

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
 Data File : BF084549.D
 Acq On : 19 Jan 2016 13:52
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/20/2016 2:22:23 PM

Quant Time: Jan 20 00:49:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	285446	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	1150676	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	516613	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	997189	20.00	ng	-0.03
75) Chrysene-d12	13.96	240	629282	20.00	ng	-0.03
86) Perylene-d12	15.36	264	520549	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1313612	74.44	ng	-0.05
7) Phenol-d6	6.44	99	1688841	76.20	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1545559	74.75	ng	-0.03
41) 2,4,6-Tribromophenol	10.62	330	421847	80.88	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	2368617	80.31	ng	-0.03
78) Terphenyl-d14	12.91	244	2532115	89.82	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	319989	38.28	ng	# 76
3) Pyridine	3.05	79	732483	31.43	ng	# 70
4) n-Nitrosodimethylamine	3.01	42	395683	33.07	ng	# 77
6) Aniline	6.46	93	1214961	37.47	ng	# 87
8) 2-Chlorophenol	6.58	128	776368	38.78	ng	87
9) Benzaldehyde	6.34	77	521068	36.11	ng	98
10) Phenol	6.45	94	884516	35.10	ng	# 68
11) bis(2-Chloroethyl)ether	6.53	93	749222	38.38	ng	# 81
12) 1,3-Dichlorobenzene	6.74	146	861470	41.71	ng	99
13) 1,4-Dichlorobenzene	6.81	146	821698	39.67	ng	98
14) 1,2-Dichlorobenzene	6.97	146	801335	40.40	ng	99
15) Benzyl Alcohol	6.94	79	620314	33.27	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1219218	34.30	ng	86
17) 2-Methylphenol	7.06	107	674624	40.20	ng	95
18) Hexachloroethane	7.31	117	344356	41.58	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	544697	36.30	ng	# 73
20) 3+4-Methylphenols	7.22	107	694611	35.22	ng	# 59
22) Acetophenone	7.22	105	1151340	41.61	ng	# 93
24) Nitrobenzene	7.39	77	917316	43.74	ng	91
25) Isophorone	7.63	82	1569756	39.70	ng	98
26) 2-Nitrophenol	7.70	139	401786	42.10	ng	# 82
27) 2,4-Dimethylphenol	7.74	122	710031	36.76	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	956802	39.61	ng	# 97
29) 2,4-Dichlorophenol	7.95	162	681814	42.37	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	714025	42.98	ng	# 93
31) Naphthalene	8.11	128	2270880	43.50	ng	99
32) Benzoic acid	7.89	122	499095	41.18	ng	95
33) 4-Chloroaniline	8.16	127	910254	38.03	ng	98
34) Hexachlorobutadiene	8.22	225	383924	40.20	ng	98
35) Caprolactam	8.54	113	217018	40.01	ng	# 43
36) 4-Chloro-3-methylphenol	8.65	107	677608	37.59	ng	95
37) 2-Methylnaphthalene	8.80	142	1400075	37.36	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	678223	45.67	ng	99
40) Hexachlorocyclopentadiene	8.96	237	349314	38.96	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	462542	41.63	nq	92
43) 2,4,5-Trichlorophenol	9.13	196	444780	41.76	nq	93
45) 1,1'-Biphenyl	9.26	154	1770443	43.12	nq	99
46) 2-Chloronaphthalene	9.29	162	1331080	41.27	nq	94
47) 2-Nitroaniline	9.39	65	500093	46.98	nq	# 73
48) Acenaphthylene	9.70	152	1885568	39.57	nq	96
49) Dimethylphthalate	9.57	163	1534061	41.54	nq	# 90
50) 2,6-Dinitrotoluene	9.63	165	326898	40.36	nq	# 55
51) Acenaphthene	9.87	154	1338795	41.89	nq	97
52) 3-Nitroaniline	9.80	138	443297	44.17	nq	89
53) 2,4-Dinitrophenol	9.90	184	214303	62.90	nq	# 89
54) Dibenzofuran	10.04	168	1674802	40.14	nq	90
55) 4-Nitrophenol	9.97	139	343240	47.11	nq	91
56) 2,4-Dinitrotoluene	10.03	165	419265	40.90	nq	# 89
57) Fluorene	10.38	166	1265613	39.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	404073	44.43	nq	87
59) Diethylphthalate	10.27	149	1587684	43.60	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	676304	51.16	nq	89
61) 4-Nitroaniline	10.42	138	443273	49.54	nq	87
62) Azobenzene	10.54	77	1670303	41.82	nq	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	284068	46.94	nq	89
65) n-Nitrosodiphenylamine	10.50	169	1168838	36.66	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	418988	39.04	nq	# 71
67) Hexachlorobenzene	10.93	284	482454	39.94	nq	96
68) Atrazine	11.04	200	416645	39.93	nq	93
69) Pentachlorophenol	11.13	266	249222	39.79	nq	99
70) Phenanthrene	11.34	178	1946956	37.33	nq	96
71) Anthracene	11.40	178	2232076	43.65	nq	98
72) Carbazole	11.55	167	1783496	35.68	nq	99
73) Di-n-butylphthalate	11.89	149	2376001	44.63	nq	98
74) Fluoranthene	12.53	202	2250721	41.31	nq	94
76) Benzidine	12.66	184	928697	41.16	nq	98
77) Pyrene	12.76	202	2253493	45.63	nq	99
79) Butylbenzylphthalate	13.38	149	870556	40.74	nq	87
80) Benzo(a)anthracene	13.94	228	1552035	42.00	nq	98
81) 3,3'-Dichlorobenzidine	13.92	252	646460	50.13	nq	97
82) Chrysene	13.99	228	1578383	44.45	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	1094562	40.54	nq	# 99
84) Di-n-octyl phthalate	14.56	149	1740277	38.18	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.73	276	1267260	45.03	nq	99
87) Benzo(b)fluoranthene	14.97	252	1468706m	43.13	nq	
88) Benzo(k)fluoranthene	14.99	252	1096948m	39.39	nq	
89) Benzo(a)pyrene	15.30	252	1203294	41.66	nq	# 96
90) Dibenzo(a,h)anthracene	16.74	278	1046611	42.11	nq	97
91) Benzo(g,h,i)perylene	17.14	276	1091169	42.40	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

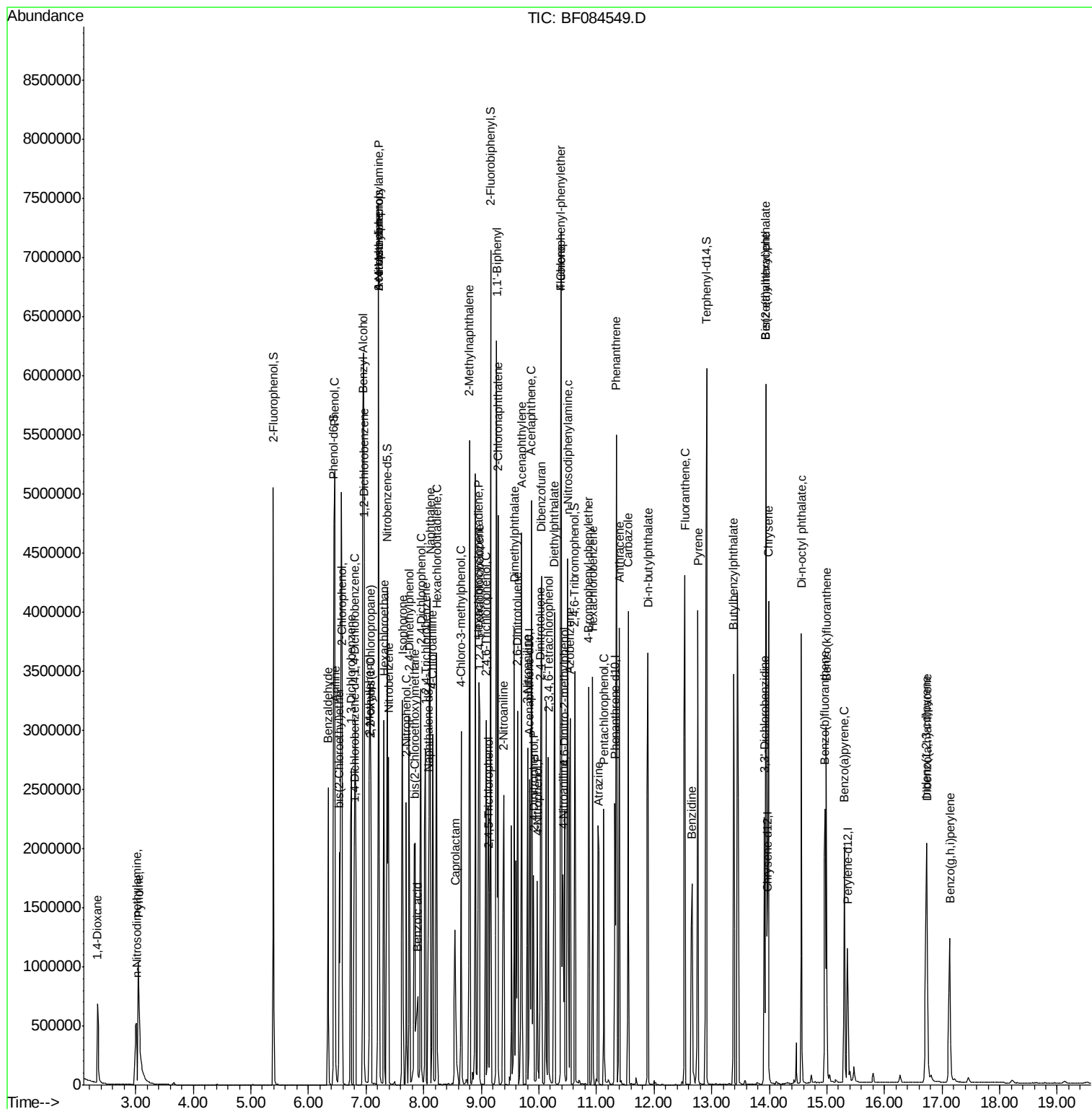
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\  
Data File : BF084549.D  
Acq On    : 19 Jan 2016   13:52  
Operator  : SJ/UM  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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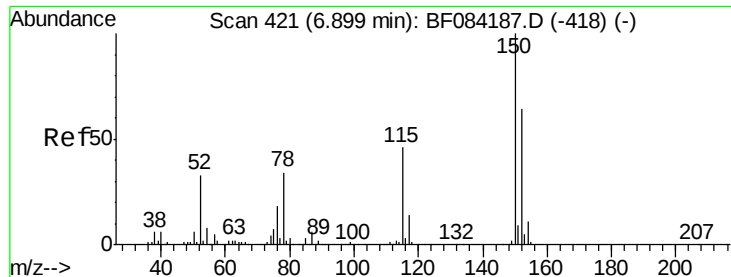
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

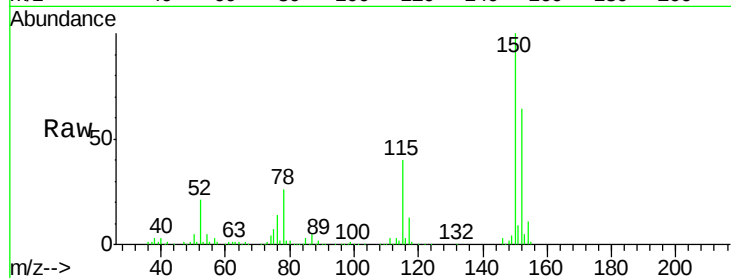
ClientSampleId :

SSTDCCC040

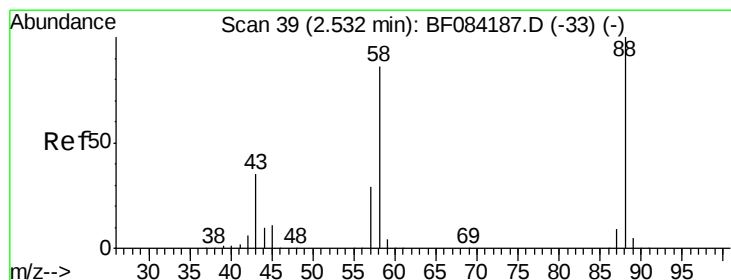
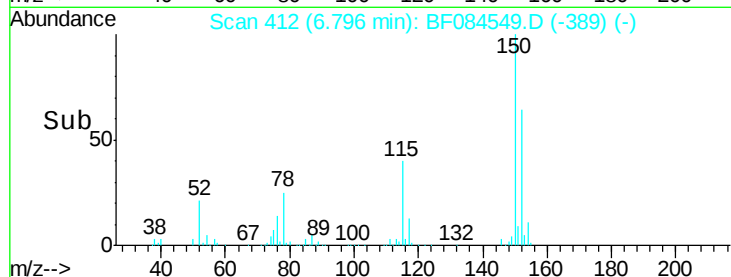
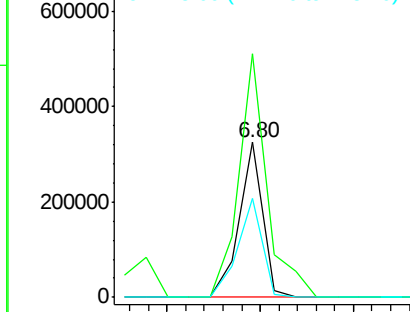
Tot Ion:	152	Resp:	285446
Ion Ratio	Lower	Upper	
152	100		
150	157.1	123.0	184.4
115	63.5	51.4	77.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.28 ng

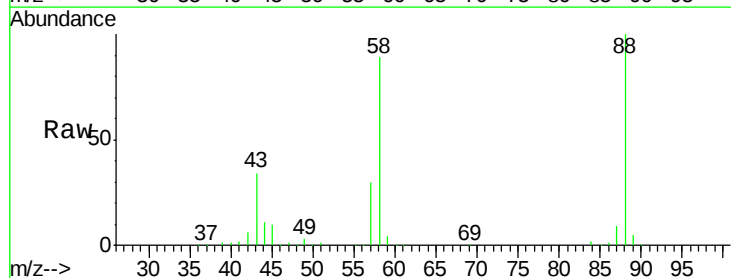
RT: 2.34 min Scan# 22

Delta R.T. -0.06 min

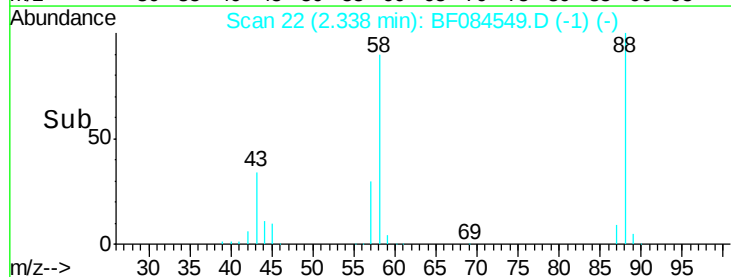
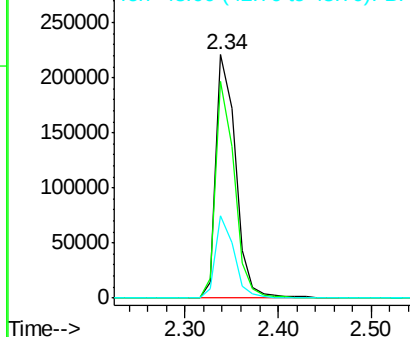
Lab File: BF084549.D

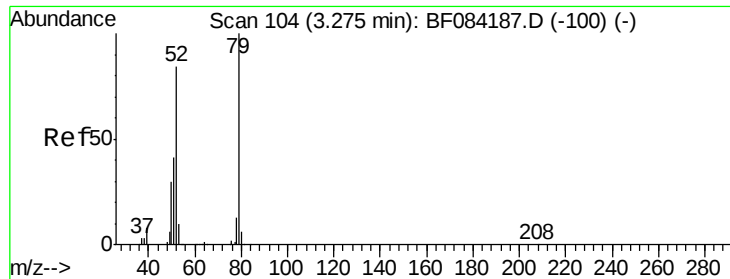
Acq: 19 Jan 2016 13:52

Tgt Ion:	88	Resp:	319989
Ion Ratio	Lower	Upper	
88	100		
58	85.3	51.2	76.8#
43	32.8	19.5	29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.43 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.08 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

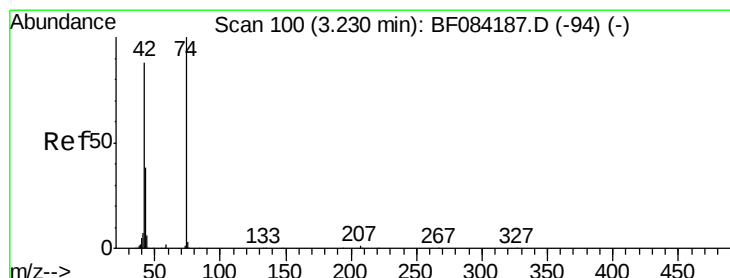
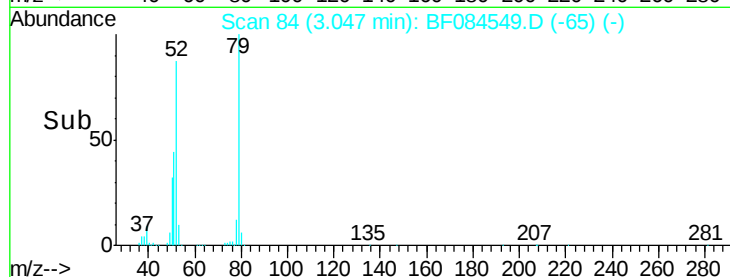
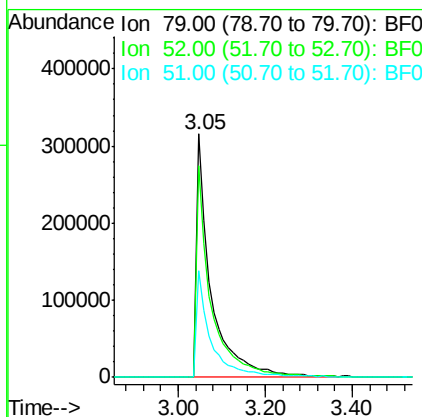
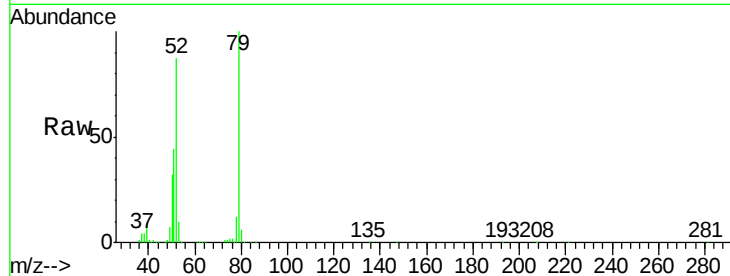
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	732483
Ion Ratio	Lower	Upper	
79	100		
52	86.7	49.0	73.4#
51	43.8	25.2	37.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.07 ng

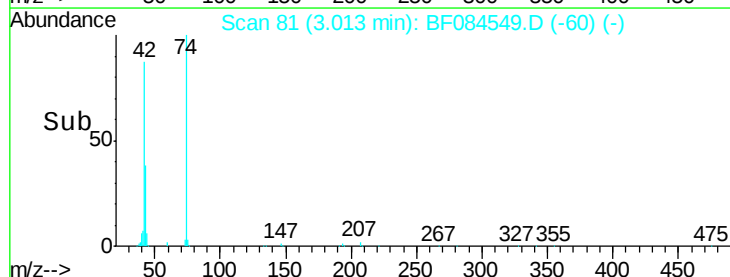
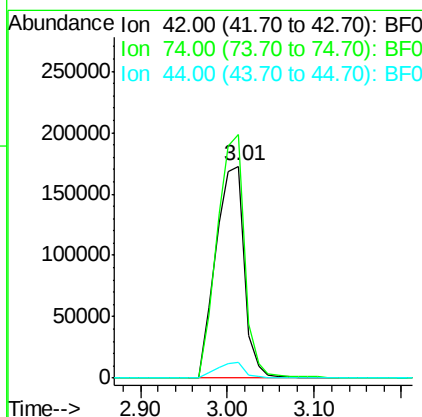
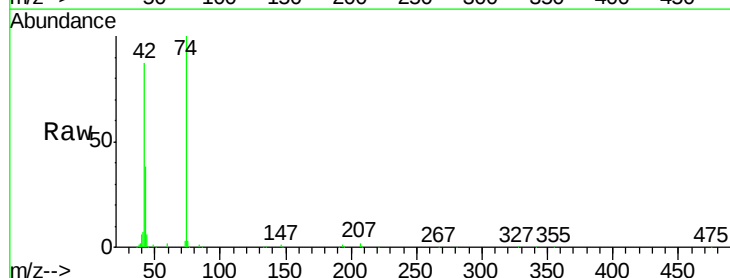
RT: 3.01 min Scan# 81

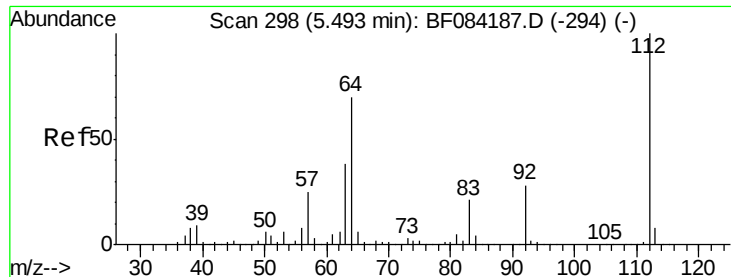
Delta R.T. -0.06 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Tgt Ion:	42	Resp:	395683
Ion Ratio	Lower	Upper	
42	100		
74	114.7	115.7	173.5#
44	7.1	5.1	7.7





#5

2-Fluorophenol

Concen: 74.44 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1313612

Ion Ratio Lower Upper

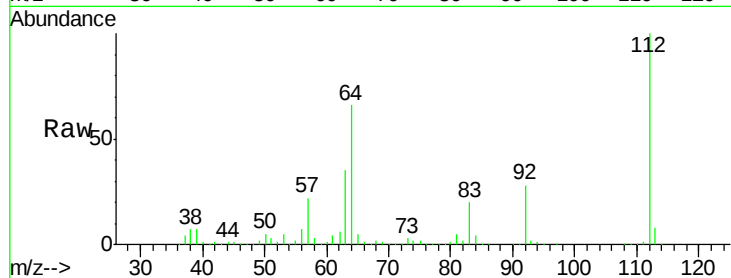
112 100

64 65.6 36.6 55.0#

63 34.8 19.4 29.0#

Manual Integrations
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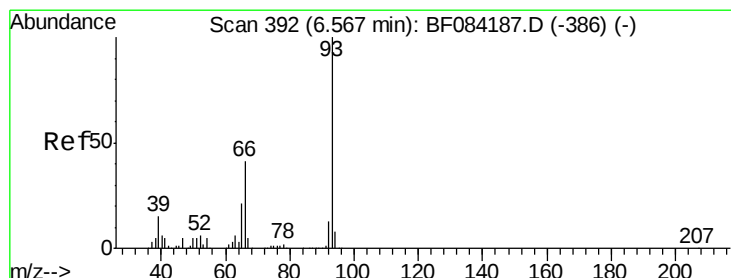
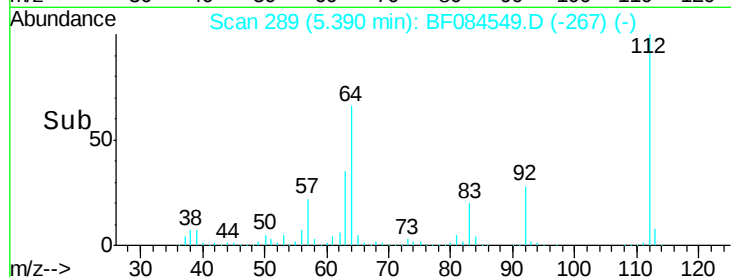
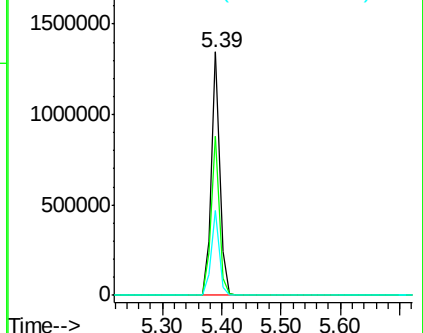
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.47 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

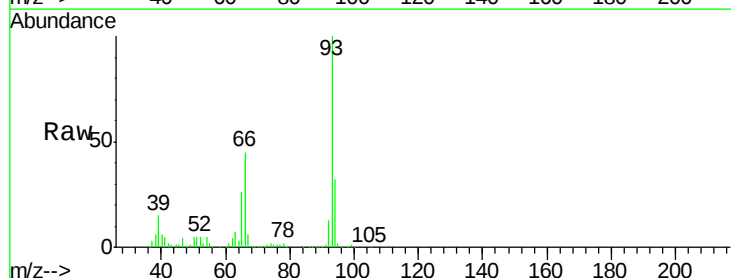
Tgt Ion: 93 Resp: 1214961

Ion Ratio Lower Upper

93 100

66 44.8 44.9 67.3#

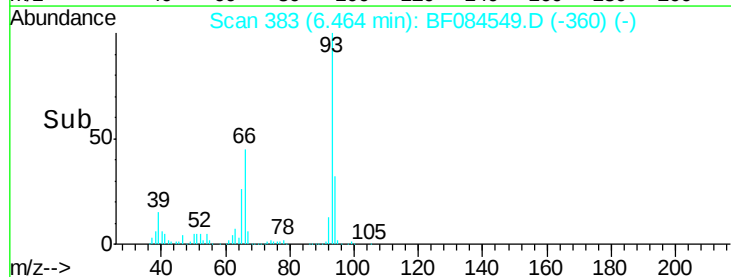
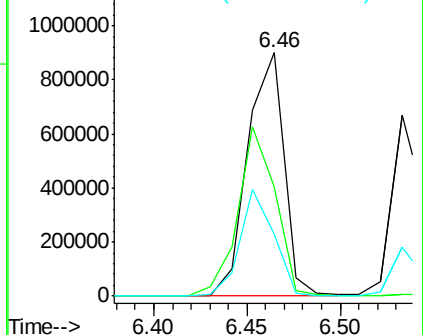
65 25.5 23.7 35.5

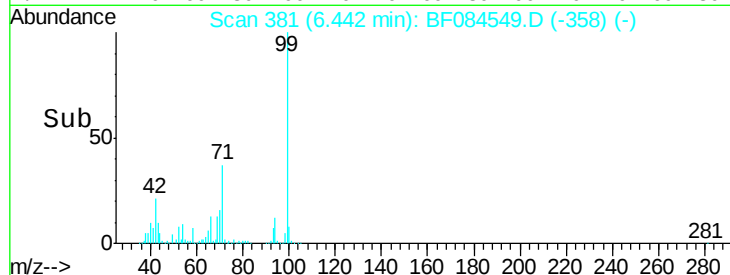
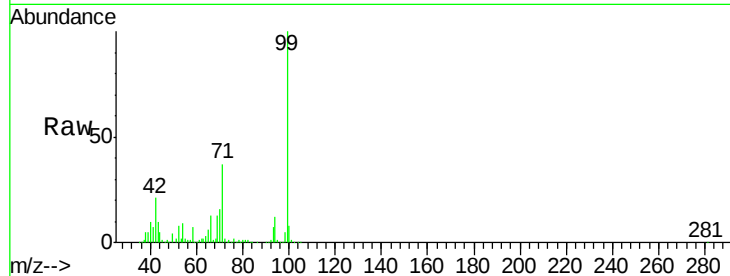
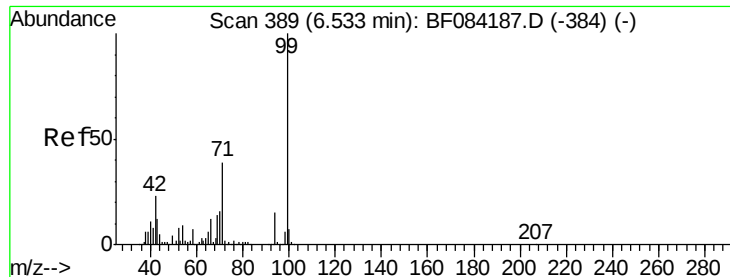


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.20 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Tot Ion:	99	Resp:	1688841
Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	37.0	30.9	46.3

Instrument :

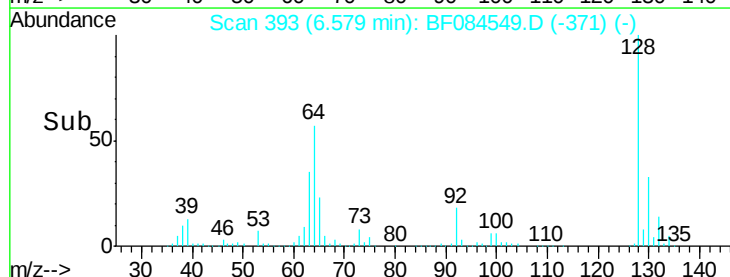
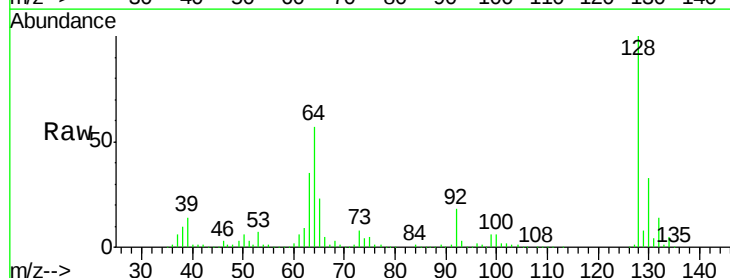
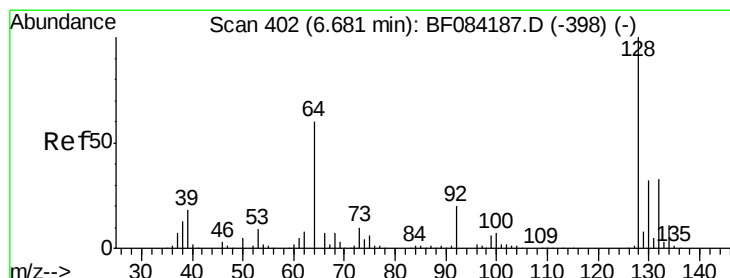
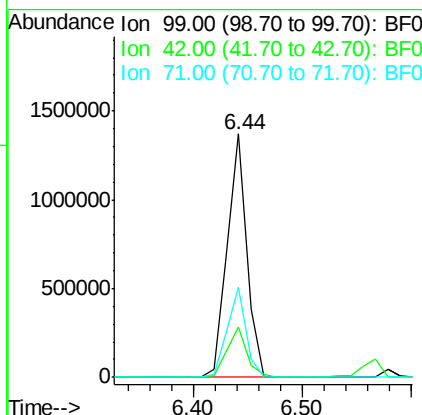
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.78 ng

