

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084274.D
 Acq On : 5 Jan 2016 9:11
 Operator : UM/SJ
 Sample : G4949-02MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 09:46:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	267842	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1004965	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	425559	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	765121	20.00	ng	0.00
75) Chrysene-d12	14.05	240	537157	20.00	ng	-0.01
86) Perylene-d12	15.49	264	558137	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	2157514	130.29	ng	0.02
7) Phenol-d6	6.54	99	2954537	142.06	ng	0.01
23) Nitrobenzene-d5	7.46	82	1954078	108.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	634765	147.74	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2666608	112.26	ng	0.00
78) Terphenyl-d14	13.00	244	2316004	96.24	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	320964	40.92	ng	# 73
3) Pyridine	3.32	79	975912	44.62	ng	# 74
4) n-Nitrosodimethylamine	3.28	42	554373	49.38	ng	# 78
6) Aniline	6.56	93	766190	25.18	ng	# 2
8) 2-Chlorophenol	6.68	128	877646	46.71	ng	# 84
9) Benzaldehyde	6.44	77	347674	25.67	ng	# 93
10) Phenol	6.56	94	948767	40.12	ng	# 72
11) bis(2-Chloroethyl)ether	6.64	93	973816	53.16	ng	# 86
12) 1,3-Dichlorobenzene	7.07	146	843929	43.54	ng	# 99
13) 1,4-Dichlorobenzene	6.91	146	895969	46.10	ng	# 96
14) 1,2-Dichlorobenzene	7.07	146	843824	45.34	ng	# 96
15) Benzyl Alcohol	7.05	79	839936	48.01	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1486372	44.56	ng	# 94
17) 2-Methylphenol	7.16	107	715039	45.41	ng	# 90
18) Hexachloroethane	7.40	117	410837	52.86	ng	# 90
19) n-Nitroso-di-n-propylamine	7.32	70	706746	50.20	ng	# 76
20) 3+4-Methylphenols	7.32	107	939485	50.76	ng	# 84
22) Acetophenone	7.31	105	1245507	51.54	ng	# 90
24) Nitrobenzene	7.48	77	967794	52.84	ng	# 96
25) Isophorone	7.72	82	1839849	53.28	ng	# 99
26) 2-Nitrophenol	7.80	139	509579	61.14	ng	# 95
27) 2,4-Dimethylphenol	7.85	122	765042	45.34	ng	# 93
28) bis(2-Chloroethoxy)methane	7.94	93	1153161	54.67	ng	# 92
29) 2,4-Dichlorophenol	8.04	162	714638	50.85	ng	# 95
30) 1,2,4-Trichlorobenzene	8.12	180	736743	50.78	ng	# 97
31) Naphthalene	8.20	128	2326723	51.03	ng	# 97
32) Benzoic acid	7.94	122	201864	22.43	ng	# 67
33) 4-Chloroaniline	8.26	127	473726	22.66	ng	# 95
34) Hexachlorobutadiene	8.33	225	444101	53.25	ng	# 99
35) Caprolactam	8.61	113	314548	66.39	ng	# 1
36) 4-Chloro-3-methylphenol	8.75	107	787492	50.02	ng	# 94
37) 2-Methylnaphthalene	8.90	142	1670314	51.03	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	668012	54.60	ng	# 96
40) Hexachlorocyclopentadiene	9.05	237	670308	90.76	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	508636	55.57	nq	94
43) 2,4,5-Trichlorophenol	9.23	196	455921	51.96	nq #	87
45) 1,1'-Biphenyl	9.37	154	1870897	55.32	nq	98
46) 2-Chloronaphthalene	9.39	162	1380875	51.98	nq	96
47) 2-Nitroaniline	9.48	65	524224	59.79	nq	94
48) Acenaphthylene	9.80	152	2021711	51.51	nq #	93
49) Dimethylphthalate	9.68	163	1927702	63.36	nq #	91
50) 2,6-Dinitrotoluene	9.73	165	382150	57.27	nq #	64
51) Acenaphthene	9.97	154	1433255	54.44	nq	99
52) 3-Nitroaniline	9.89	138	320064	38.71	nq	99
53) 2,4-Dinitrophenol	10.01	184	168078	60.06	nq	95
54) Dibenzofuran	10.16	168	1844499	54.74	nq #	96
55) 4-Nitrophenol	10.08	139	619302	103.19	nq #	73
56) 2,4-Dinitrotoluene	10.13	165	421592	49.92	nq #	79
57) Fluorene	10.50	166	1567051	60.24	nq #	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	344883	46.04	nq #	94
59) Diethylphthalate	10.37	149	1604656	53.50	nq	96
60) 4-Chlorophenyl-phenylether	10.49	204	681679	64.74	nq	99
61) 4-Nitroaniline	10.51	138	294732	39.99	nq	94
62) Azobenzene	10.65	77	1753999	53.31	nq	89
64) 4,6-Dinitro-2-methylphenol	10.54	198	201353	43.15	nq	92
65) n-Nitrosodiphenylamine	10.60	169	1492356	61.00	nq	93
66) 4-Bromophenyl-phenylether	10.98	248	431665	52.42	nq	99
67) Hexachlorobenzene	11.05	284	477160	51.48	nq	96
68) Atrazine	11.14	200	504075	62.97	nq	97
69) Pentachlorophenol	11.24	266	384619	80.03	nq	99
70) Phenanthrene	11.46	178	2345783	58.61	nq	97
71) Anthracene	11.50	178	2129234	54.27	nq	96
72) Carbazole	11.66	167	1857959	48.44	nq	98
73) Di-n-butylphthalate	11.98	149	2167351	56.68	nq #	95
74) Fluoranthene	12.64	202	2094835	50.11	nq	95
76) Benzidine	12.75	184	306690	15.92	nq	99
77) Pyrene	12.87	202	2177554	51.66	nq	97
79) Butylbenzylphthalate	13.48	149	928073	50.88	nq	95
80) Benzo(a)anthracene	14.04	228	1471732	46.66	nq	98
81) 3,3'-Dichlorobenzidine	14.01	252	407867	37.05	nq #	96
82) Chrysene	14.09	228	1504131	49.63	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1063277	46.14	nq #	96
84) Di-n-octyl phthalate	14.65	149	1758083	45.19	nq #	87
85) Indeno(1,2,3-cd)pyrene	16.92	276	1722951	71.71	nq	100
87) Benzo(b)fluoranthene	15.08	252	1608174	44.05	nq	97
88) Benzo(k)fluoranthene	15.08	252	1608174	53.86	nq	98
89) Benzo(a)pyrene	15.44	252	1501249	48.48	nq #	96
90) Dibenzo(a,h)anthracene	16.95	278	1435602	53.87	nq #	94
91) Benzo(g,h,i)perylene	17.35	276	1412347	51.18	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

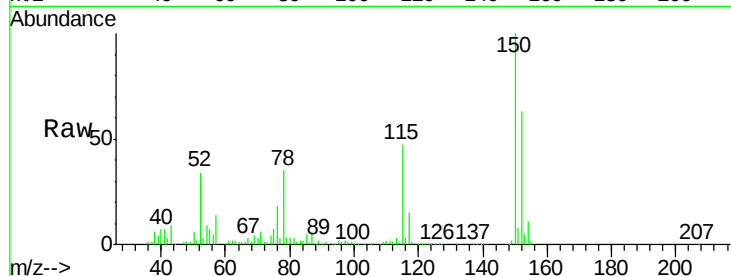
Tot Ion:152 Resp: 267842

Ion Ratio Lower Upper

152 100

150 158.7 123.0 184.4

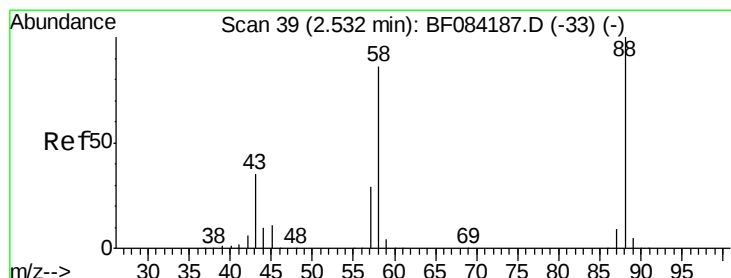
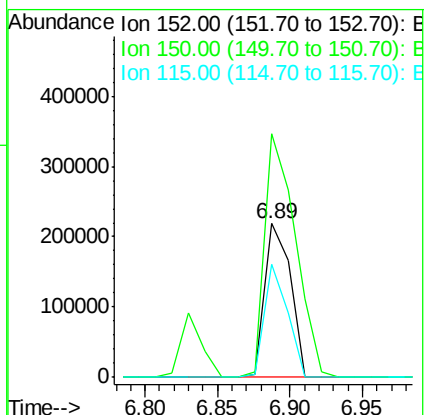
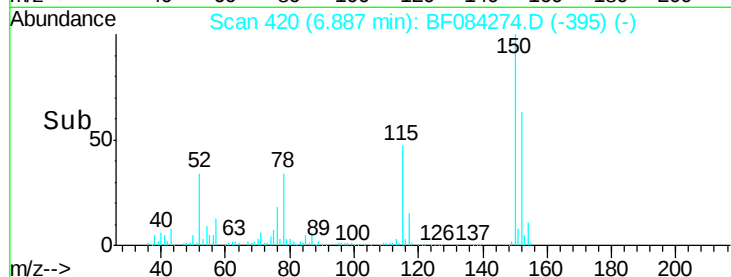
115 74.1 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.92 ng

RT: 2.58 min Scan# 43

Delta R.T. 0.05 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

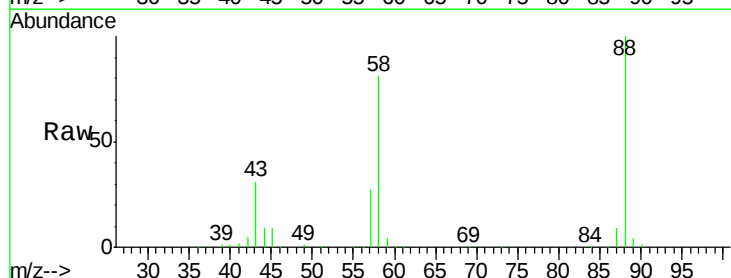
Tgt Ion: 88 Resp: 320964

Ion Ratio Lower Upper

88 100

58 87.4 51.2 76.8#

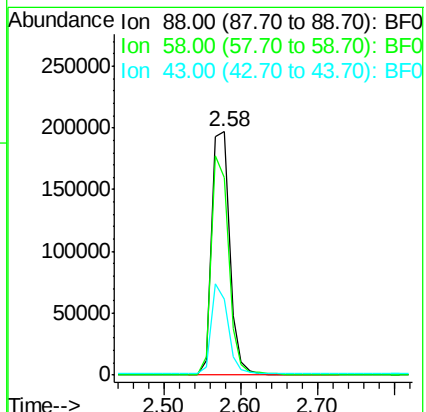
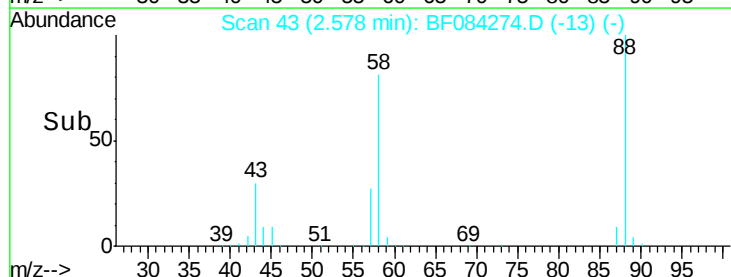
43 33.4 19.5 29.3#

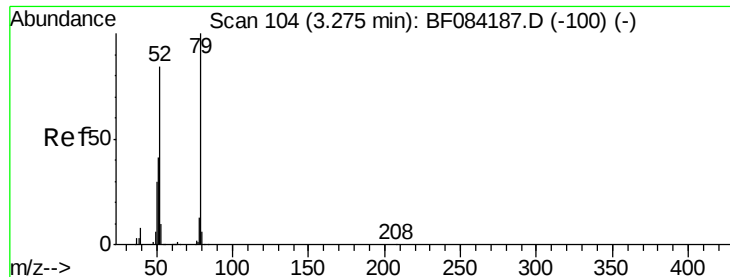


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.62 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.05 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampled :

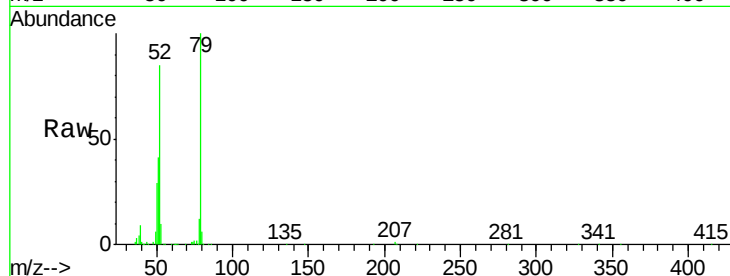
Tot Ion: 79 Resp: 975912

Ion Ratio Lower Upper

79 100

52 85.1 49.0 73.4#

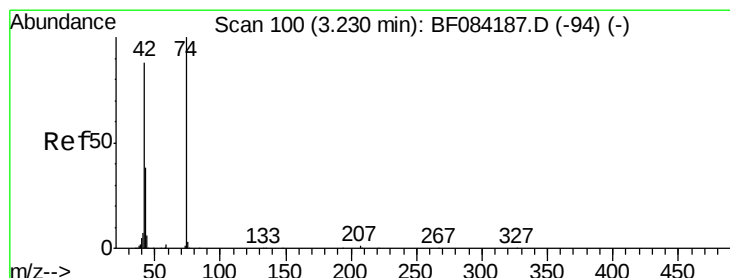
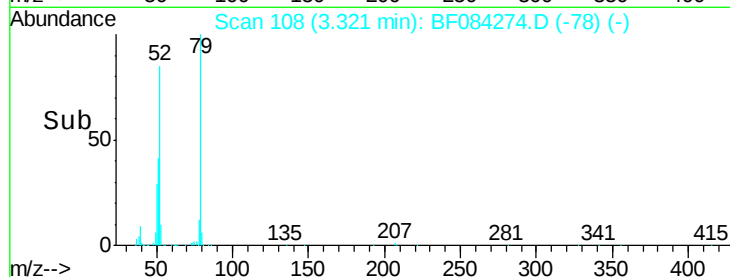
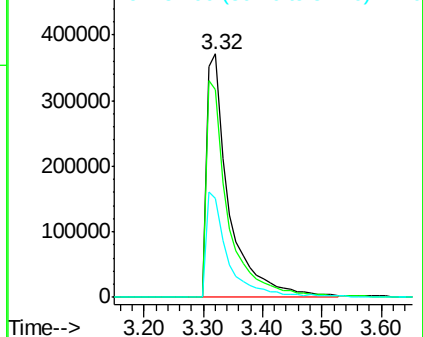
51 40.7 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 49.38 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.05 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

