

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
 Data File : BF084544.D
 Acq On : 19 Jan 2016 9:30
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/20/2016 2:22:17 PM

Quant Time: Jan 19 17:20:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 19 17:05:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	303740	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1228665	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	547628	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	1060706	20.00	ng	0.00
75) Chrysene-d12	13.96	240	837103	20.00	ng	0.00
86) Perylene-d12	15.37	264	657483	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1383592	73.68	ng	0.00
7) Phenol-d6	6.44	99	1798805	76.27	ng	0.00
23) Nitrobenzene-d5	7.37	82	1586876	71.88	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	480177	86.85	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	2537850	81.24	ng	0.00
78) Terphenyl-d14	12.91	244	2616453	69.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	351651	39.53	ng	# 80
3) Pyridine	3.05	79	848426	34.21	ng	# 70
4) n-Nitrosodimethylamine	3.01	42	403611	31.70	ng	# 77
6) Aniline	6.46	93	1272290	36.88	ng	97
8) 2-Chlorophenol	6.58	128	826353	38.79	ng	85
9) Benzaldehyde	6.34	77	536450	34.93	ng	99
10) Phenol	6.45	94	948407	35.37	ng	# 59
11) bis(2-Chloroethyl)ether	6.53	93	827360	39.83	ng	# 81
12) 1,3-Dichlorobenzene	6.74	146	896518	40.79	ng	100
13) 1,4-Dichlorobenzene	6.82	146	870553m	39.50	ng	
14) 1,2-Dichlorobenzene	6.97	146	819393	38.82	ng	98
15) Benzyl Alcohol	6.94	79	662872	33.41	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1253430	33.14	ng	86
17) 2-Methylphenol	7.07	107	719276	40.28	ng	94
18) Hexachloroethane	7.31	117	357513	40.57	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	604615	37.87	ng	# 73
20) 3+4-Methylphenols	7.22	107	749463	35.71	ng	# 52
22) Acetophenone	7.22	105	1196729	40.51	ng	# 93
24) Nitrobenzene	7.39	77	984517	43.97	ng	94
25) Isophorone	7.63	82	1652679	39.14	ng	99
26) 2-Nitrophenol	7.70	139	416073	40.83	ng	# 79
27) 2,4-Dimethylphenol	7.74	122	758545	36.77	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	1030081	39.94	ng	97
29) 2,4-Dichlorophenol	7.95	162	716546	41.70	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	750171	42.29	ng	# 95
31) Naphthalene	8.11	128	2397023	43.00	ng	99
32) Benzoic acid	7.89	122	521249	40.42	ng	94
33) 4-Chloroaniline	8.16	127	967398	37.85	ng	97
34) Hexachlorobutadiene	8.22	225	396321	38.87	ng	97
35) Caprolactam	8.56	113	250575	43.26	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	737990	38.34	ng	94
37) 2-Methylnaphthalene	8.80	142	1454005	36.34	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	720425	45.76	ng	99
40) Hexachlorocyclopentadiene	8.96	237	367711	38.69	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	476827	40.48	nq	93
43) 2,4,5-Trichlorophenol	9.13	196	483603	42.83	nq	97
45) 1,1'-Biphenyl	9.26	154	1800474	41.37	nq	99
46) 2-Chloronaphthalene	9.29	162	1360198	39.79	nq	95
47) 2-Nitroaniline	9.39	65	548938	48.65	nq	# 85
48) Acenaphthylene	9.70	152	1960218	38.81	nq	96
49) Dimethylphthalate	9.57	163	1568224	40.06	nq	# 90
50) 2,6-Dinitrotoluene	9.63	165	337282	39.28	nq	# 51
51) Acenaphthene	9.87	154	1411684	41.67	nq	97
52) 3-Nitroaniline	9.80	138	441067	41.45	nq	93
53) 2,4-Dinitrophenol	9.90	184	224975	62.33	nq	# 85
54) Dibenzofuran	10.04	168	1775737	40.15	nq	# 90
55) 4-Nitrophenol	9.97	139	343118	44.43	nq	# 83
56) 2,4-Dinitrotoluene	10.03	165	450864	41.49	nq	# 82
57) Fluorene	10.38	166	1293457	37.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	416911	43.25	nq	91
59) Diethylphthalate	10.27	149	1672528	43.33	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	716886	51.16	nq	91
61) 4-Nitroaniline	10.42	138	447774	47.21	nq	92
62) Azobenzene	10.54	77	1803147	42.59	nq	95
64) 4,6-Dinitro-2-methylphenol	10.44	198	272366	42.07	nq	# 71
65) n-Nitrosodiphenylamine	10.50	169	1266919	37.36	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	457808	40.10	nq	# 91
67) Hexachlorobenzene	10.93	284	492015	38.29	nq	# 93
68) Atrazine	11.04	200	438181	39.48	nq	96
69) Pentachlorophenol	11.13	266	260563	39.11	nq	98
70) Phenanthrene	11.34	178	2039482	36.76	nq	95
71) Anthracene	11.40	178	2392994	44.00	nq	97
72) Carbazole	11.55	167	2104096	39.57	nq	98
73) Di-n-butylphthalate	11.89	149	2574792	45.76	nq	# 96
74) Fluoranthene	12.53	202	2349961	40.54	nq	96
76) Benzidine	12.66	184	1197876	39.91	nq	99
77) Pyrene	12.76	202	2427814	36.96	nq	96
79) Butylbenzylphthalate	13.39	149	1065423	37.48	nq	# 78
80) Benzo(a)anthracene	13.95	228	1808353	36.79	nq	98
81) 3,3'-Dichlorobenzidine	13.92	252	765772	44.64	nq	# 97
82) Chrysene	13.99	228	1733305	36.70	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1305972	36.37	nq	# 93
84) Di-n-octyl phthalate	14.56	149	2131077	35.15	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.73	276	1409116	37.64	nq	100
87) Benzo(b)fluoranthene	14.97	252	1683063	39.13	nq	# 96
88) Benzo(k)fluoranthene	14.99	252	1525461m	43.37	nq	
89) Benzo(a)pyrene	15.31	252	1529745	41.93	nq	97
90) Dibenzo(a,h)anthracene	16.74	278	1153972	36.76	nq	98
91) Benzo(g,h,i)perylene	17.14	276	1173720	36.11	nq	98

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

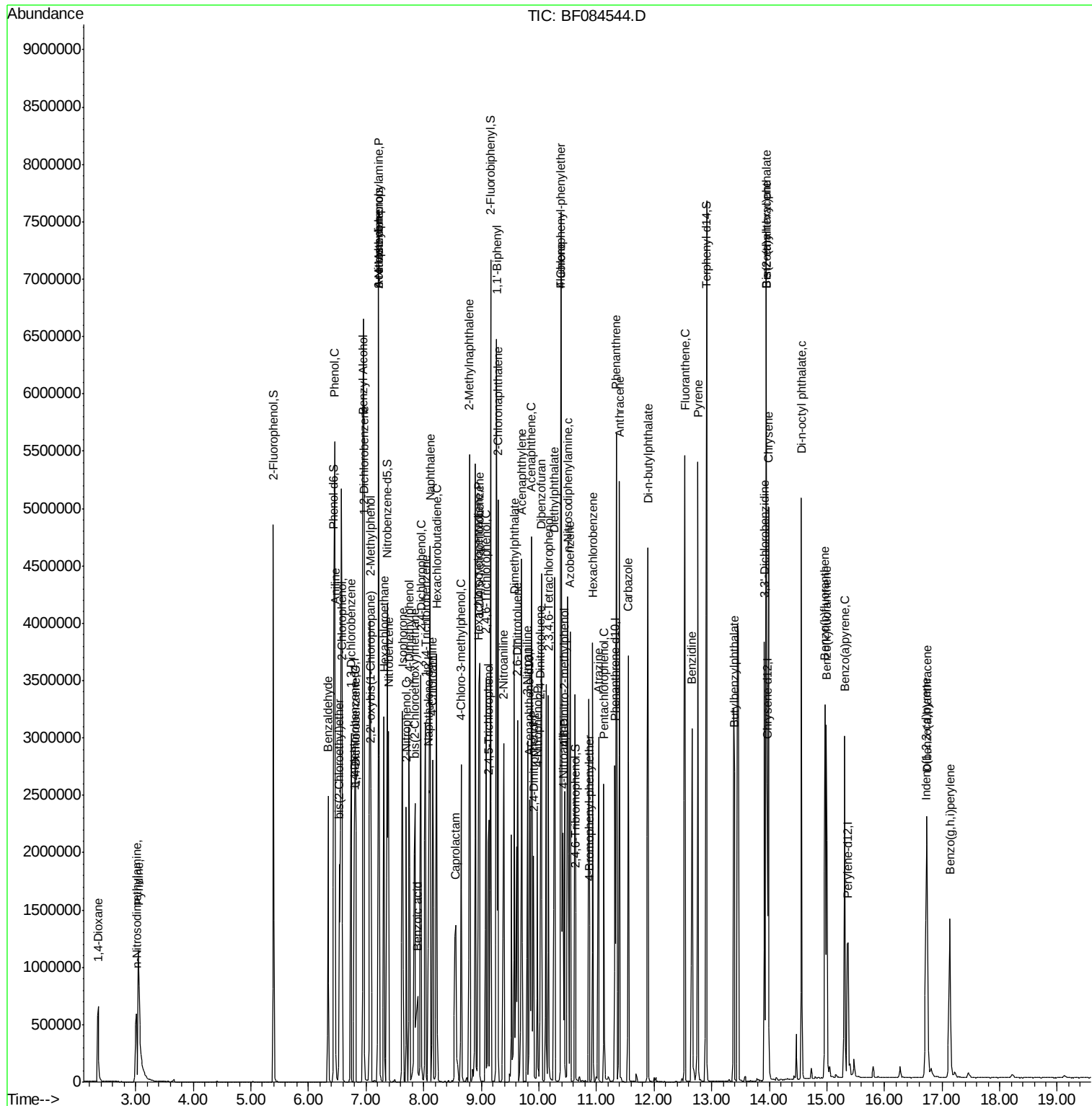
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\  
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Operator  : SJ/UM  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

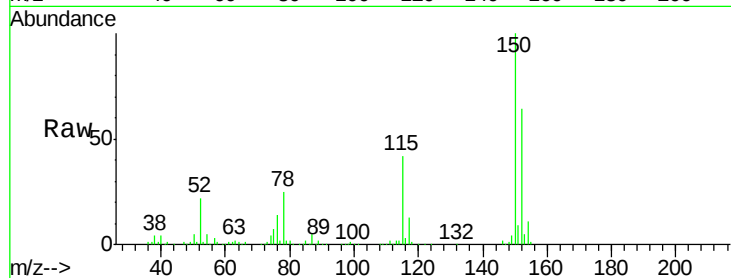
ClientSampleId :

SSTDCCC040

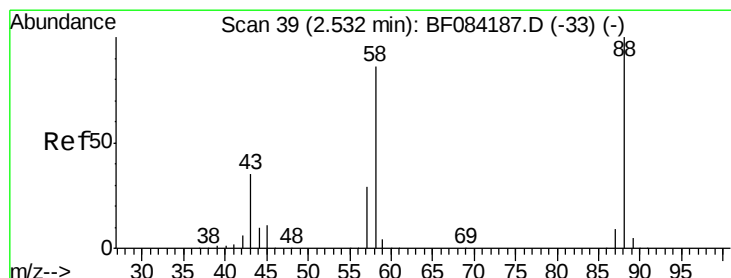
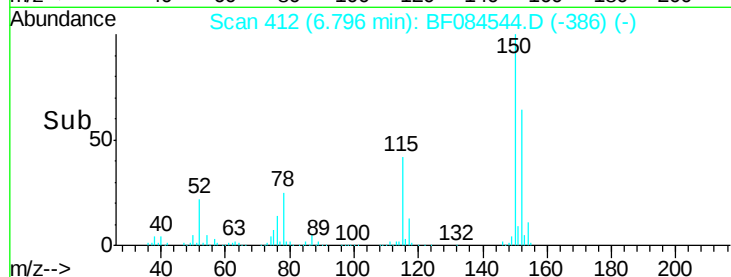
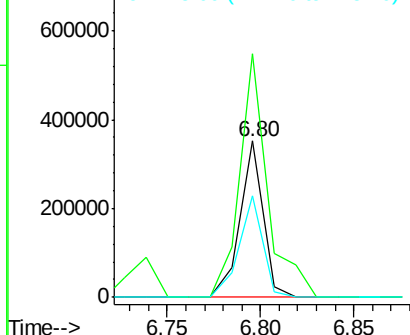
Tot Ion:	152	Resp:	303740
Ion Ratio	Lower	Upper	
152	100		
150	156.1	123.0	184.4
115	65.4	51.4	77.2

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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: 39.53 ng

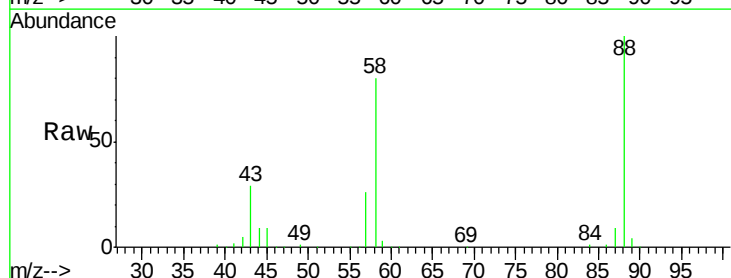
RT: 2.35 min Scan# 23

Delta R.T. 0.00 min

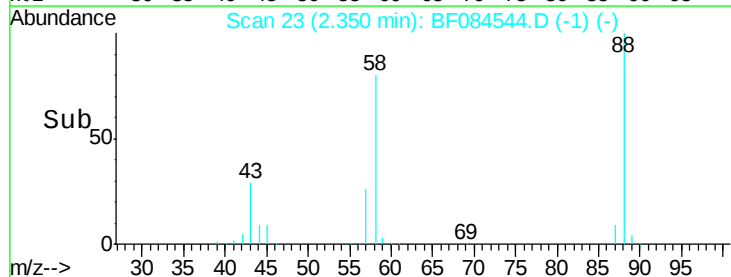
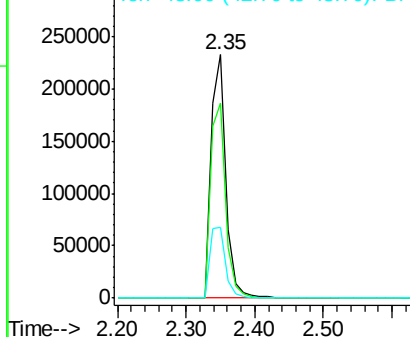
Lab File: BF084544.D

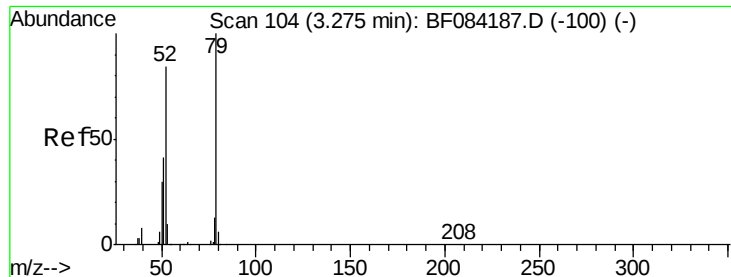
Acq: 19 Jan 2016 9:30

Tgt Ion:	88	Resp:	351651
Ion Ratio	Lower	Upper	
88	100		
58	81.8	51.2	76.8#
43	30.9	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: 34.21 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

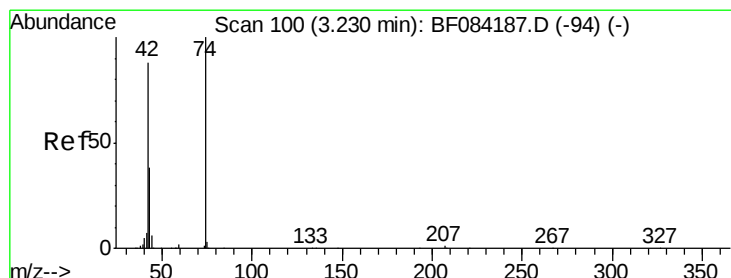
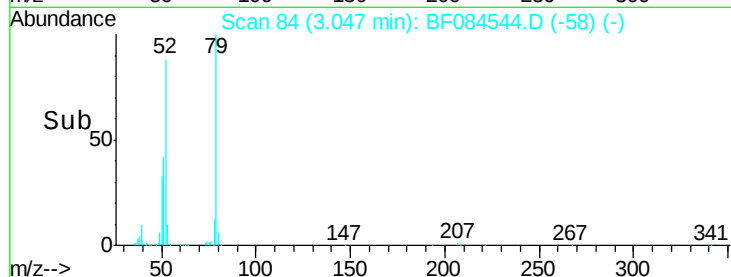
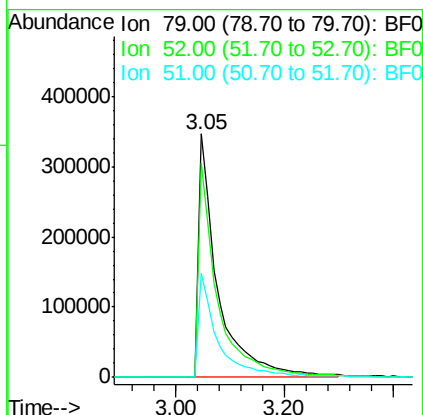
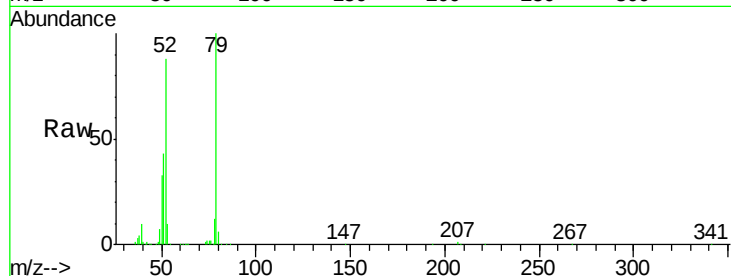
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	87.8	49.0	73.4#	
51	42.7	25.2	37.8#	

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#4

n-Nitrosodimethylamine

Concen: 31.70 ng

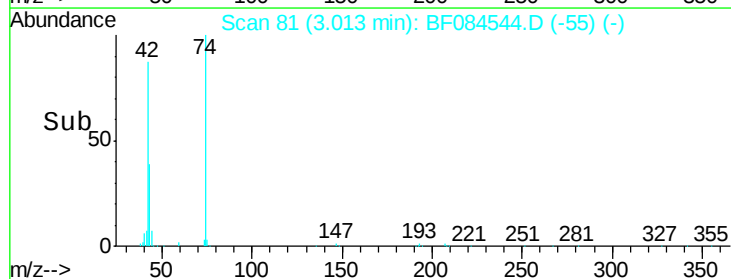
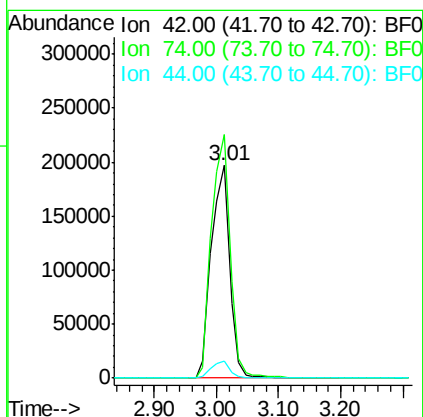
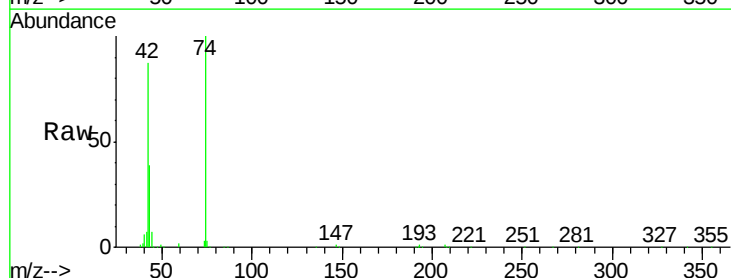
RT: 3.01 min Scan# 81

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	114.6	115.7	173.5#	
44	8.2	5.1	7.7#	





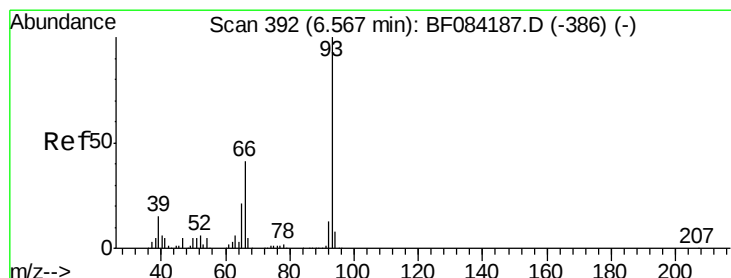
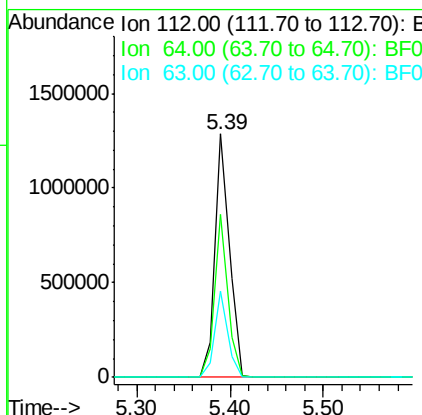
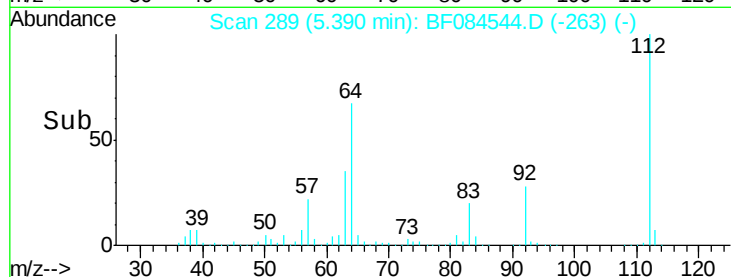
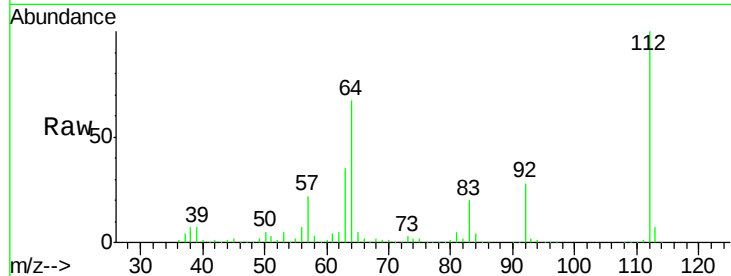
#5
2-Fluorophenol
Concen: 73.68 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 112 Resp: 1383592
Ion Ratio Lower Upper
112 100
64 66.8 36.6 55.0#
63 35.2 19.4 29.0#

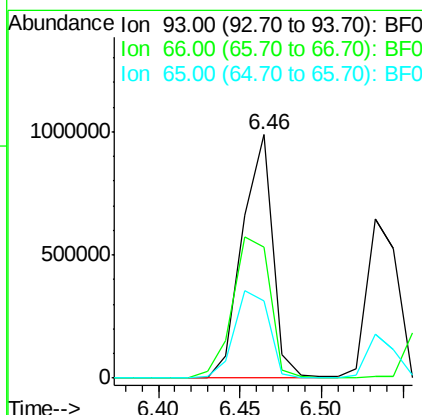
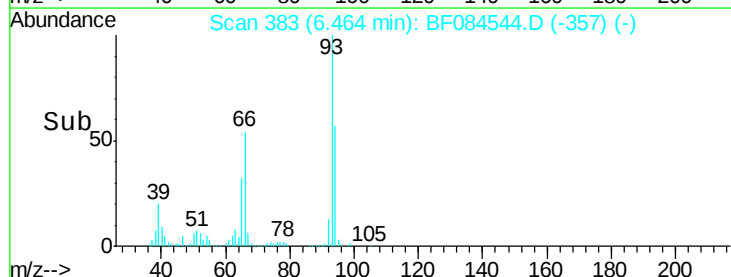
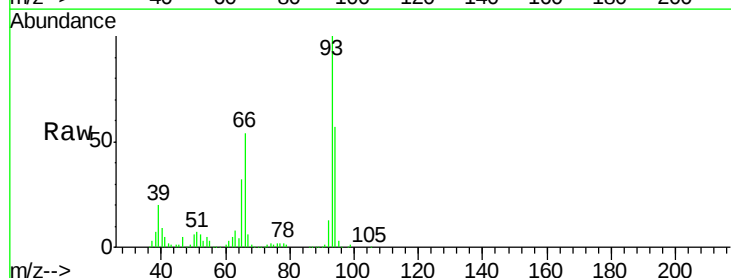
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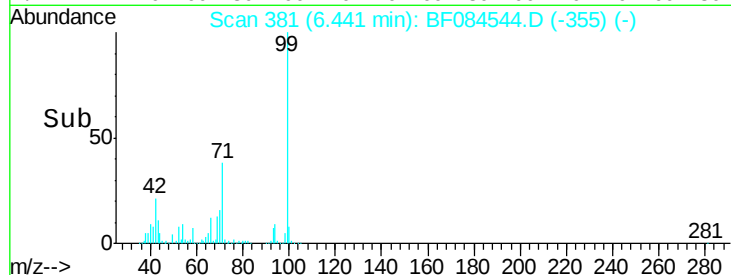
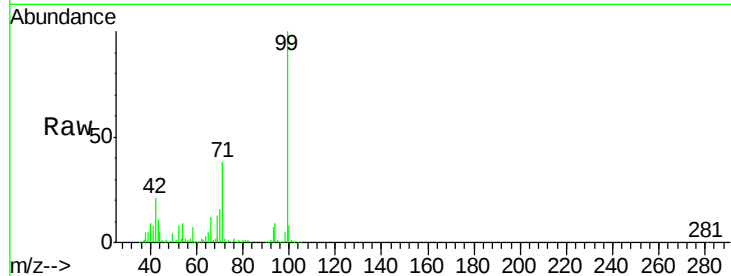
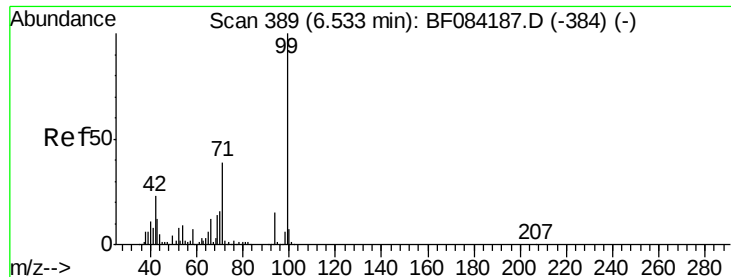
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#6
Aniline
Concen: 36.88 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion: 93 Resp: 1272290
Ion Ratio Lower Upper
93 100
66 53.7 44.9 67.3
65 31.5 23.7 35.5





#7

Phenol-d6

Concen: 76.27 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Tot Ion: 99 Resp: 1798805

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

71 37.9 30.9 46.3

Instrument :

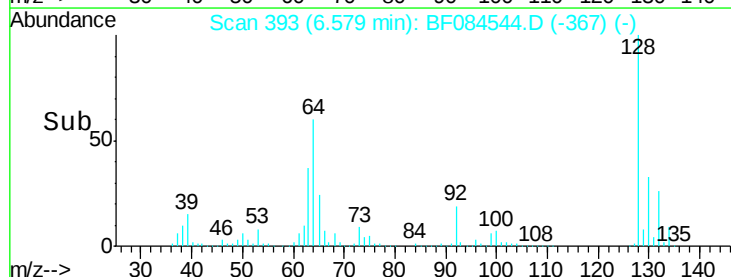
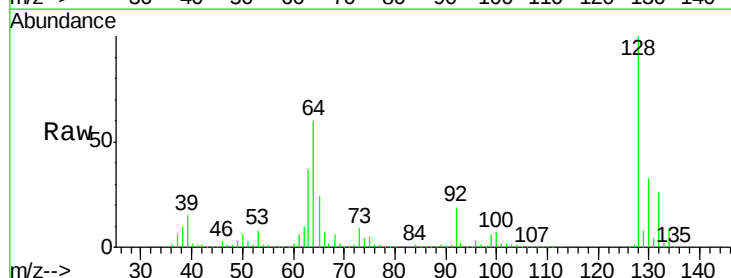
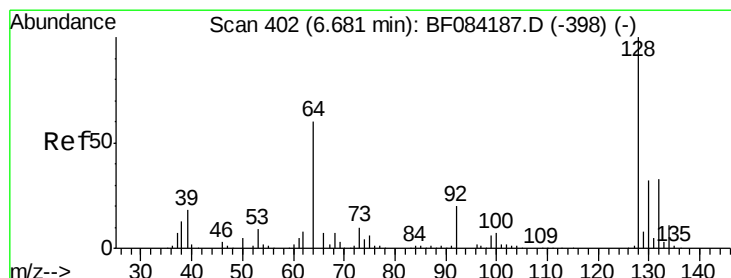
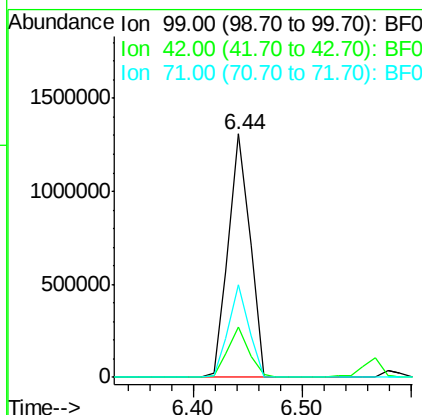
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.79 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

