

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
 Data File : BF084547.D
 Acq On : 19 Jan 2016 12:26
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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 1/20/2016 2:22:20 PM

Quant Time: Jan 19 17:33:46 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	290426	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1187389	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	544009	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	1052141	20.00	ng	0.00
75) Chrysene-d12	13.96	240	771519	20.00	ng	0.00
86) Perylene-d12	15.36	264	588679	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1323289	73.70	ng	0.00
7) Phenol-d6	6.44	99	1703856	75.56	ng	0.00
23) Nitrobenzene-d5	7.37	82	1549533	72.63	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	453788	82.62	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2435359	78.25	ng	0.00
78) Terphenyl-d14	12.91	244	2596987	75.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	325891	38.31	ng	# 76
3) Pyridine	3.05	79	769220	32.44	ng	# 71
4) n-Nitrosodimethylamine	3.01	42	395692	32.51	ng	78
6) Aniline	6.46	93	1231844	37.34	ng	94
8) 2-Chlorophenol	6.58	128	804434	39.49	ng	86
9) Benzaldehyde	6.34	77	505683	34.44	ng	98
10) Phenol	6.45	94	883221	34.45	ng	# 64
11) bis(2-Chloroethyl)ether	6.53	93	778461	39.19	ng	# 81
12) 1,3-Dichlorobenzene	6.74	146	887539	42.23	ng	99
13) 1,4-Dichlorobenzene	6.82	146	846226m	40.16	ng	
14) 1,2-Dichlorobenzene	6.97	146	787490	39.02	ng	98
15) Benzyl Alcohol	6.94	79	645068	34.00	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1219345	33.71	ng	87
17) 2-Methylphenol	7.07	107	706091	41.36	ng	94
18) Hexachloroethane	7.31	117	342988	40.70	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	572801	37.52	ng	# 74
20) 3+4-Methylphenols	7.22	107	715349	35.65	ng	# 55
22) Acetophenone	7.22	105	1184308	41.48	ng	# 94
24) Nitrobenzene	7.39	77	971216	44.88	ng	95
25) Isophorone	7.63	82	1603508	39.30	ng	99
26) 2-Nitrophenol	7.70	139	406824	41.31	ng	# 80
27) 2,4-Dimethylphenol	7.74	122	727671	36.50	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	988133	39.65	ng	98
29) 2,4-Dichlorophenol	7.95	162	701788	42.26	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	738560	43.08	ng	# 95
31) Naphthalene	8.11	128	2325464	43.17	ng	99
32) Benzoic acid	7.89	122	507813	40.69	ng	95
33) 4-Chloroaniline	8.16	127	935797	37.89	ng	98
34) Hexachlorobutadiene	8.22	225	389915	39.57	ng	98
35) Caprolactam	8.54	113	235932	42.15	ng	# 48
36) 4-Chloro-3-methylphenol	8.65	107	712811	38.32	ng	91
37) 2-Methylnaphthalene	8.80	142	1410475	36.47	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	695146	44.45	ng	99
40) Hexachlorocyclopentadiene	8.96	237	368773	39.06	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	471190	40.27	nq	94
43) 2,4,5-Trichlorophenol	9.13	196	467241	41.66	nq	93
45) 1,1'-Biphenyl	9.26	154	1794043	41.49	nq	99
46) 2-Chloronaphthalene	9.29	162	1366579	40.24	nq	94
47) 2-Nitroaniline	9.39	65	532506	47.51	nq	# 80
48) Acenaphthylene	9.70	152	1928009	38.43	nq	96
49) Dimethylphthalate	9.57	163	1553878	39.95	nq	# 90
50) 2,6-Dinitrotoluene	9.63	165	330373	38.73	nq	# 52
51) Acenaphthene	9.87	154	1376350	40.89	nq	97
52) 3-Nitroaniline	9.80	138	436325	41.28	nq	92
53) 2,4-Dinitrophenol	9.90	184	226195	63.04	nq	# 86
54) Dibenzofuran	10.04	168	1720078	39.07	nq	# 89
55) 4-Nitrophenol	9.97	139	348628	45.44	nq	# 85
56) 2,4-Dinitrotoluene	10.03	165	444032	41.13	nq	# 88
57) Fluorene	10.38	166	1275450	37.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	416924	43.54	nq	89
59) Diethylphthalate	10.27	149	1671340	43.59	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	708759	50.87	nq	88
61) 4-Nitroaniline	10.42	138	460096	48.83	nq	88
62) Azobenzene	10.54	77	1780837	42.34	nq	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	292881	45.79	nq	84
65) n-Nitrosodiphenylamine	10.50	169	1248296	37.11	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	433296	38.26	nq	# 70
67) Hexachlorobenzene	10.93	284	501731	39.36	nq	95
68) Atrazine	11.04	200	446843	40.59	nq	95
69) Pentachlorophenol	11.13	266	260311	39.39	nq	96
70) Phenanthrene	11.34	178	2026310	36.82	nq	95
71) Anthracene	11.40	178	2397546	44.44	nq	98
72) Carbazole	11.55	167	2000387	37.93	nq	98
73) Di-n-butylphthalate	11.89	149	2545029	45.54	nq	# 96
74) Fluoranthene	12.53	202	2366230	41.16	nq	96
76) Benzidine	12.66	184	861346	31.14	nq	99
77) Pyrene	12.76	202	2390631	39.49	nq	97
79) Butylbenzylphthalate	13.38	149	1009541	38.53	nq	88
80) Benzo(a)anthracene	13.95	228	1746117	38.54	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	742100	46.94	nq	# 97
82) Chrysene	13.99	228	1695929	38.96	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1226838	37.07	nq	# 94
84) Di-n-octyl phthalate	14.56	149	2032676	36.38	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.73	276	1342133	38.89	nq	100
87) Benzo(b)fluoranthene	14.97	252	1653382m	42.94	nq	
88) Benzo(k)fluoranthene	14.99	252	1236424m	39.26	nq	
89) Benzo(a)pyrene	15.31	252	1396525	42.76	nq	# 97
90) Dibenzo(a,h)anthracene	16.74	278	1096610	39.02	nq	96
91) Benzo(g,h,i)perylene	17.13	276	946896	32.53	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF084547.D

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Instrument :

BNA_F

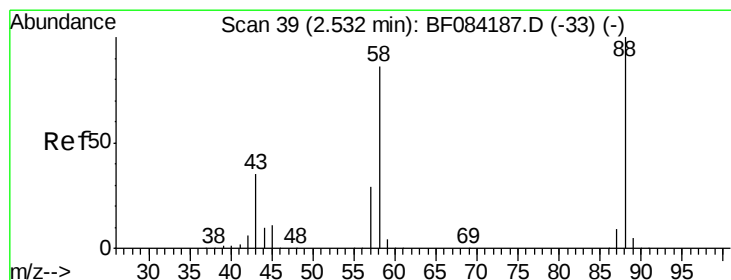
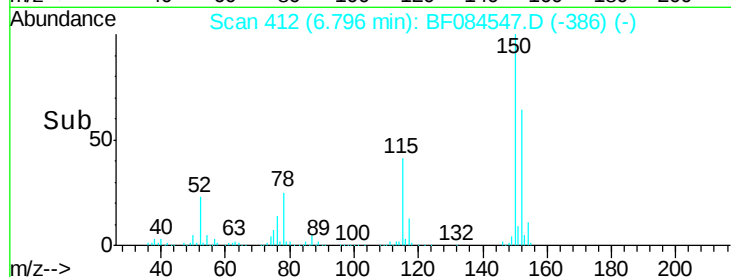
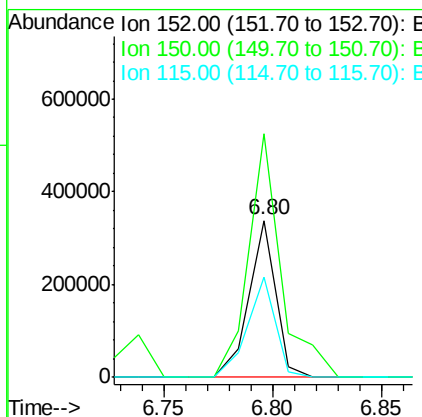
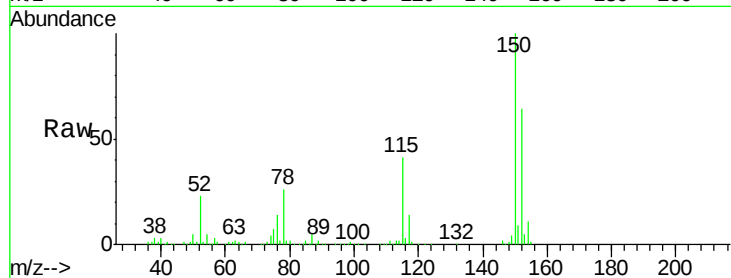
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	290426
Ion Ratio	Lower	Upper	
152	100		
150	155.2	123.0	184.4
115	64.3	51.4	77.2

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#2

1,4-Dioxane

Concen: 38.31 ng

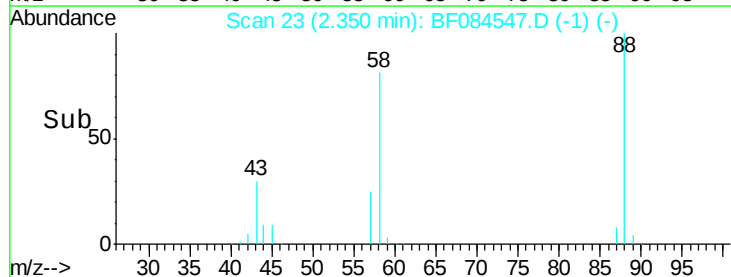
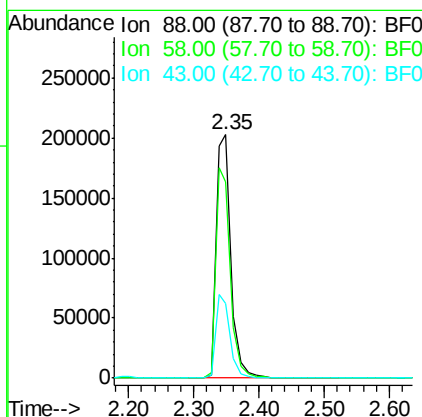
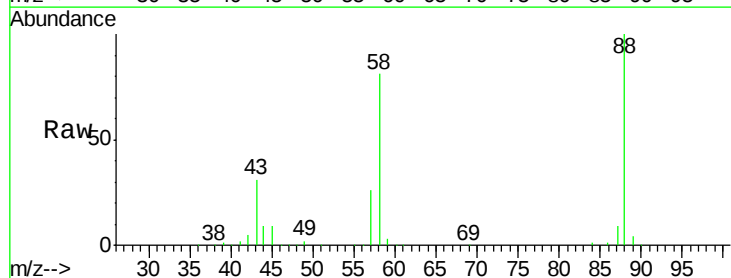
RT: 2.35 min Scan# 23

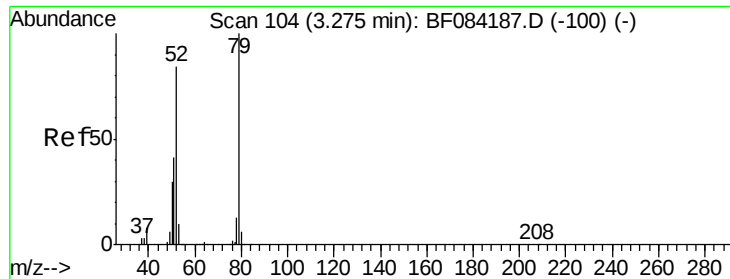
Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Tgt Ion:	88	Resp:	325891
Ion Ratio	Lower	Upper	
88	100		
58	85.0	51.2	76.8#
43	33.1	19.5	29.3#





#3

Pvridine

Concen: 32.44 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

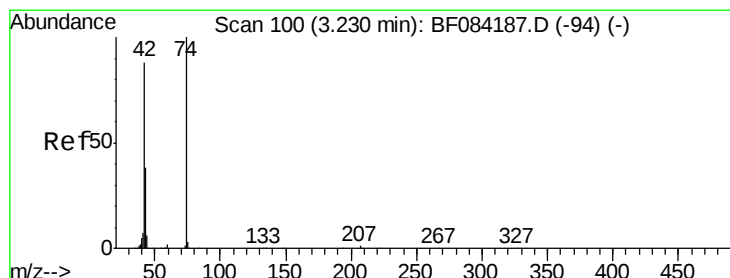
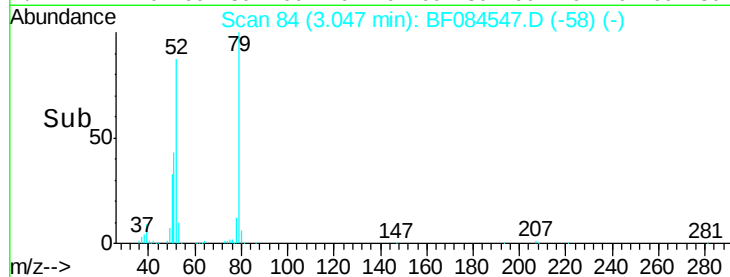
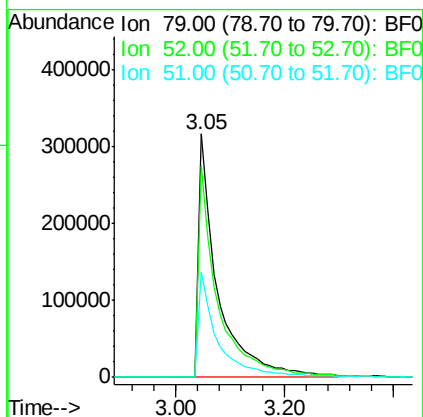
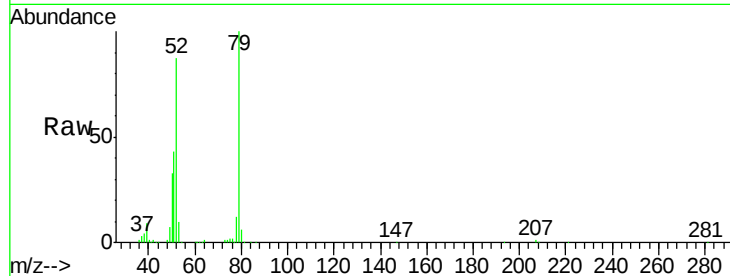
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	769220
Ion Ratio	Lower	Upper	
79	100		
52	86.8	49.0	73.4#
51	43.4	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 32.51 ng

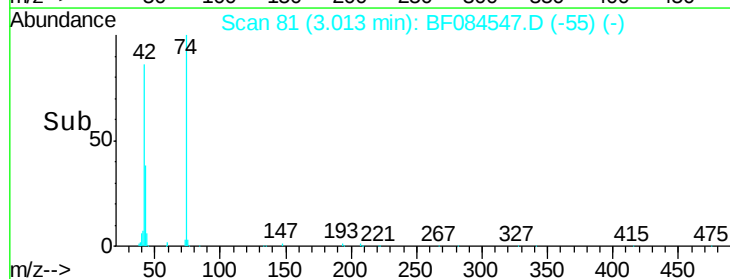
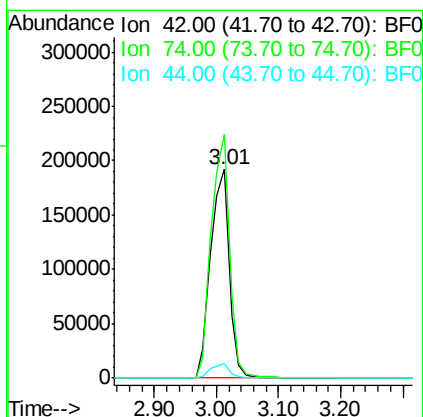
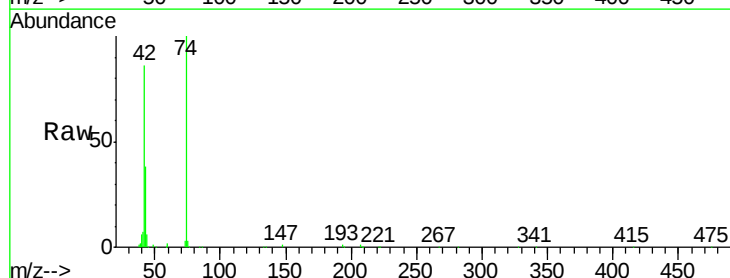
RT: 3.01 min Scan# 81

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Tgt Ion:	42	Resp:	395692
Ion Ratio	Lower	Upper	
42	100		
74	116.7	115.7	173.5
44	7.2	5.1	7.7





#5

2-Fluorophenol

Concen: 73.70 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 112 Resp: 1323289

Ion Ratio Lower Upper

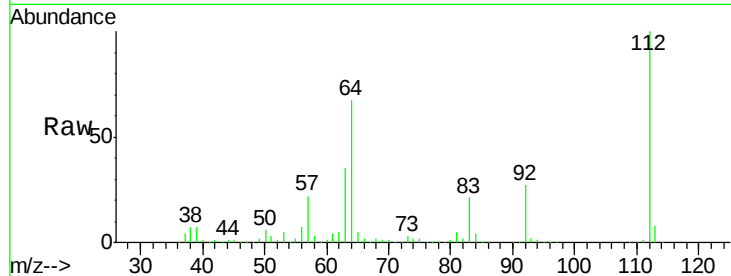
112 100

64 66.5 36.6 55.0#

63 34.8 19.4 29.0#

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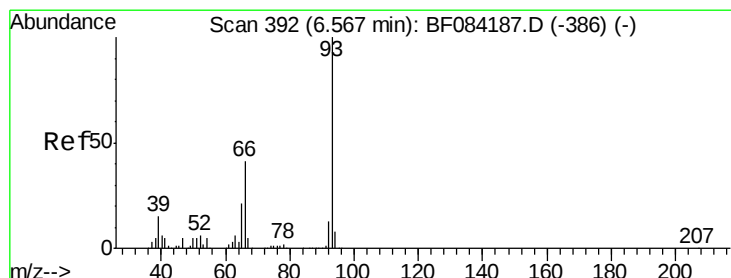
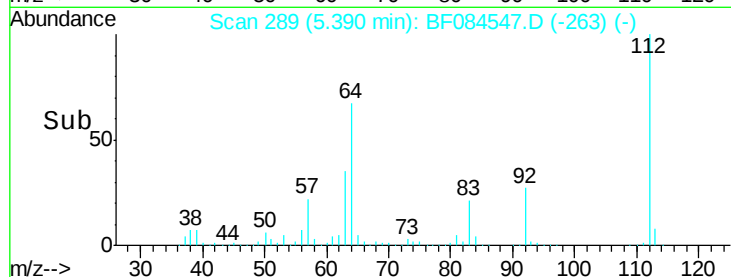
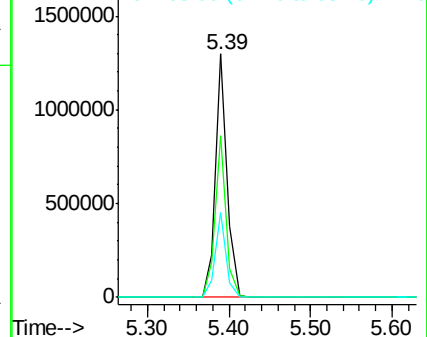
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.34 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

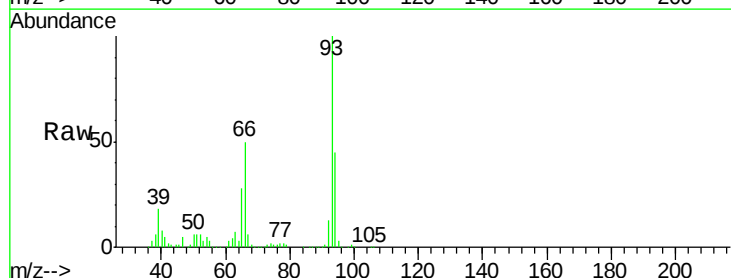
Tgt Ion: 93 Resp: 1231844

Ion Ratio Lower Upper

93 100

66 50.2 44.9 67.3

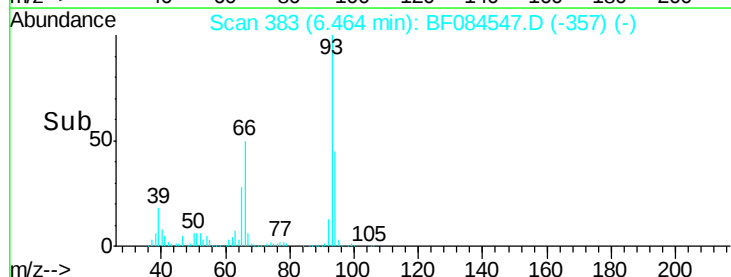
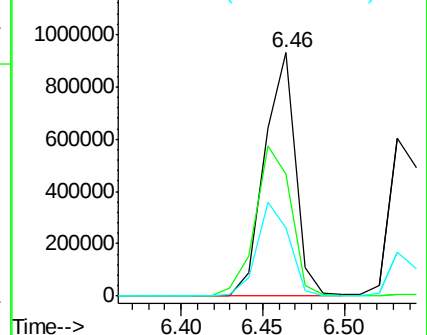
65 28.3 23.7 35.5

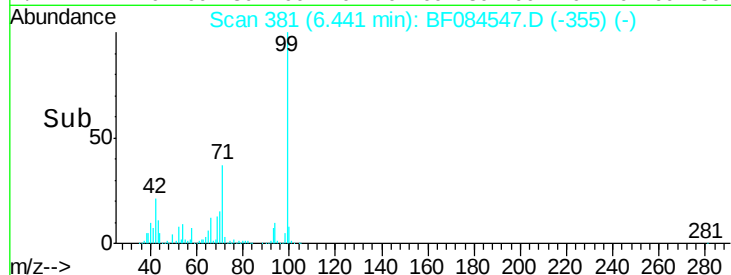
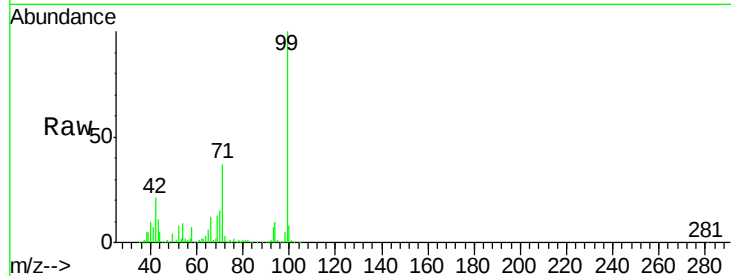
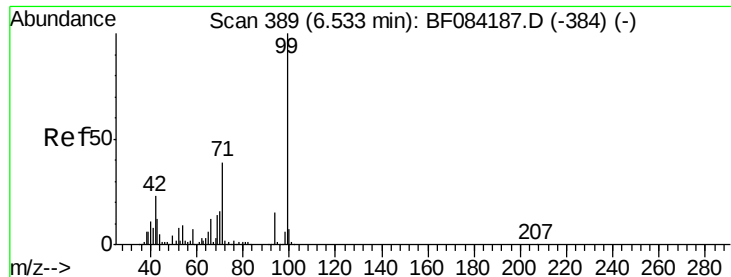


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.56 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Tot Ion: 99 Resp: 1703856

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

71 37.3 30.9 46.3

Instrument :

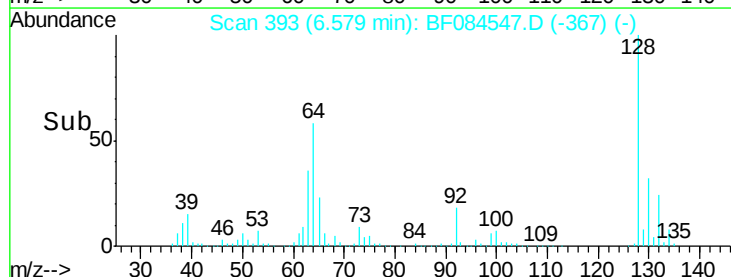
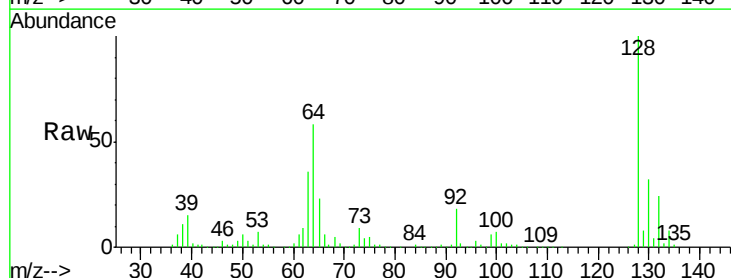
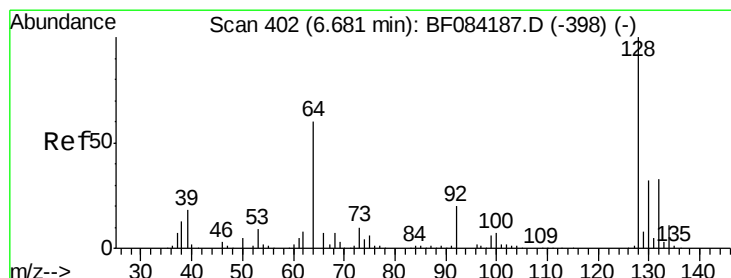
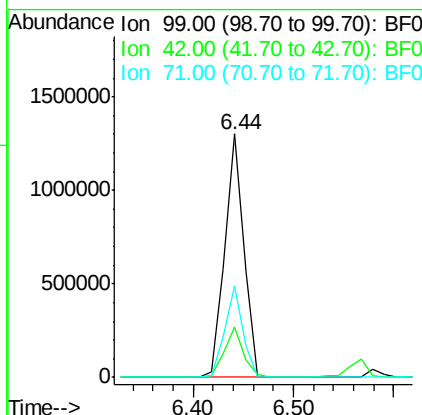
BNA_F

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#8

2-Chlorophenol

Concen: 39.49 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

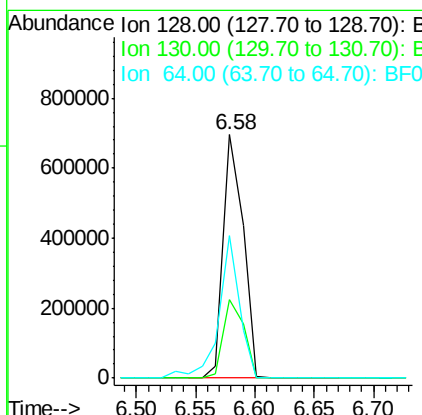
Tgt Ion: 128 Resp: 804434

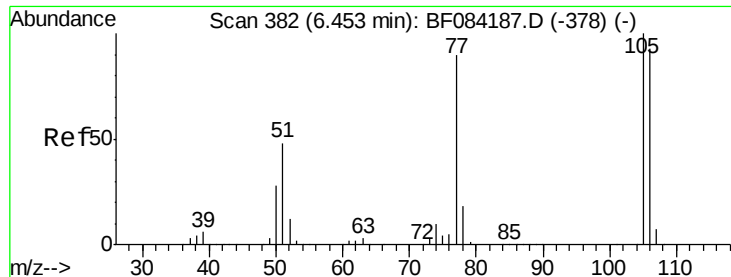
Ion Ratio Lower Upper

128 100

130 32.4 11.6 51.6

64 58.3 23.8 63.8





#9

Benzaldehyde

Concen: 34.44 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

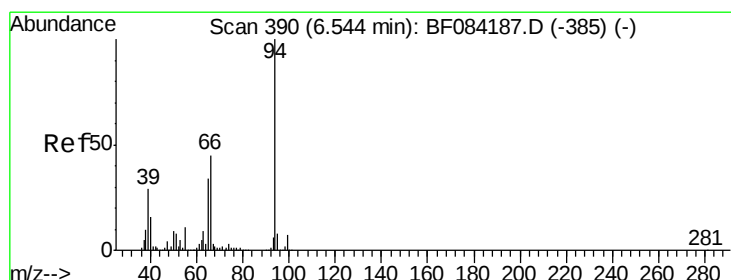
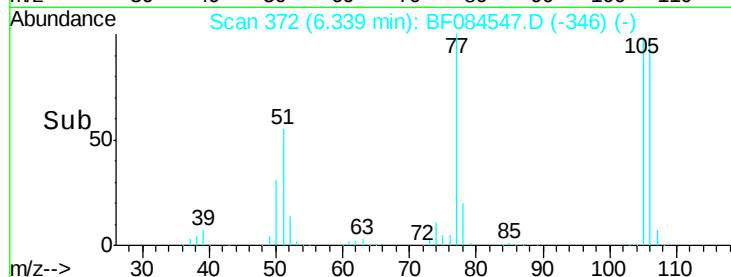
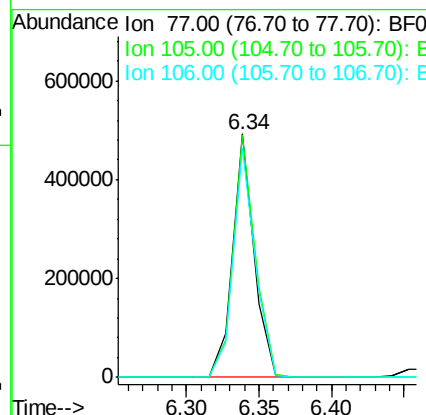
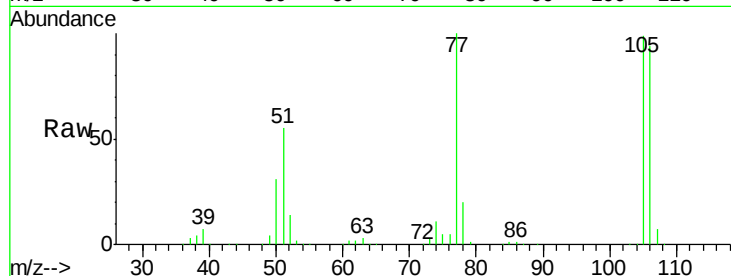
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	505683
Ion Ratio	Lower	Upper	
77	100		
105	99.5	83.0	123.0
106	94.2	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 34.45 ng