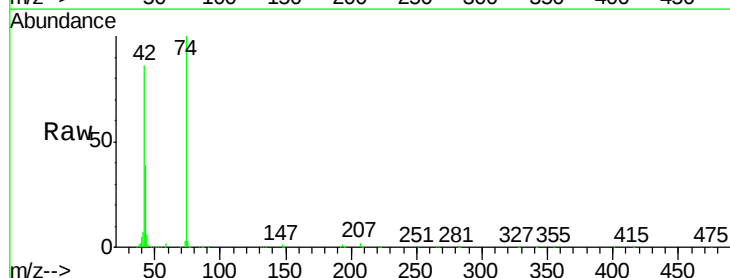
Tgt Ion: 42 Resp: 554373

Ion Ratio Lower Upper

42 100

74 116.5 115.7 173.5

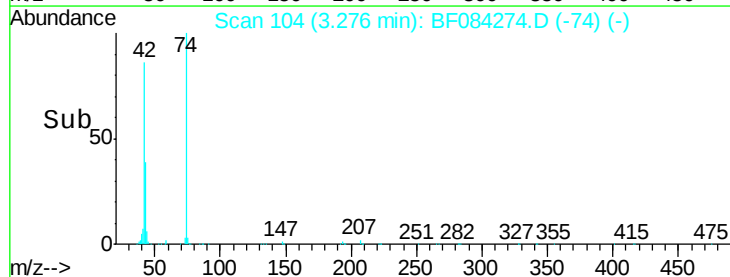
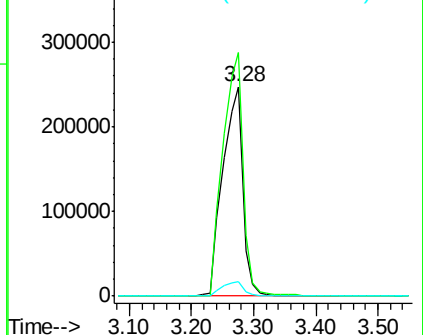
44 7.2 5.1 7.7

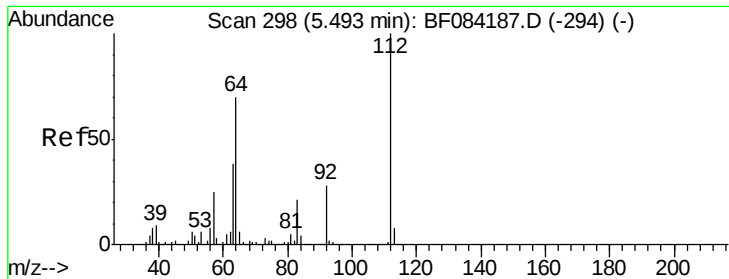


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.29 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

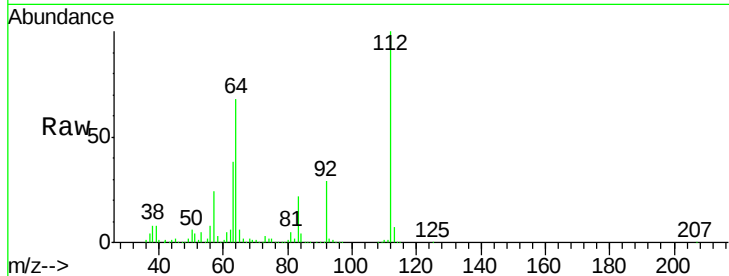
Tot Ion:112 Resp: 2157514

Ion Ratio Lower Upper

112 100

64 68.3 36.6 55.0#

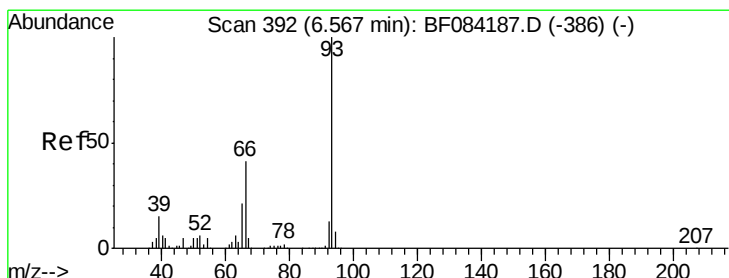
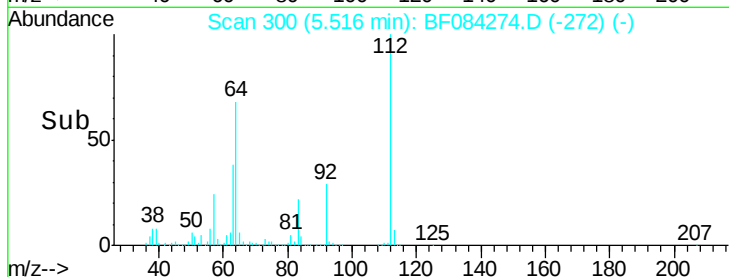
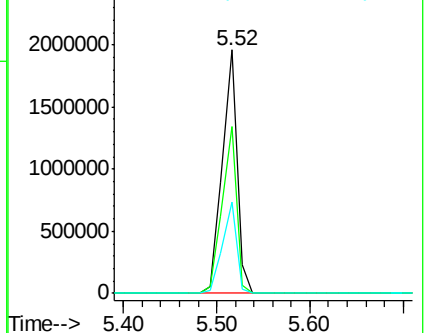
63 37.5 19.4 29.0#



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: 25.18 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

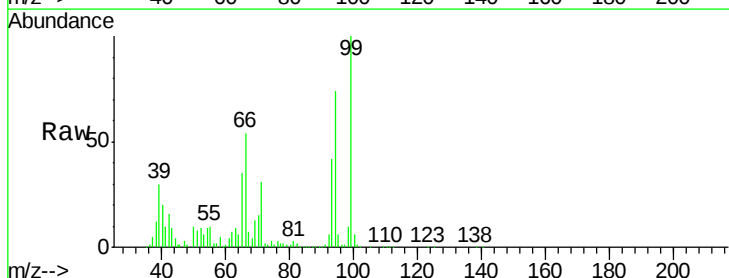
Tgt Ion: 93 Resp: 766190

Ion Ratio Lower Upper

93 100

66 127.7 44.9 67.3#

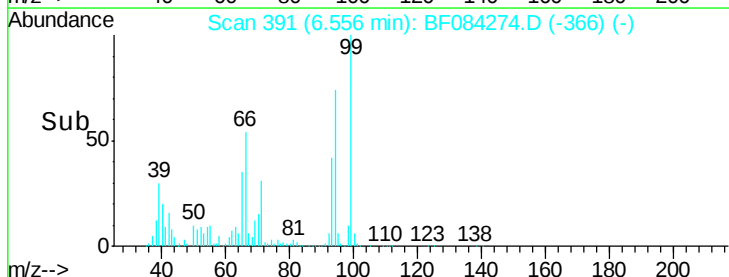
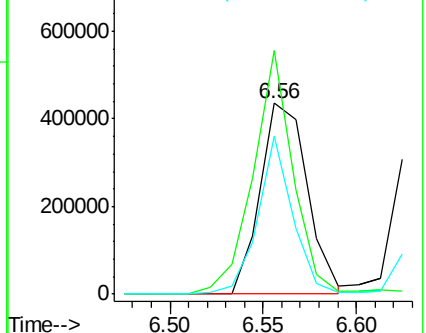
65 82.8 23.7 35.5#

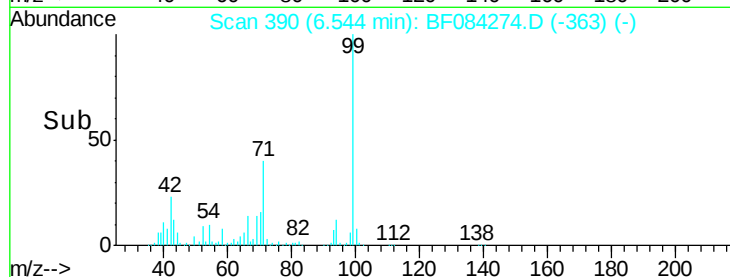
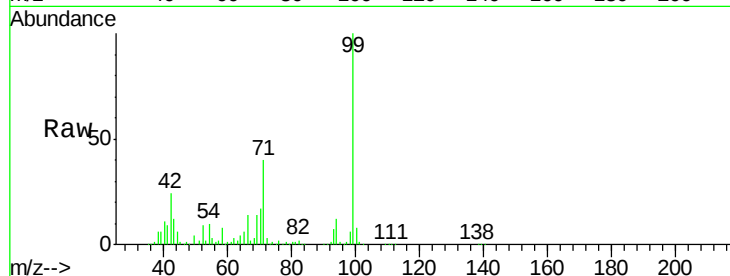
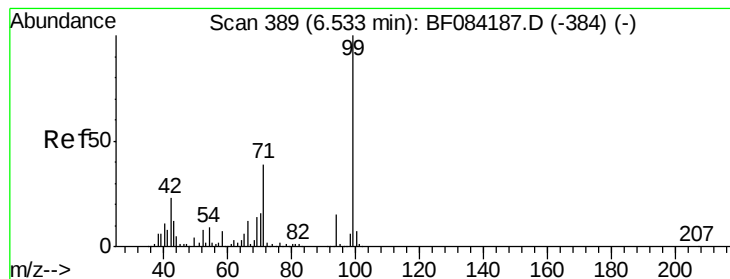


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.06 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

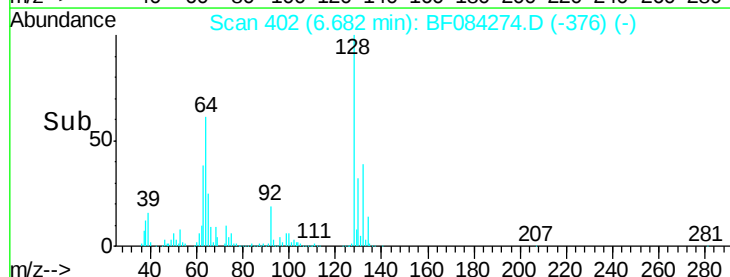
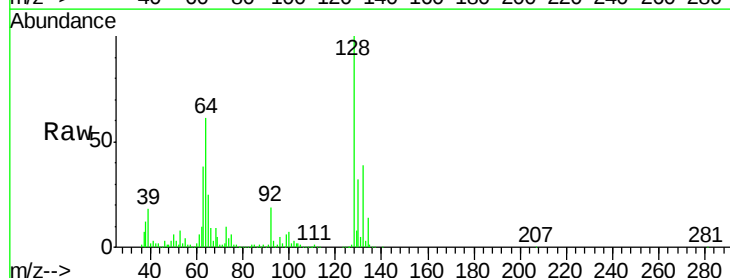
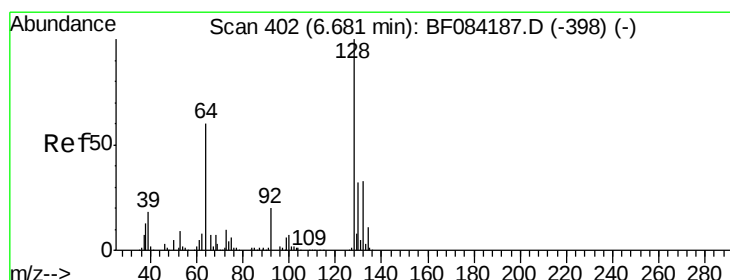
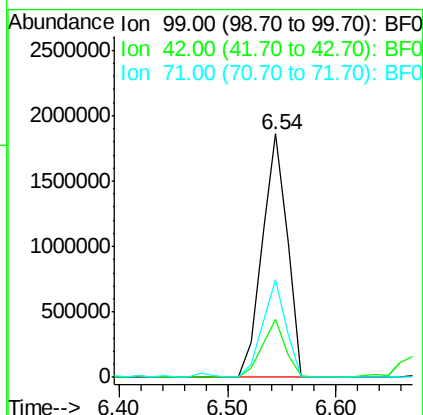
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2954537

Ion	Ratio	Lower	Upper
99	100		
42	23.6	12.8	19.2#
71	40.3	30.9	46.3



#8

2-Chlorophenol

Concen: 46.71 ng

RT: 6.68 min Scan# 402

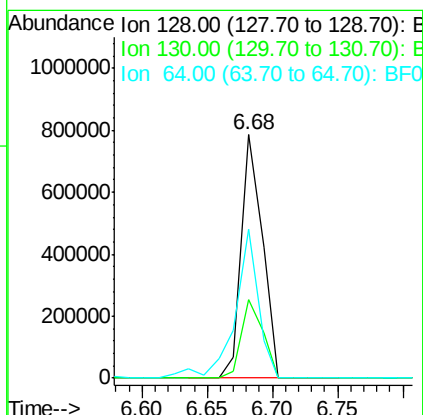
Delta R.T. 0.00 min

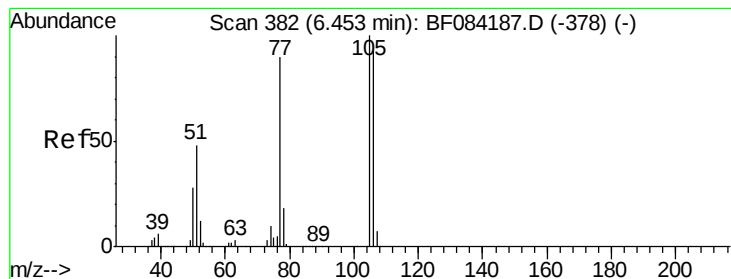
Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:128 Resp: 877646

Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.6	51.6
64	61.2	23.8	63.8





#9

Benzaldehyde

Concen: 25.67 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

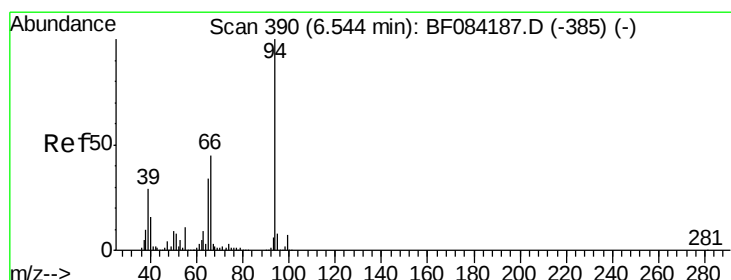
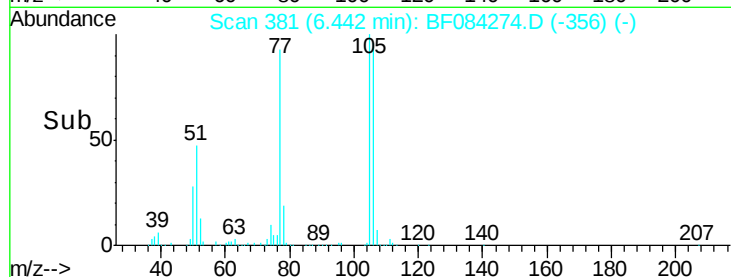
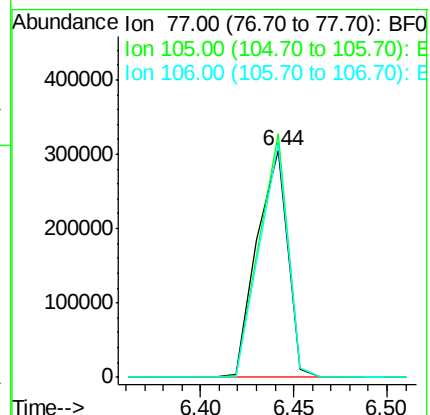
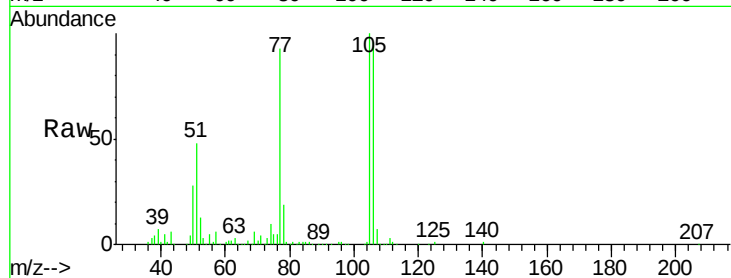
Tot Ion: 77 Resp: 347674