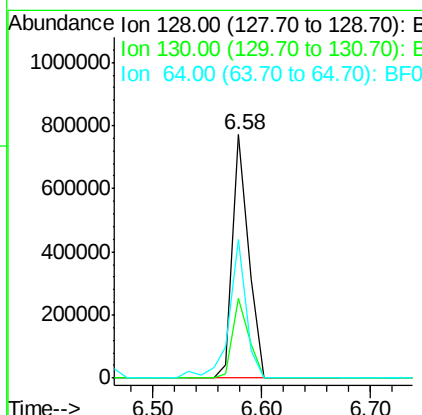
RT: 6.58 min Scan# 393

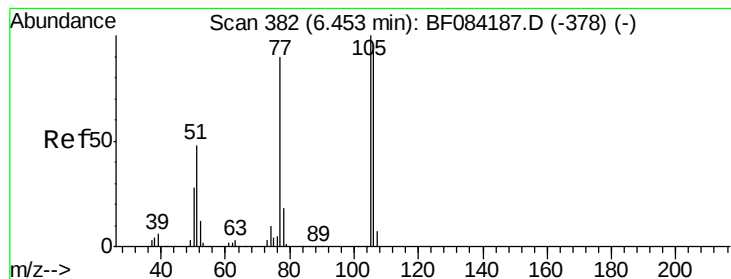
Delta R.T. -0.05 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Tgt Ion:	128	Resp:	776368
Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.6	51.6
64	57.1	23.8	63.8





#9

Benzaldehyde

Concen: 36.11 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

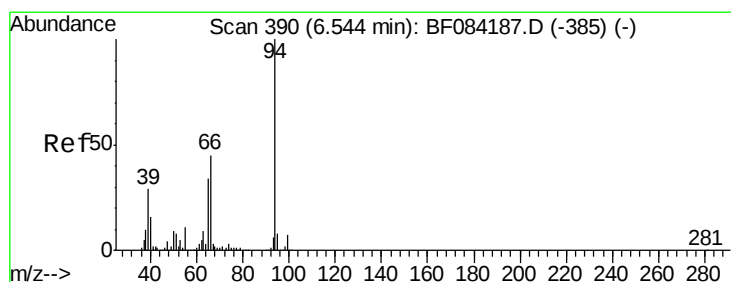
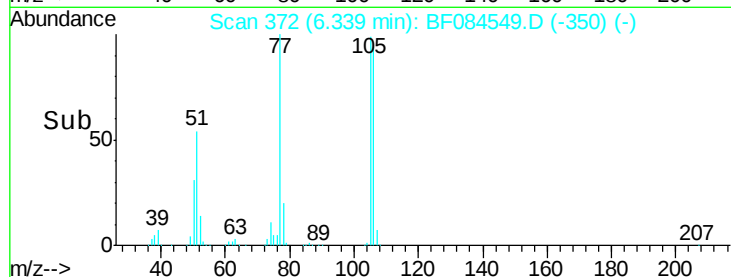
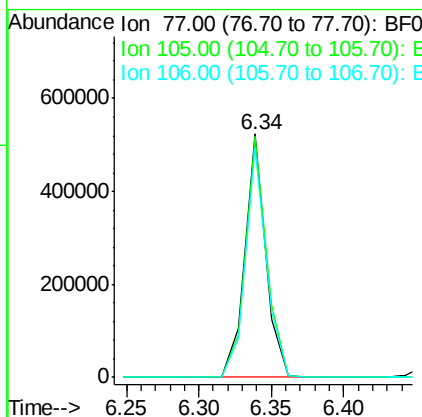
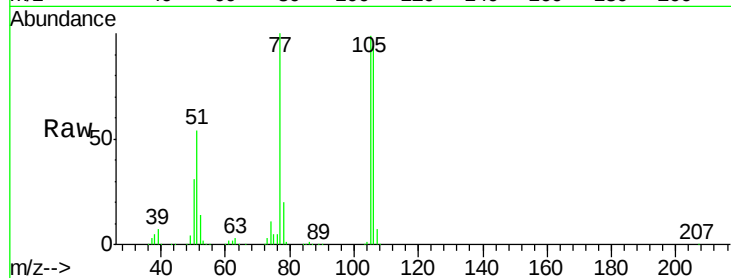
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	521068
Ion Ratio	Lower	Upper	
77	100		
105	98.9	83.0	123.0
106	94.3	74.6	114.6

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#10

Phenol

Concen: 35.10 ng

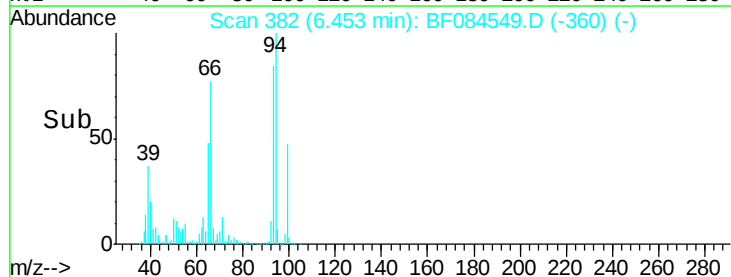
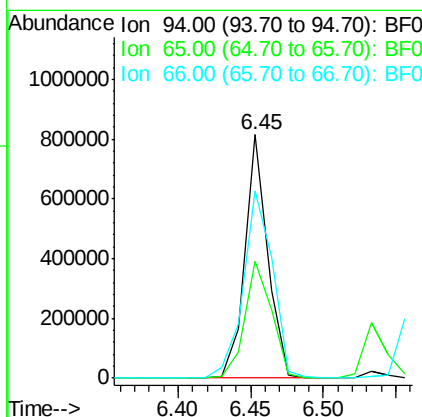
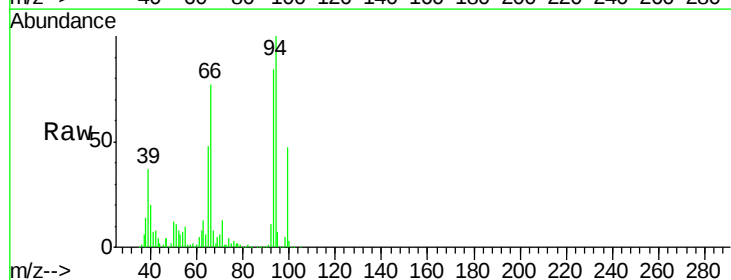
RT: 6.45 min Scan# 382

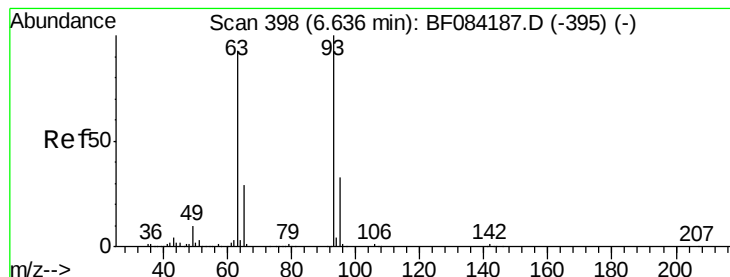
Delta R.T. -0.05 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Tgt Ion:	94	Resp:	884516
Ion Ratio	Lower	Upper	
94	100		
65	48.2	12.9	52.9
66	77.0	32.7	72.7





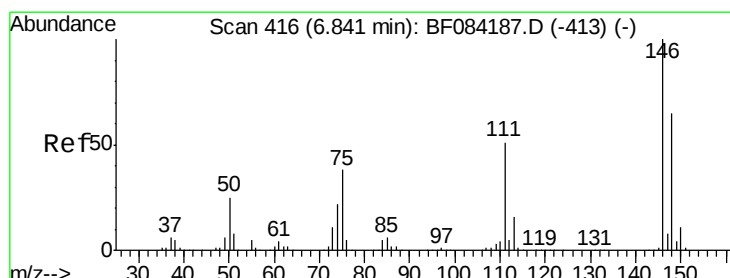
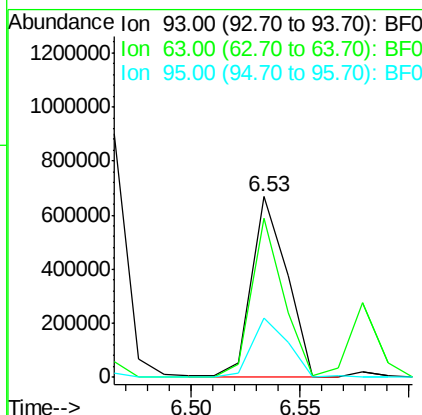
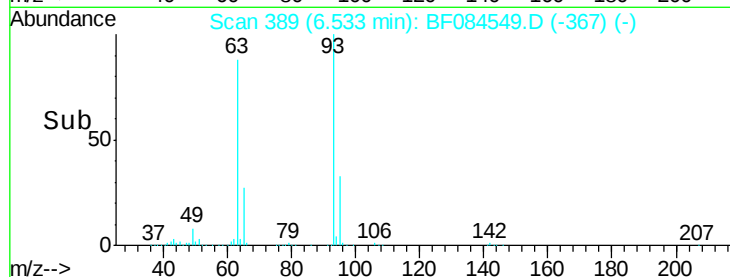
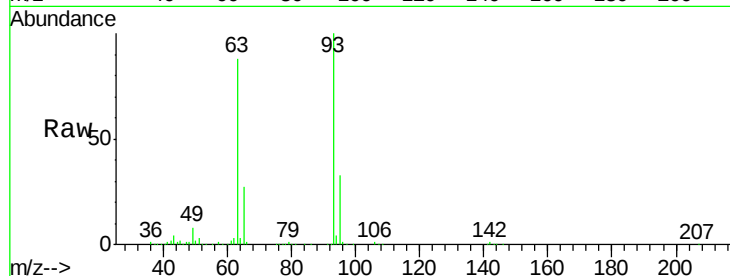
#11
bis(2-Chloroethyl)ether
Concen: 38.38 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.05 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.0	45.9	85.9#
95	32.5	12.3	52.3

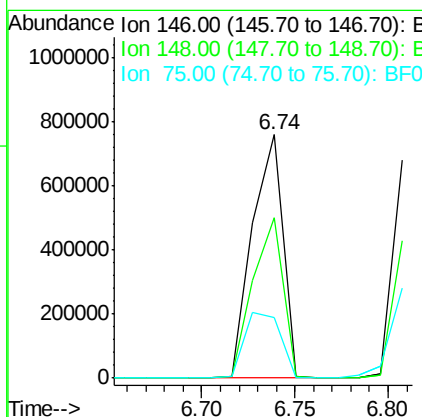
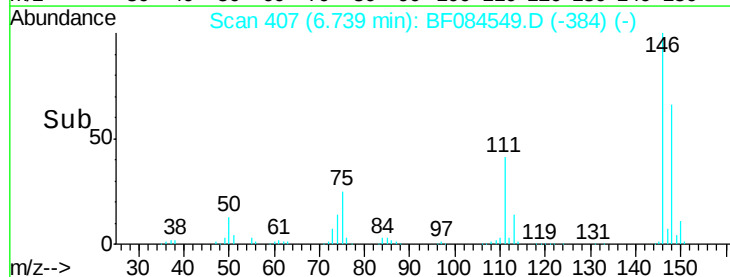
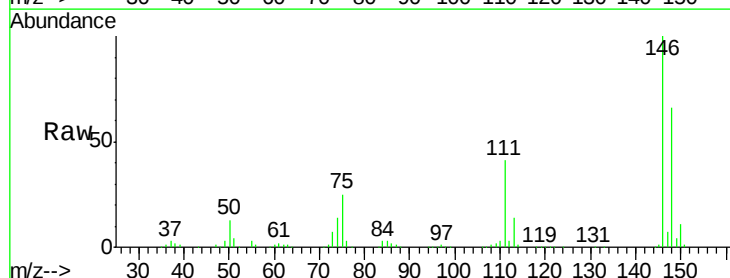
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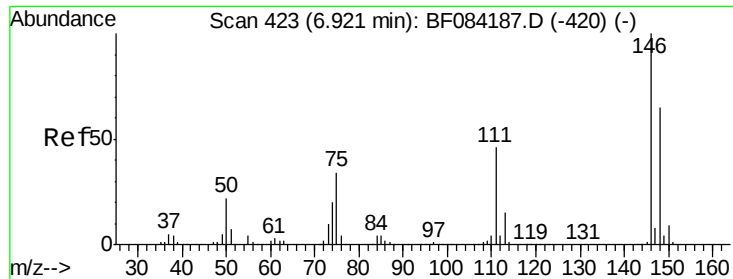
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.71 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
75	24.8	20.5	30.7





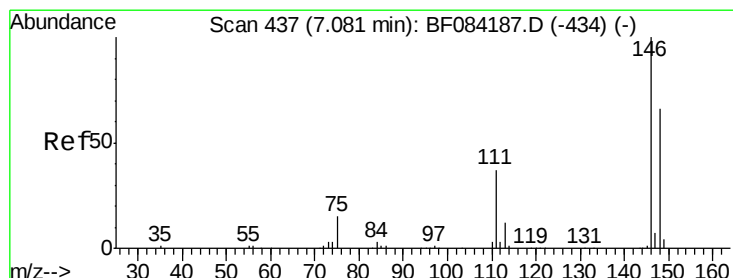
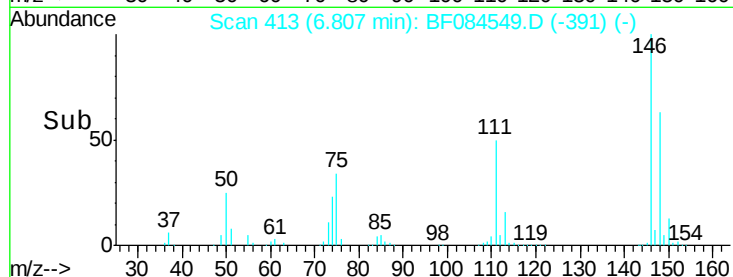
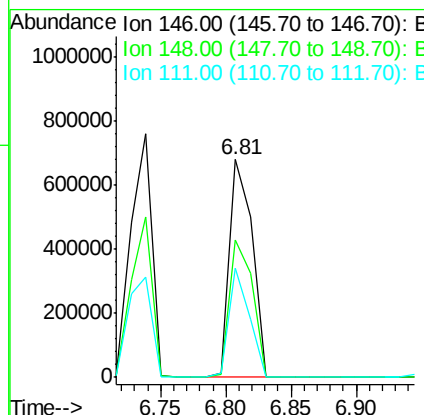
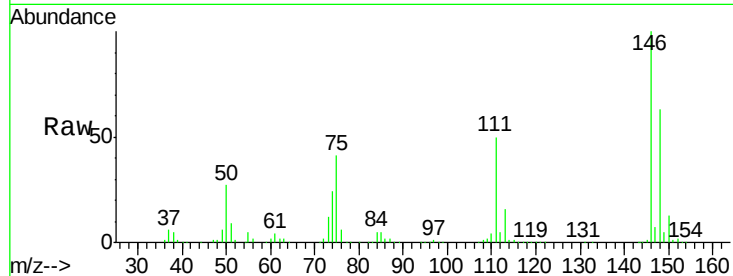
#13
1,4-Dichlorobenzene
Concen: 39.67 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
111	50.2	41.6	62.4

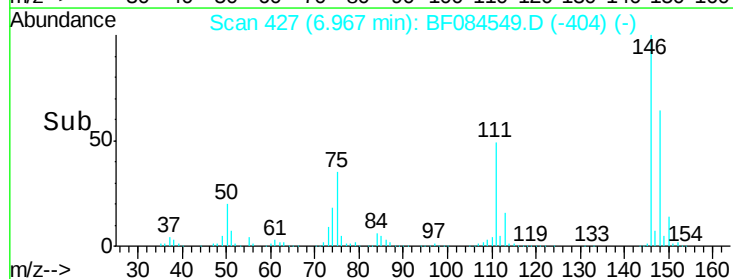
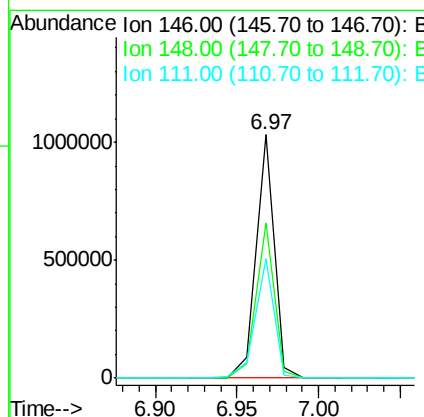
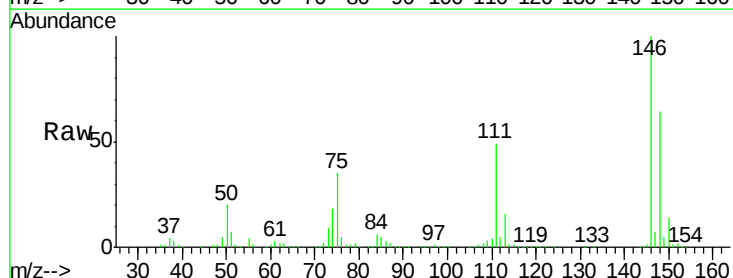
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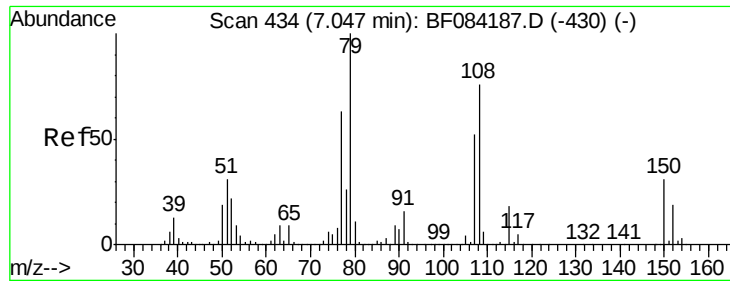
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.40 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	48.9	38.0	57.0





#15

Benzyl Alcohol

Concen: 33.27 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

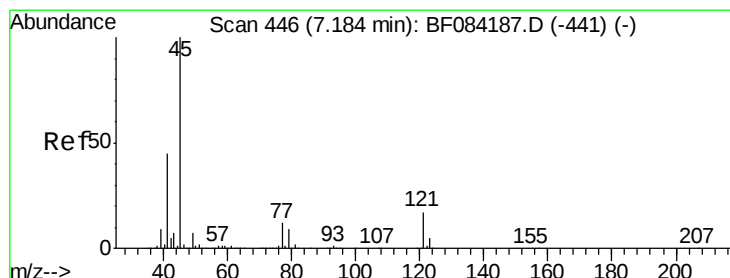
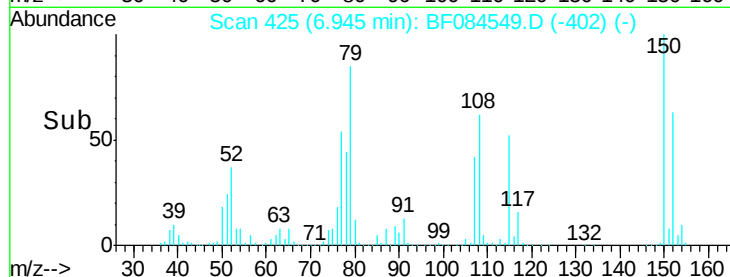
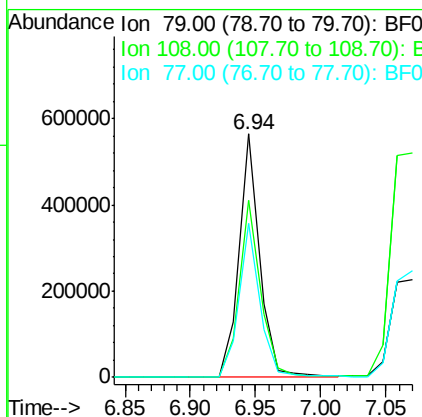
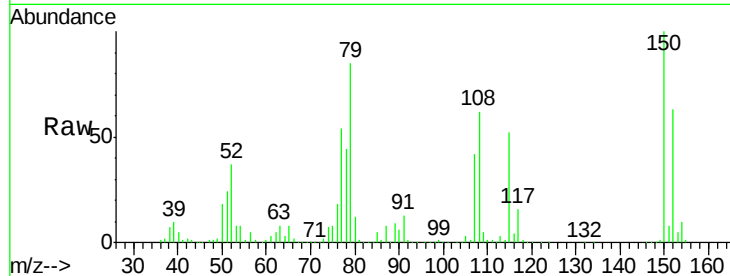
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	620314
Ion Ratio	Lower	Upper	
79	100		
108	72.9	69.0	103.4
77	63.2	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.30 ng

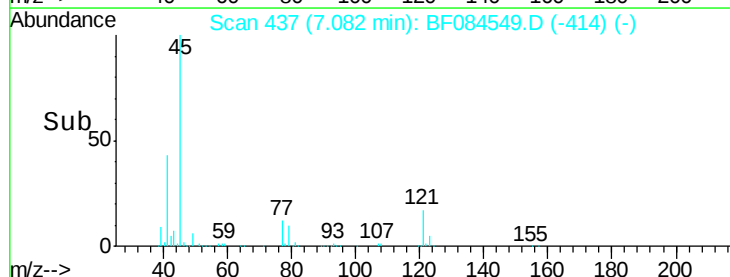
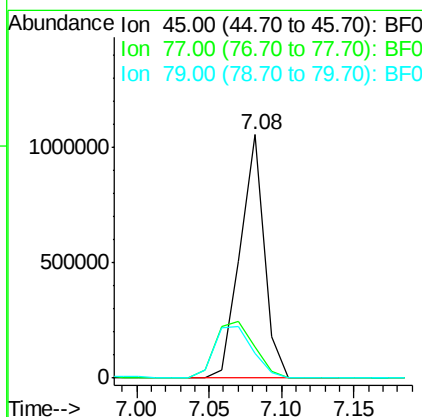
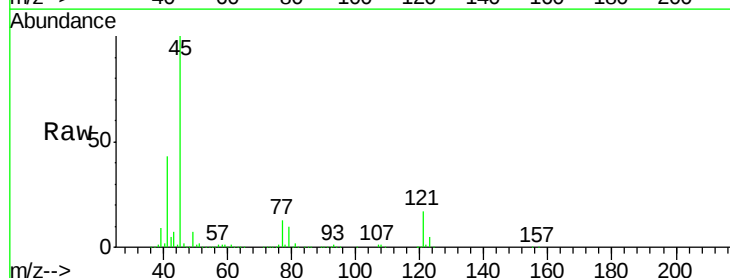
RT: 7.08 min Scan# 437

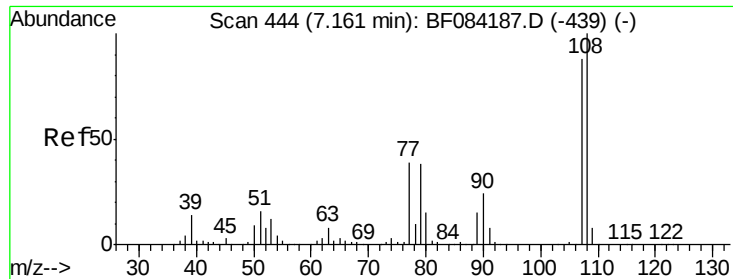
Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Tgt Ion:	45	Resp:	1219218
Ion Ratio	Lower	Upper	
45	100		
77	12.5	0.0	39.6
79	10.0	0.0	35.0





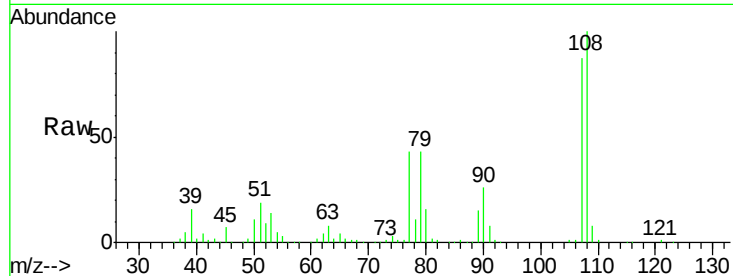
#17
2-Methylphenol
Concen: 40.20 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

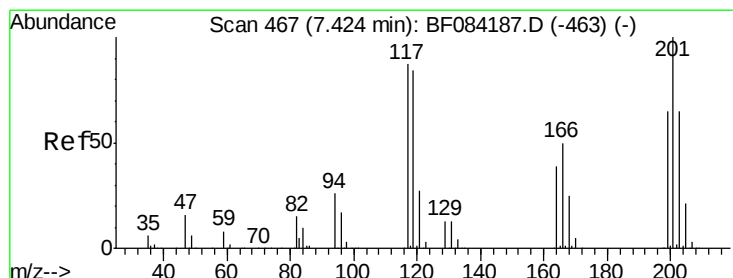
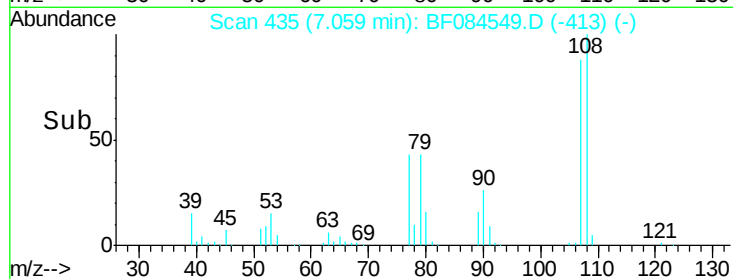
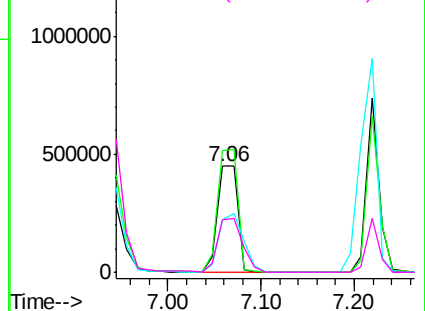
Tot Ion:	107	Resp:	674624
Ion Ratio	Lower	Upper	
107	100		
108	114.7	89.8	134.6
77	49.6	35.7	53.5
79	49.0	35.7	53.5

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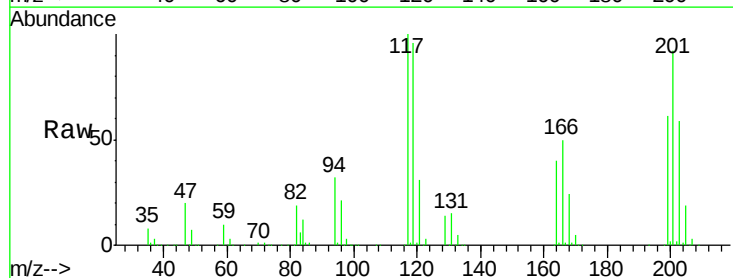


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

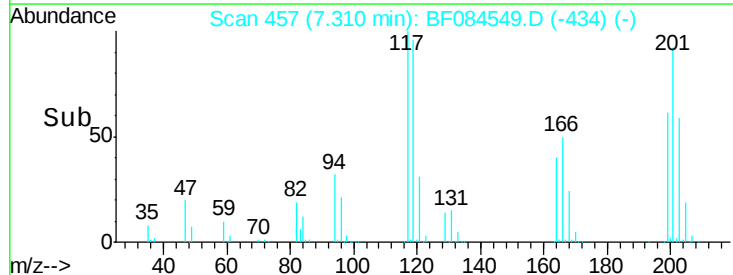
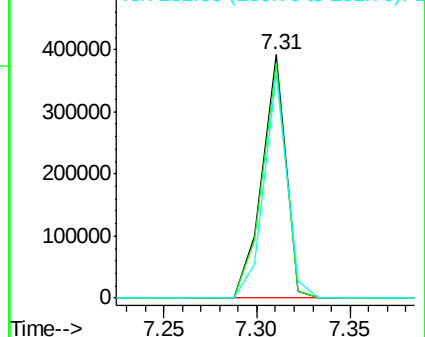


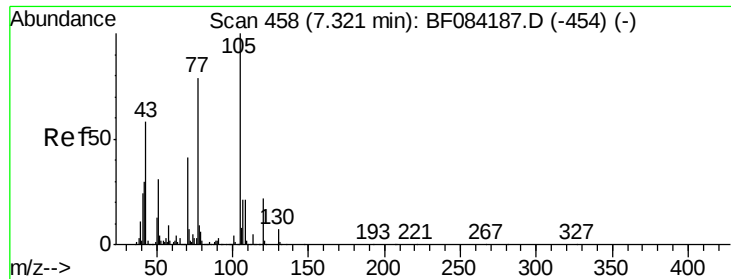
#18
Hexachloroethane
Concen: 41.58 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion:	117	Resp:	344356
Ion Ratio	Lower	Upper	
117	100		
119	96.2	77.4	116.0
201	92.3	68.6	103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





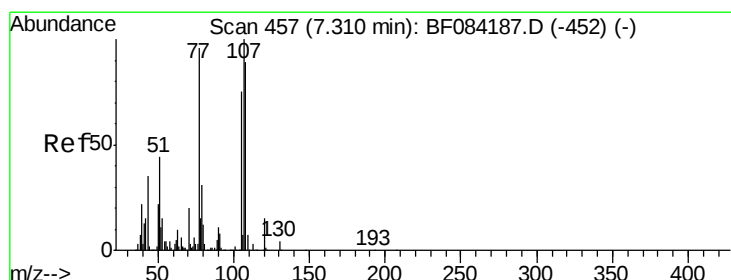
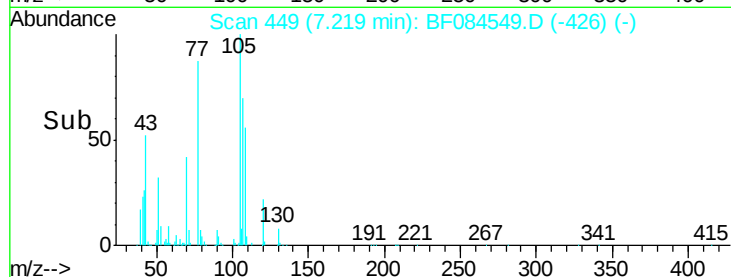
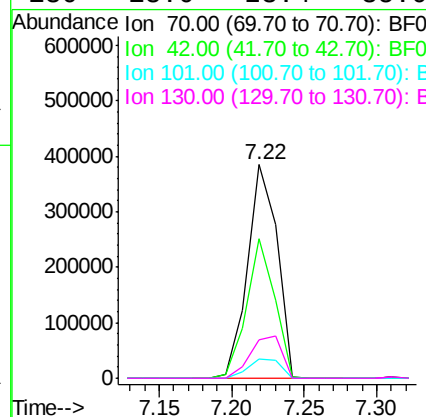
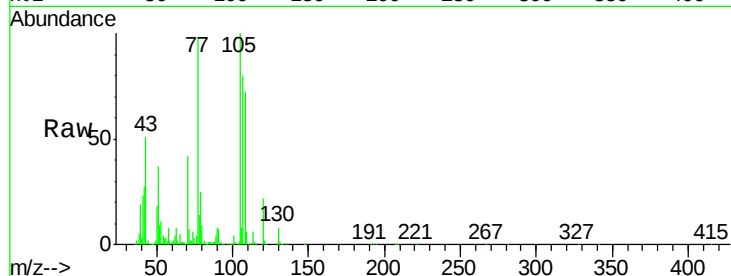
#19
n-Nitroso-di-n-propylamine
Concen: 36.30 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.4	33.3	49.9#
101	9.1	9.3	13.9#
130	18.0	23.4	35.0#