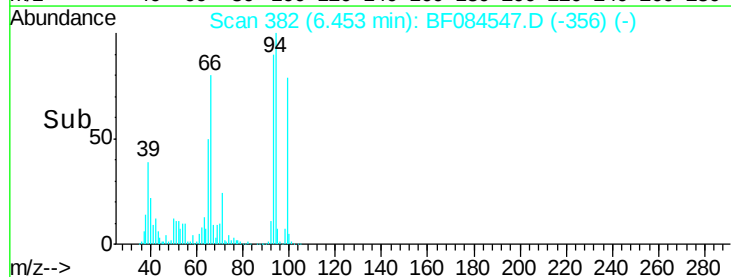
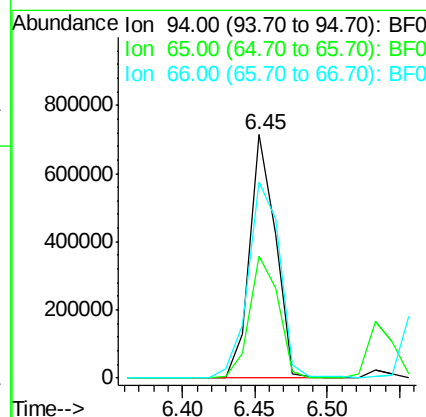
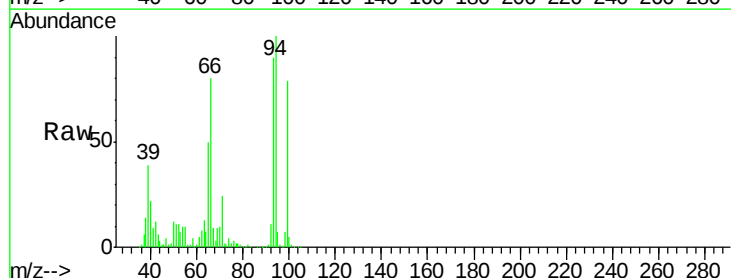
RT: 6.45 min Scan# 382

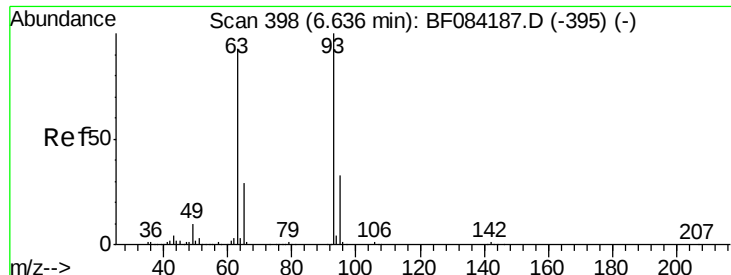
Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Tgt Ion:	94	Resp:	883221
Ion Ratio	Lower	Upper	
94	100		
65	49.9	12.9	52.9
66	80.4	32.7	72.7#





#11

bis(2-Chloroethyl)ether

Concen: 39.19 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

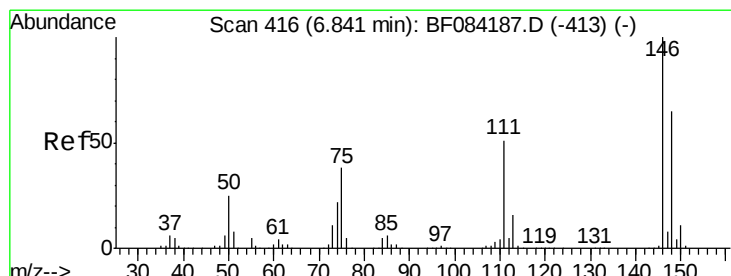
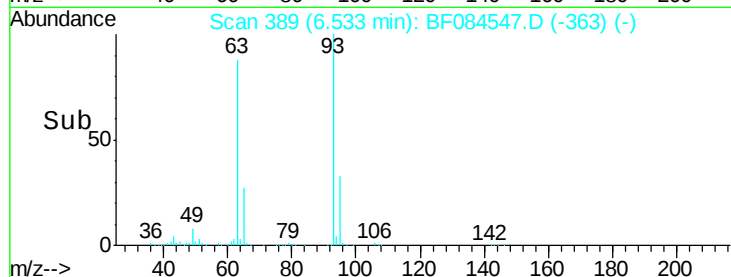
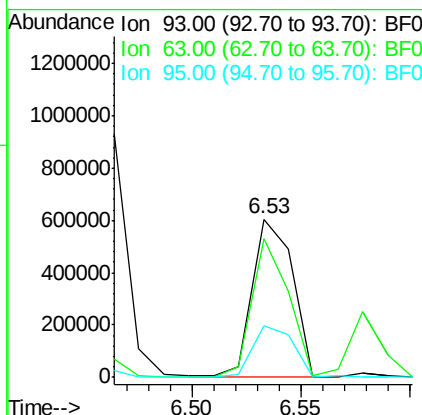
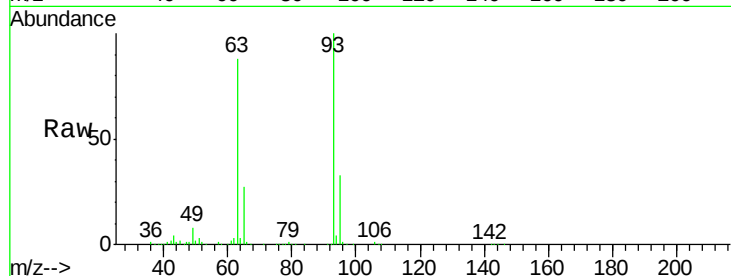
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.0	45.9	85.9#
95	32.9	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 42.23 ng

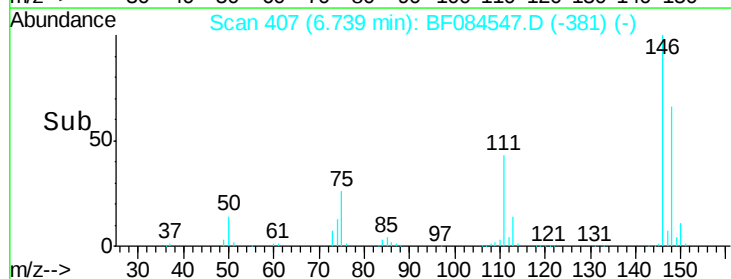
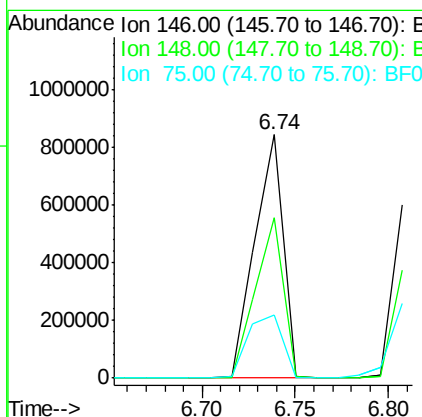
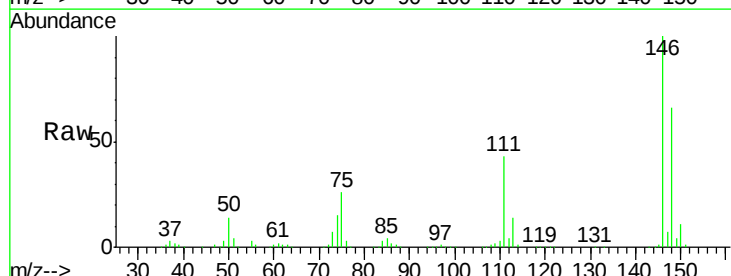
RT: 6.74 min Scan# 407

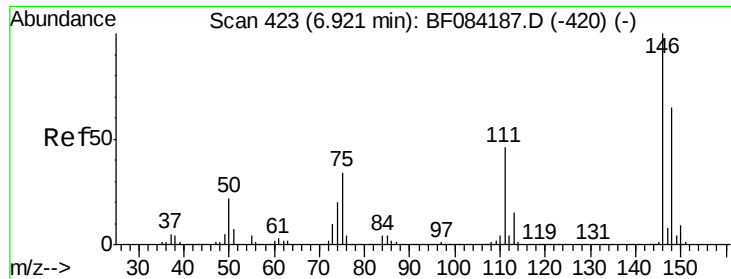
Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
75	25.9	20.5	30.7





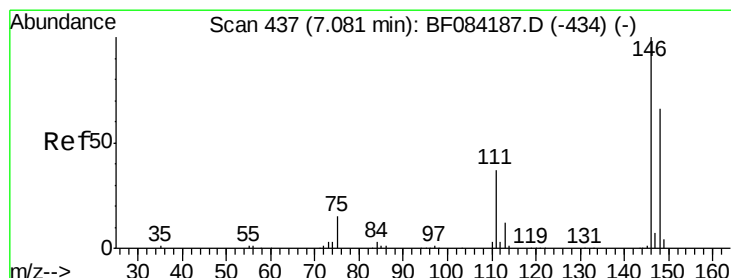
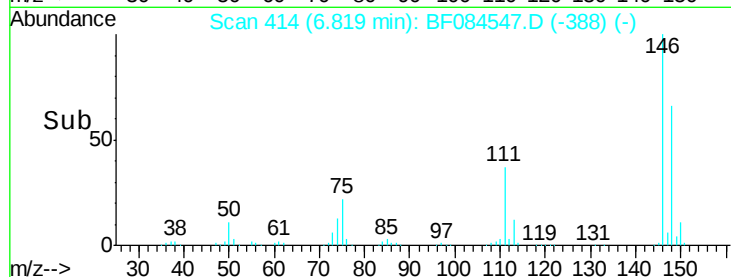
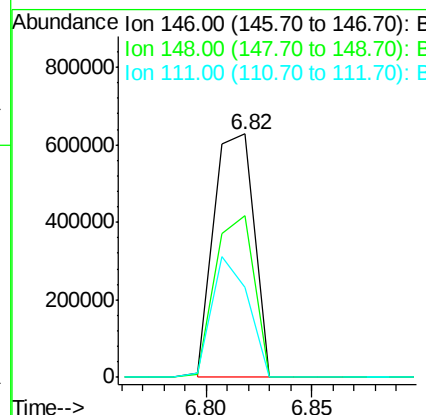
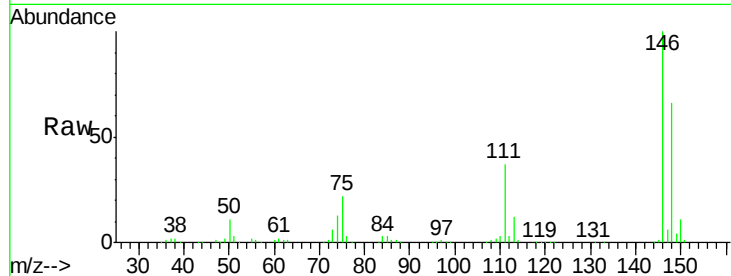
#13
 1,4-Dichlorobenzene
 Concen: 40.16 ng m
 RT: 6.82 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.9	77.9
111	37.2	41.6	62.4#

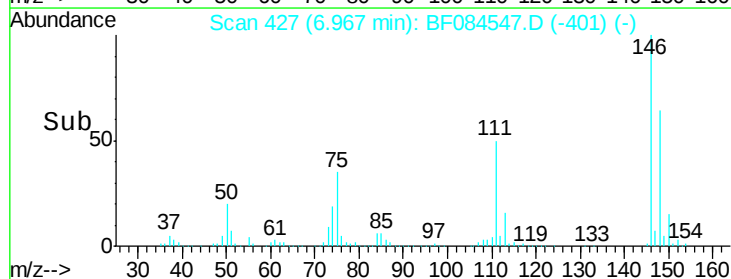
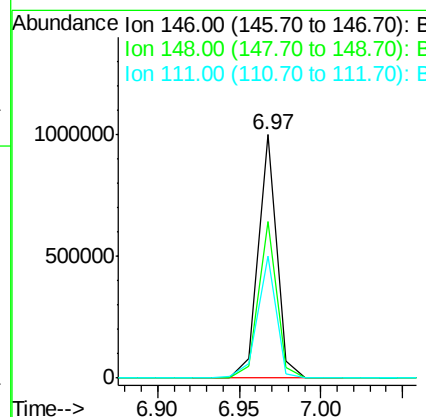
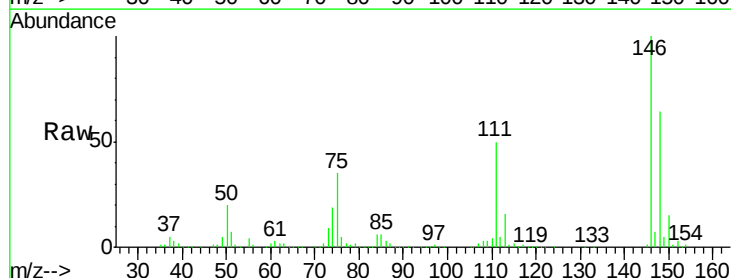
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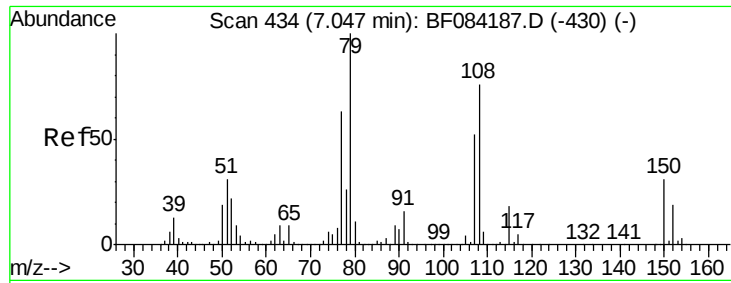
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#14
 1,2-Dichlorobenzene
 Concen: 39.02 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	50.2	38.0	57.0





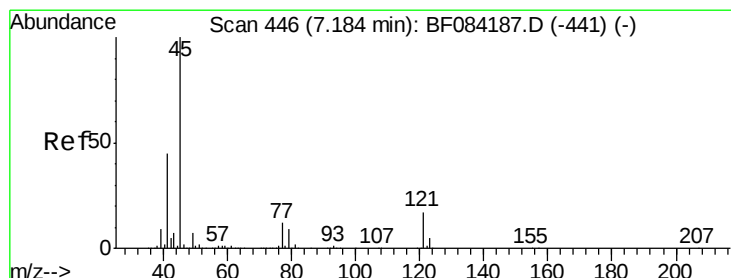
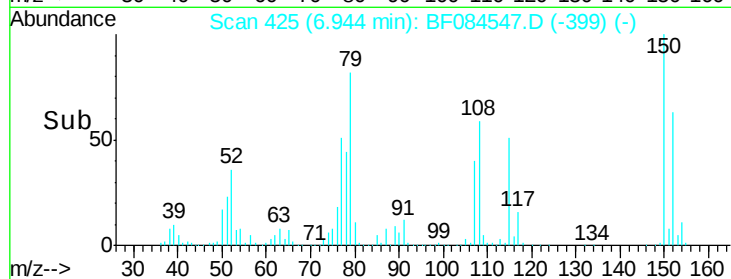
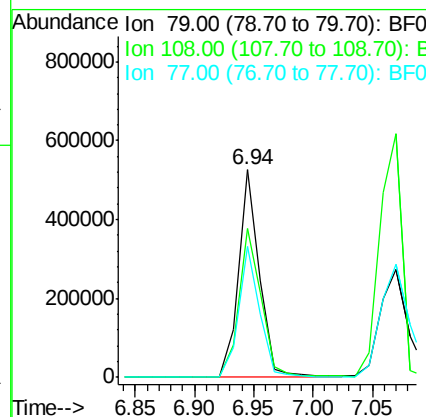
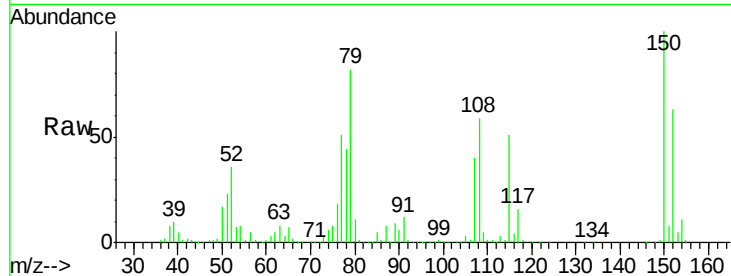
#15
Benzyl Alcohol
Concen: 34.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.8	69.0	103.4
77	63.1	50.0	75.0

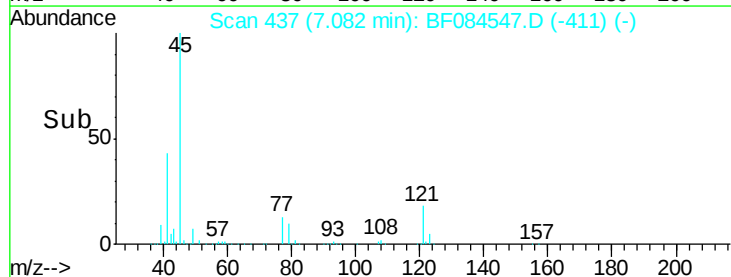
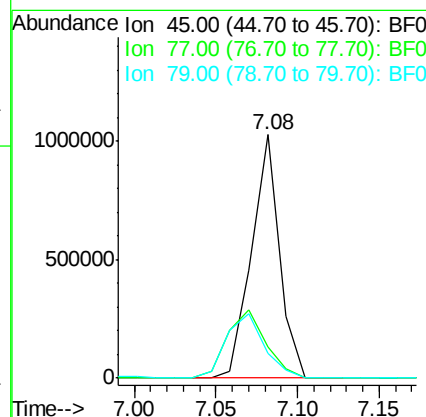
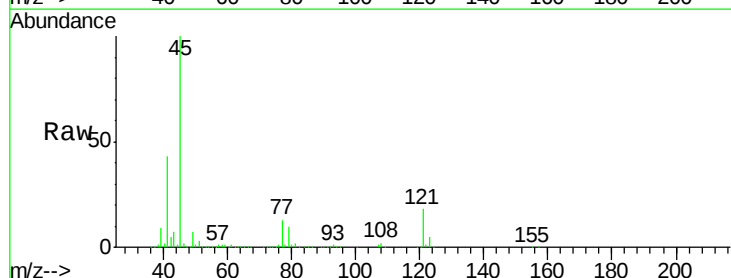
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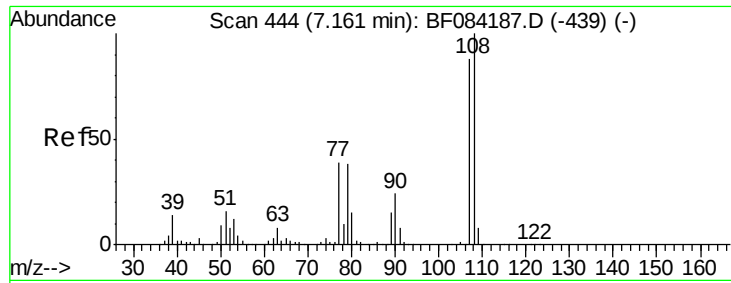
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.71 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	39.6
79	10.2	0.0	35.0





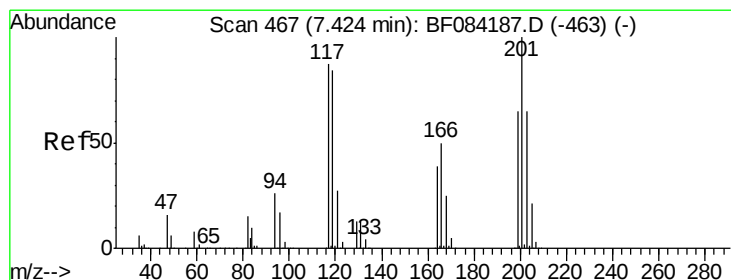
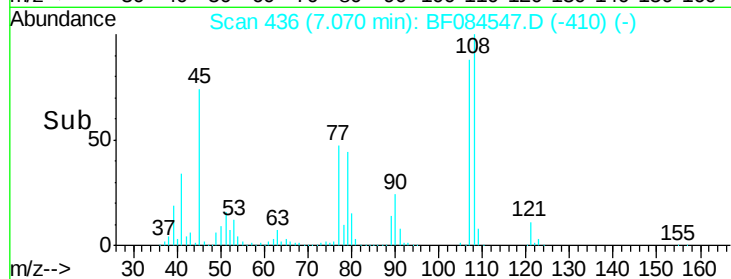
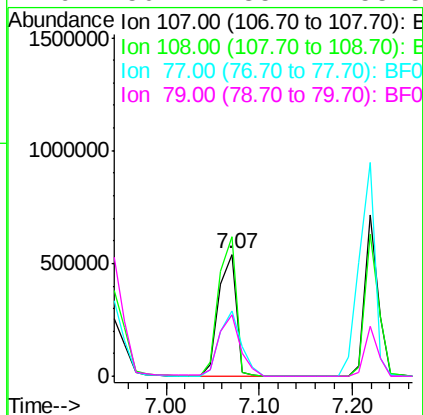
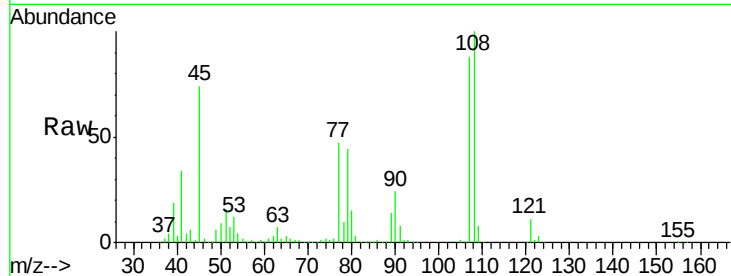
#17
2-Methylphenol
Concen: 41.36 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	706091		
108	114.1	89.8	134.6	
77	53.1	35.7	53.5	
79	50.7	35.7	53.5	

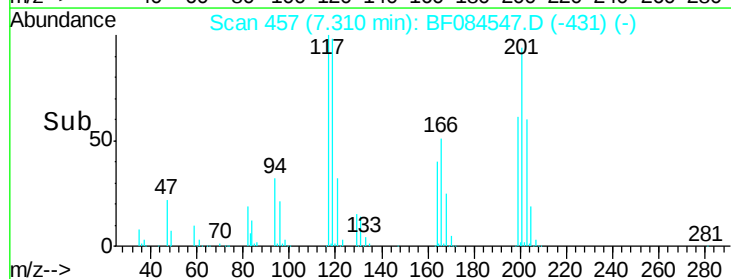
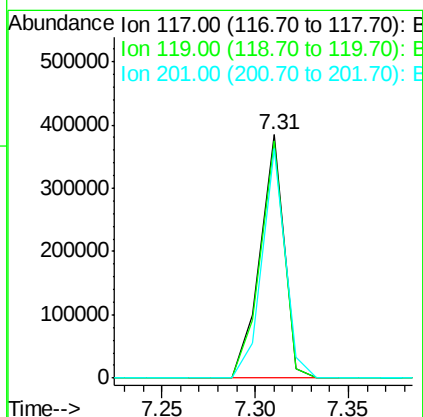
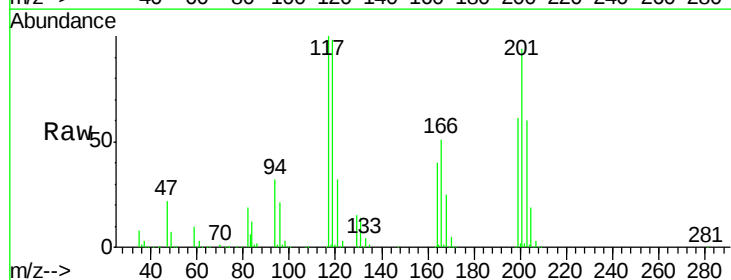
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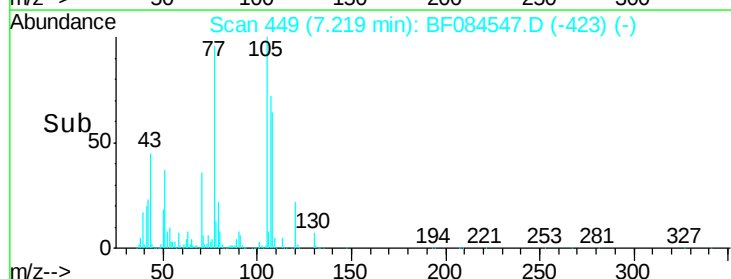
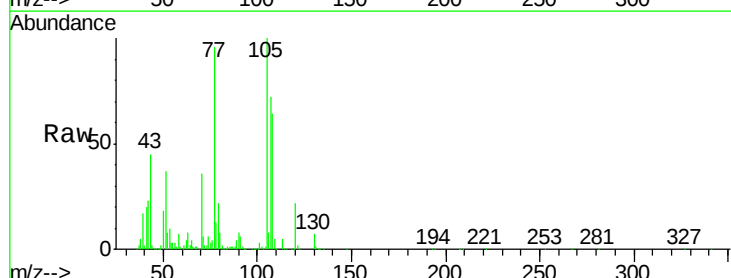
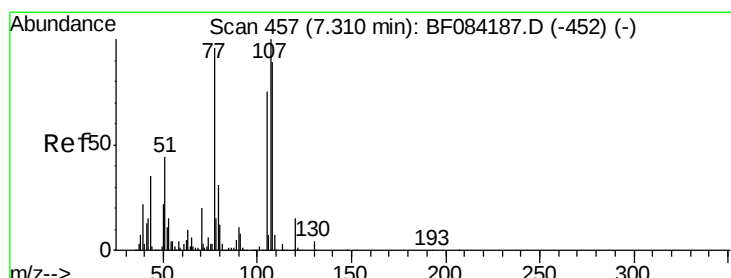
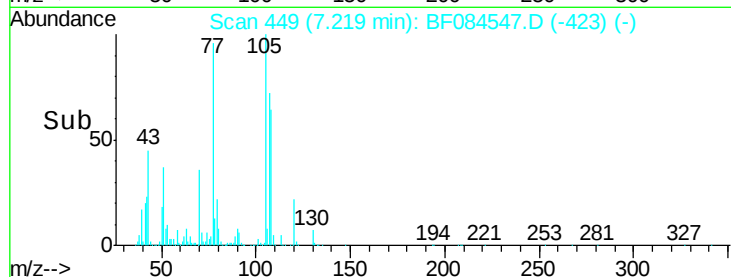
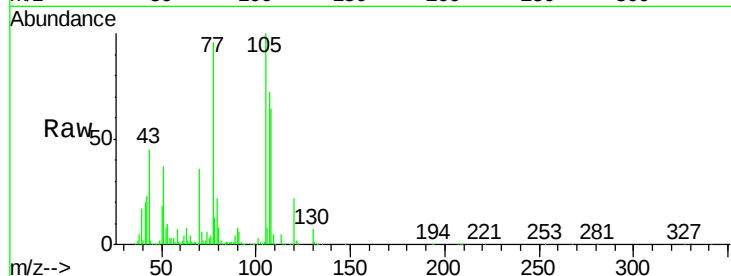
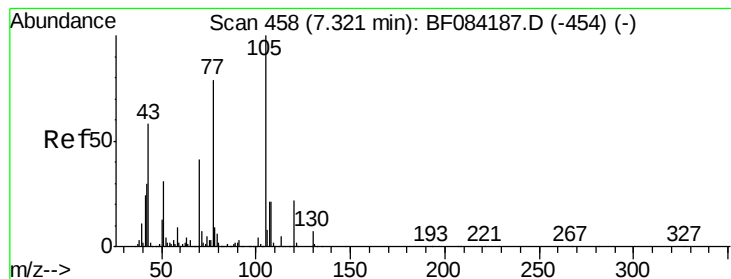
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#18
Hexachloroethane
Concen: 40.70 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	342988		
119	97.5	77.4	116.0	
201	94.2	68.6	103.0	





#19

n-Nitroso-di-n-propylamine

Concen: 37.52 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 572801

Ion Ratio Lower Upper

70 100

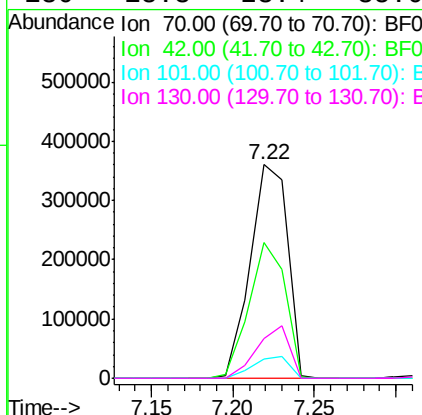
42 63.6 33.3 49.9#

101 9.1 9.3 13.9#

130 18.3 23.4 35.0#

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#20

3+4-Methylphenols

Concen: 35.65 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Tgt Ion: 107 Resp: 715349