Ion Ratio Lower Upper

77 100

105 107.3 83.0 123.0

106 103.3 74.6 114.6



#10

Phenol

Concen: 40.12 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

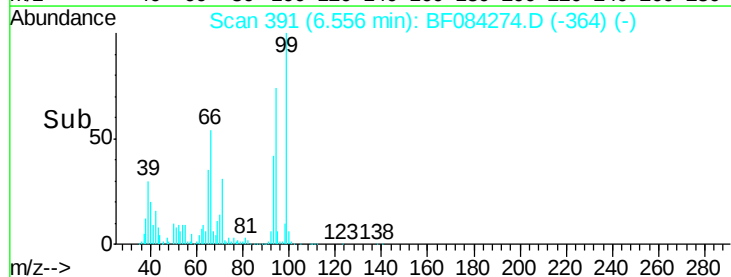
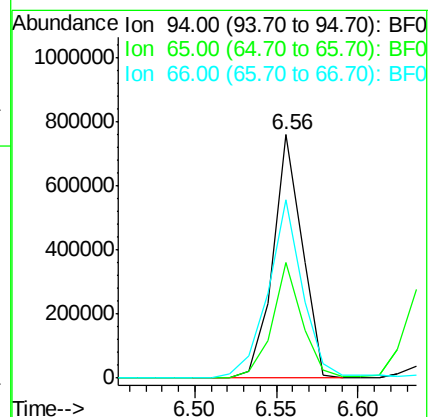
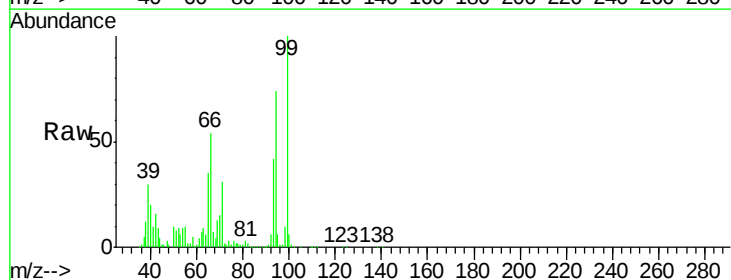
Tgt Ion: 94 Resp: 948767

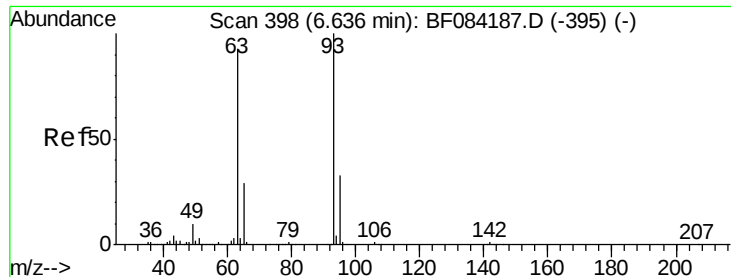
Ion Ratio Lower Upper

94 100

65 47.4 12.9 52.9

66 73.1 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 53.16 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

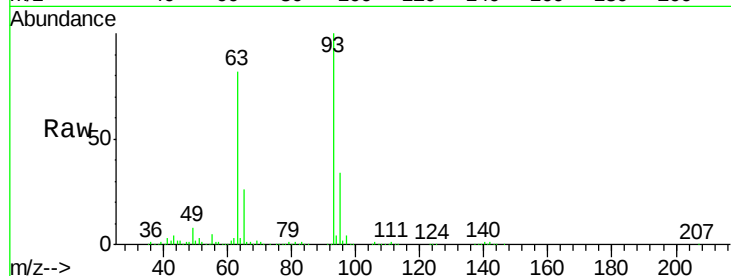
Tot Ion: 93 Resp: 973816

Ion Ratio Lower Upper

93 100

63 81.8 45.9 85.9

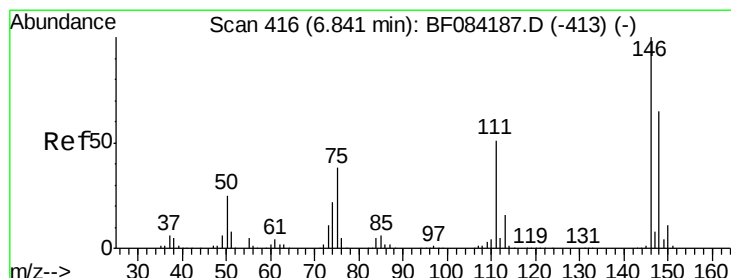
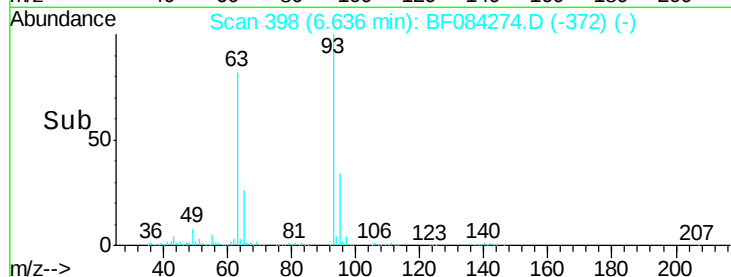
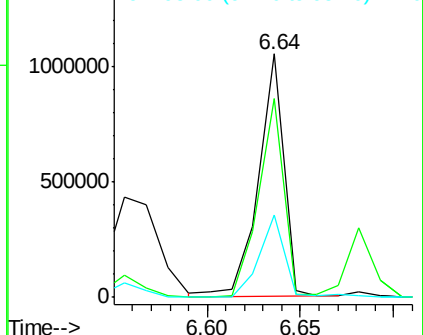
95 33.8 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.54 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.23 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

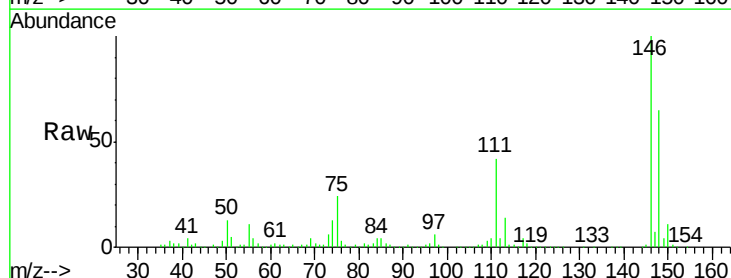
Tgt Ion: 146 Resp: 843929

Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

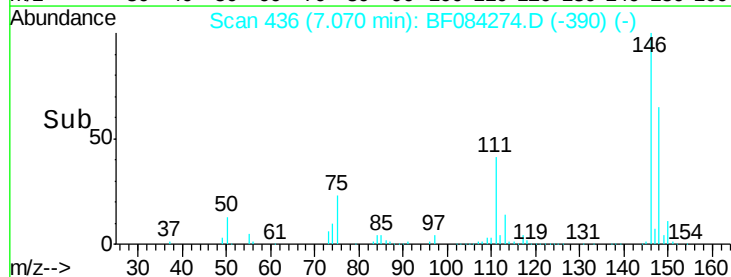
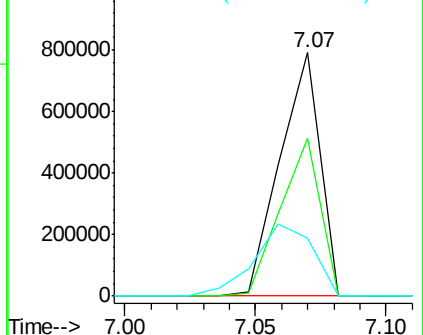
75 24.0 20.5 30.7

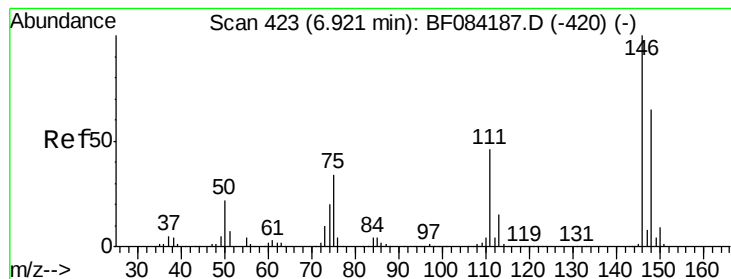


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 46.10 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampled :

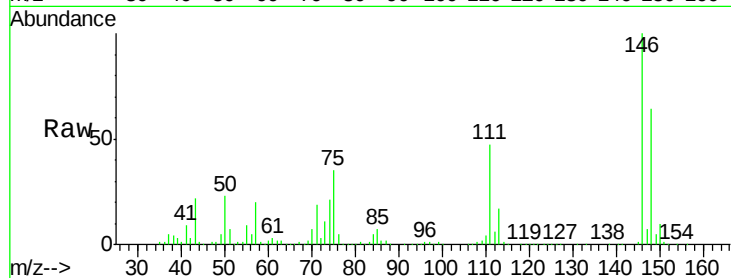
Tot Ion:146 Resp: 895969

Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

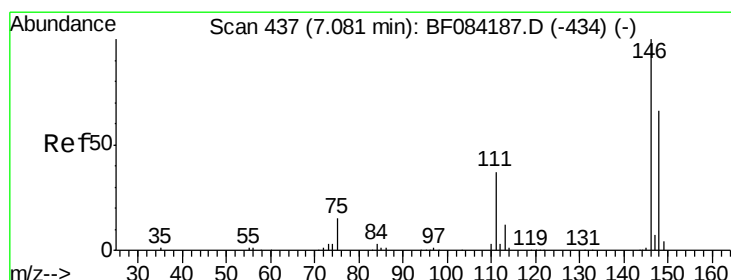
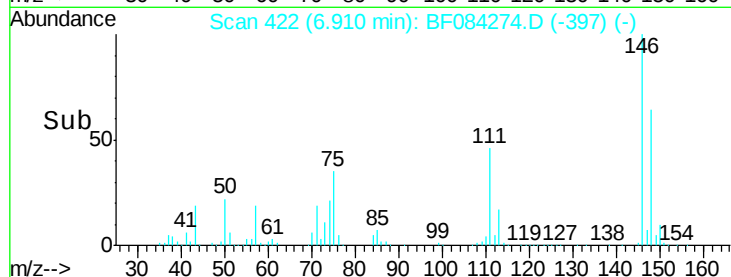
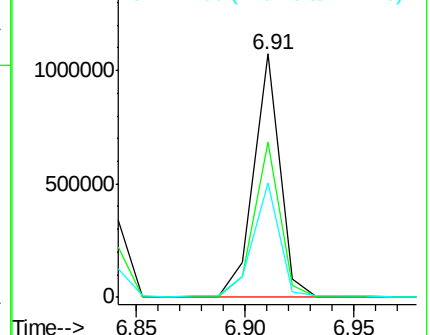
111 46.9 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.34 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

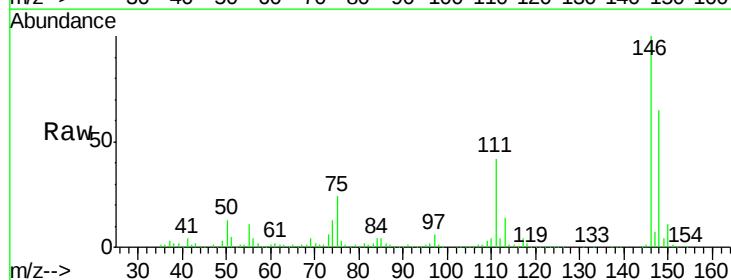
Tgt Ion:146 Resp: 843824

Ion Ratio Lower Upper

146 100

148 65.1 51.6 77.4

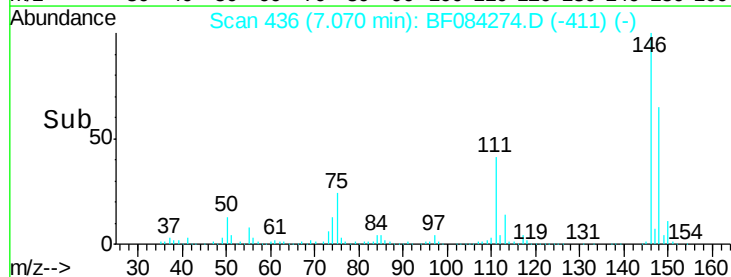
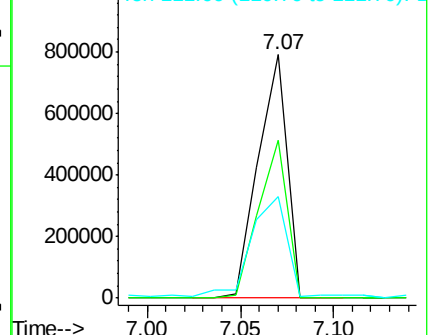
111 41.6 38.0 57.0

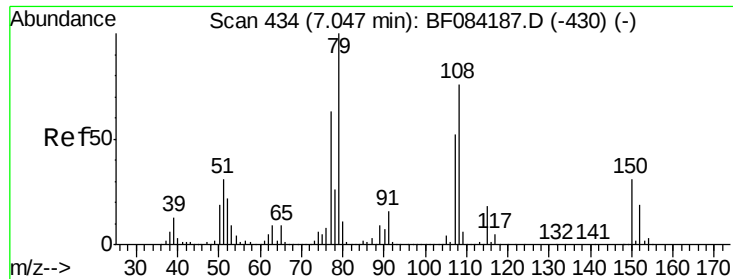


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.01 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

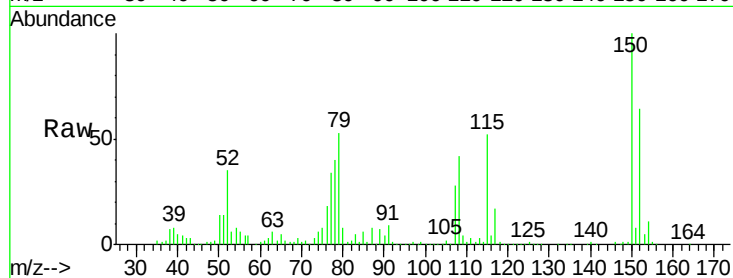
Tot Ion: 79 Resp: 839936

Ion Ratio Lower Upper

79 100

108 78.4 69.0 103.4

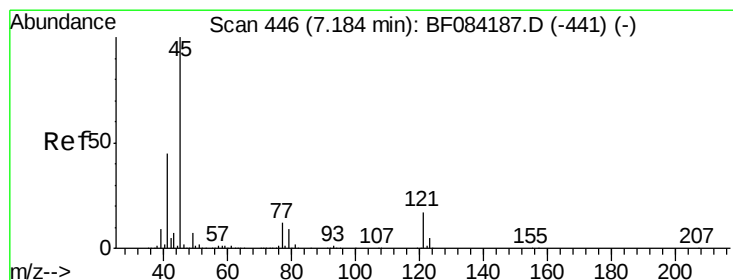
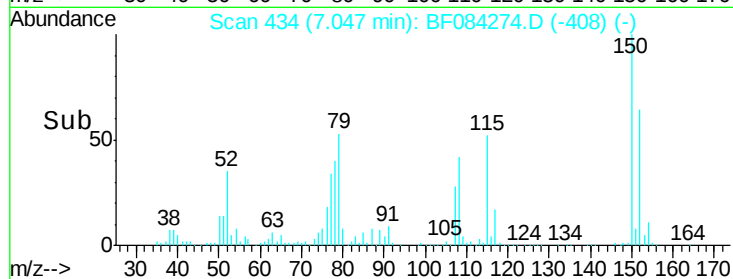
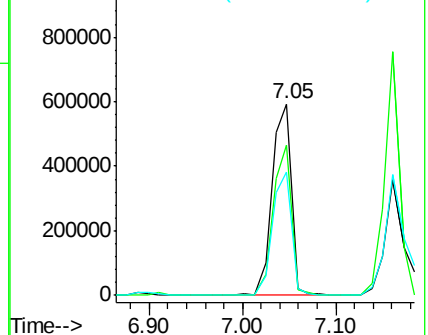
77 64.6 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.56 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