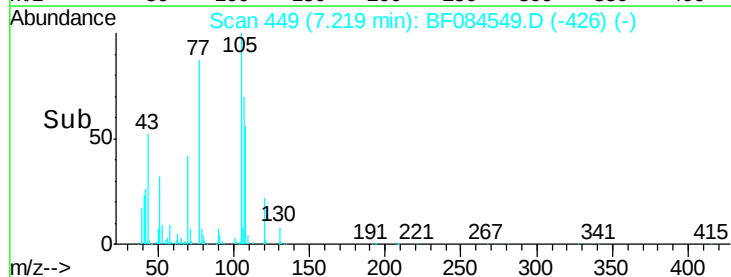
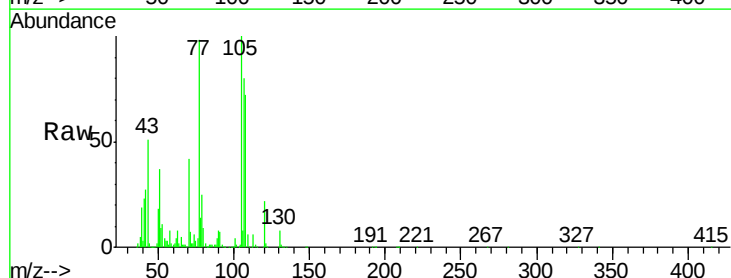
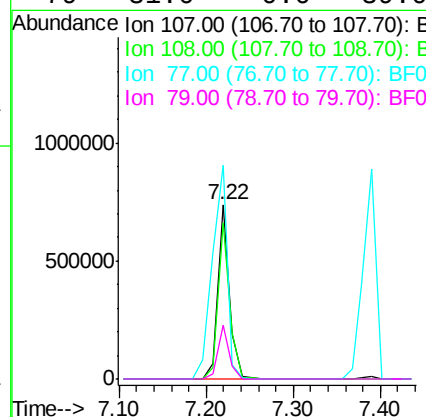
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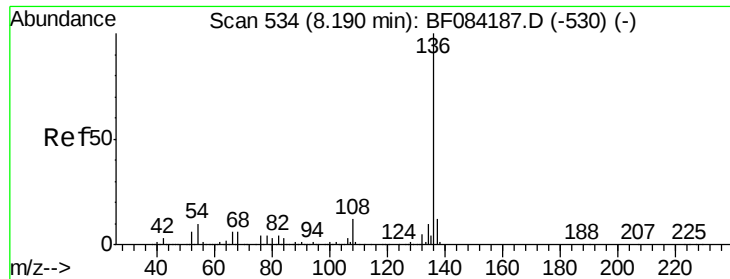
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#20
3+4-Methylphenols
Concen: 35.22 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	74.6	114.6
77	122.3	0.7	40.7#
79	31.0	0.0	39.0





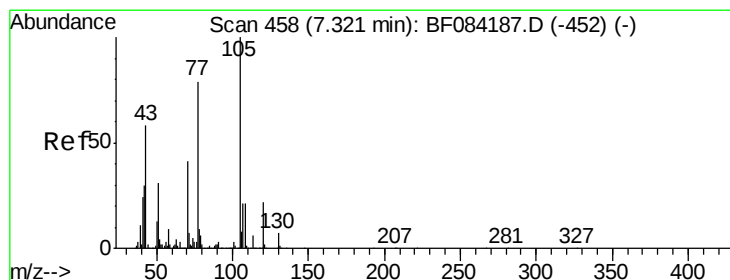
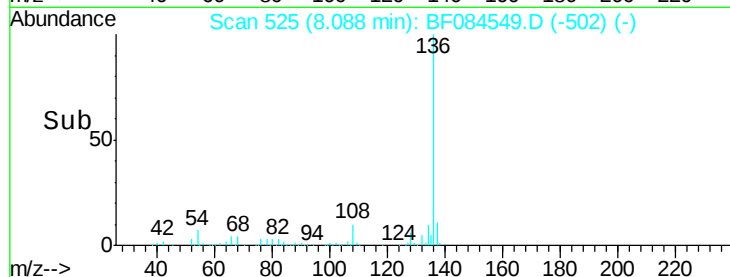
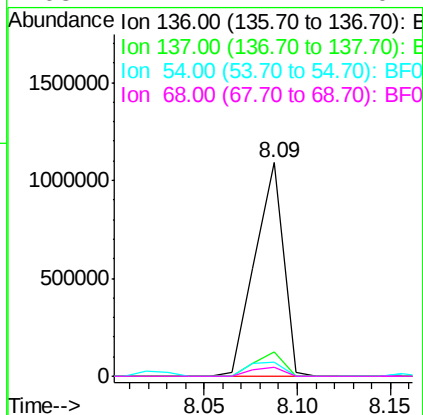
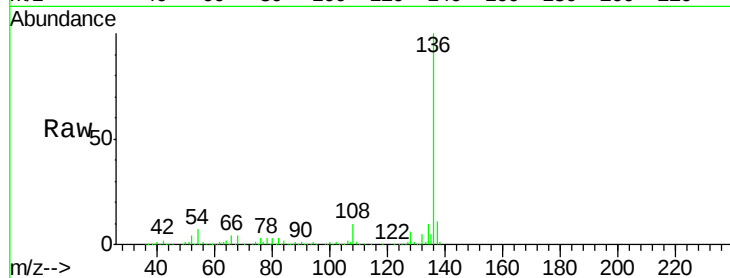
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	136	Resp	1150676
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.7	5.8	8.8
68	4.2	4.2	6.2

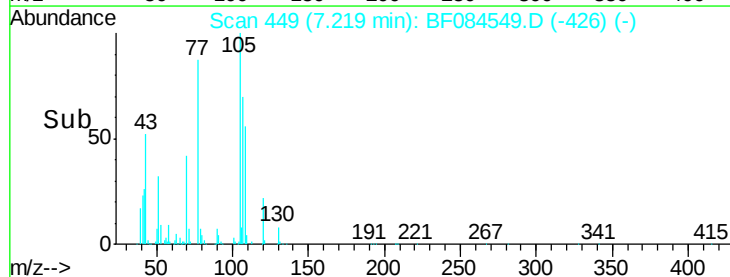
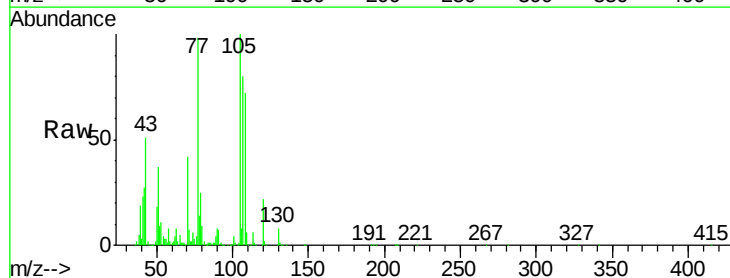
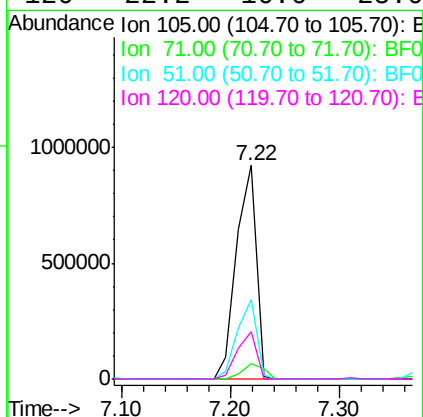
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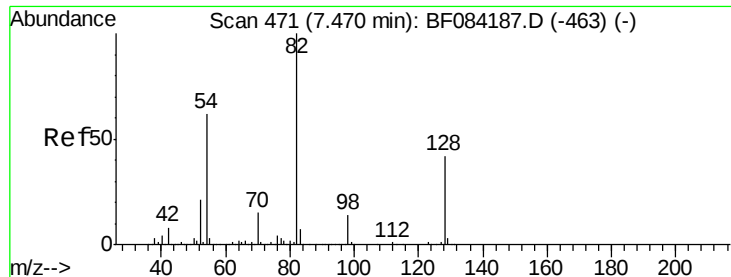
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#22
Acetophenone
Concen: 41.61 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion	105	Resp	1151340
Ion	Ratio	Lower	Upper
105	100		
71	7.1	3.7	5.5#
51	36.9	25.1	37.7
120	22.2	16.6	25.0





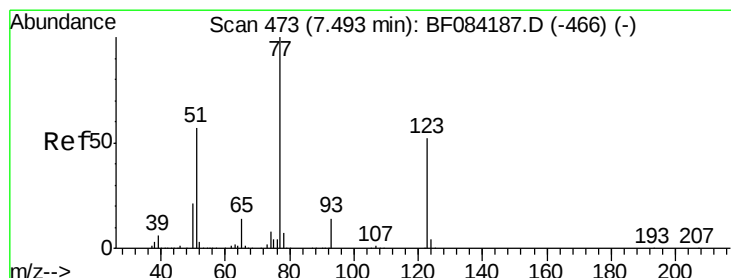
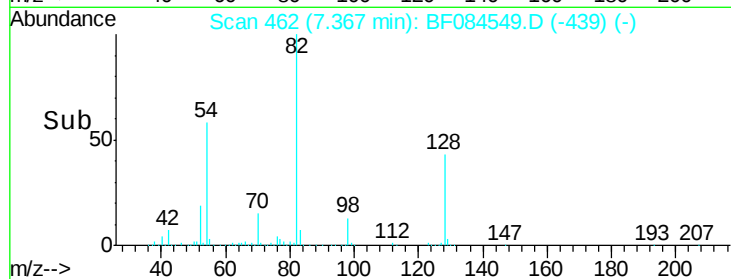
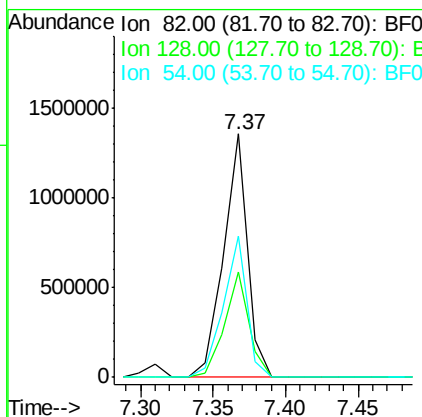
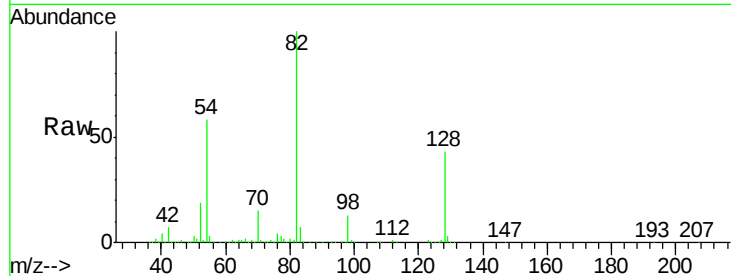
#23
 Nitrobenzene-d5
 Concen: 74.75 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	58.0	38.4	57.6

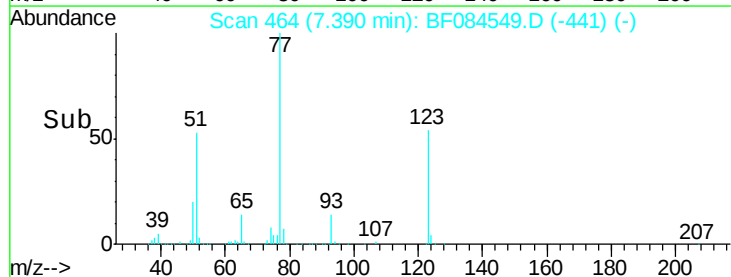
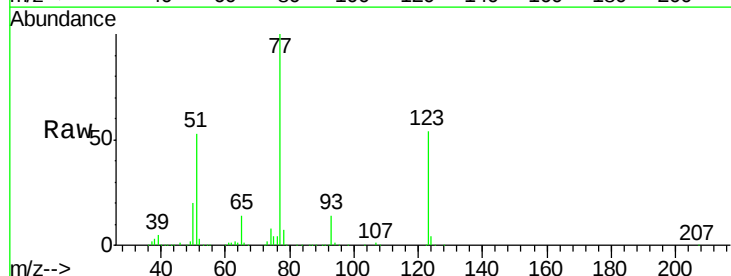
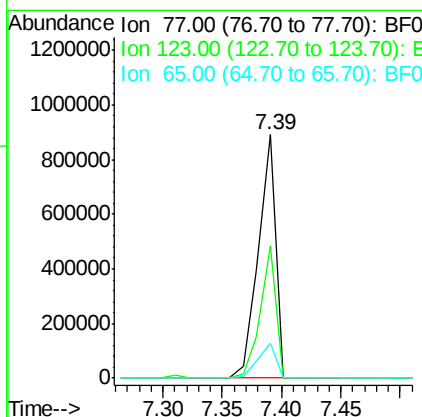
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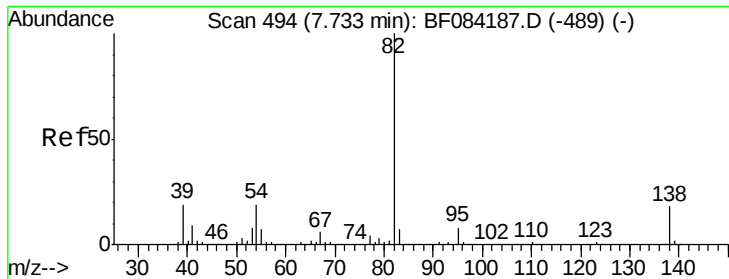
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#24
 Nitrobenzene
 Concen: 43.74 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.3	37.4	56.2
65	14.2	10.9	16.3





#25

Isophorone

Concen: 39.70 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1569756

Ion Ratio Lower Upper

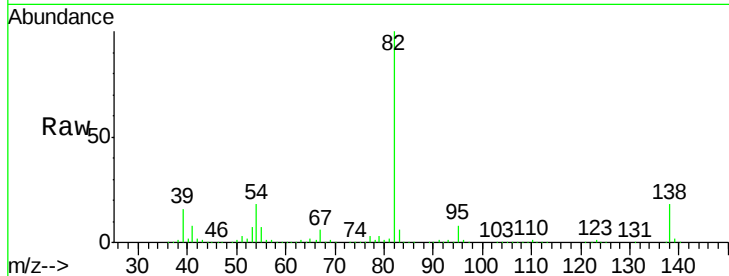
82 100

95 7.9 6.6 10.0

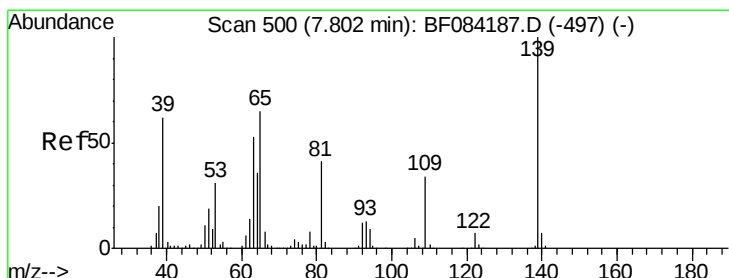
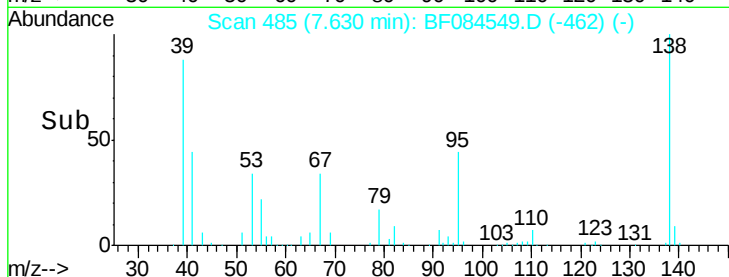
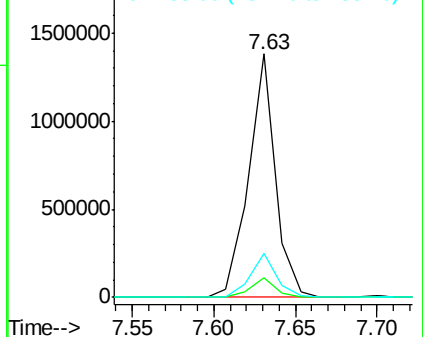
138 18.0 13.6 20.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.10 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.05 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

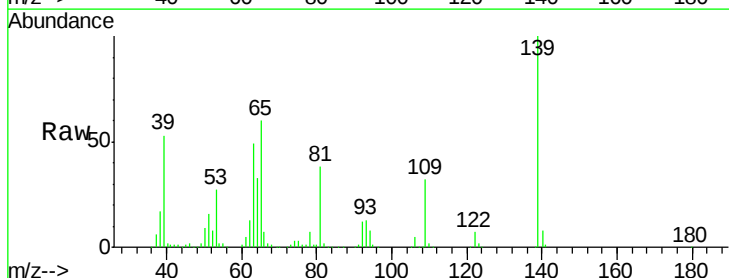
Tgt Ion: 139 Resp: 401786

Ion Ratio Lower Upper

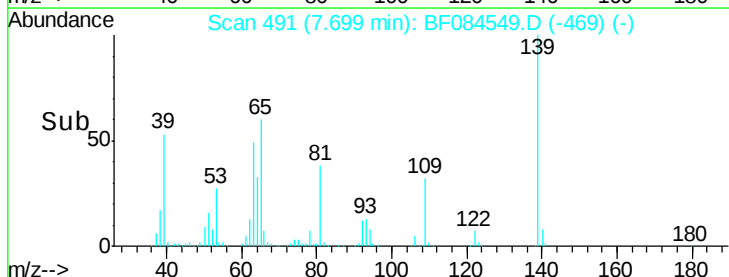
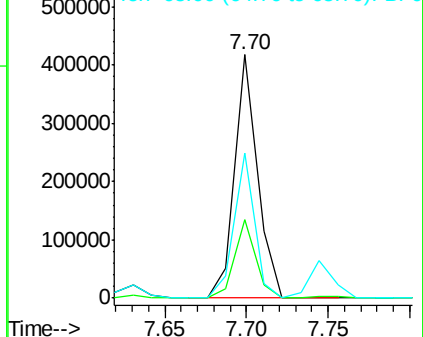
139 100

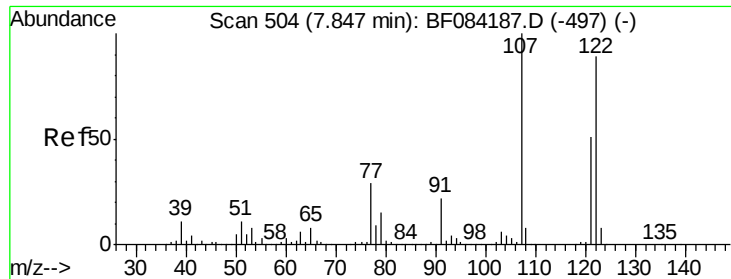
109 32.2 25.4 38.2

65 59.6 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.76 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

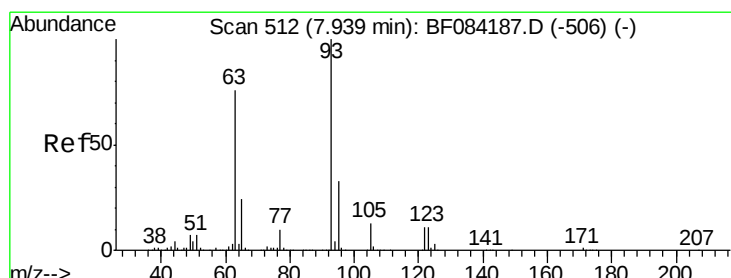
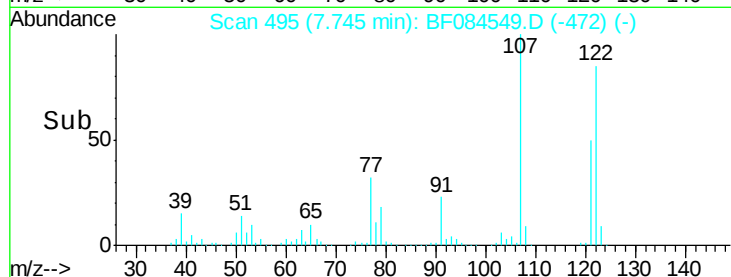
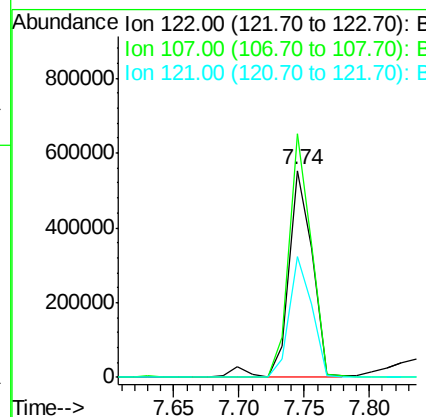
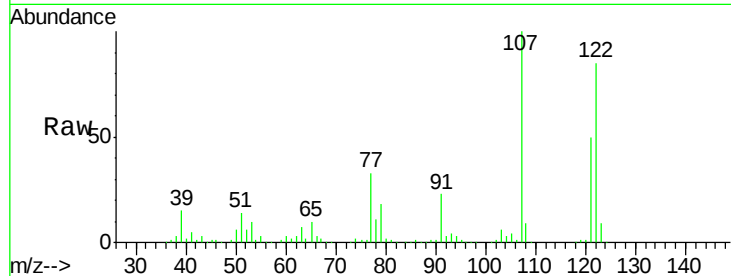
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	710031
Ion Ratio	Lower	Upper	
122	100		
107	117.9	99.1	148.7
121	58.5	47.9	71.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 39.61 ng

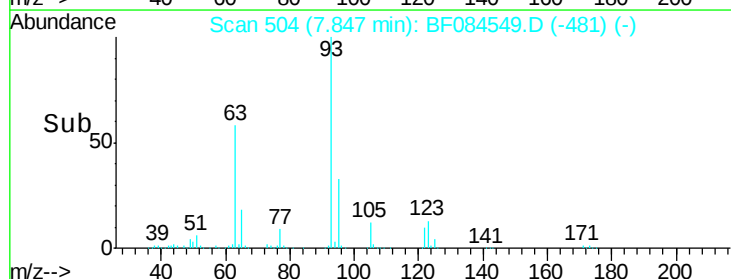
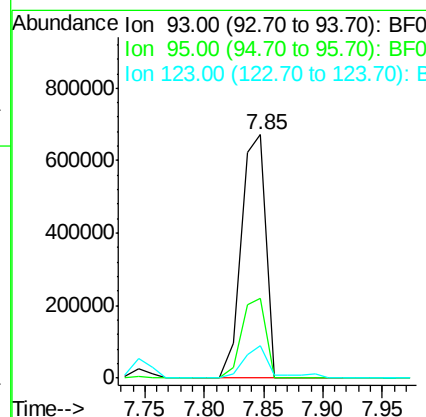
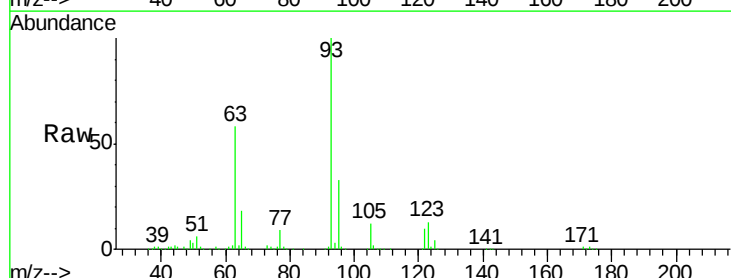
RT: 7.85 min Scan# 504

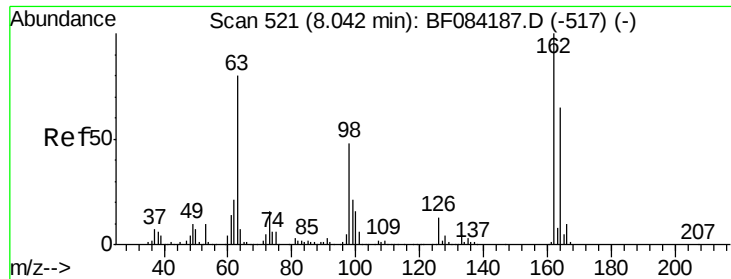
Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Tgt Ion:	93	Resp:	956802
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.8	38.6
123	13.4	8.6	12.8#





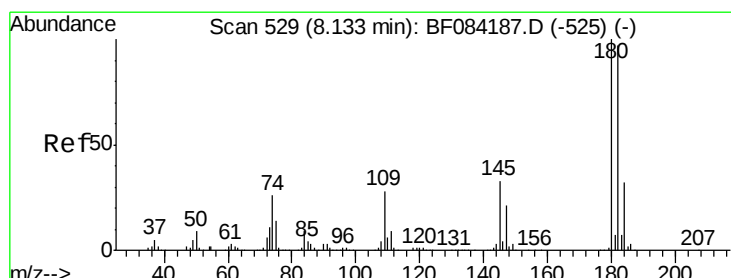
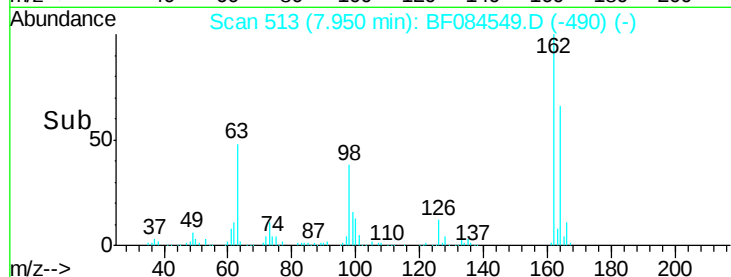
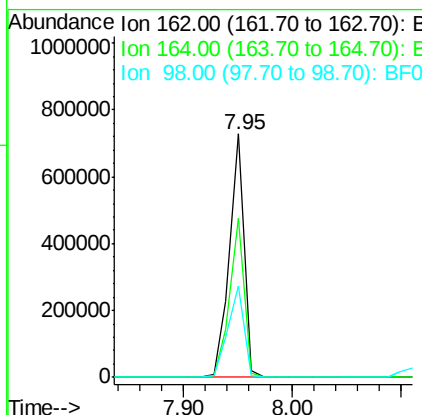
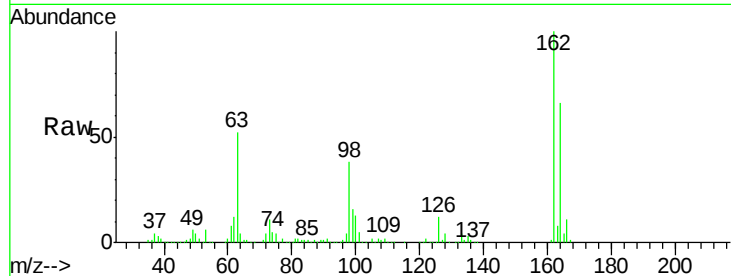
#29
2,4-Dichlorophenol
Concen: 42.37 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.6	44.1	84.1
98	37.6	20.2	60.2

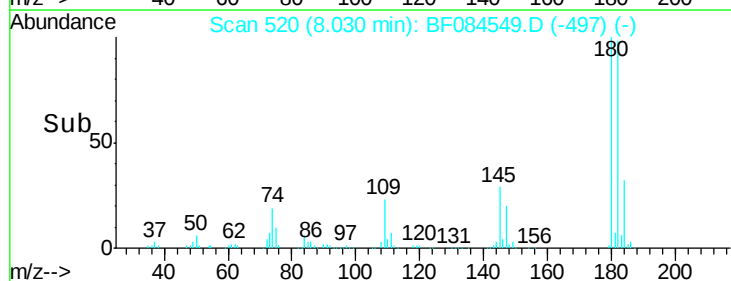
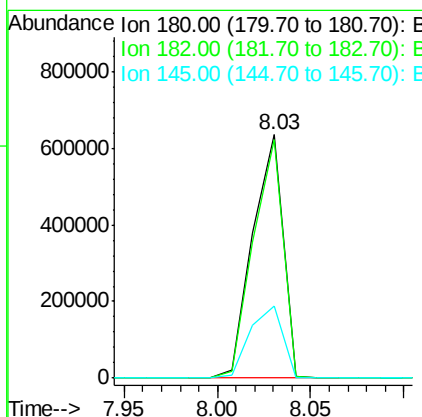
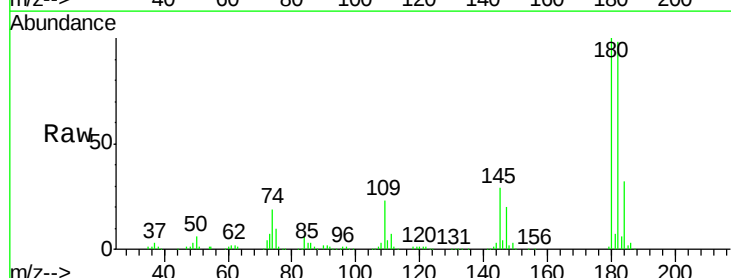
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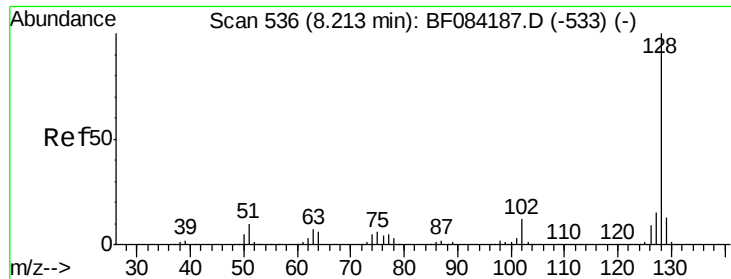
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#30
1,2,4-Trichlorobenzene
Concen: 42.98 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.2	76.4	114.6
145	29.4	31.6	47.4#





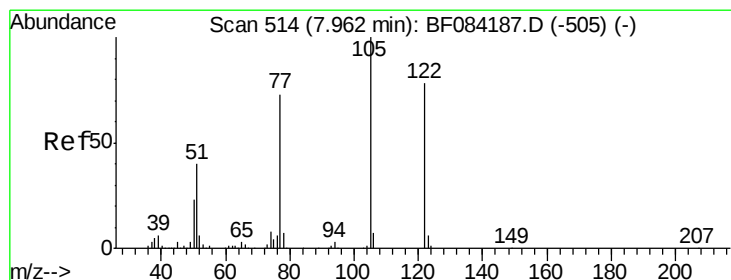
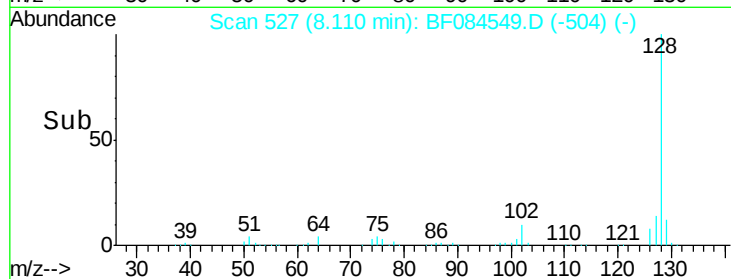
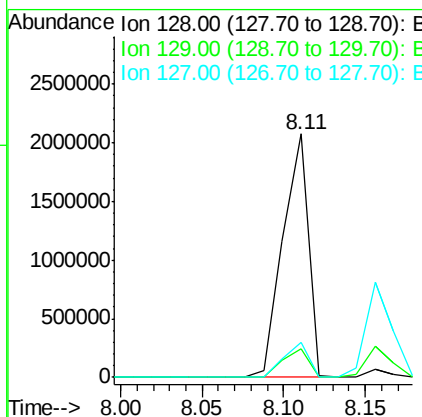
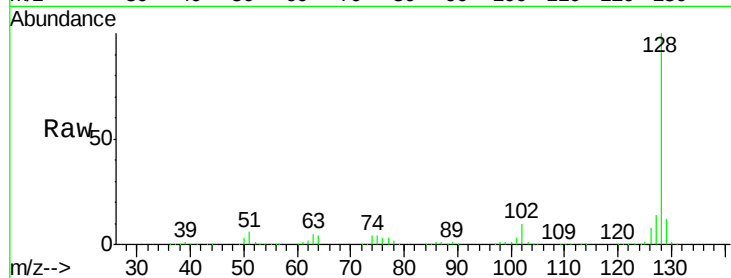
#31
Naphthalene
Concen: 43.50 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2270880
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 14.2 11.1 16.7