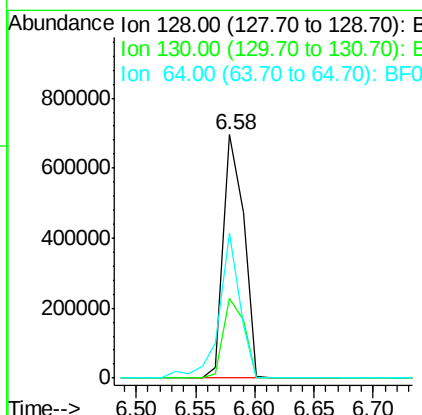
Tgt Ion: 128 Resp: 826353

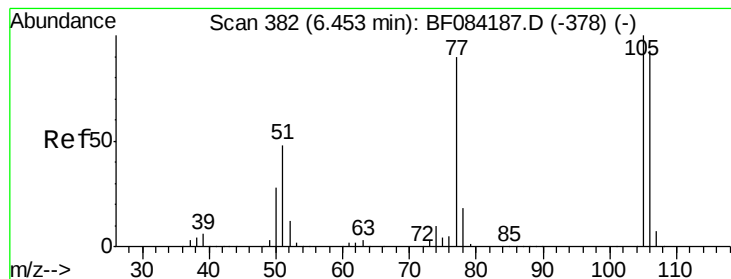
Ion Ratio Lower Upper

128 100

130 32.7 11.6 51.6

64 59.6 23.8 63.8





#9

Benzaldehyde

Concen: 34.93 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

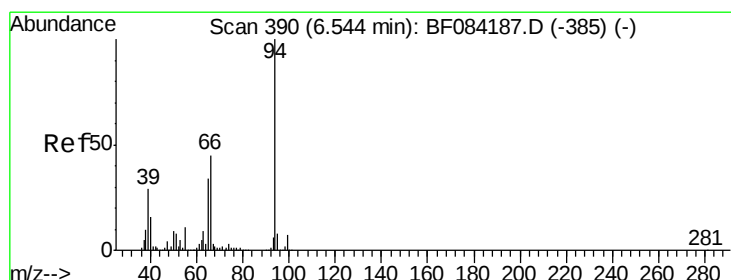
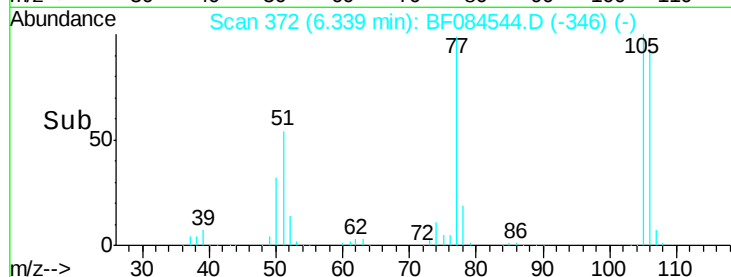
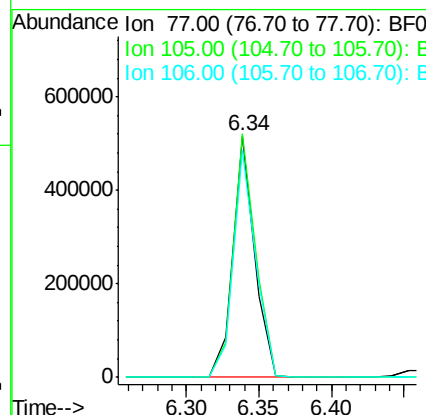
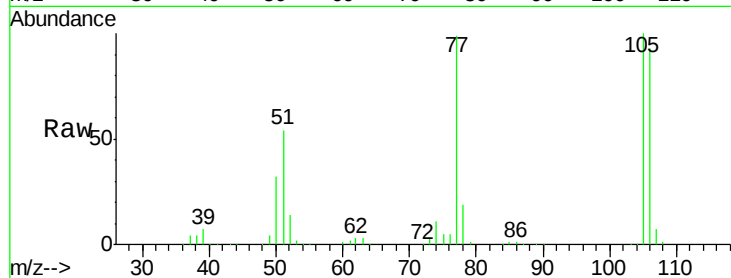
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	536450
Ion Ratio	Lower	Upper	
77	100		
105	100.8	83.0	123.0
106	93.9	74.6	114.6

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#10

Phenol

Concen: 35.37 ng

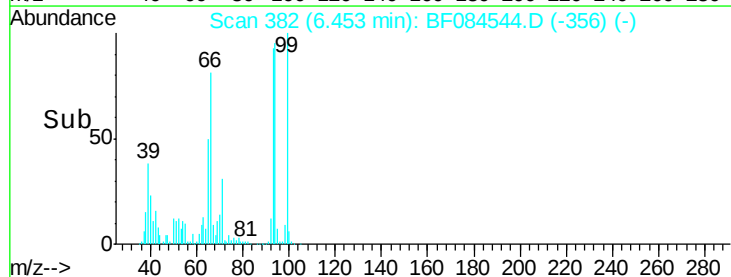
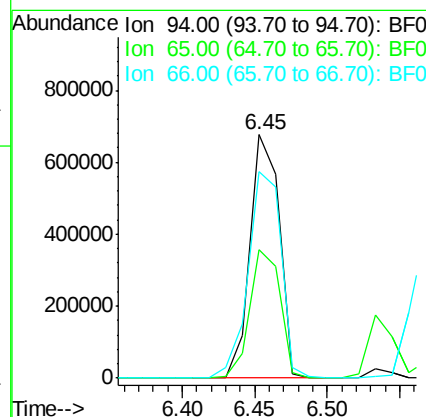
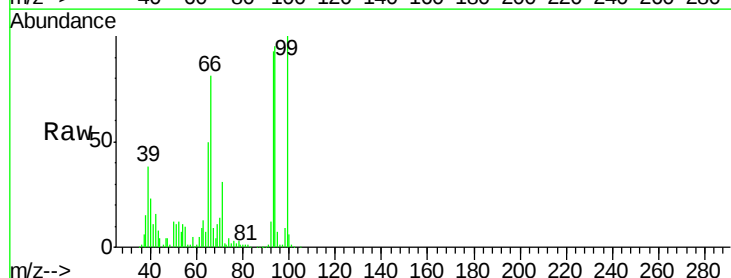
RT: 6.45 min Scan# 382

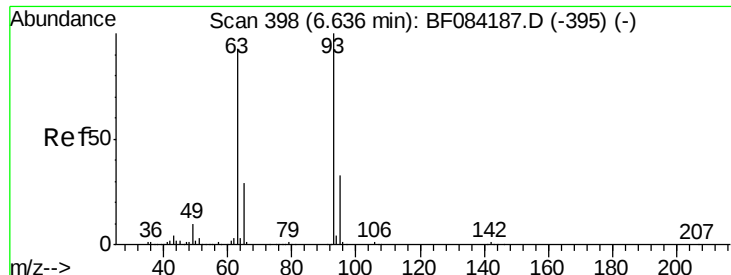
Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Tgt Ion:	94	Resp:	948407
Ion Ratio	Lower	Upper	
94	100		
65	52.6	12.9	52.9
66	84.9	32.7	72.7#





#11

bis(2-Chloroethyl)ether

Concen: 39.83 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

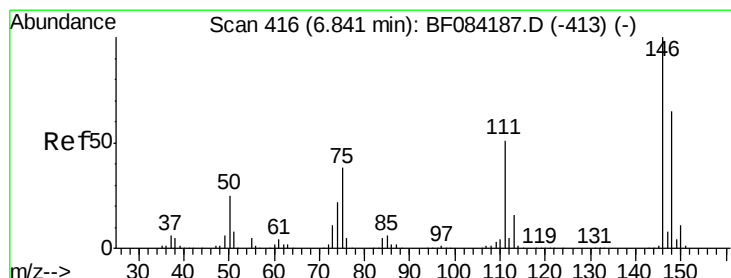
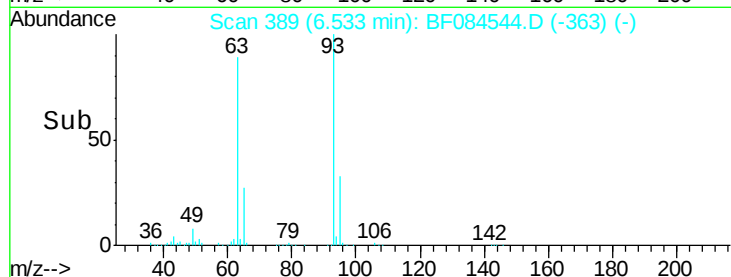
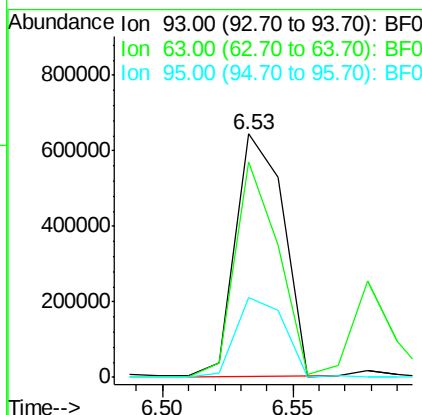
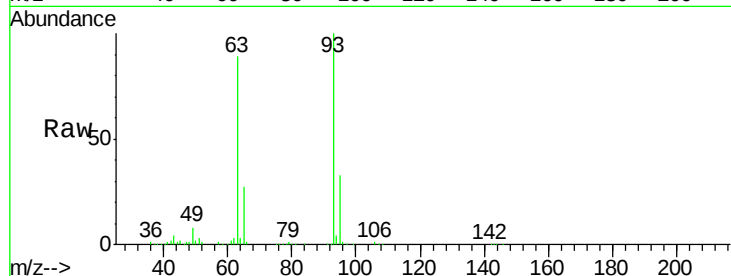
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	827360
Ion Ratio	Lower	Upper	
93	100		
63	88.6	45.9	85.9#
95	32.6	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 40.79 ng

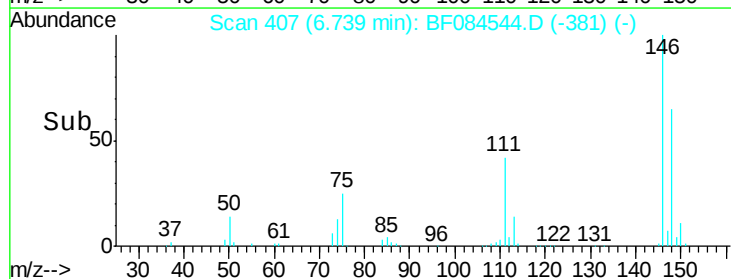
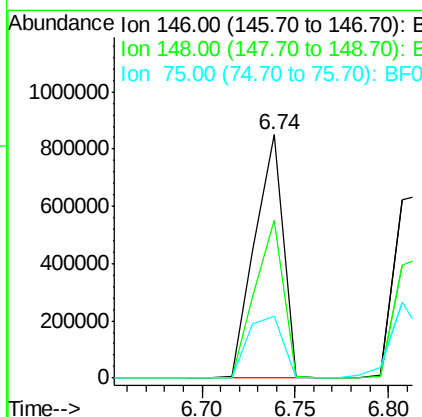
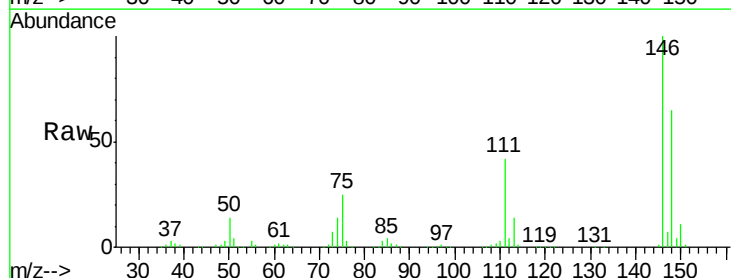
RT: 6.74 min Scan# 407

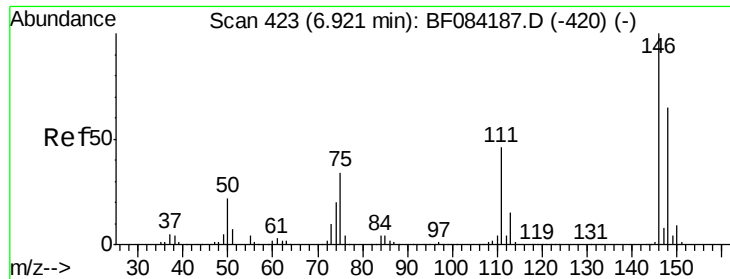
Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Tgt Ion:	146	Resp:	896518
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.9	77.9
75	25.3	20.5	30.7





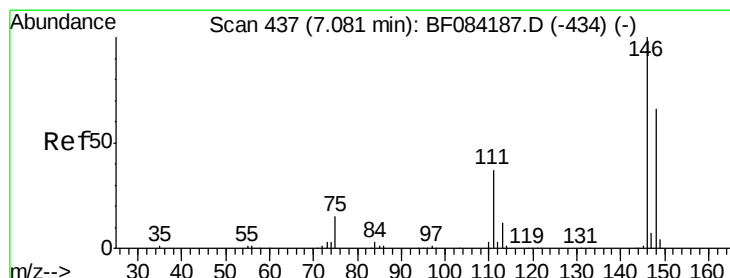
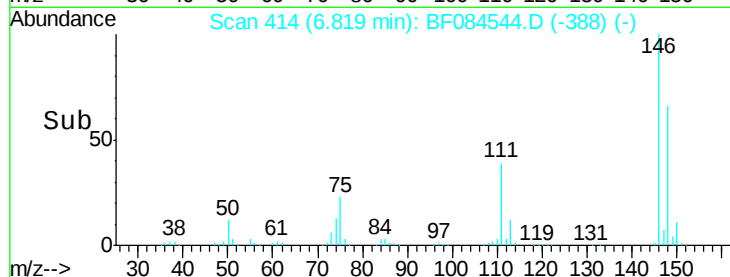
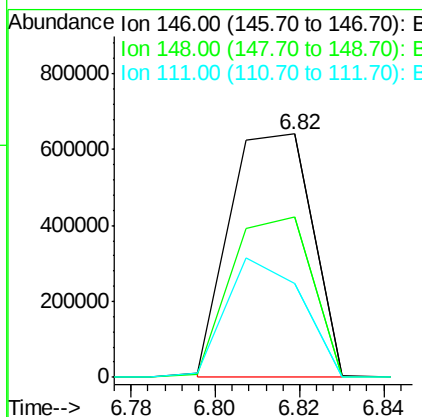
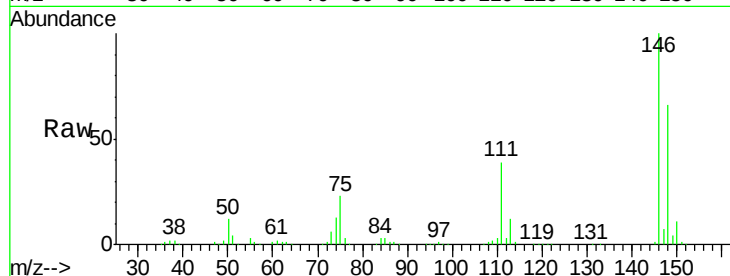
#13
 1,4-Dichlorobenzene
 Concen: 39.50 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.9	77.9
111	38.7	41.6	62.4

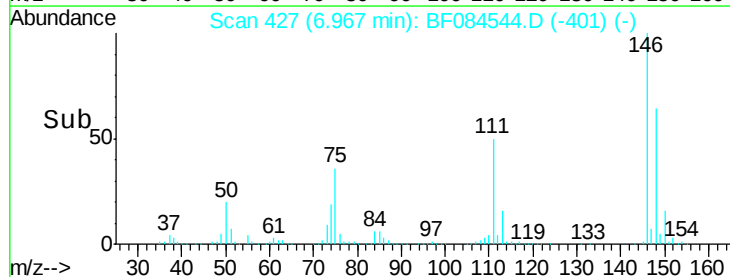
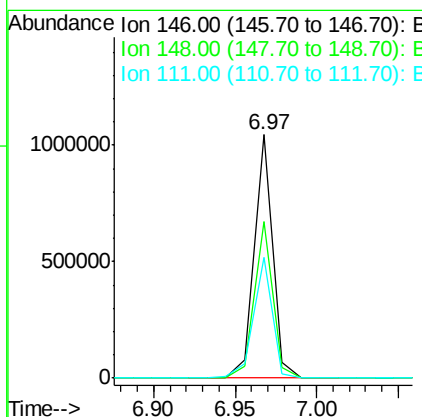
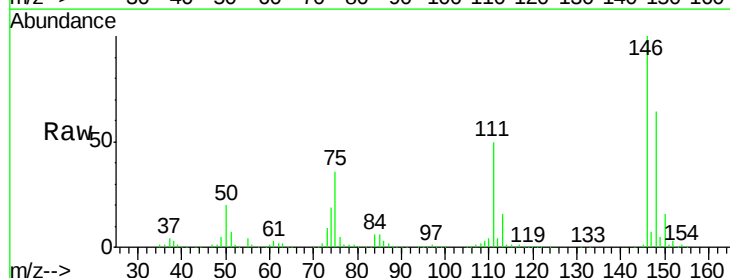
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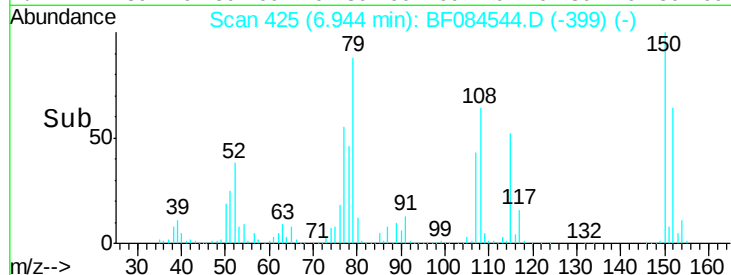
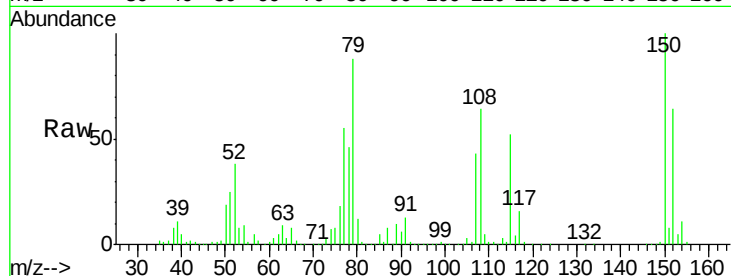
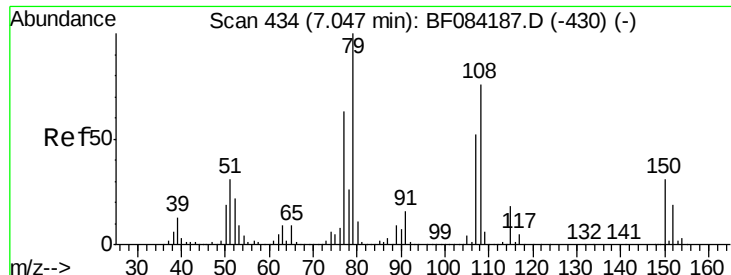
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.82 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	49.7	38.0	57.0





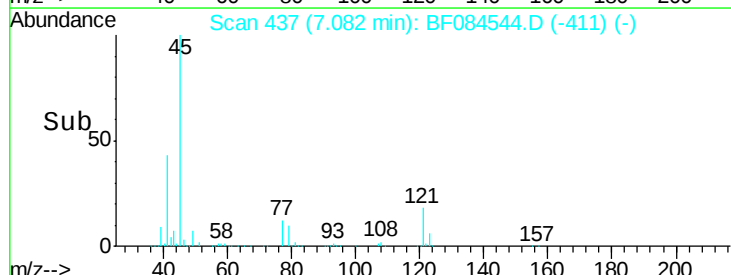
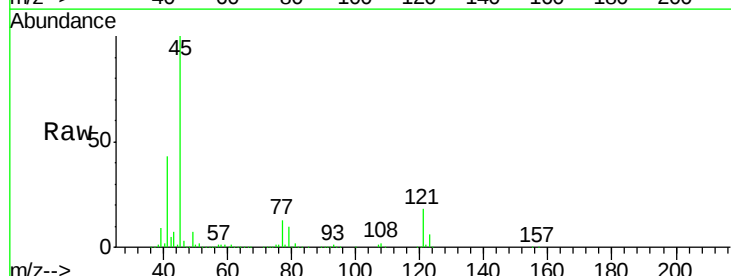
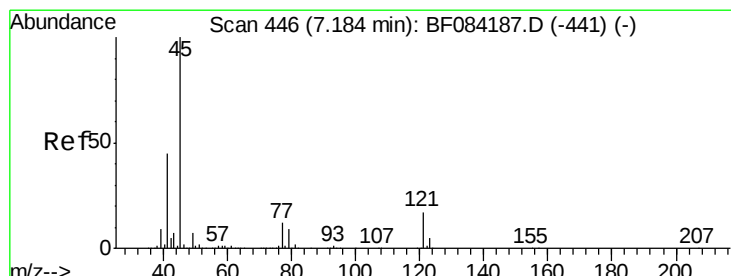
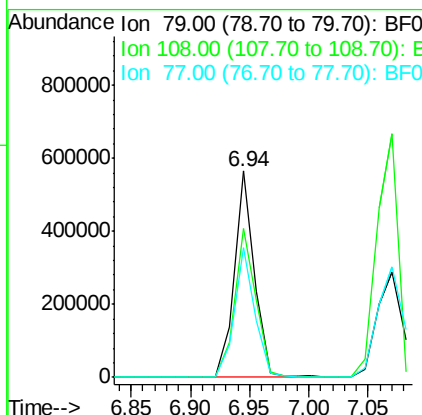
#15
Benzyl Alcohol
Concen: 33.41 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tot Ion: 79 Resp: 662872
Ion Ratio Lower Upper
79 100
108 72.3 69.0 103.4
77 62.7 50.0 75.0

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

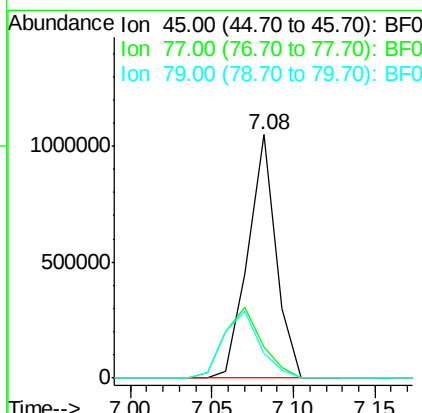
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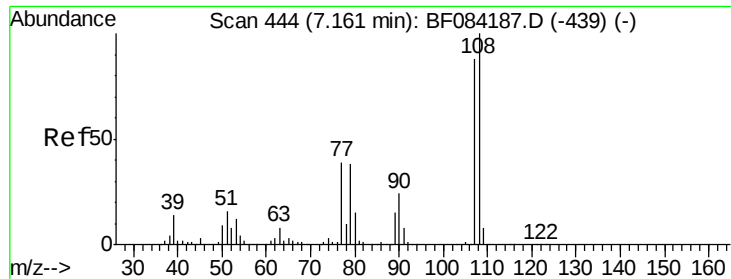
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.14 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion: 45 Resp: 1253430
Ion Ratio Lower Upper
45 100
77 12.6 0.0 39.6
79 9.9 0.0 35.0





#17

2-Methylphenol

Concen: 40.28 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

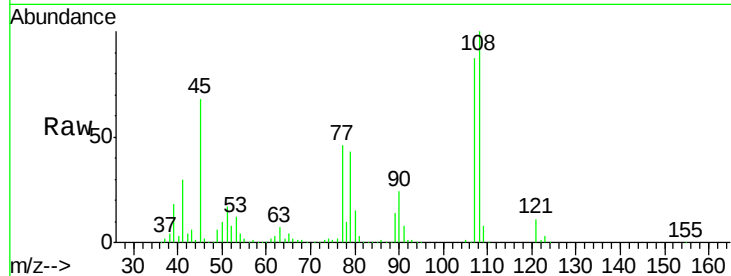
ClientSampled :

SSTDCCC040

Tot Ion	107	Resp	719276
Ion Ratio	Lower	Upper	
107	100		
108	115.4	89.8	134.6
77	52.6	35.7	53.5
79	50.1	35.7	53.5

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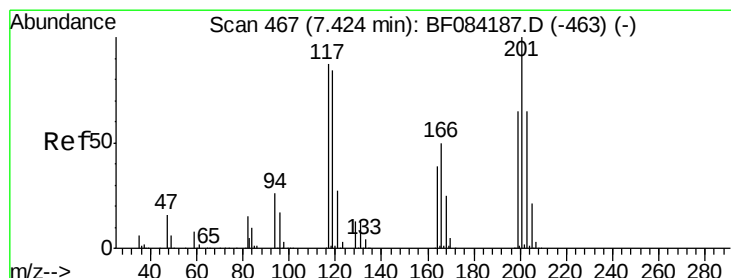
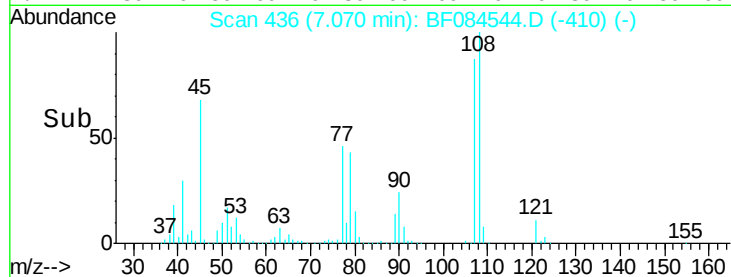
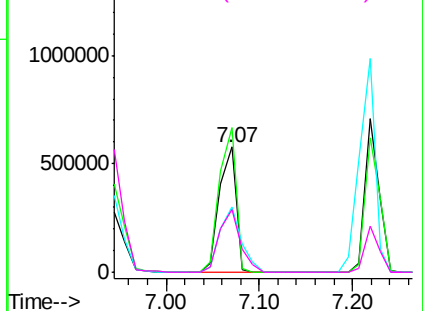


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.57 ng

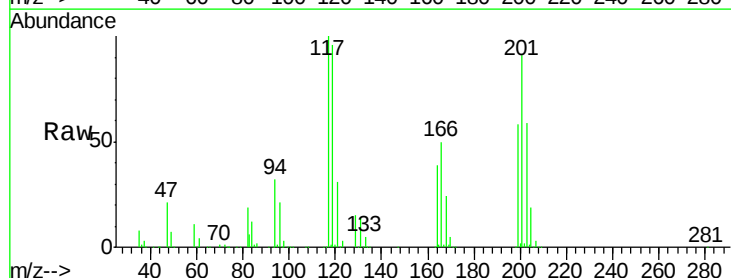
RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

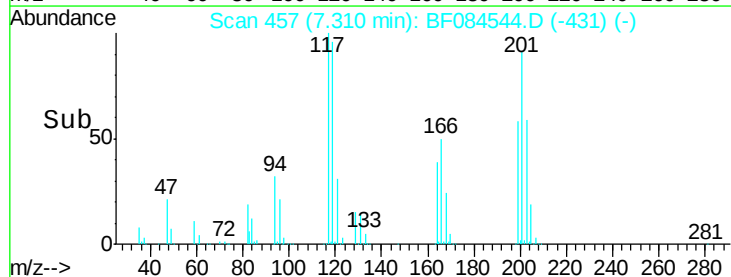
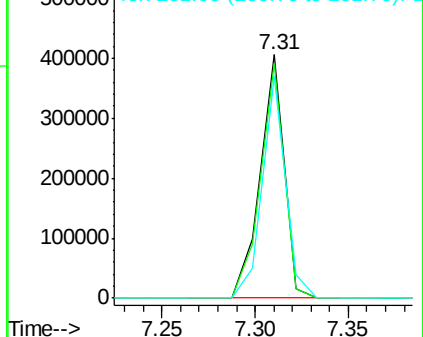
Tgt Ion	117	Resp	357513
Ion Ratio	Lower	Upper	
117	100		
119	96.4	77.4	116.0
201	91.1	68.6	103.0

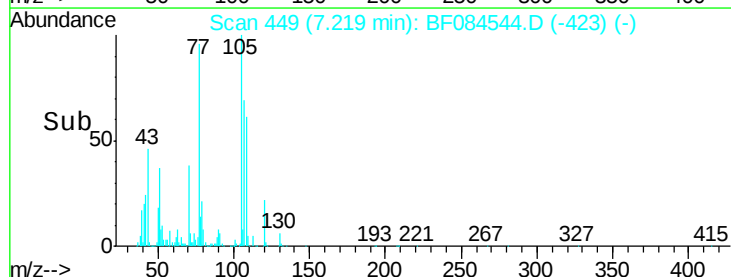
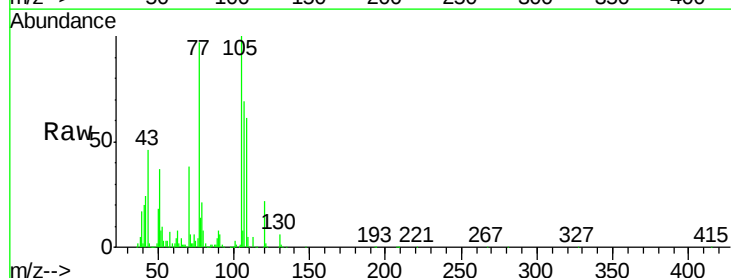
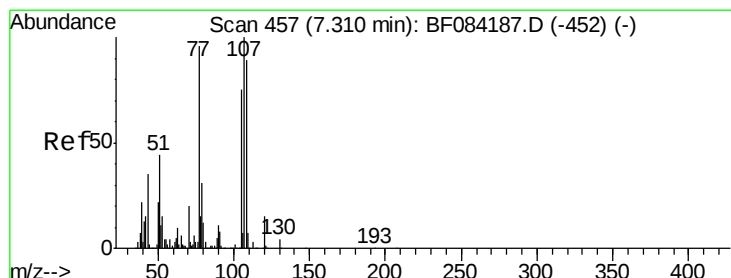
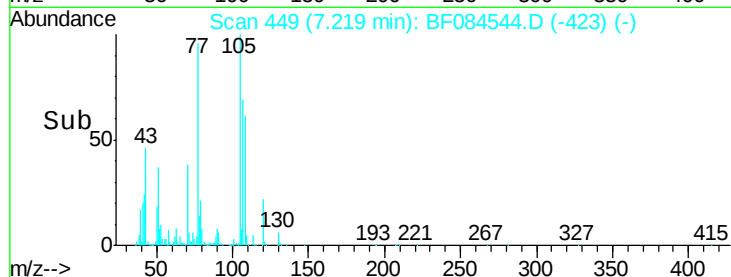
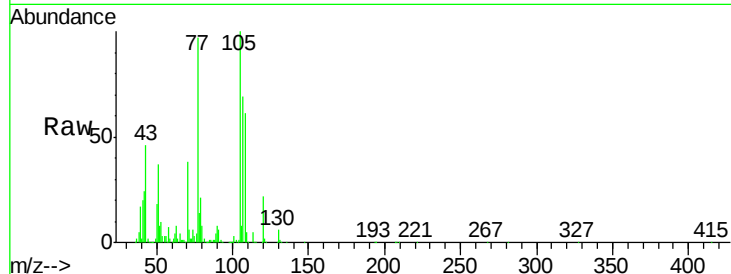
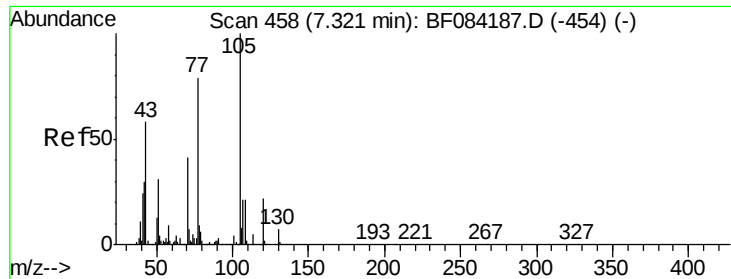