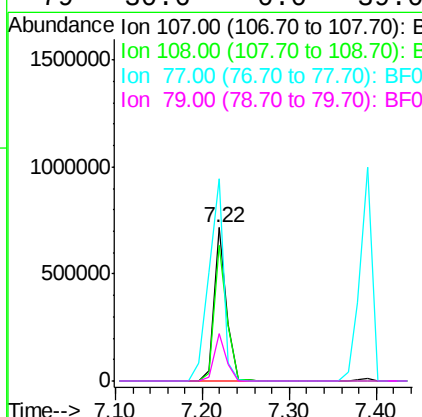
Ion Ratio Lower Upper

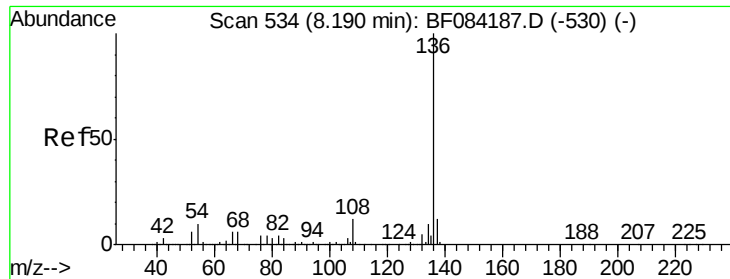
107 100

108 88.1 74.6 114.6

77 132.0 0.7 40.7#

79 30.6 0.0 39.0





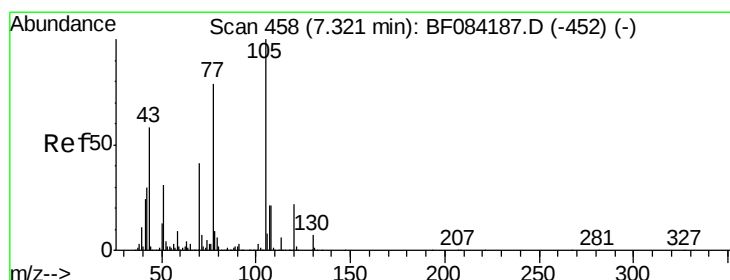
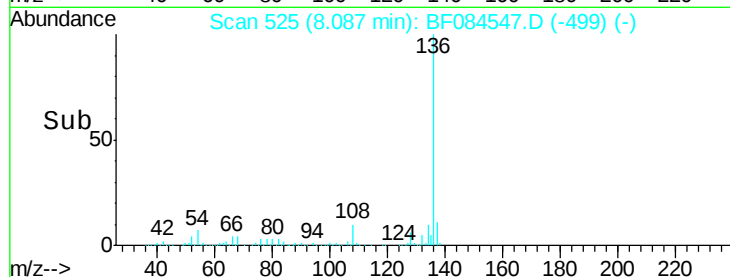
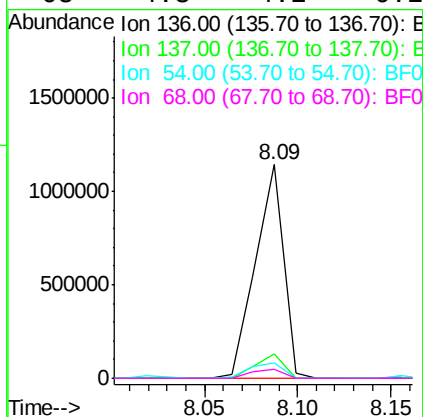
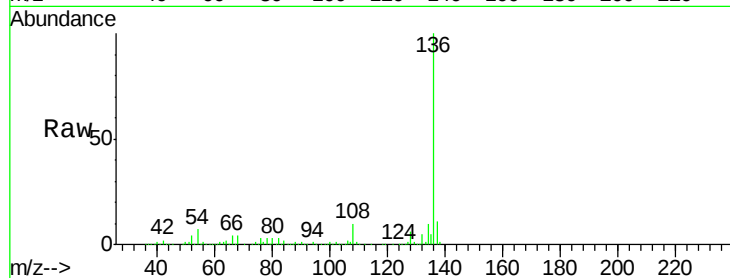
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	136	Resp	1187389
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.3	5.8	8.8
68	4.3	4.2	6.2

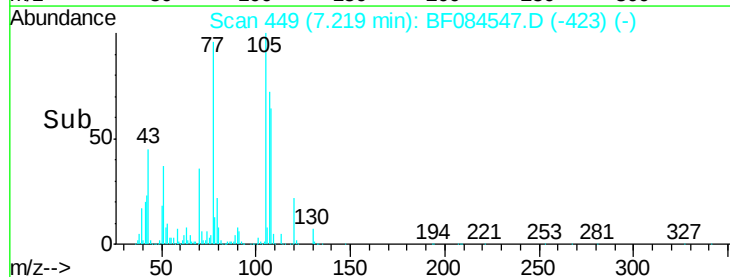
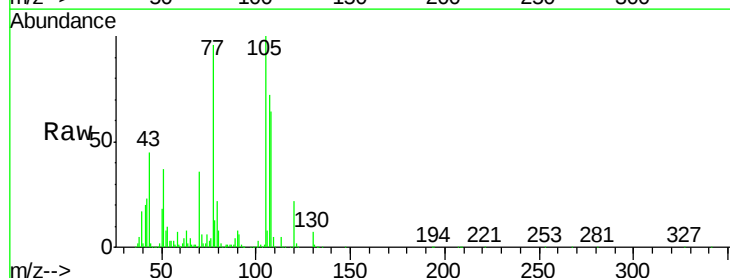
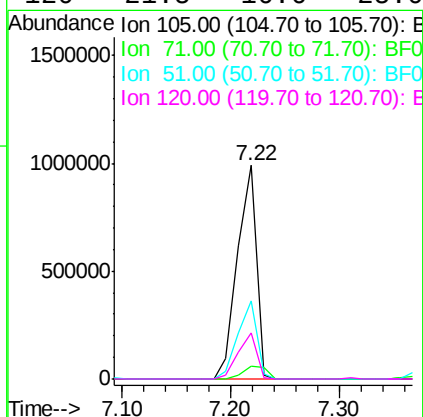
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#22
Acetophenone
Concen: 41.48 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	105	Resp	1184308
Ion	Ratio	Lower	Upper
105	100		
71	6.0	3.7	5.5#
51	36.8	25.1	37.7
120	21.5	16.6	25.0





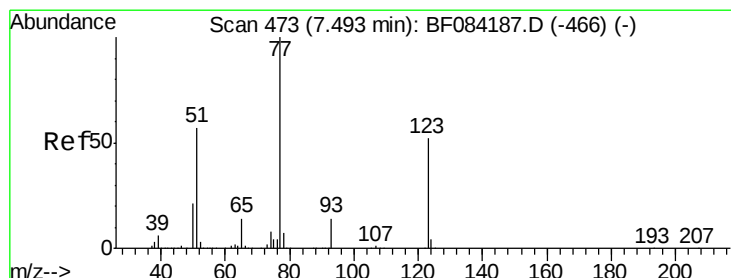
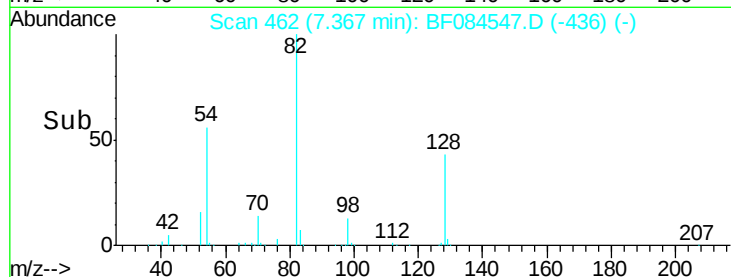
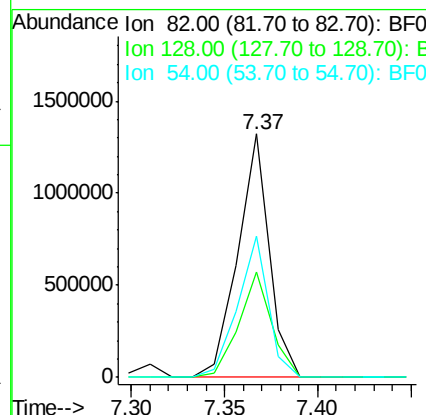
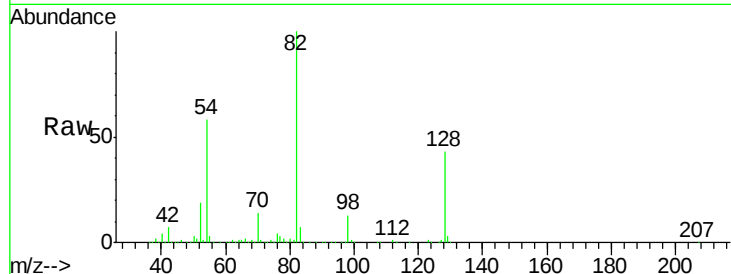
#23
 Nitrobenzene-d5
 Concen: 72.63 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	82	Resp	1549533
Ion Ratio	100	Lower	Upper
128	43.3	34.6	51.8
54	58.1	38.4	57.6

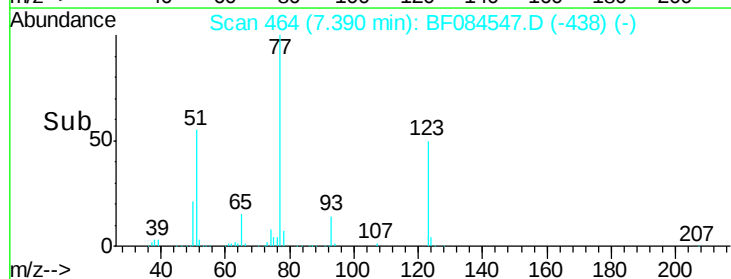
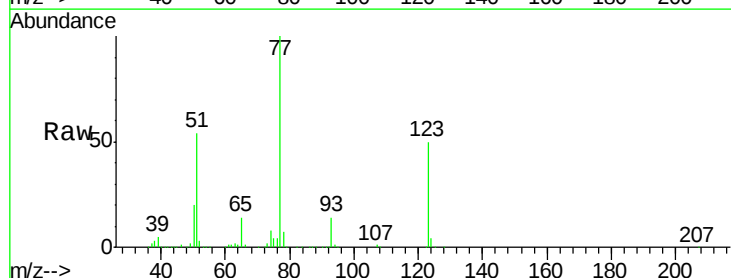
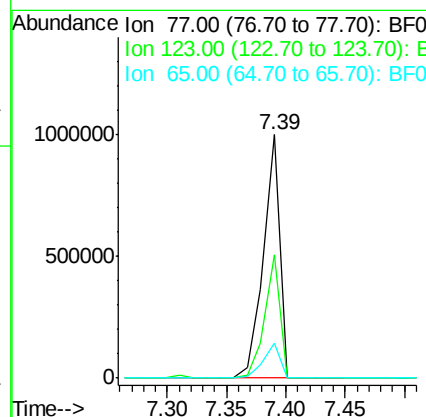
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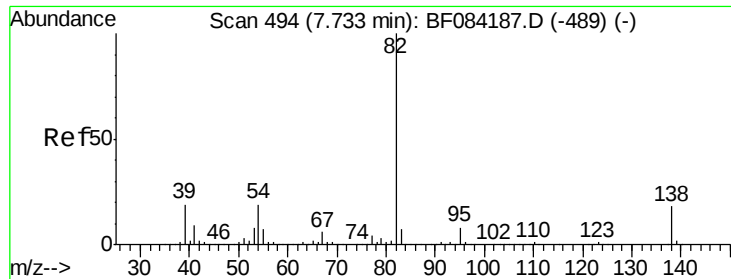
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#24
 Nitrobenzene
 Concen: 44.88 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Tgt Ion	77	Resp	971216
Ion Ratio	100	Lower	Upper
123	50.4	37.4	56.2
65	14.3	10.9	16.3





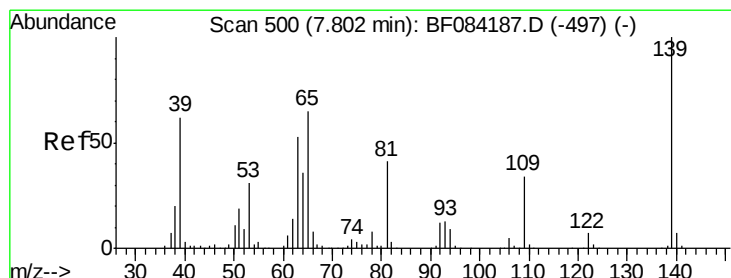
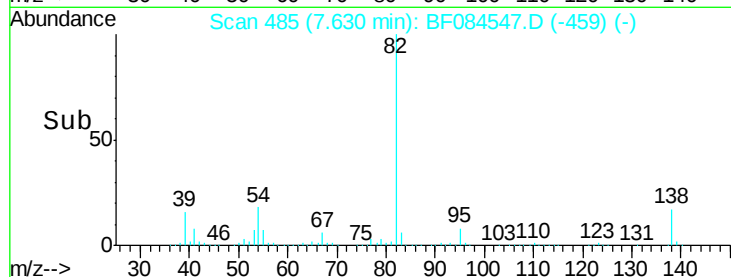
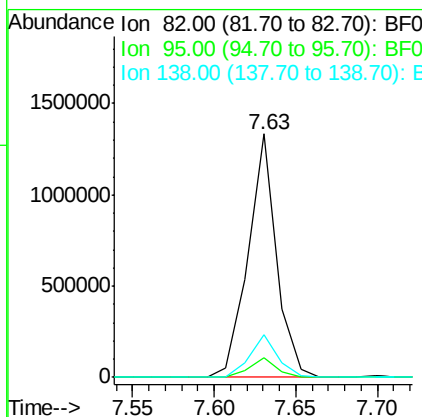
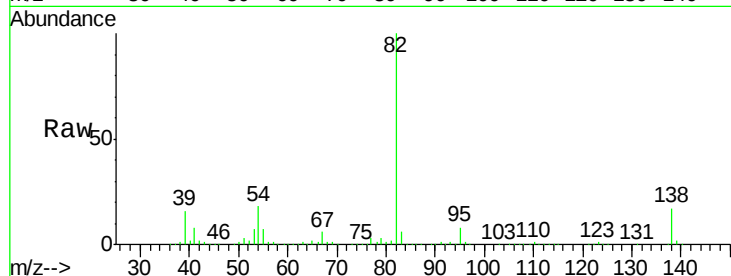
#25
Isophorone
Concen: 39.30 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 1603508
Ion Ratio Lower Upper
82 100
95 7.9 6.6 10.0
138 17.5 13.6 20.4

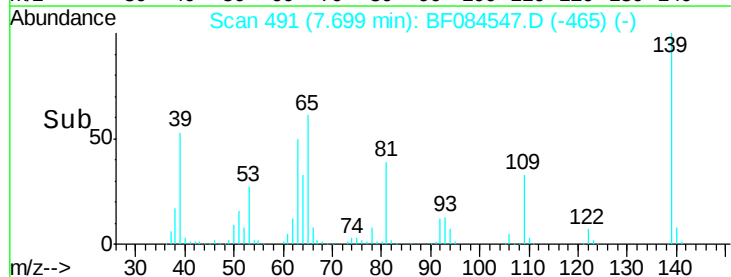
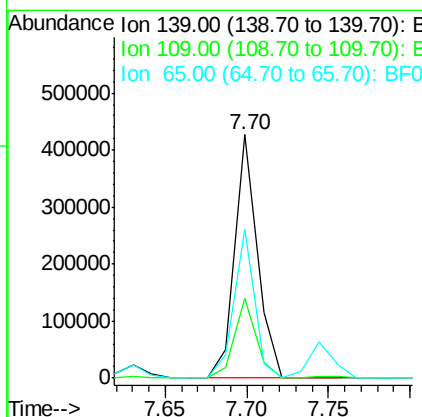
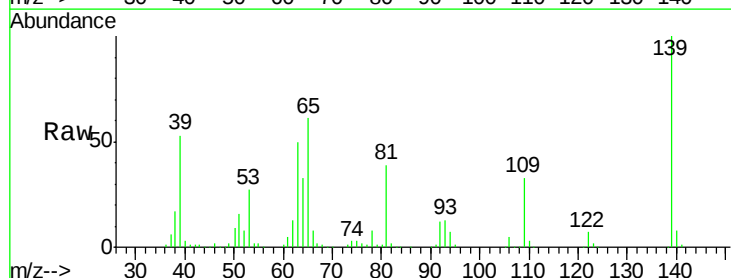
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#26
2-Nitrophenol
Concen: 41.31 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion: 139 Resp: 406824
Ion Ratio Lower Upper
139 100
109 33.0 25.4 38.2
65 61.3 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 36.50 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

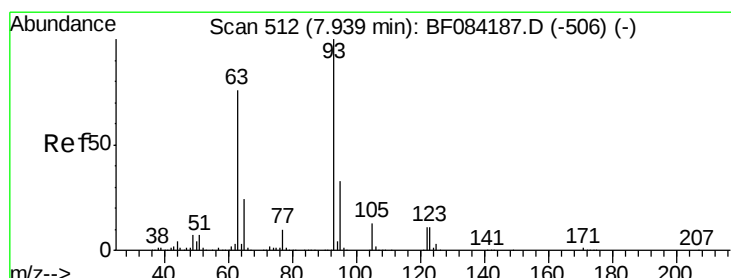
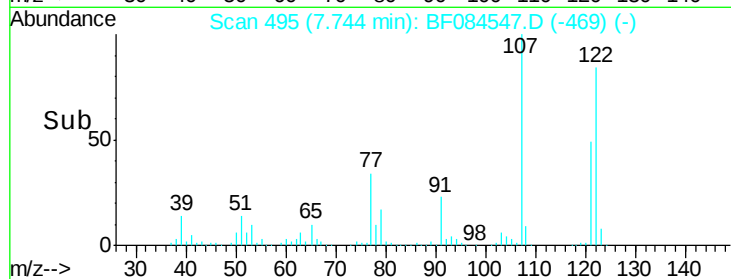
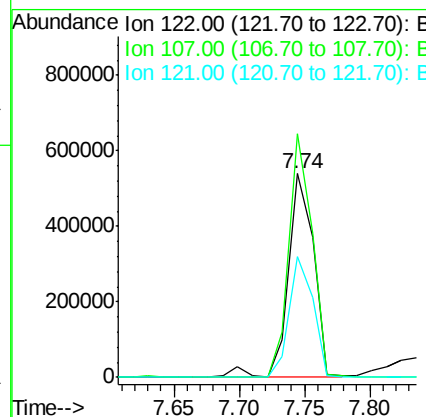
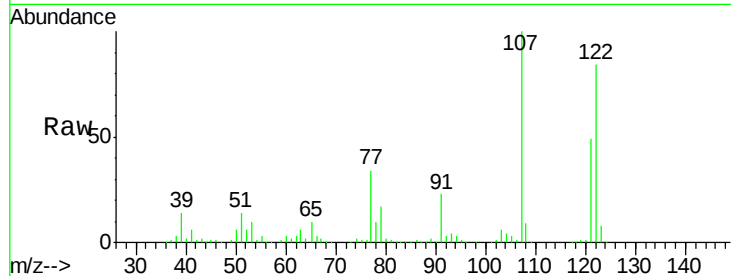
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	727671
Ion Ratio	Lower	Upper	
122	100		
107	119.5	99.1	148.7
121	58.9	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 39.65 ng

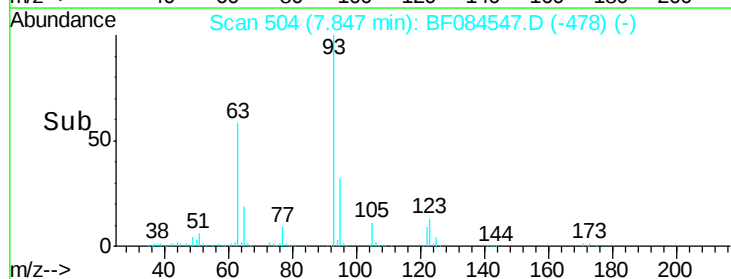
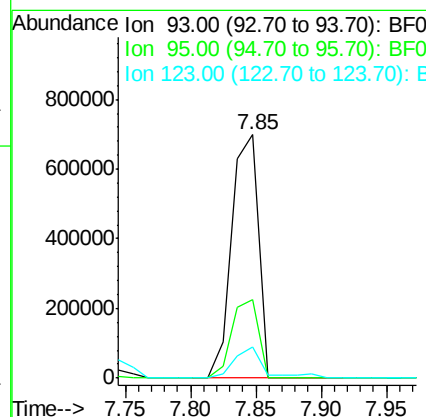
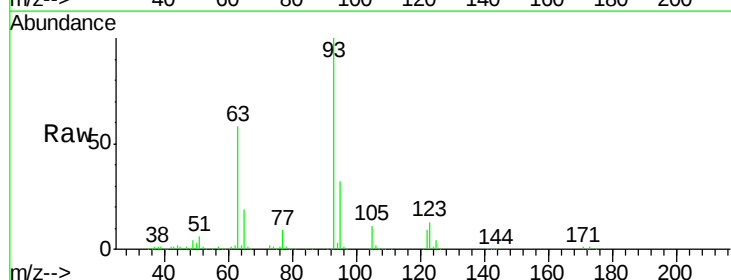
RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Tgt Ion:	93	Resp:	988133
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.8	38.6
123	12.8	8.6	12.8





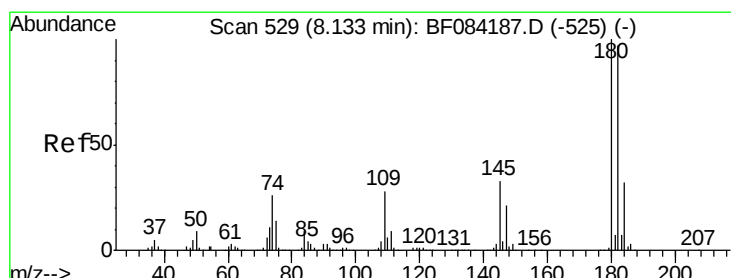
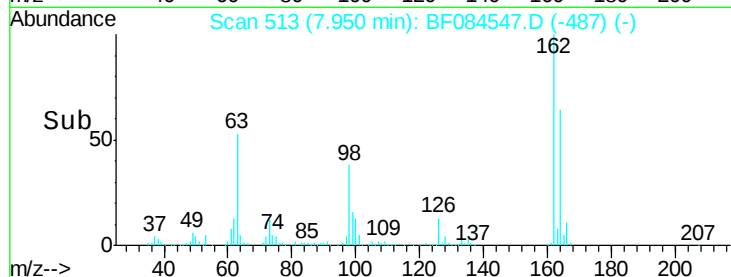
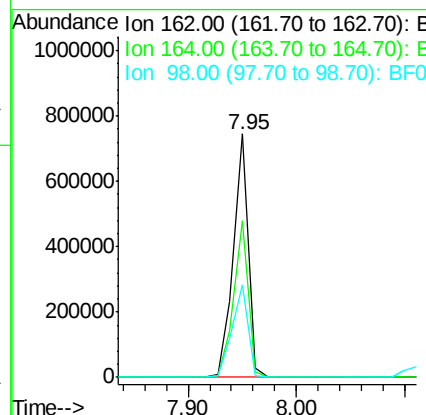
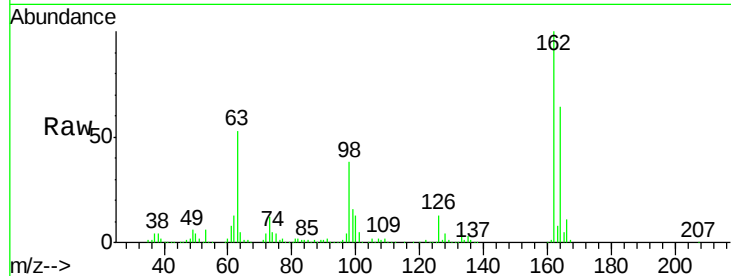
#29
 2,4-Dichlorophenol
 Concen: 42.26 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		701788		
164	64.4	44.1		84.1	
98	38.2	20.2		60.2	

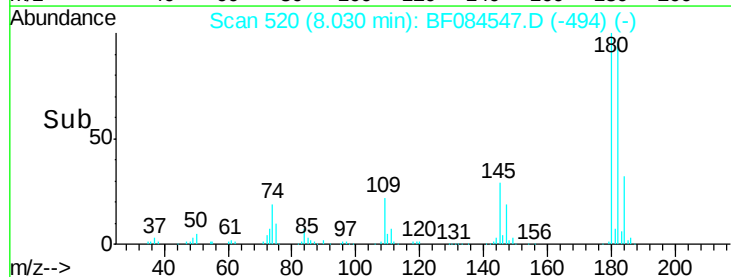
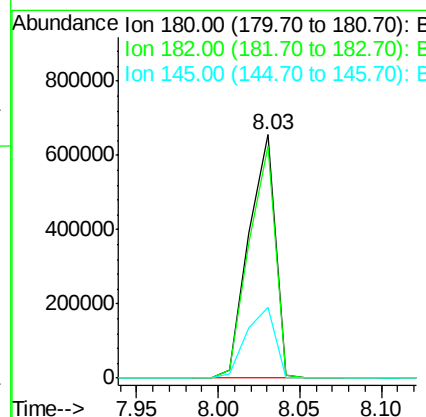
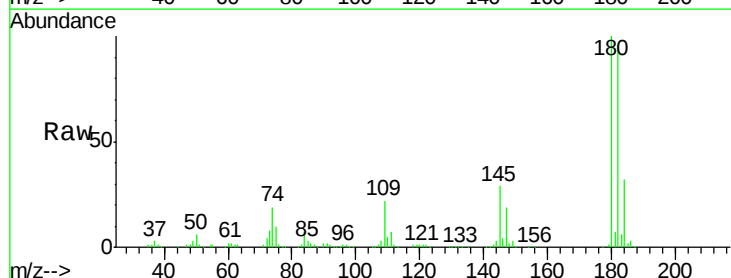
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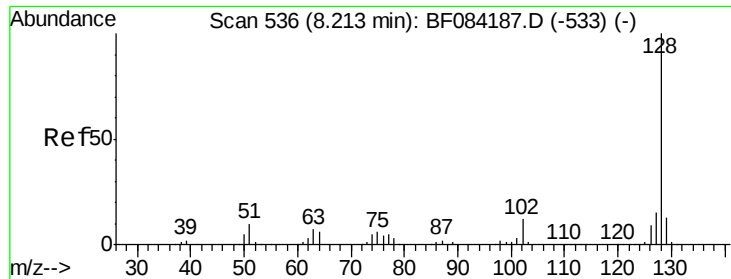
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.08 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		738560		
182	95.5	76.4		114.6	
145	29.1	31.6		47.4#	





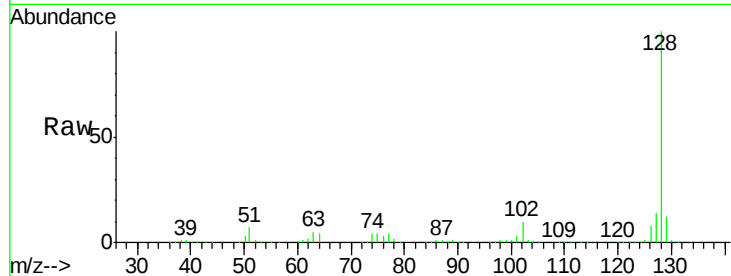
#31
Naphthalene
Concen: 43.17 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

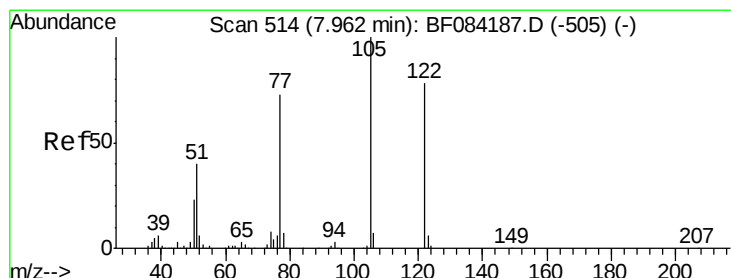
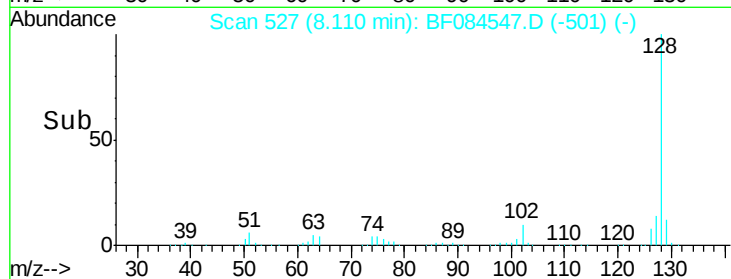
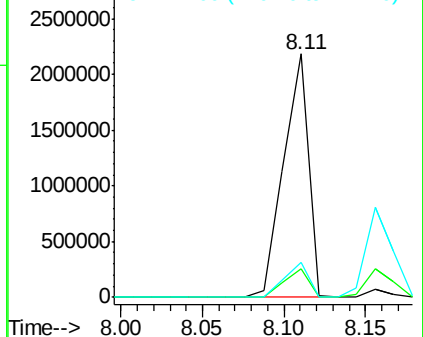
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	14.2	11.1	16.7

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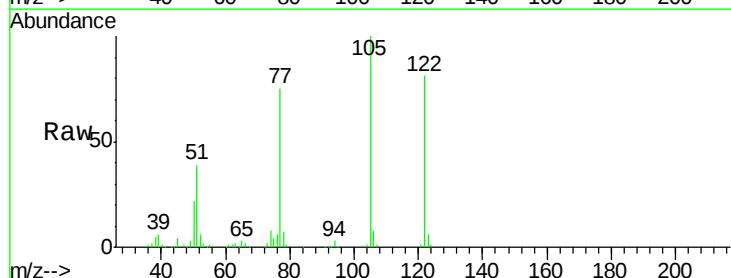


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

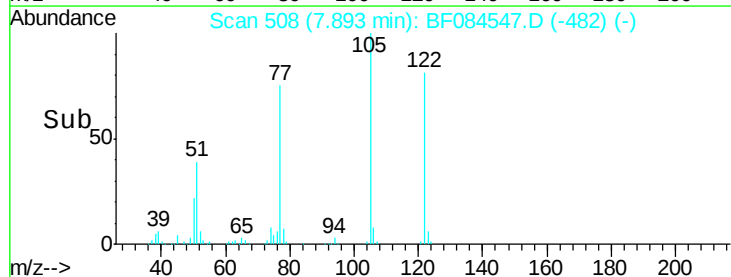
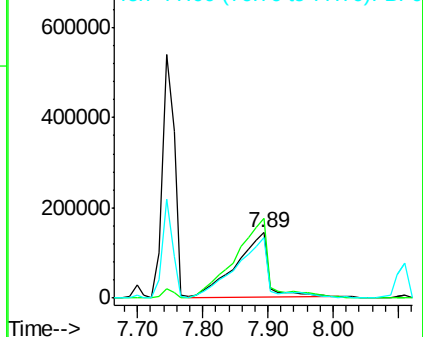


#32
Benzoic acid
Concen: 40.69 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	100.3	140.3
77	92.1	63.5	103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