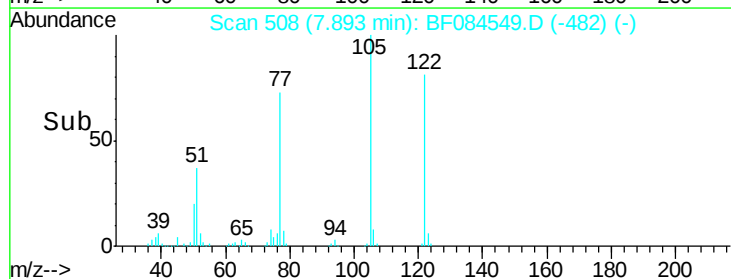
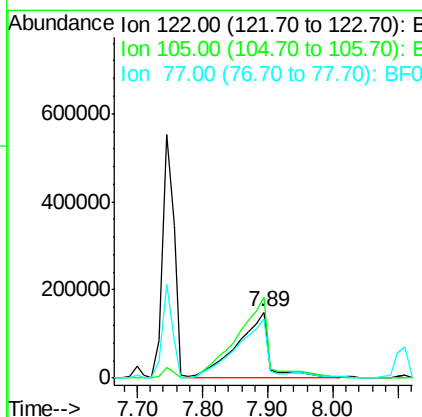
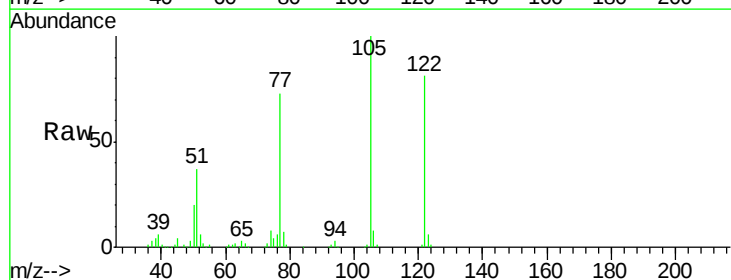
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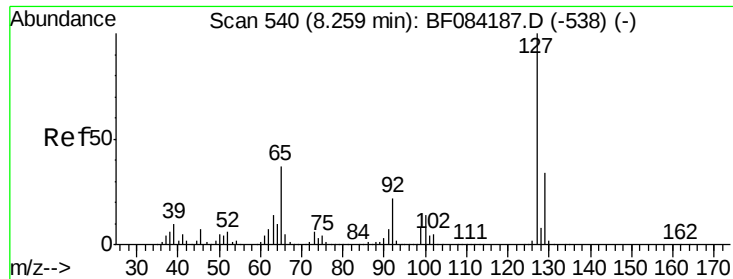
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#32
Benzoic acid
Concen: 41.18 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion:122 Resp: 499095
Ion Ratio Lower Upper
122 100
105 123.1 100.3 140.3
77 90.3 63.5 103.5





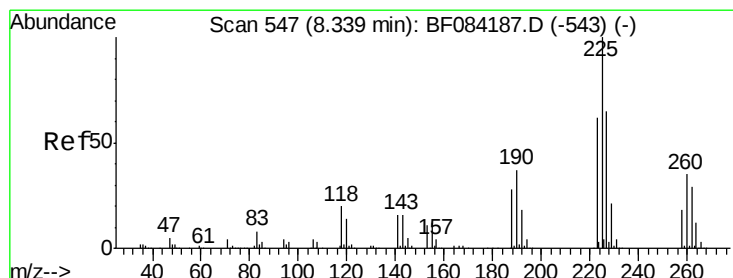
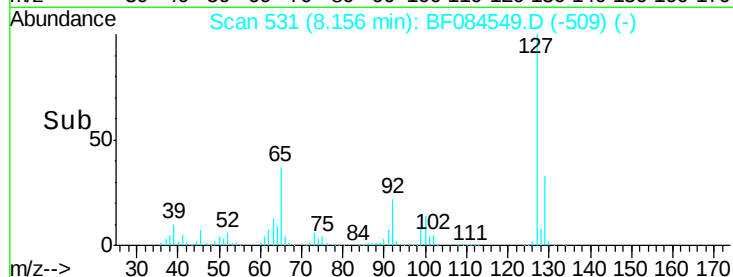
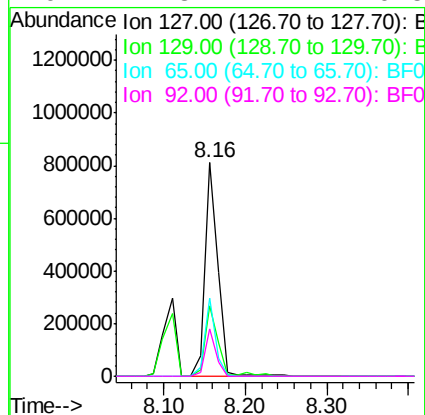
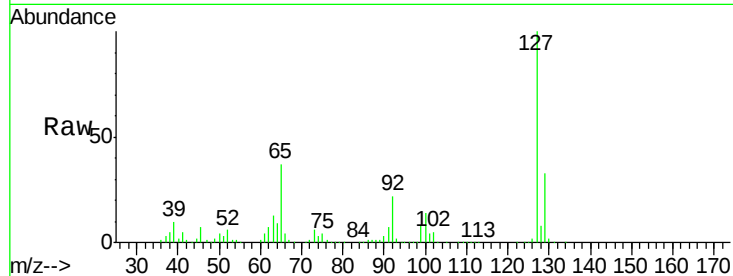
#33
4-Chloroaniline
Concen: 38.03 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		910254		
129	33.1	26.5	39.7		
65	36.7	27.2	40.8		
92	22.3	17.7	26.5		

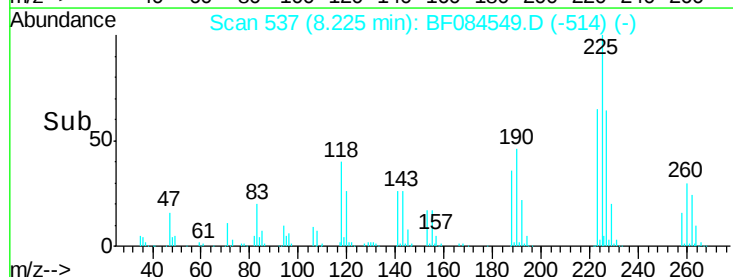
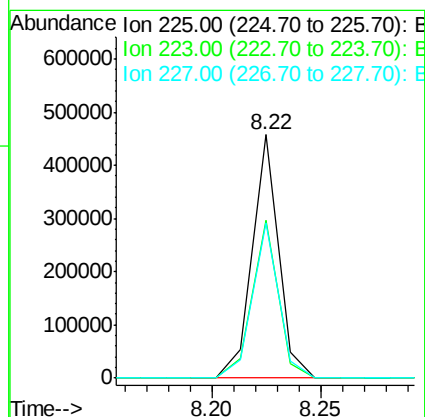
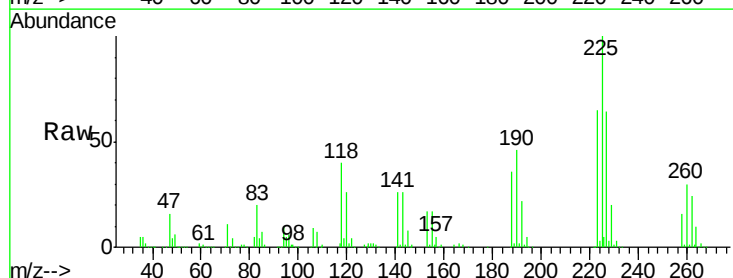
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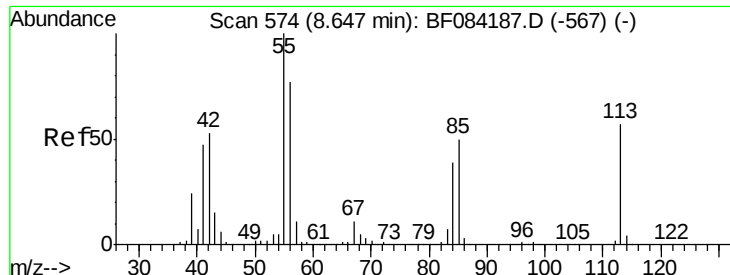
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#34
Hexachlorobutadiene
Concen: 40.20 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		383924		
223	64.7	49.4	74.0		
227	63.6	50.8	76.2		





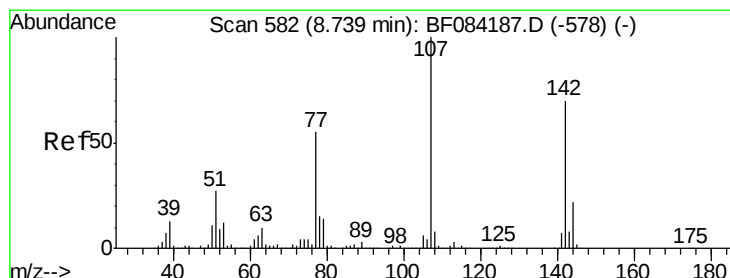
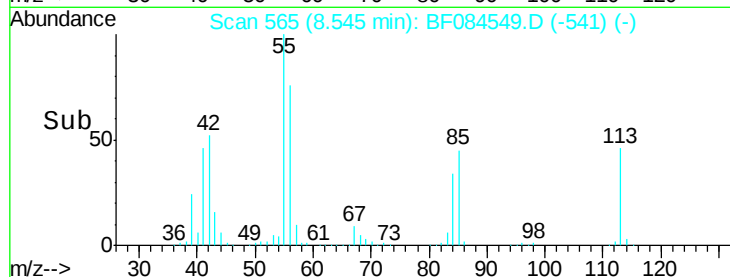
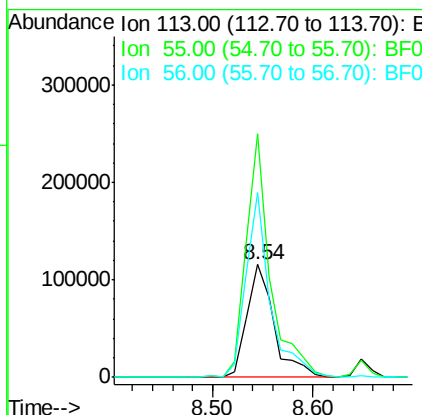
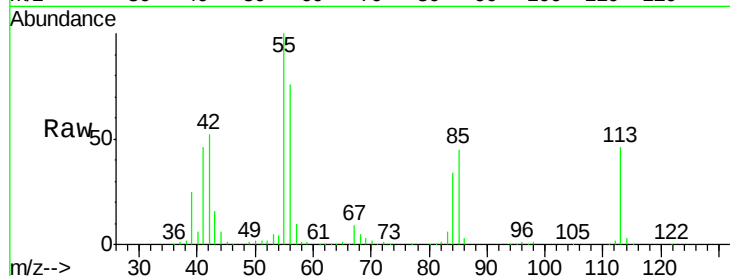
#35
 Caprolactam
 Concen: 40.01 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	215.5	116.9	156.9#
56	163.9	93.8	133.8#

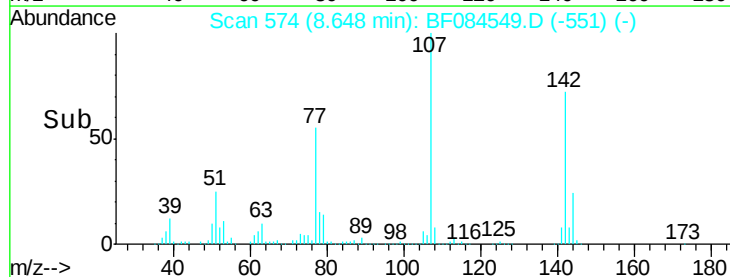
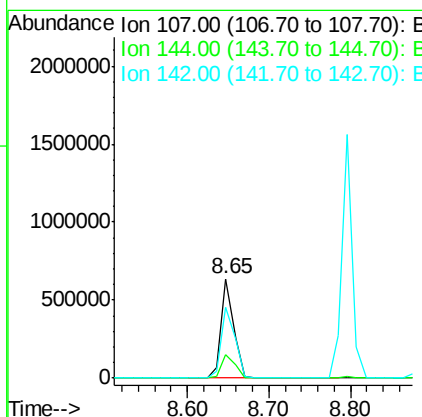
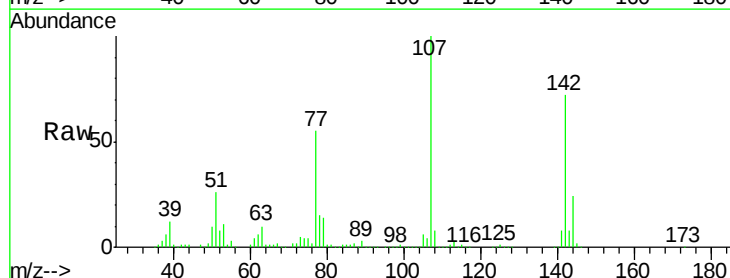
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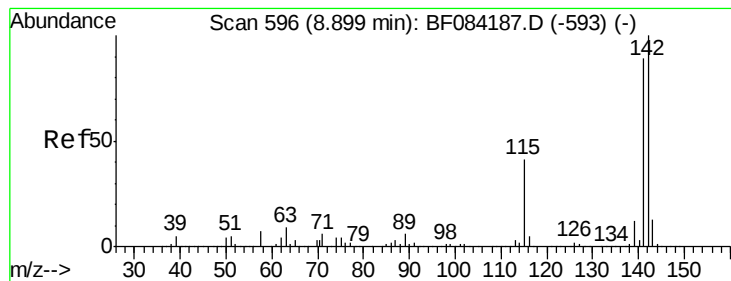
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#36
 4-Chloro-3-methylphenol
 Concen: 37.59 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.7	29.5
142	71.7	61.8	92.6





#37

2-Methylnaphthalene

Concen: 37.36 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 1400075

Ion Ratio Lower Upper

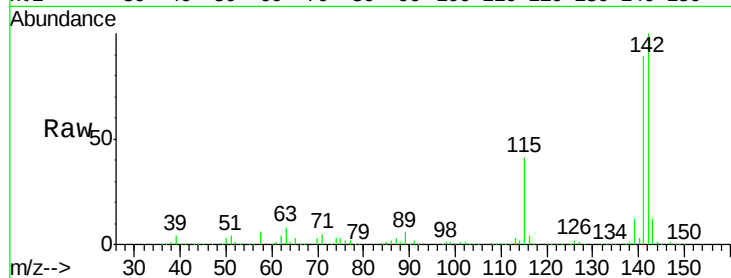
142 100

141 89.4 72.4 108.6

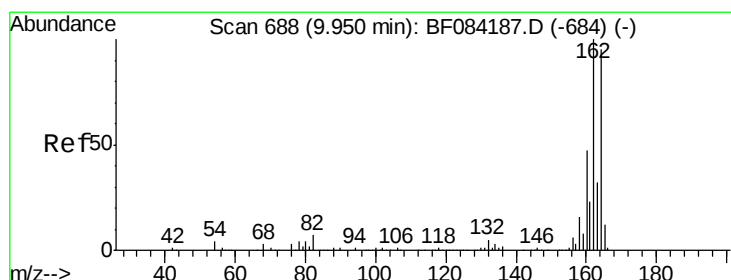
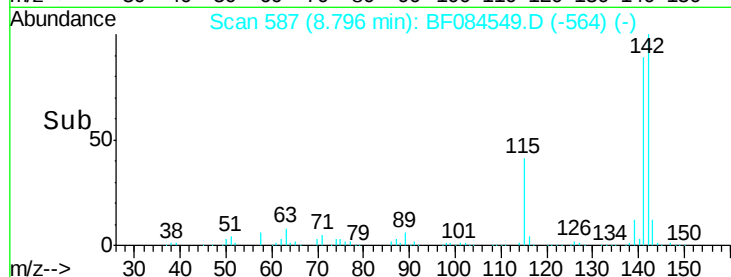
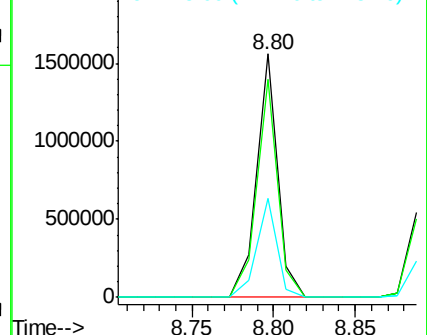
115 40.6 27.9 41.9

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

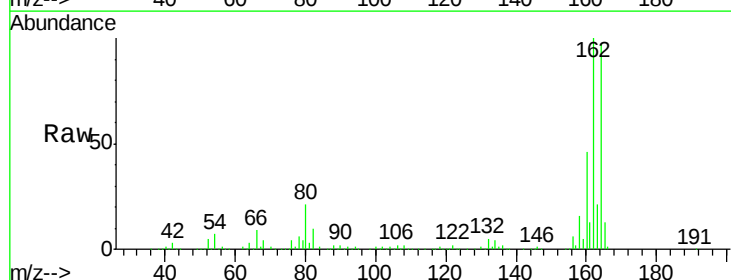
Tgt Ion:164 Resp: 516613

Ion Ratio Lower Upper

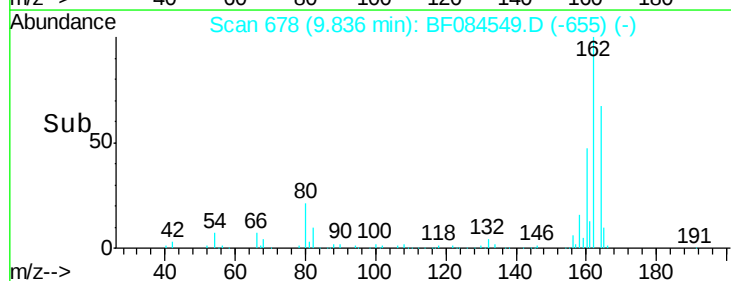
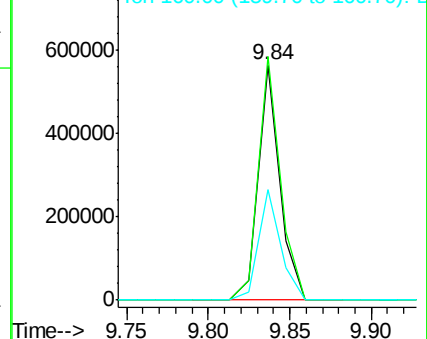
164 100

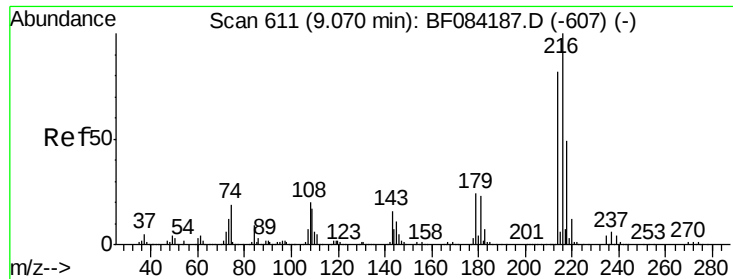
162 103.6 85.1 127.7

160 47.3 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





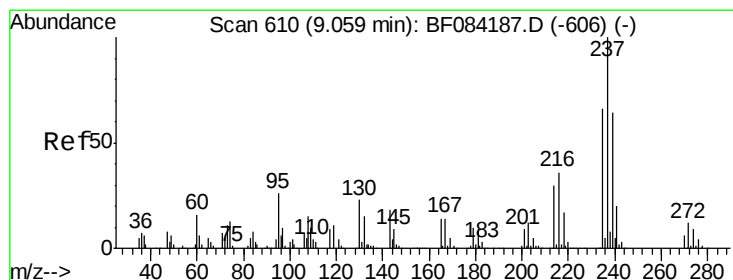
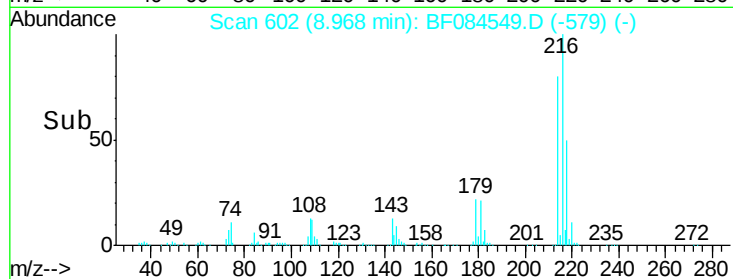
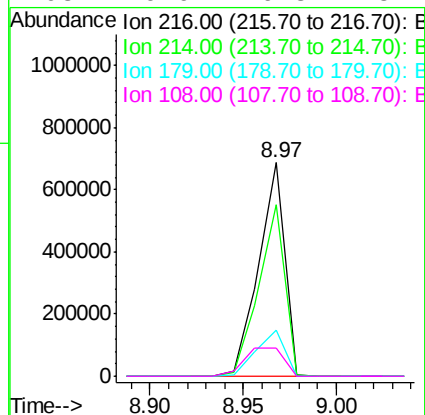
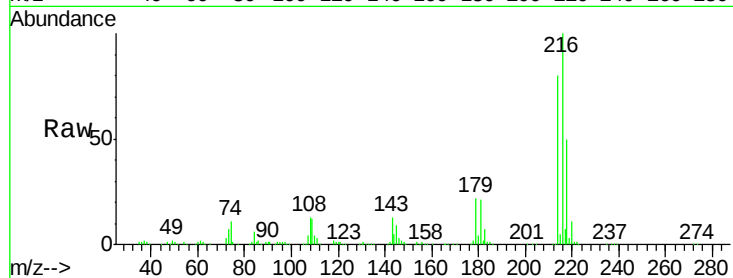
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.67 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		678223		
214	80.1		64.2	96.2	
179	23.5		18.7	28.1	
108	19.9		16.8	25.2	

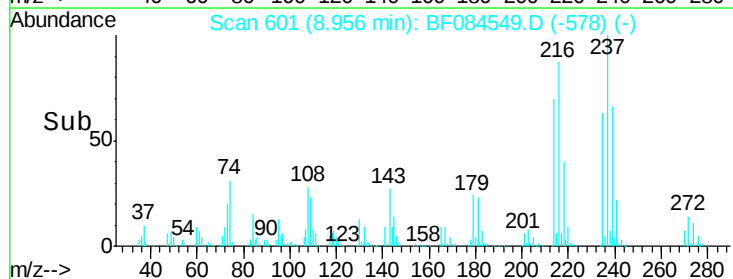
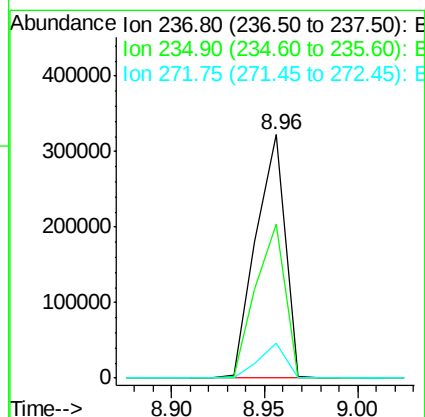
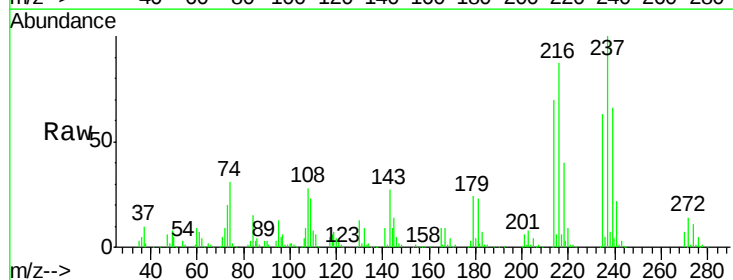
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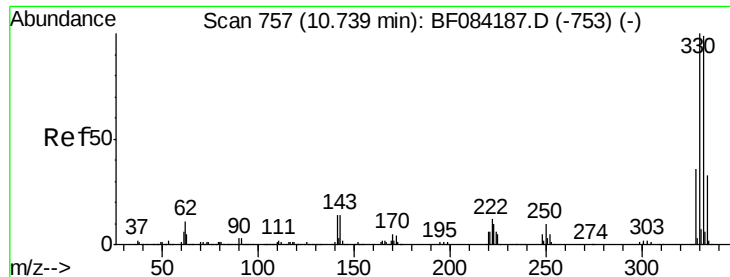
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#40
 Hexachlorocyclopentadiene
 Concen: 38.96 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		349314		
235	63.2		43.1	83.1	
272	14.3		0.0	35.1	





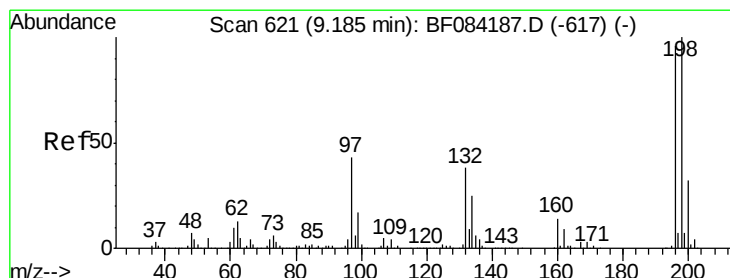
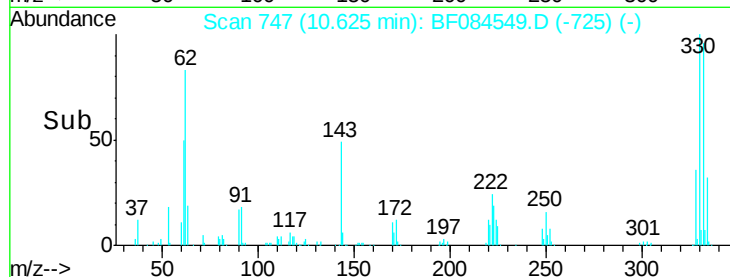
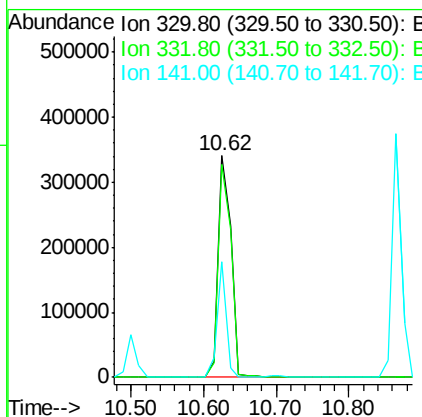
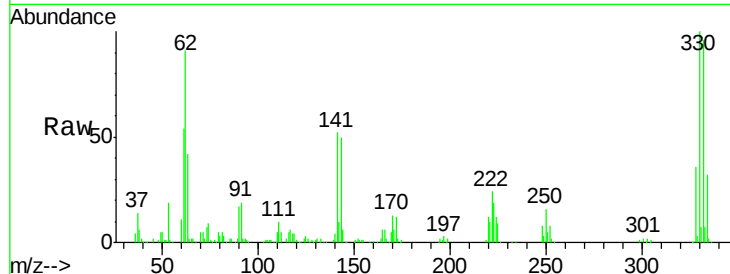
#41
 2,4,6-Tribromophenol
 Concen: 80.88 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Instrument :
 BNA_F
 ClientSampleID :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	76.6	114.8	
141	36.8	27.8	41.6	

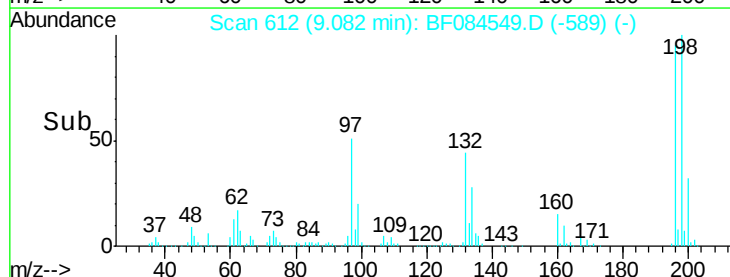
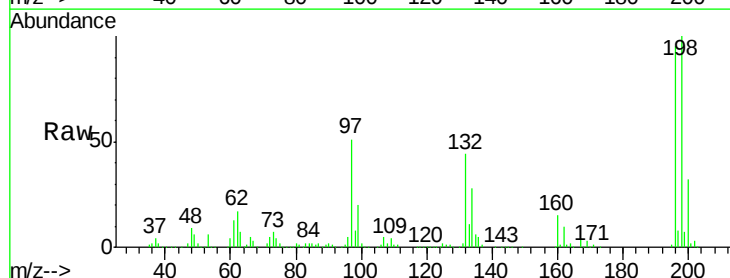
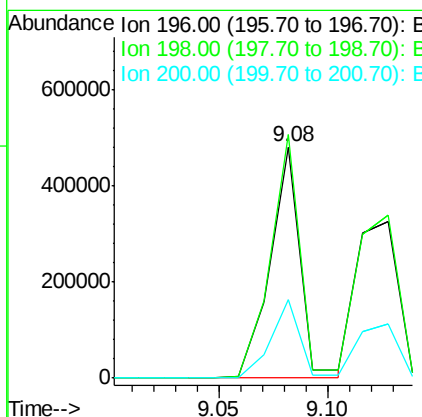
Manual Integrations
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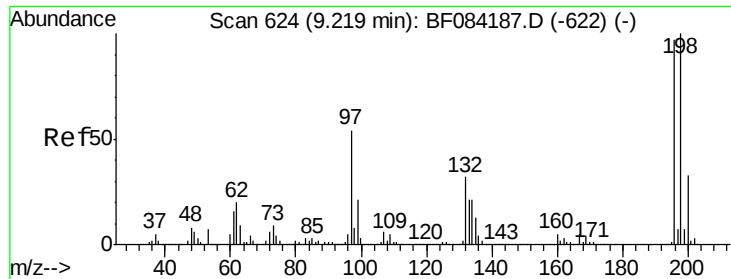
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 41.63 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	105.4	77.7	116.5	
200	33.8	24.6	37.0	