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

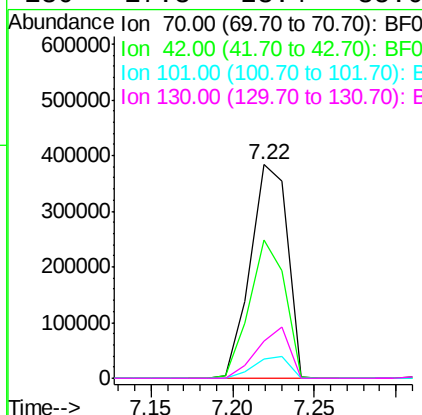




#19
n-Nitroso-di-n-propylamine
Concen: 37.87 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	64.5	33.3	49.9#
101	9.3	9.3	13.9
130	17.3	23.4	35.0#

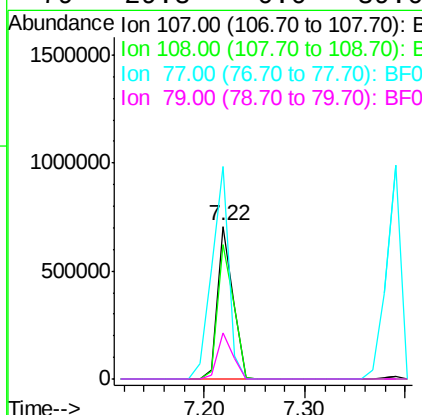


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#20
3+4-Methylphenols
Concen: 35.71 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	87.7	74.6	114.6
77	139.1	0.7	40.7#
79	29.8	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1228665

Ion Ratio Lower Upper

136 100

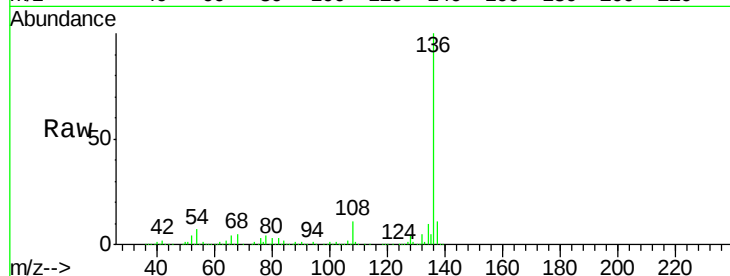
137 11.1 8.7 13.1

54 7.4 5.8 8.8

68 4.8 4.2 6.2

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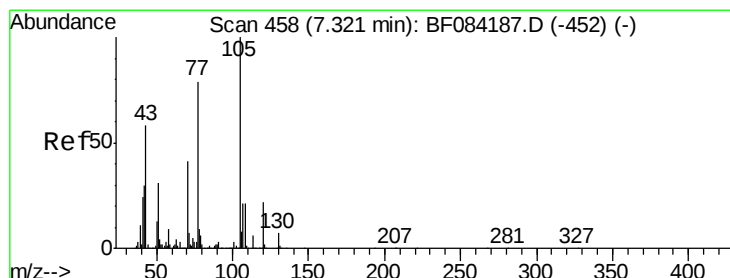
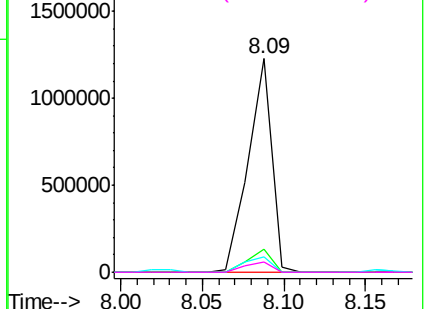
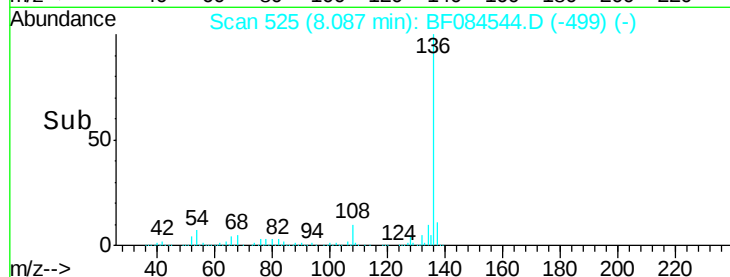


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.51 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Tgt Ion:105 Resp: 1196729

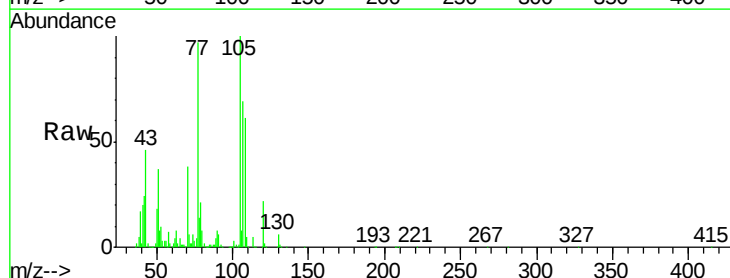
Ion Ratio Lower Upper

105 100

71 6.3 3.7 5.5#

51 36.8 25.1 37.7

120 21.8 16.6 25.0

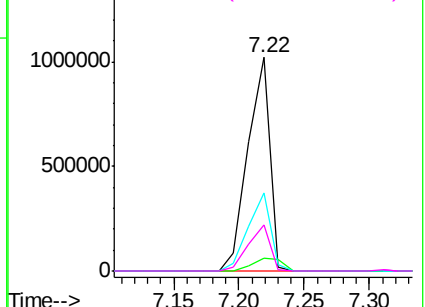
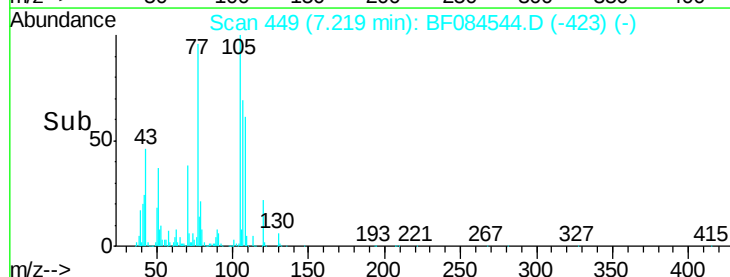


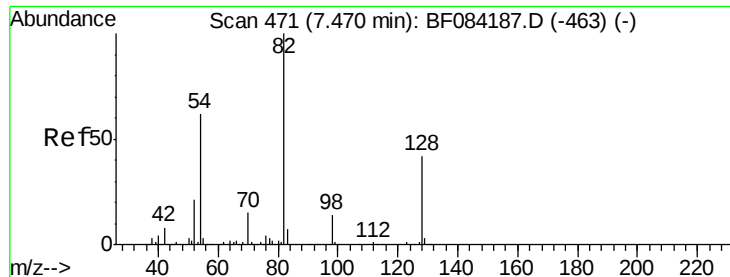
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





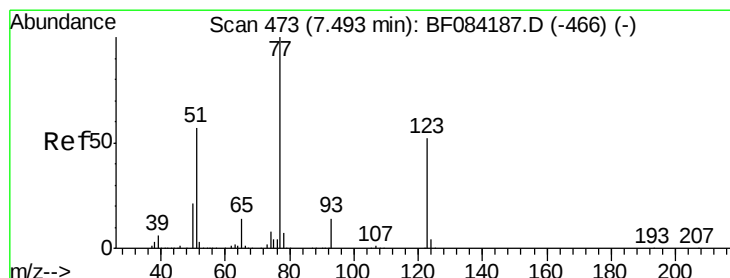
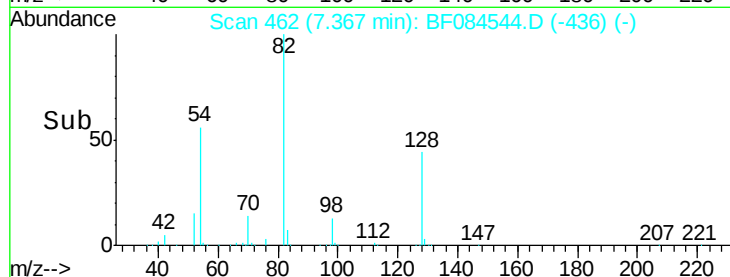
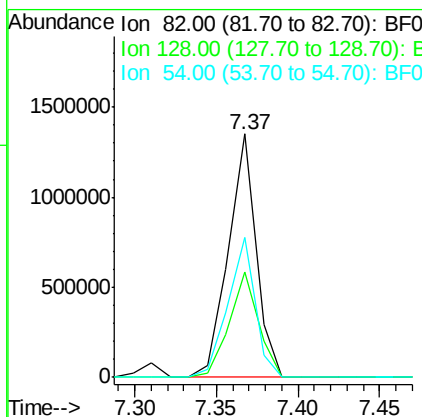
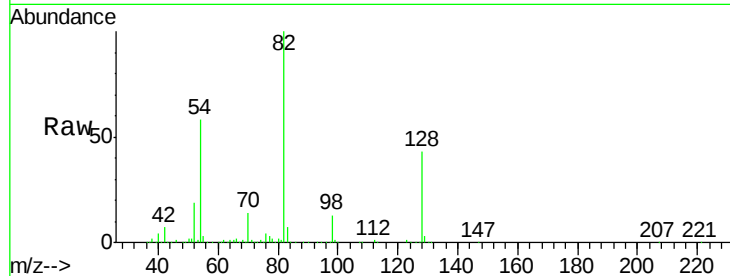
#23
Nitrobenzene-d5
Concen: 71.88 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1586876
Ion Ratio	100	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	57.6	38.4	57.6

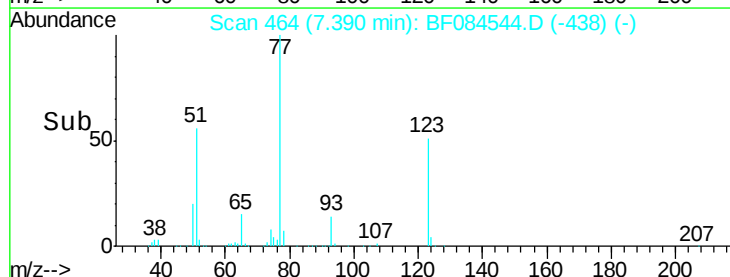
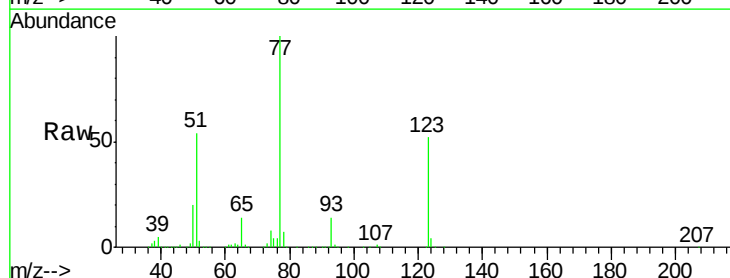
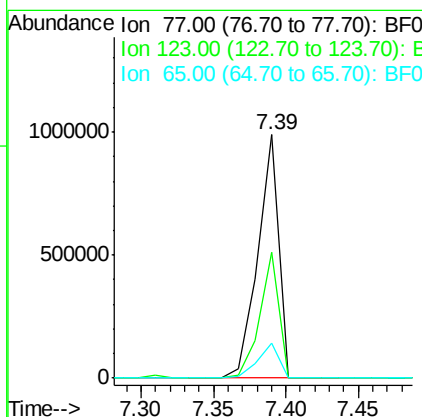
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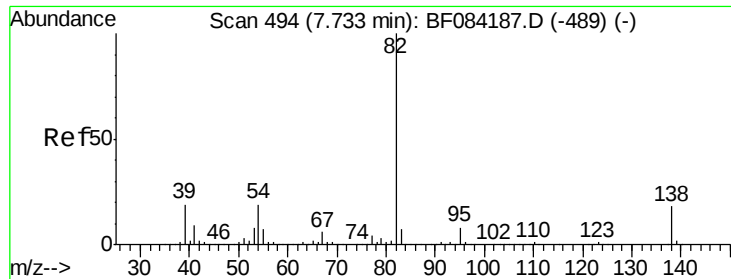
mohammad
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#24
Nitrobenzene
Concen: 43.97 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion	77	Resp	984517
Ion Ratio	100	Lower	Upper
77	100		
123	51.8	37.4	56.2
65	14.2	10.9	16.3





#25

Isophorone

Concen: 39.14 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1652679

Ion Ratio Lower Upper

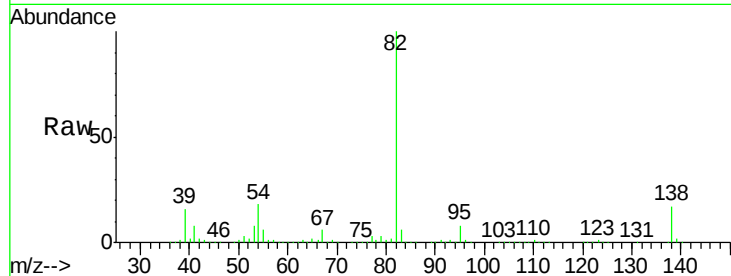
82 100

95 7.7 6.6 10.0

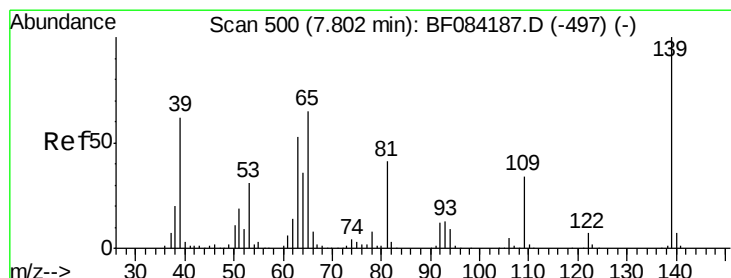
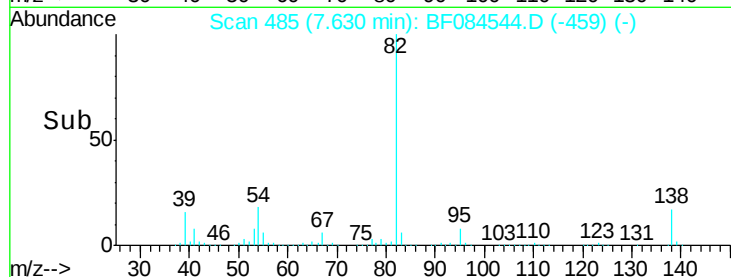
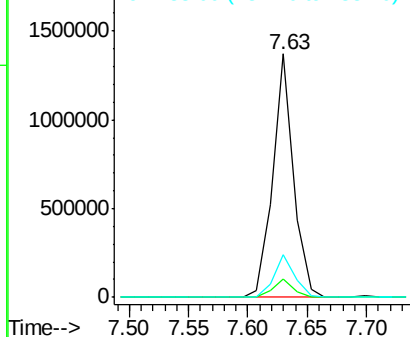
138 17.4 13.6 20.4

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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: 40.83 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

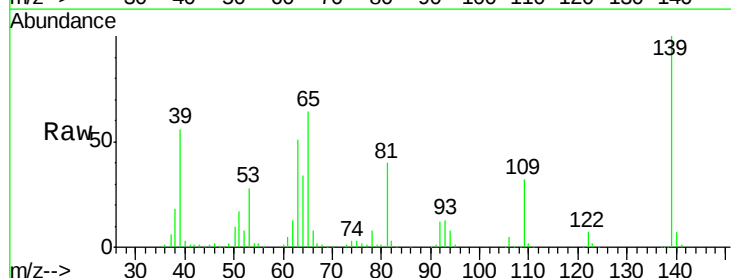
Tgt Ion: 139 Resp: 416073

Ion Ratio Lower Upper

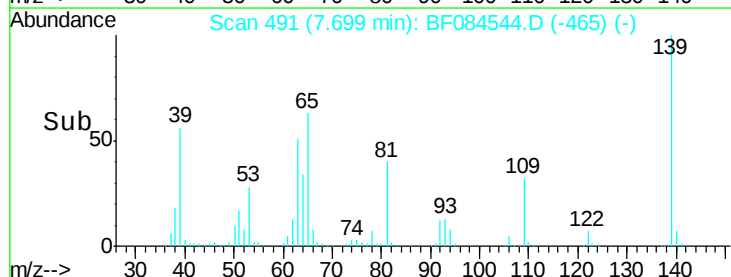
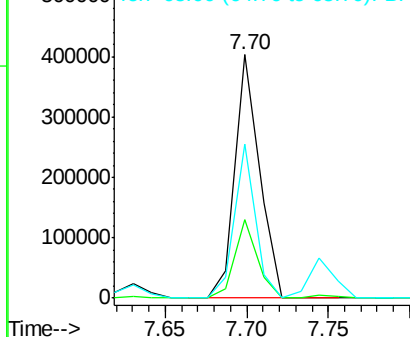
139 100

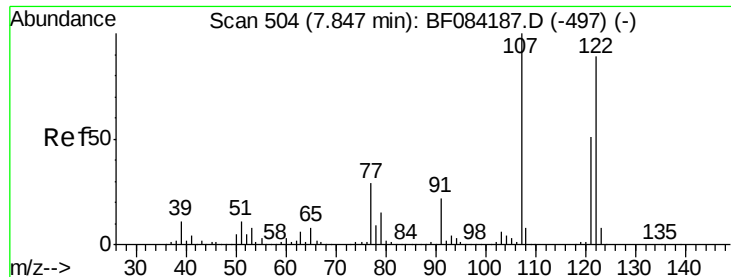
109 32.3 25.4 38.2

65 63.5 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





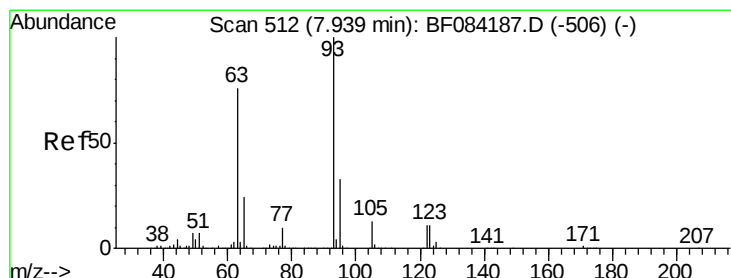
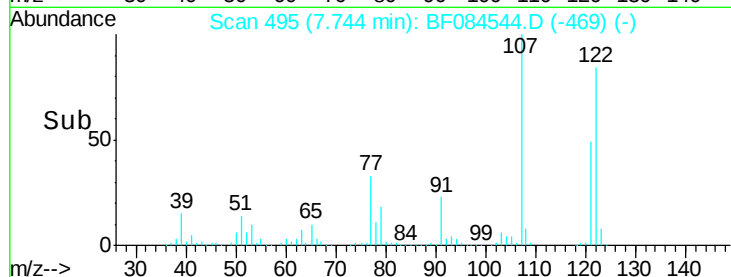
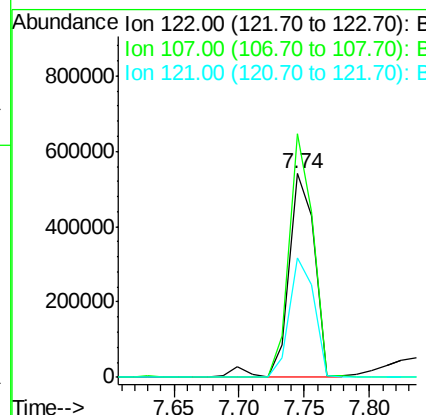
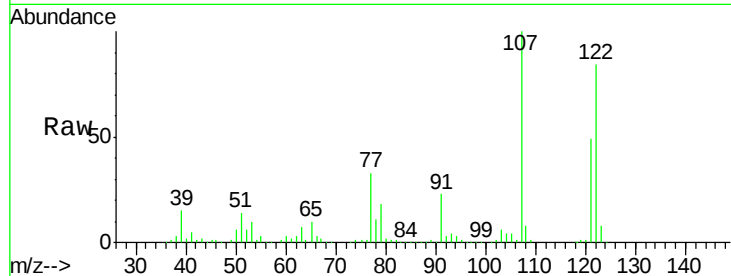
#27
 2,4-Dimethylphenol
 Concen: 36.77 ng
 RT: 7.74 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	99.1	148.7
121	58.5	47.9	71.9

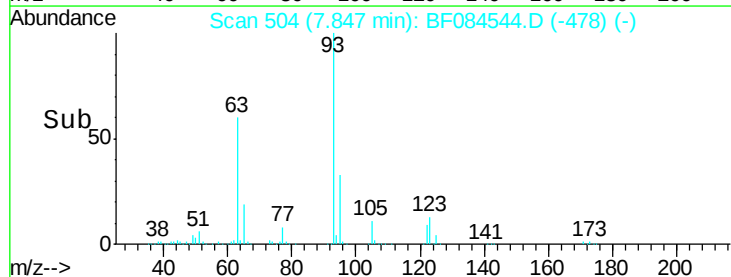
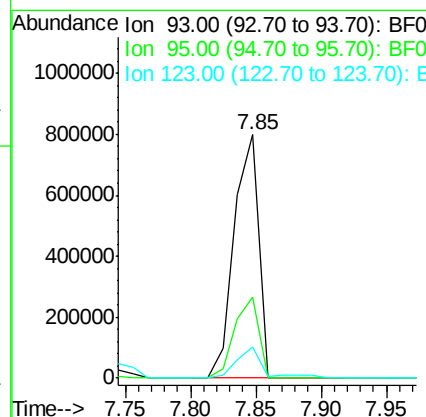
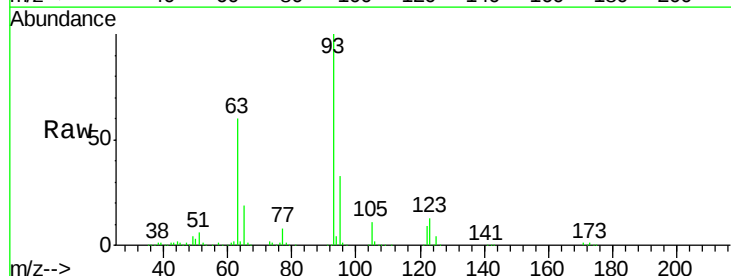
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.94 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.8	38.6
123	12.7	8.6	12.8





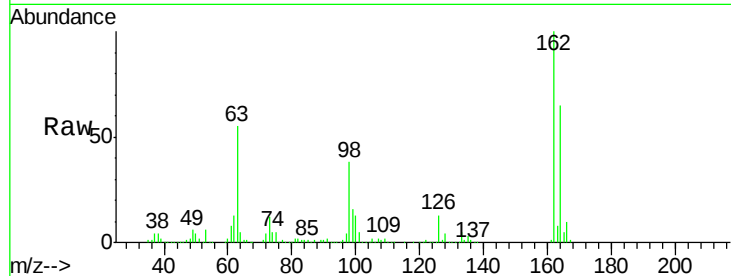
#29
2,4-Dichlorophenol
Concen: 41.70 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.4	44.1	84.1
98	38.1	20.2	60.2

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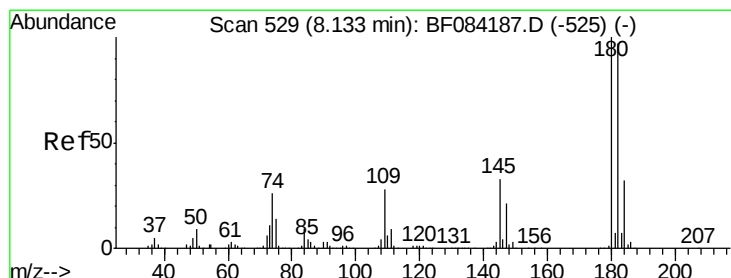
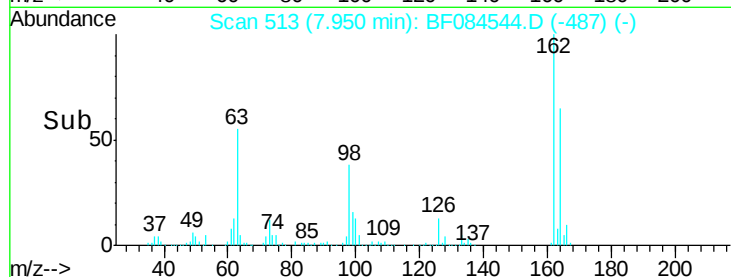
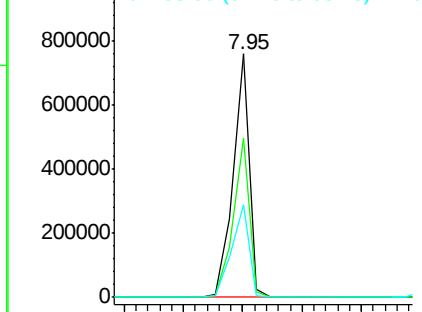


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 42.29 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

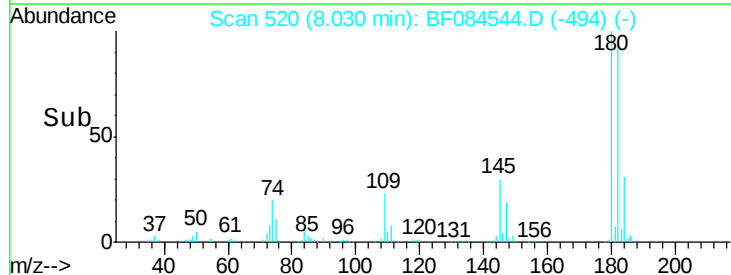
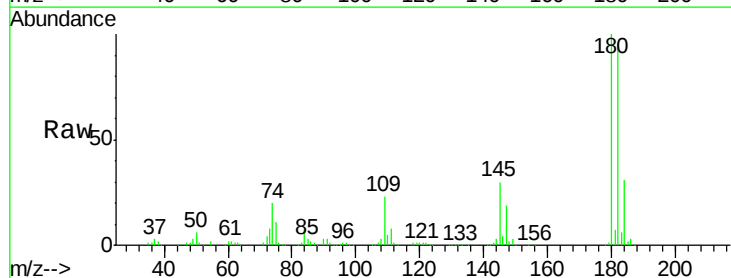
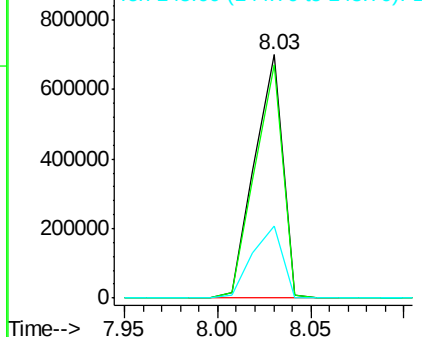
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	76.4	114.6
145	29.6	31.6	47.4#

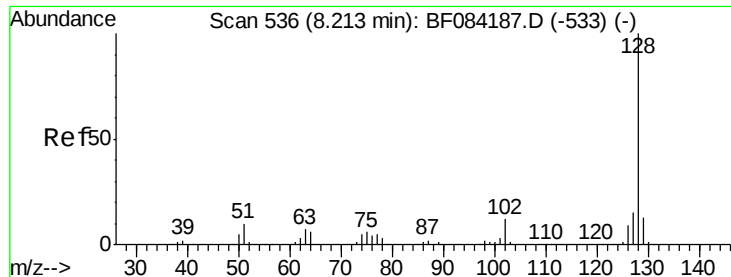
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





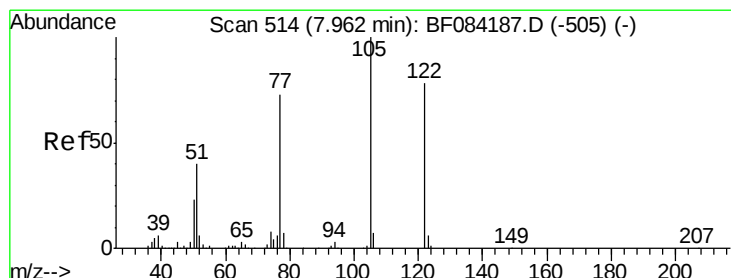
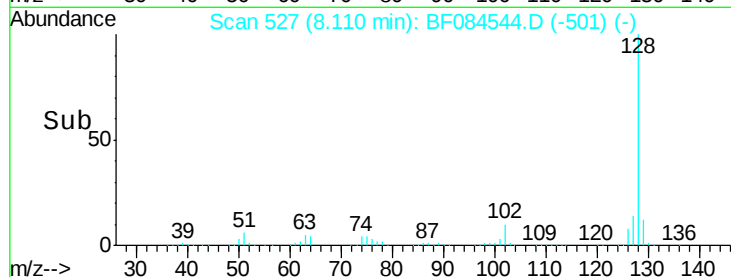
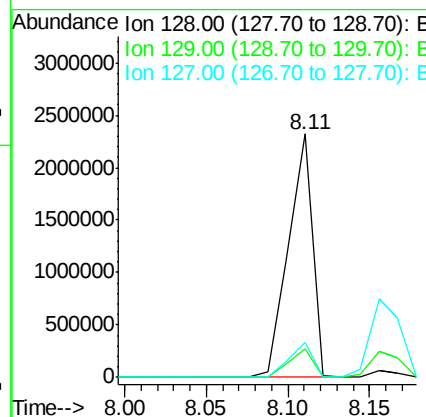
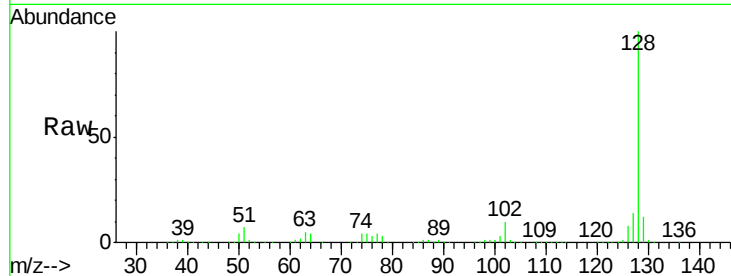
#31
Naphthalene
Concen: 43.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2397023
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 14.4 11.1 16.7