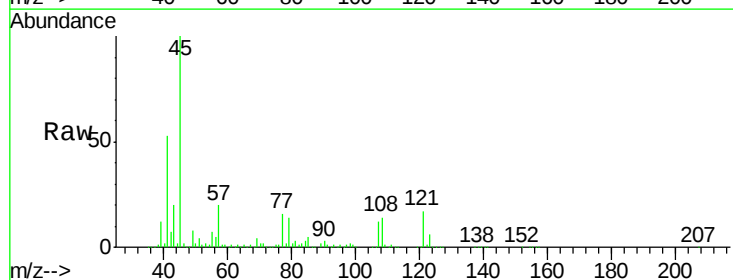
Tgt Ion: 45 Resp: 1486372

Ion Ratio Lower Upper

45 100

77 16.2 0.0 39.6

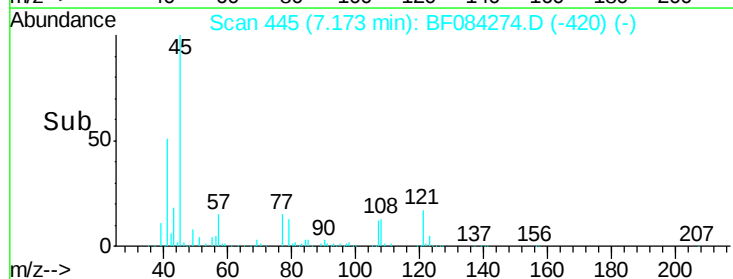
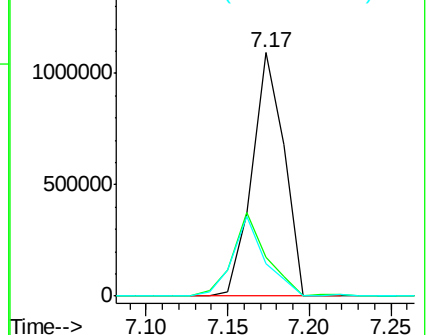
79 13.6 0.0 35.0

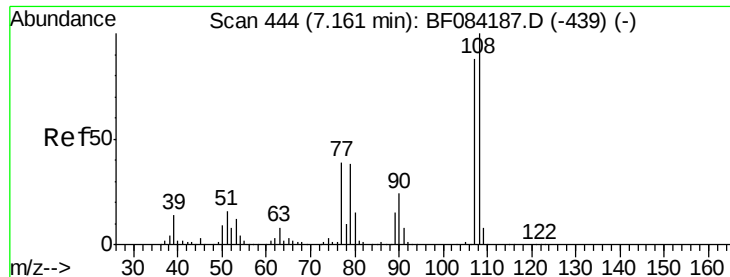


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

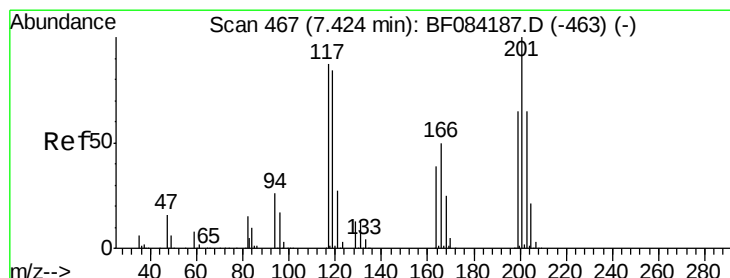
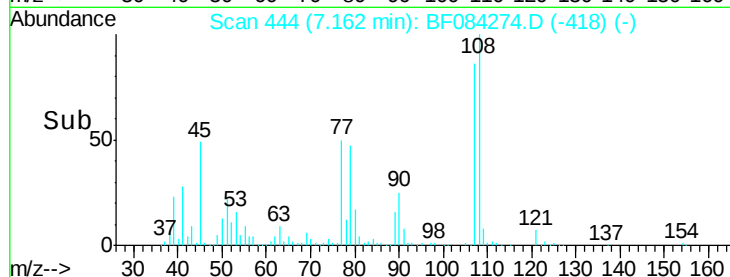
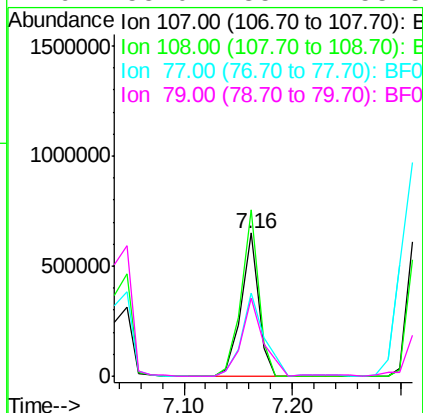
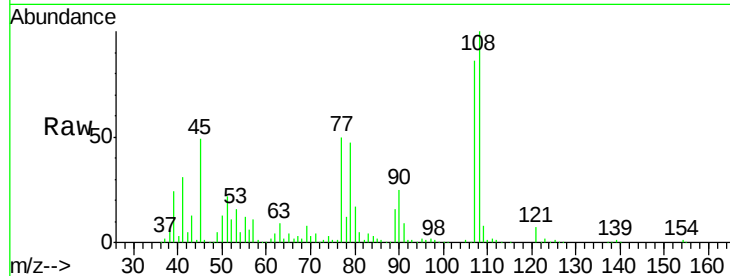




#17
2-Methylphenol
Concen: 45.41 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

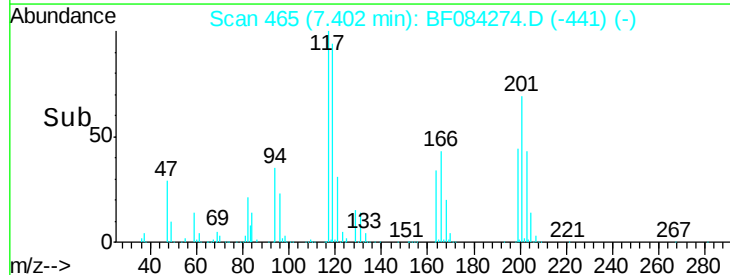
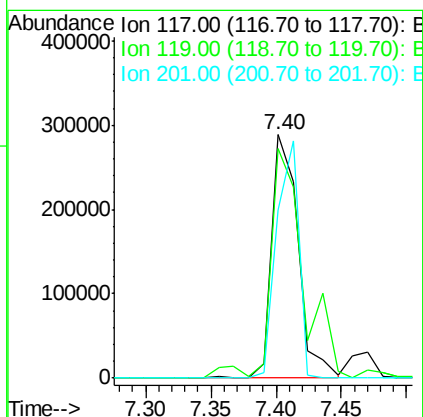
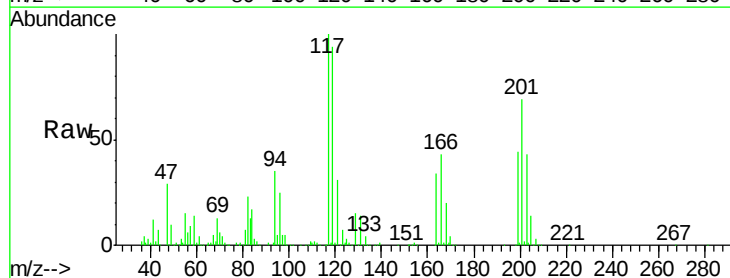
Instrument :
BNA_F
ClientSampled :

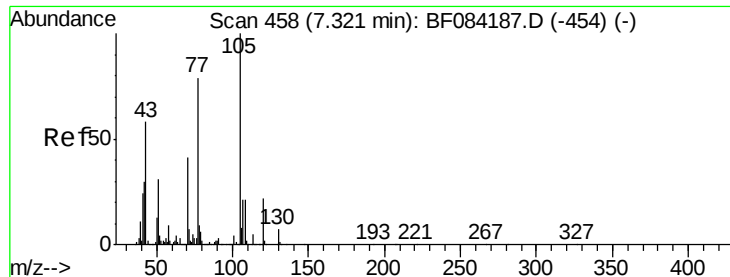
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.4	89.8	134.6
77	58.0	35.7	53.5#
79	55.0	35.7	53.5#



#18
Hexachloroethane
Concen: 52.86 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.0
201	69.0	68.6	103.0

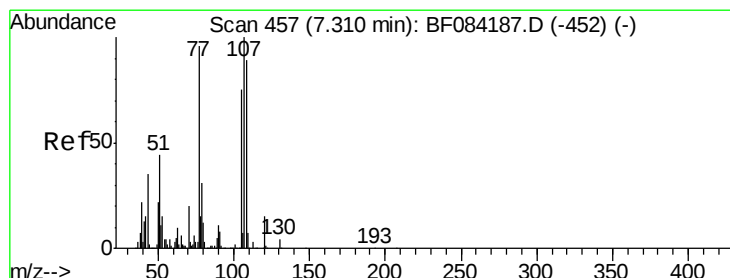
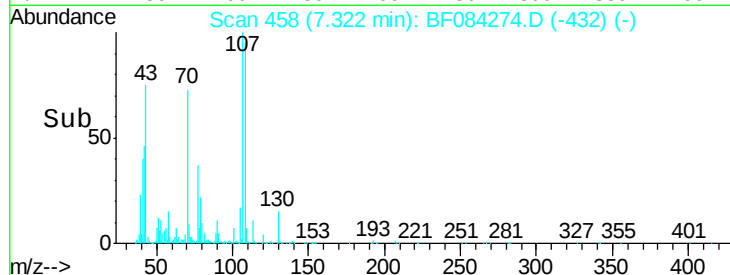
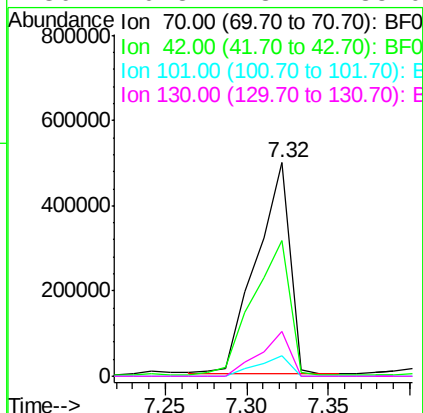
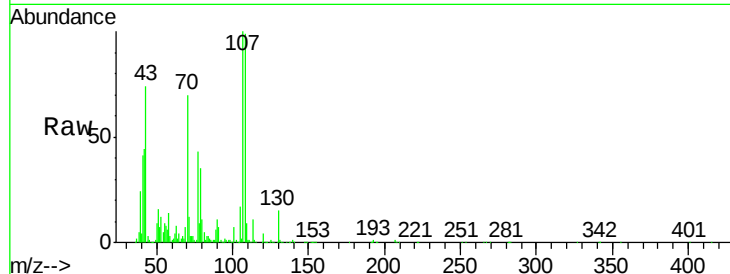




#19
n-Nitroso-di-n-propylamine
Concen: 50.20 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

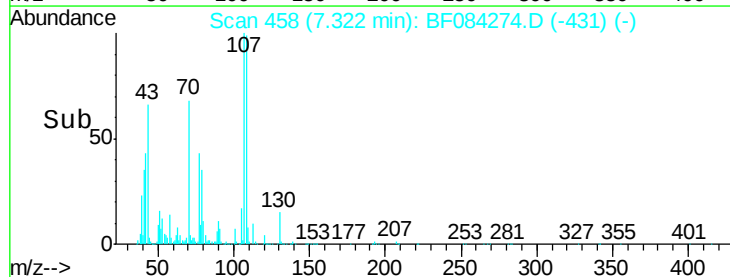
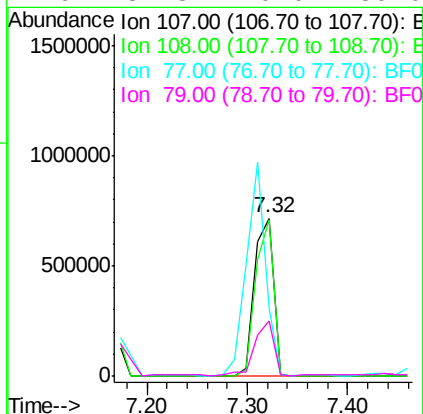
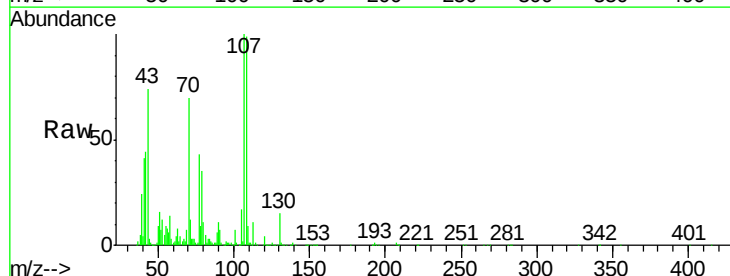
Instrument :
BNA_F
ClientSampleId :

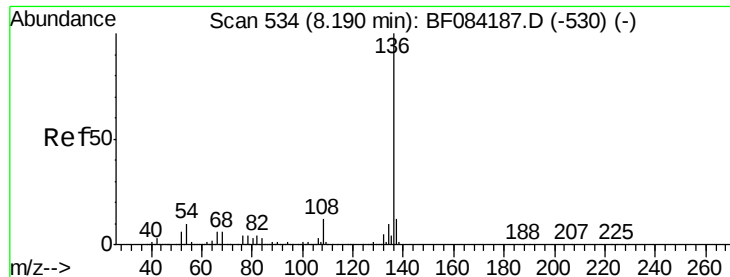
Tot Ion	Ratio	Lower	Upper
70	100		
42	63.3	33.3	49.9#
101	9.4	9.3	13.9
130	20.8	23.4	35.0#



#20
3+4-Methylphenols
Concen: 50.76 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	98.9	74.6	114.6
77	43.5	0.7	40.7#
79	34.8	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1004965

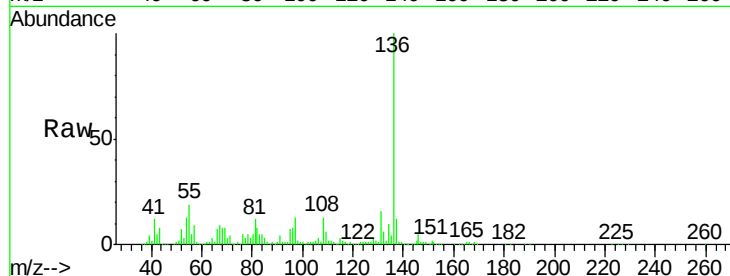
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 12.6 5.8 8.8#