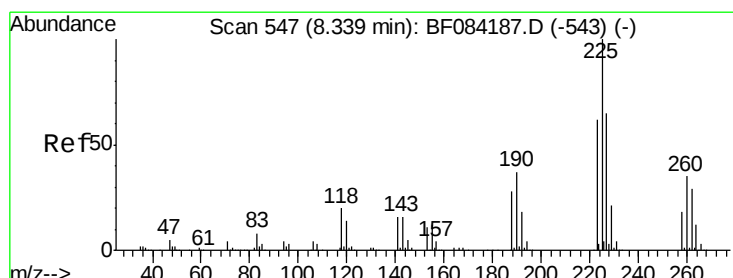
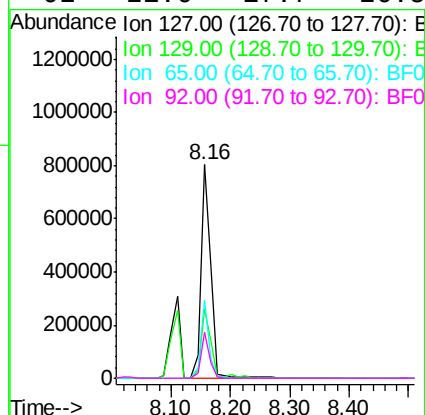
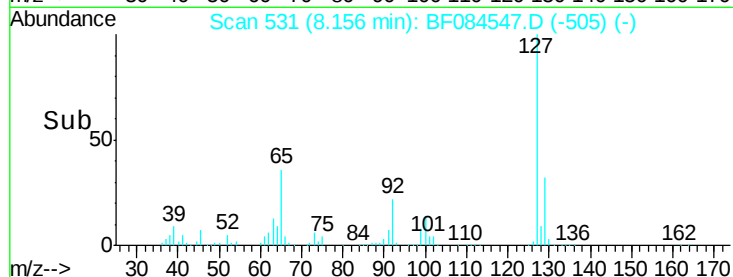
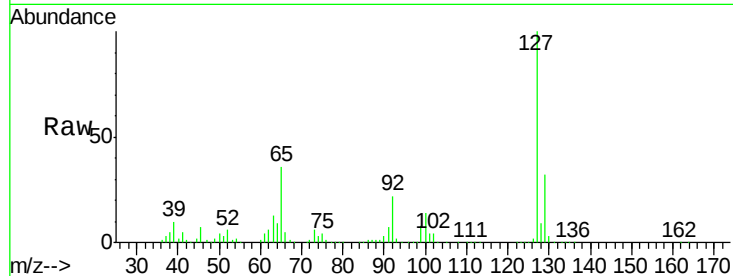
#33
4-Chloroaniline
Concen: 37.89 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		935797		
129	32.4	26.5	39.7		
65	36.3	27.2	40.8		
92	21.6	17.7	26.5		

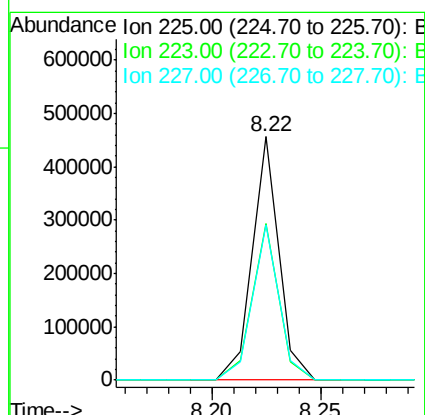
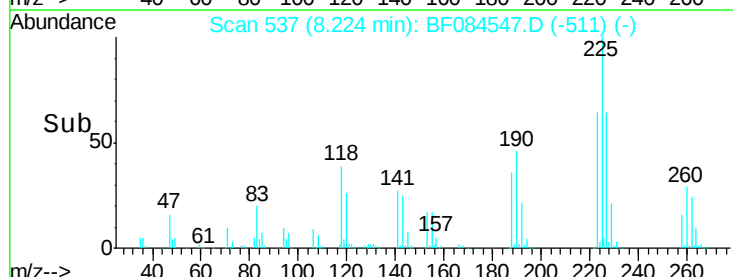
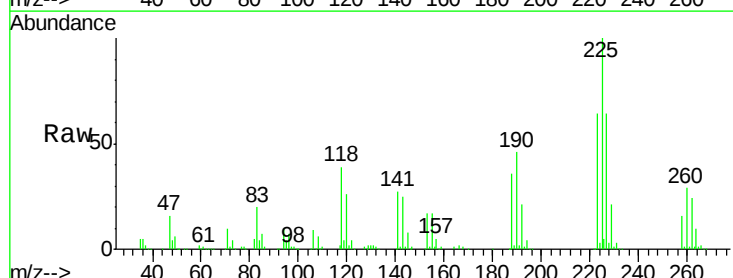
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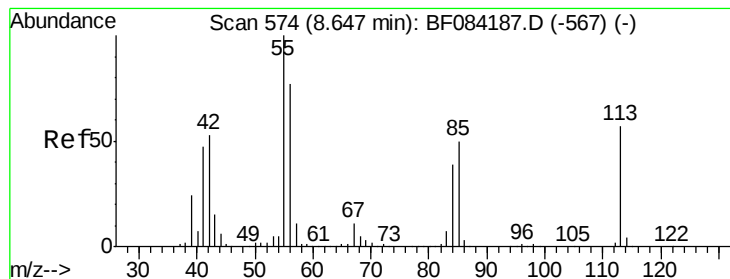
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#34
Hexachlorobutadiene
Concen: 39.57 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		389915		
223	64.1	49.4	74.0		
227	64.0	50.8	76.2		





#35

Caprolactam

Concen: 42.15 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 235932

Ion Ratio Lower Upper

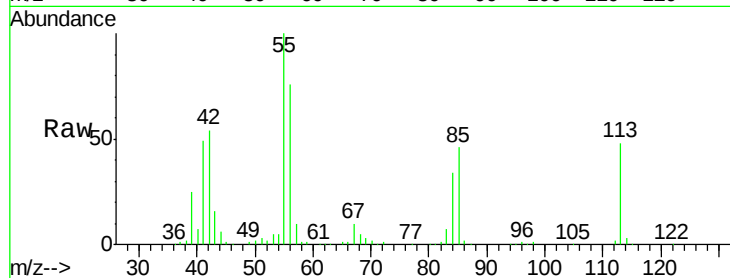
113 100

55 209.9 116.9 156.9#

56 159.6 93.8 133.8#

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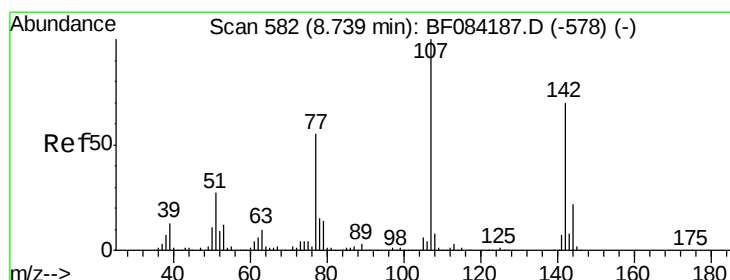
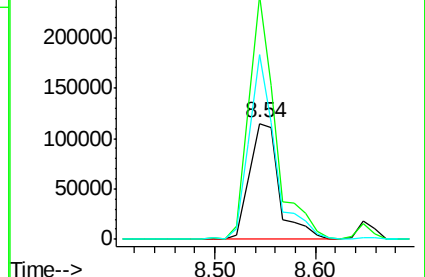
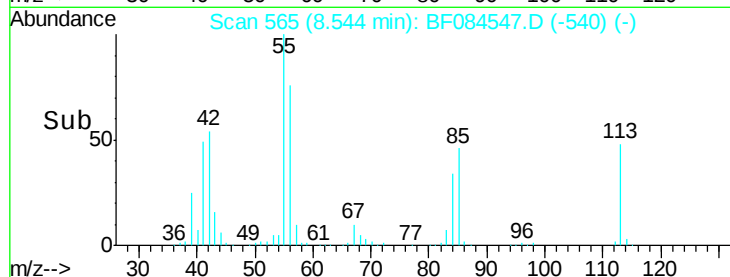
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.32 ng

RT: 8.65 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

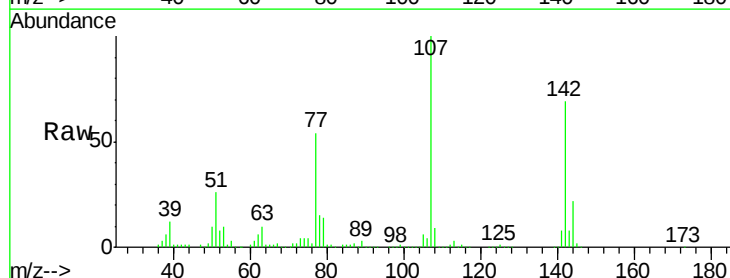
Tgt Ion:107 Resp: 712811

Ion Ratio Lower Upper

107 100

144 22.4 19.7 29.5

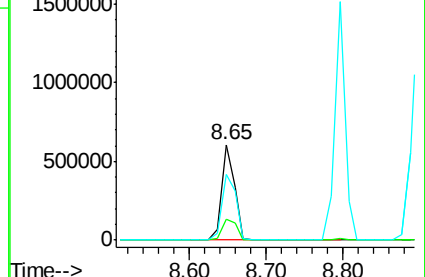
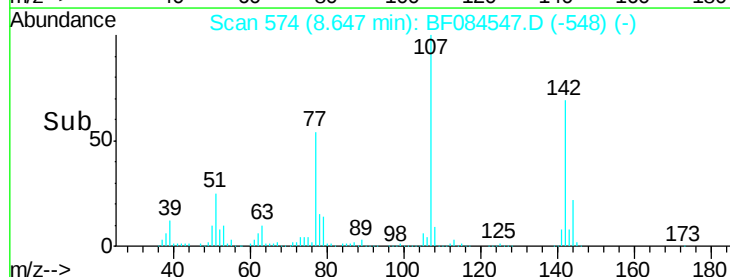
142 68.5 61.8 92.6

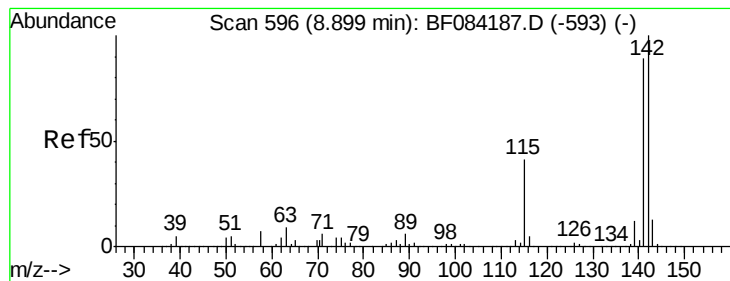


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





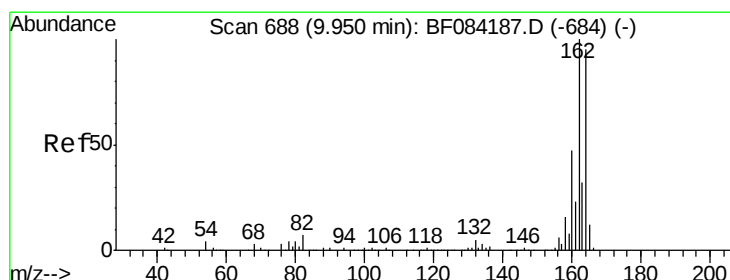
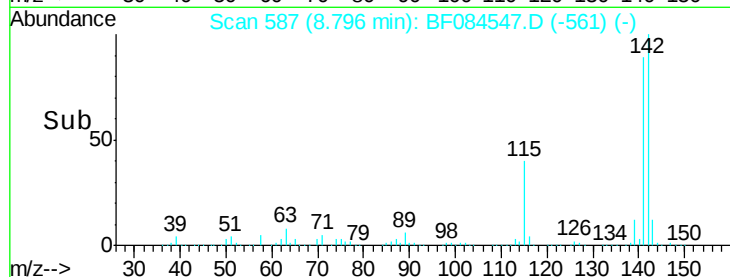
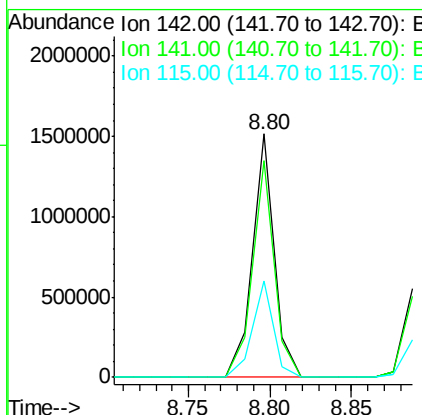
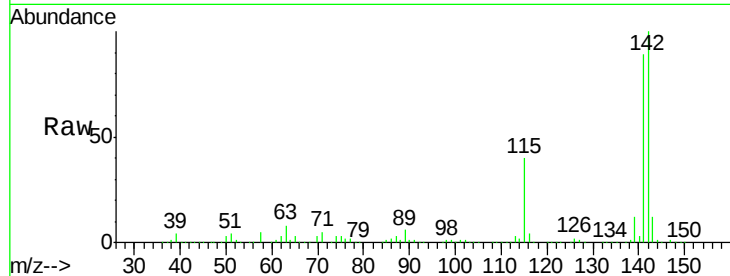
#37
2-Methylnaphthalene
Concen: 36.47 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 1410475
Ion Ratio Lower Upper
142 100
141 89.3 72.4 108.6
115 39.7 27.9 41.9

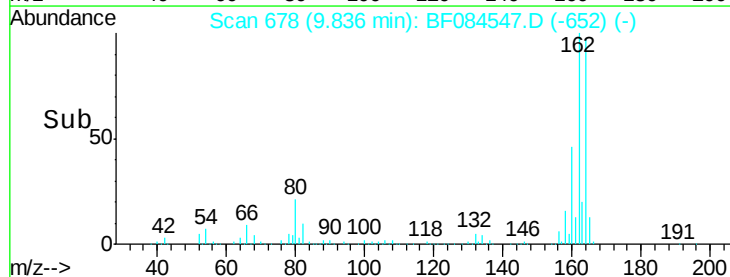
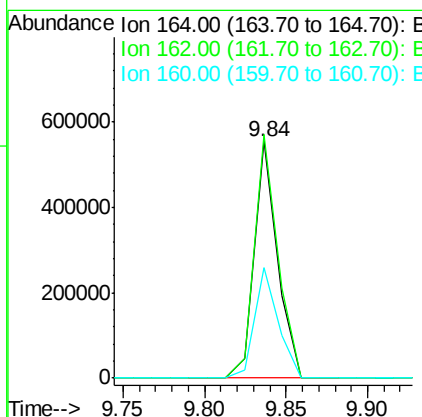
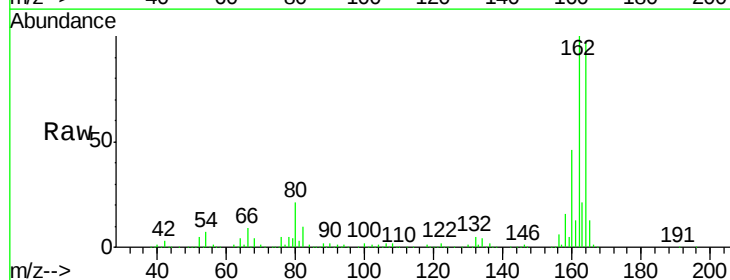
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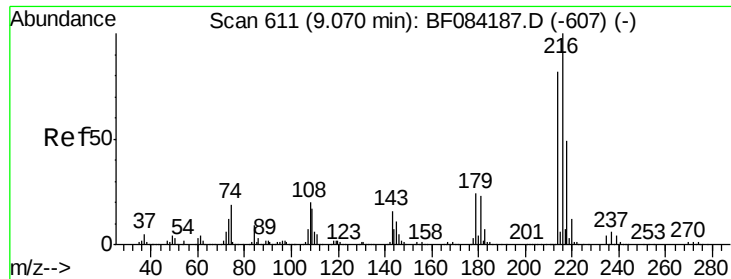
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion:164 Resp: 544009
Ion Ratio Lower Upper
164 100
162 102.8 85.1 127.7
160 46.8 37.5 56.3





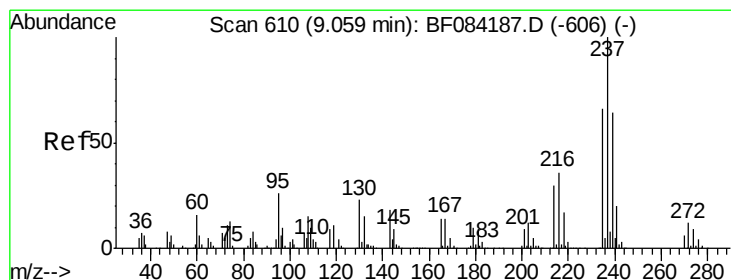
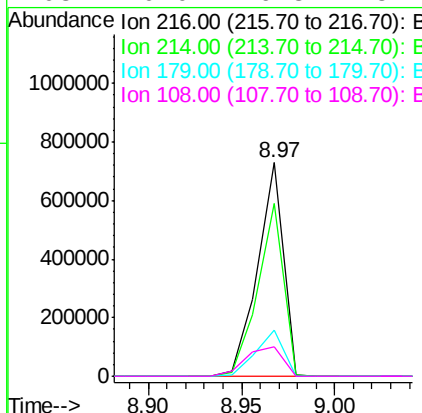
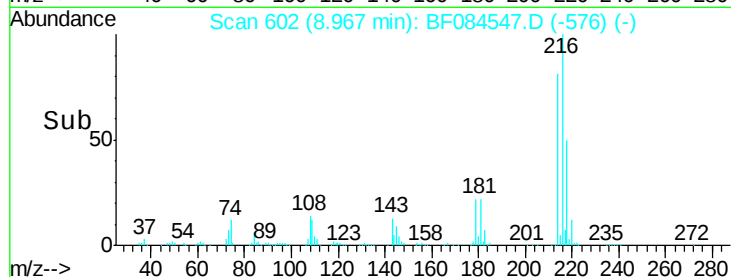
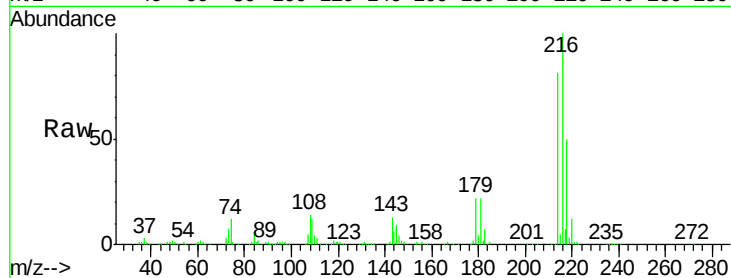
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.45 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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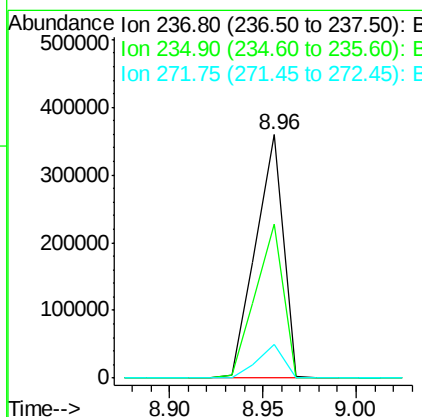
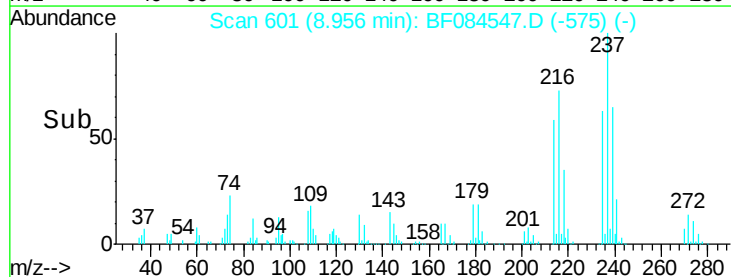
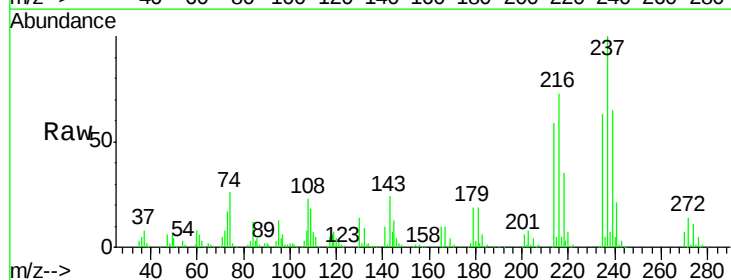
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		695146		
214	80.9		64.2	96.2	
179	23.0		18.7	28.1	
108	20.0		16.8	25.2	



#40
 Hexachlorocyclopentadiene
 Concen: 39.06 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		368773		
235	63.1		43.1	83.1	
272	14.0		0.0	35.1	





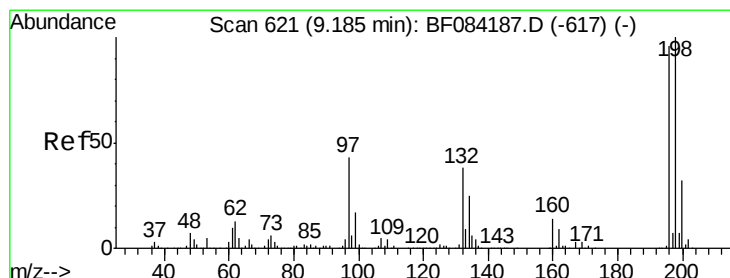
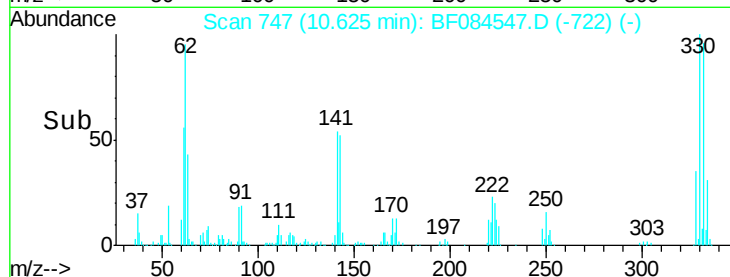
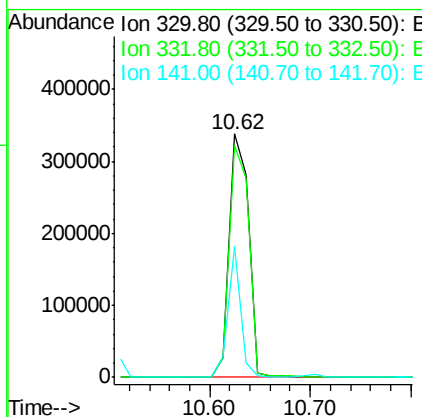
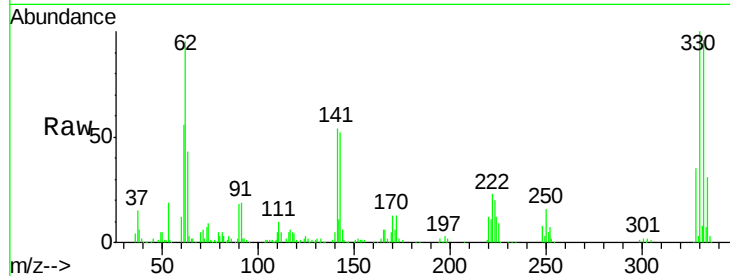
#41
 2,4,6-Tribromophenol
 Concen: 82.62 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	453788		
332	97.3		76.6	114.8
141	35.4		27.8	41.6

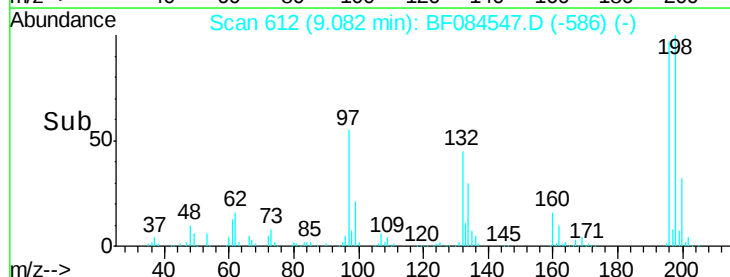
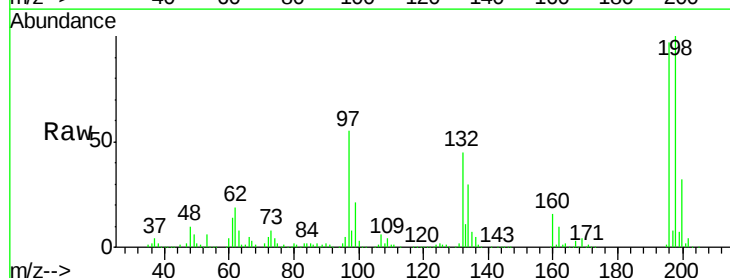
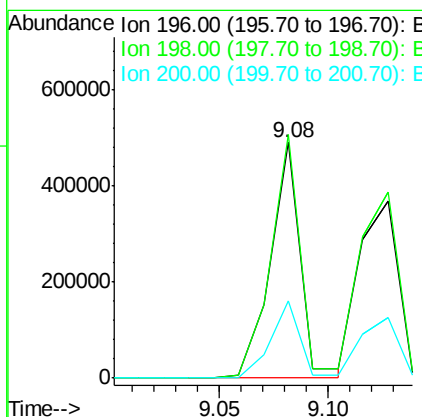
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#42
 2,4,6-Trichlorophenol
 Concen: 40.27 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	471190		
198	103.3		77.7	116.5
200	33.0		24.6	37.0





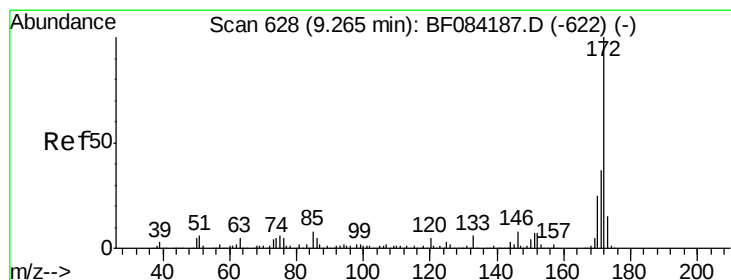
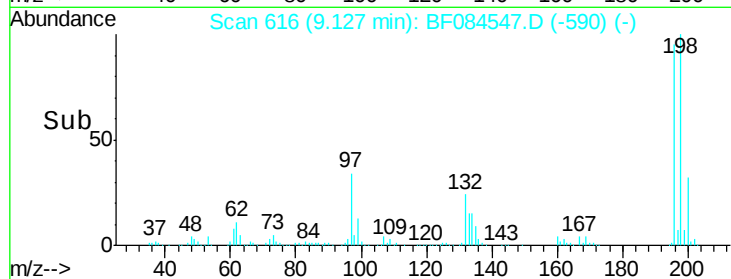
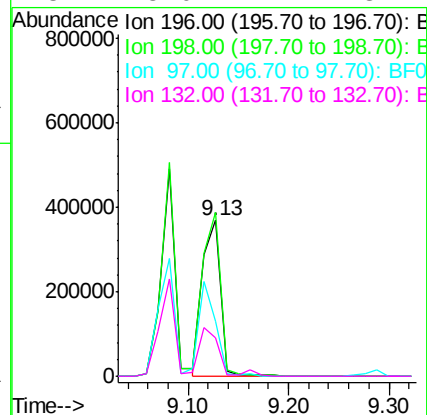
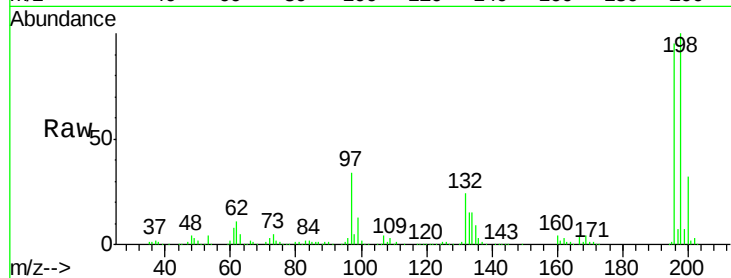
#43
 2,4,5-Trichlorophenol
 Concen: 41.66 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	196	Resp:	467241
Ion Ratio	Lower	Upper	
196	100		
198	105.0	79.0	118.6
97	35.2	33.0	49.6
132	25.0	21.1	31.7

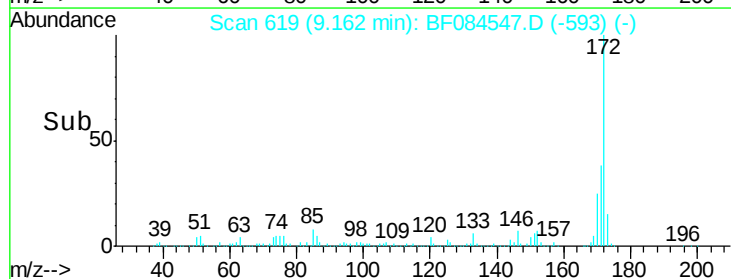
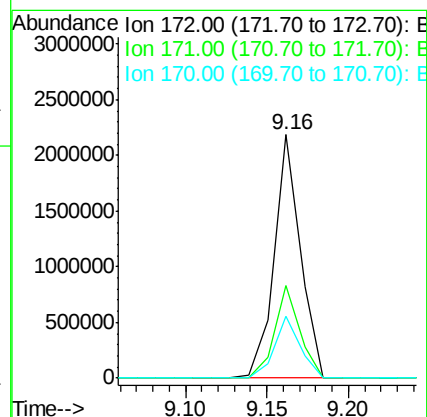
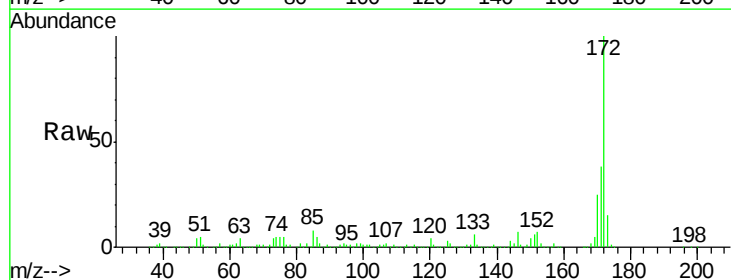
Manual Integrations
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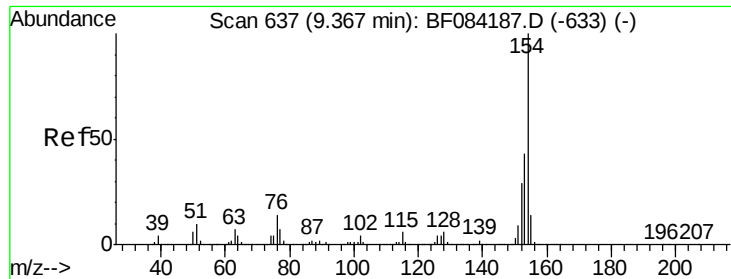
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#44
 2-Fluorobiphenyl
 Concen: 78.25 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Tgt Ion:	172	Resp:	2435359
Ion Ratio	Lower	Upper	
172	100		
171	37.9	28.9	43.3
170	25.5	18.6	27.8