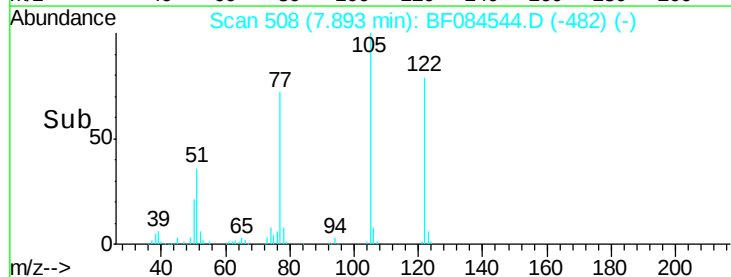
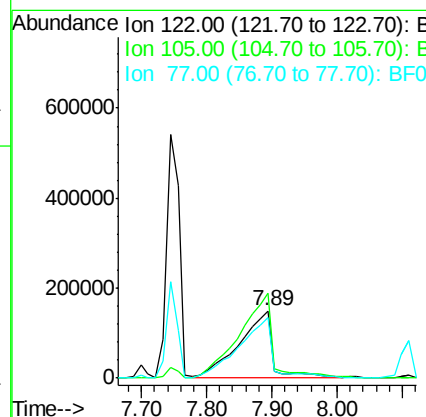
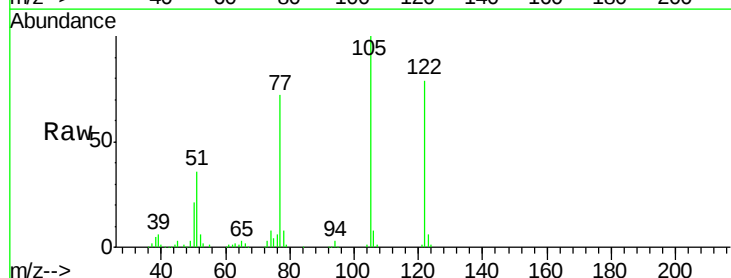
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#32
Benzoic acid
Concen: 40.42 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion:122 Resp: 521249
Ion Ratio Lower Upper
122 100
105 125.9 100.3 140.3
77 90.9 63.5 103.5





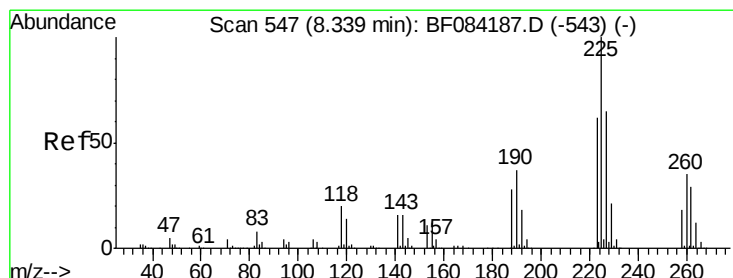
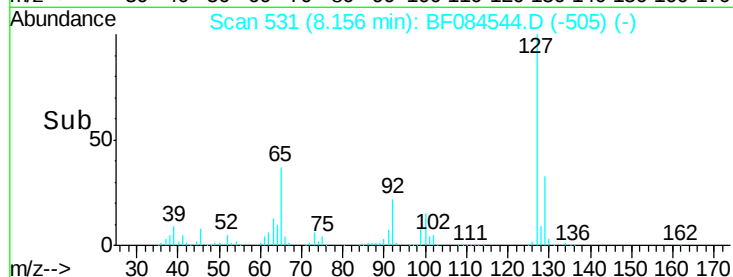
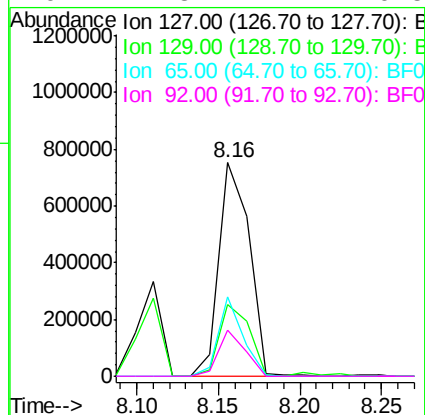
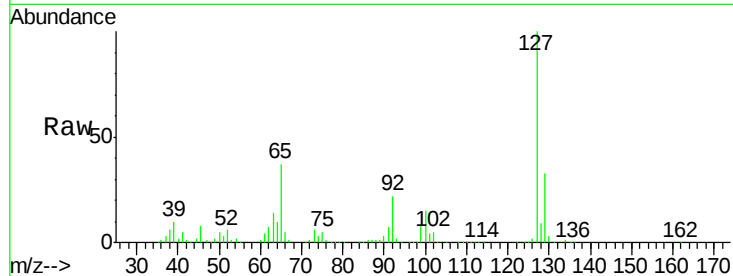
#33
4-Chloroaniline
Concen: 37.85 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100	967398		
129	33.5	26.5	39.7	
65	37.4	27.2	40.8	
92	21.8	17.7	26.5	

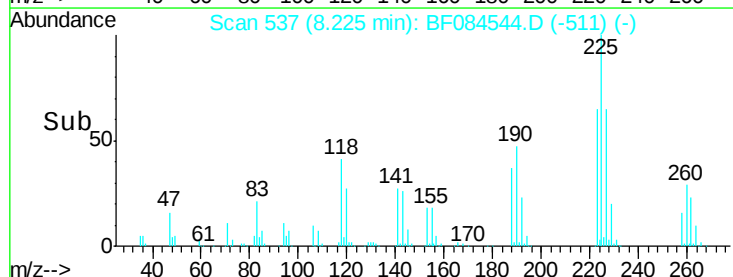
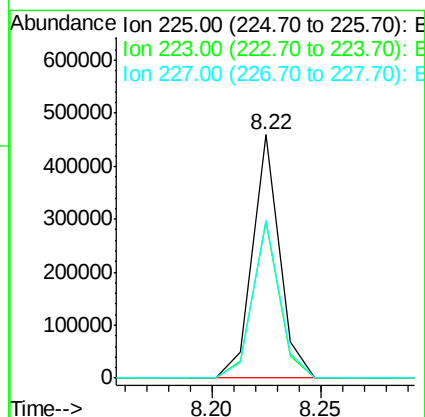
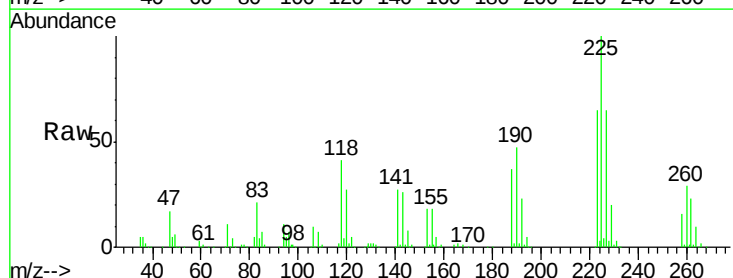
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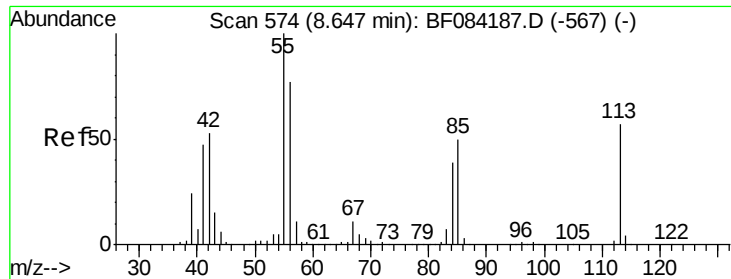
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#34
Hexachlorobutadiene
Concen: 38.87 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	396321		
223	64.5	49.4	74.0	
227	64.9	50.8	76.2	





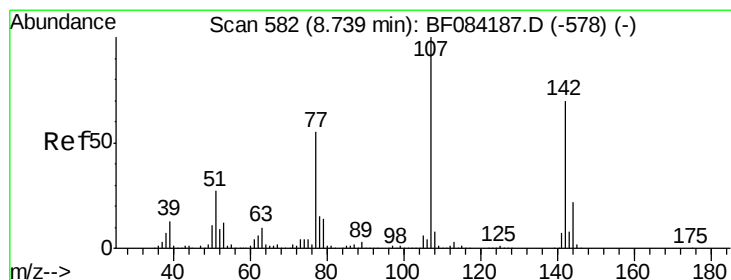
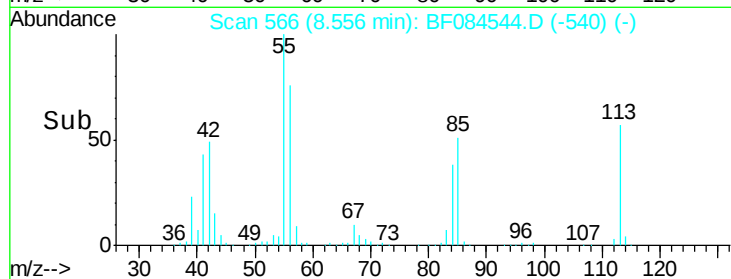
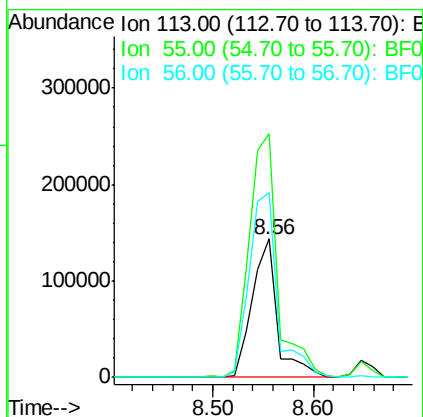
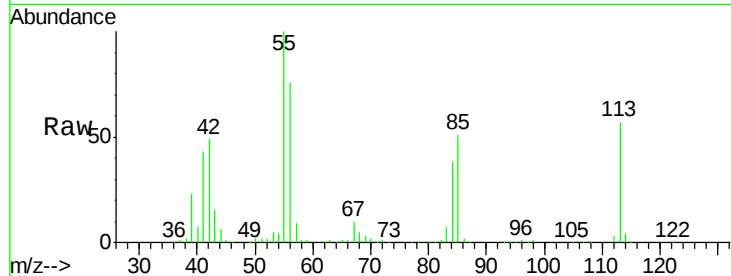
#35
Caprolactam
Concen: 43.26 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	175.9	116.9	156.9#	
56	133.7	93.8	133.8	

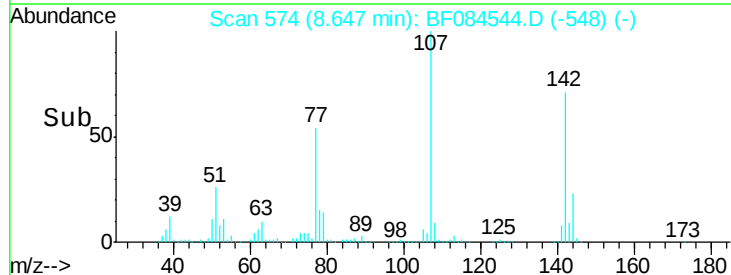
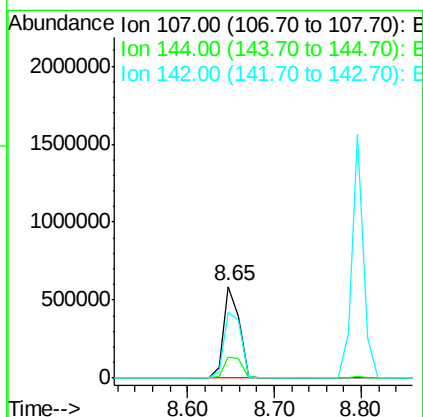
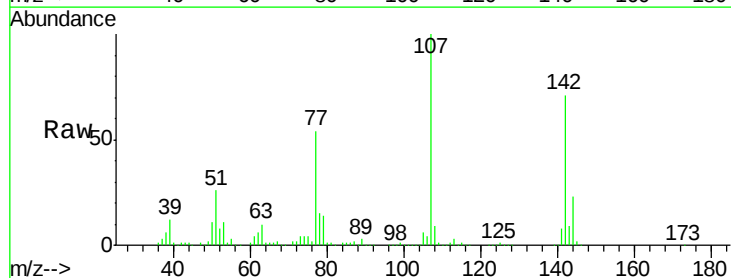
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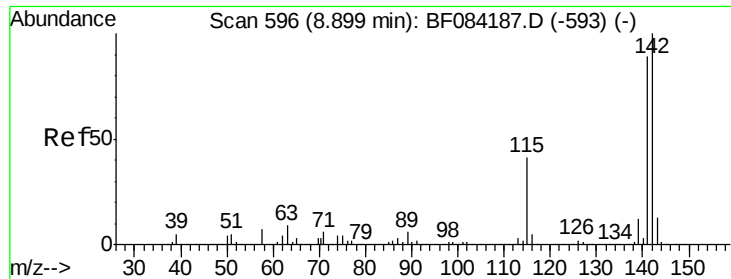
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#36
4-Chloro-3-methylphenol
Concen: 38.34 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.9	19.7	29.5	
142	70.9	61.8	92.6	





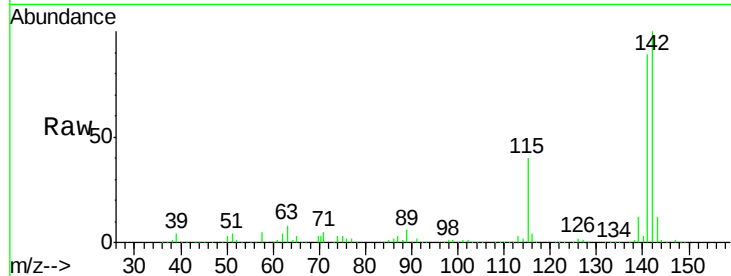
#37
2-Methylnaphthalene
Concen: 36.34 ng
RT: 8.80 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.4	108.6
115	39.5	27.9	41.9

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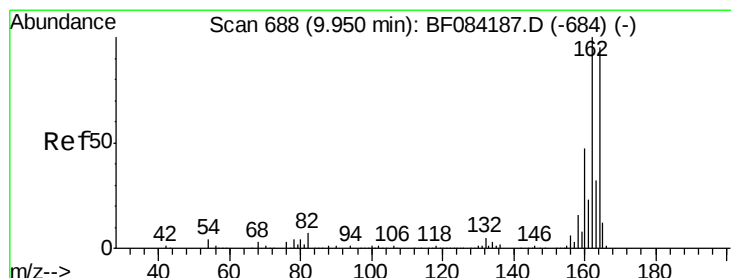
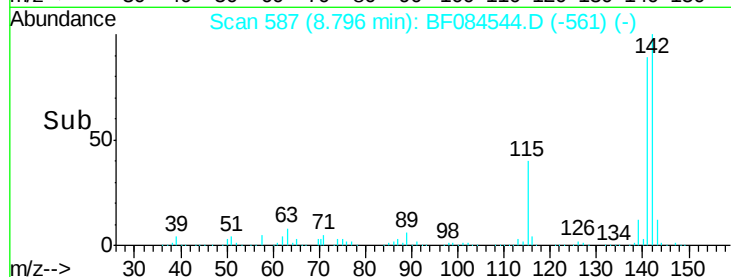
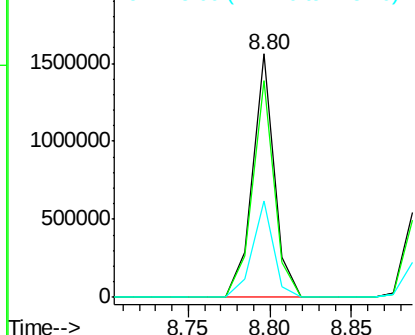


Abundance

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. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

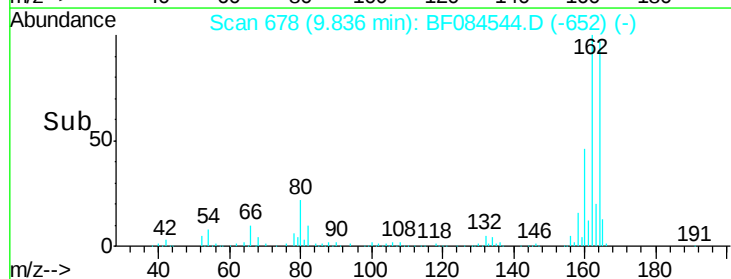
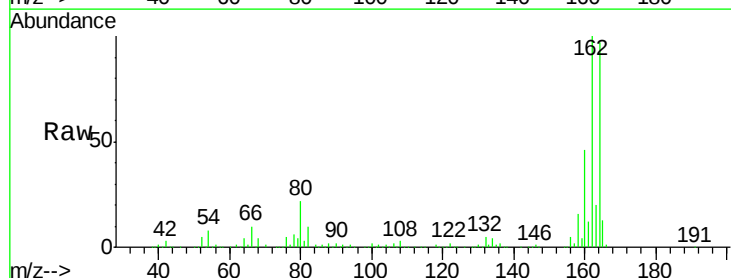
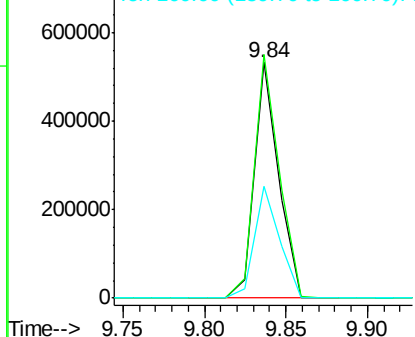
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.1	127.7
160	47.5	37.5	56.3

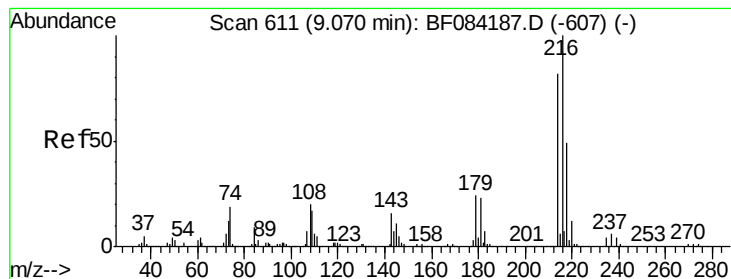
Abundance

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: 45.76 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

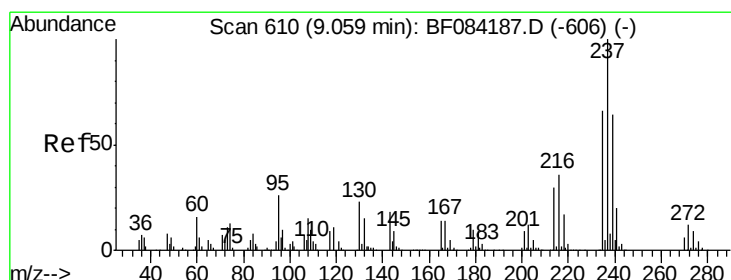
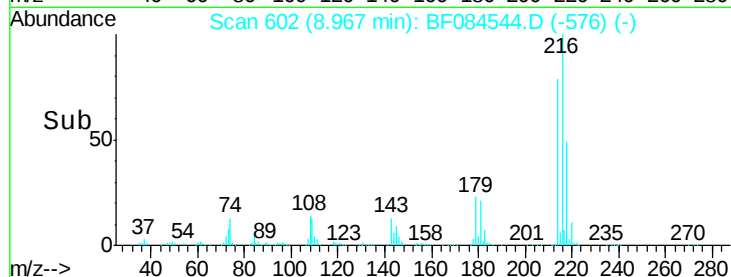
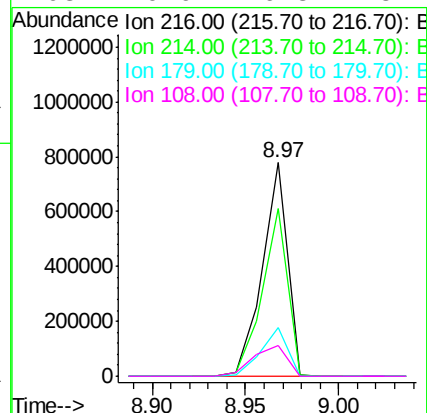
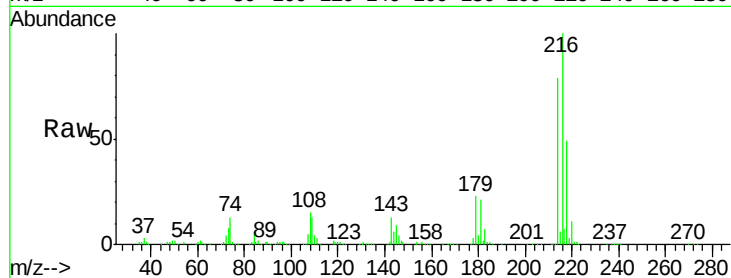
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		720425		
214	79.2		64.2	96.2	
179	23.8		18.7	28.1	
108	19.9		16.8	25.2	

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#40

Hexachlorocyclopentadiene

Concen: 38.69 ng

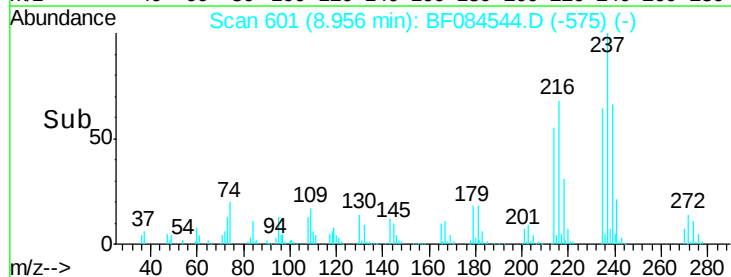
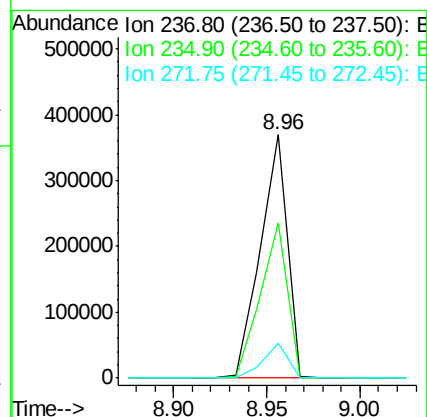
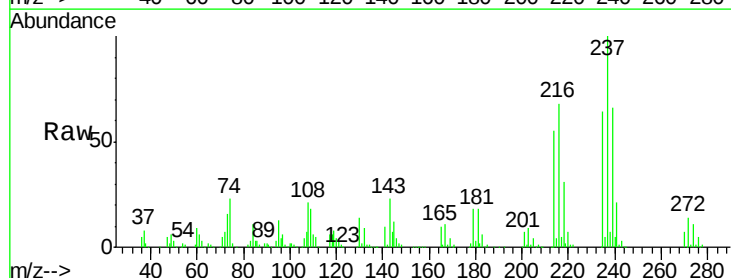
RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		367711		
235	63.9		43.1	83.1	
272	14.2		0.0	35.1	





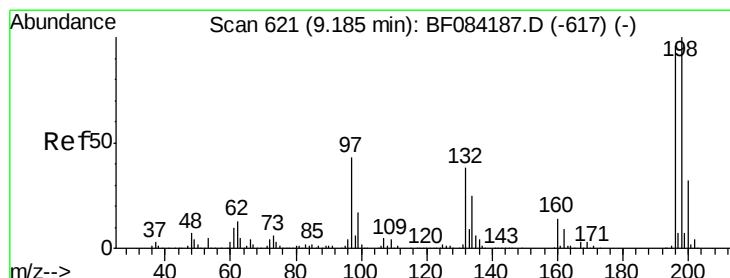
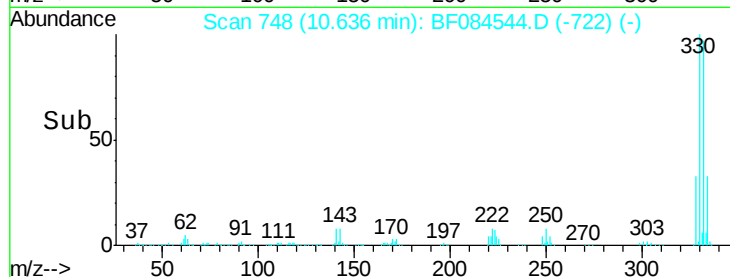
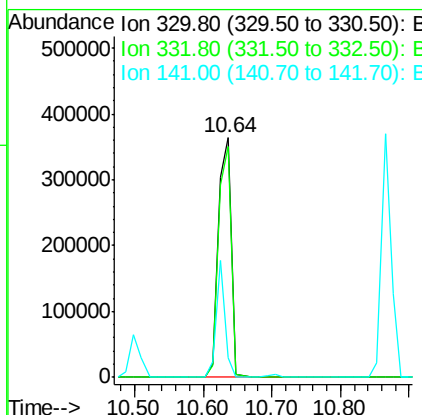
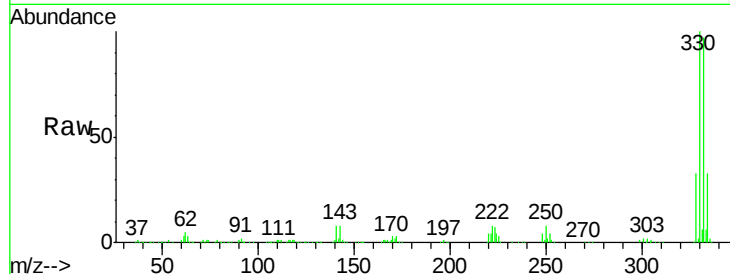
#41
 2,4,6-Tribromophenol
 Concen: 86.85 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	76.6	114.8	
141	33.2	27.8	41.6	

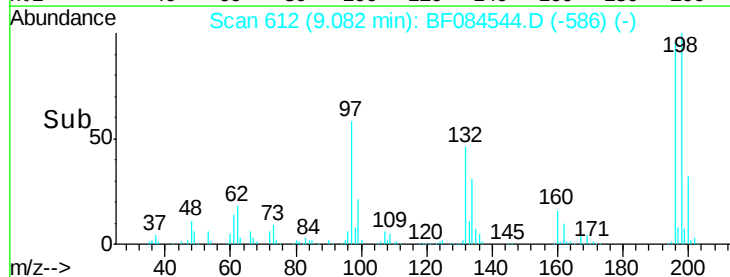
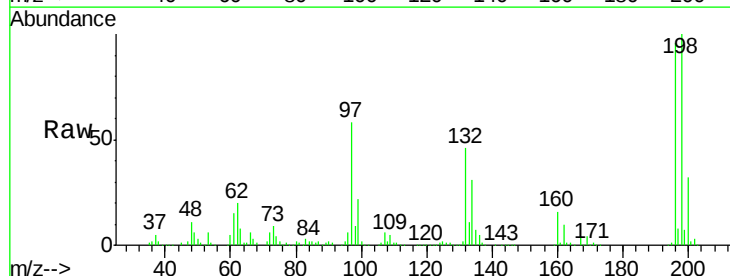
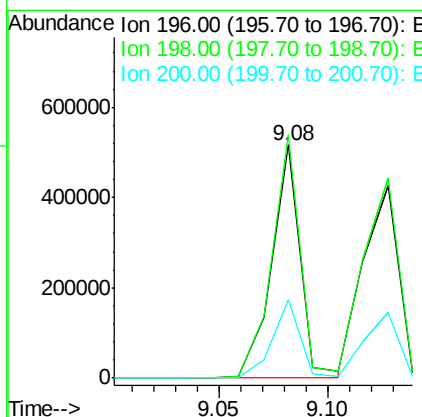
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#42
 2,4,6-Trichlorophenol
 Concen: 40.48 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	104.6	77.7	116.5	
200	33.9	24.6	37.0	





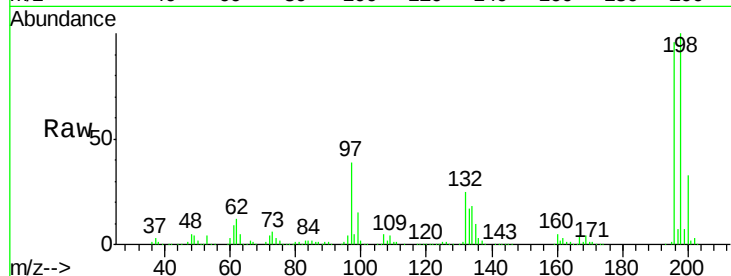
#43
 2,4,5-Trichlorophenol
 Concen: 42.83 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	483603
Ion Ratio	Lower	Upper	
196	100		
198	104.0	79.0	118.6
97	40.8	33.0	49.6
132	26.2	21.1	31.7

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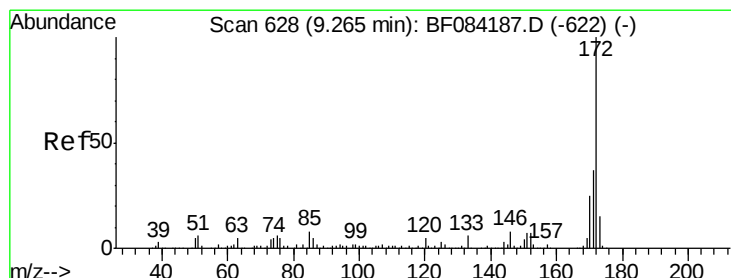
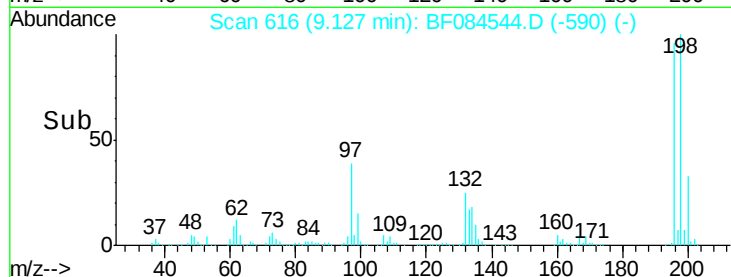
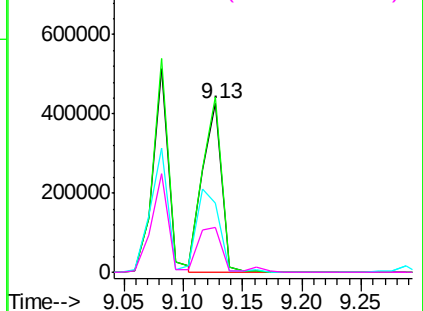
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.24 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