68 8.2 4.2 6.2#

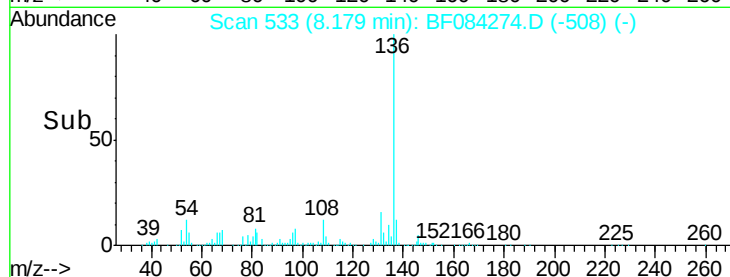


Abundance Ion 136.00 (135.70 to 136.70): E

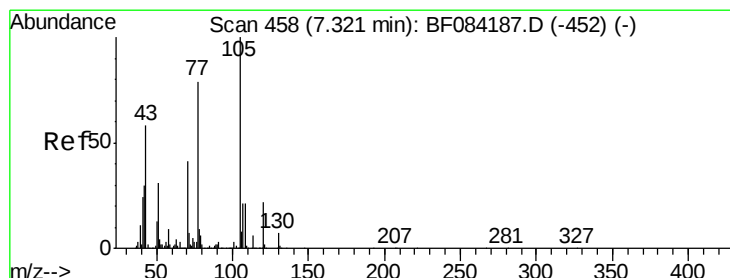
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20



#22

Acetophenone

Concen: 51.54 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:105 Resp: 1245507

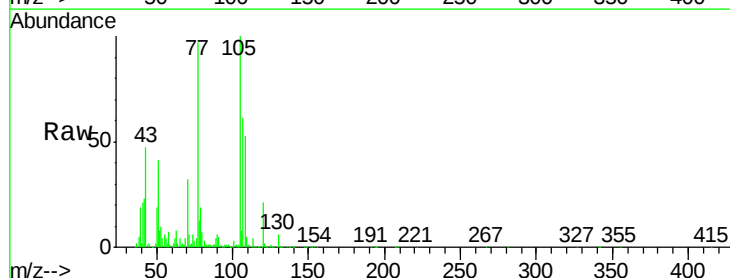
Ion Ratio Lower Upper

105 100

71 5.7 3.7 5.5#

51 40.7 25.1 37.7#

120 21.3 16.6 25.0

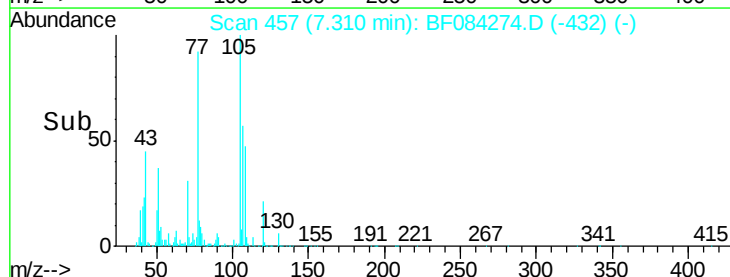


Abundance Ion 105.00 (104.70 to 105.70): E

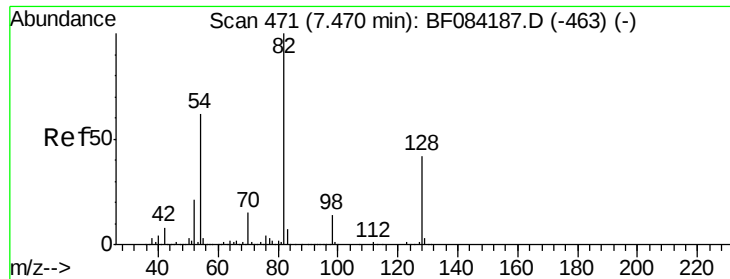
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



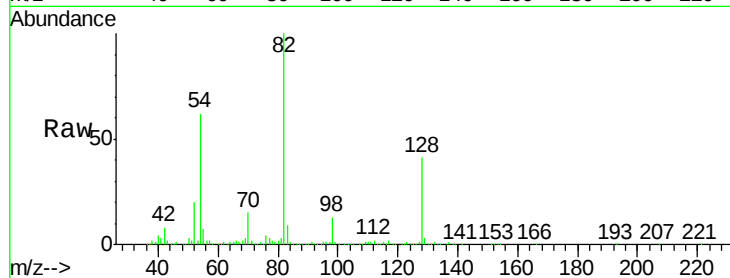
Time--> 7.25 7.30 7.35



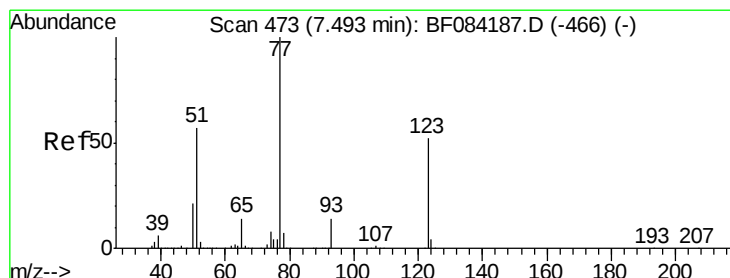
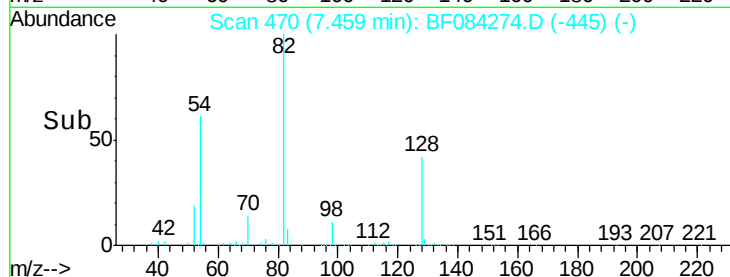
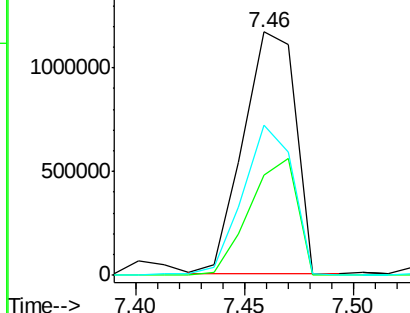
#23
 Nitrobenzene-d5
 Concen: 108.22 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1954078
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 51.8
 54 61.5 38.4 57.6#

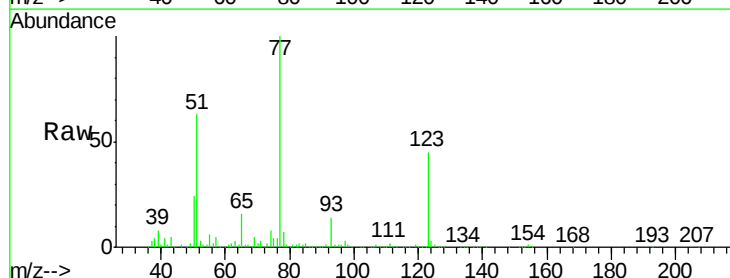


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

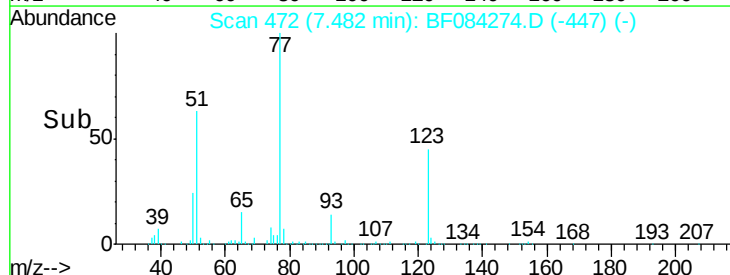
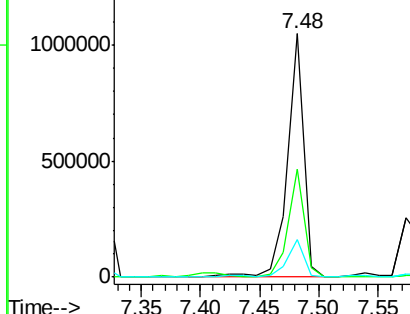


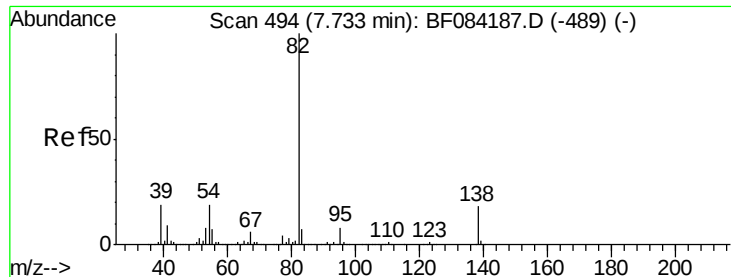
#24
 Nitrobenzene
 Concen: 52.84 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion: 77 Resp: 967794
 Ion Ratio Lower Upper
 77 100
 123 44.6 37.4 56.2
 65 15.5 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 53.28 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

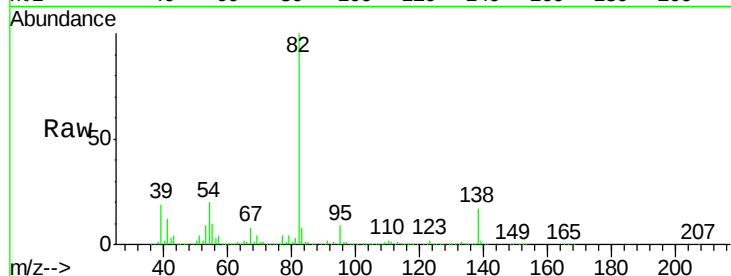
Tot Ion: 82 Resp: 1839849

Ion Ratio Lower Upper

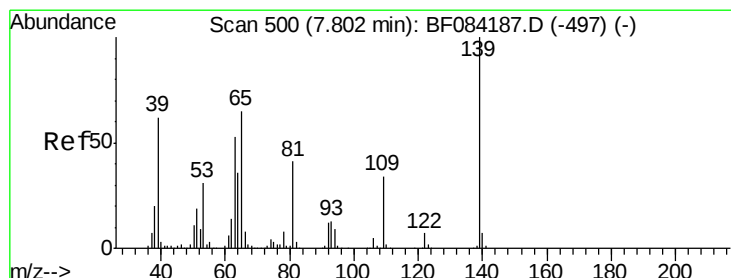
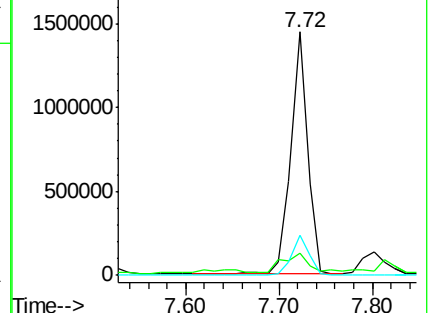
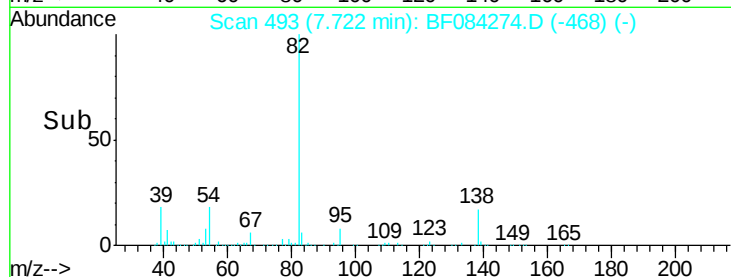
82 100

95 9.2 6.6 10.0

138 16.6 13.6 20.4



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



#26

2-Nitrophenol

Concen: 61.14 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

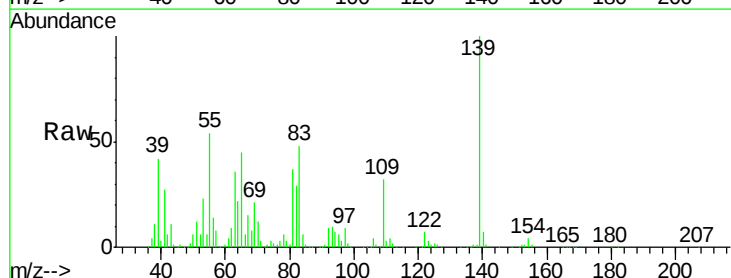
Tgt Ion: 139 Resp: 509579

Ion Ratio Lower Upper

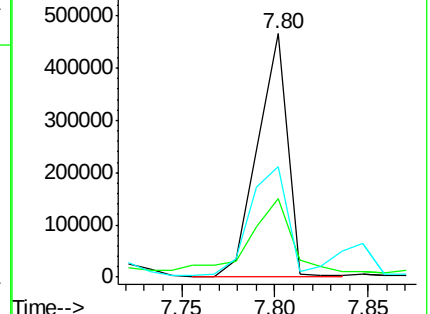
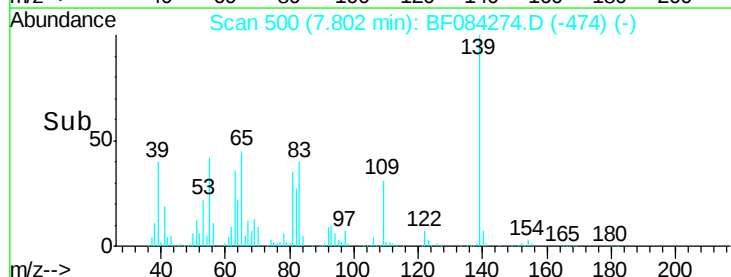
139 100

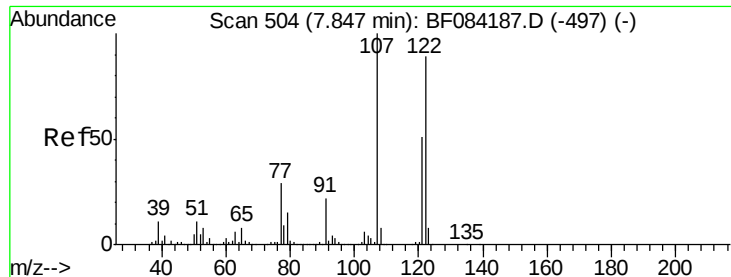
109 32.2 25.4 38.2

65 45.2 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 45.34 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

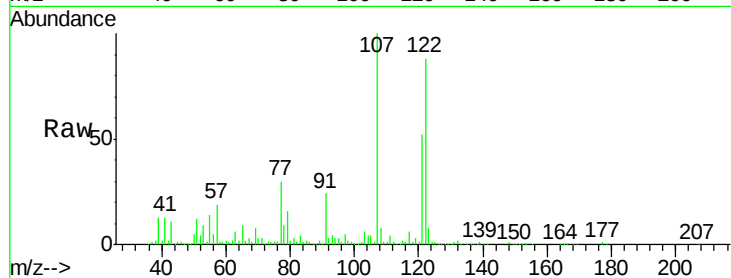
Tot Ion:122 Resp: 765042

Ion Ratio Lower Upper

122 100

107 113.5 99.1 148.7

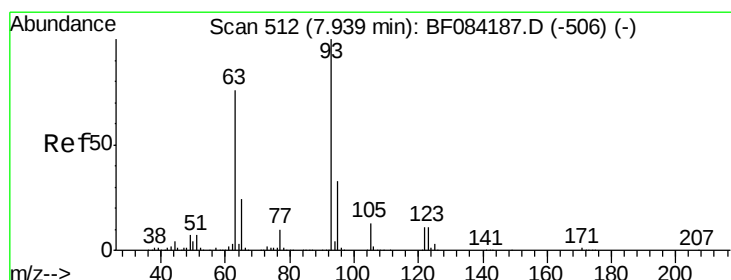
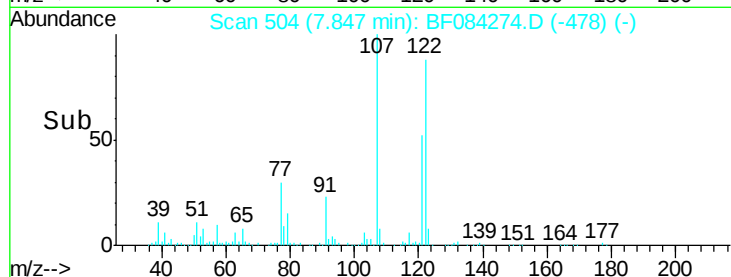
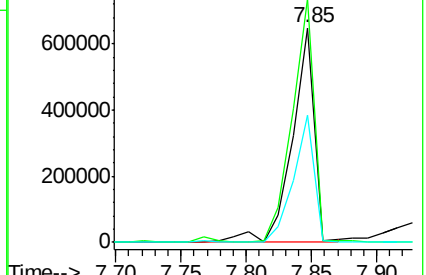
121 59.0 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 54.67 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