#45
 1,1'-Biphenyl
 Concen: 41.49 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

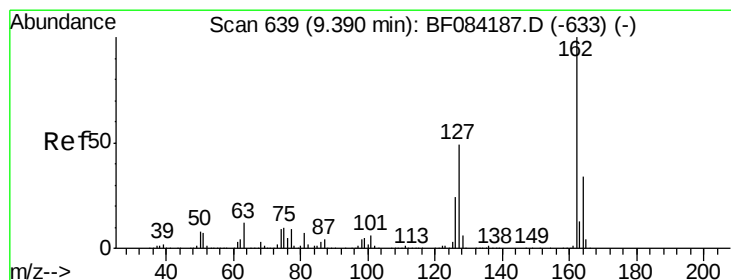
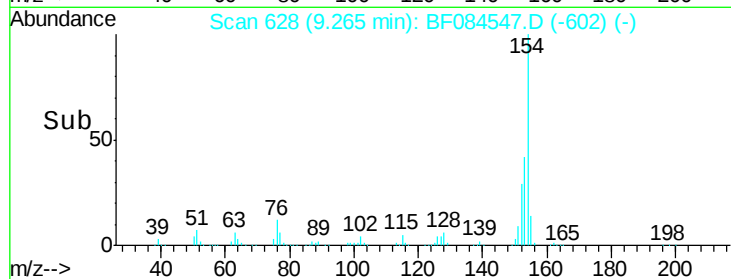
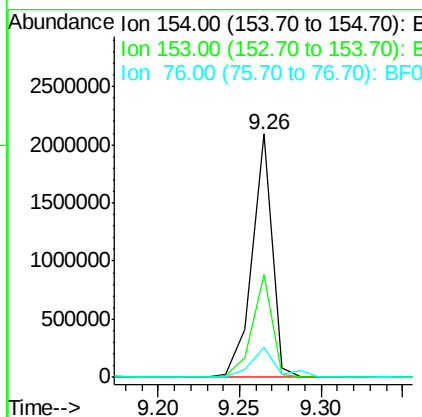
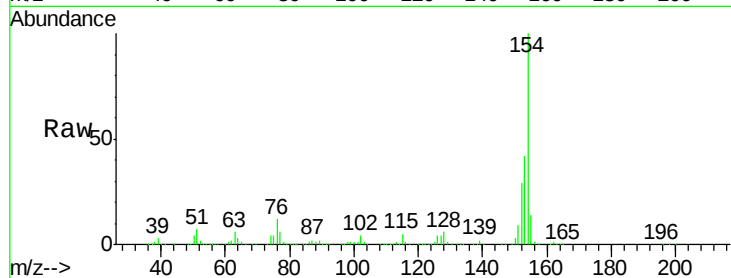
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:154 Resp: 1794043

Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.6	61.6
76	12.3	0.0	32.7

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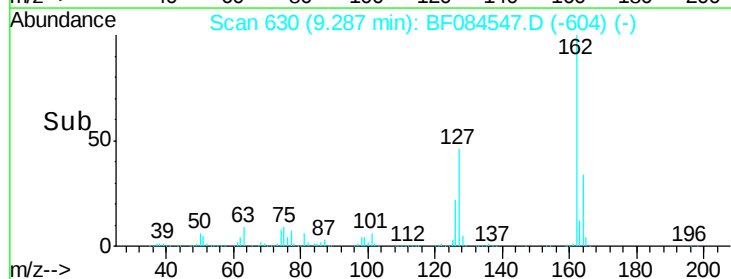
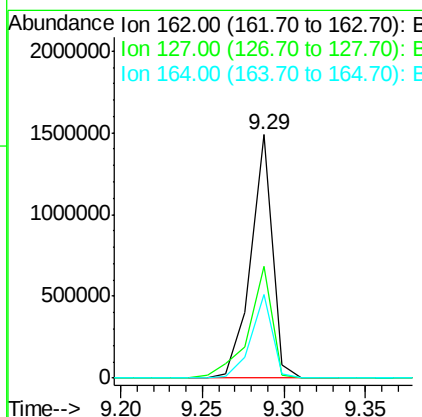
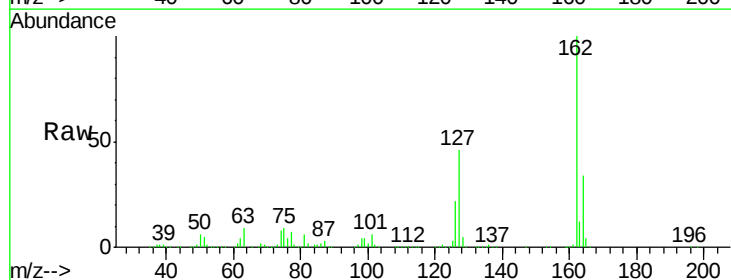
mohammad
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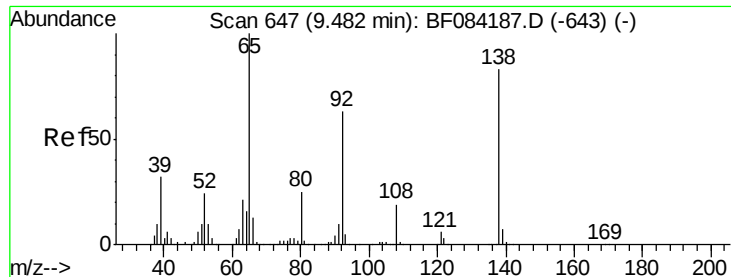


#46
 2-Chloronaphthalene
 Concen: 40.24 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Tgt Ion:162 Resp: 1366579

Ion	Ratio	Lower	Upper
162	100		
127	45.7	40.2	60.4
164	34.4	25.7	38.5





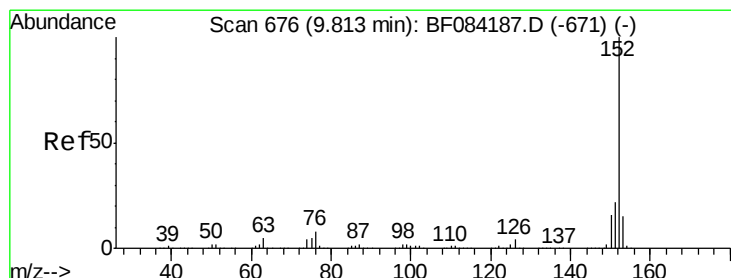
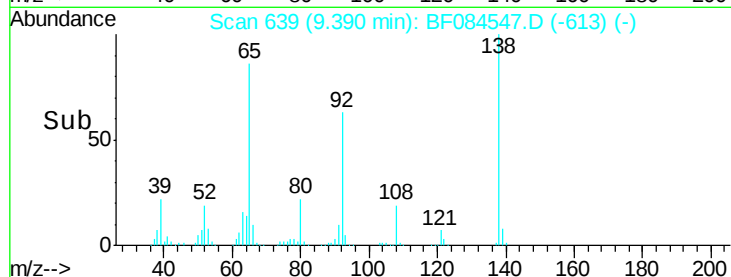
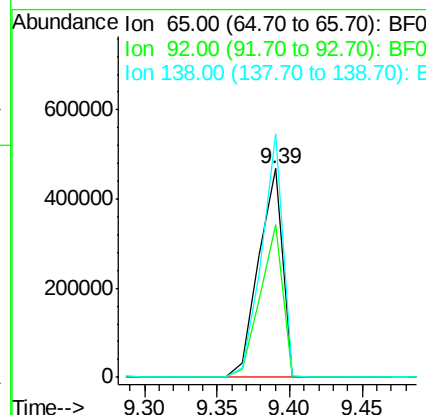
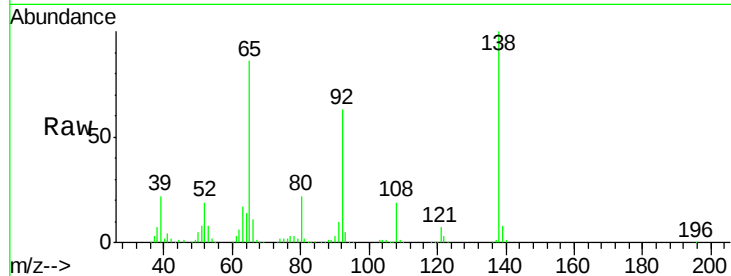
#47
2-Nitroaniline
Concen: 47.51 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.2	53.4	80.2
138	116.5	71.1	106.7

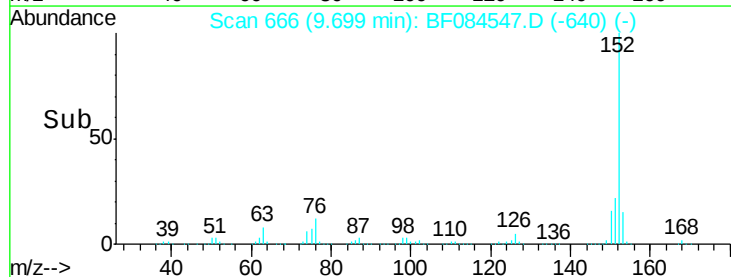
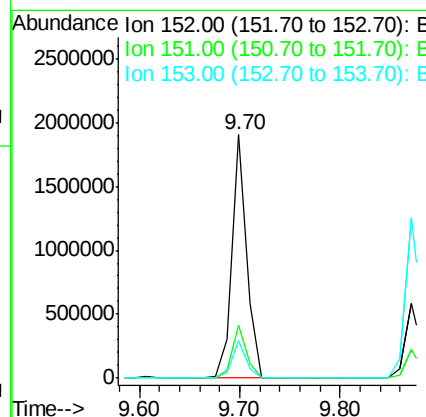
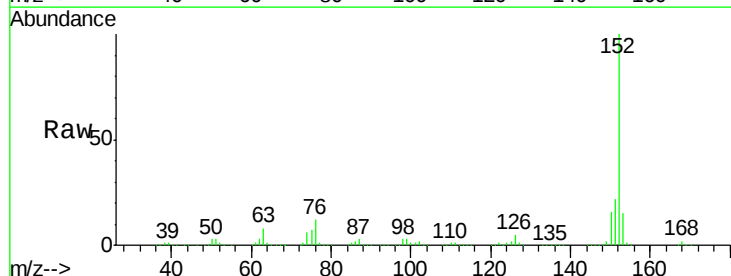
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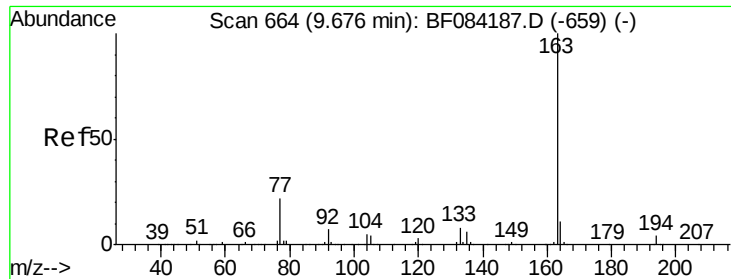
mohammad
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#48
Acenaphthylene
Concen: 38.43 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.3	24.5
153	15.3	10.4	15.6





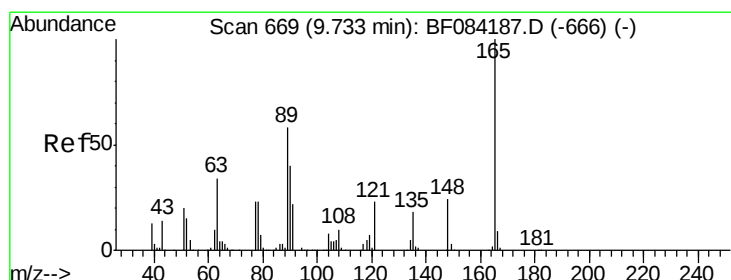
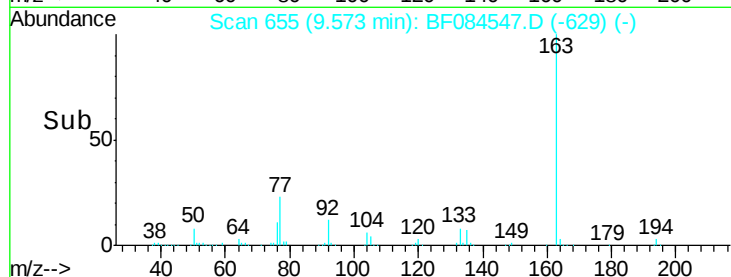
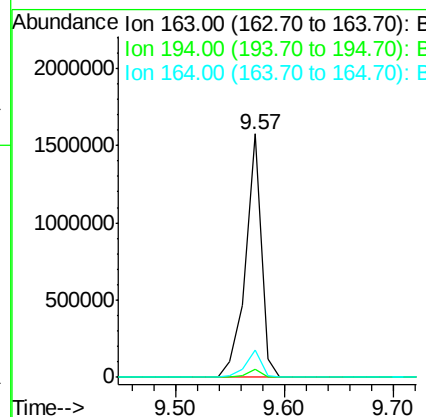
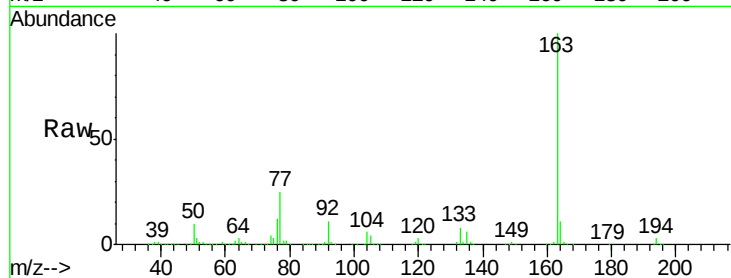
#49
Dimethylphthalate
Concen: 39.95 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	11.0	8.0	12.0

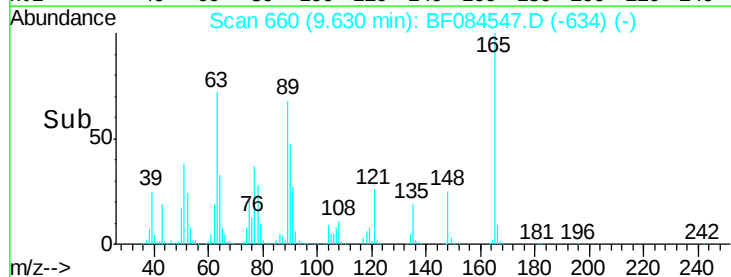
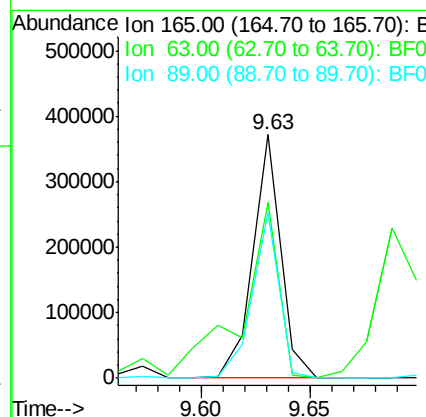
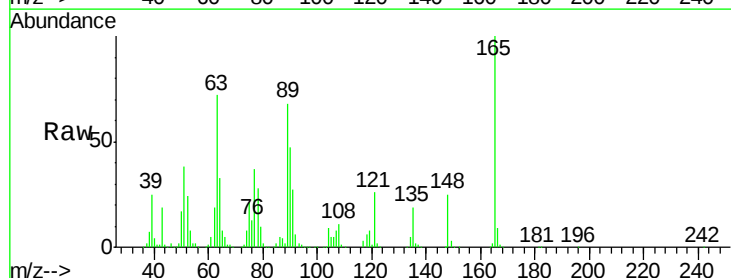
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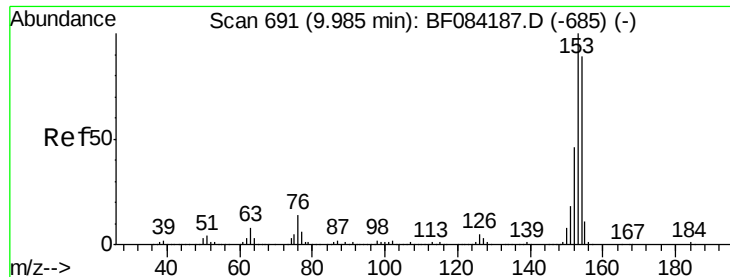
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#50
2,6-Dinitrotoluene
Concen: 38.73 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.2	28.8	43.2#
89	67.8	35.1	52.7#





#51

Acenaphthene

Concen: 40.89 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1376350

Ion Ratio Lower Upper

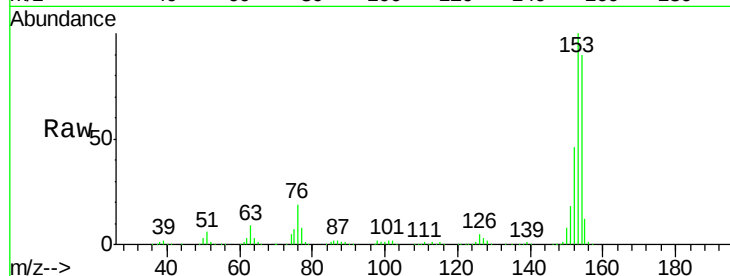
154 100

153 111.6 91.5 137.3

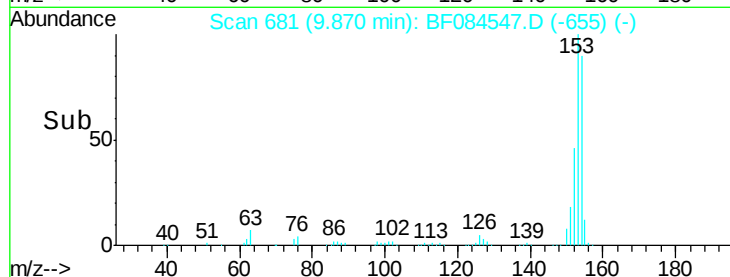
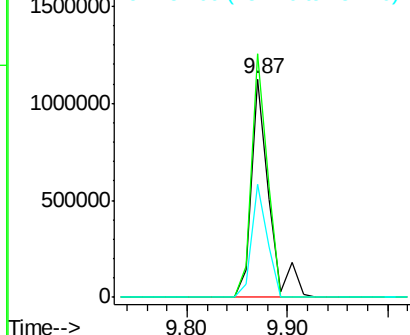
152 51.8 43.0 64.6

Manual Integrations
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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: 41.28 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

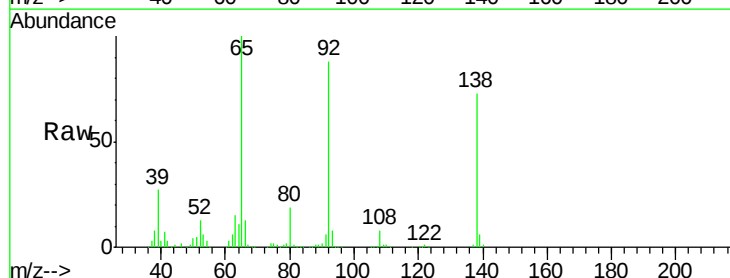
Tgt Ion:138 Resp: 436325

Ion Ratio Lower Upper

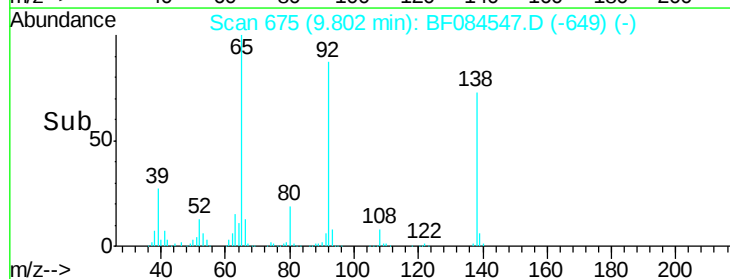
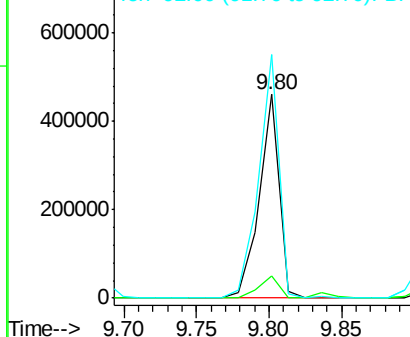
138 100

108 10.9 10.5 15.7

92 119.7 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





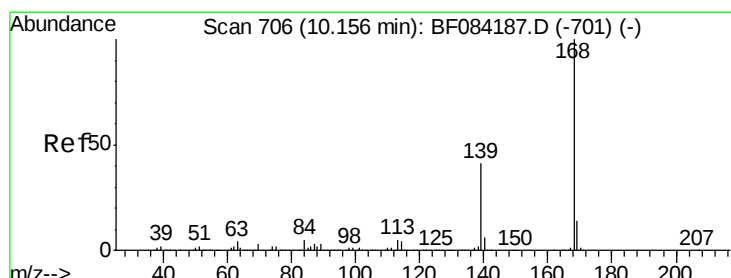
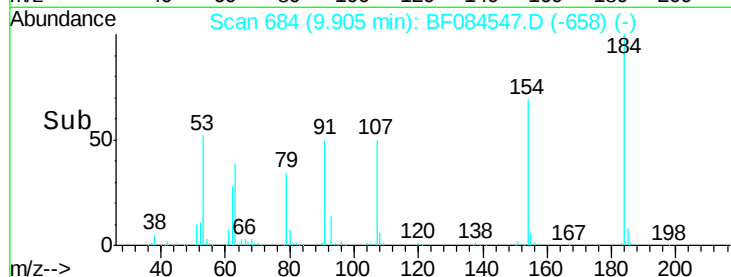
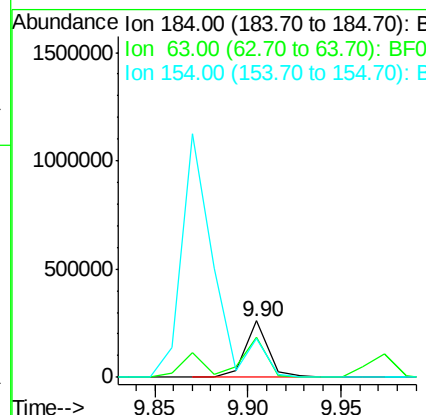
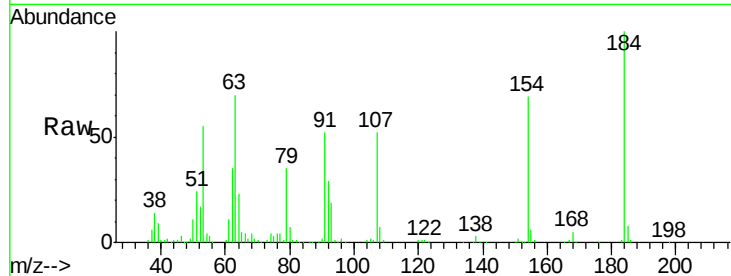
#53
2,4-Dinitrophenol
Concen: 63.04 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100	226195		
63	70.1	43.1	64.7#	
154	69.2	60.5	90.7	

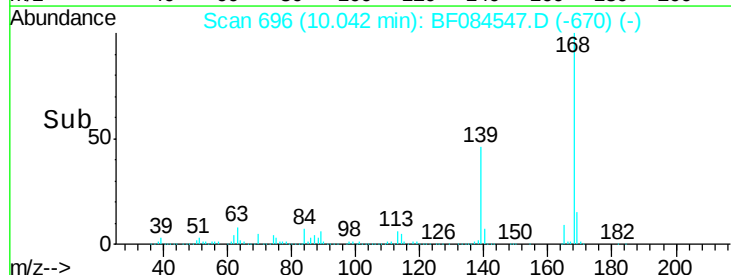
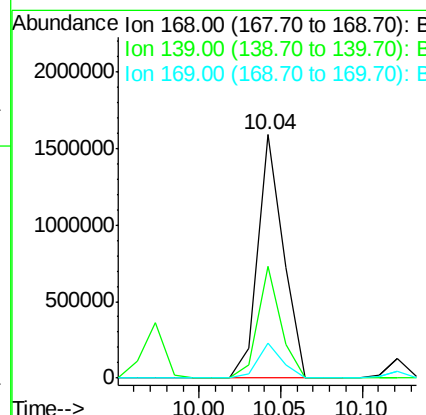
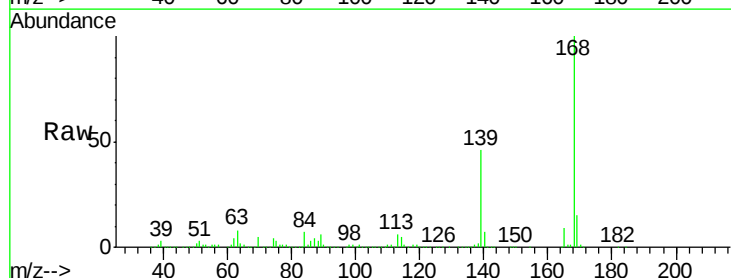
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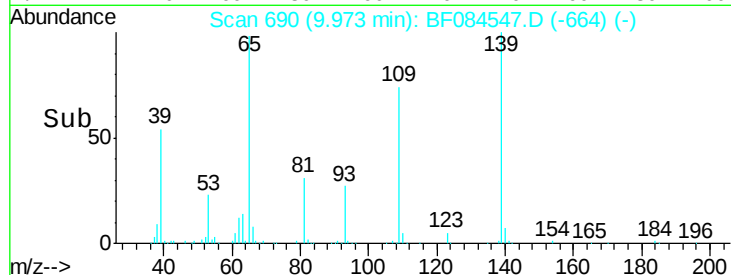
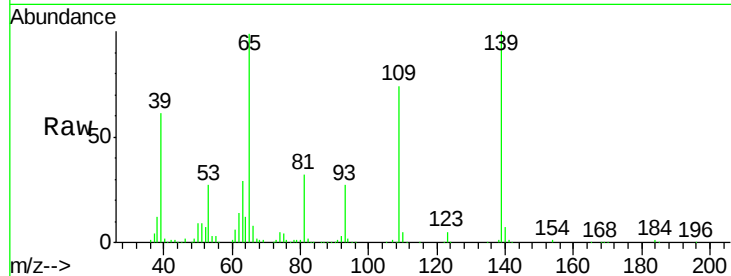
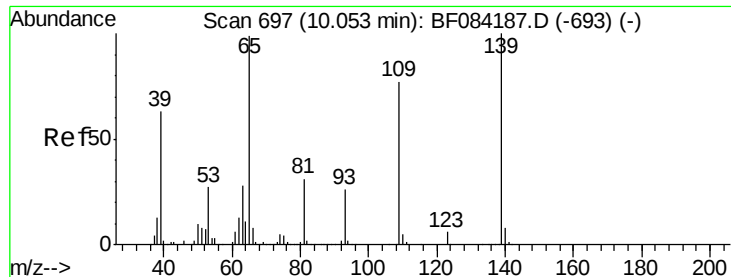
mohammad
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#54
Dibenzofuran
Concen: 39.07 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1720078		
139	45.9	30.5	45.7#	
169	14.5	10.4	15.6	





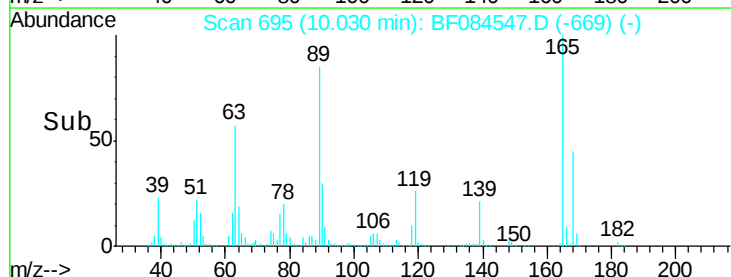
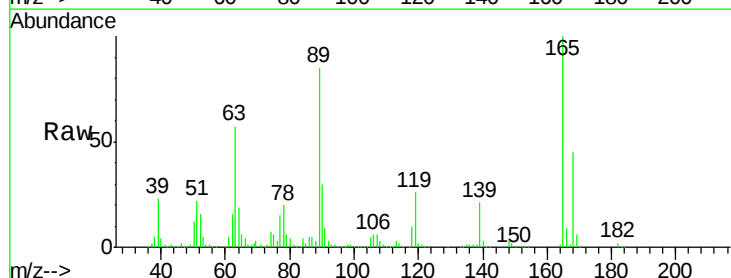
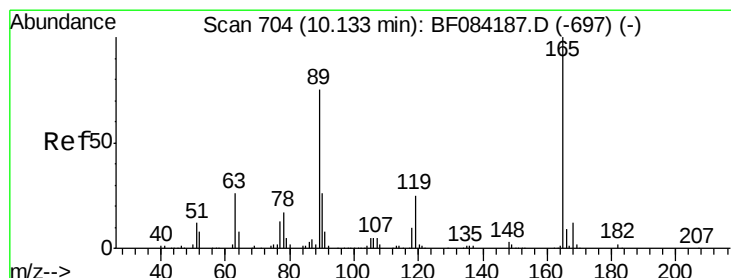
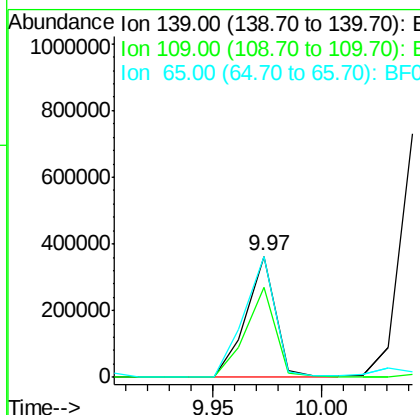
#55
4-Nitrophenol
Concen: 45.44 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.5	58.5	98.5	
65	99.1	57.6	97.6	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