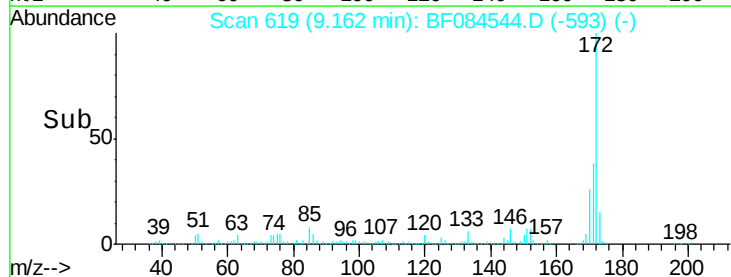
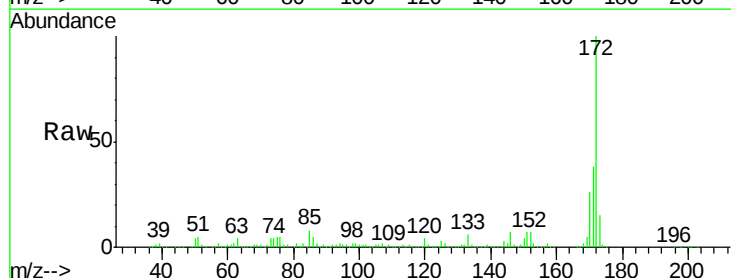
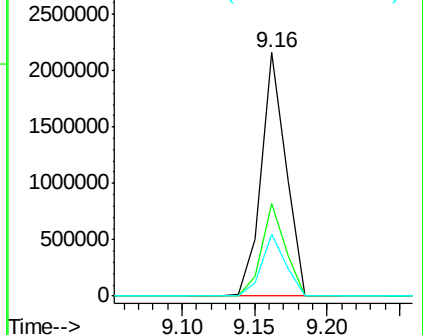
Tgt Ion	172	Resp	2537850
Ion Ratio	Lower	Upper	
172	100		
171	38.0	28.9	43.3
170	25.6	18.6	27.8

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.37 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1800474

Ion Ratio Lower Upper

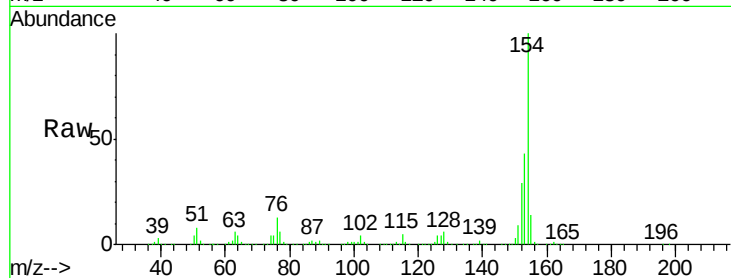
154 100

153 42.5 21.6 61.6

76 12.9 0.0 32.7

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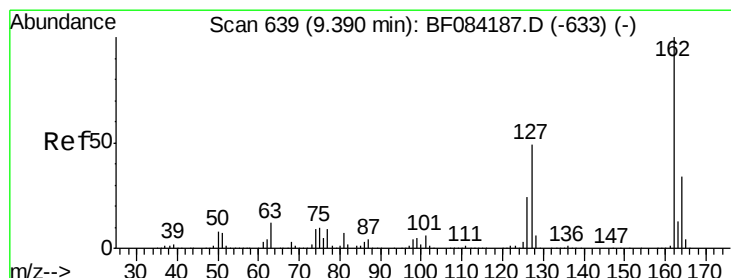
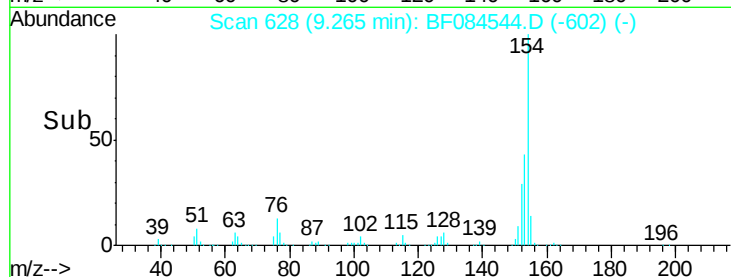
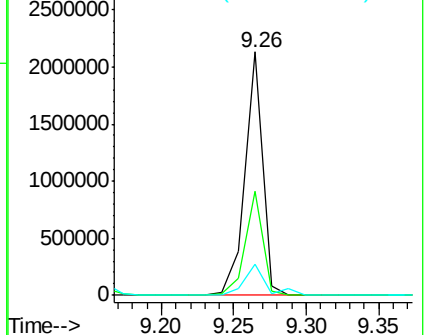
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.79 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

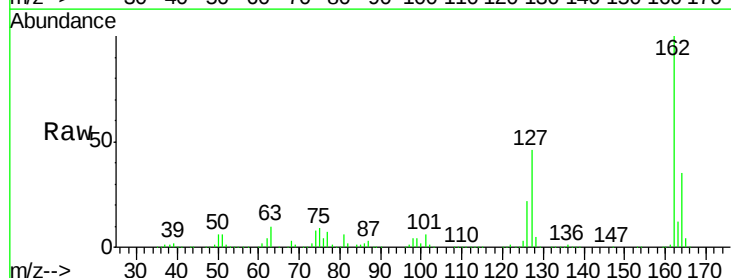
Tgt Ion:162 Resp: 1360198

Ion Ratio Lower Upper

162 100

127 46.4 40.2 60.4

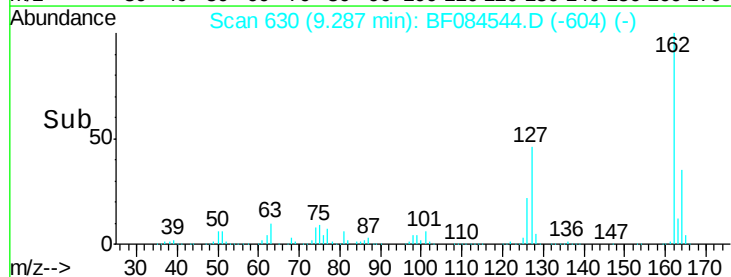
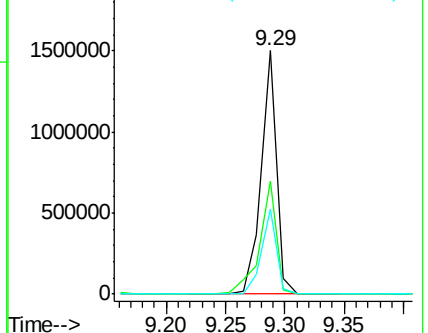
164 34.7 25.7 38.5

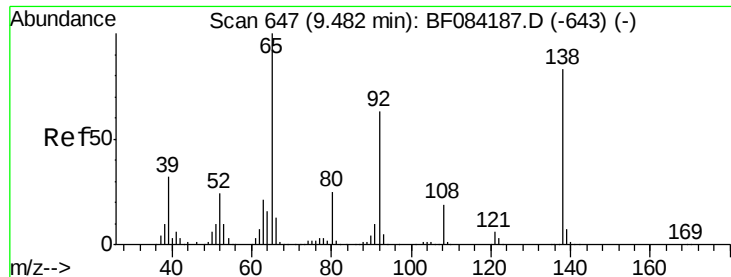


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





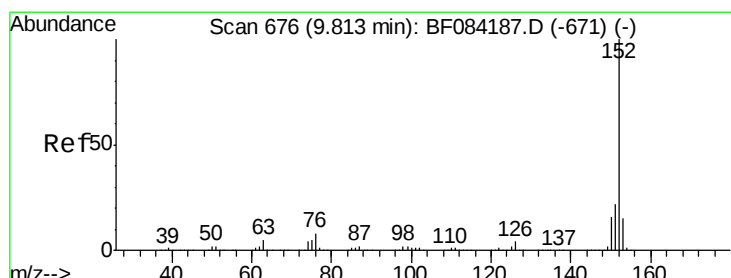
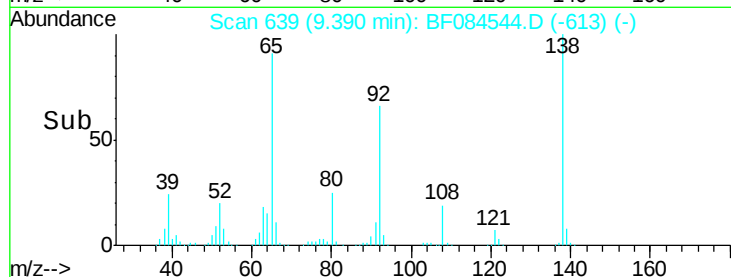
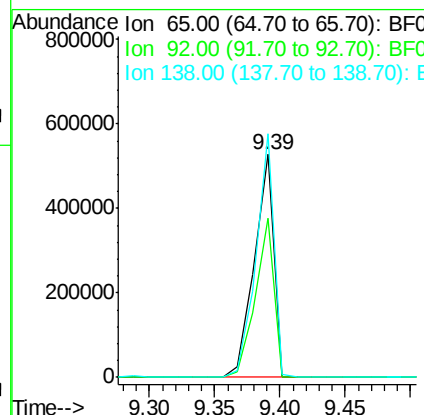
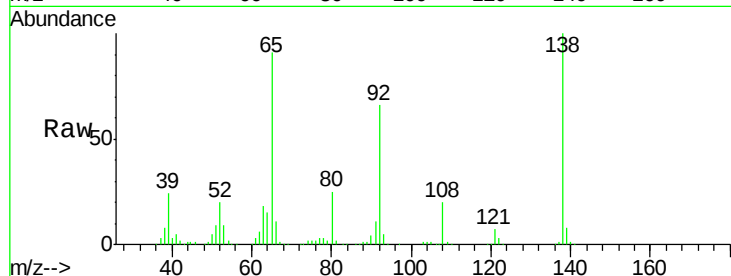
#47
 2-Nitroaniline
 Concen: 48.65 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.4	80.2
138	109.3	71.1	106.7

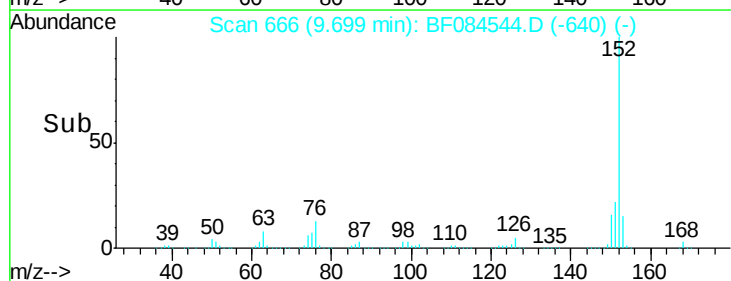
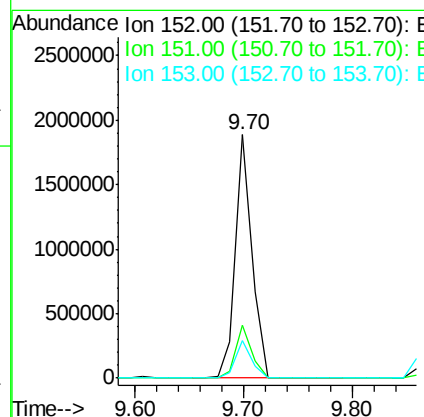
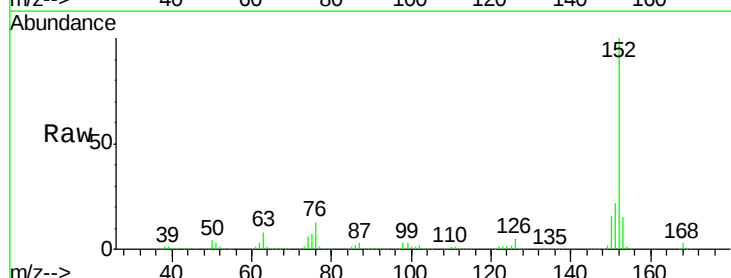
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#48
 Acenaphthylene
 Concen: 38.81 ng
 RT: 9.70 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.3	24.5
153	15.5	10.4	15.6





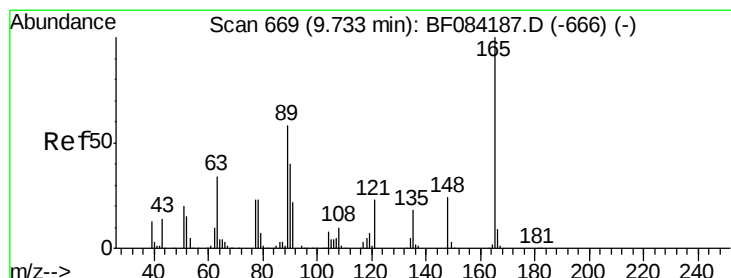
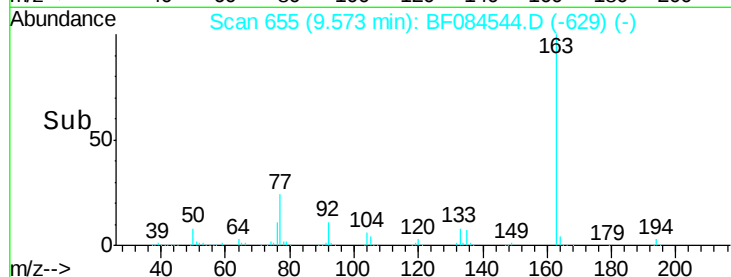
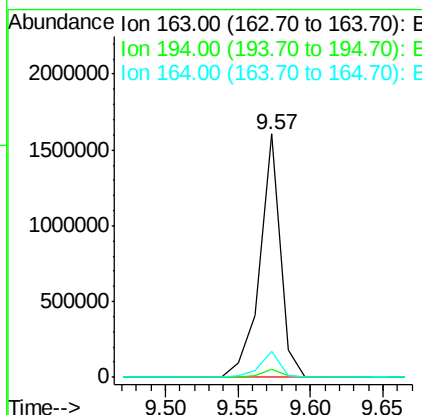
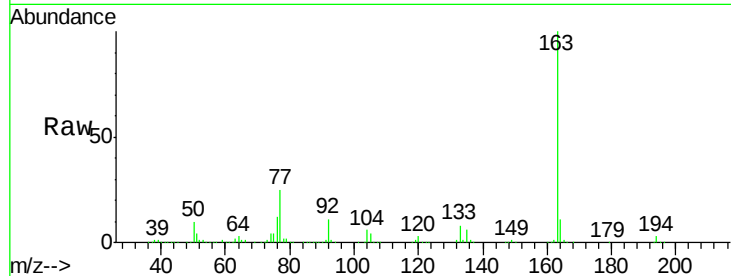
#49
Dimethylphthalate
Concen: 40.06 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1568224
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.9 8.0 12.0

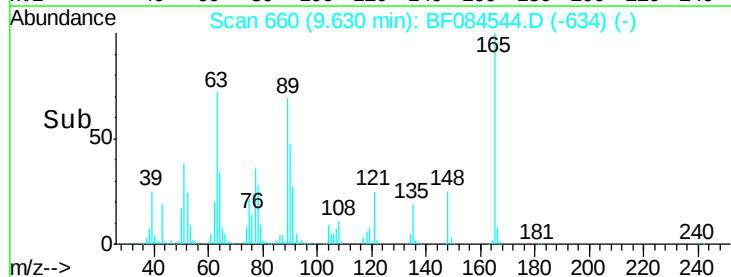
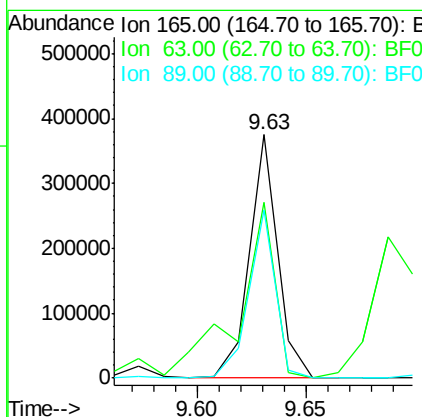
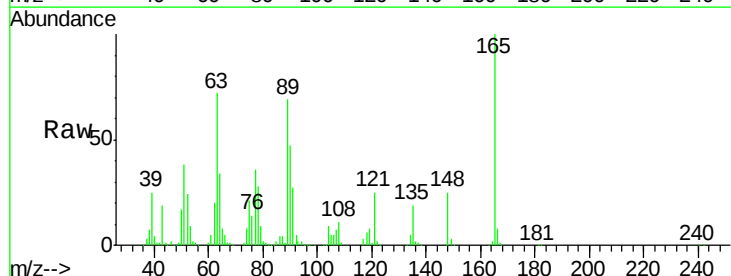
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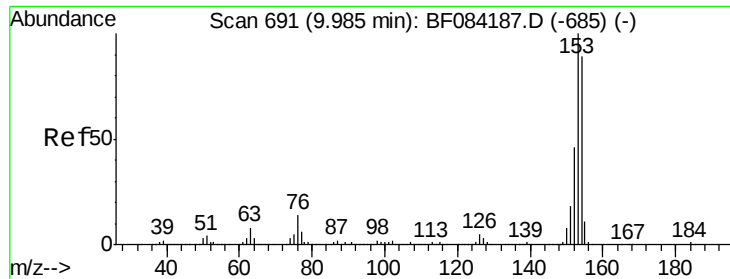
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#50
2,6-Dinitrotoluene
Concen: 39.28 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion:165 Resp: 337282
Ion Ratio Lower Upper
165 100
63 72.4 28.8 43.2#
89 69.0 35.1 52.7#





#51

Acenaphthene

Concen: 41.67 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1411684

Ion Ratio Lower Upper

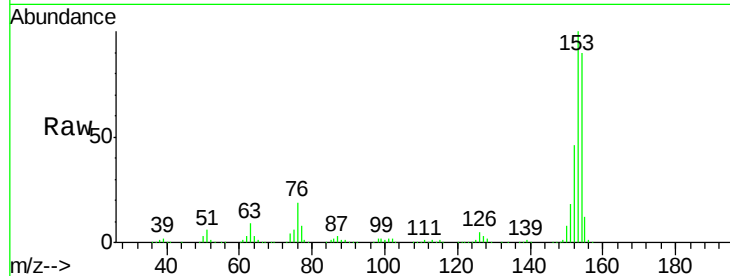
154 100

153 111.7 91.5 137.3

152 51.1 43.0 64.6

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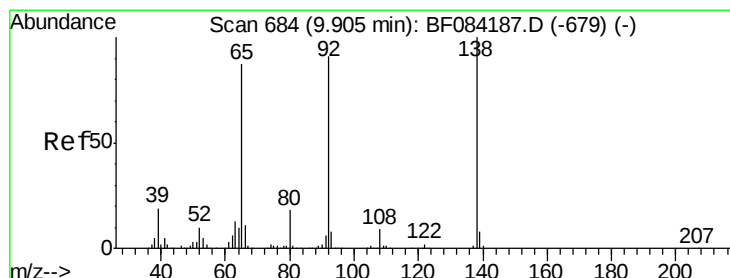
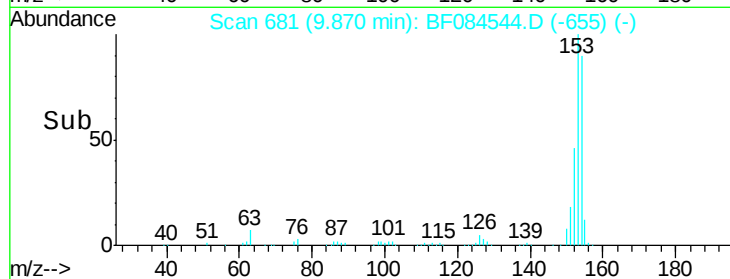
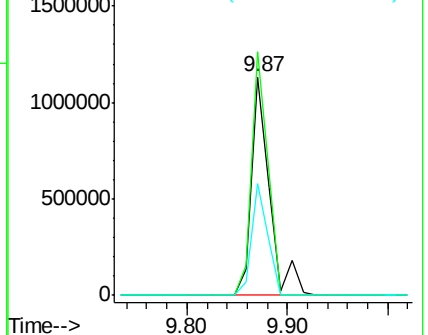
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.45 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

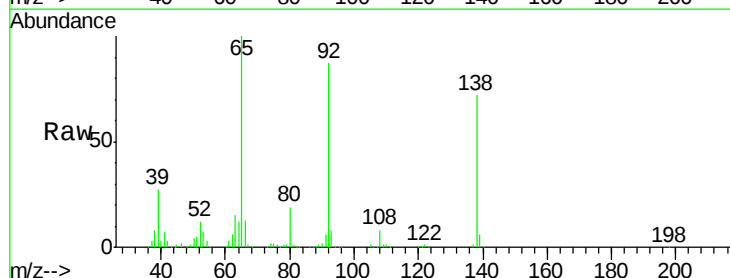
Tgt Ion:138 Resp: 441067

Ion Ratio Lower Upper

138 100

108 11.4 10.5 15.7

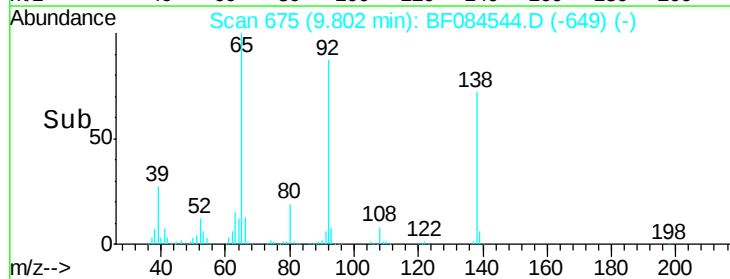
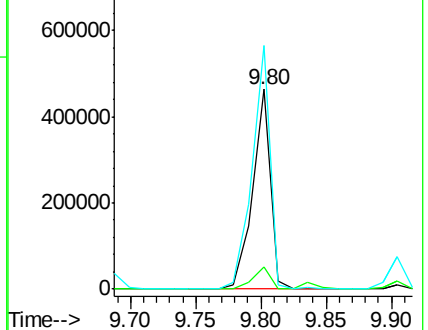
92 121.8 103.9 155.9

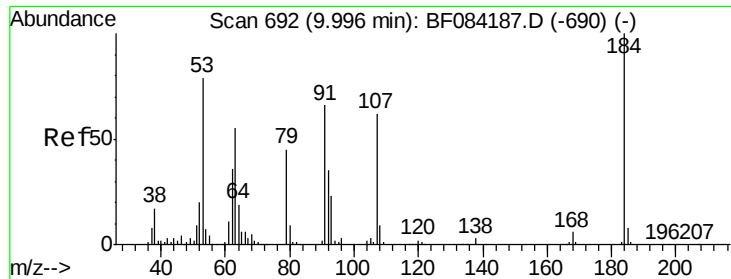


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





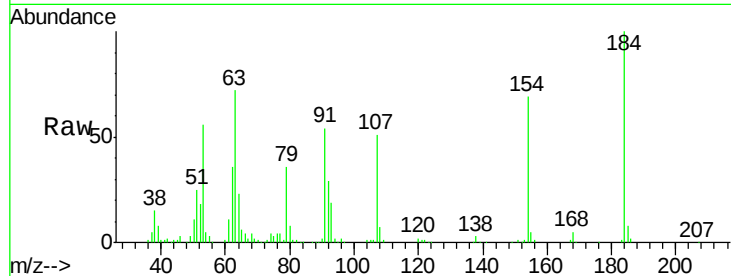
#53
2,4-Dinitrophenol
Concen: 62.33 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

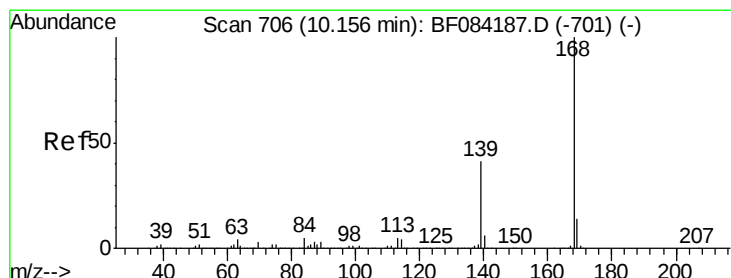
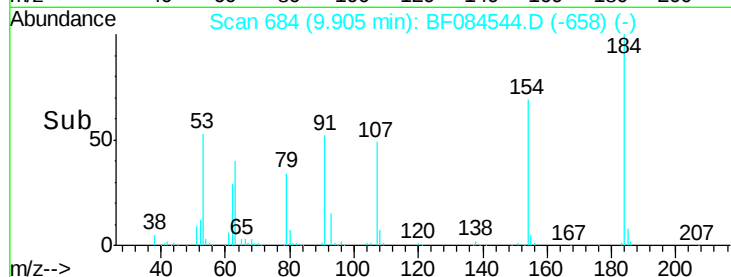
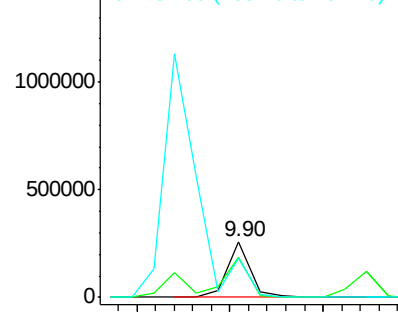
Tot Ion	Ratio	Lower	Upper
184	100		
63	71.7	43.1	64.7#
154	69.0	60.5	90.7

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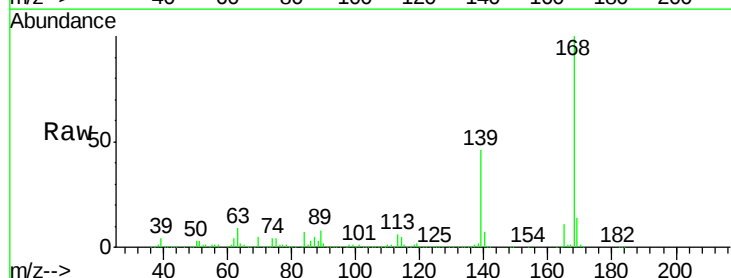


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

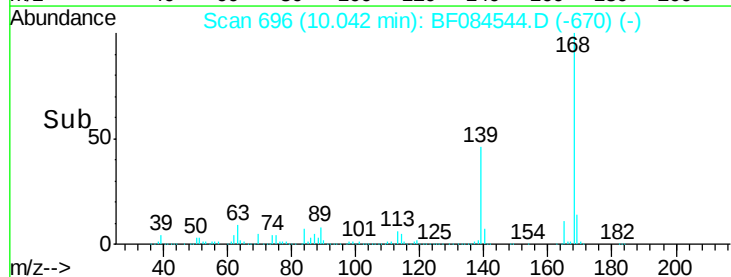
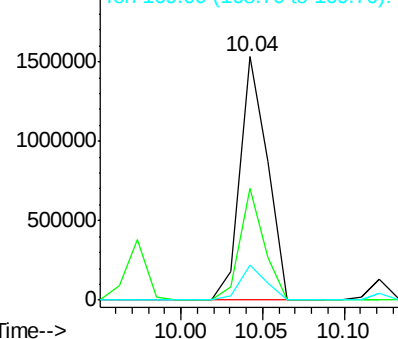


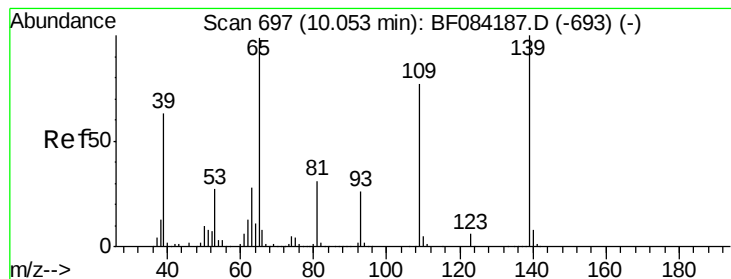
#54
Dibenzofuran
Concen: 40.15 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.7	30.5	45.7#
169	14.2	10.4	15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 44.43 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

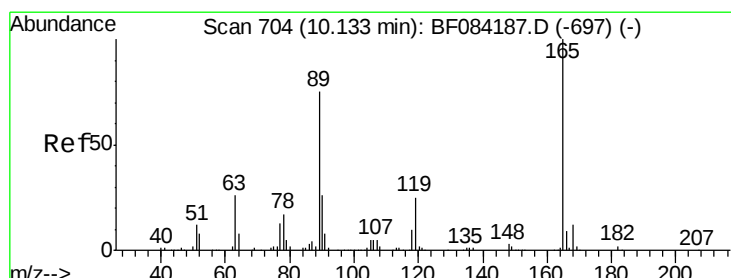
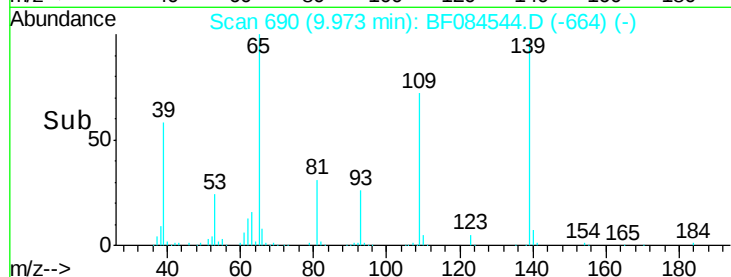
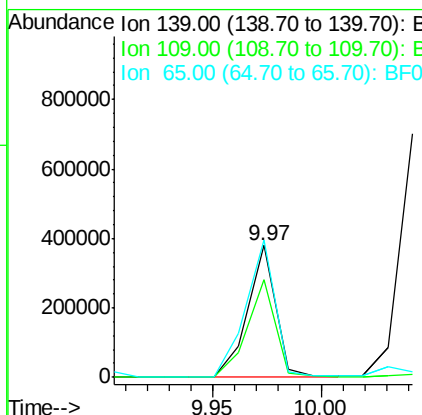
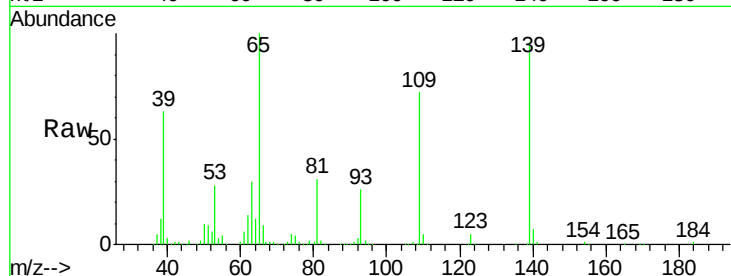
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	343118
Ion Ratio	Lower	Upper	
139	100		
109	74.6	58.5	98.5
65	104.1	57.6	97.6#