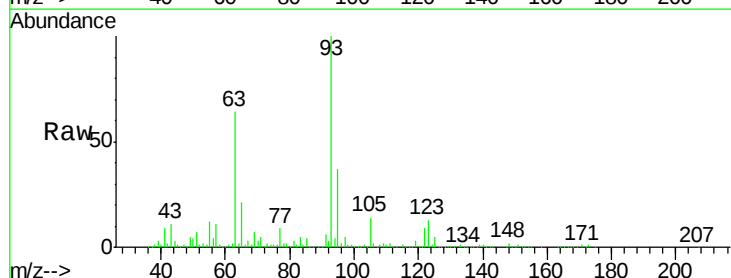
Tgt Ion: 93 Resp: 1153161

Ion Ratio Lower Upper

93 100

95 36.9 25.8 38.6

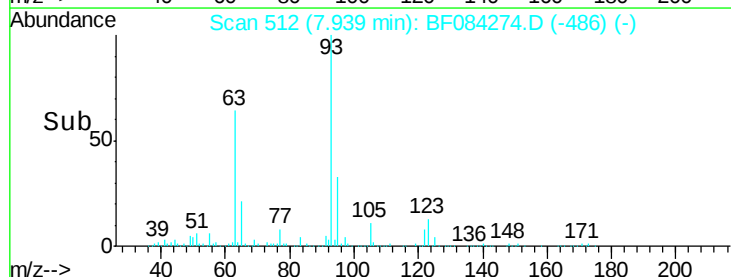
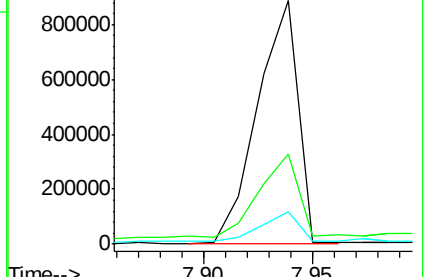
123 13.2 8.6 12.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.85 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

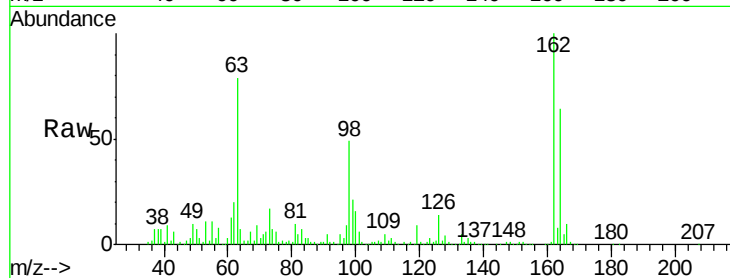
Tot Ion:162 Resp: 714638

Ion Ratio Lower Upper

162 100

164 63.8 44.1 84.1

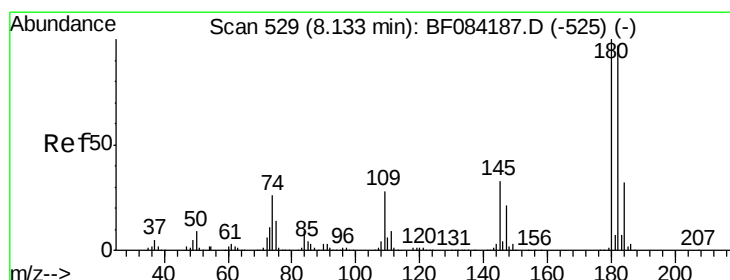
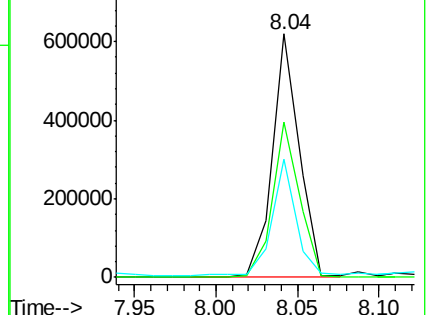
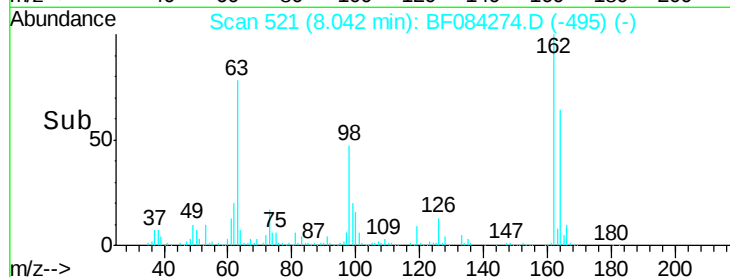
98 48.6 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 50.78 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

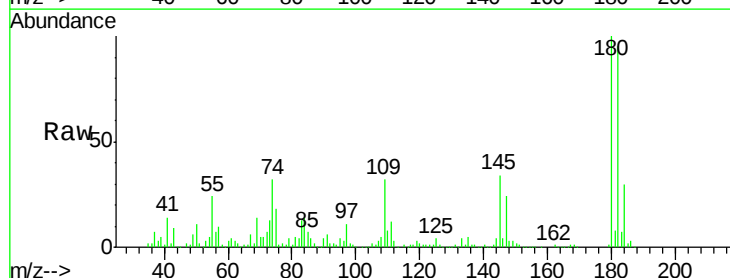
Tgt Ion:180 Resp: 736743

Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

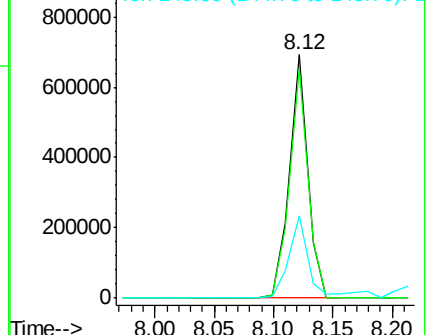
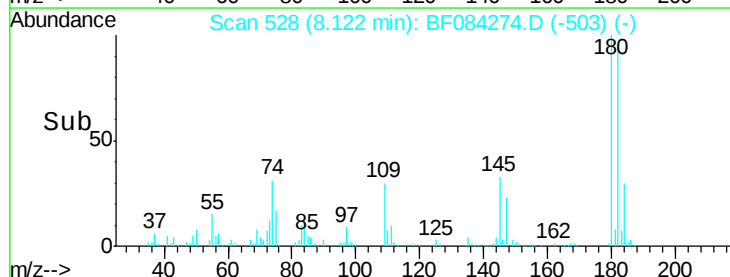
145 33.6 31.6 47.4

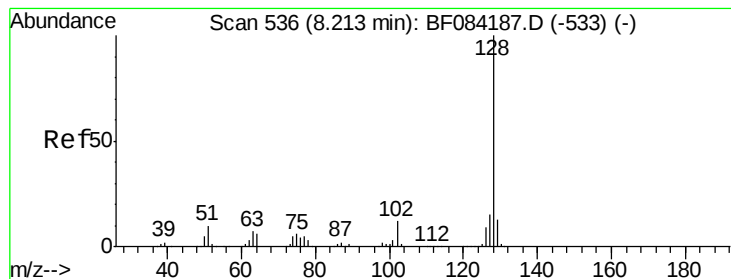


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 51.03 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

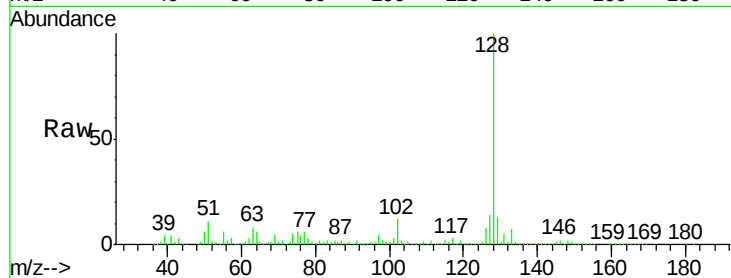
Tot Ion:128 Resp: 2326723

Ion Ratio Lower Upper

128 100

129 13.3 9.1 13.7

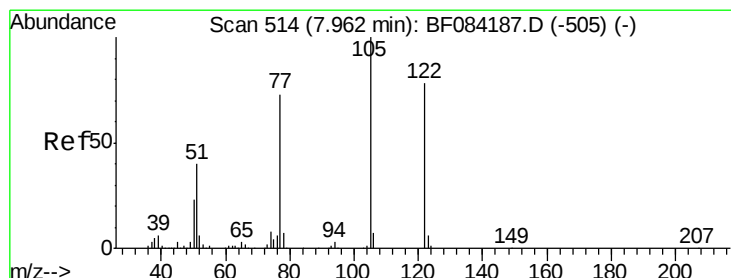
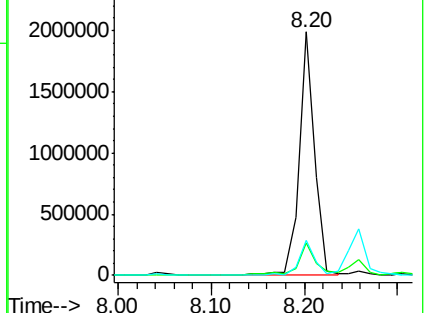
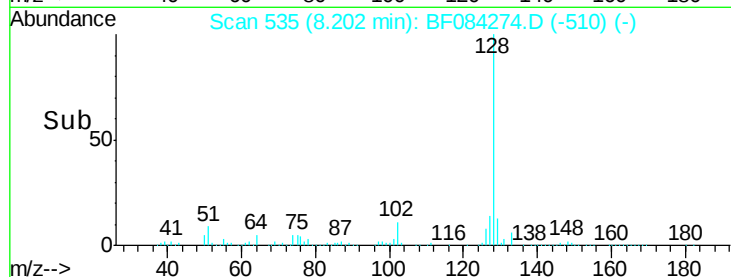
127 14.4 11.1 16.7



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: 22.43 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

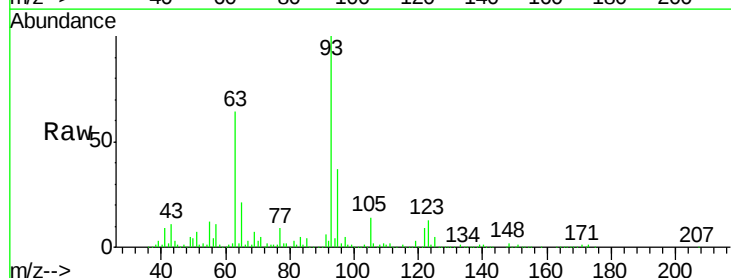
Tgt Ion:122 Resp: 201864

Ion Ratio Lower Upper

122 100

105 159.5 100.3 140.3#

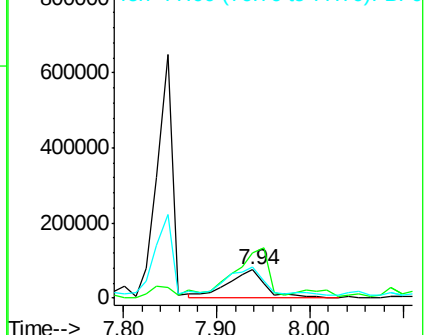
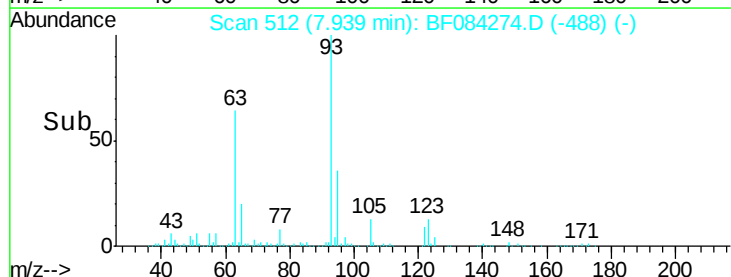
77 111.2 63.5 103.5#

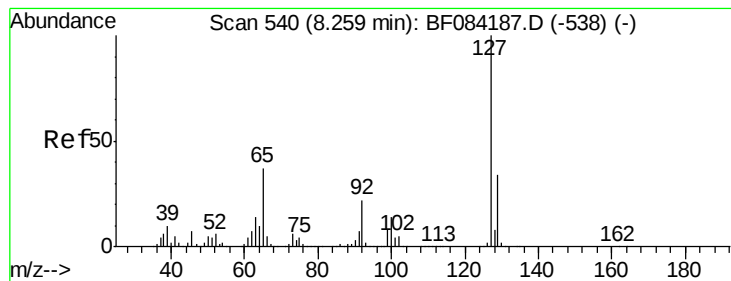


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 22.66 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 473726

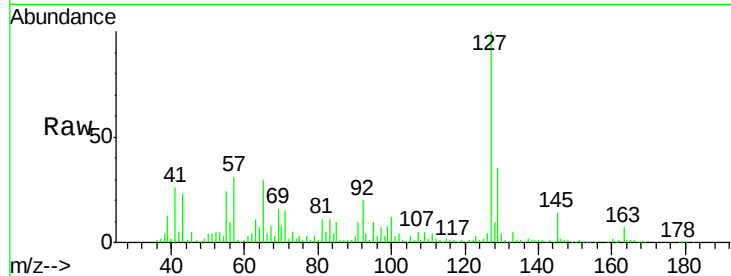
Ion Ratio Lower Upper

127 100

129 34.8 26.5 39.7

65 29.7 27.2 40.8

92 20.0 17.7 26.5

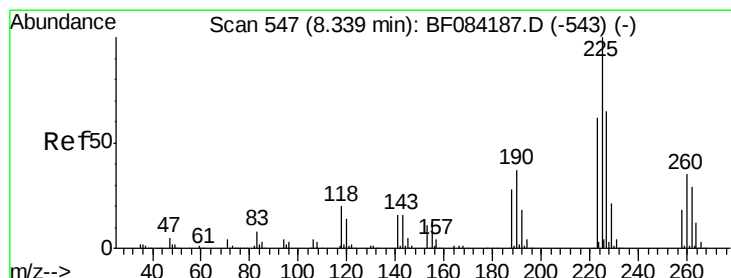
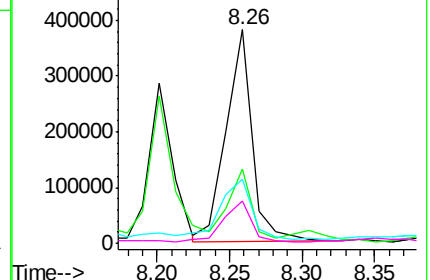
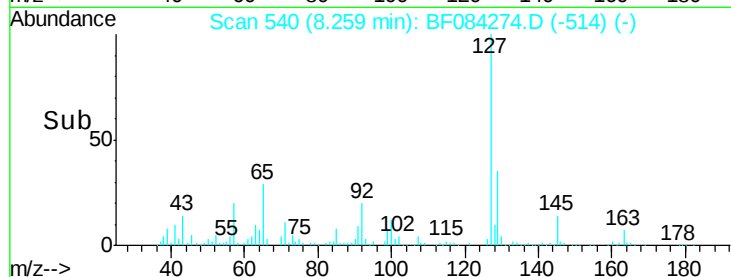