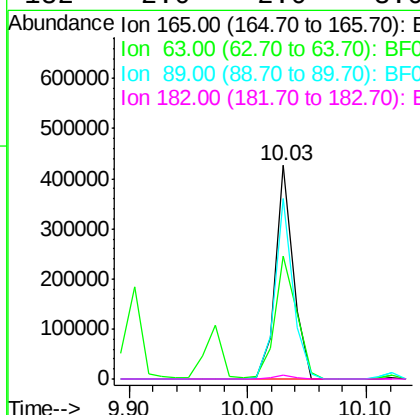
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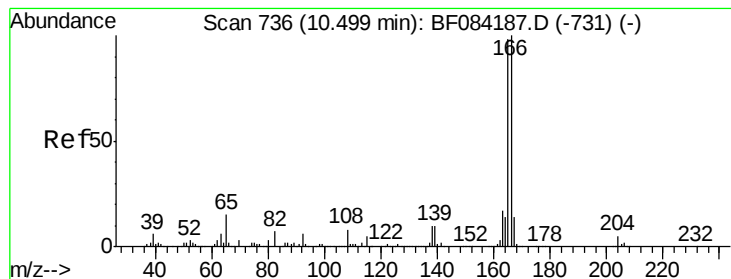
mohammad
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#56
2,4-Dinitrotoluene
Concen: 41.13 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.4	36.7	55.1	
89	84.8	61.9	92.9	
182	2.0	2.0	3.0	





#57

Fluorene

Concen: 37.44 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1275450

Ion Ratio Lower Upper

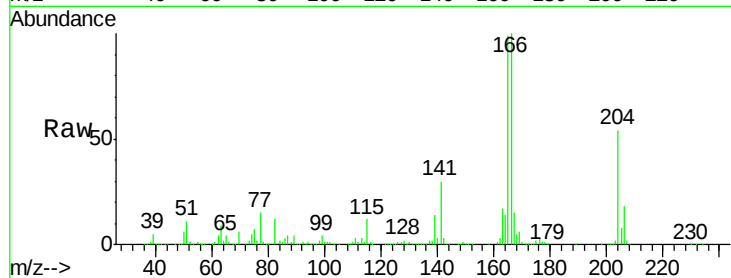
166 100

165 98.7 79.1 118.7

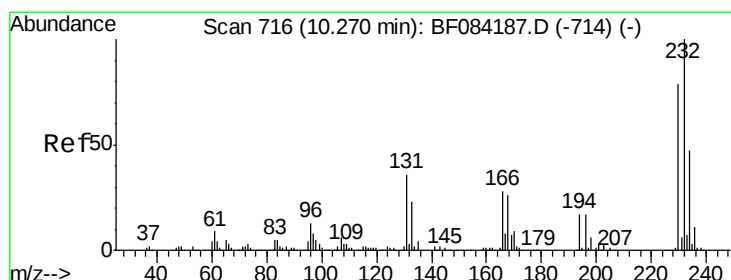
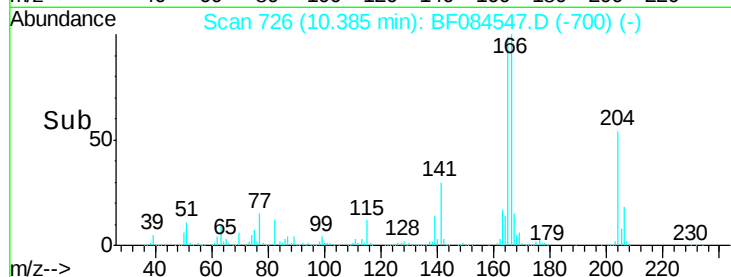
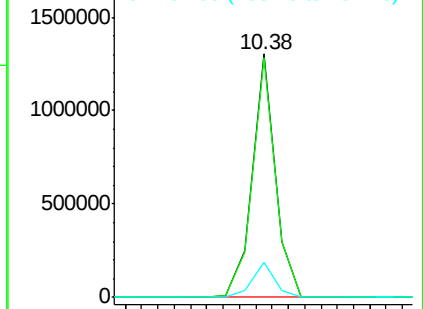
167 14.5 10.4 15.6

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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: 43.54 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Tgt Ion:232 Resp: 416924

Ion Ratio Lower Upper

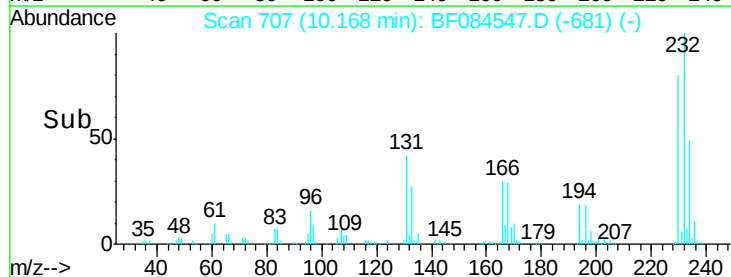
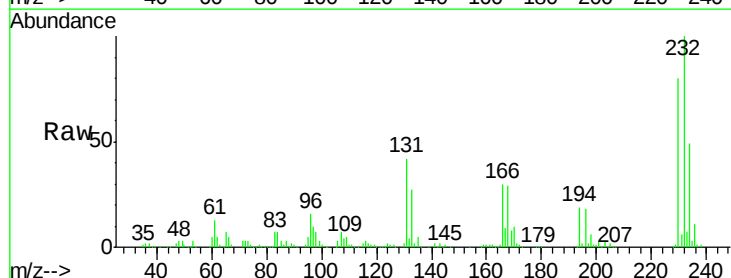
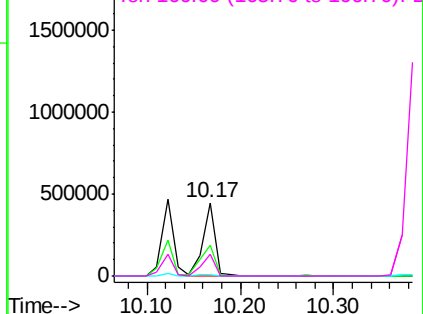
232 100

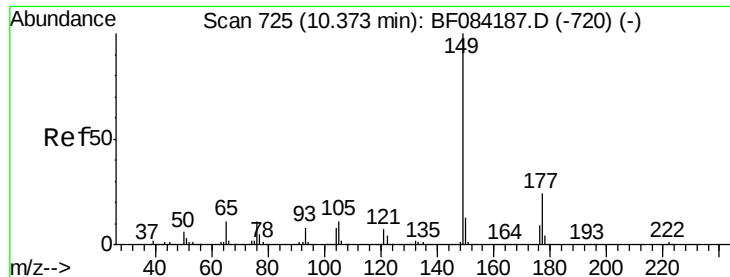
131 49.2 47.0 70.6

130 2.4 2.0 3.0

166 32.2 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





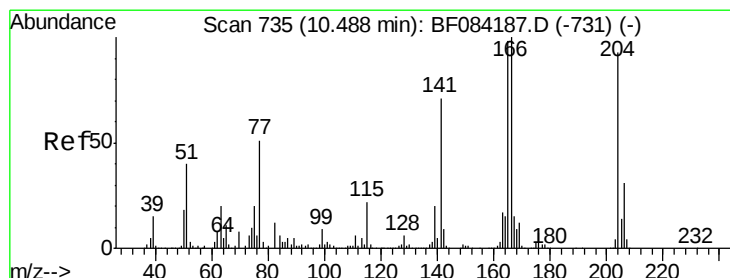
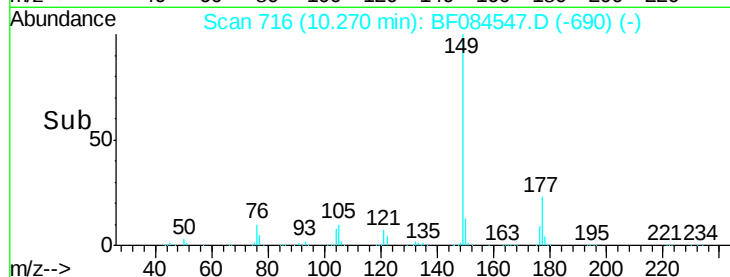
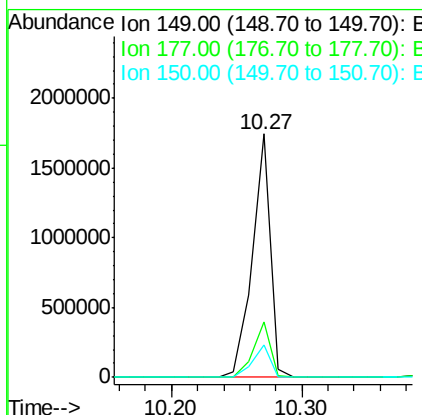
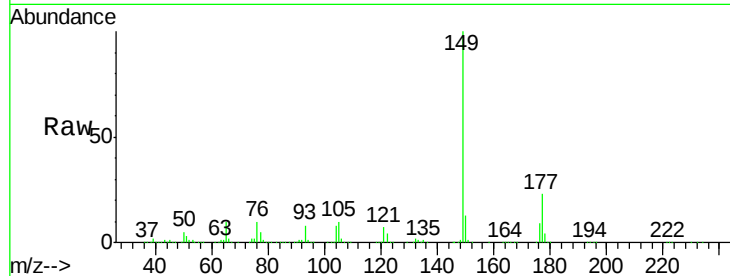
#59
Diethylphthalate
Concen: 43.59 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 1671340
Ion Ratio Lower Upper
149 100
177 22.9 17.3 25.9
150 13.3 9.8 14.8

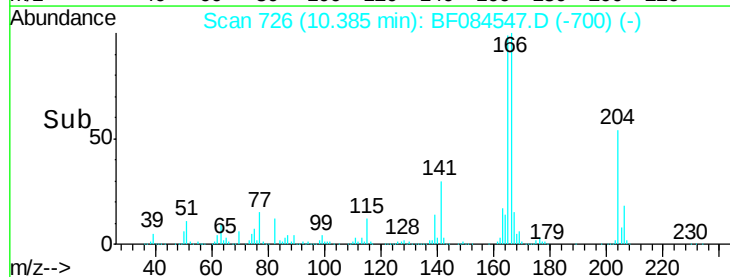
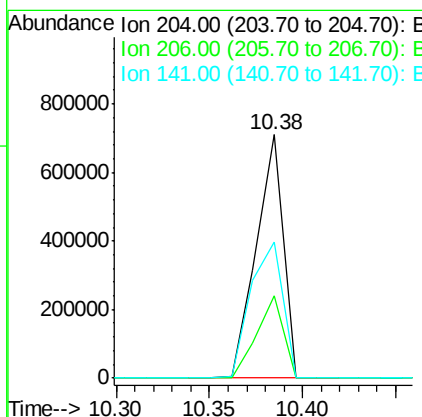
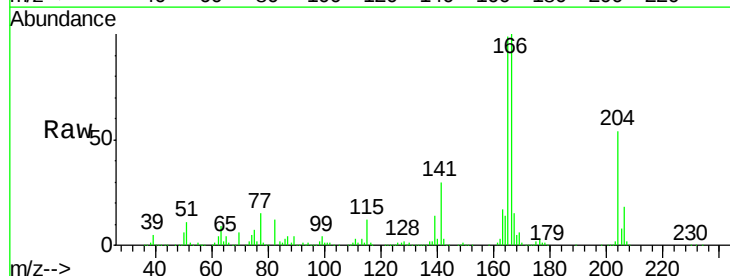
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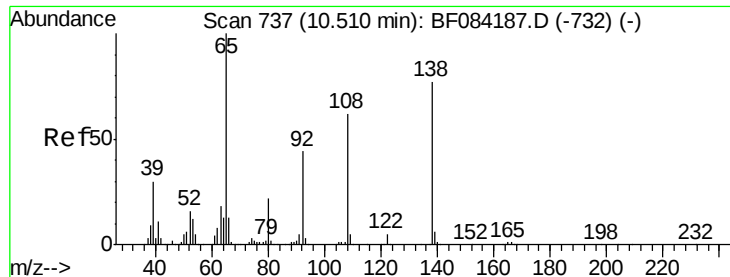
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 50.87 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion:204 Resp: 708759
Ion Ratio Lower Upper
204 100
206 33.6 25.7 38.5
141 55.7 55.1 82.7





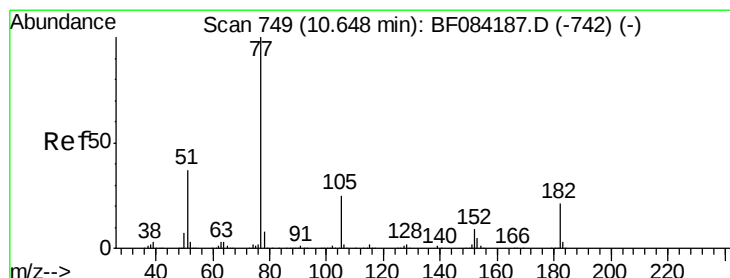
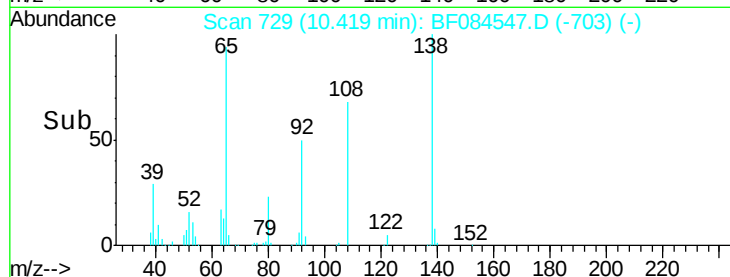
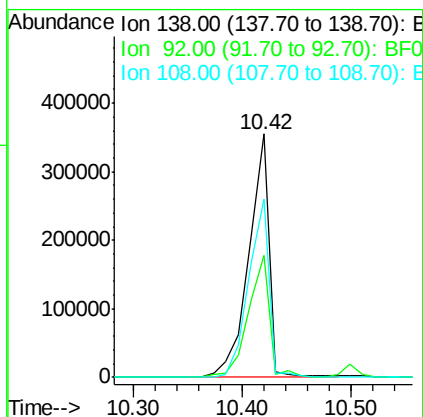
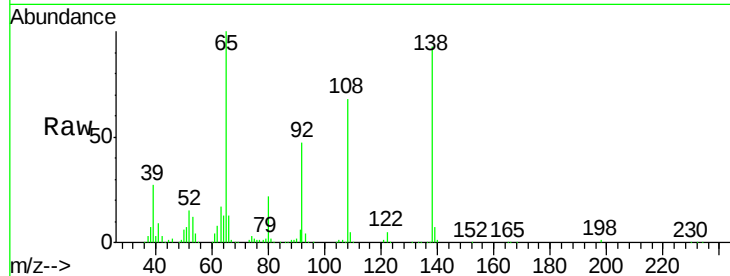
#61
4-Nitroaniline
Concen: 48.83 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.9	32.6	72.6
108	73.4	68.6	108.6

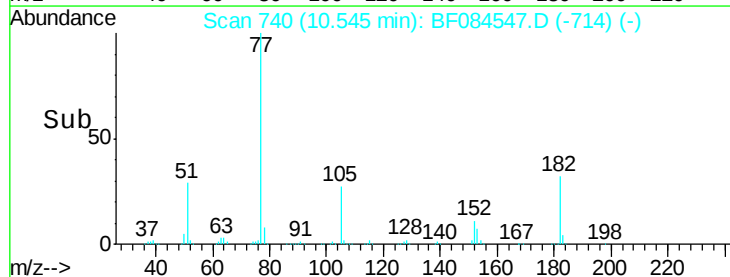
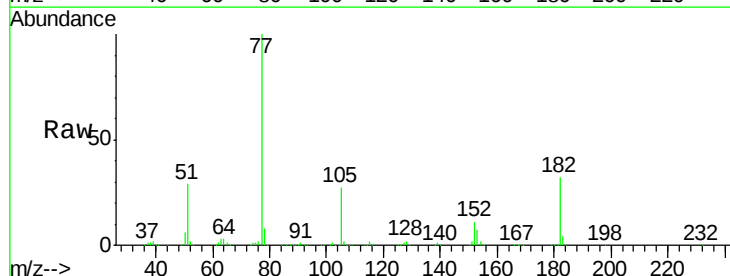
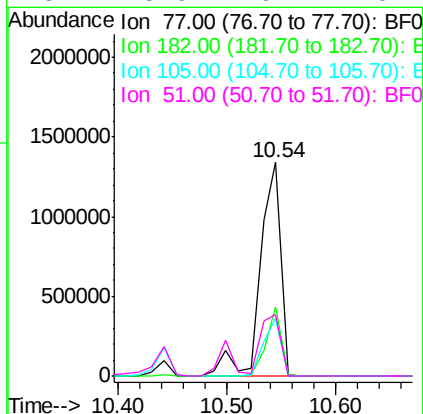
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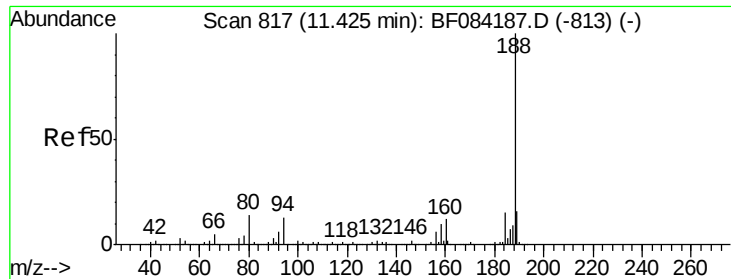
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#62
Azobenzene
Concen: 42.34 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.1	8.3	48.3
105	26.8	4.6	44.6
51	28.9	6.2	46.2





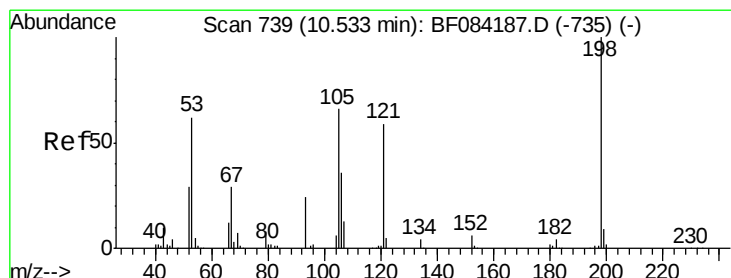
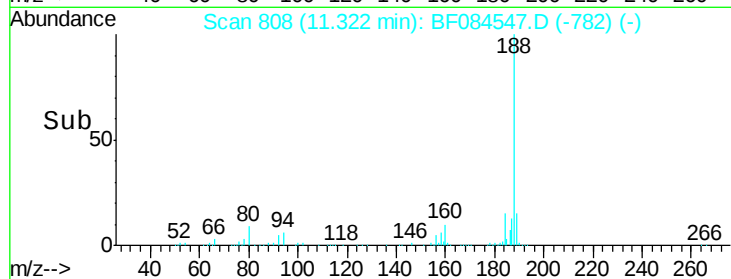
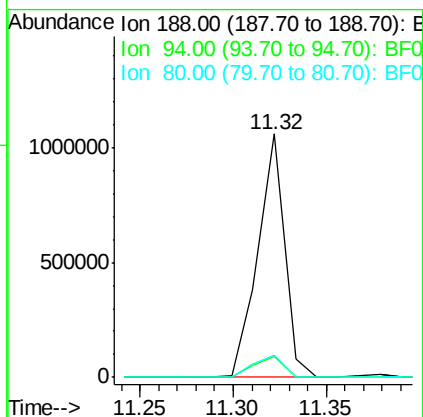
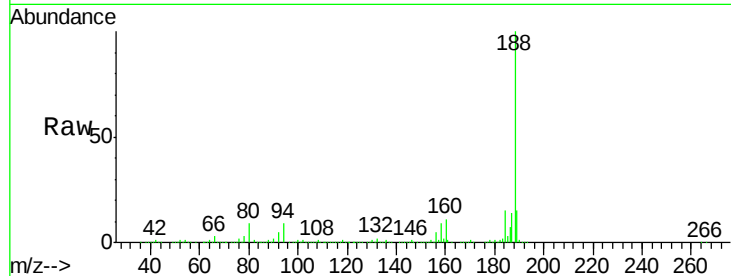
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.0	9.6	14.4#

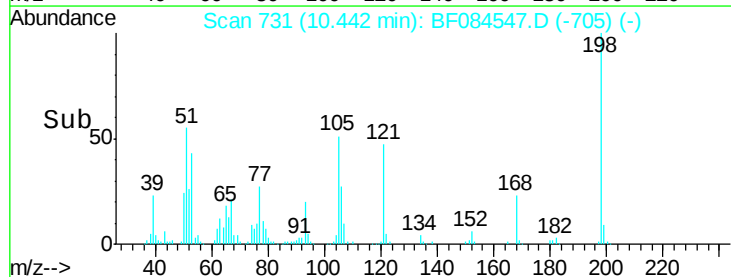
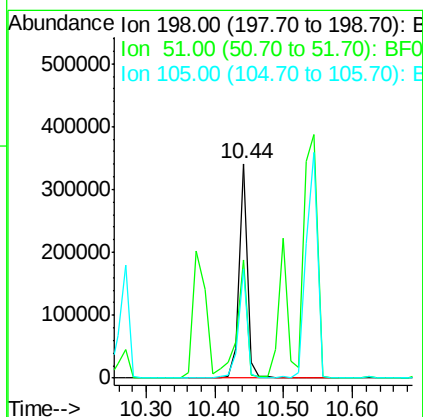
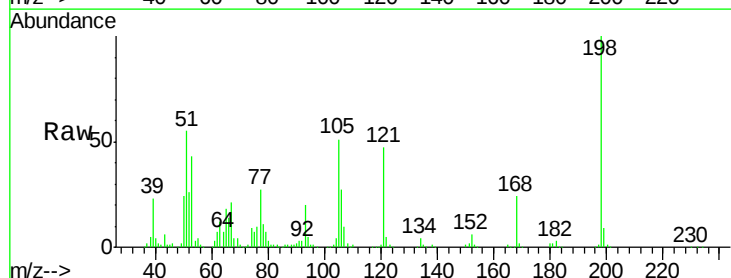
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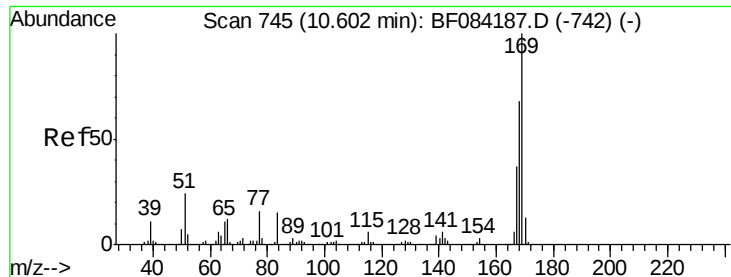
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.79 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.9	18.9	58.9
105	50.9	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 37.11 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 1248296

Ion Ratio Lower Upper

169 100

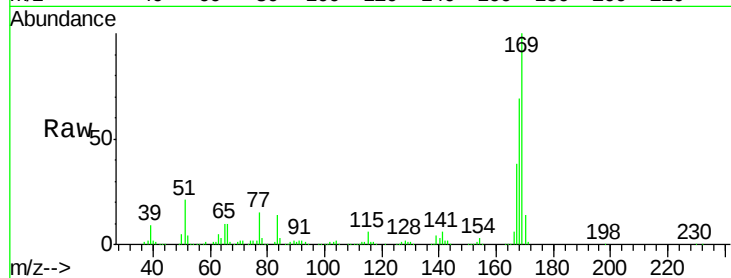
168 68.6 55.1 82.7

167 38.3 30.0 45.0

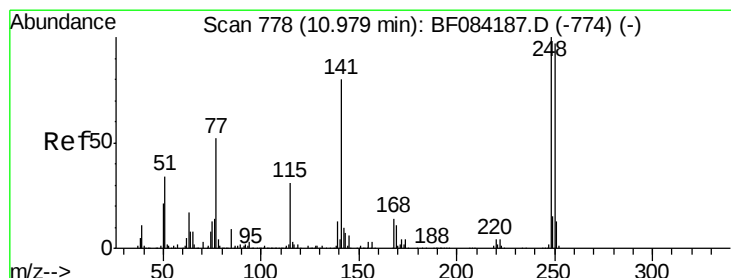
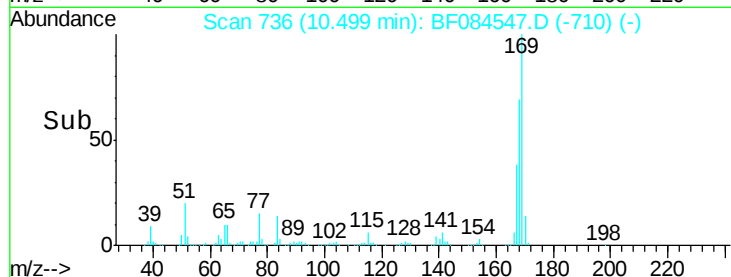
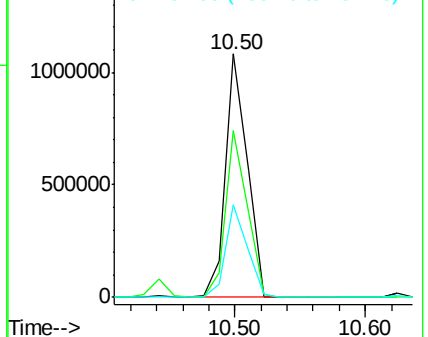
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.26 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

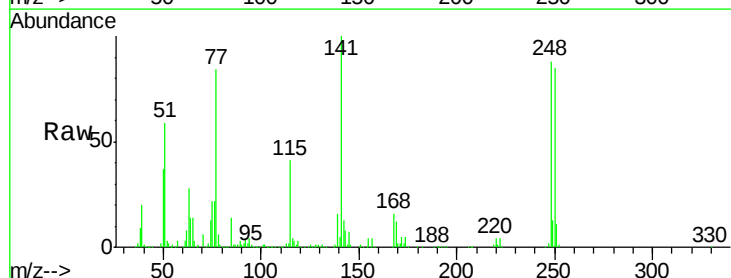
Tgt Ion:248 Resp: 433296

Ion Ratio Lower Upper

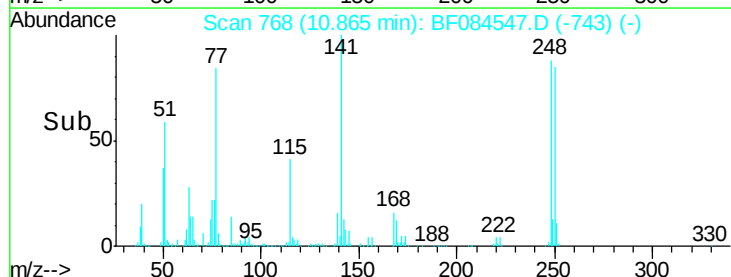
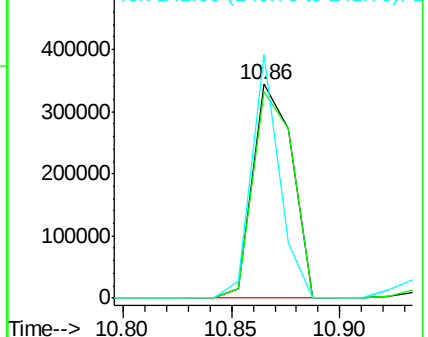
248 100

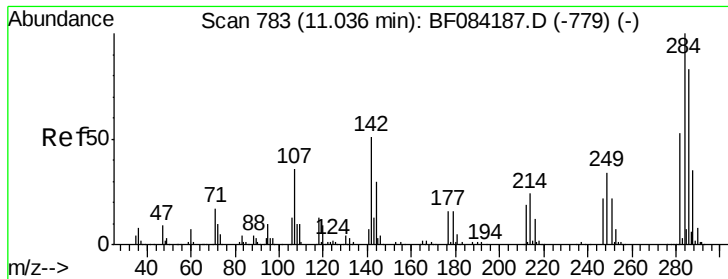
250 96.5 78.4 117.6

141 114.0 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





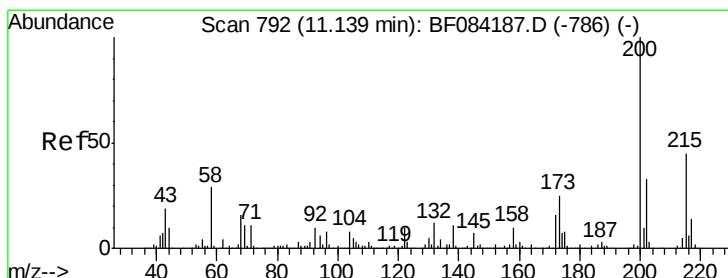
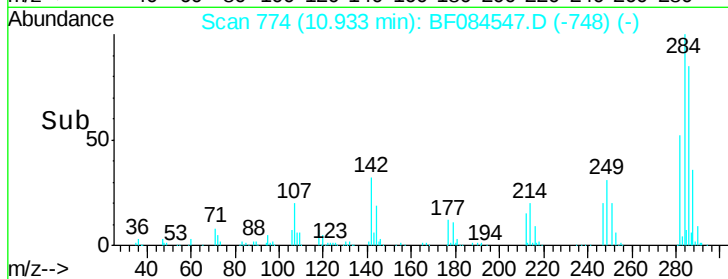
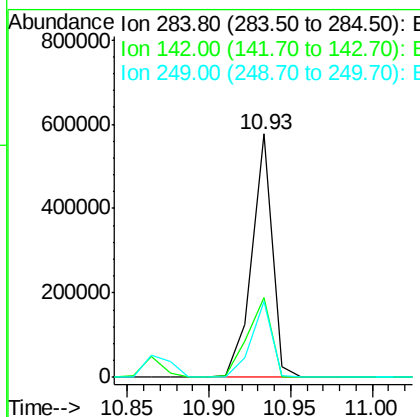
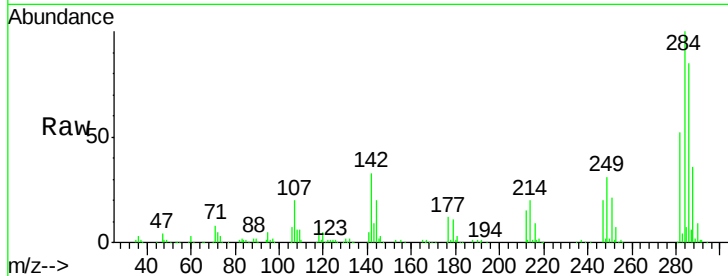
#67
Hexachlorobenzene
Concen: 39.36 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	501731		
142	32.9		22.2	33.4
249	31.4		24.6	37.0