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#56

2,4-Dinitrotoluene

Concen: 41.49 ng

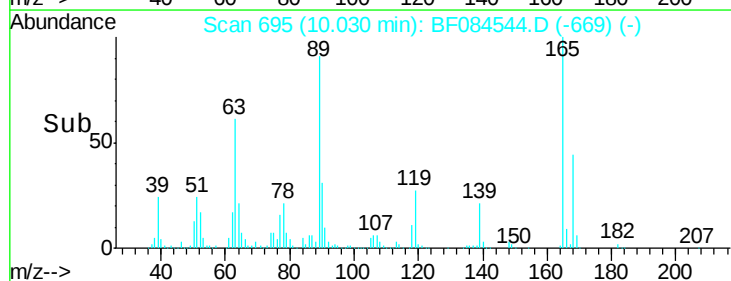
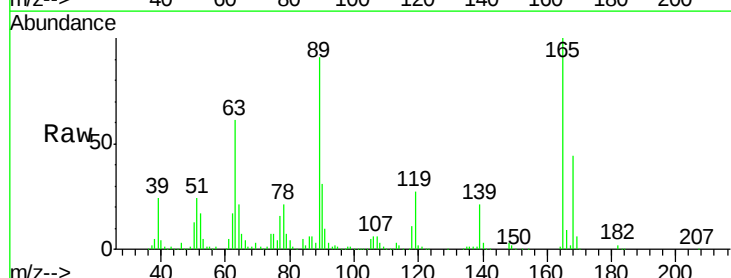
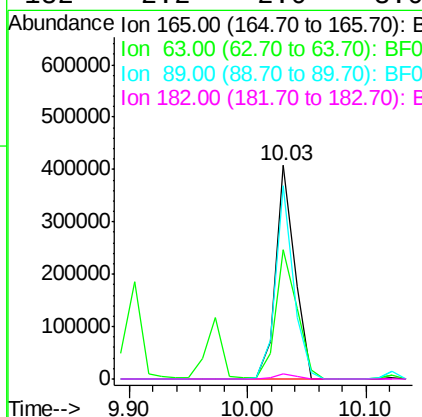
RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Tgt Ion:	165	Resp:	450864
Ion Ratio	Lower	Upper	
165	100		
63	60.8	36.7	55.1#
89	90.5	61.9	92.9
182	2.2	2.0	3.0





#57

Fluorene

Concen: 37.74 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1293457

Ion Ratio Lower Upper

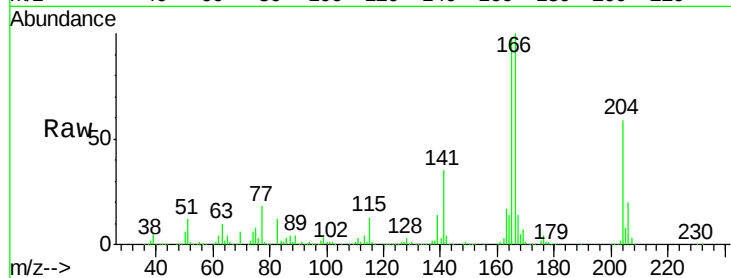
166 100

165 97.9 79.1 118.7

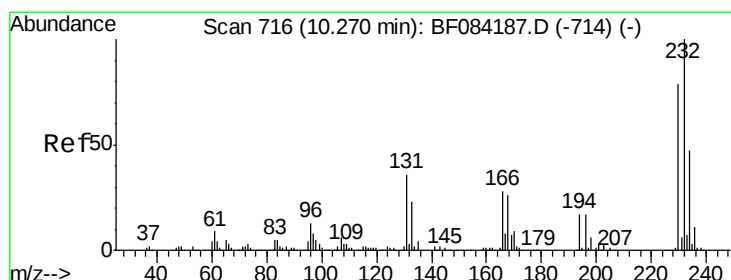
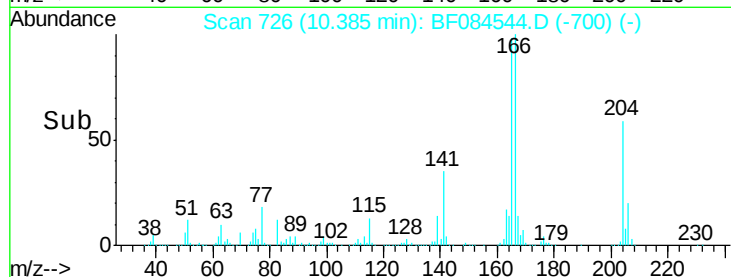
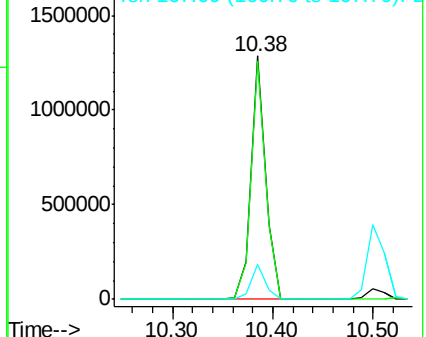
167 14.4 10.4 15.6

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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: 43.25 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Tgt Ion:232 Resp: 416911

Ion Ratio Lower Upper

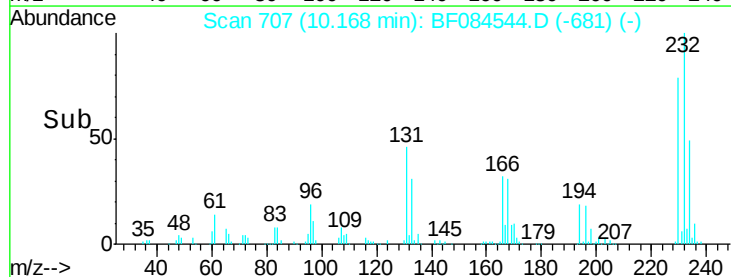
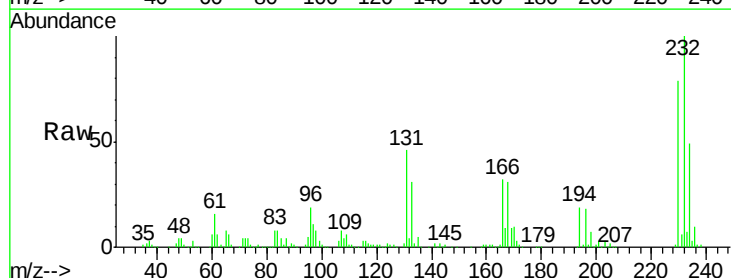
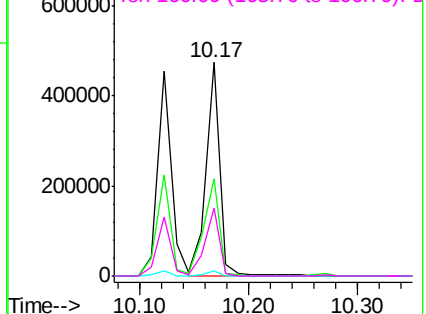
232 100

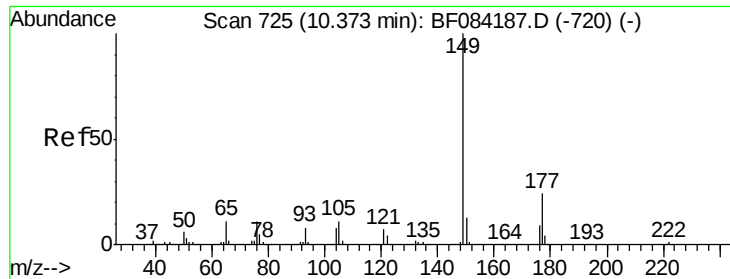
131 50.8 47.0 70.6

130 2.6 2.0 3.0

166 33.4 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





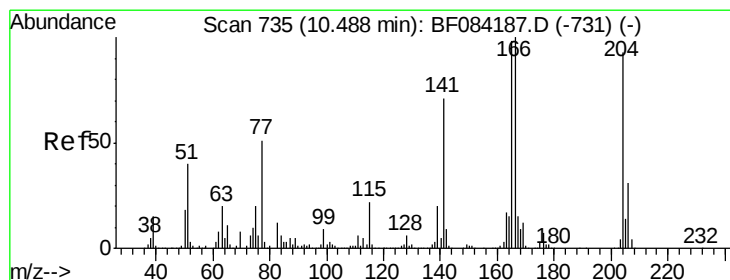
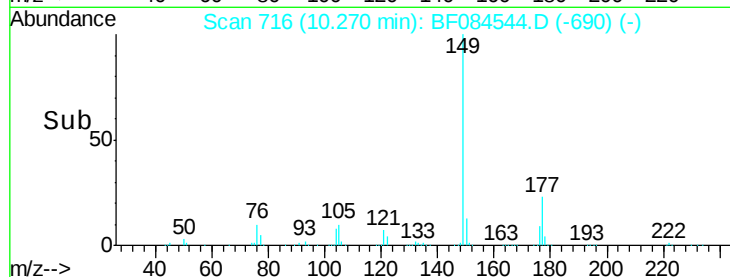
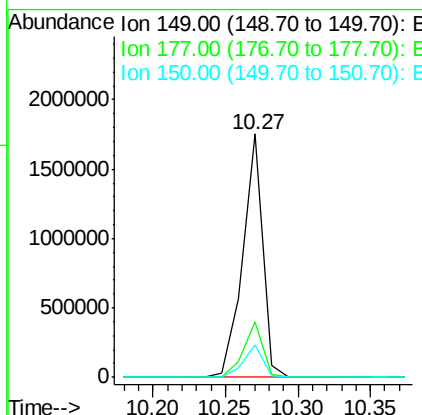
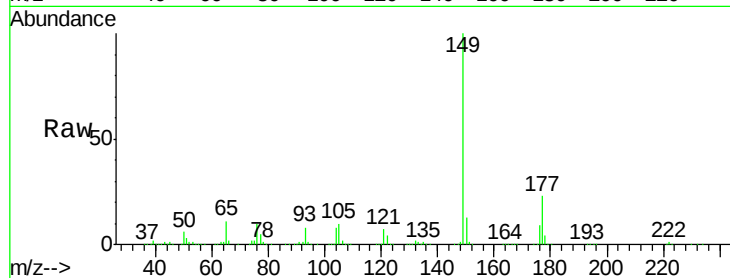
#59
Diethylphthalate
Concen: 43.33 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1672528
Ion Ratio Lower Upper
149 100
177 22.9 17.3 25.9
150 13.3 9.8 14.8

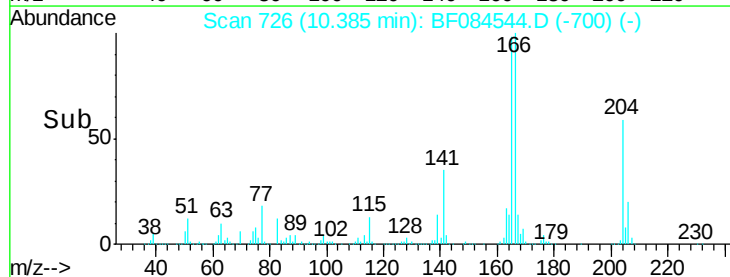
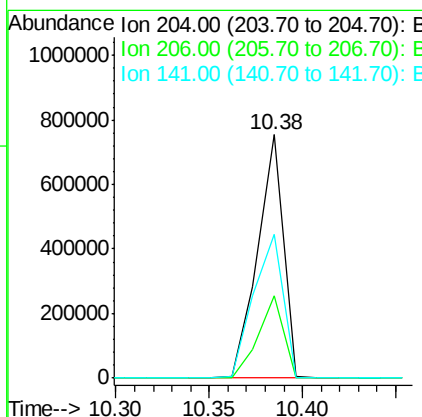
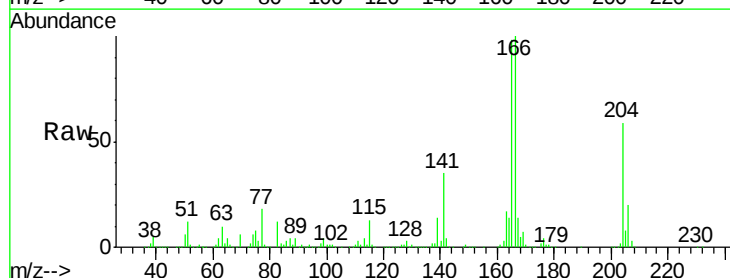
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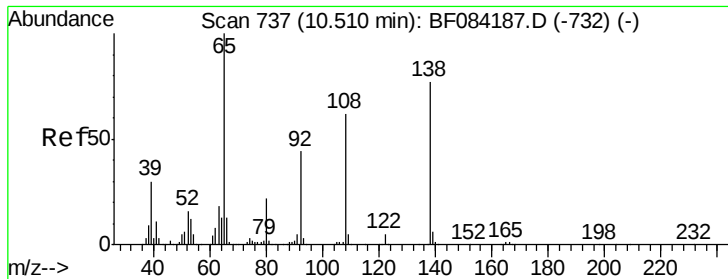
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 51.16 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion:204 Resp: 716886
Ion Ratio Lower Upper
204 100
206 33.6 25.7 38.5
141 59.1 55.1 82.7





#61

4-Nitroaniline

Concen: 47.21 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

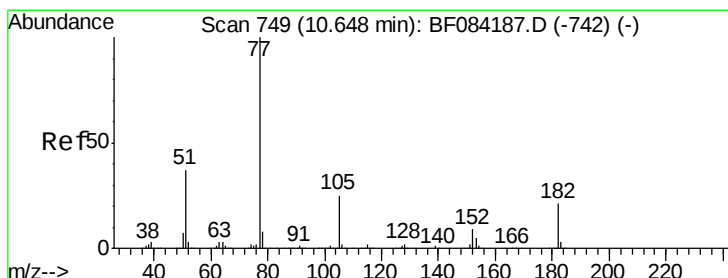
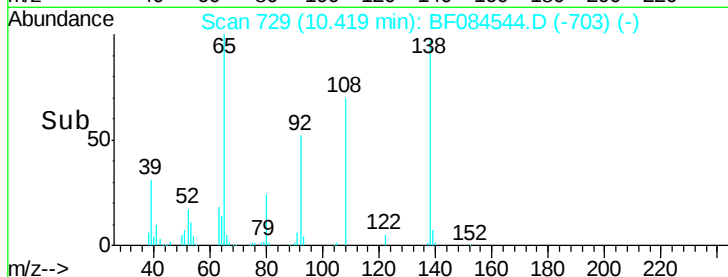
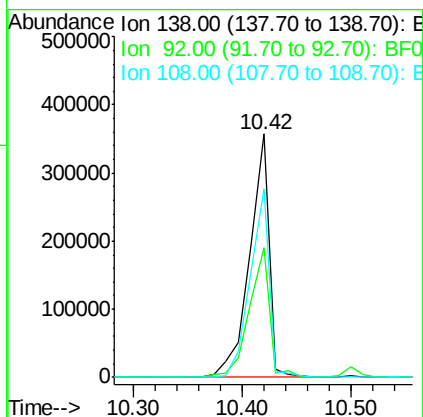
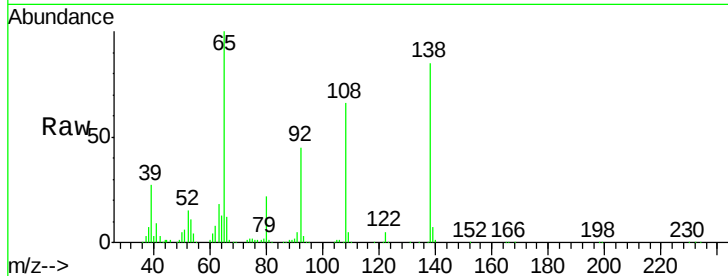
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	447774
Ion Ratio	Lower	Upper	
138	100		
92	53.2	32.6	72.6
108	77.5	68.6	108.6

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#62

Azobenzene

Concen: 42.59 ng

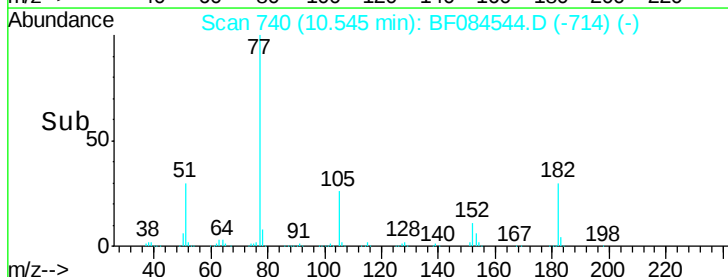
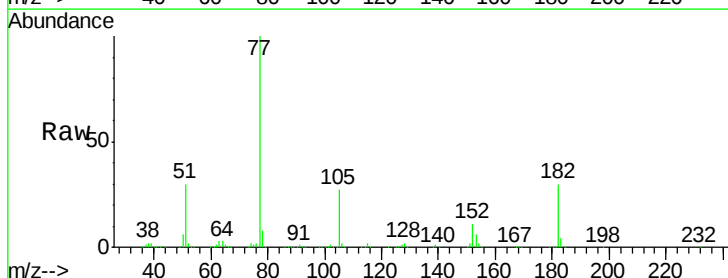
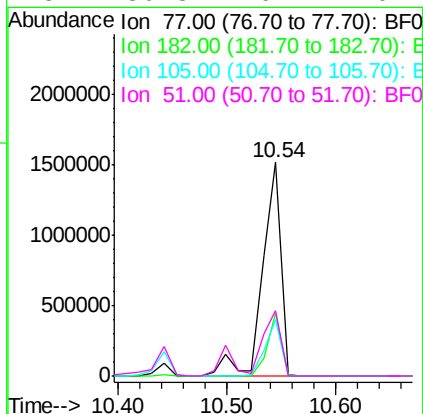
RT: 10.54 min Scan# 740

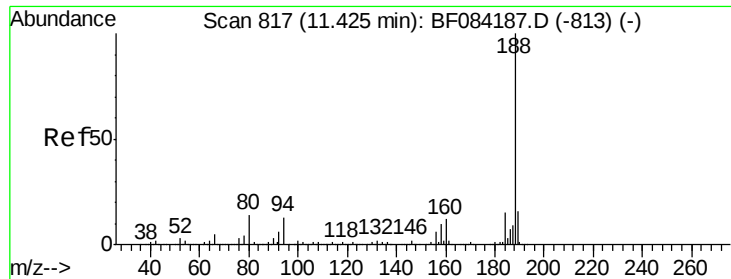
Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Tgt Ion:	77	Resp:	1803147
Ion Ratio	Lower	Upper	
77	100		
182	29.6	8.3	48.3
105	26.7	4.6	44.6
51	30.3	6.2	46.2





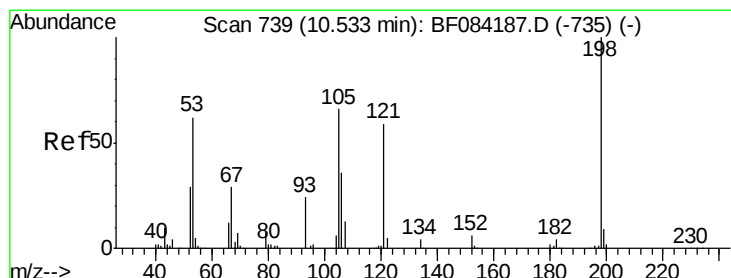
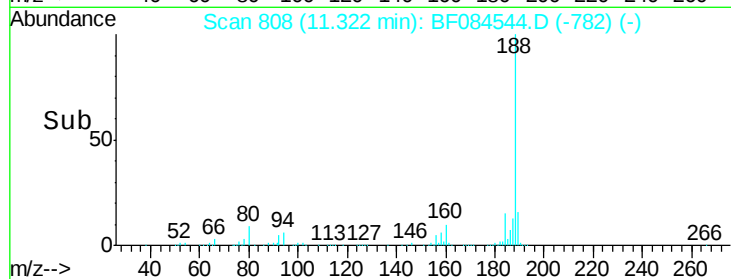
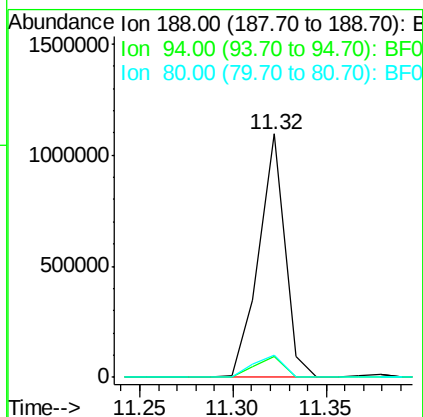
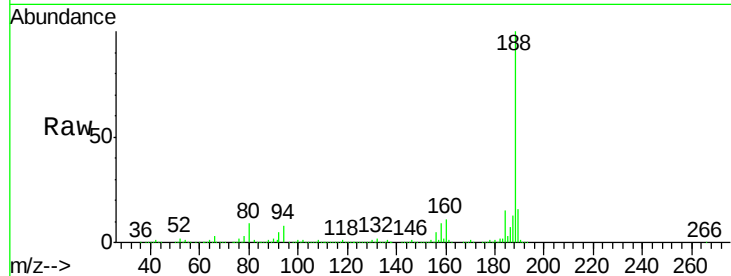
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	9.1	9.6	14.4#

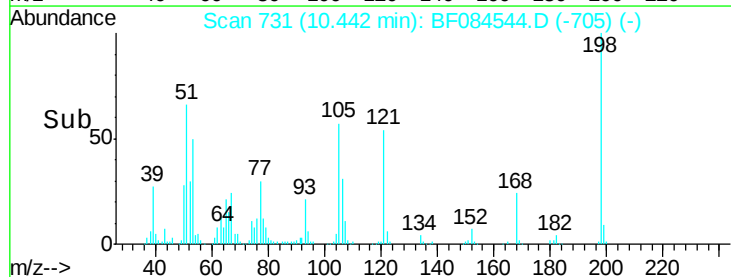
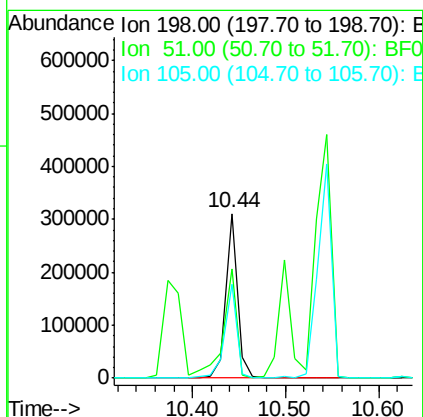
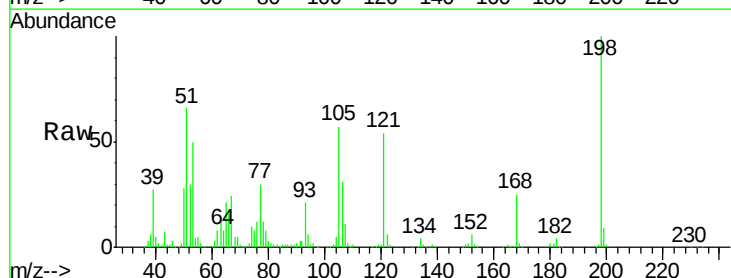
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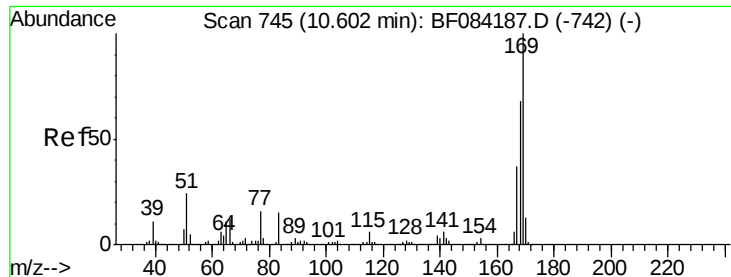
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.07 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Lower	Upper
198	100		
51	66.1	18.9	58.9#
105	56.7	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 37.36 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1266919

Ion Ratio Lower Upper

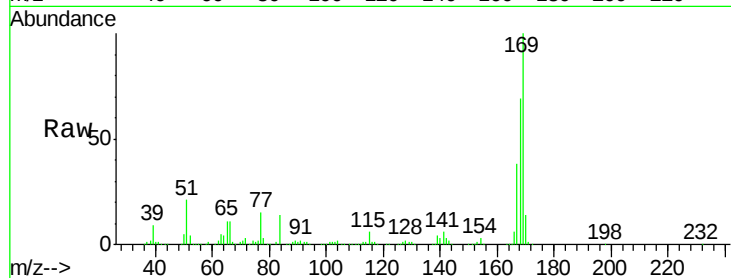
169 100

168 68.6 55.1 82.7

167 37.8 30.0 45.0

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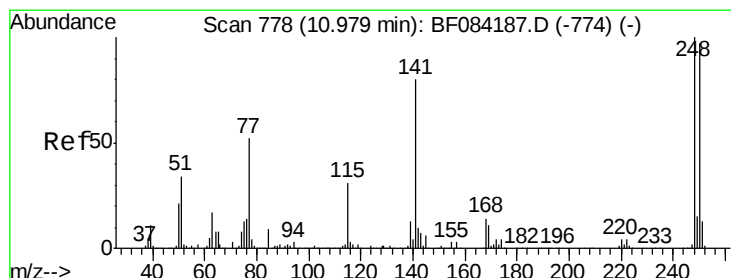
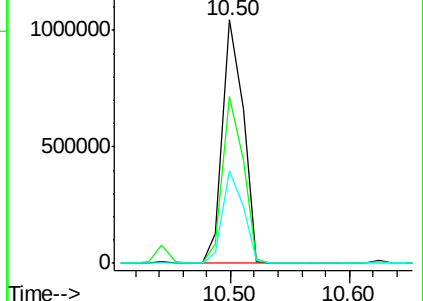
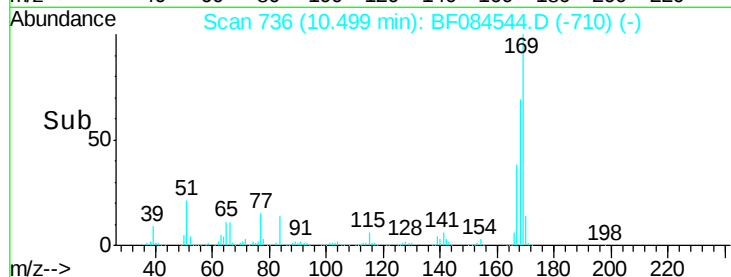
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.10 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

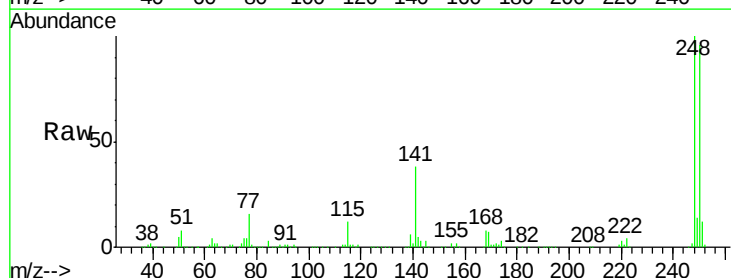
Tgt Ion:248 Resp: 457808

Ion Ratio Lower Upper

248 100

250 96.5 78.4 117.6

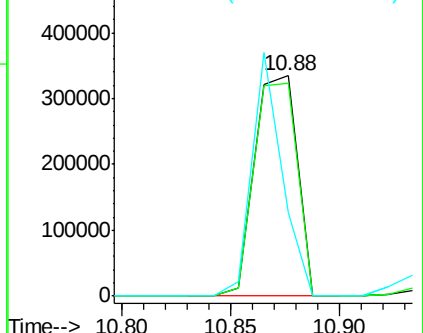
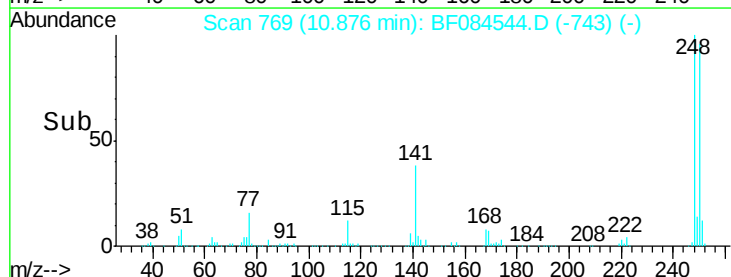
141 38.1 44.0 66.0#

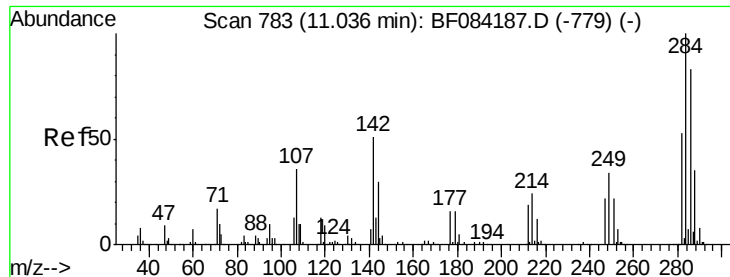


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





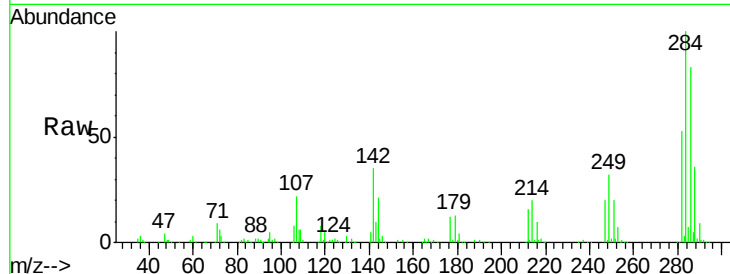
#67
Hexachlorobenzene
Concen: 38.29 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

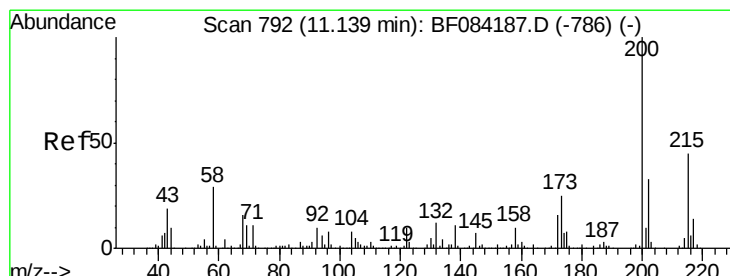
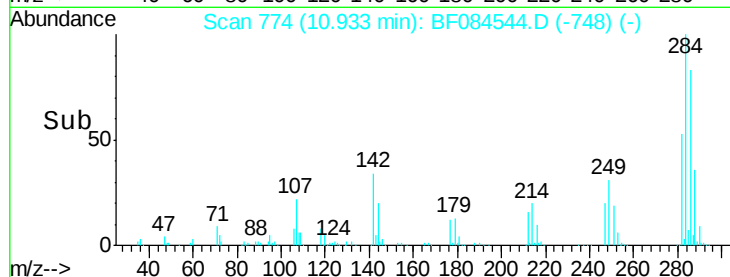
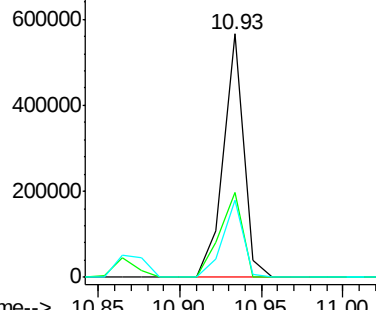
Tot Ion	Ratio	Resp	Lower	Upper
284	100	492015		
142	34.9	22.2	33.4#	
249	31.9	24.6	37.0	