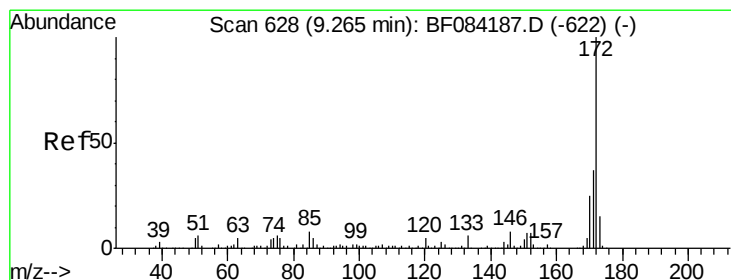
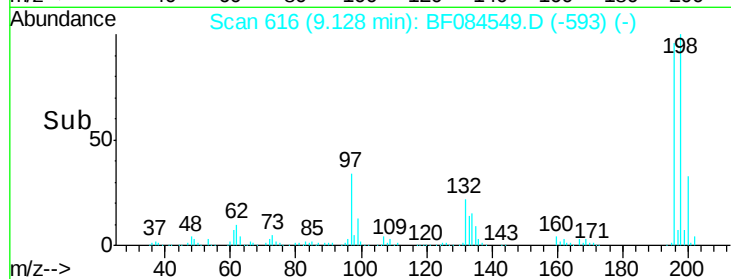
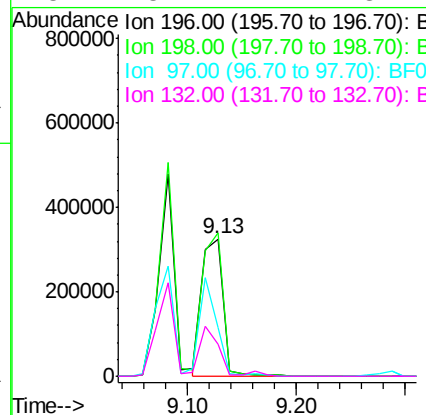
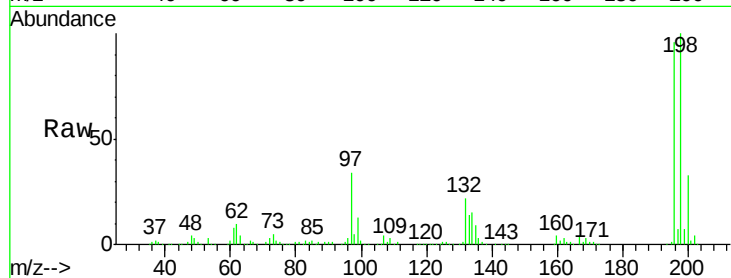
#43
 2,4,5-Trichlorophenol
 Concen: 41.76 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	444780
Ion Ratio	Lower	Upper	
196	100		
198	104.5	79.0	118.6
97	35.5	33.0	49.6
132	23.1	21.1	31.7

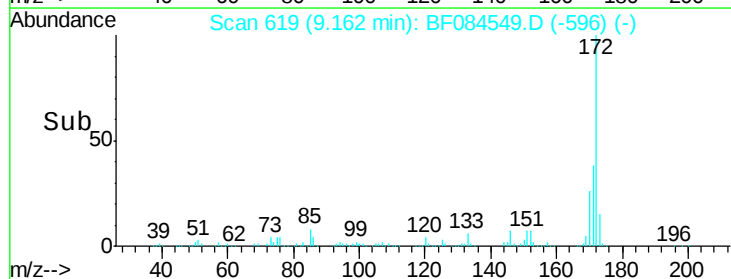
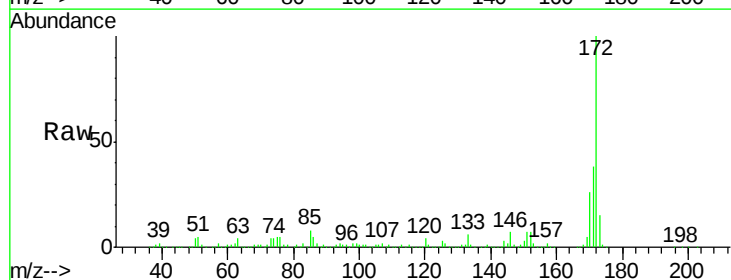
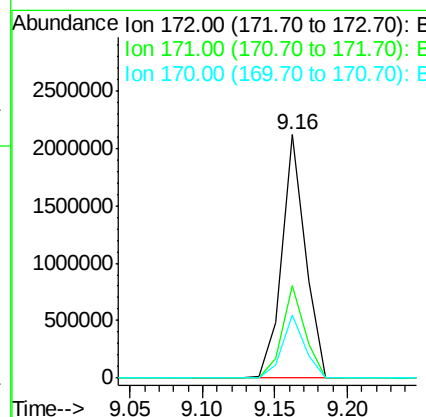
Manual Integrations
 APPROVED

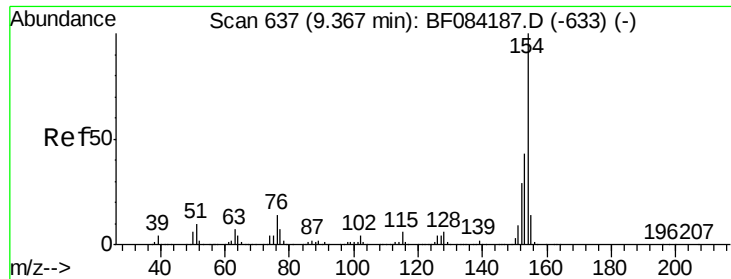
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 80.31 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Tgt Ion:	172	Resp:	2368617
Ion Ratio	Lower	Upper	
172	100		
171	38.1	28.9	43.3
170	25.9	18.6	27.8





#45
 1,1'-Biphenyl
 Concen: 43.12 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

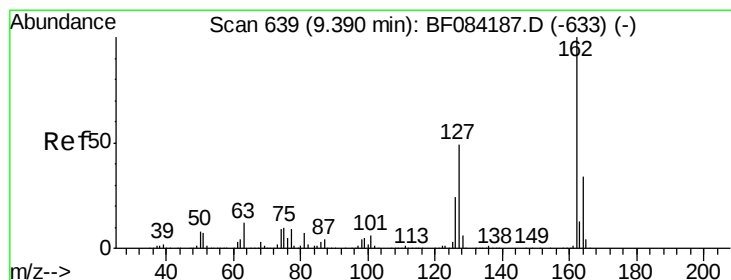
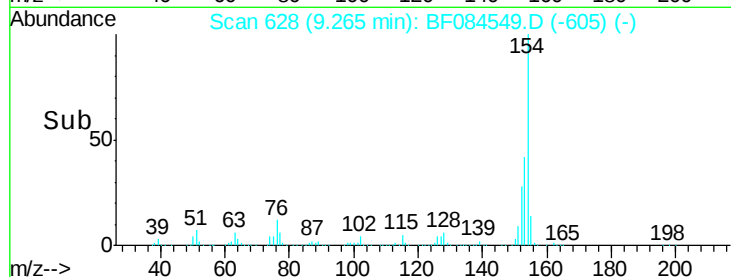
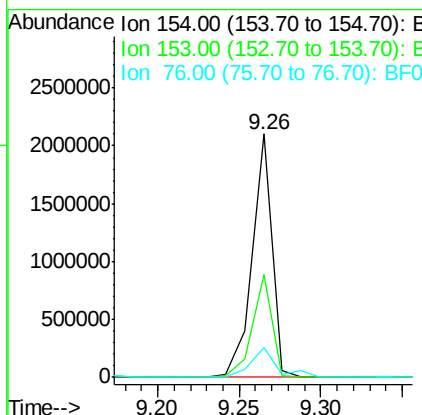
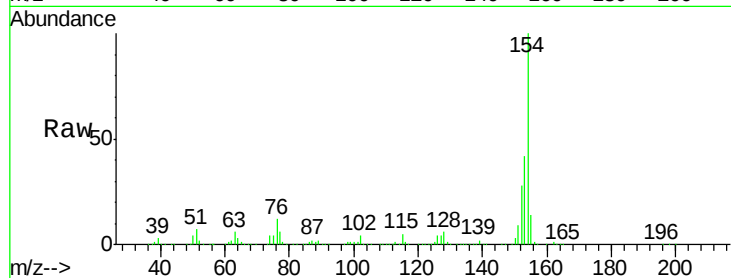
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:154 Resp: 1770443

Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.6	61.6
76	12.3	0.0	32.7

Manual Integrations
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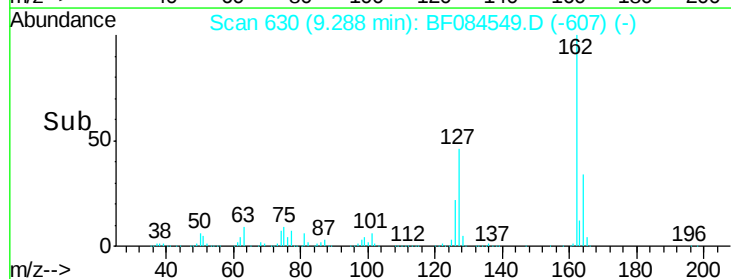
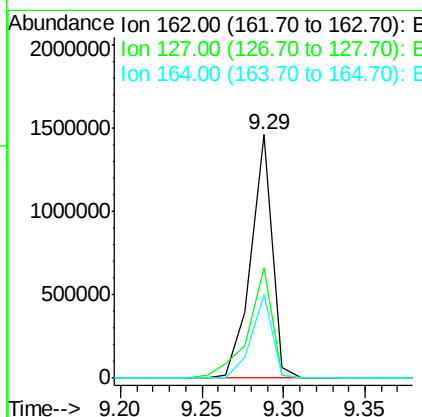
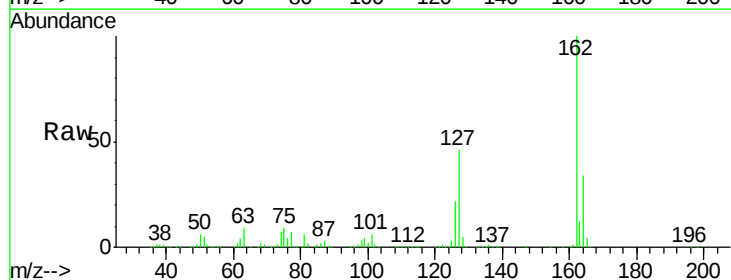
mohammad
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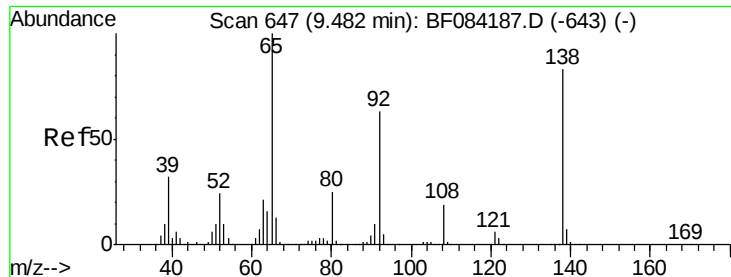


#46
 2-Chloronaphthalene
 Concen: 41.27 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Tgt Ion:162 Resp: 1331080

Ion	Ratio	Lower	Upper
162	100		
127	45.6	40.2	60.4
164	34.4	25.7	38.5





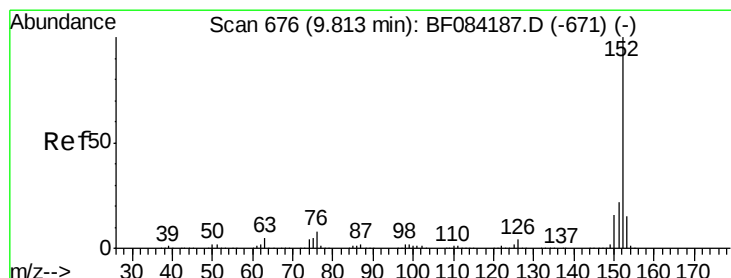
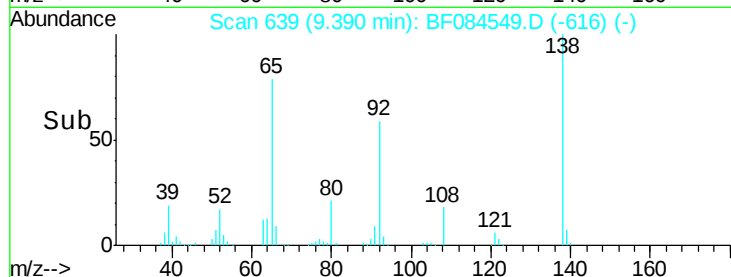
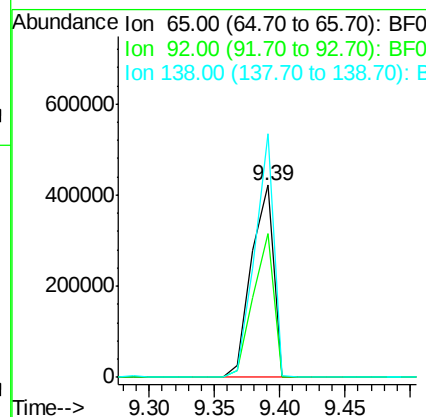
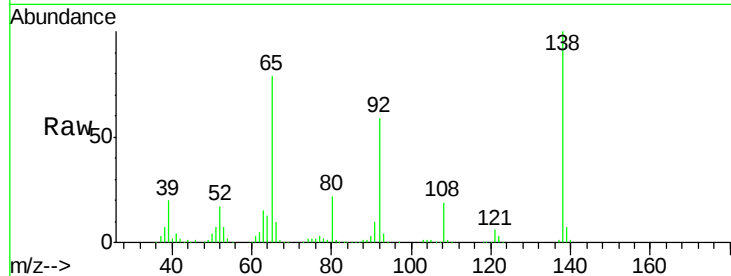
#47
2-Nitroaniline
Concen: 46.98 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.9	53.4	80.2
138	126.6	71.1	106.7

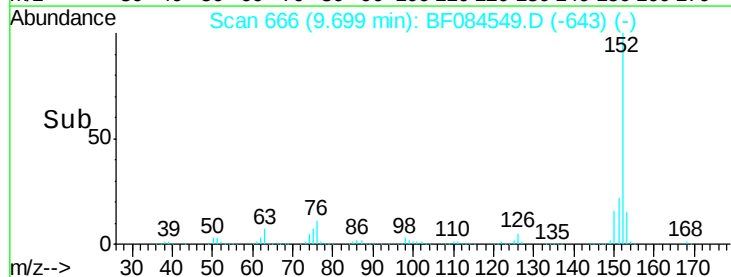
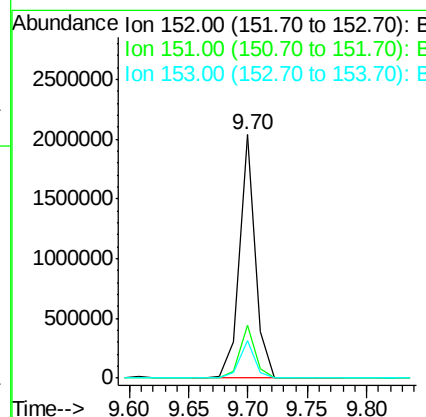
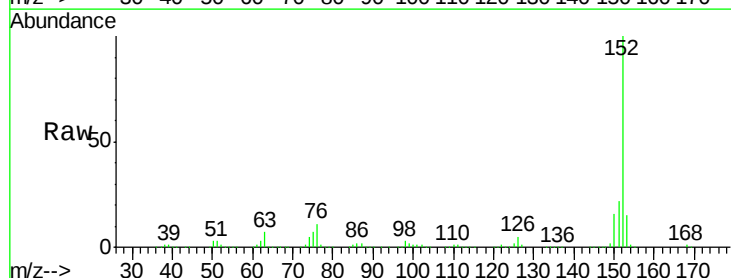
Manual Integrations
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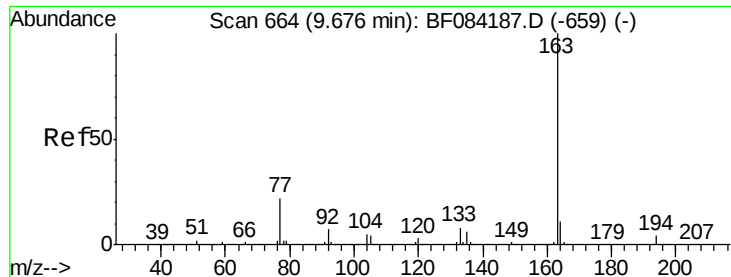
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#48
Acenaphthylene
Concen: 39.57 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.3	24.5
153	15.3	10.4	15.6





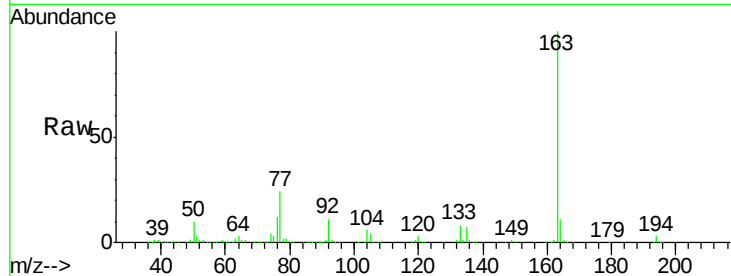
#49
Dimethylphthalate
Concen: 41.54 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

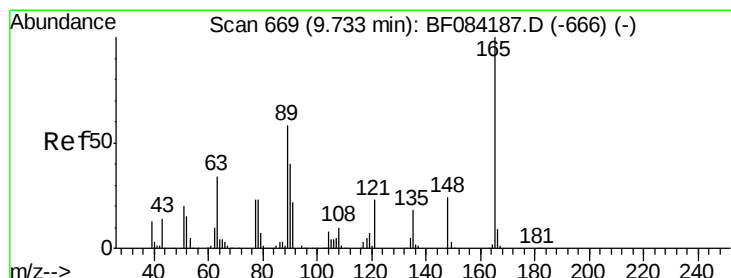
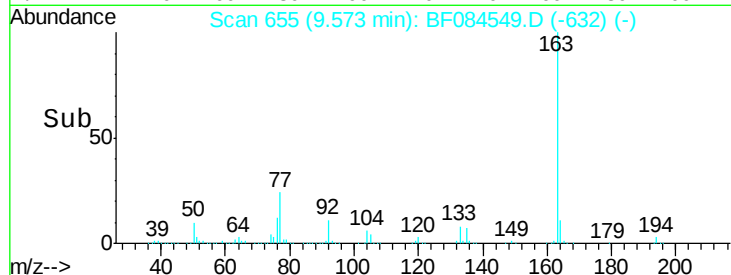
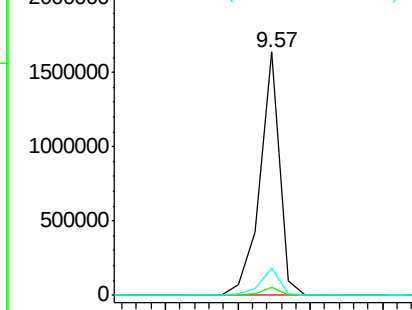
Tot Ion:163 Resp: 1534061
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 11.1 8.0 12.0

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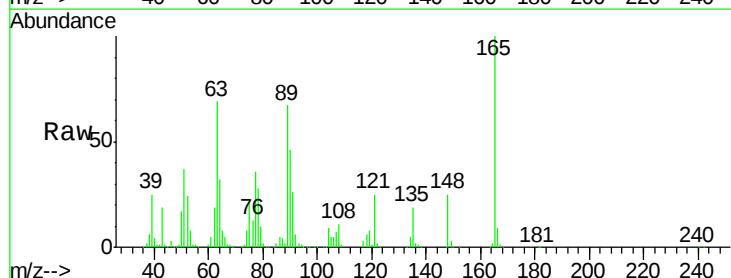


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

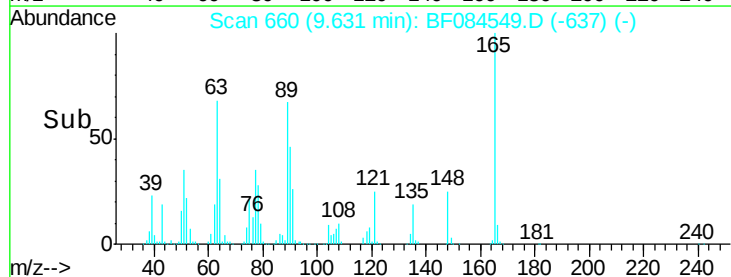
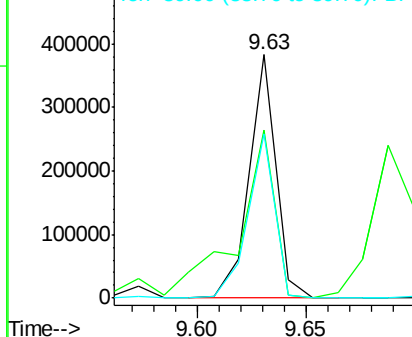


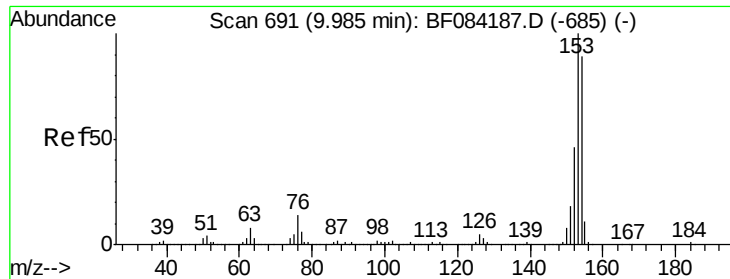
#50
2,6-Dinitrotoluene
Concen: 40.36 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion:165 Resp: 326898
Ion Ratio Lower Upper
165 100
63 69.3 28.8 43.2#
89 67.4 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.89 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1338795

Ion Ratio Lower Upper

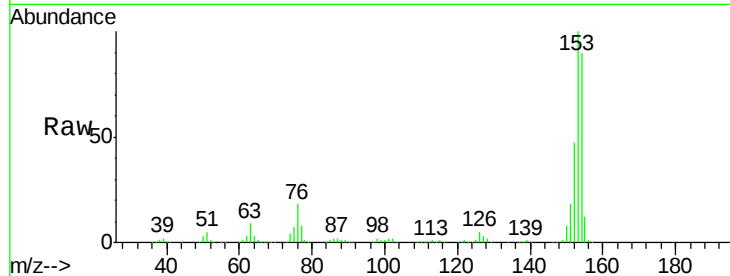
154 100

153 110.8 91.5 137.3

152 51.8 43.0 64.6

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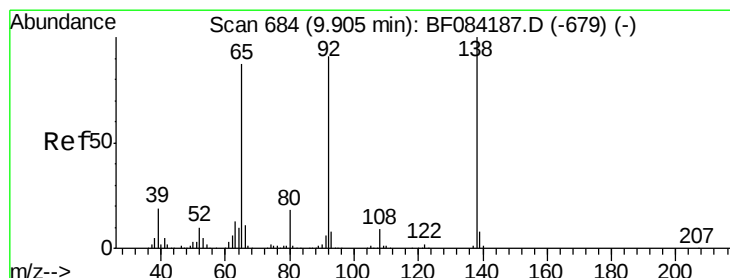
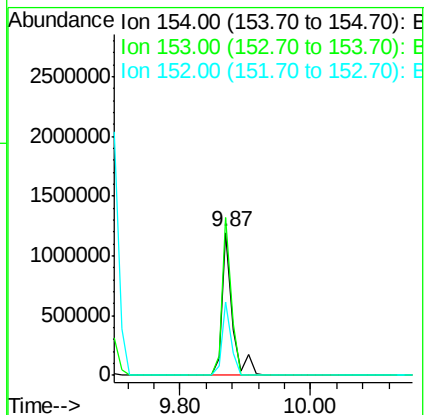
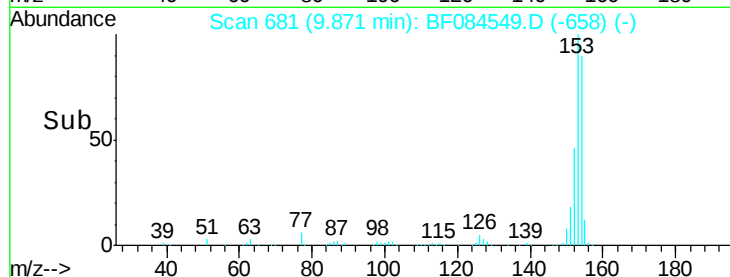
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.17 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

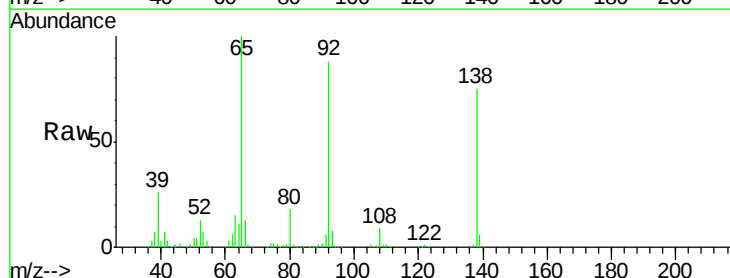
Tgt Ion:138 Resp: 443297

Ion Ratio Lower Upper

138 100

108 11.4 10.5 15.7

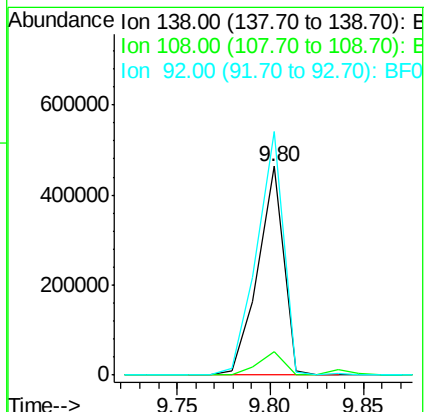
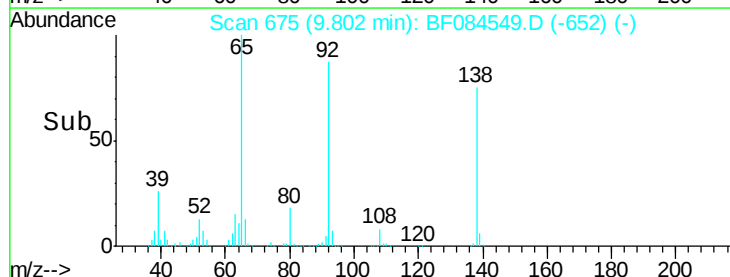
92 116.7 103.9 155.9

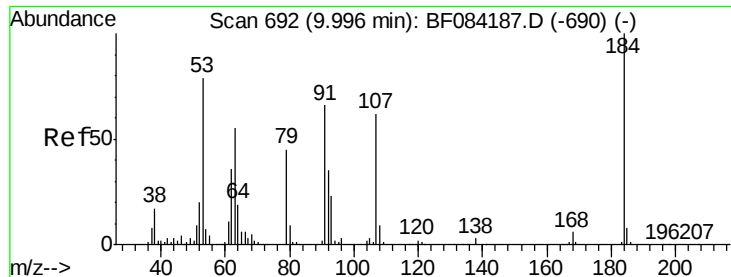


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





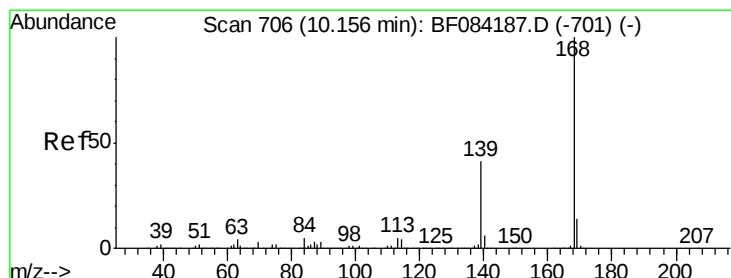
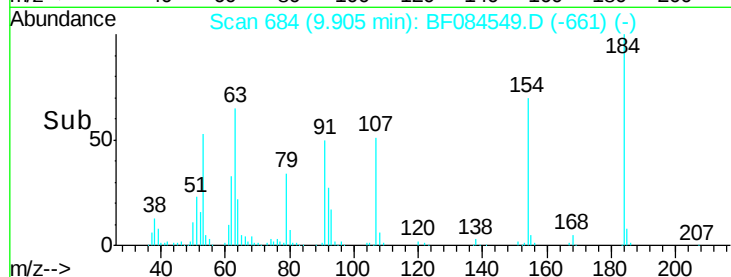
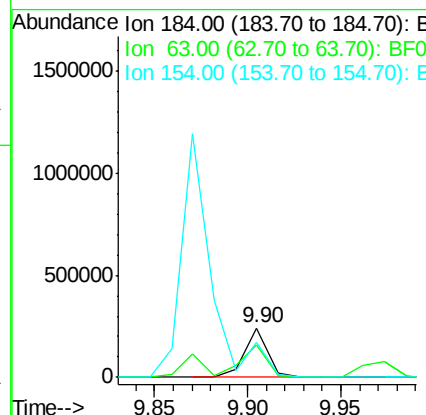
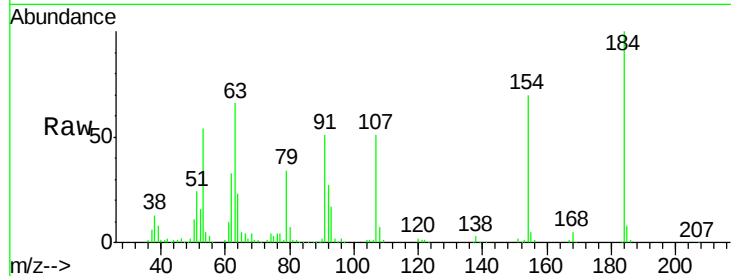
#53
2,4-Dinitrophenol
Concen: 62.90 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	214303		
63	66.3	43.1	64.7	#
154	69.9	60.5	90.7	

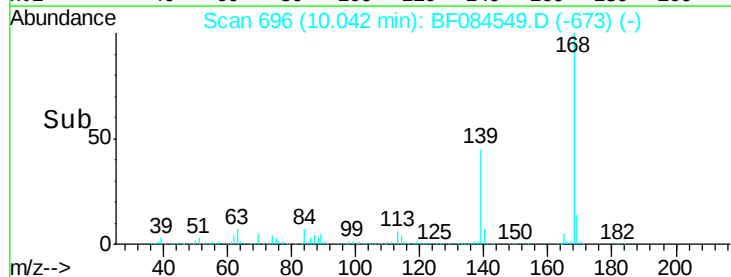
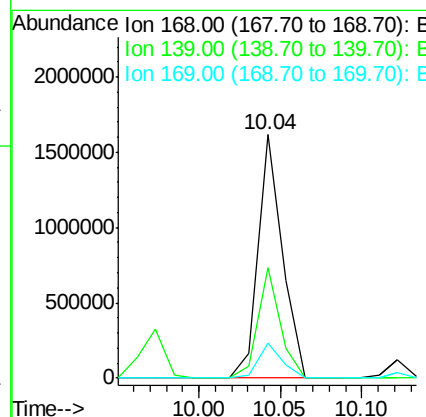
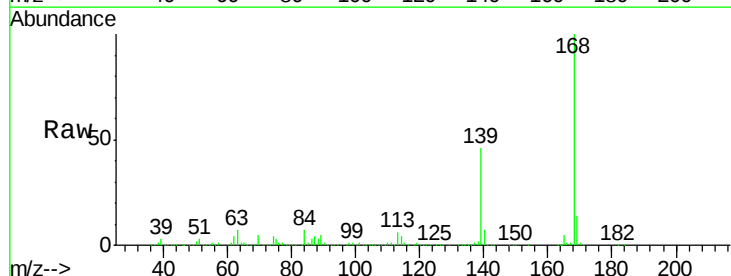
Manual Integrations
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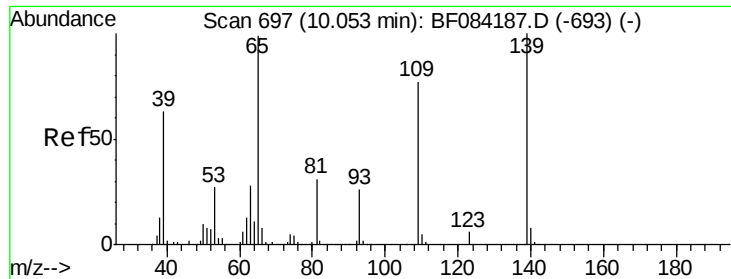
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#54
Dibenzofuran
Concen: 40.14 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1674802		
139	45.6	30.5	45.7	
169	14.4	10.4	15.6	