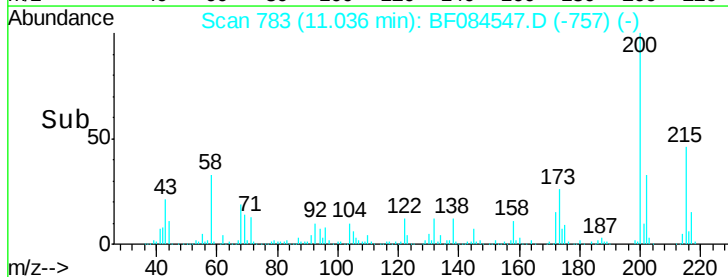
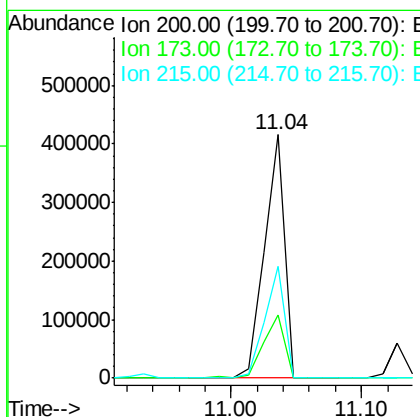
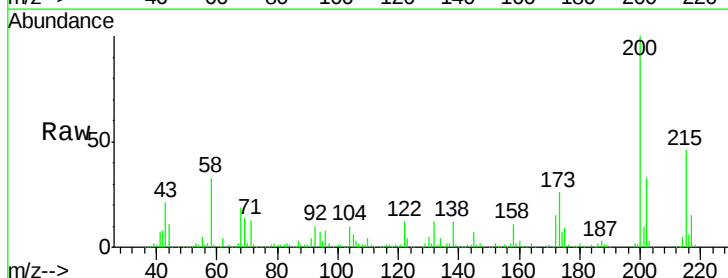
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#68
Atrazine
Concen: 40.59 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	446843		
173	25.7		9.5	49.5
215	46.0		23.8	63.8





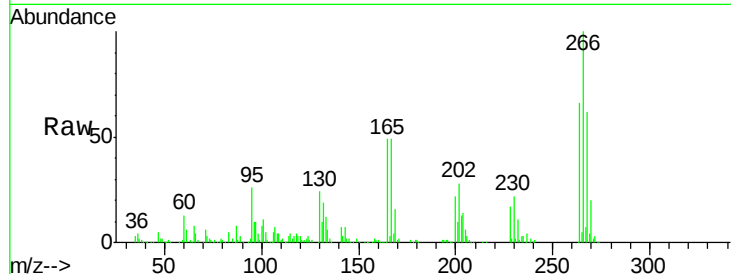
#69
 Pentachlorophenol
 Concen: 39.39 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

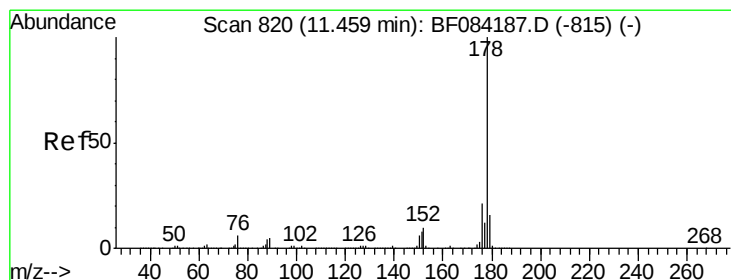
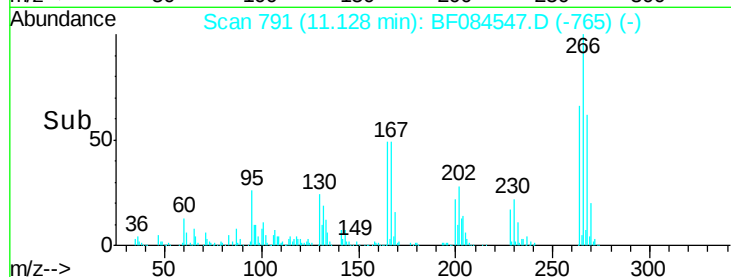
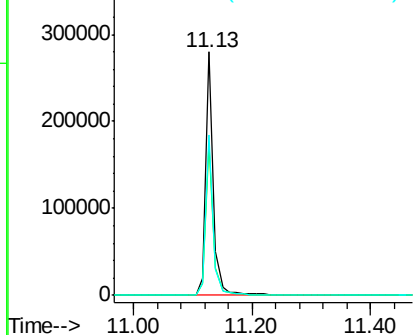
Tot Ion	Ratio	Resp	Lower	Upper
266	100	260311		
268	62.0		52.4	78.6
264	65.7		50.2	75.2

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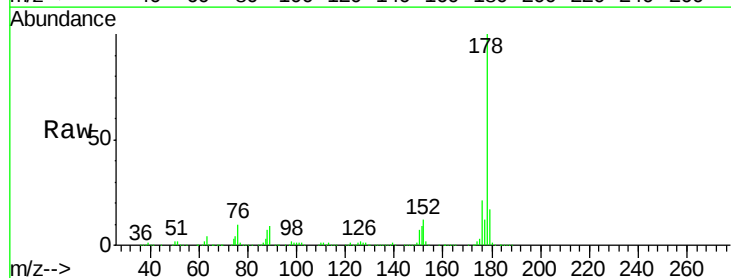


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

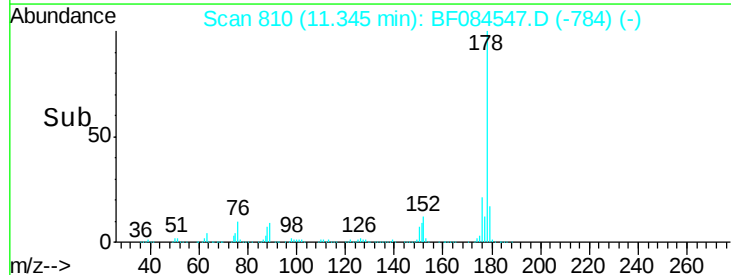
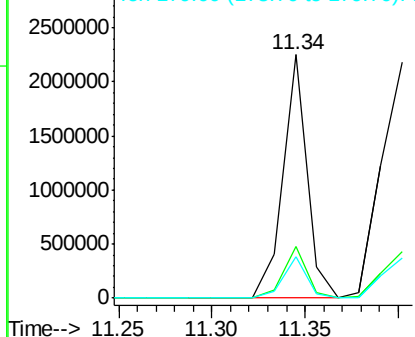


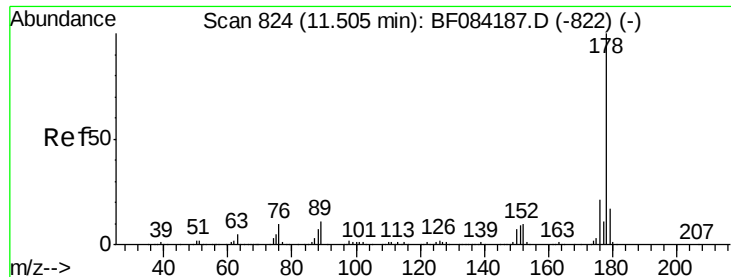
#70
 Phenanthrene
 Concen: 36.82 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2026310		
176	21.2		15.3	22.9
179	17.0		12.0	18.0



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





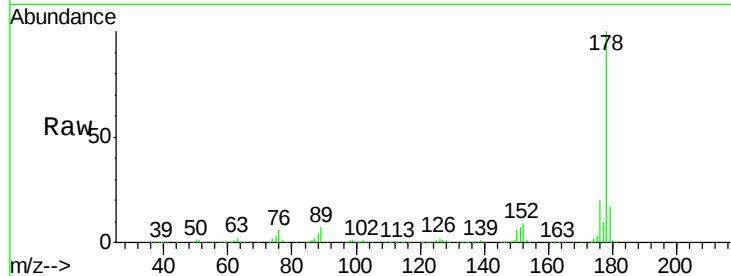
#71
 Anthracene
 Concen: 44.44 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

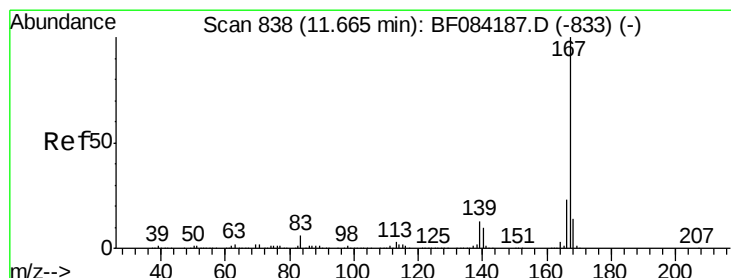
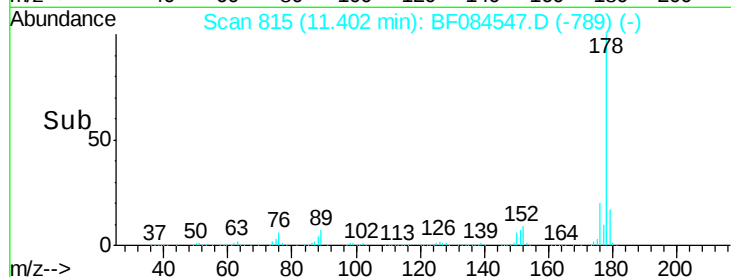
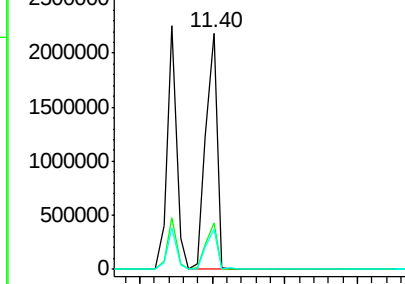
Tot Ion:178 Resp: 2397546
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.0
 179 16.8 12.5 18.7

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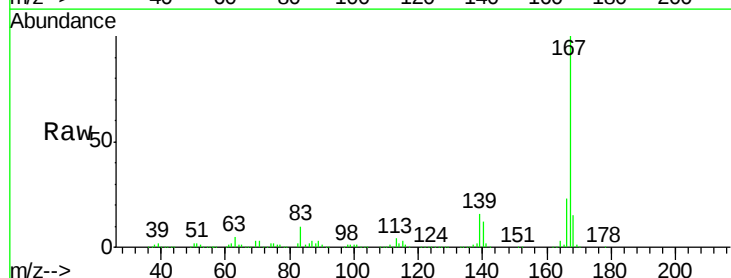


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

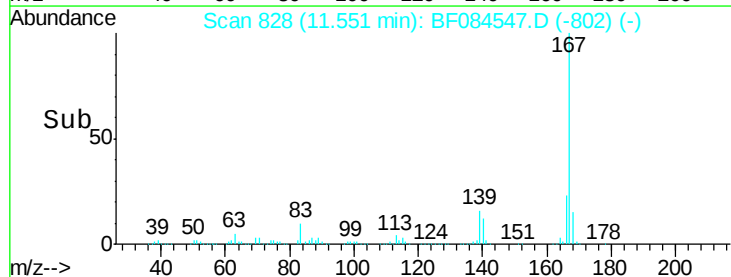
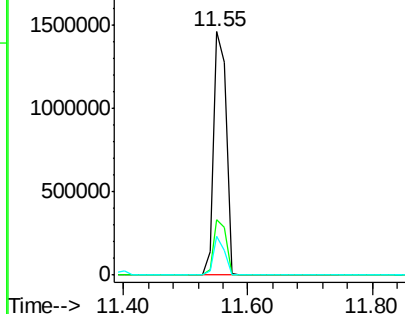


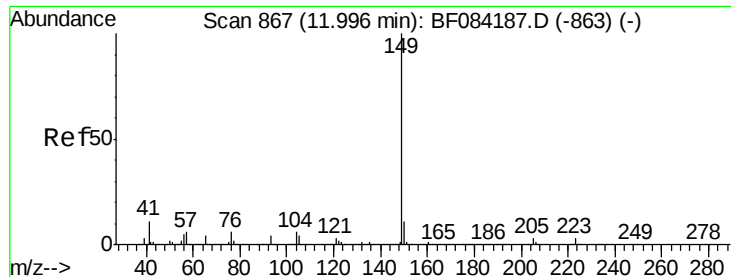
#72
 Carbazole
 Concen: 37.93 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Tgt Ion:167 Resp: 2000387
 Ion Ratio Lower Upper
 167 100
 166 22.9 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: 45.54 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 2545029

Ion Ratio Lower Upper

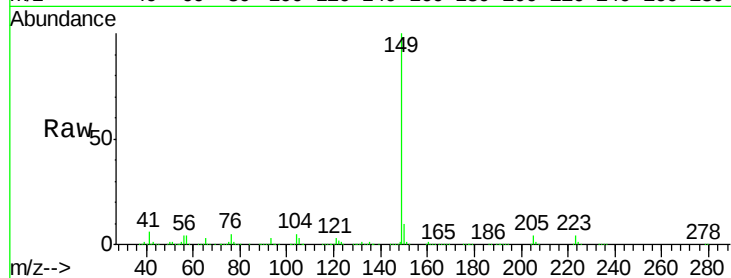
149 100

150 10.2 7.1 10.7

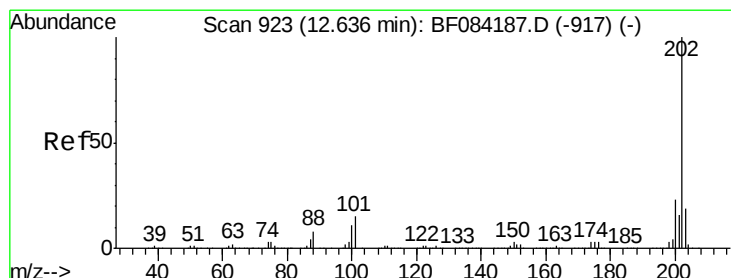
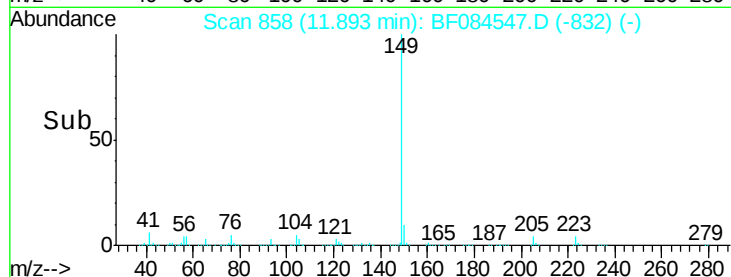
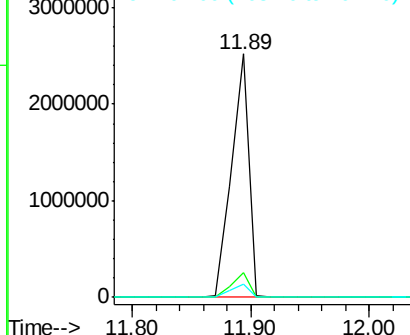
104 5.2 3.2 4.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.16 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

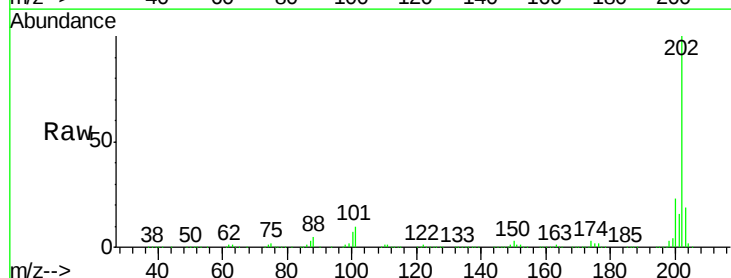
Tgt Ion:202 Resp: 2366230

Ion Ratio Lower Upper

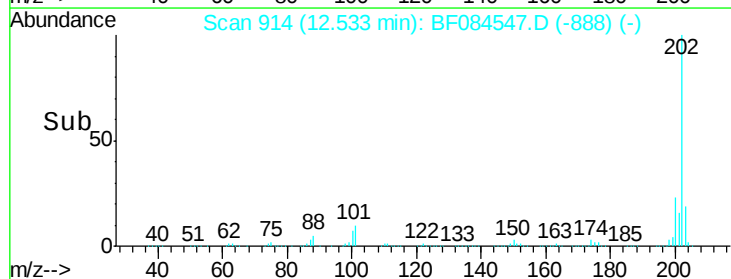
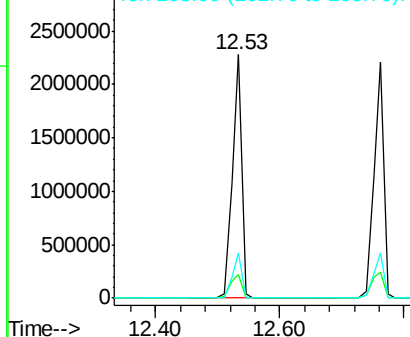
202 100

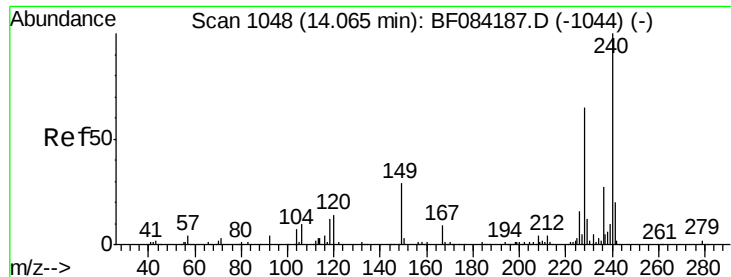
101 9.7 0.0 32.8

203 18.8 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

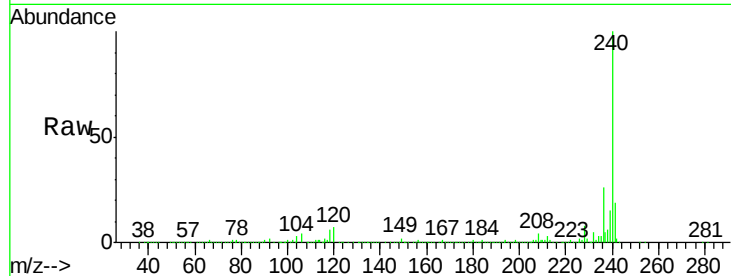
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.8	9.5	14.3#
236	26.0	20.6	31.0

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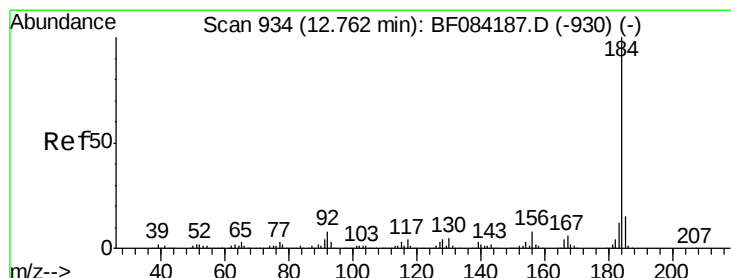
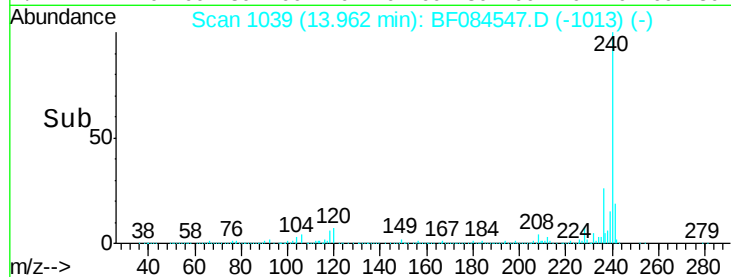
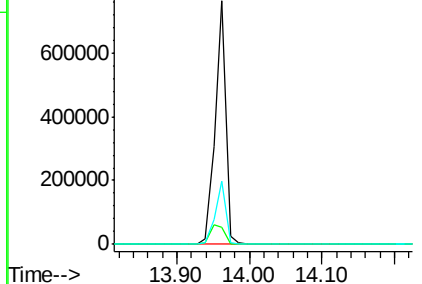
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.14 ng

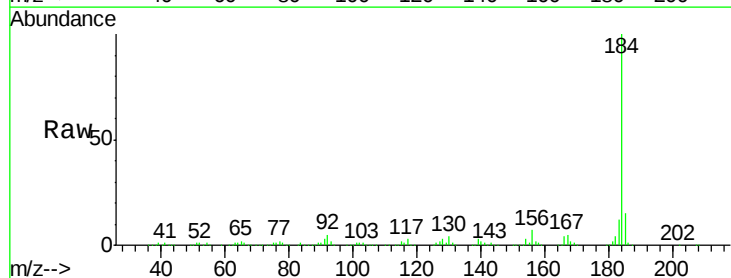
RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

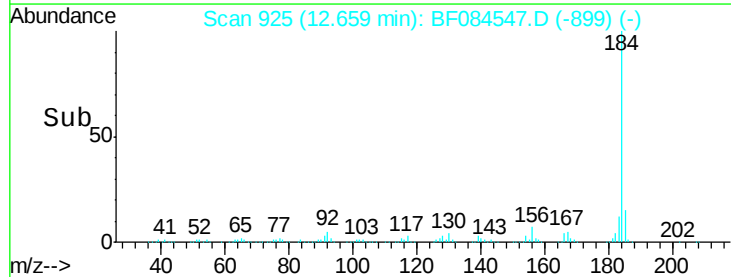
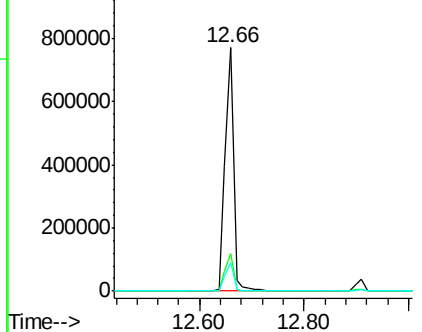
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	11.7	9.8	14.8

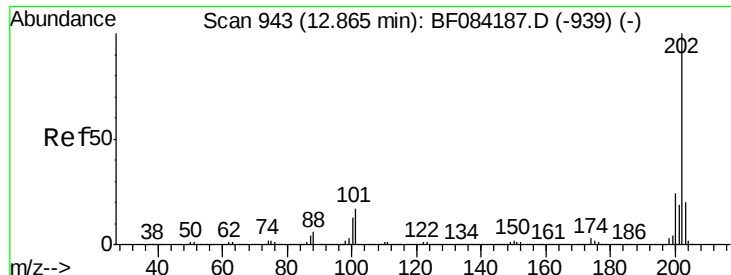


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





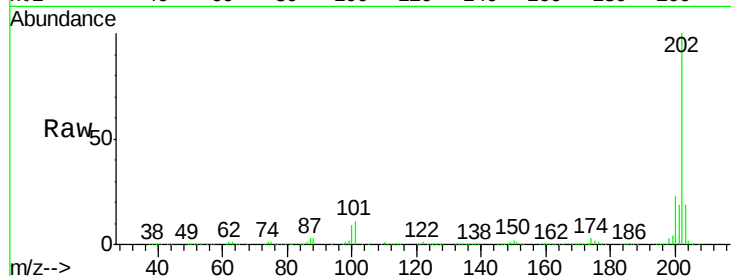
#77
Pvrene
Concen: 39.49 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

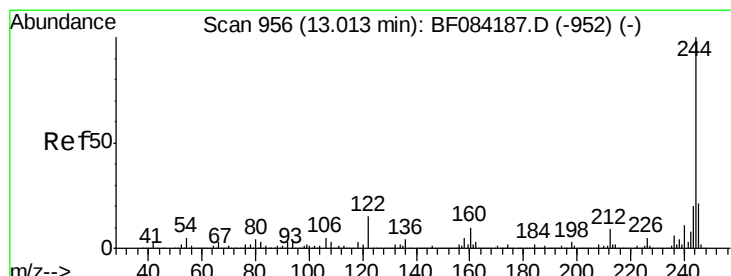
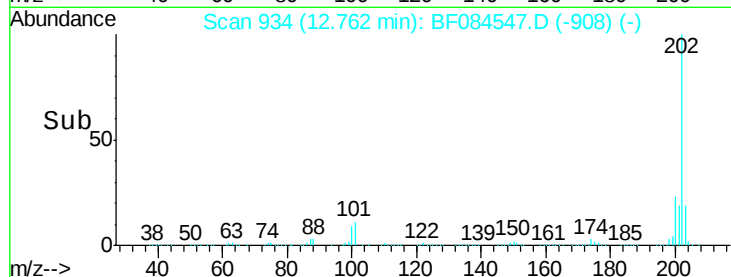
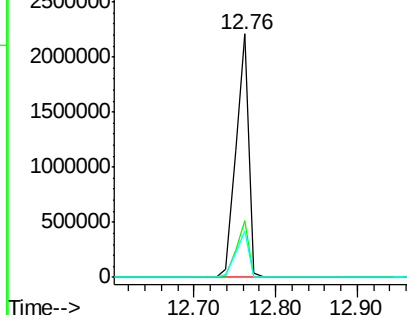
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.2	25.8
203	19.2	14.3	21.5

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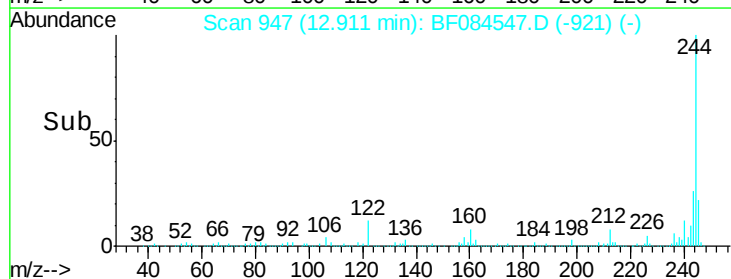
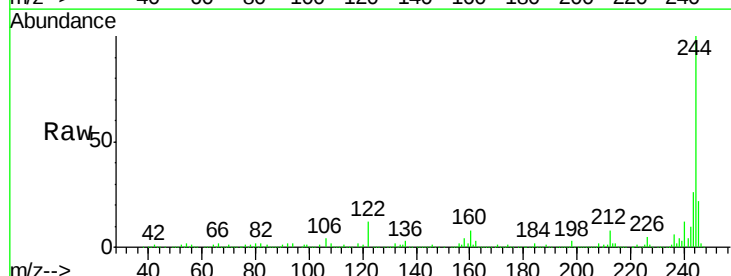
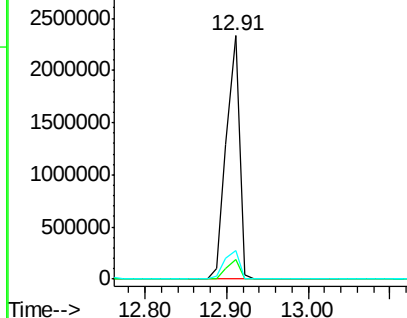
Abundance Ion 202.00 (201.70 to 202.70): E
3000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

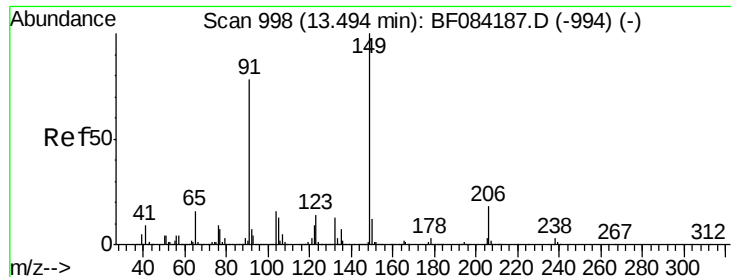


#78
Terphenyl-d14
Concen: 75.14 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	11.7	7.4	11.0

Abundance Ion 244.00 (243.70 to 244.70): E
3000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