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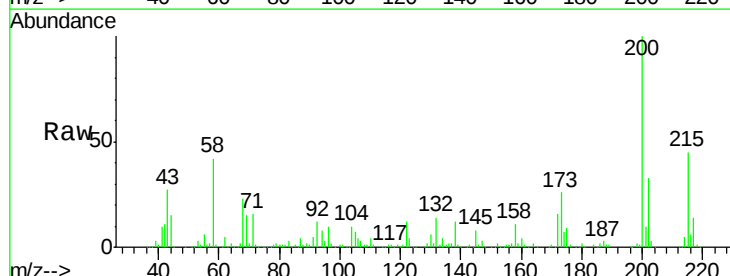


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

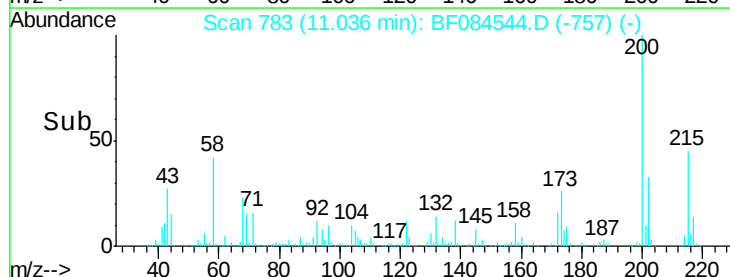
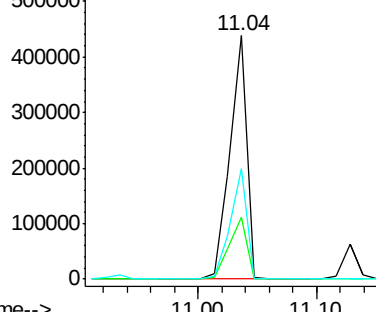


#68
Atrazine
Concen: 39.48 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	438181		
173	25.6	9.5	49.5	
215	45.2	23.8	63.8	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





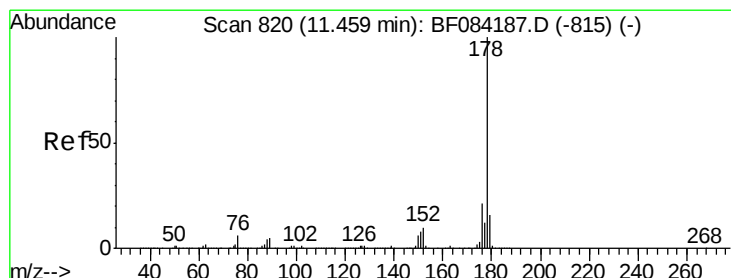
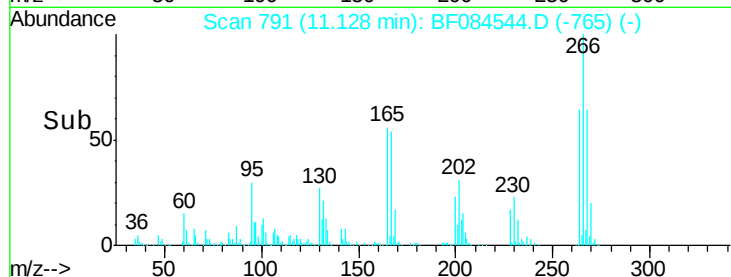
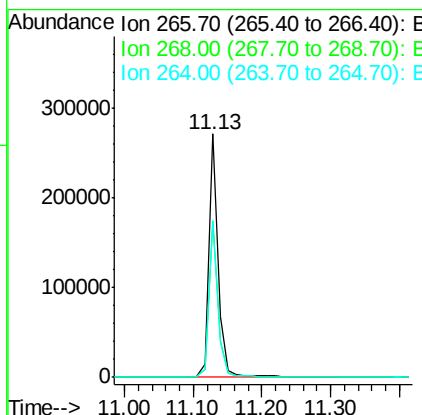
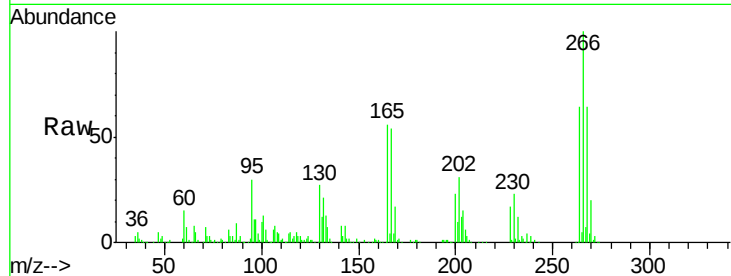
#69
 Pentachlorophenol
 Concen: 39.11 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	260563		
268	64.3	52.4	78.6	
264	64.4	50.2	75.2	

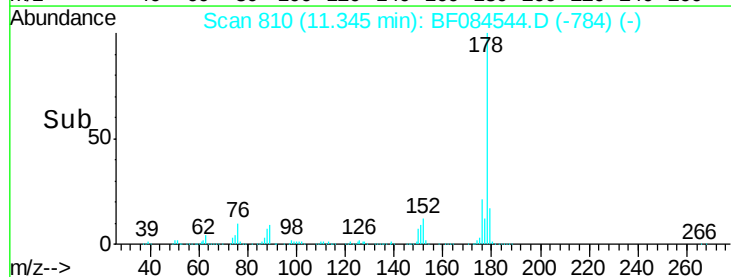
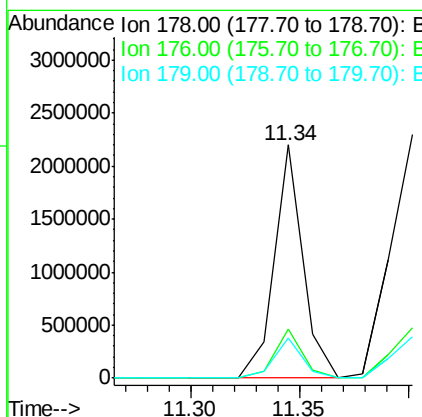
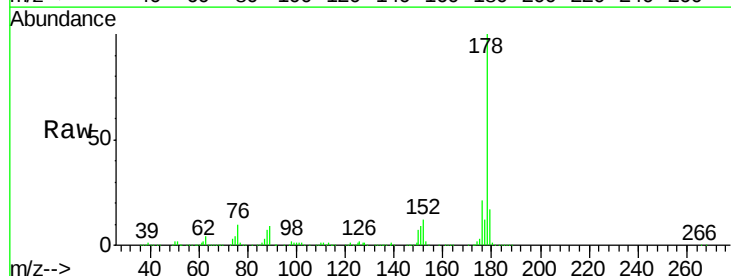
Manual Integrations
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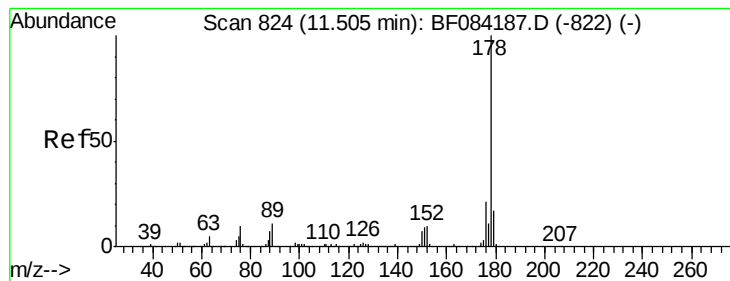
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#70
 Phenanthrene
 Concen: 36.76 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2039482		
176	21.0	15.3	22.9	
179	17.0	12.0	18.0	





#71

Anthracene

Concen: 44.00 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2392994

Ion Ratio Lower Upper

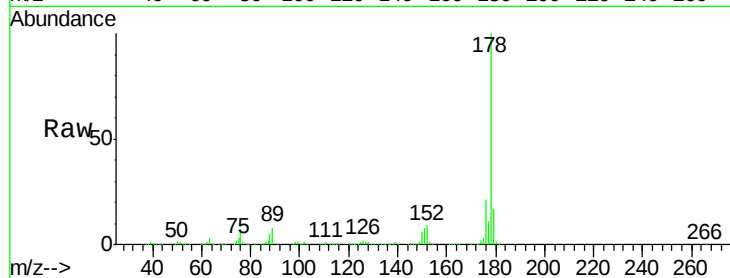
178 100

176 20.6 15.4 23.0

179 16.8 12.5 18.7

Manual Integrations
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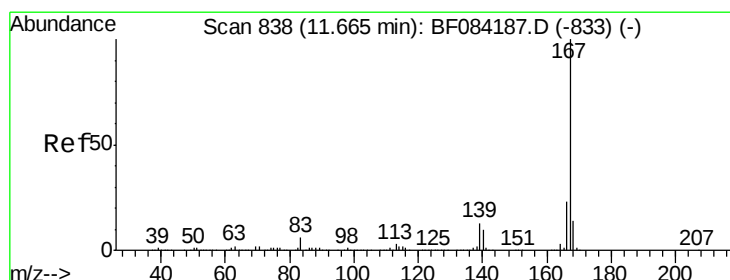
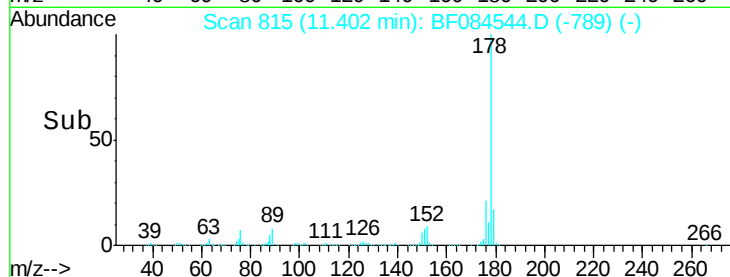
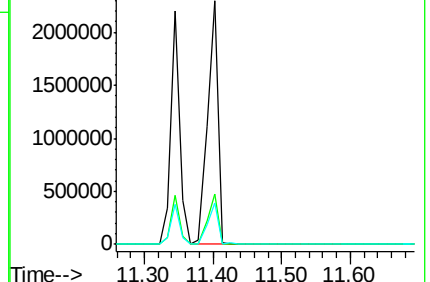
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.57 ng

RT: 11.55 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

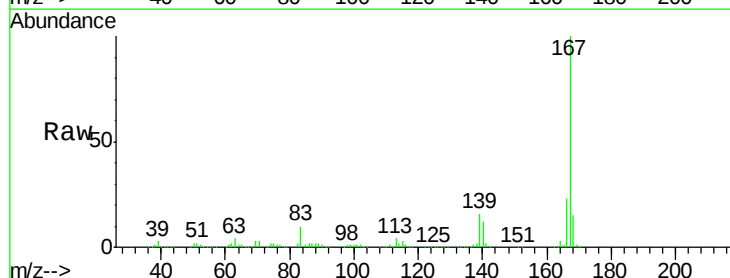
Tgt Ion:167 Resp: 2104096

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

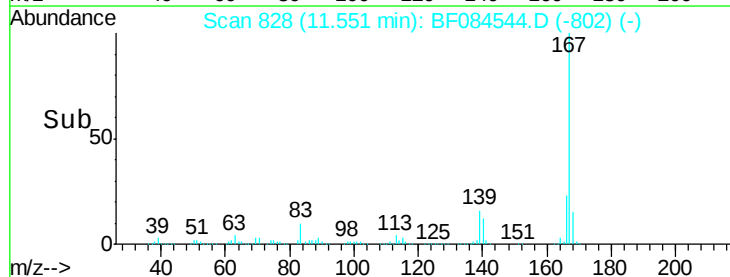
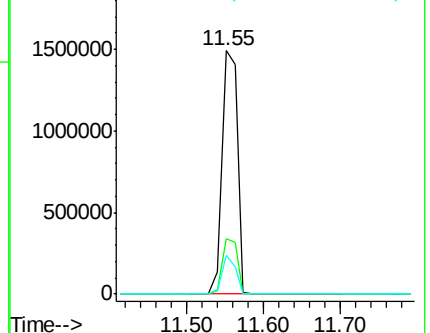
139 15.8 11.8 17.8

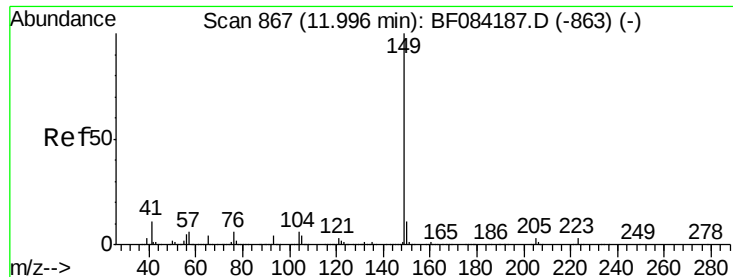


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.76 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2574792

Ion Ratio Lower Upper

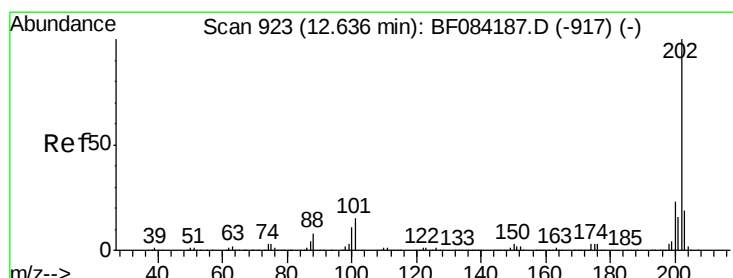
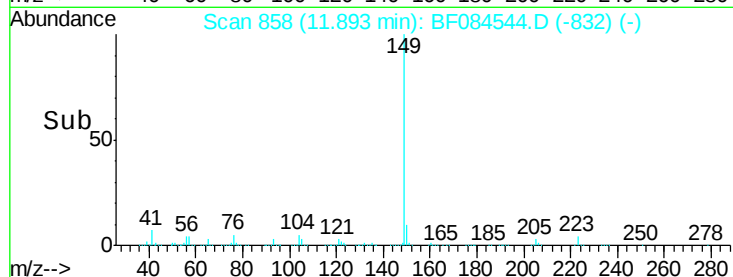
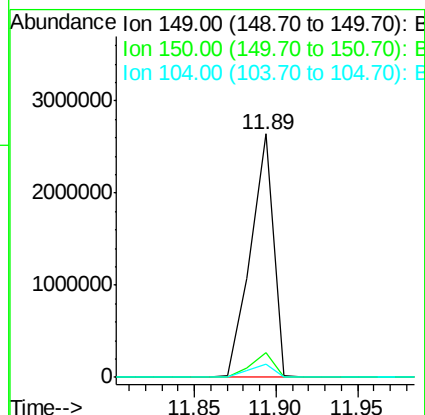
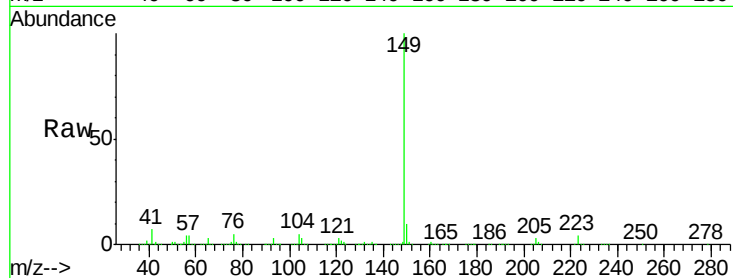
149 100

150 10.4 7.1 10.7

104 5.3 3.2 4.8#

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#74

Fluoranthene

Concen: 40.54 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

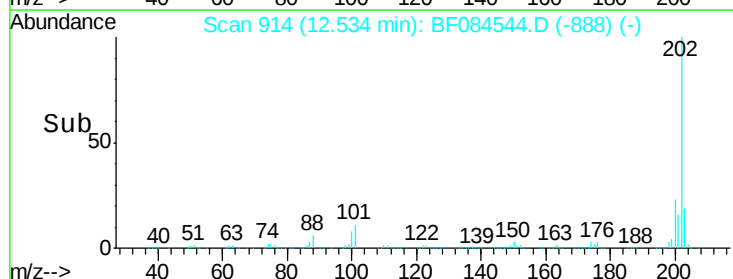
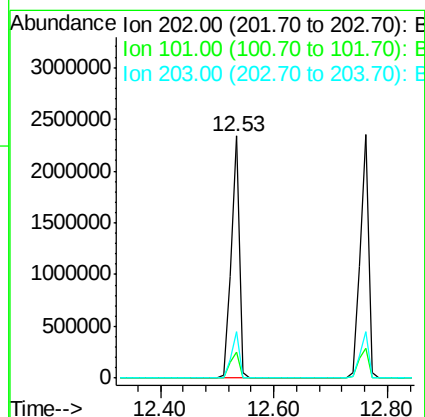
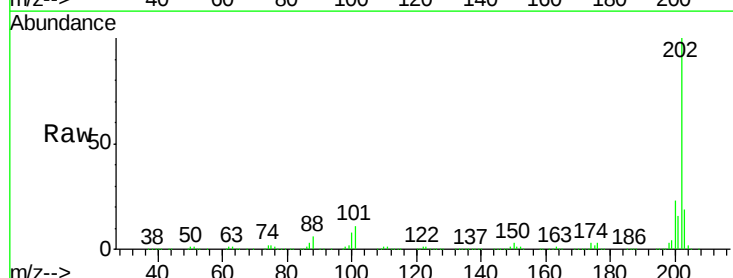
Tgt Ion:202 Resp: 2349961

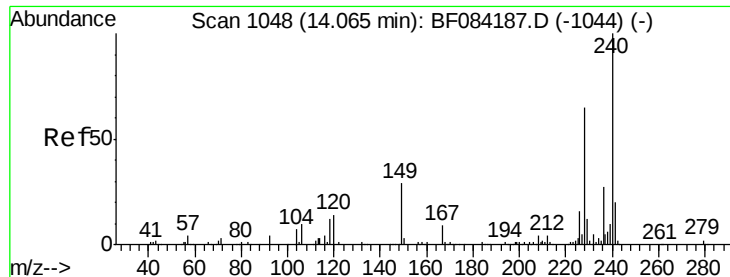
Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.8

203 19.2 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

Instrument :

BNA_F

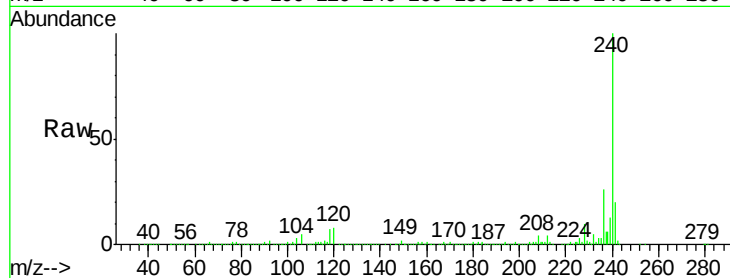
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	9.5	14.3#
236	26.4	20.6	31.0

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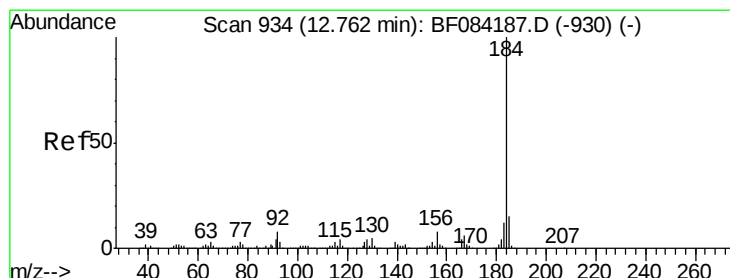
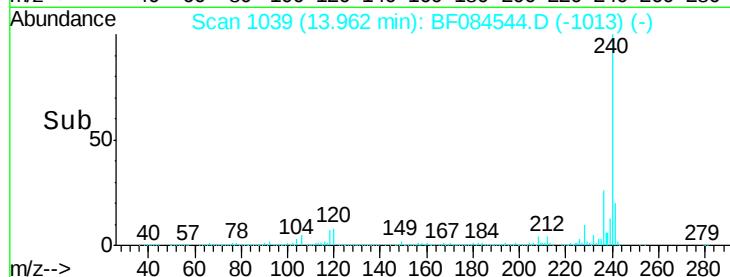
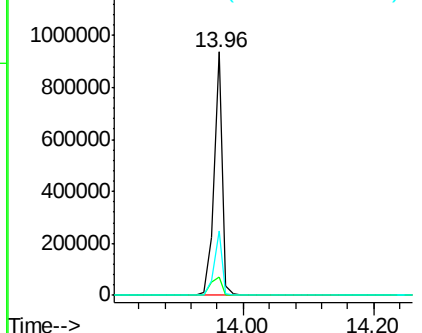
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.91 ng

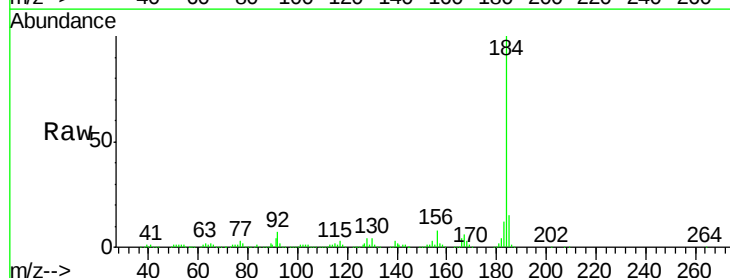
RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF084544.D

Acq: 19 Jan 2016 9:30

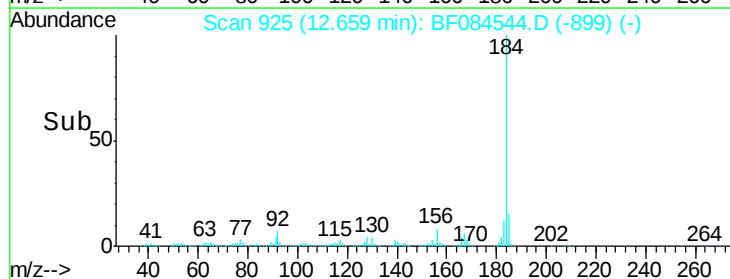
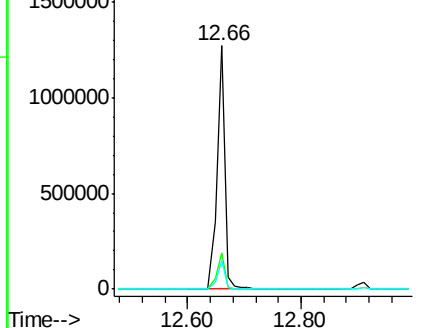
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.2
183	11.7	9.8	14.8

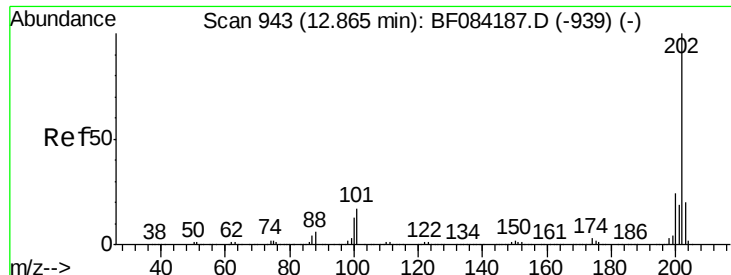


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





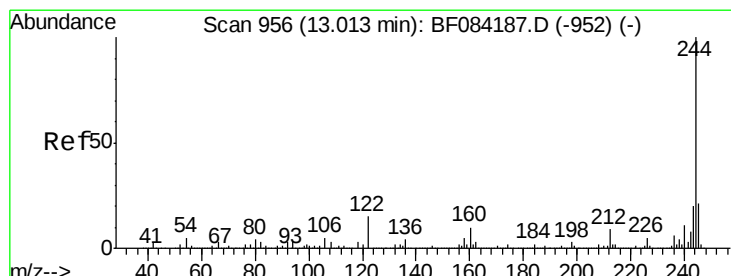
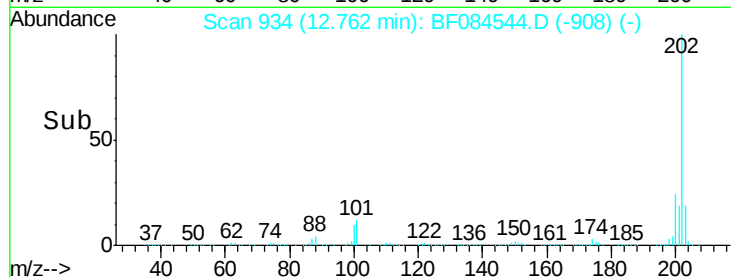
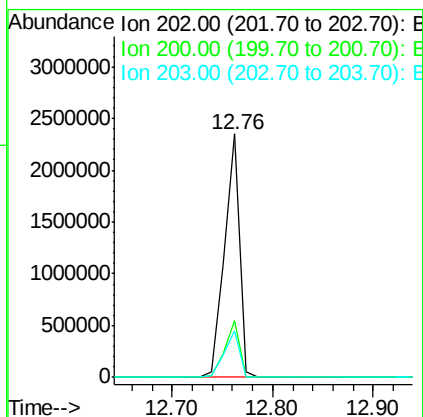
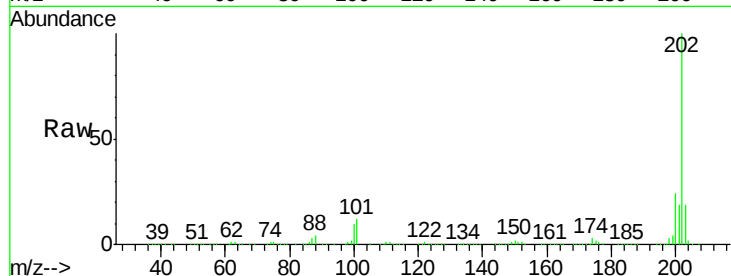
#77
Pvrene
Concen: 36.96 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.2	25.8
203	19.2	14.3	21.5

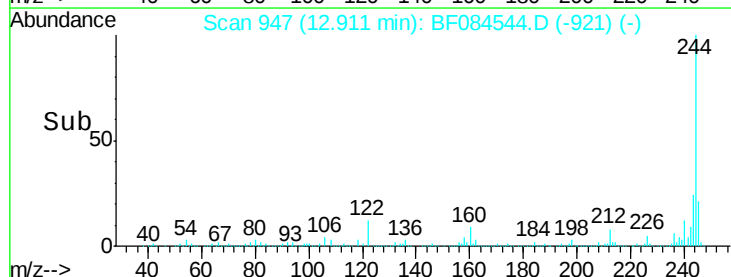
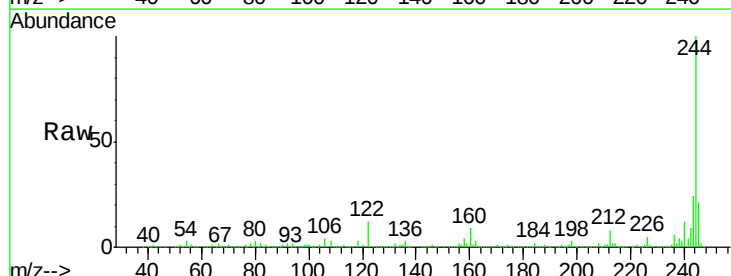
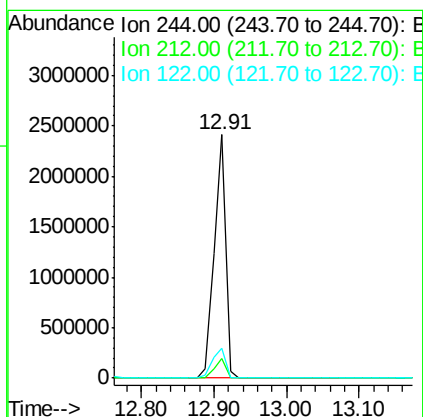
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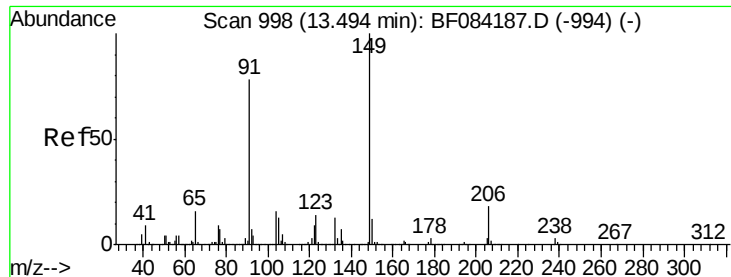
mohammad
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#78
Terphenyl-d14
Concen: 69.77 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	12.3	7.4	11.0





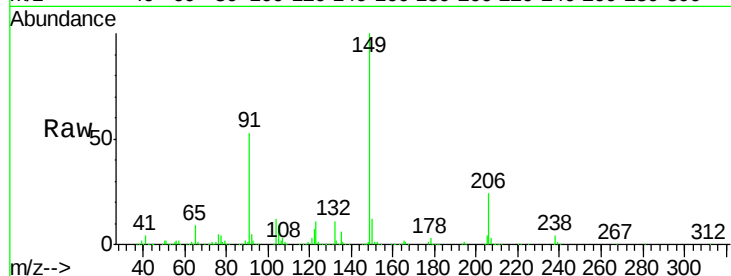
#79
Butylbenzylphthalate
Concen: 37.48 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