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 53.25 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

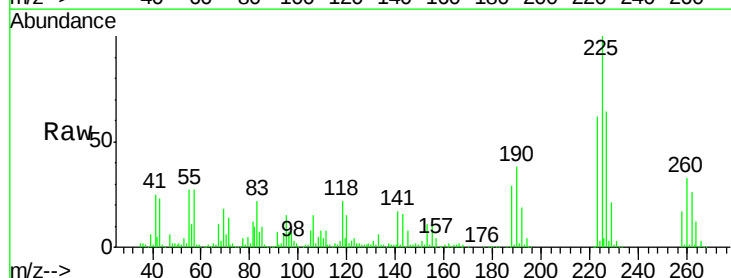
Tgt Ion:225 Resp: 444101

Ion Ratio Lower Upper

225 100

223 61.8 49.4 74.0

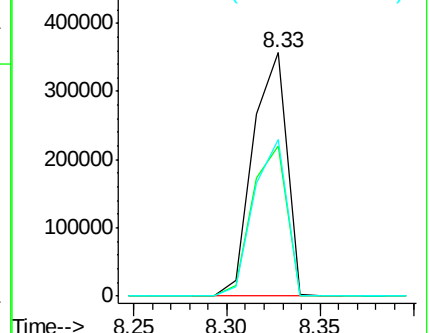
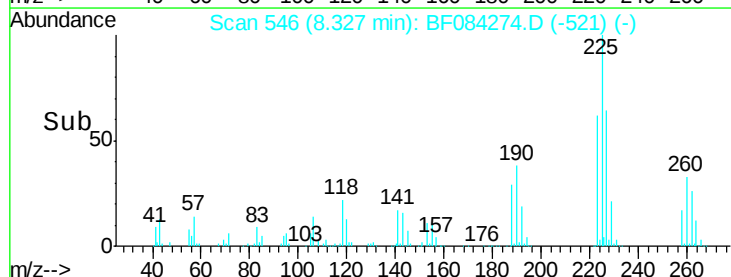
227 64.3 50.8 76.2

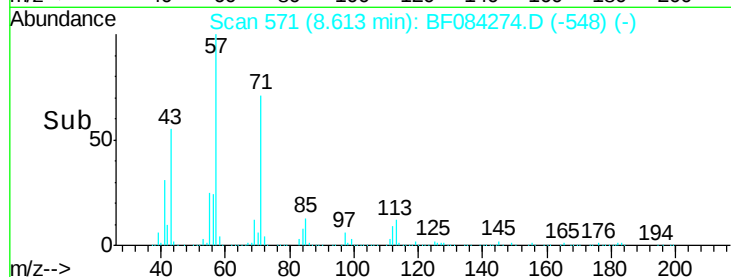
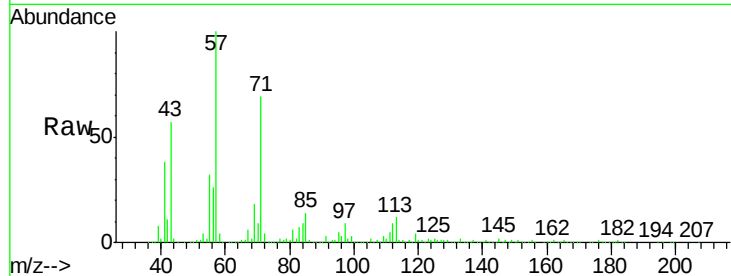
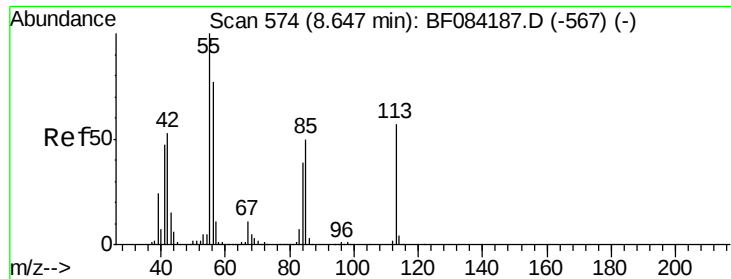


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

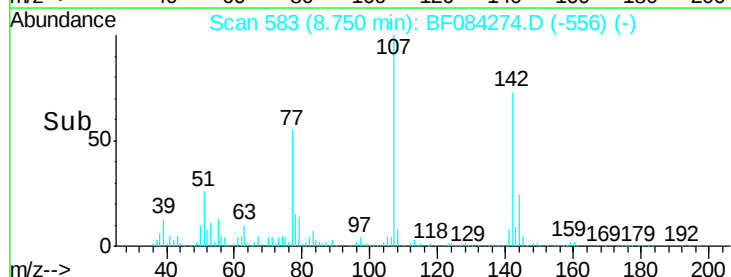
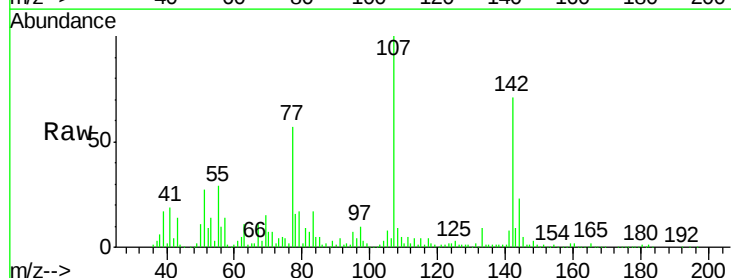
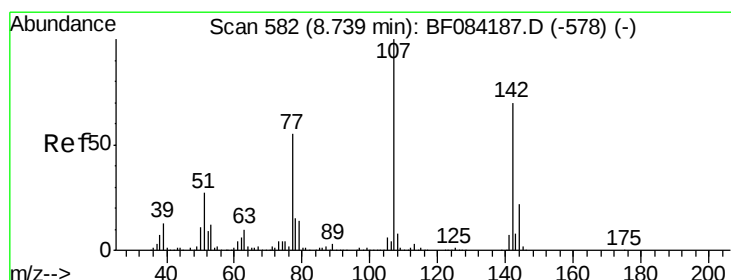
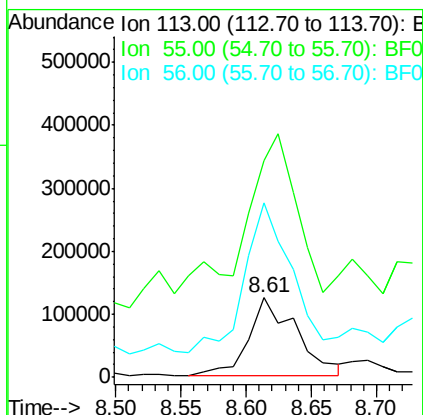




#35
Caprolactam
Concen: 66.39 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

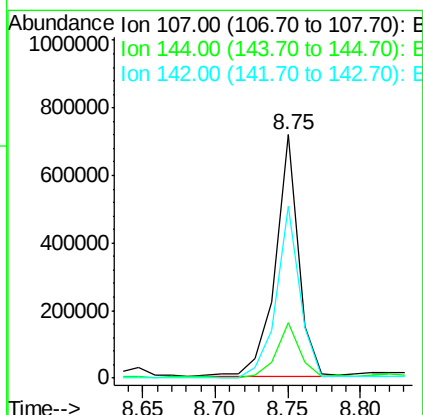
Instrument :
BNA_F
ClientSampled :

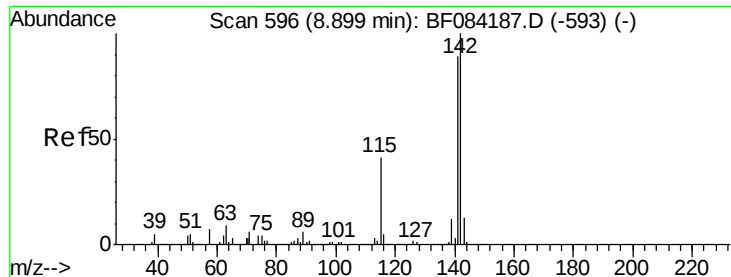
Tot Ion:113 Resp: 314548
Ion Ratio Lower Upper
113 100
55 273.7 116.9 156.9#
56 219.9 93.8 133.8#



#36
4-Chloro-3-methylphenol
Concen: 50.02 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion:107 Resp: 787492
Ion Ratio Lower Upper
107 100
144 23.0 19.7 29.5
142 70.9 61.8 92.6

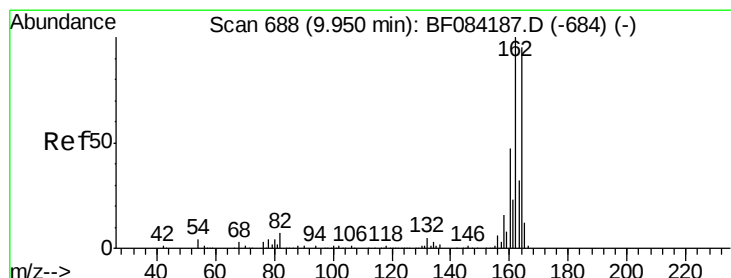
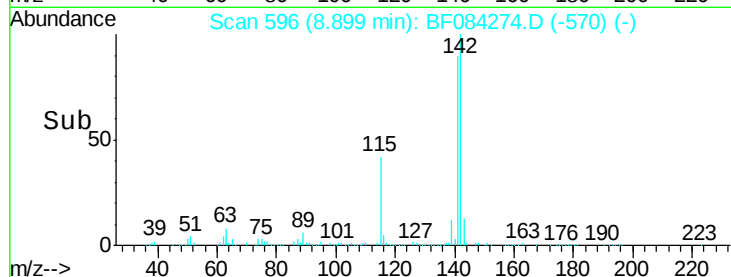
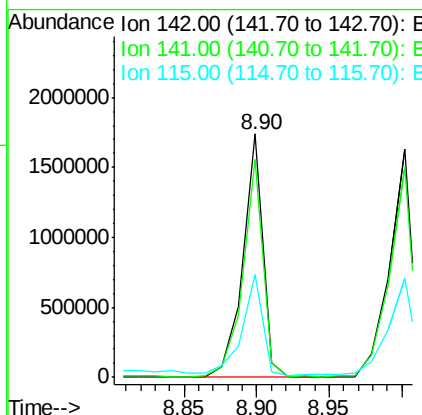
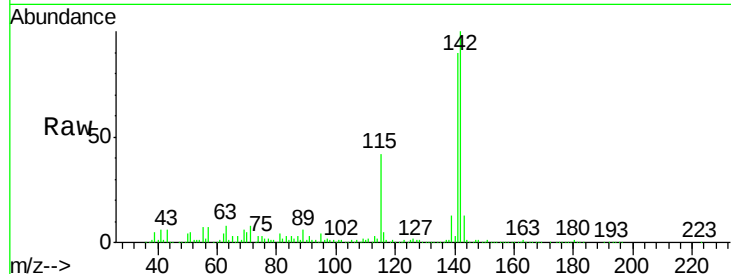




#37
2-Methylnaphthalene
Concen: 51.03 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

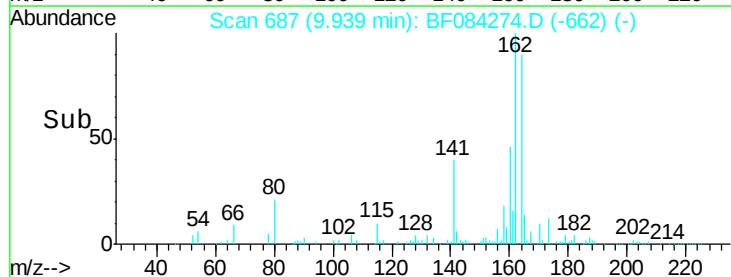
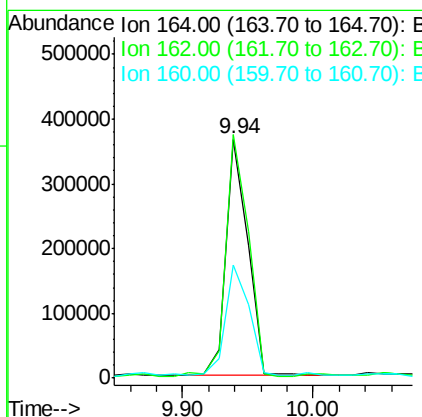
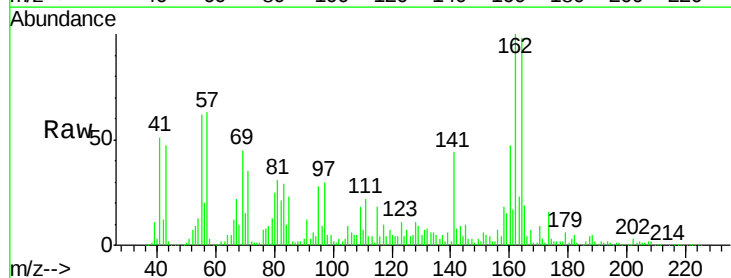
Instrument :
BNA_F
ClientSampleId :

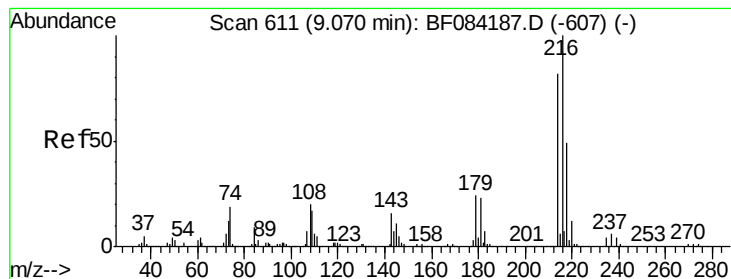
Tot Ion:142 Resp: 1670314
Ion Ratio Lower Upper
142 100
141 89.7 72.4 108.6
115 42.3 27.9 41.9#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion:164 Resp: 425559
Ion Ratio Lower Upper
164 100
162 102.0 85.1 127.7
160 47.6 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.60 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 668012