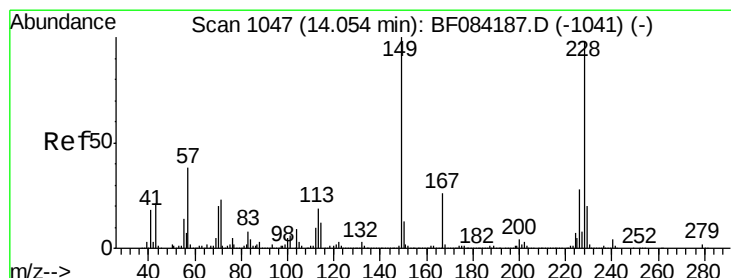
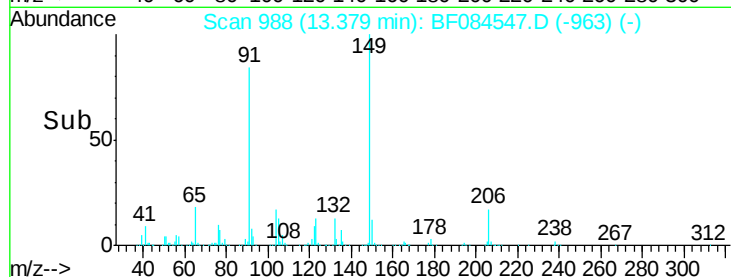
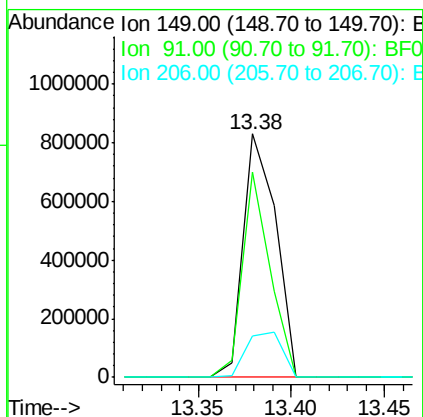
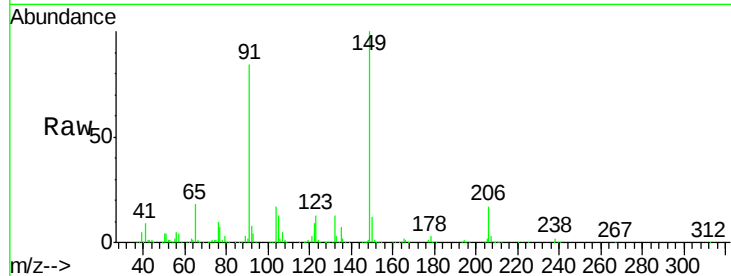
#79
Butylbenzylphthalate
Concen: 38.53 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.1	57.6	86.4
206	16.8	13.2	19.8

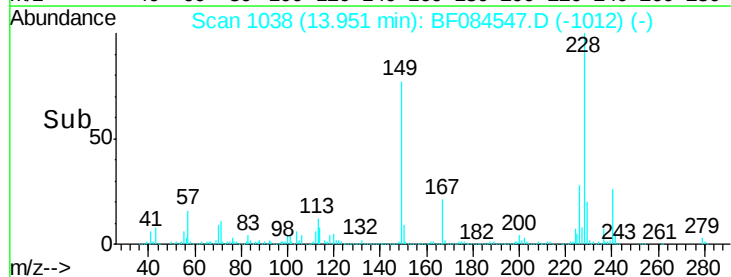
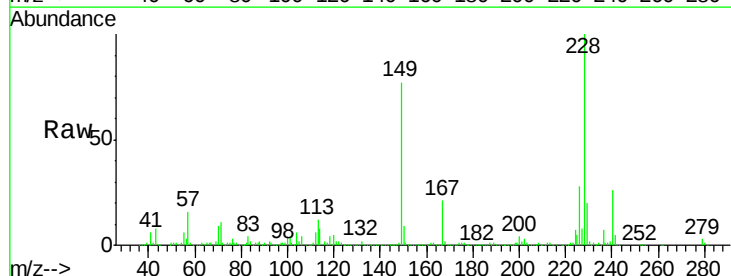
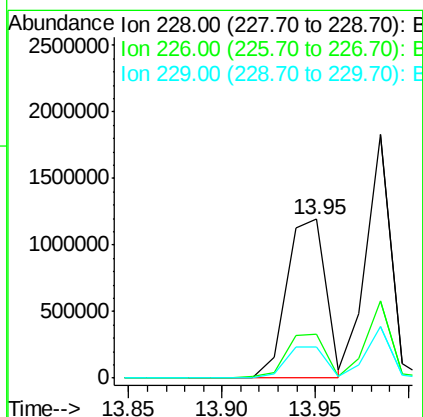
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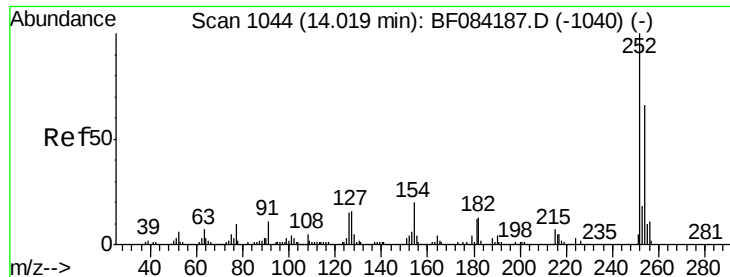
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#80
Benzo(a)anthracene
Concen: 38.54 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	19.7	15.8	23.8





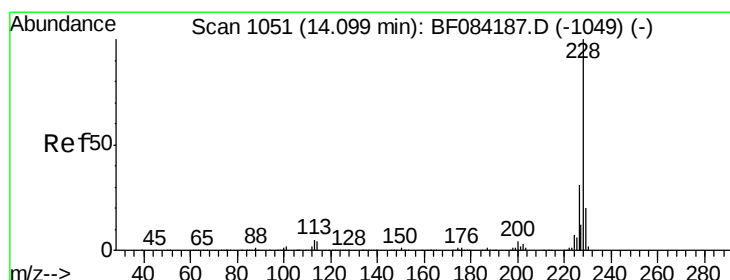
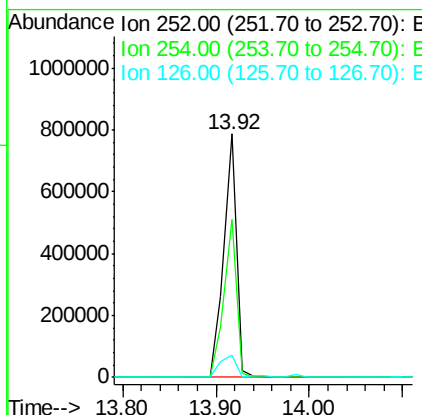
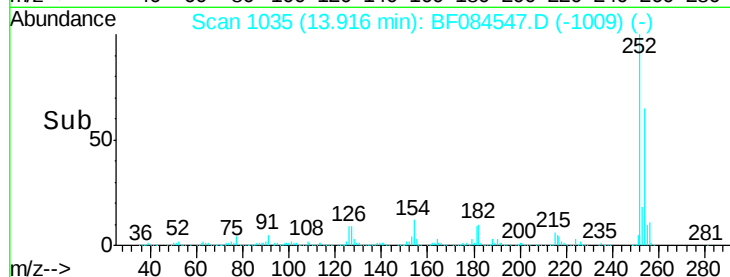
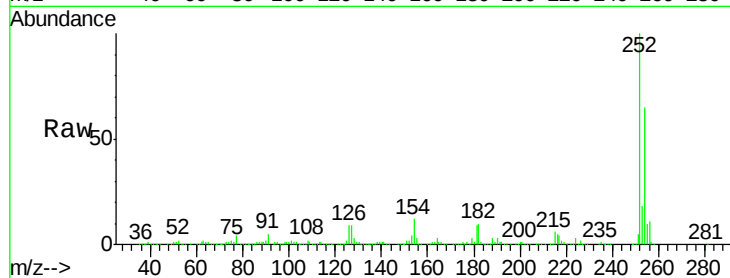
#81
 3,3'-Dichlorobenzidine
 Concen: 46.94 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	53.5	80.3
126	8.9	4.9	7.3

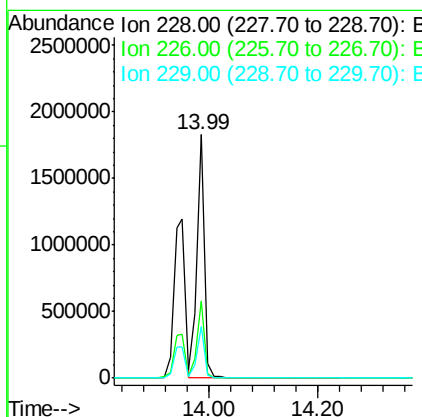
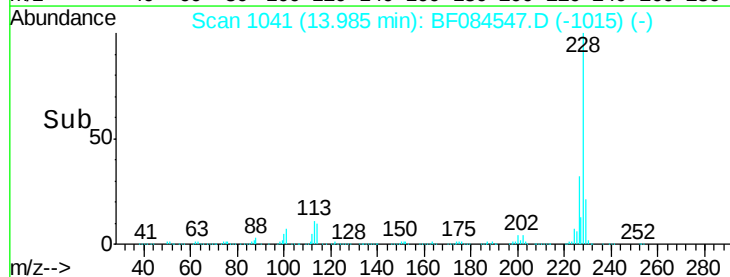
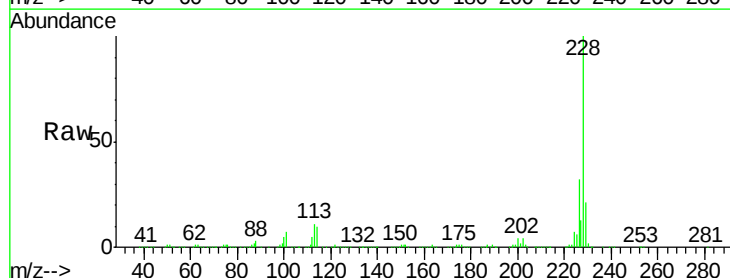
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#82
 Chrysene
 Concen: 38.96 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.3	36.5
229	21.0	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.07 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1226838

Ion Ratio Lower Upper

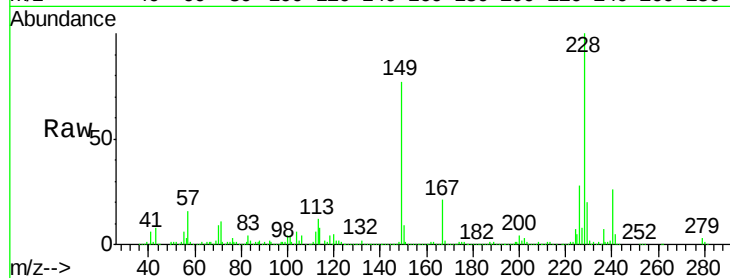
149 100

167 27.7 19.7 29.5

279 4.4 1.8 2.6#

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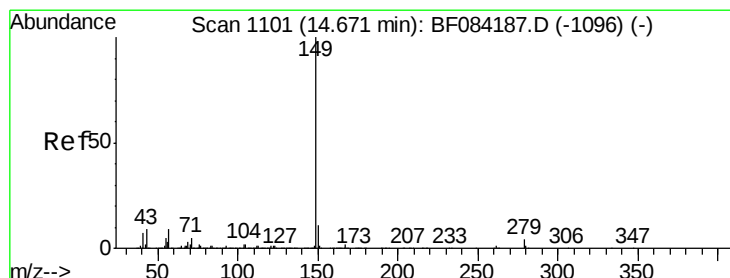
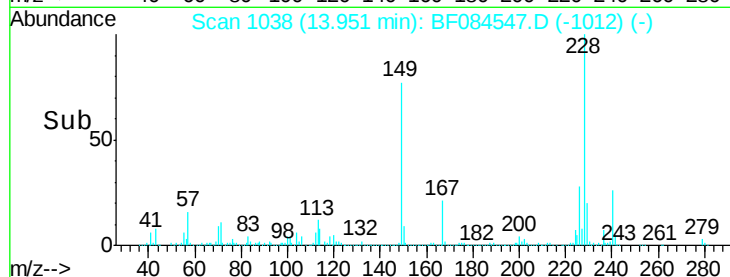
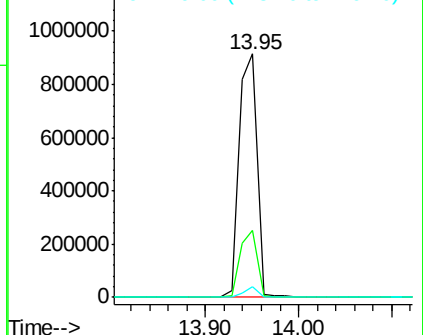
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.38 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

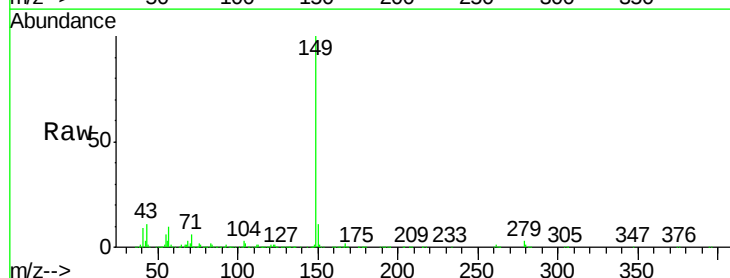
Tgt Ion:149 Resp: 2032676

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

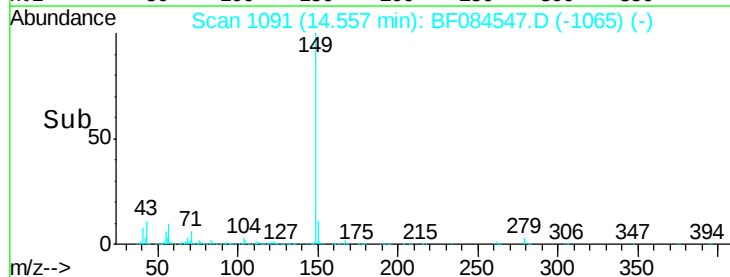
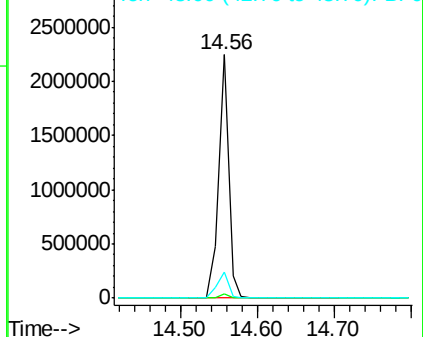
43 12.0 5.6 8.4#

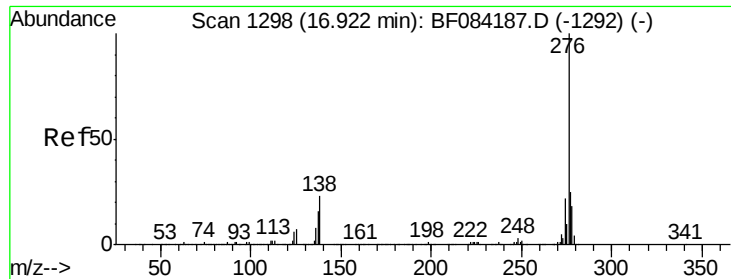


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





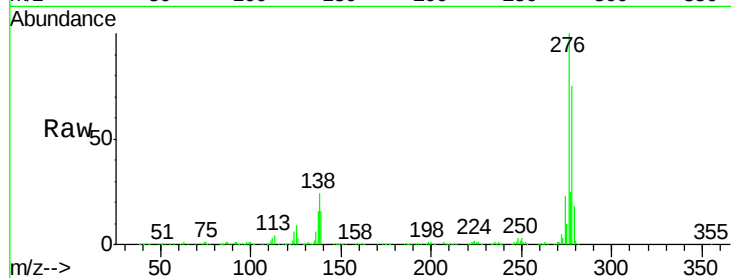
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.89 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

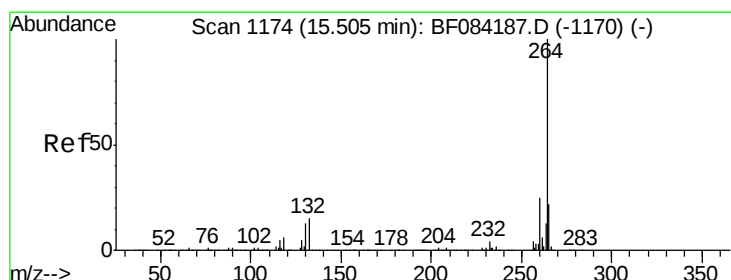
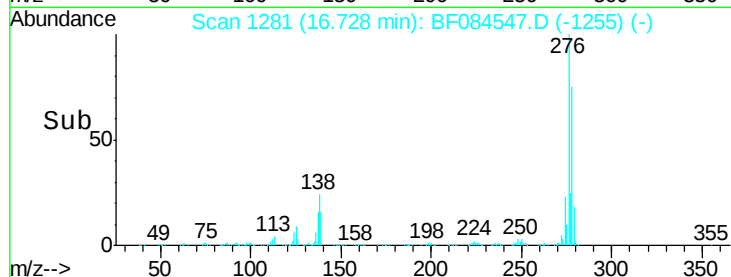
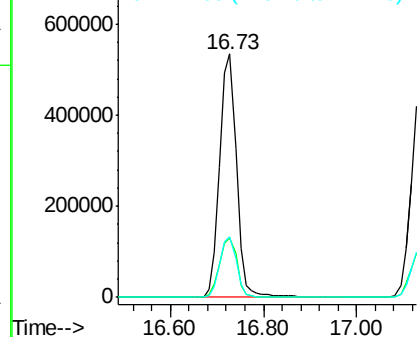
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.6	30.8
277	24.9	20.1	30.1

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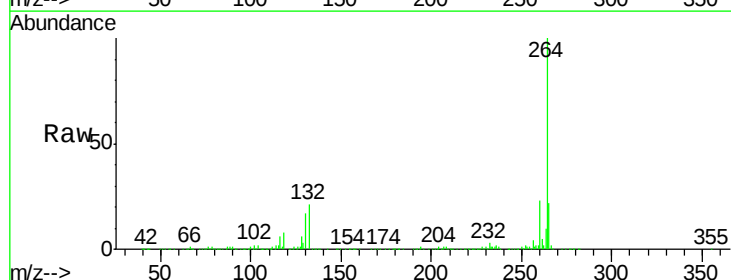


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

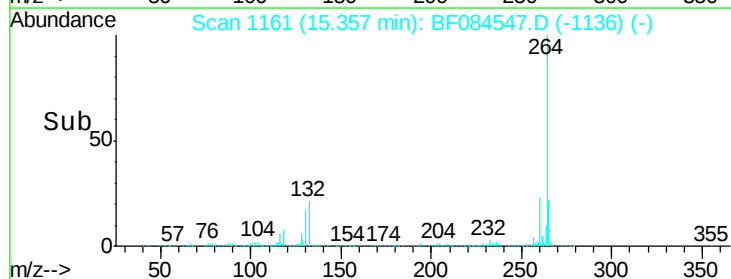
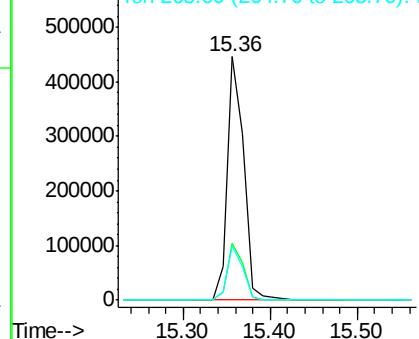


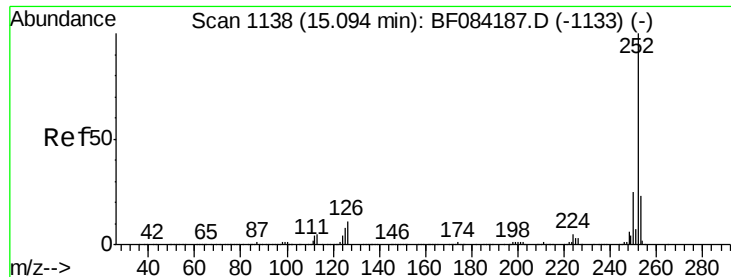
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	22.3	17.8	26.6



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





#87

Benzo(b)fluoranthene

Concen: 42.94 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1653382

Ion Ratio Lower Upper

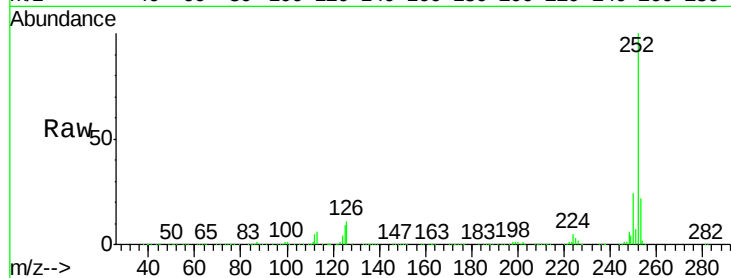
252 100

253 22.3 17.3 25.9

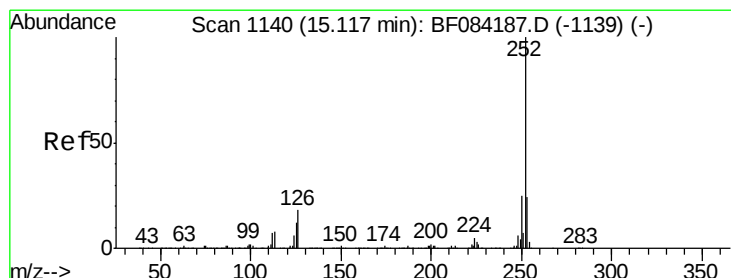
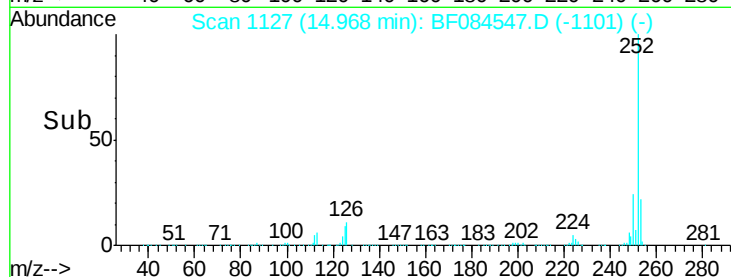
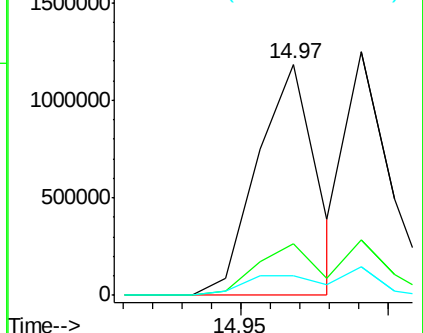
125 8.5 6.5 9.7

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



#88

Benzo(k)fluoranthene

Concen: 39.26 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF084547.D

Acq: 19 Jan 2016 12:26

Tgt Ion:252 Resp: 1236424

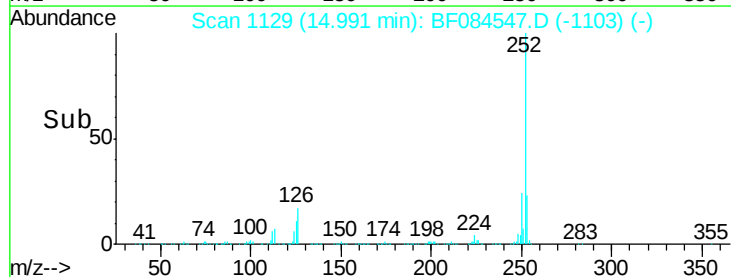
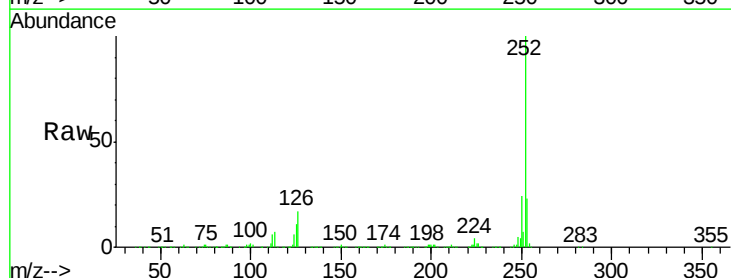
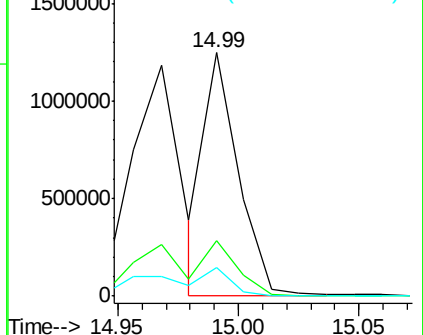
Ion Ratio Lower Upper

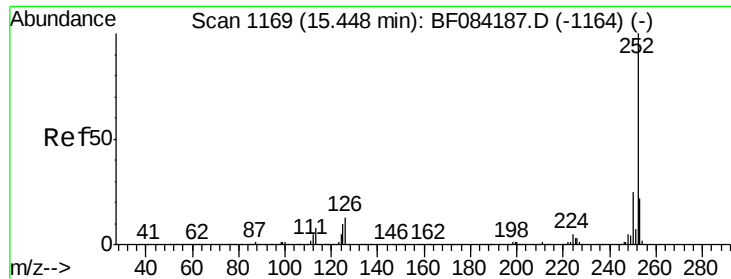
252 100

253 22.9 18.1 27.1

125 11.5 9.0 13.6

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





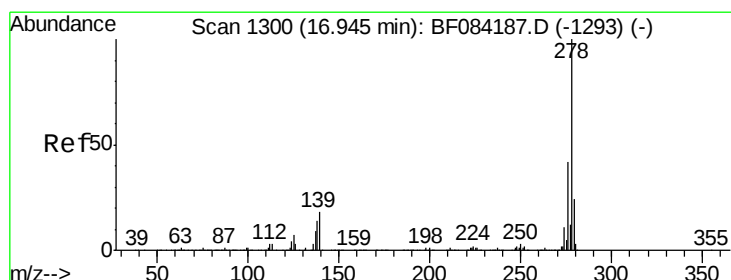
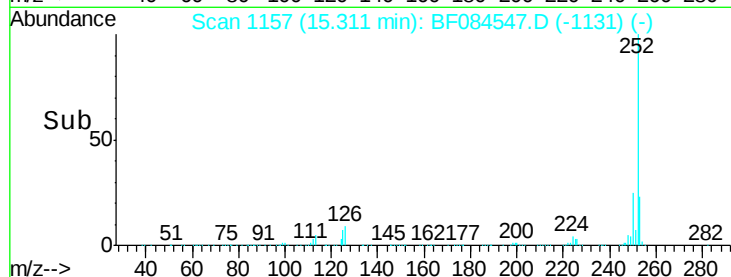
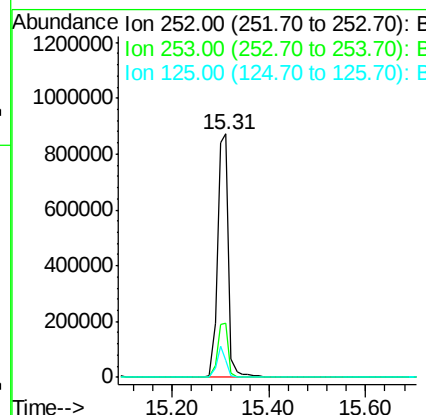
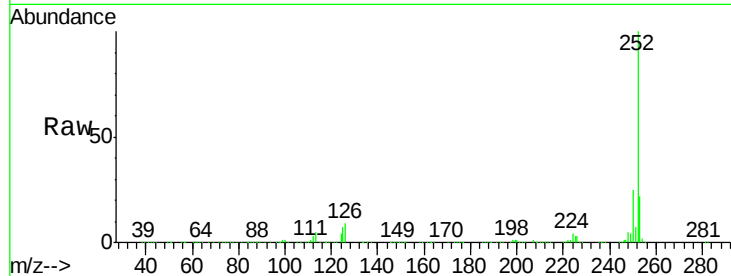
#89
Benzo(a)pyrene
Concen: 42.76 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1396525
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 7.0 7.0 10.4#

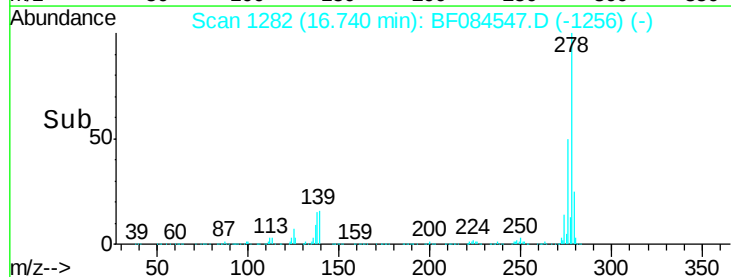
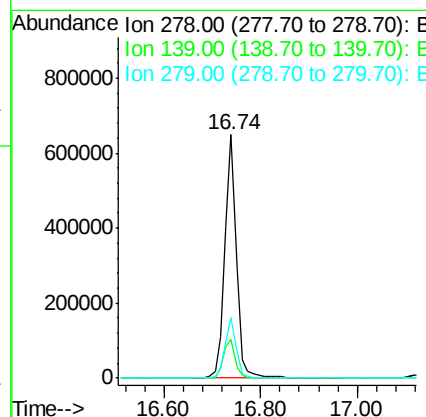
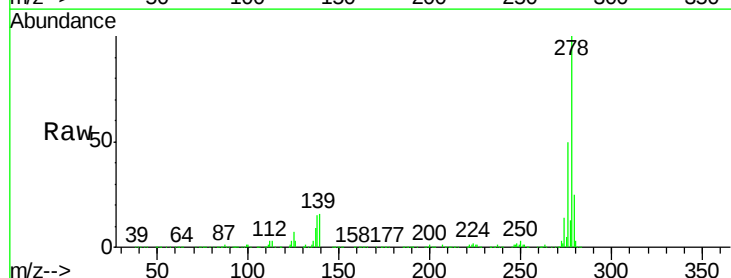
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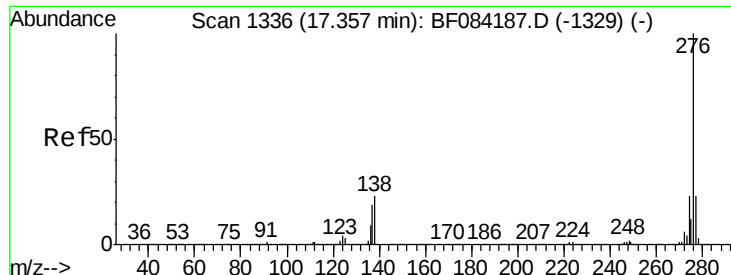
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 39.02 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF084547.D
Acq: 19 Jan 2016 12:26

Tgt Ion:278 Resp: 1096610
Ion Ratio Lower Upper
278 100
139 15.9 15.0 22.4
279 24.7 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 32.53 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF084547.D
 Acq: 19 Jan 2016 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	276	Resp:	946896
Ion Ratio		Lower	Upper
276	100		
277	23.4	18.8	28.2
138	22.7	17.8	26.6

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