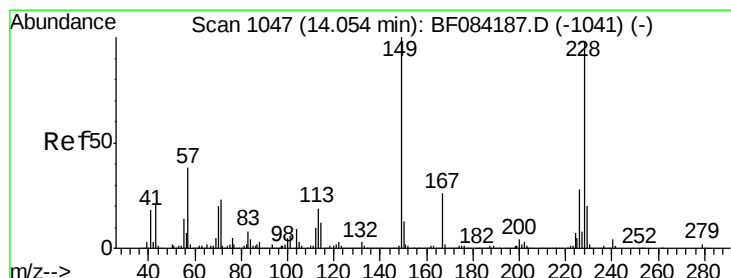
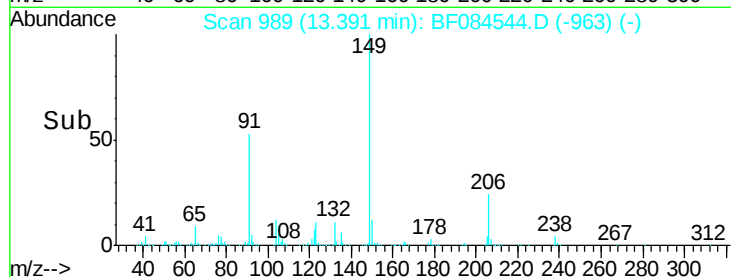
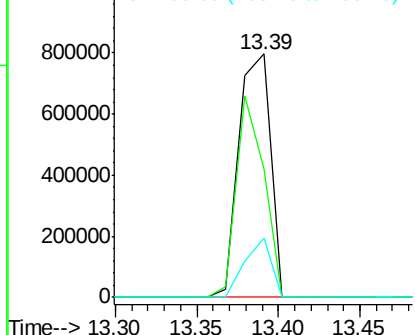
Tot Ion:149 Resp: 1065423
Ion Ratio Lower Upper
149 100
91 52.9 57.6 86.4#
206 24.2 13.2 19.8#

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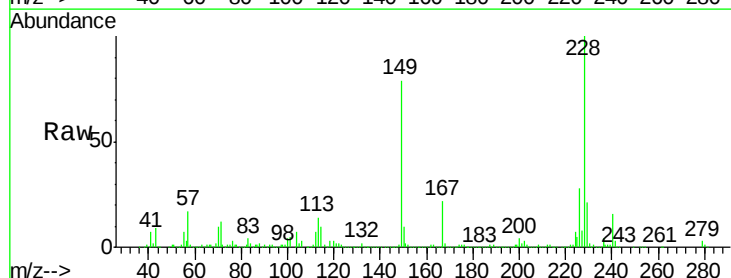


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

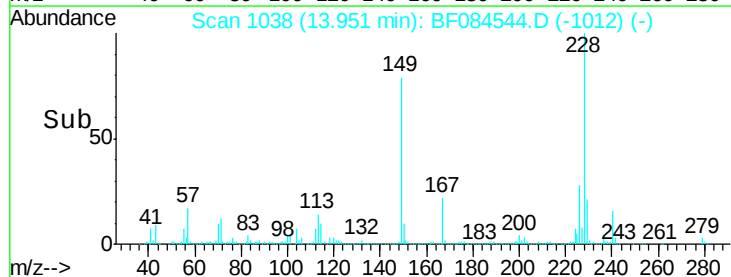
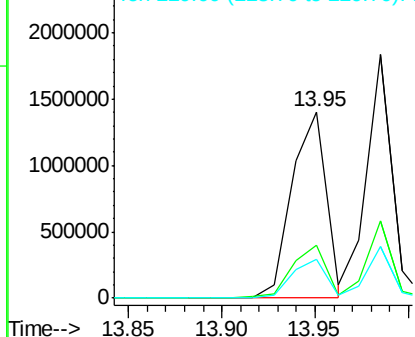


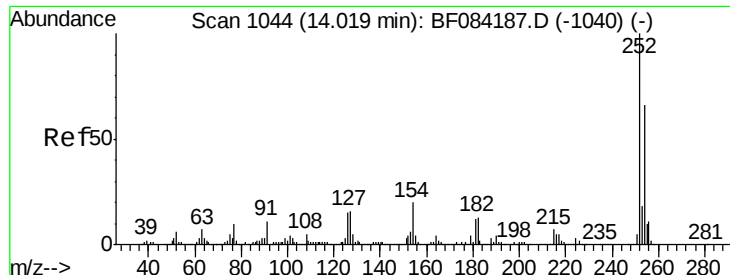
#80
Benzo(a)anthracene
Concen: 36.79 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion:228 Resp: 1808353
Ion Ratio Lower Upper
228 100
226 28.3 21.8 32.6
229 20.7 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





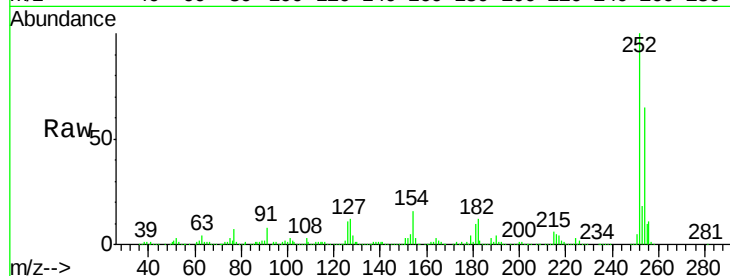
#81
 3,3'-Dichlorobenzidine
 Concen: 44.64 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

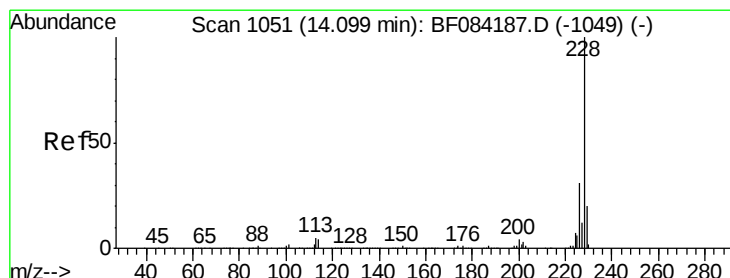
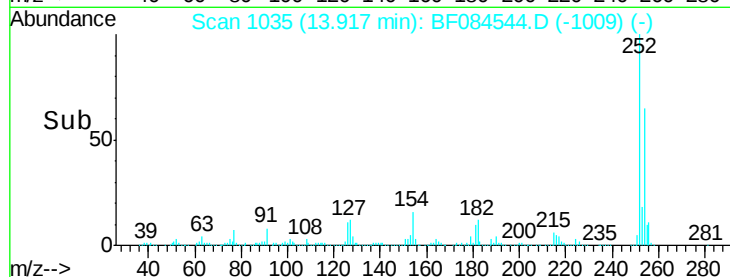
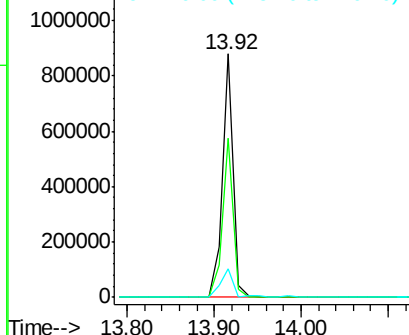
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	53.5	80.3
126	11.5	4.9	7.3#

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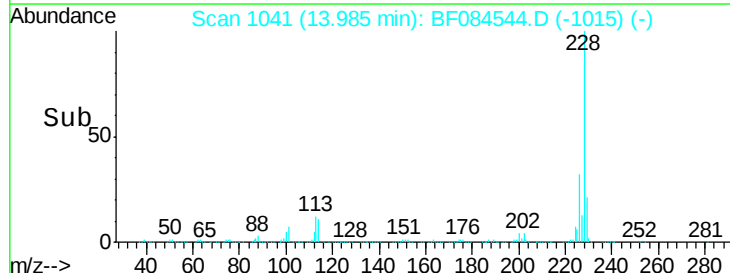
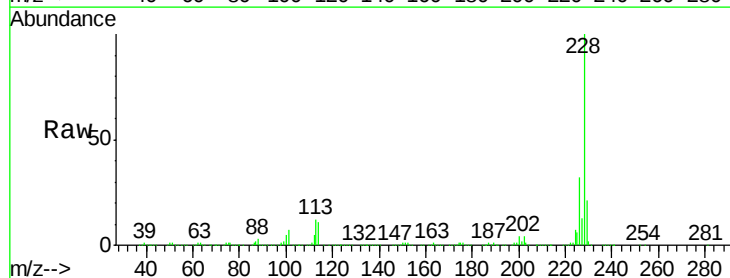
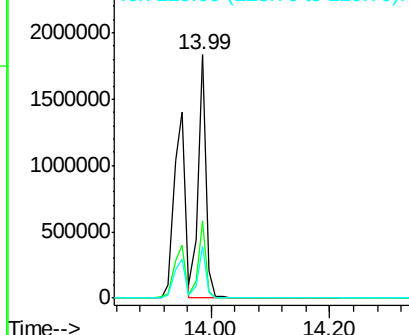
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 36.70 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	24.3	36.5
229	21.1	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





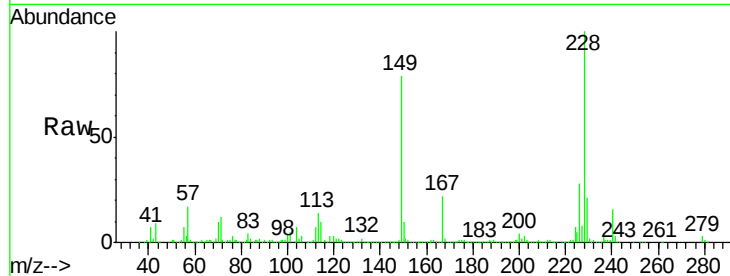
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.37 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

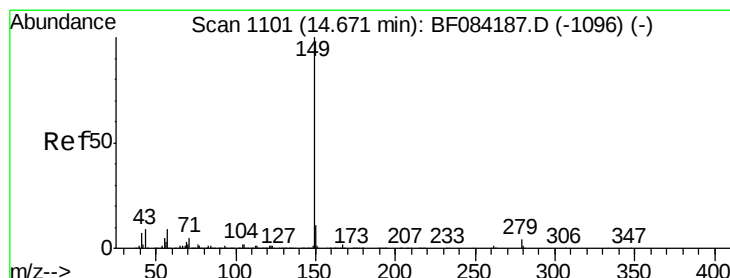
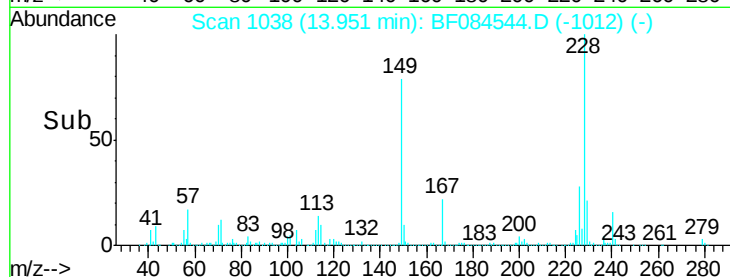
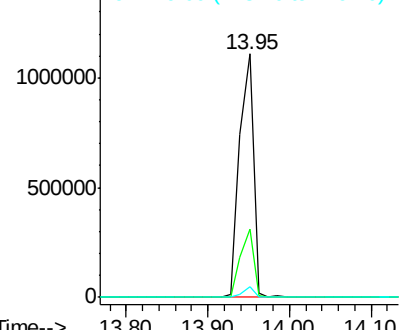
Tot Ion:149 Resp: 1305972
 Ion Ratio Lower Upper
 149 100
 167 28.0 19.7 29.5
 279 4.2 1.8 2.6#

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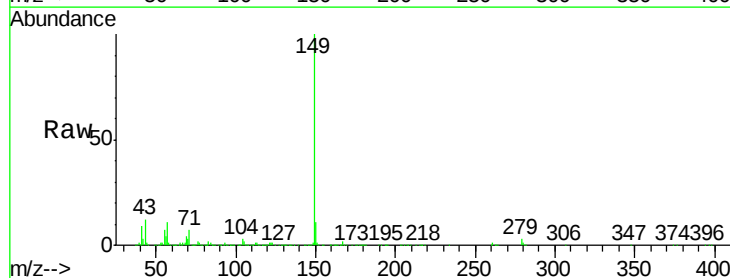


Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

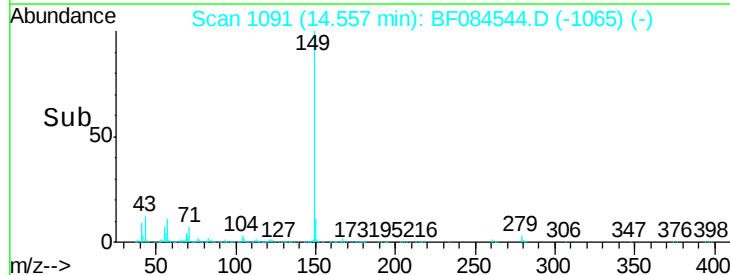
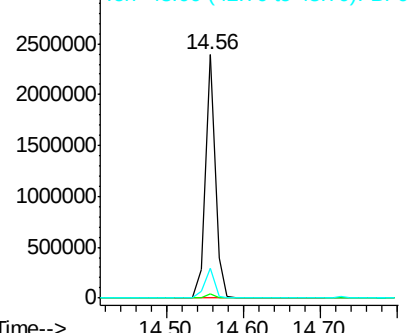


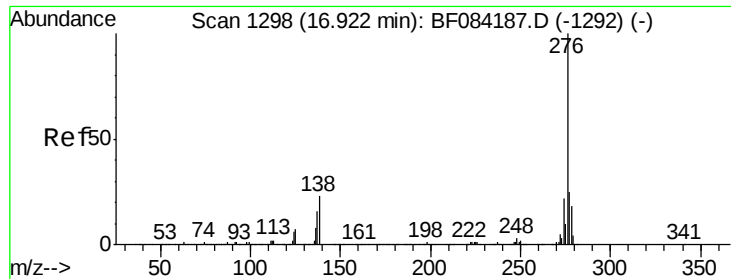
#84
 Di-n-octyl phthalate
 Concen: 35.15 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Tgt Ion:149 Resp: 2131077
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.6 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 3000000 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





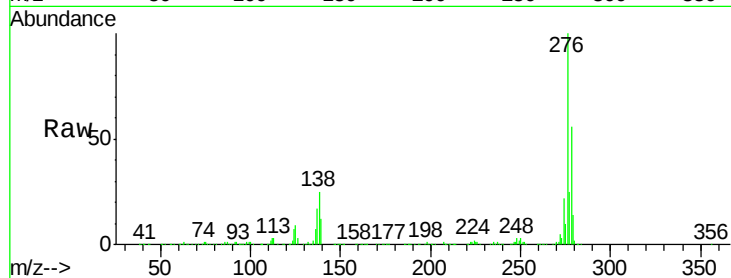
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.64 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

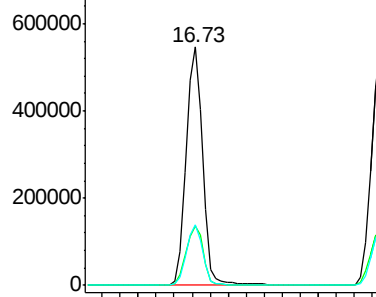
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.6	30.8
277	25.2	20.1	30.1

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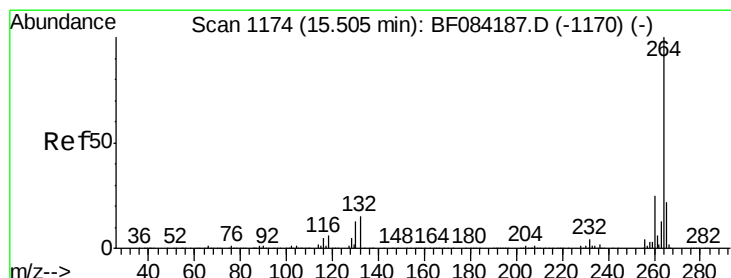
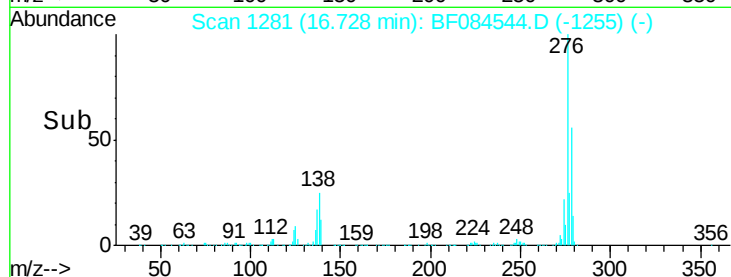
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

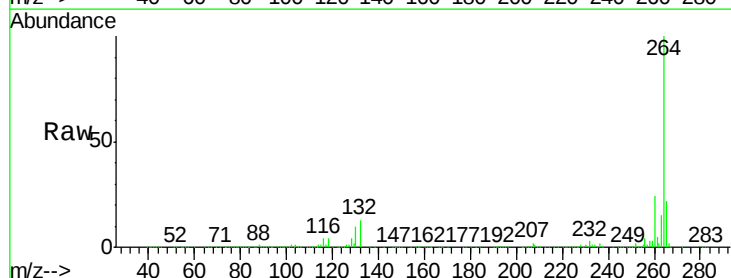


Time-->

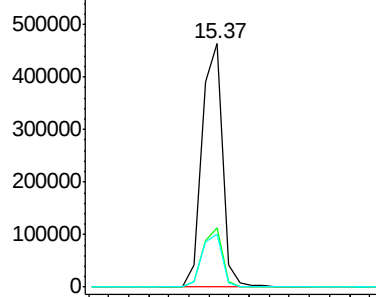


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

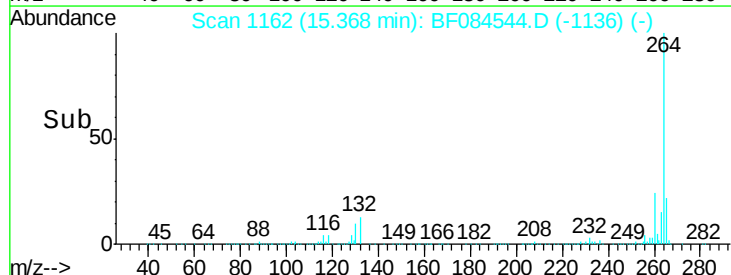
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.0	17.8	26.6

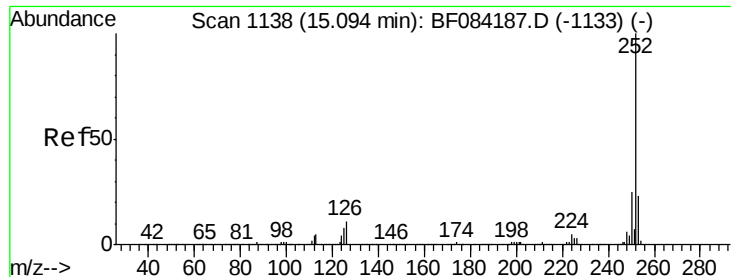


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





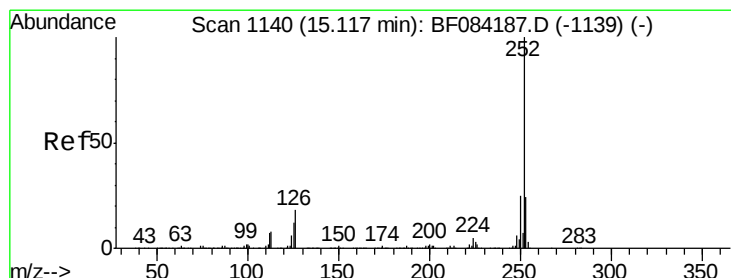
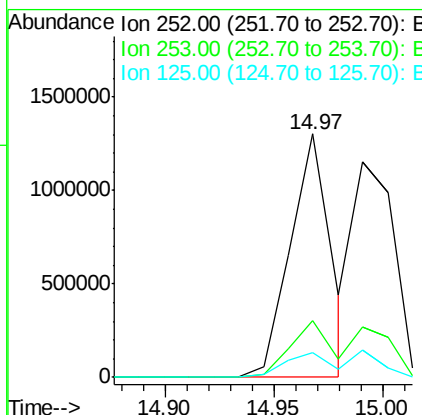
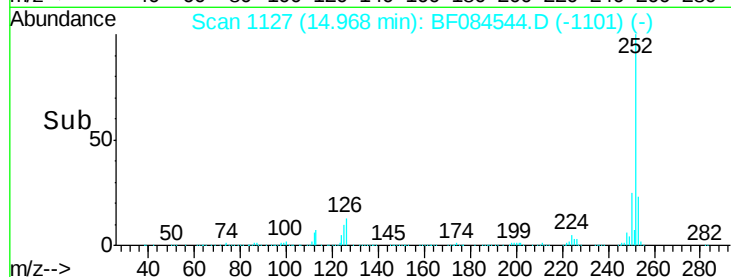
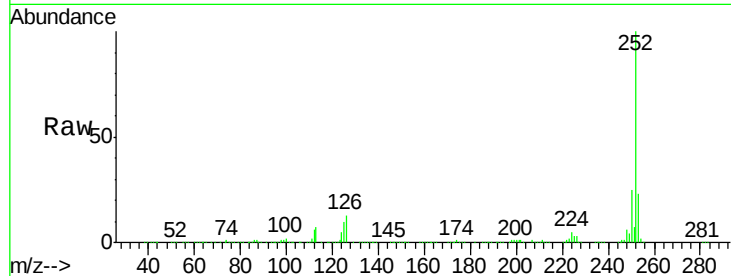
#87
Benzo(b)fluoranthene
Concen: 39.13 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1683063
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 10.2 6.5 9.7#

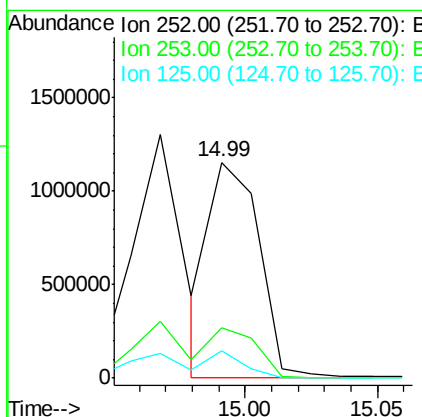
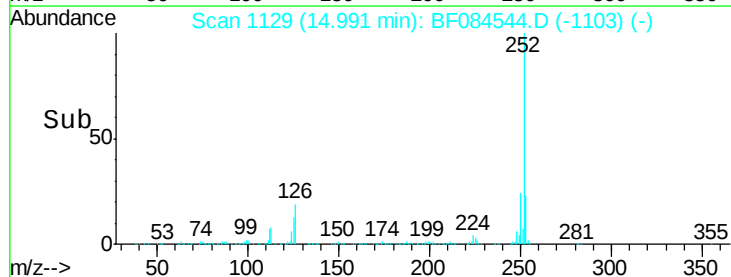
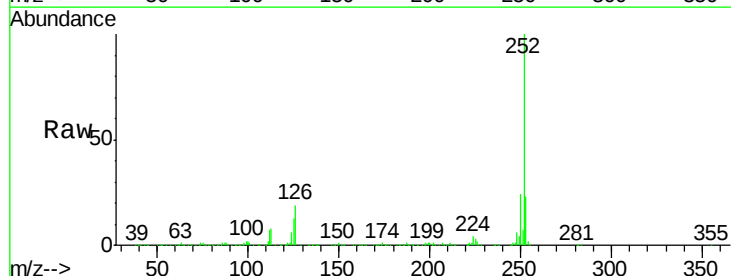
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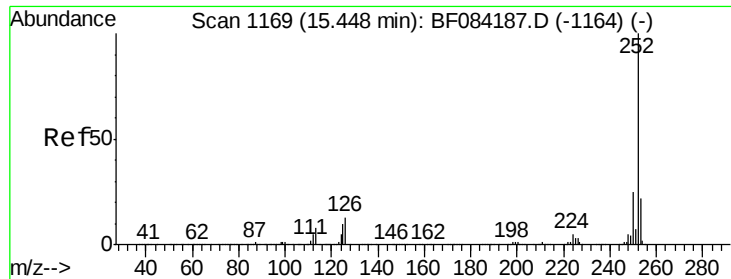
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#88
Benzo(k)fluoranthene
Concen: 43.37 ng m
RT: 14.99 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion:252 Resp: 1525461
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 12.9 9.0 13.6





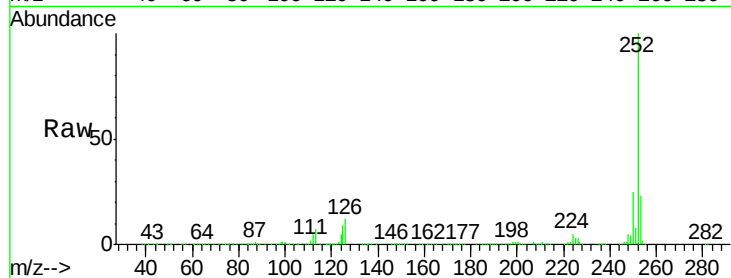
#89
Benzo(a)pyrene
Concen: 41.93 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

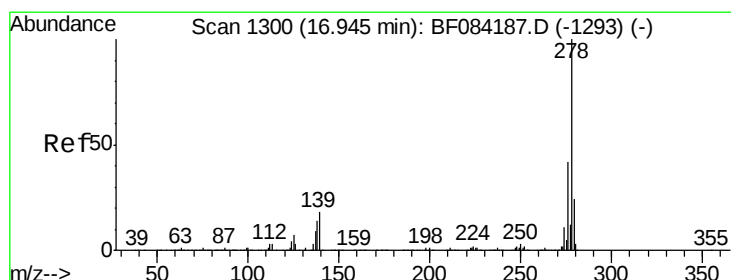
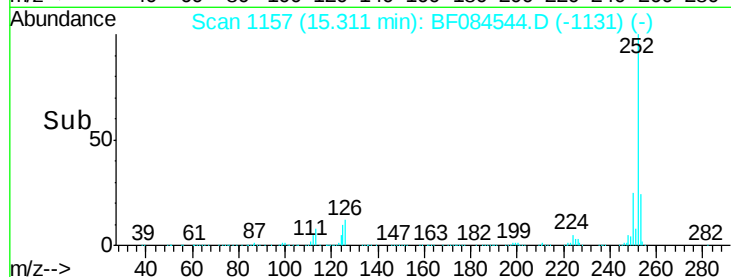
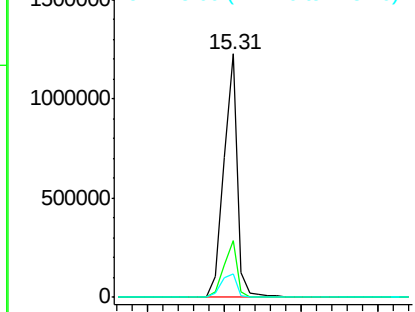
Tot Ion:252 Resp: 1529745
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 9.4 7.0 10.4

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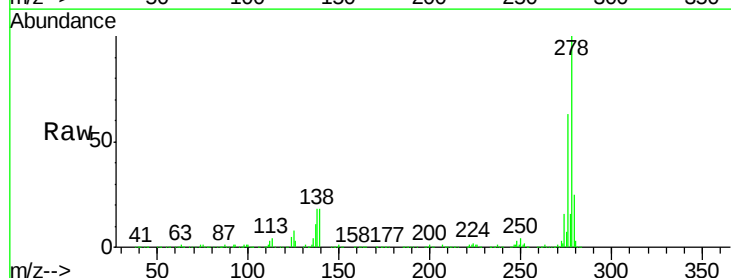


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

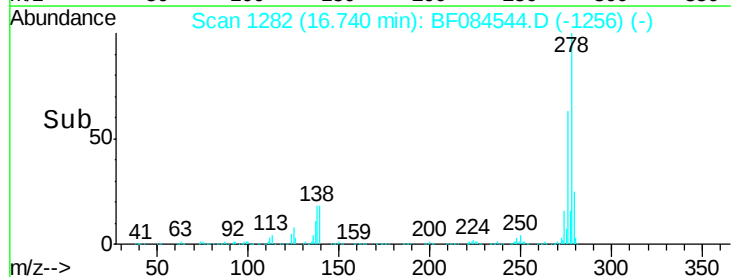
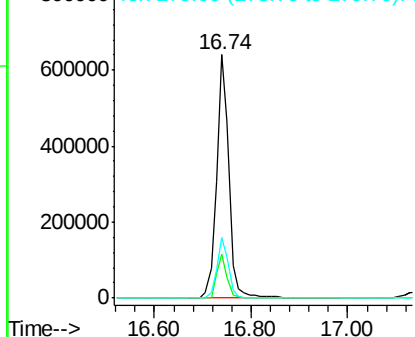


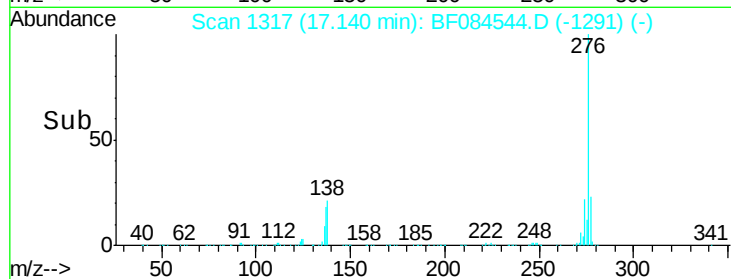
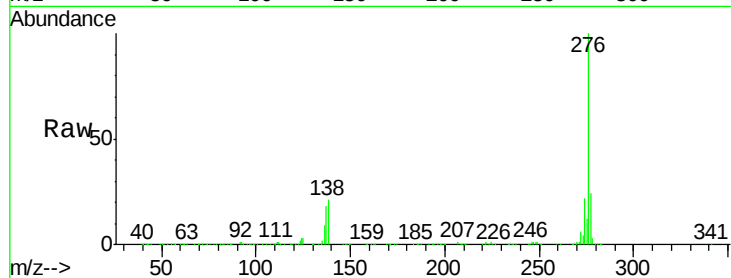
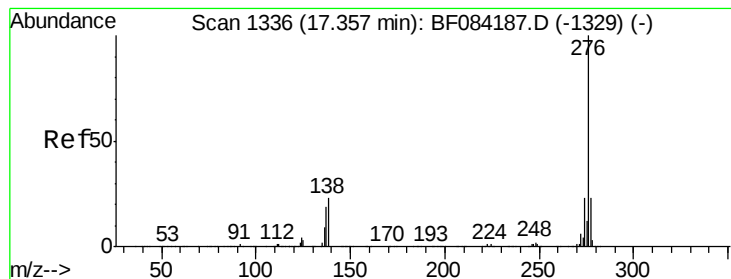
#90
Dibenzo(a,h)anthracene
Concen: 36.76 ng
RT: 16.74 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF084544.D
Acq: 19 Jan 2016 9:30

Tgt Ion:278 Resp: 1153972
Ion Ratio Lower Upper
278 100
139 18.2 15.0 22.4
279 24.8 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: 36.11 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF084544.D
 Acq: 19 Jan 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.7	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 1/20/2016 2:22:17 PM