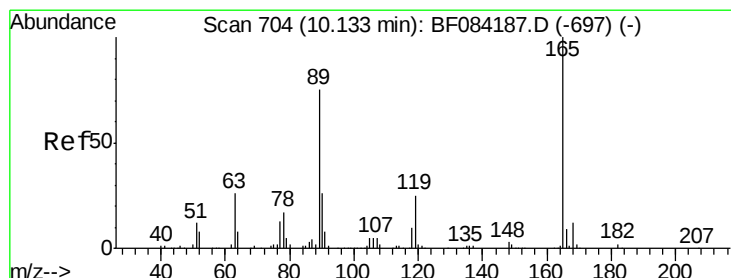
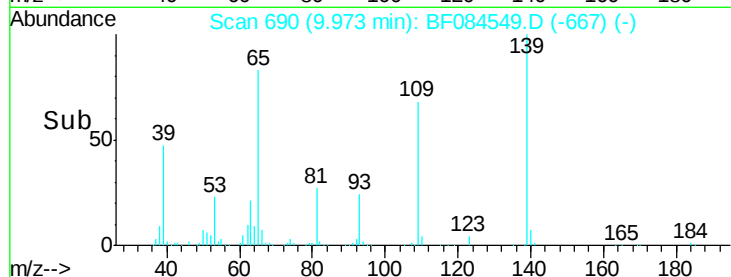
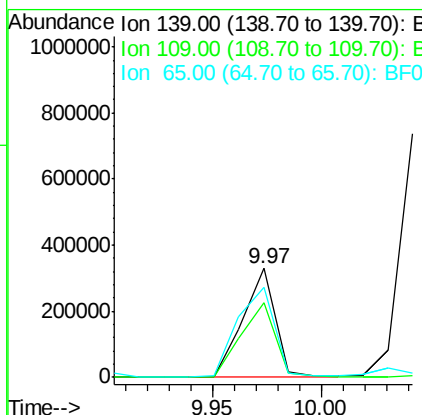
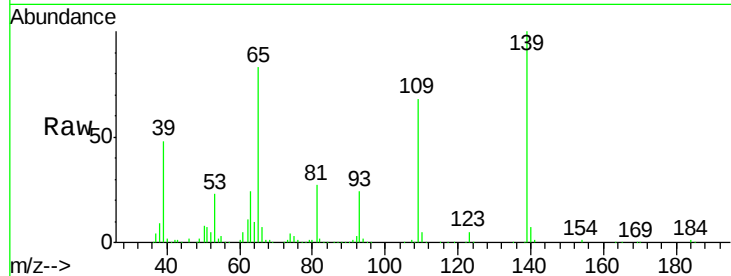
#55
4-Nitrophenol
Concen: 47.11 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	343240		
109	68.4	58.5	98.5	
65	82.9	57.6	97.6	

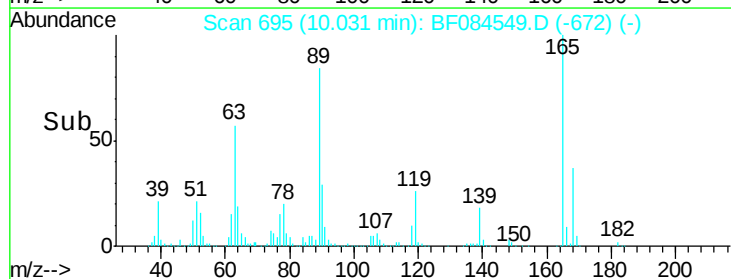
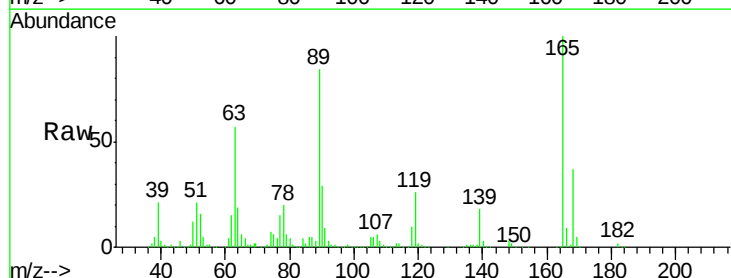
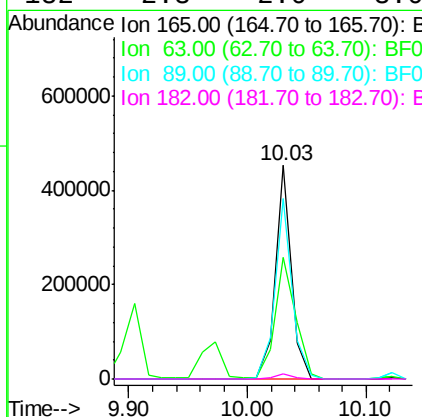
Manual Integrations
APPROVED

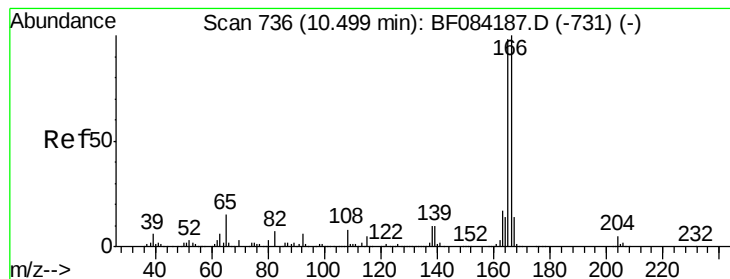
mohammad
1/20/2016 2:22:23 PM



#56
2,4-Dinitrotoluene
Concen: 40.90 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	419265		
63	57.0	36.7	55.1#	
89	84.4	61.9	92.9	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 39.23 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1265613

Ion Ratio Lower Upper

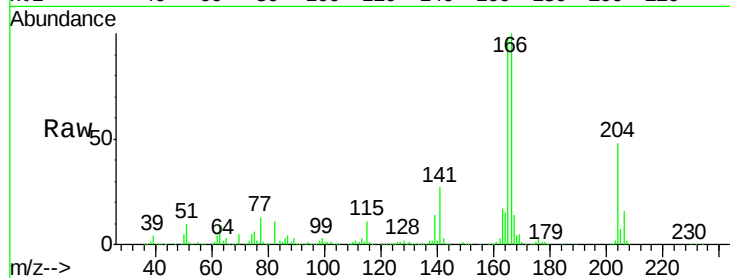
166 100

165 98.3 79.1 118.7

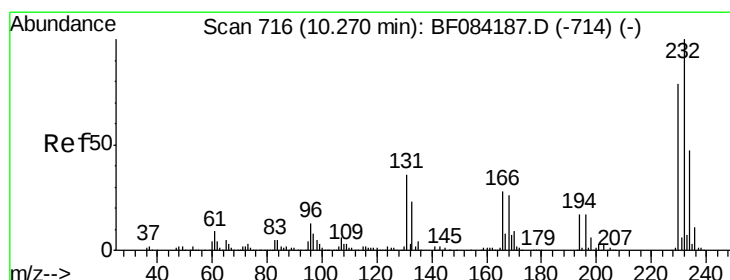
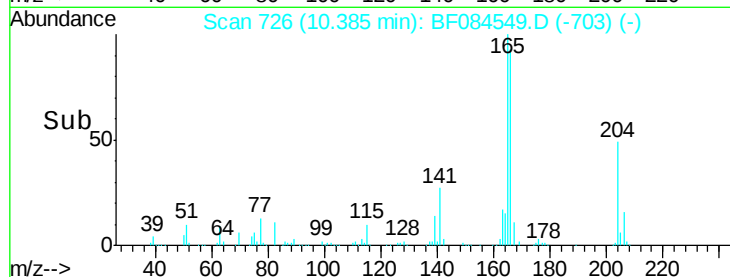
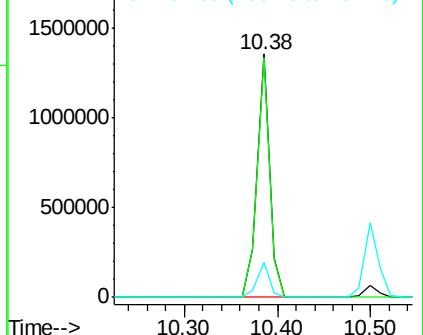
167 14.3 10.4 15.6

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.43 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Tgt Ion:232 Resp: 404073

Ion Ratio Lower Upper

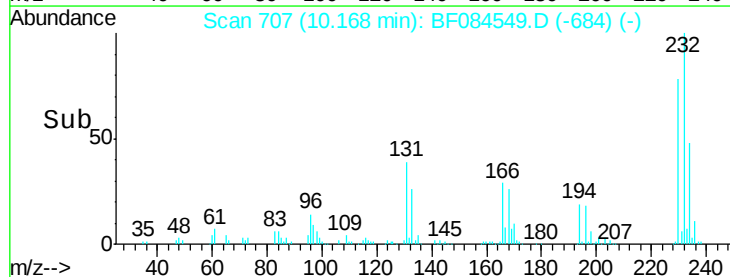
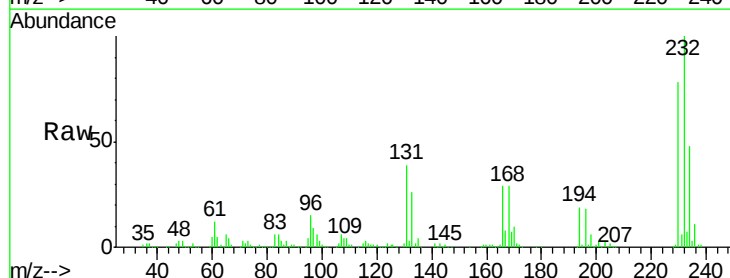
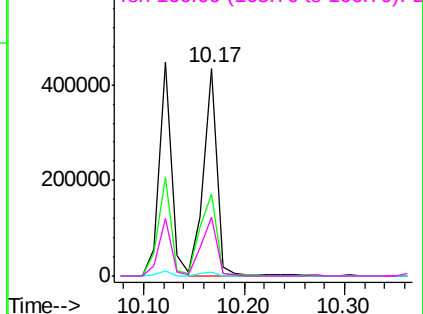
232 100

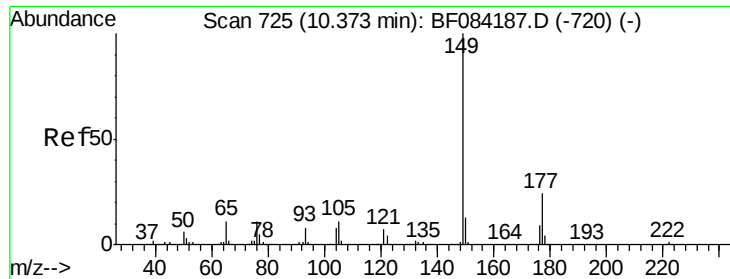
131 47.6 47.0 70.6

130 2.4 2.0 3.0

166 31.9 30.5 45.7

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





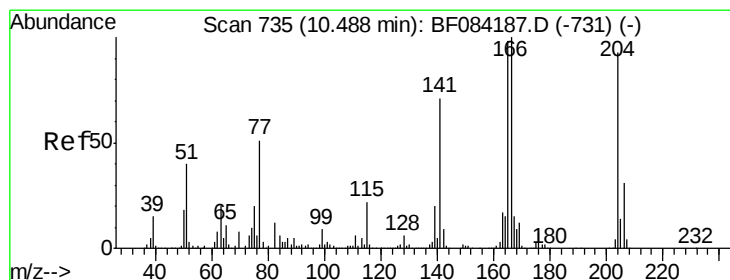
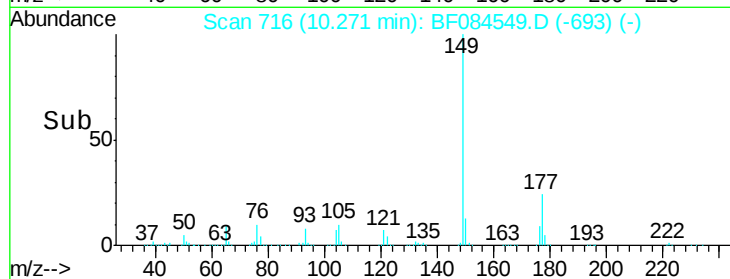
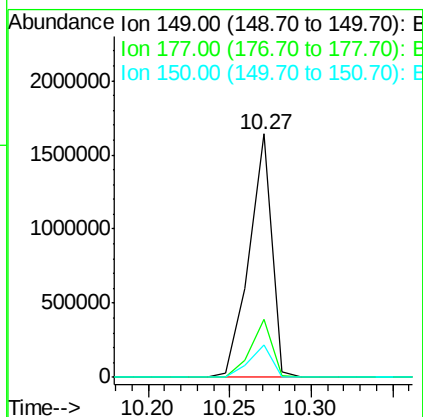
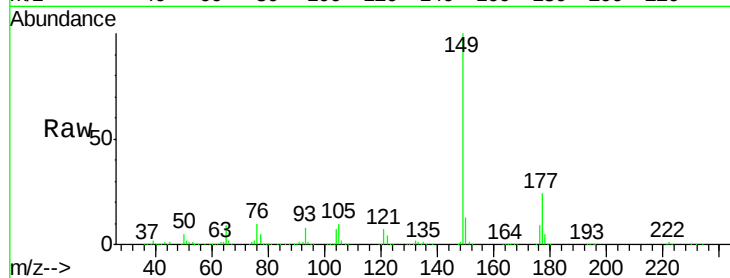
#59
Diethylphthalate
Concen: 43.60 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1587684
Ion Ratio Lower Upper
149 100
177 23.6 17.3 25.9
150 13.2 9.8 14.8

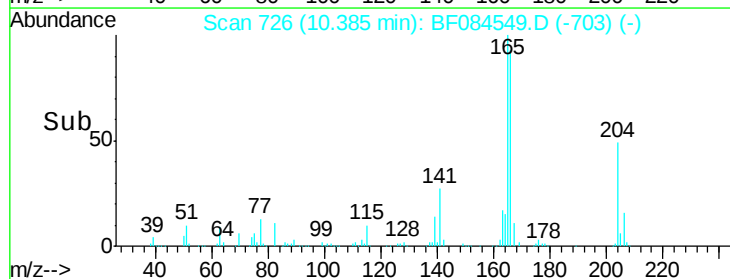
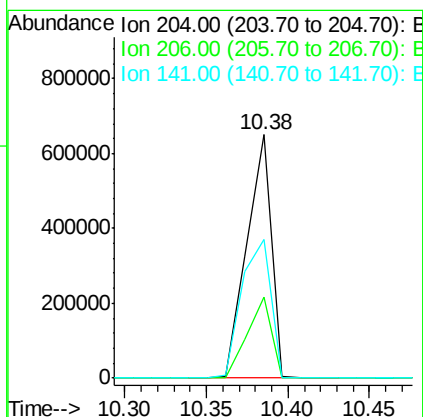
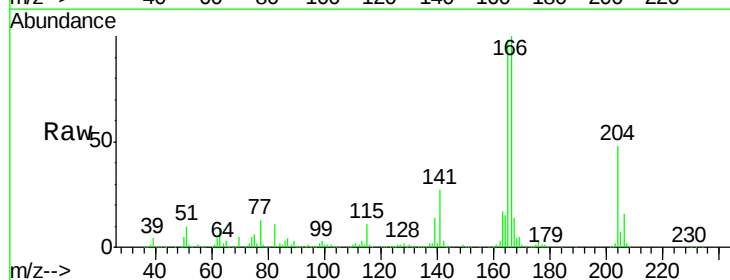
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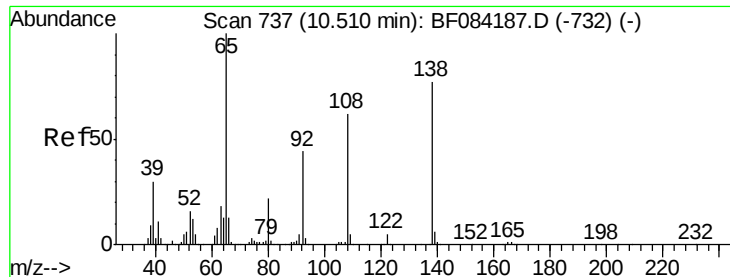
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 51.16 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion:204 Resp: 676304
Ion Ratio Lower Upper
204 100
206 33.4 25.7 38.5
141 56.7 55.1 82.7





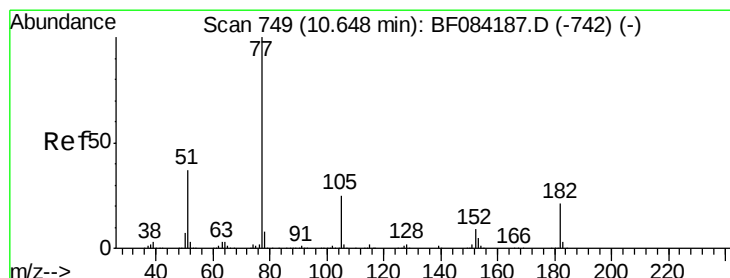
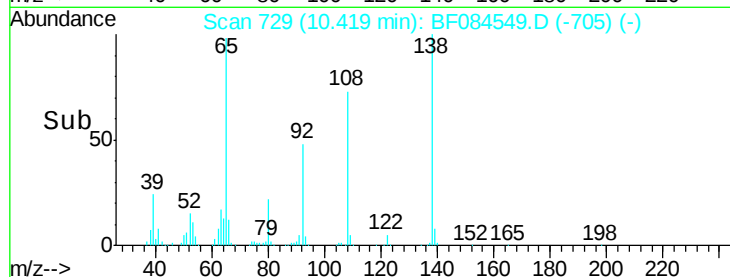
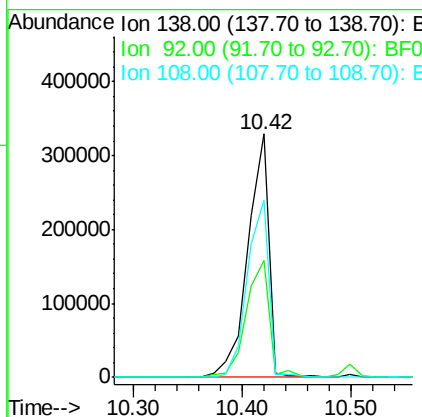
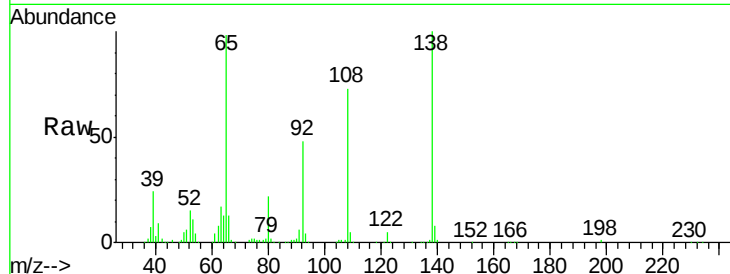
#61
4-Nitroaniline
Concen: 49.54 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.1	32.6	72.6
108	72.8	68.6	108.6

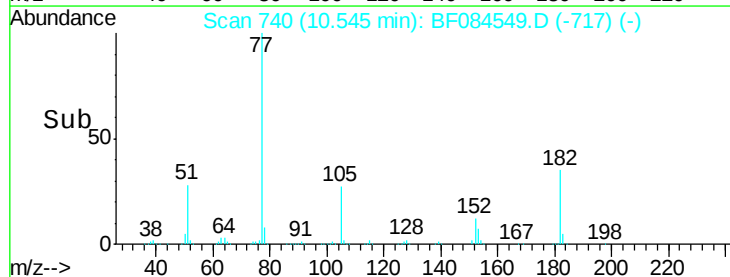
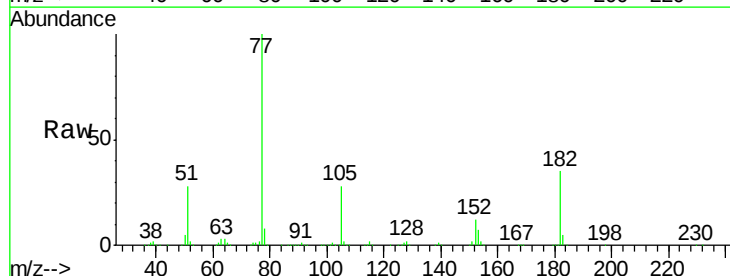
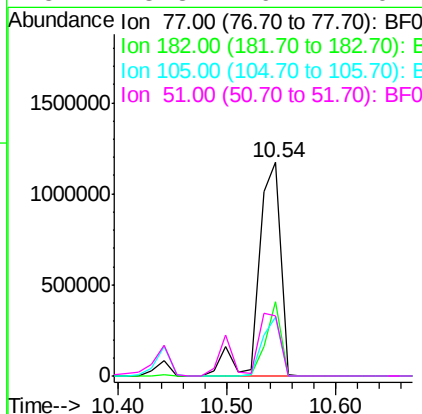
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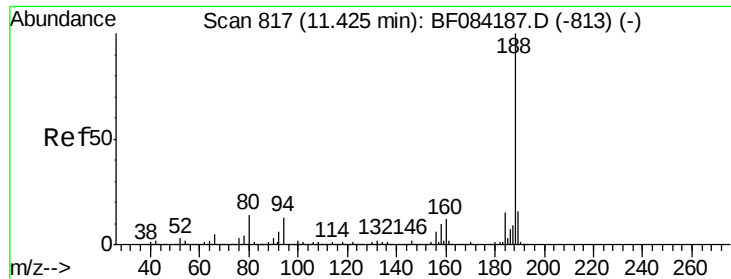
mohammad
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#62
Azobenzene
Concen: 41.82 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.5	8.3	48.3
105	27.6	4.6	44.6
51	28.3	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

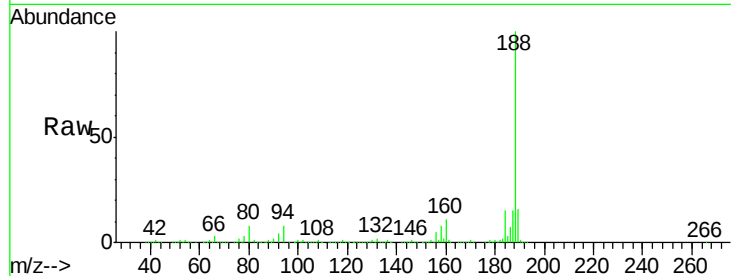
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		997189		
94	7.7		9.0	13.4#	
80	7.9		9.6	14.4#	

Manual Integrations
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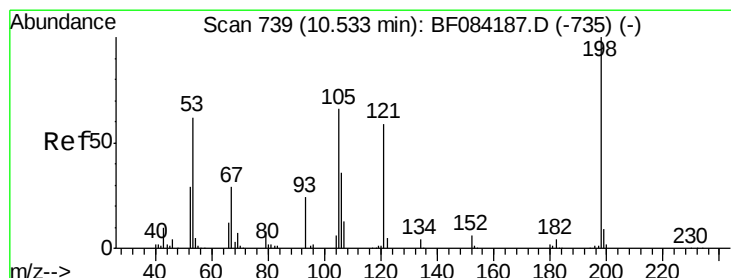
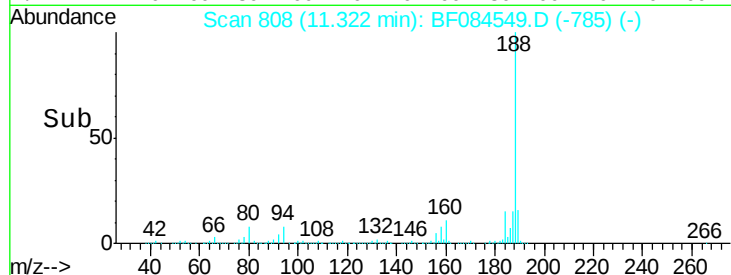
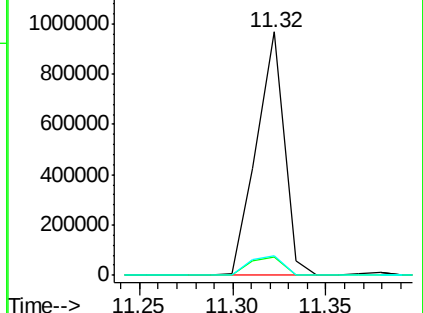
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.94 ng

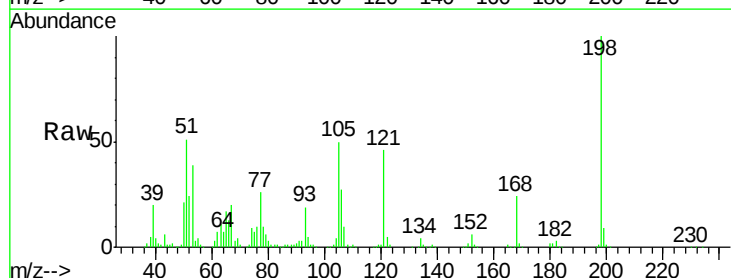
RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

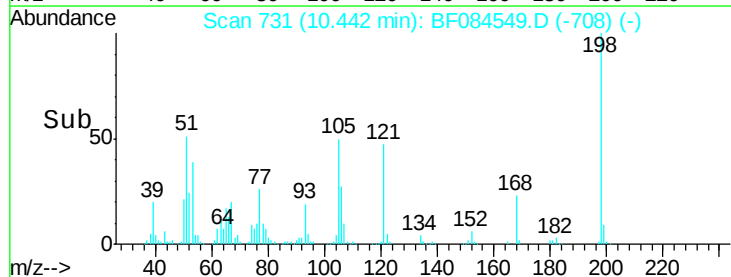
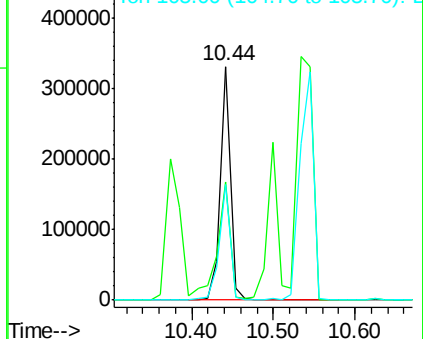
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
198	100		284068		
51	50.6		18.9	58.9	
105	49.6		26.4	66.4	

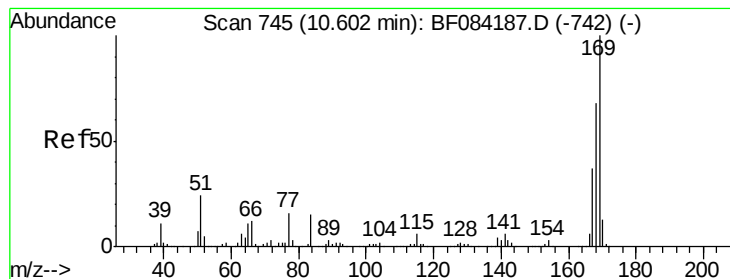


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.66 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1168838

Ion Ratio Lower Upper

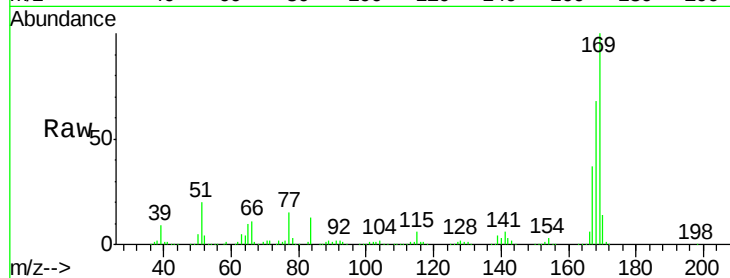
169 100

168 68.0 55.1 82.7

167 37.2 30.0 45.0

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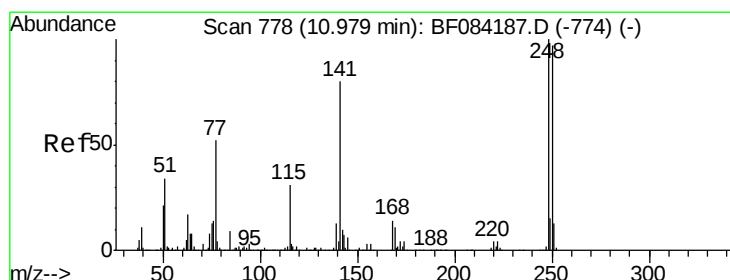
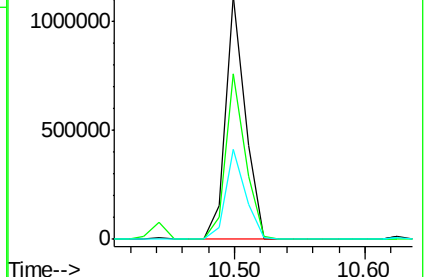
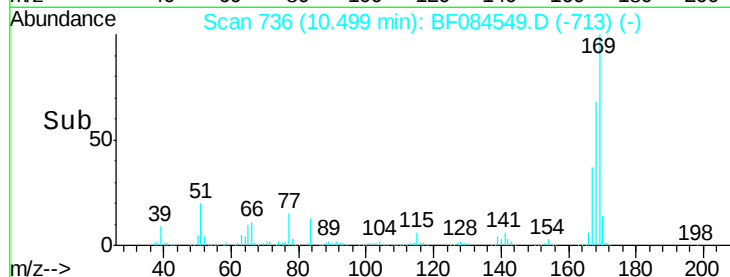
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.04 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

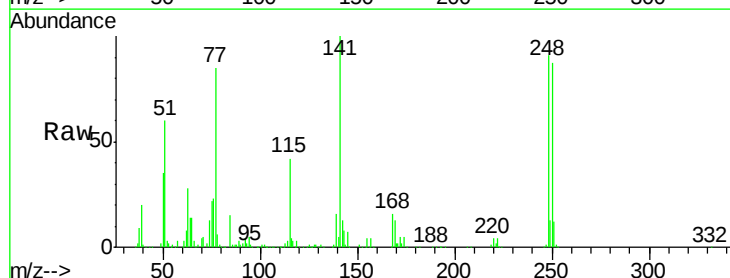
Tgt Ion:248 Resp: 418988

Ion Ratio Lower Upper

248 100

250 96.3 78.4 117.6

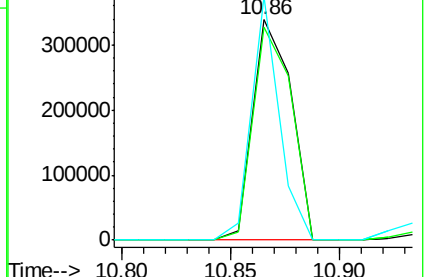
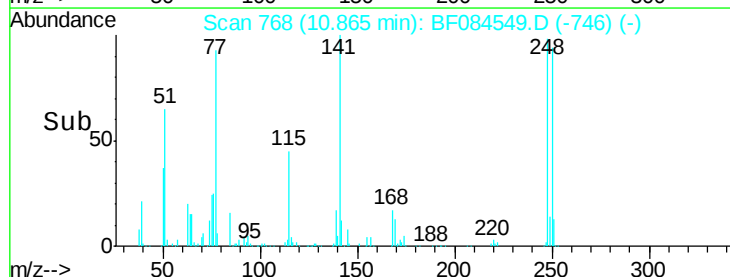
141 110.4 44.0 66.0#

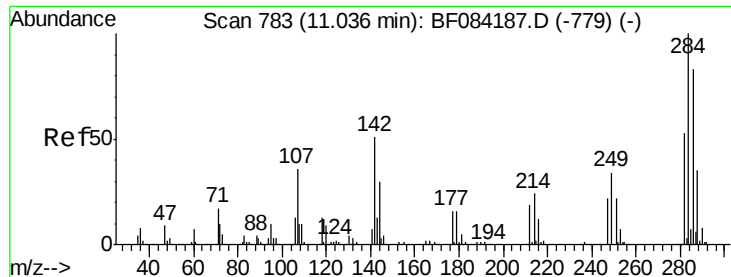


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





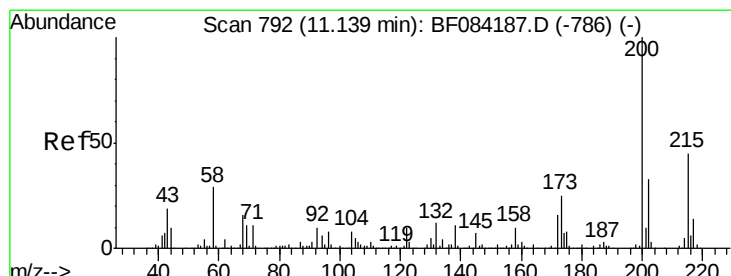
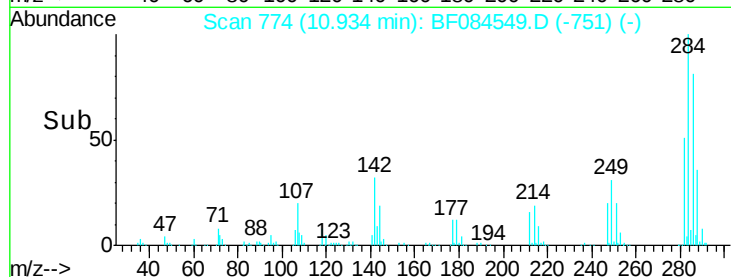
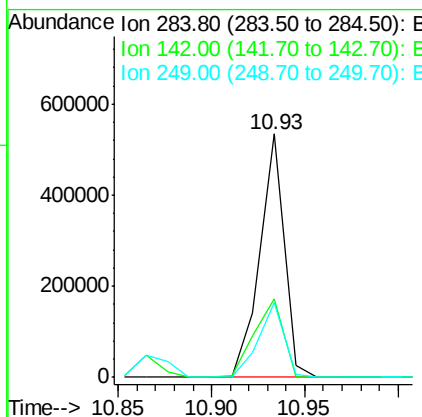
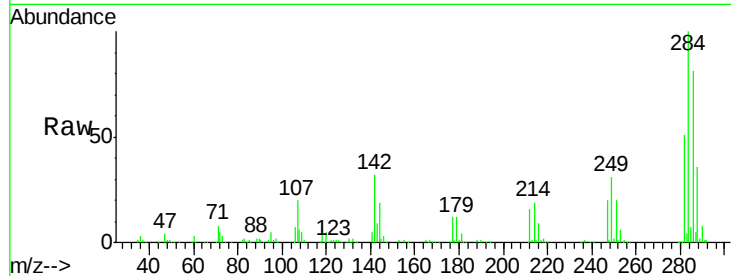
#67
Hexachlorobenzene
Concen: 39.94 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	482454		
142	32.3	22.2	33.4	
249	30.8	24.6	37.0	

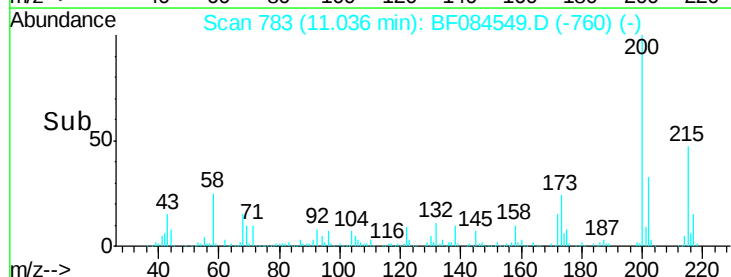
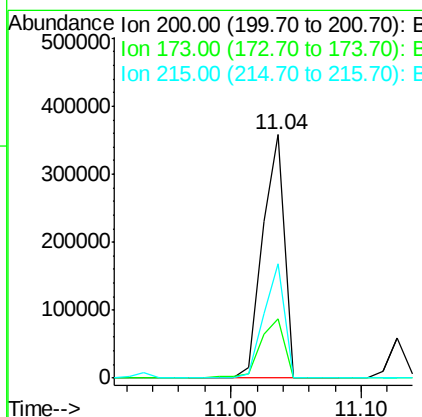
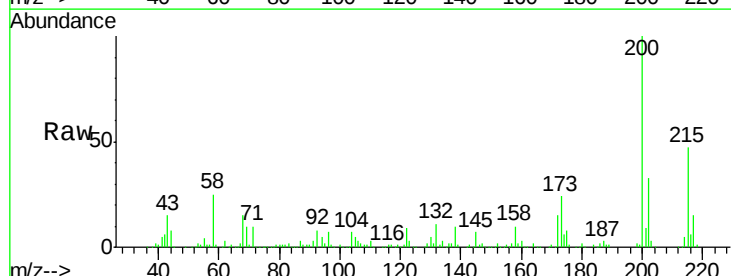
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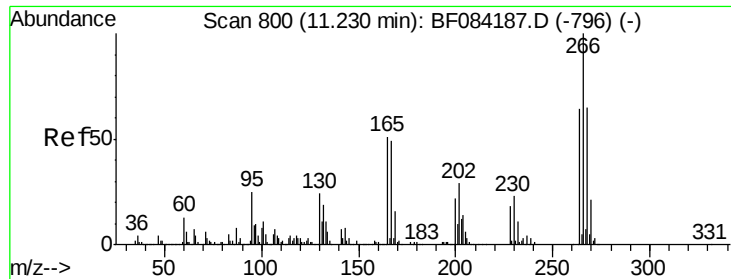
mohammad
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#68
Atrazine
Concen: 39.93 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.03 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	416645		
173	24.3	9.5	49.5	
215	46.7	23.8	63.8	





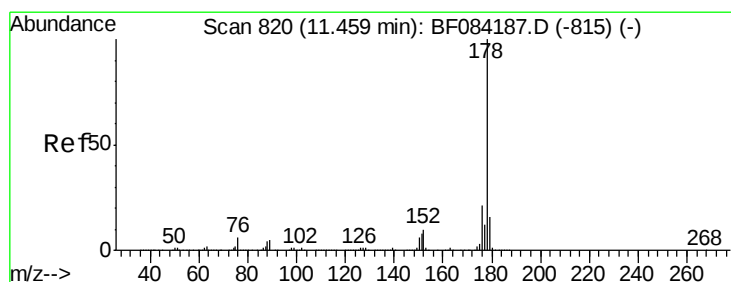
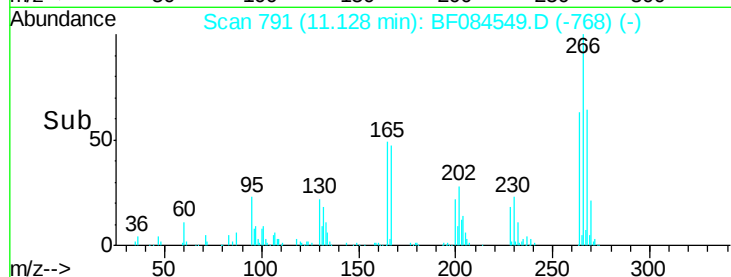
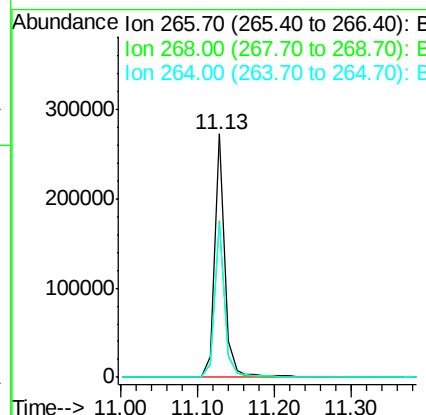
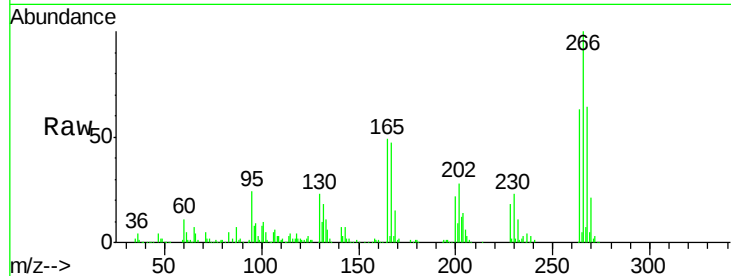
#69
 Pentachlorophenol
 Concen: 39.79 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	249222		
268	64.3	52.4	78.6	
264	63.2	50.2	75.2	

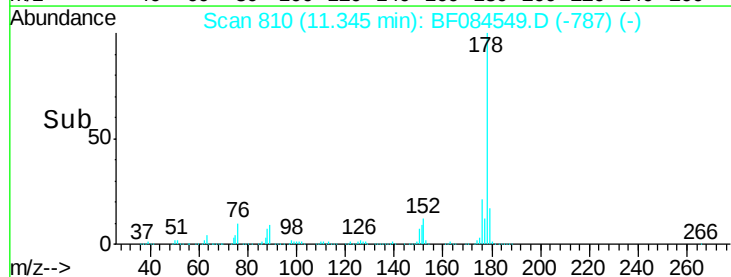
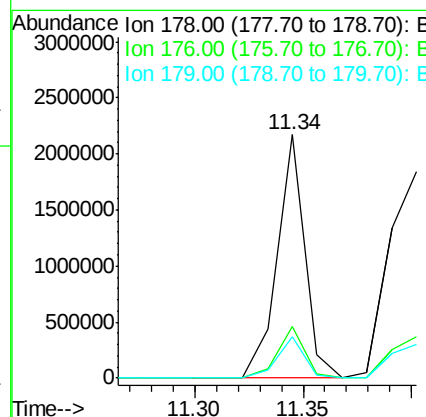
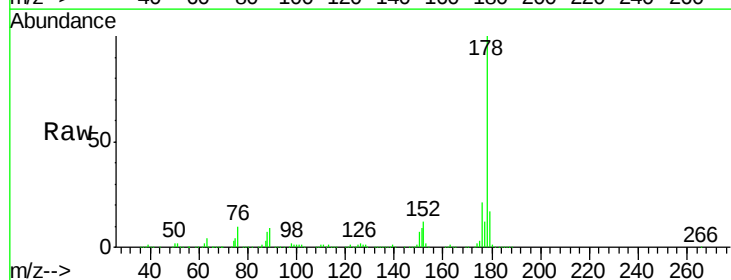
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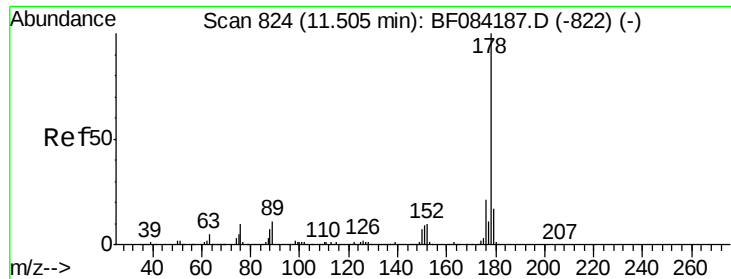
mohammad
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#70
 Phenanthrene
 Concen: 37.33 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1946956		
176	21.1	15.3	22.9	
179	16.8	12.0	18.0	





#71
 Anthracene
 Concen: 43.65 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

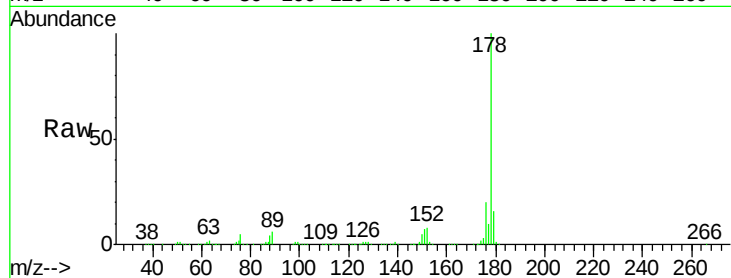
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 2232076

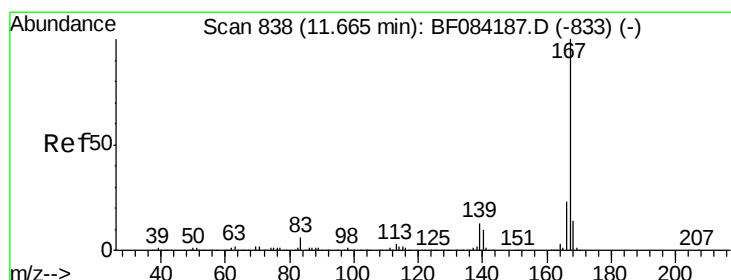
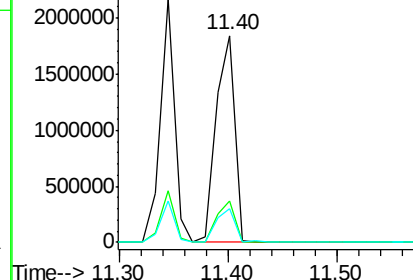
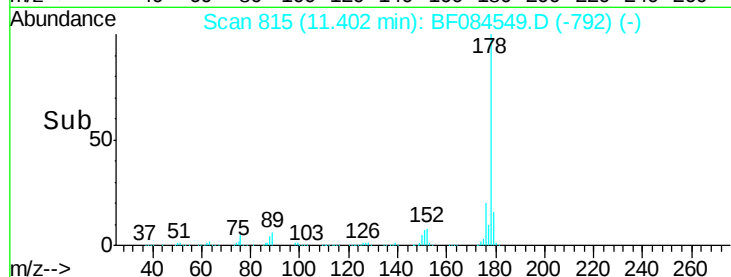
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.0
179	16.1	12.5	18.7

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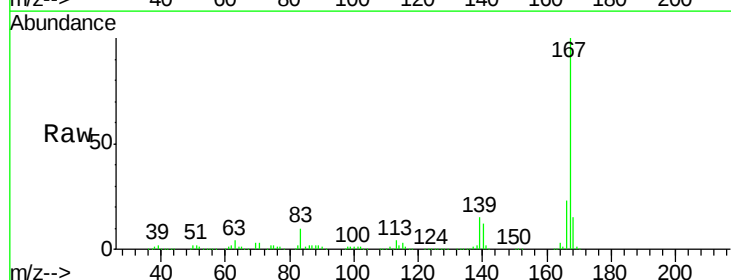
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



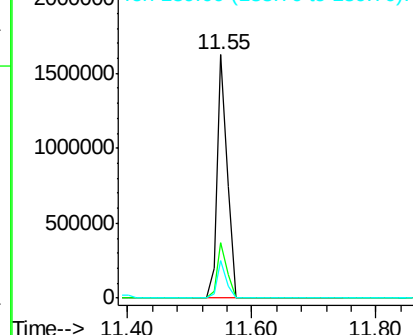
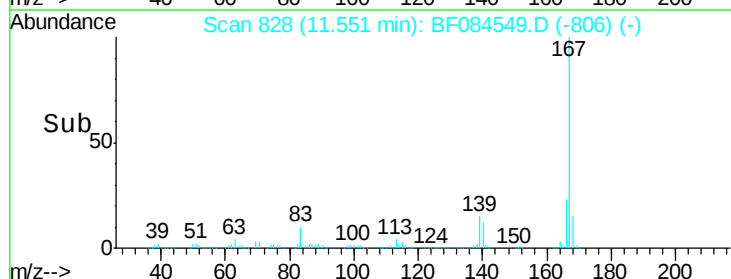
#72
 Carbazole
 Concen: 35.68 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

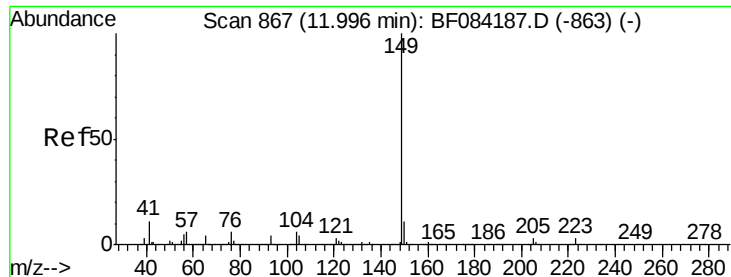
Tgt Ion:167 Resp: 1783496

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	15.3	11.8	17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.63 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2376001

Ion Ratio Lower Upper

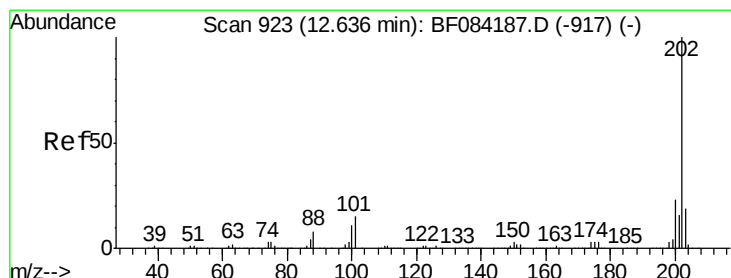
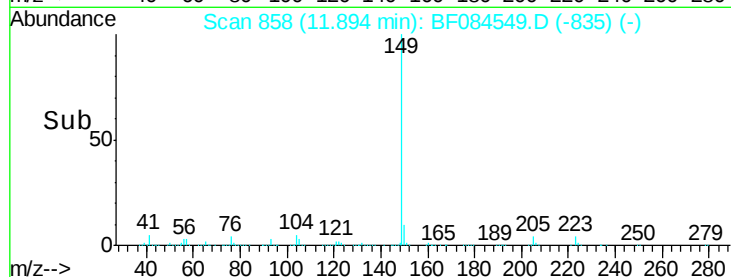
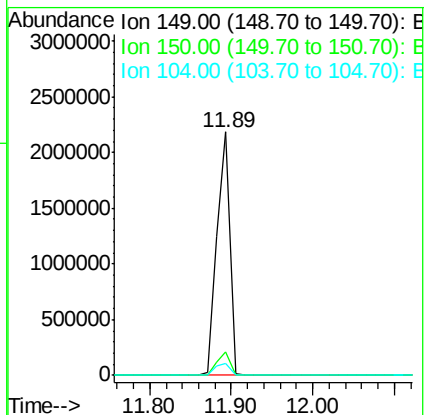
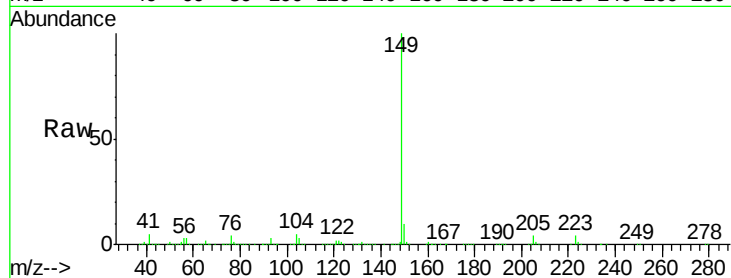
149 100

150 9.6 7.1 10.7

104 4.7 3.2 4.8

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#74

Fluoranthene

Concen: 41.31 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

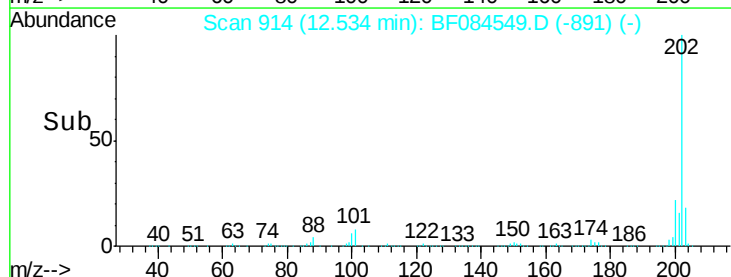
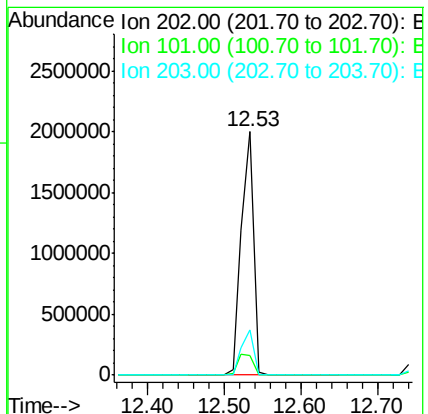
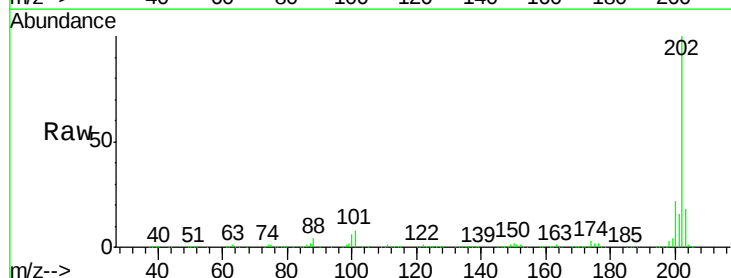
Tgt Ion:202 Resp: 2250721

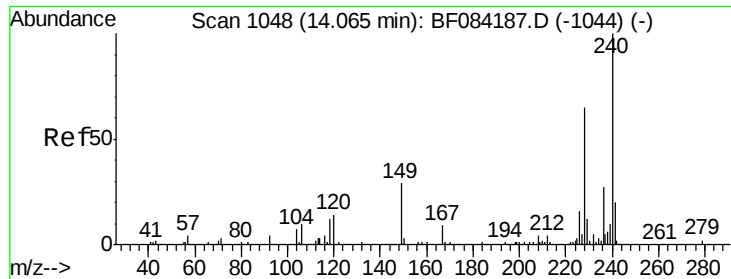
Ion Ratio Lower Upper

202 100

101 8.1 0.0 32.8

203 18.4 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

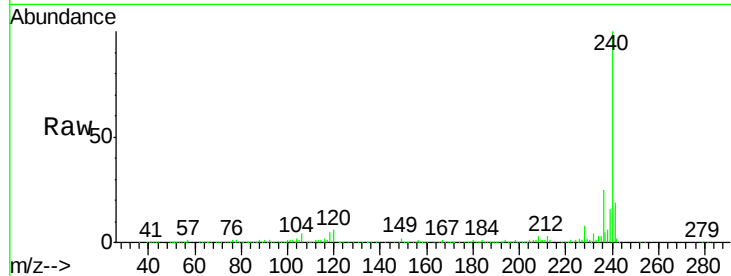
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.7	9.5	14.3#
236	24.9	20.6	31.0

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.96

400000

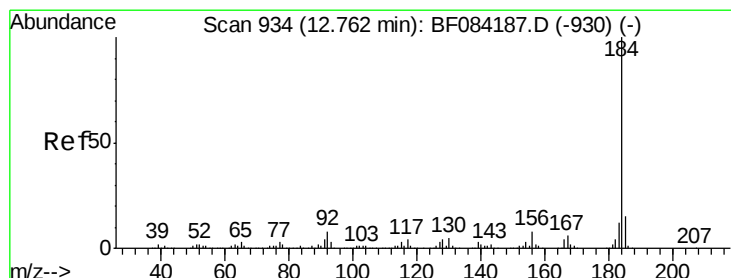
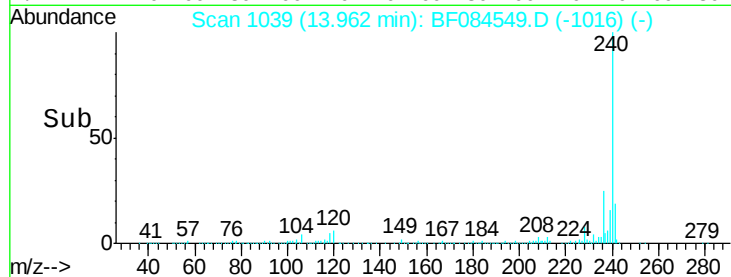
300000

200000

100000

0

Time-->



#76

Benzidine

Concen: 41.16 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	11.2	9.8	14.8

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.66

1000000

800000

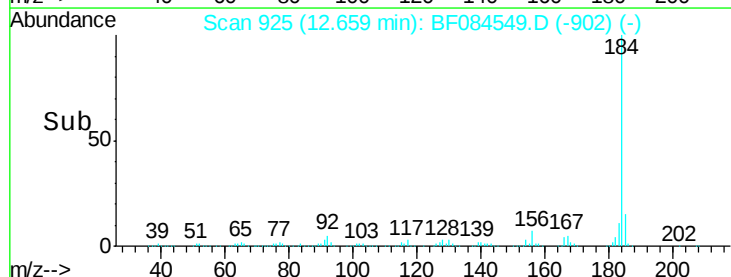
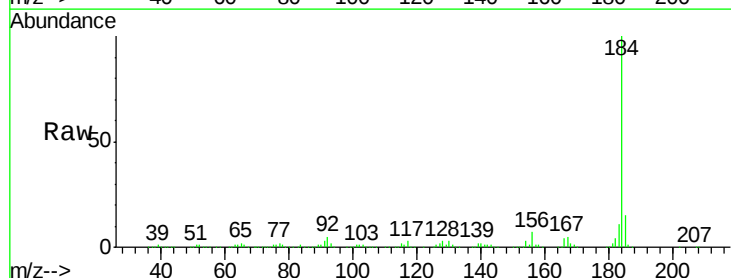
600000

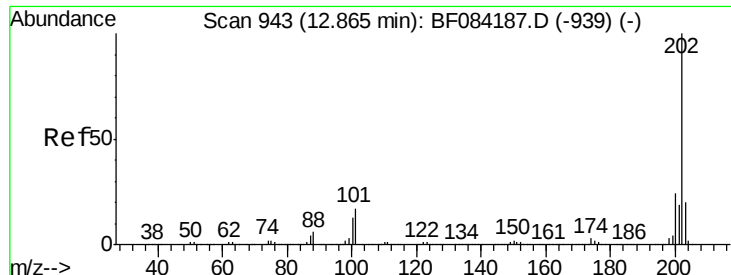
400000

200000

0

Time-->





#77

Pvrene

Concen: 45.63 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2253493

Ion Ratio Lower Upper

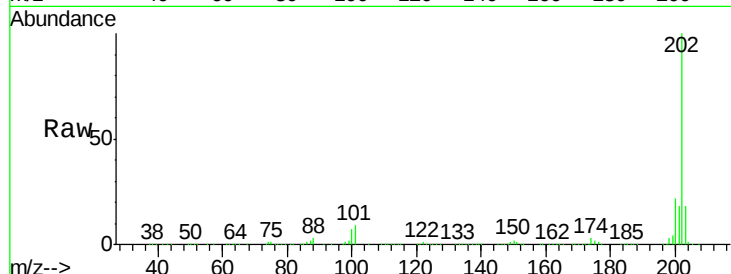
202 100

200 22.5 17.2 25.8

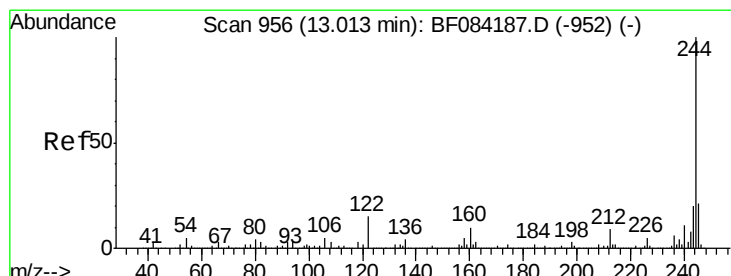
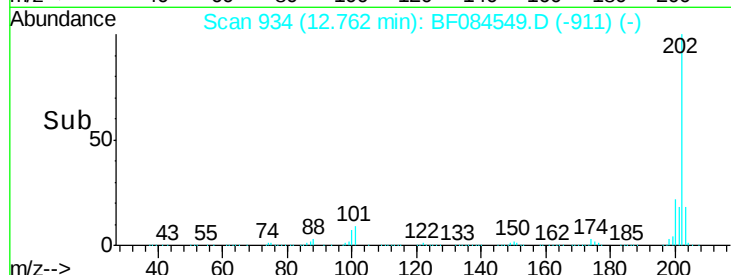
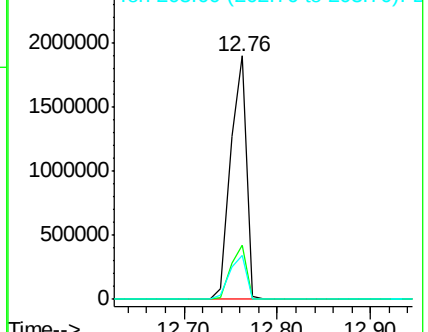
203 18.2 14.3 21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.82 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

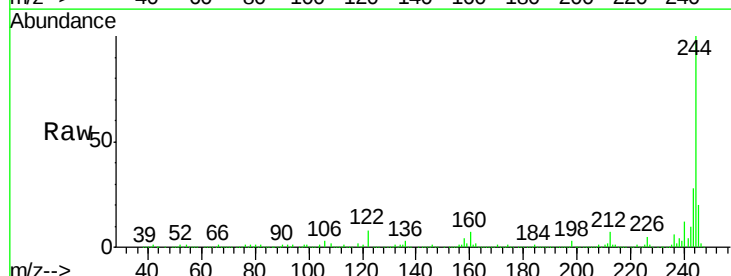
Tgt Ion:244 Resp: 2532115

Ion Ratio Lower Upper

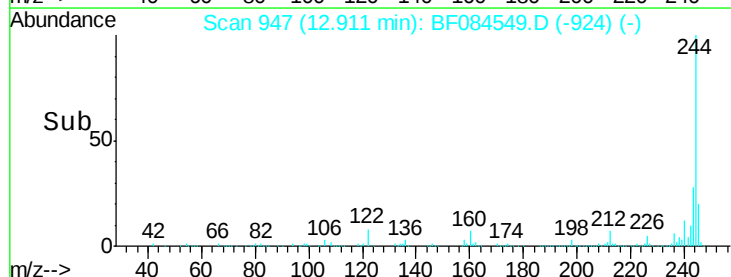
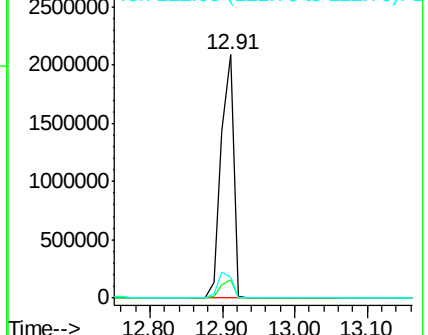
244 100

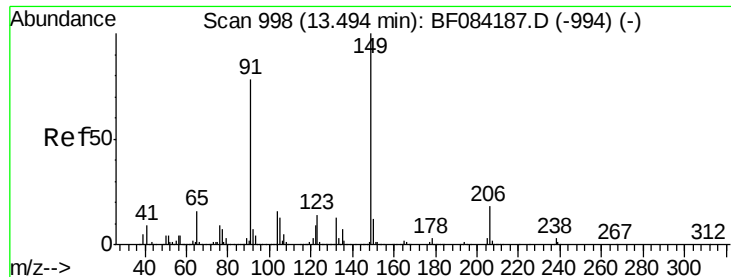
212 7.5 5.7 8.5

122 8.4 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.74 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

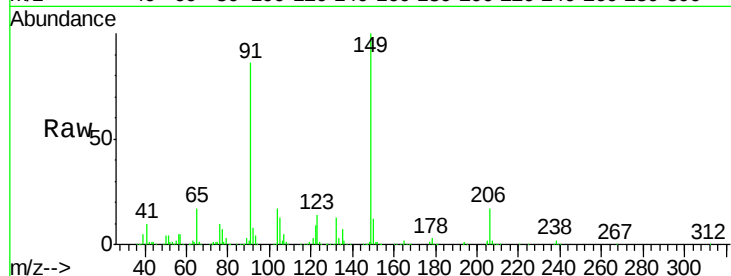
ClientSampleID :

SSTDCCC040

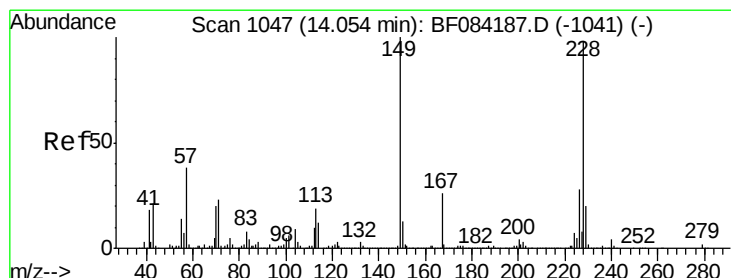
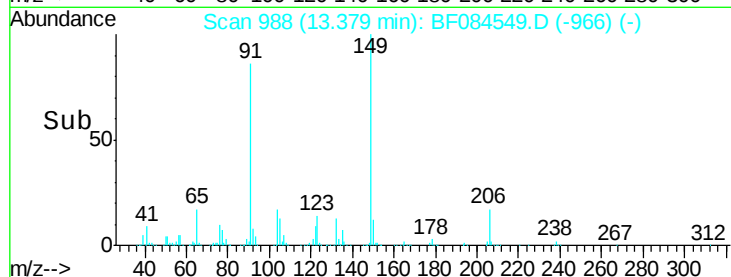
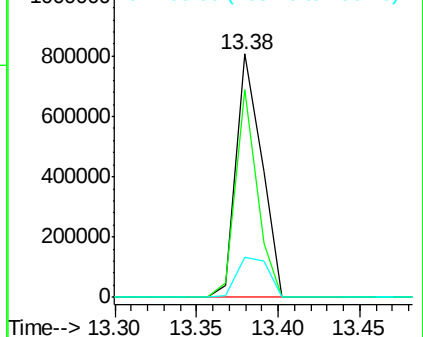
Tot Ion:	149	Resp:	870556
Ion Ratio	Lower	Upper	
149	100		
91	85.6	57.6	86.4
206	16.5	13.2	19.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.00 ng

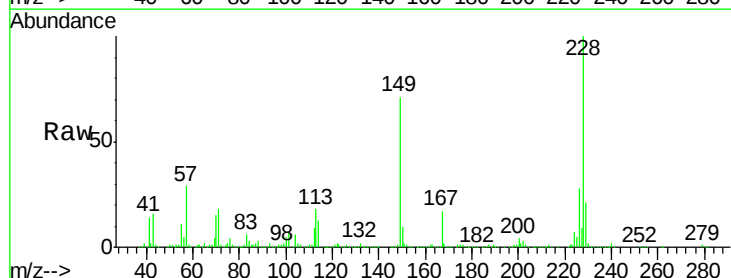
RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

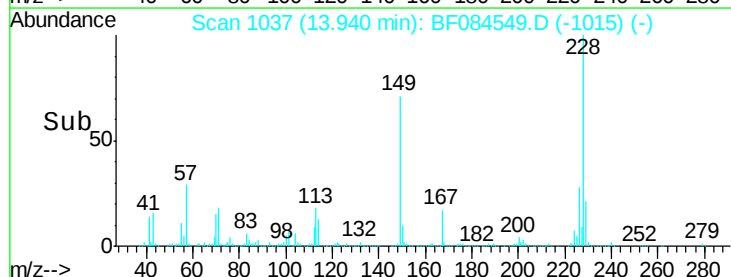
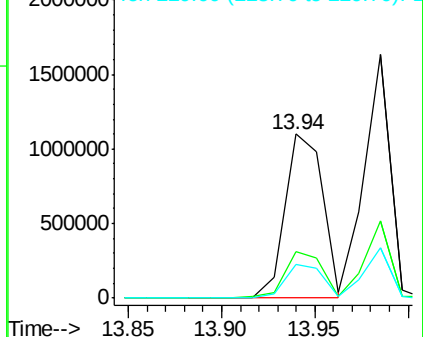
Lab File: BF084549.D

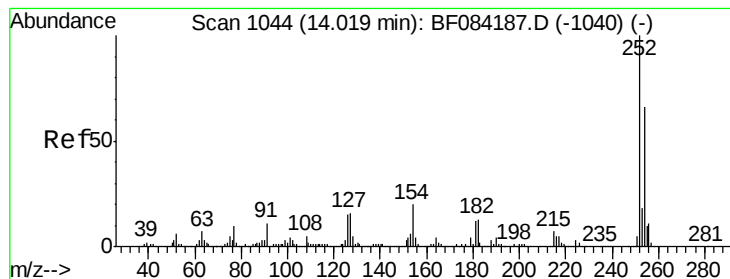
Acq: 19 Jan 2016 13:52

Tgt Ion:	228	Resp:	1552035
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.8	32.6
229	20.9	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





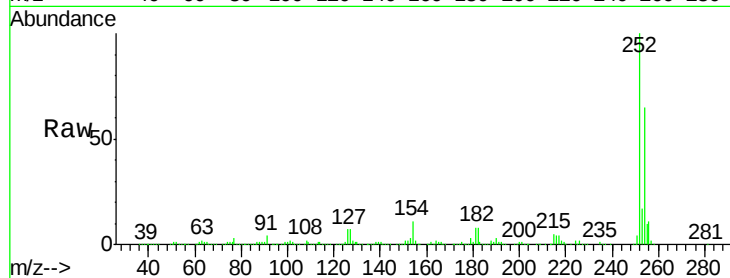
#81
 3,3'-Dichlorobenzidine
 Concen: 50.13 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

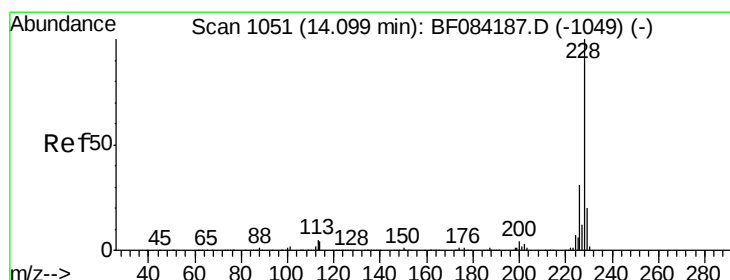
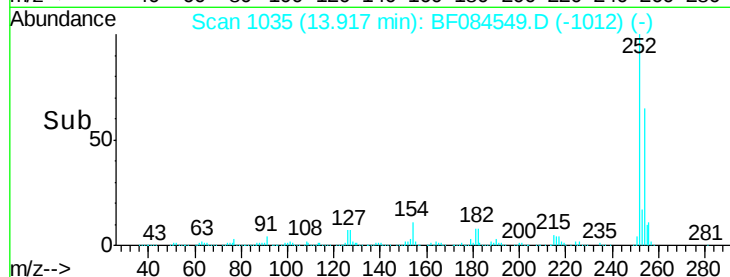
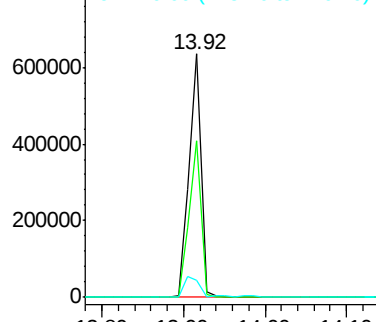
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	53.5	80.3
126	7.1	4.9	7.3

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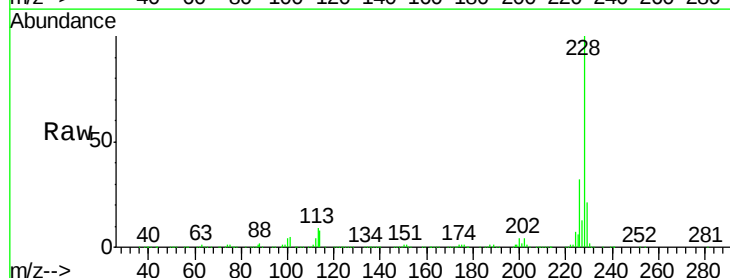


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

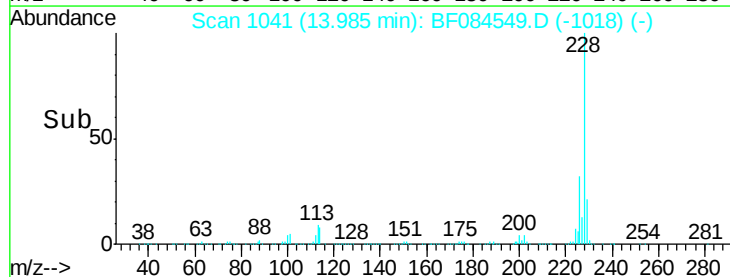
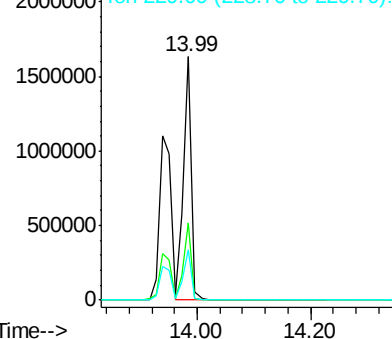


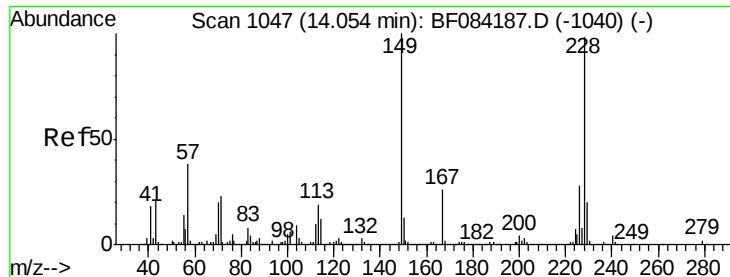
#82
 Chrysene
 Concen: 44.45 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
229	20.9	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.54 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1094562

Ion Ratio Lower Upper

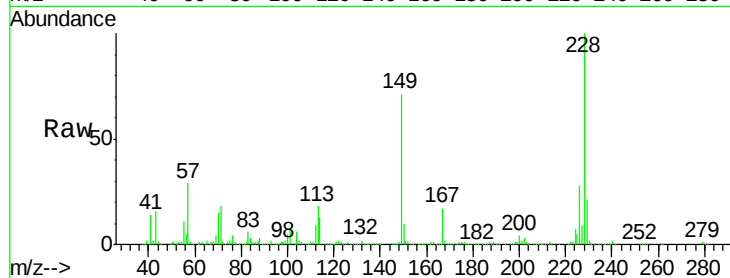
149 100

167 24.3 19.7 29.5

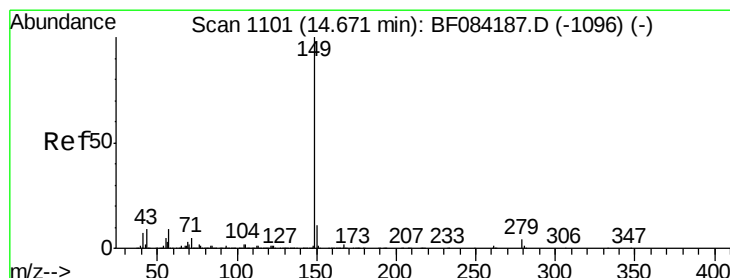
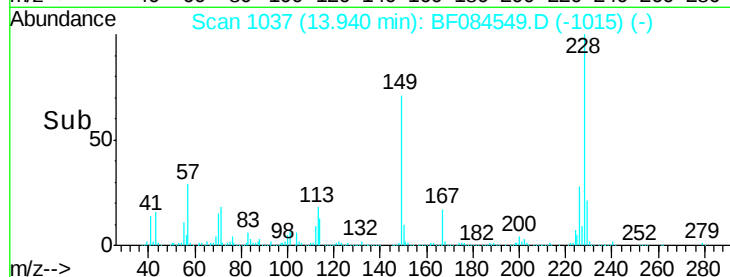
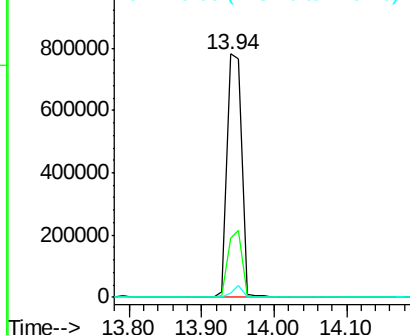
279 1.6 1.8 2.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.18 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

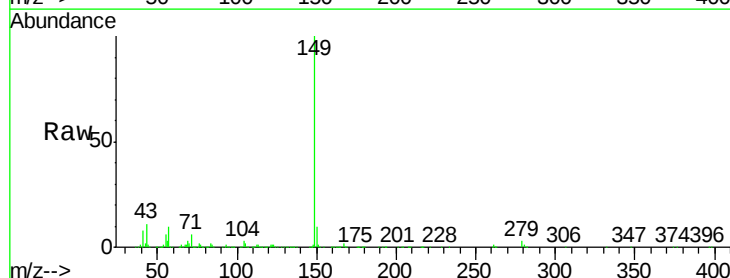
Tgt Ion:149 Resp: 1740277

Ion Ratio Lower Upper

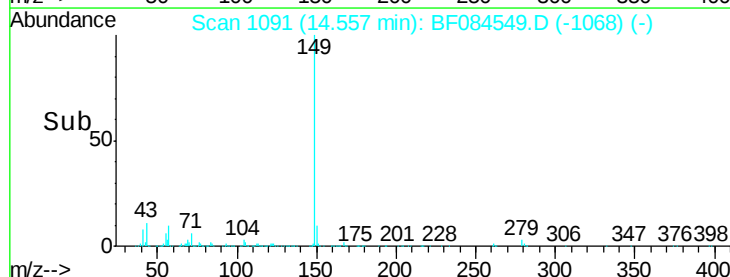
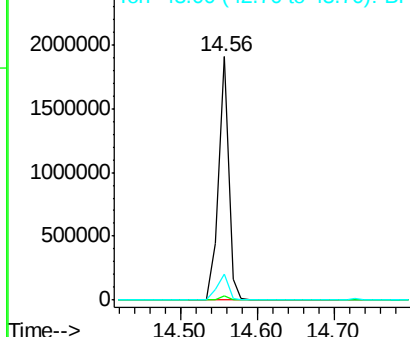
149 100

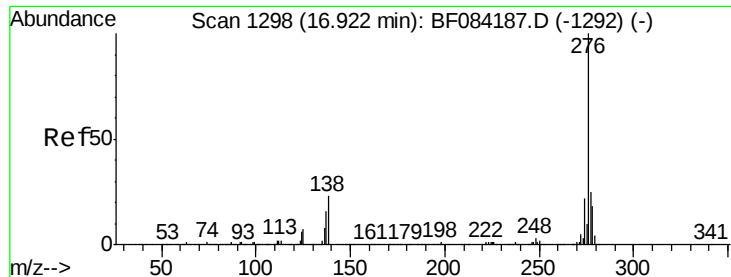
167 1.6 1.2 1.8

43 12.5 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.03 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.07 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1267260

Ion Ratio Lower Upper

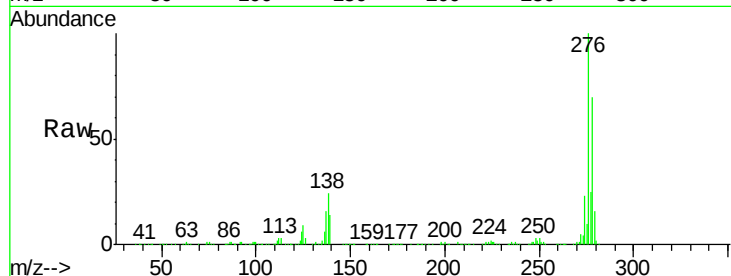
276 100

138 25.2 20.6 30.8

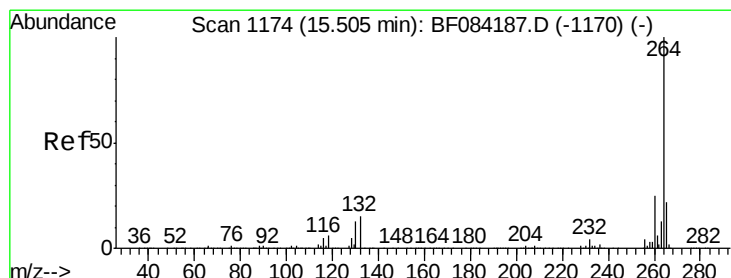
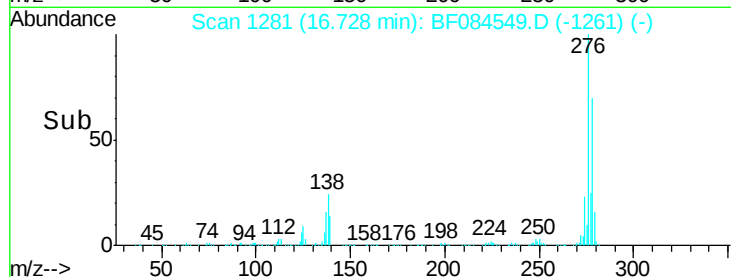
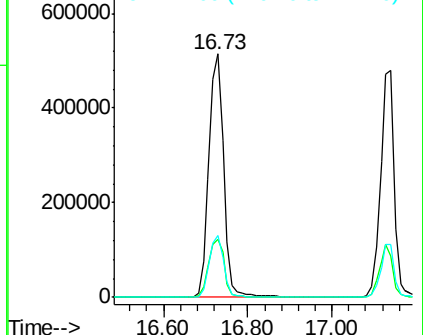
277 25.1 20.1 30.1

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.06 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

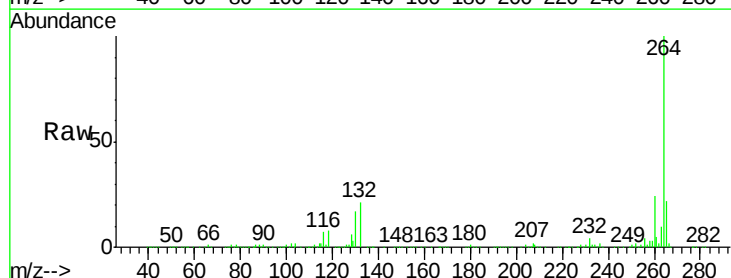
Tgt Ion:264 Resp: 520549

Ion Ratio Lower Upper

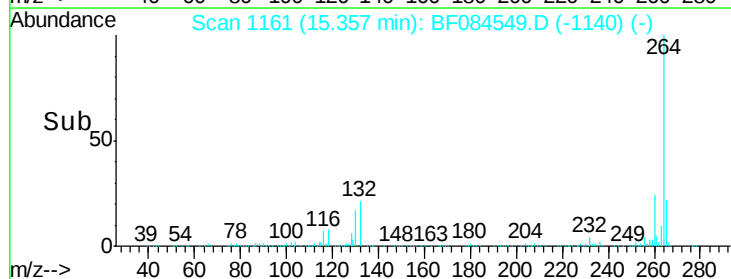
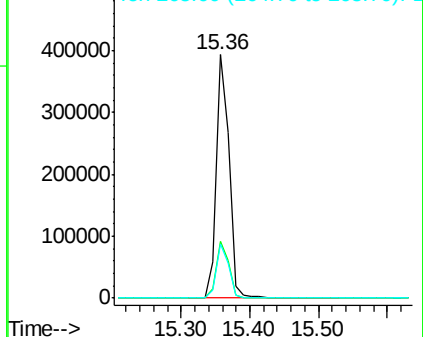
264 100

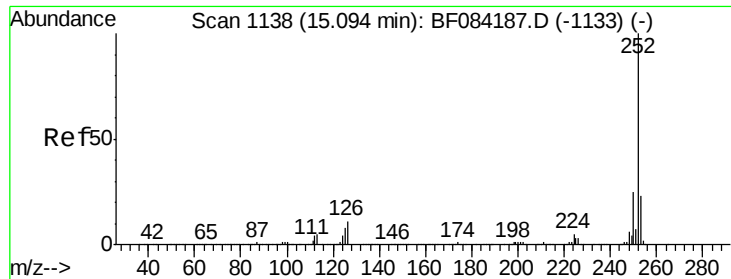
260 23.6 19.4 29.2

265 22.2 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.13 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.05 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1468706

Ion Ratio Lower Upper

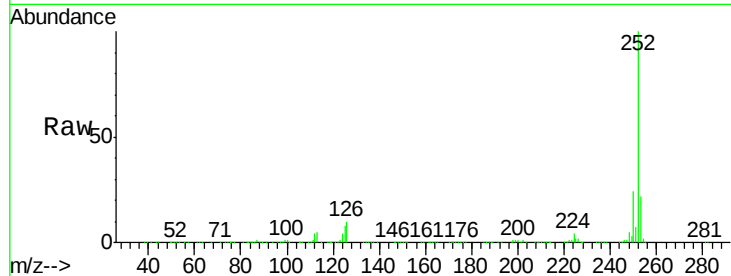
252 100

253 22.2 17.3 25.9

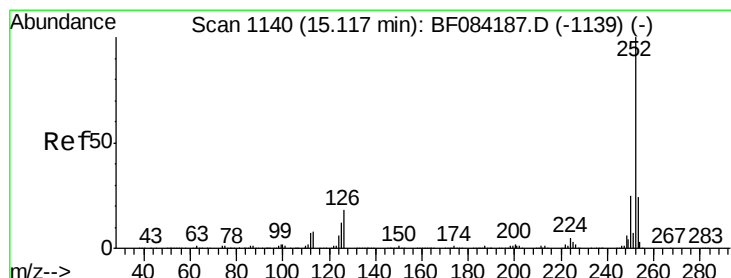
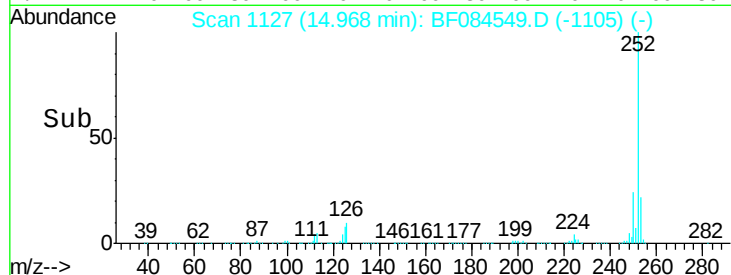
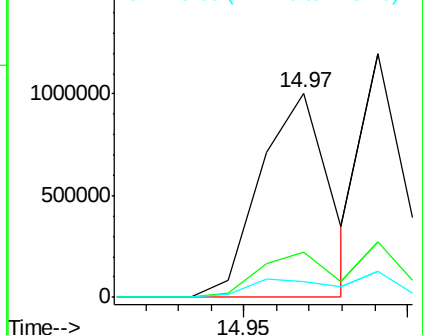
125 7.9 6.5 9.7

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.39 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.05 min

Lab File: BF084549.D

Acq: 19 Jan 2016 13:52

Tgt Ion:252 Resp: 1096948

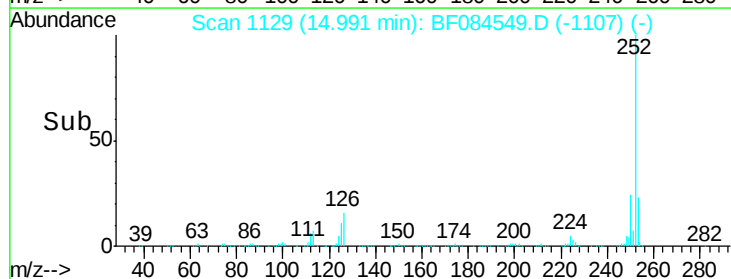
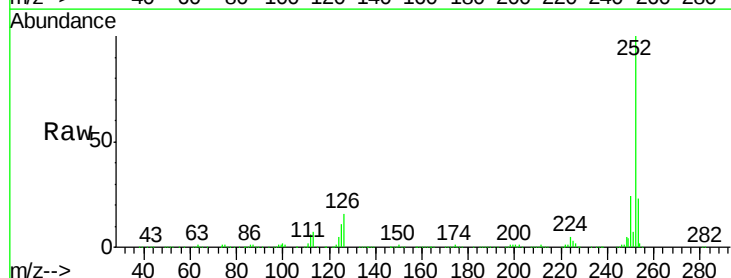
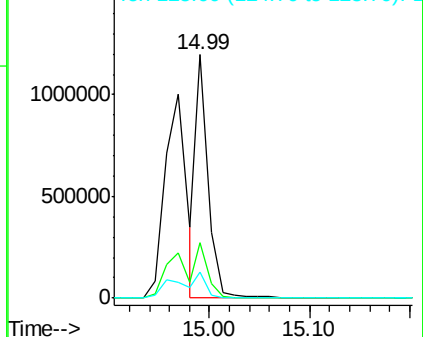
Ion Ratio Lower Upper

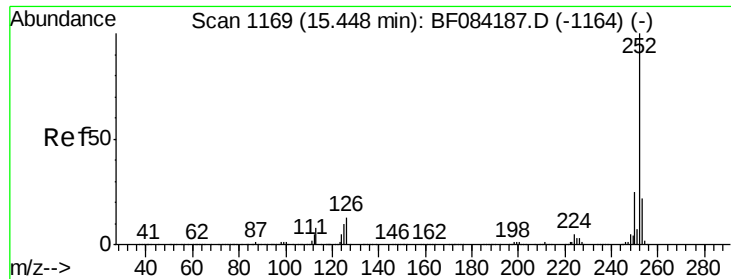
252 100

253 23.0 18.1 27.1

125 10.9 9.0 13.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





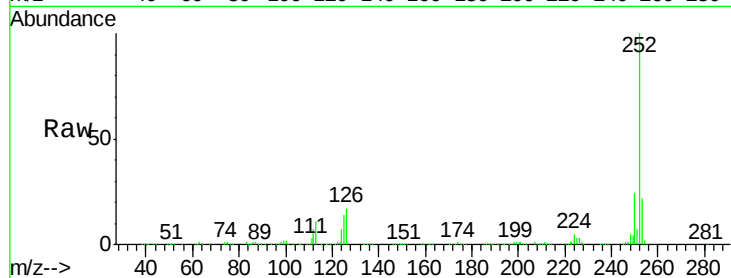
#89
Benzo(a)pyrene
Concen: 41.66 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

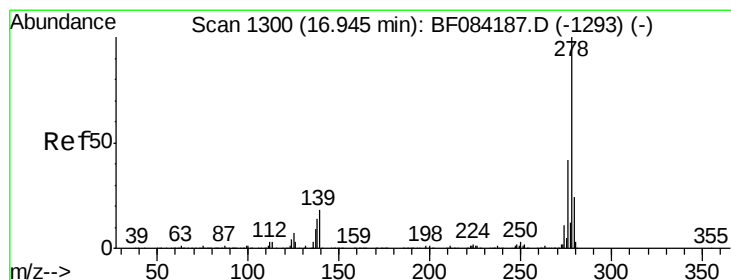
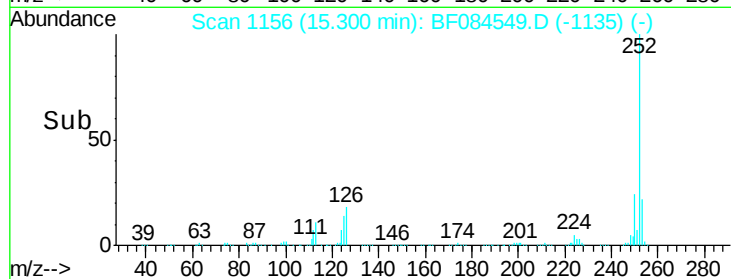
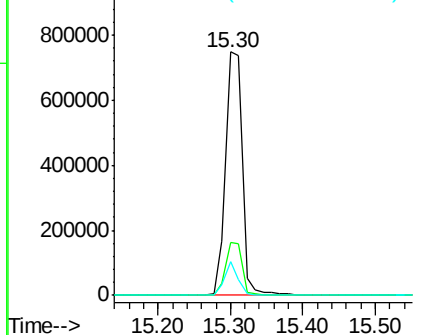
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	13.6	7.0	10.4

Manual Integrations
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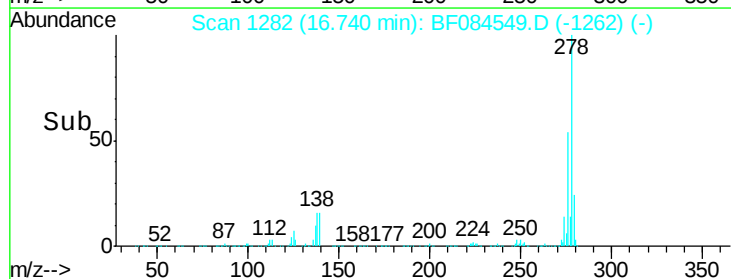
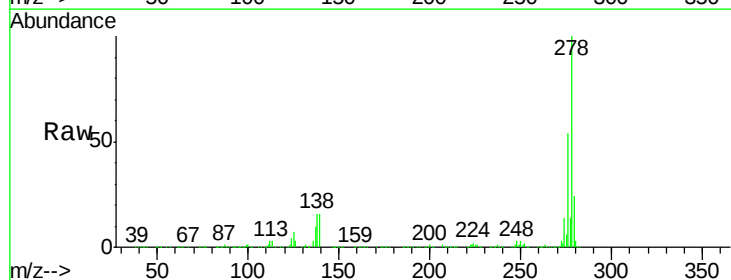
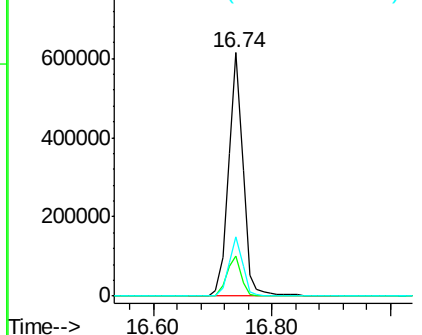
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

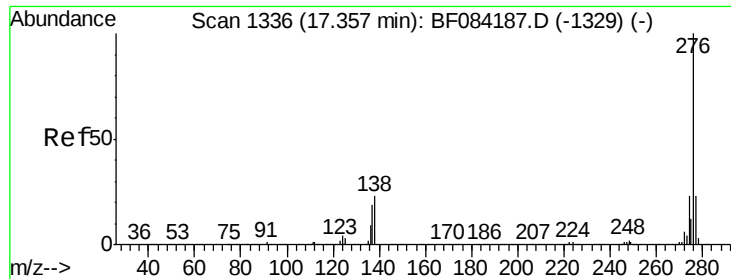


#90
Dibenzo(a,h)anthracene
Concen: 42.11 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.07 min
Lab File: BF084549.D
Acq: 19 Jan 2016 13:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.0	22.4
279	24.4	18.9	28.3

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 42.40 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. -0.08 min
 Lab File: BF084549.D
 Acq: 19 Jan 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	18.3	17.8	26.6

Manual Integrations
 APPROVED

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