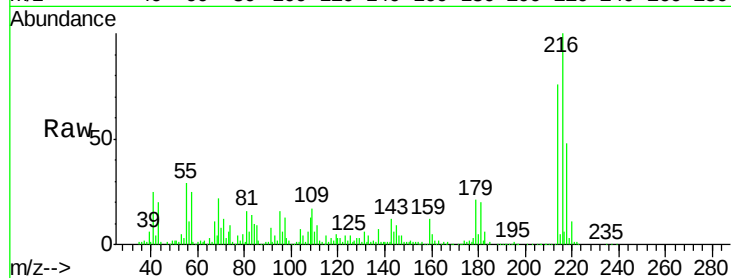
Ion Ratio Lower Upper

216 100

214 77.6 64.2 96.2

179 27.2 18.7 28.1

108 22.8 16.8 25.2

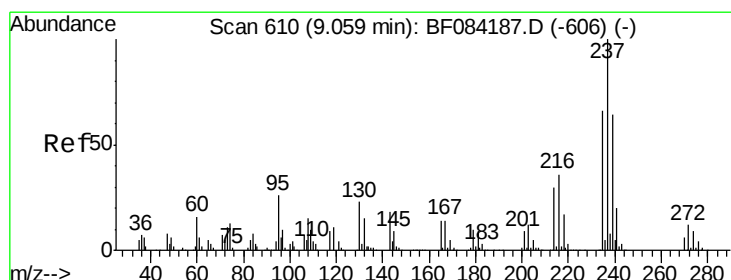
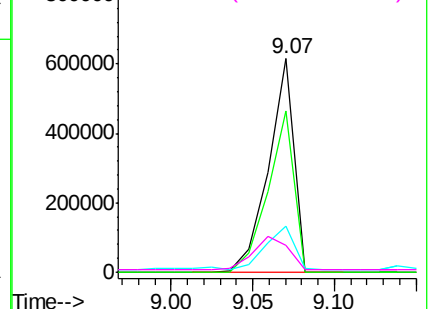
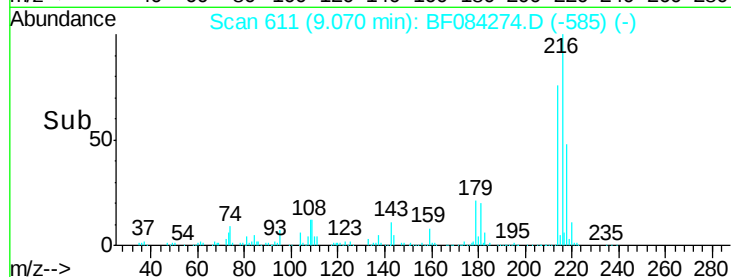


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.76 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

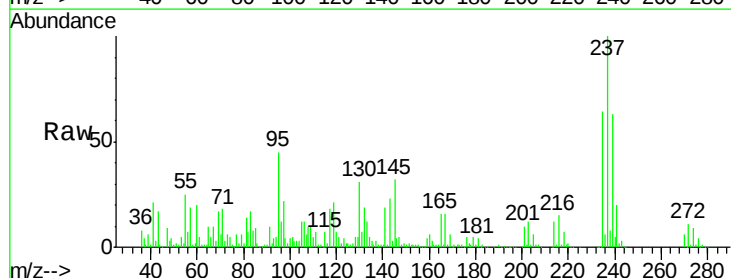
Tgt Ion:237 Resp: 670308

Ion Ratio Lower Upper

237 100

235 63.9 43.1 83.1

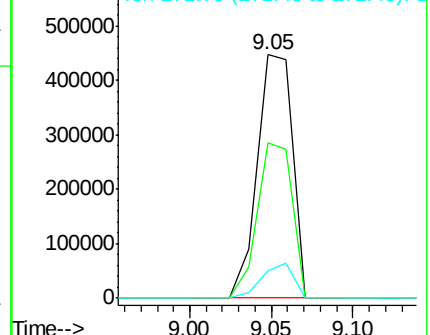
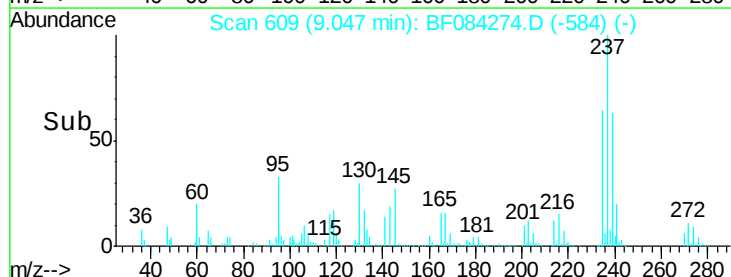
272 11.5 0.0 35.1

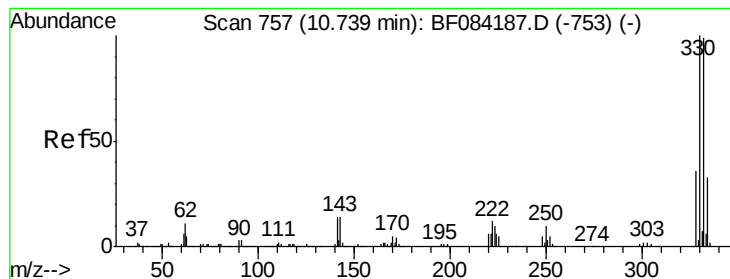


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 147.74 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

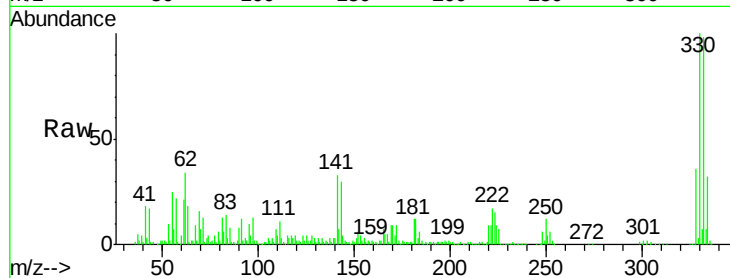
Tot Ion:330 Resp: 634765

Ion Ratio Lower Upper

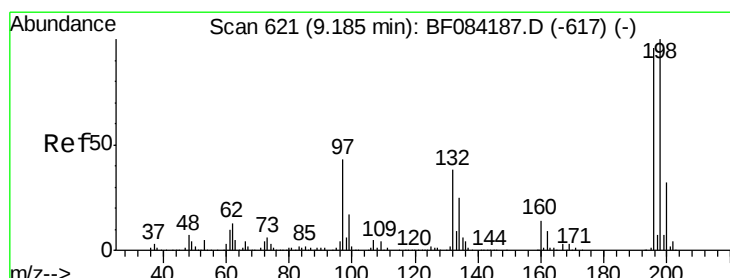
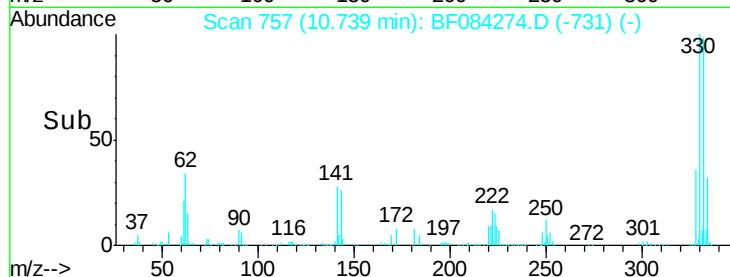
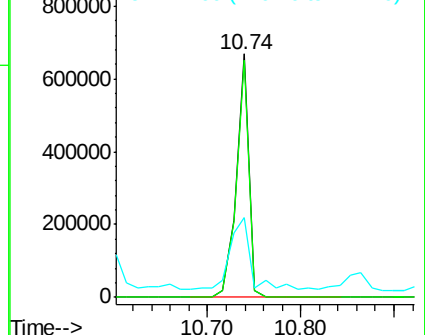
330 100

332 97.2 76.6 114.8

141 48.0 27.8 41.6#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 55.57 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

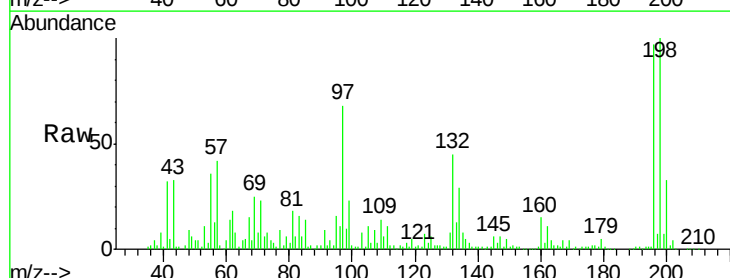
Tgt Ion:196 Resp: 508636

Ion Ratio Lower Upper

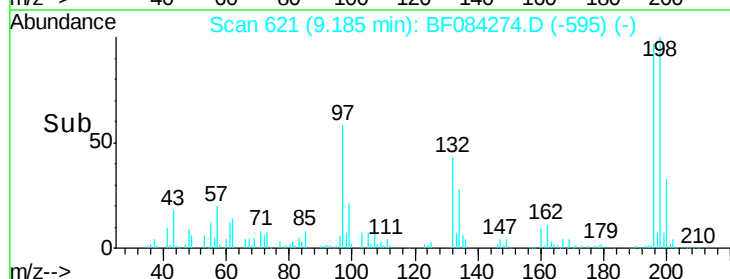
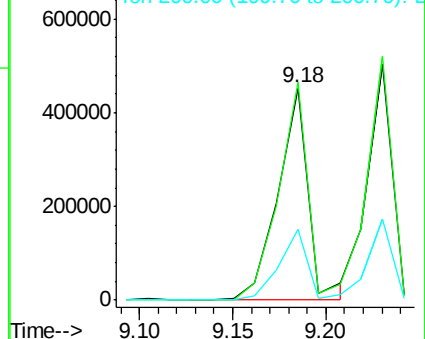
196 100

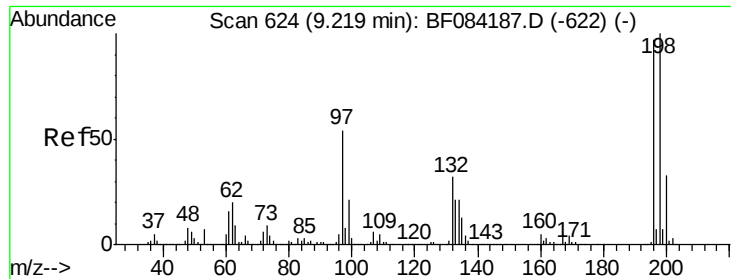
198 102.8 77.7 116.5

200 33.5 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

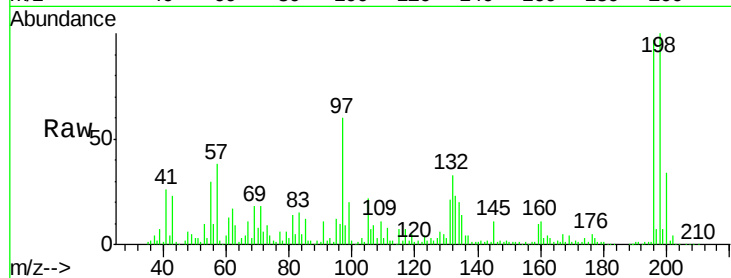




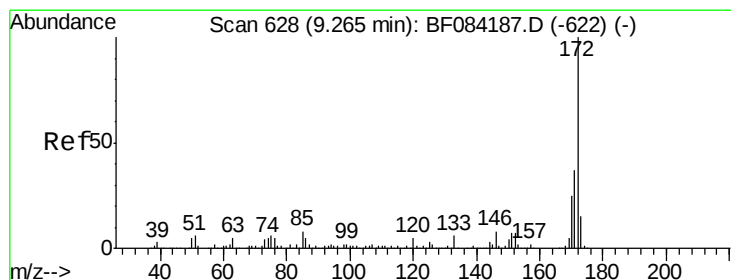
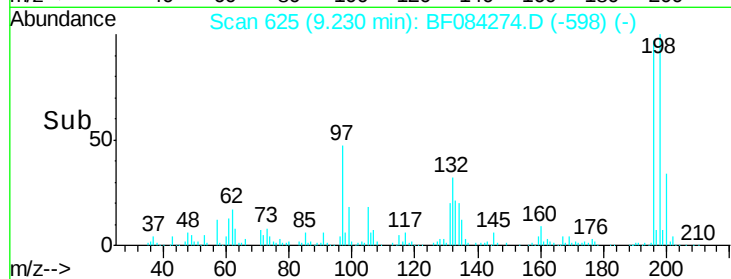
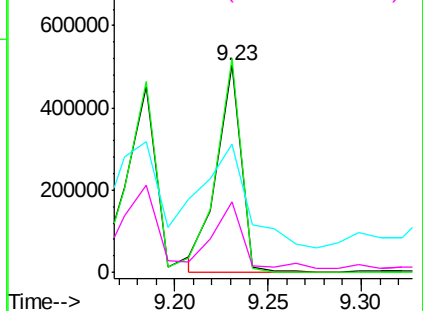
#43
 2,4,5-Trichlorophenol
 Concen: 51.96 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 455921
 Ion Ratio Lower Upper
 196 100
 198 103.2 79.0 118.6
 97 61.8 33.0 49.6#
 132 33.7 21.1 31.7#

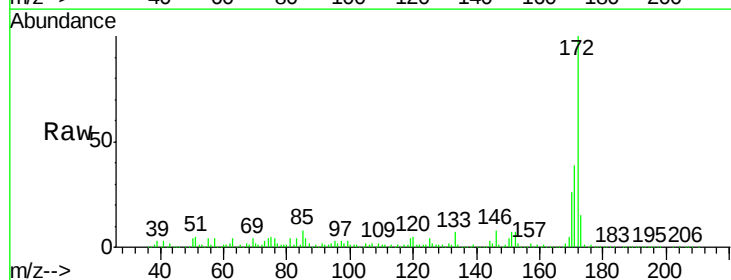


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

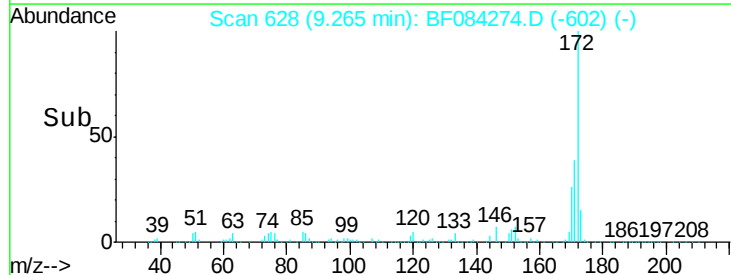
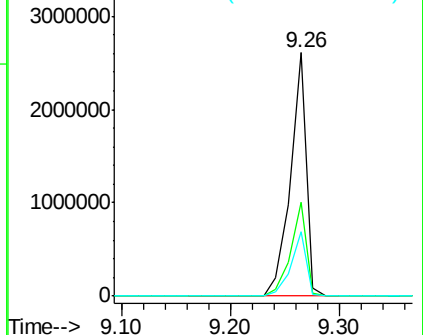


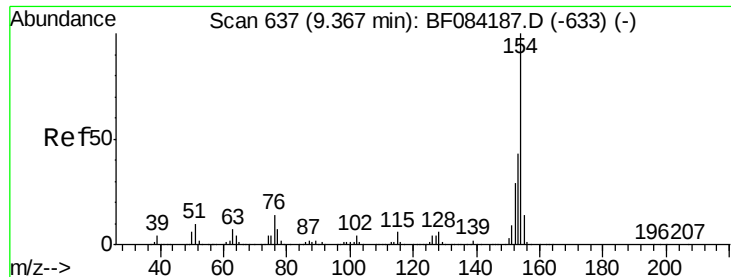
#44
 2-Fluorobiphenyl
 Concen: 112.26 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion:172 Resp: 2666608
 Ion Ratio Lower Upper
 172 100
 171 38.8 28.9 43.3
 170 26.5 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



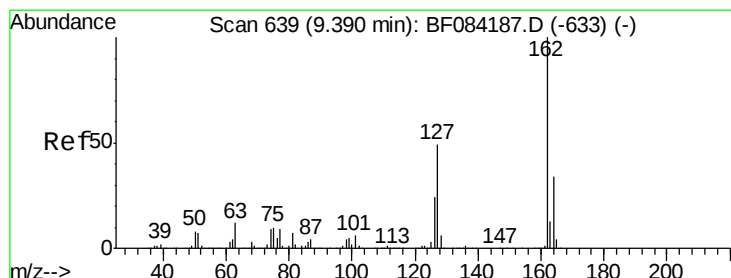
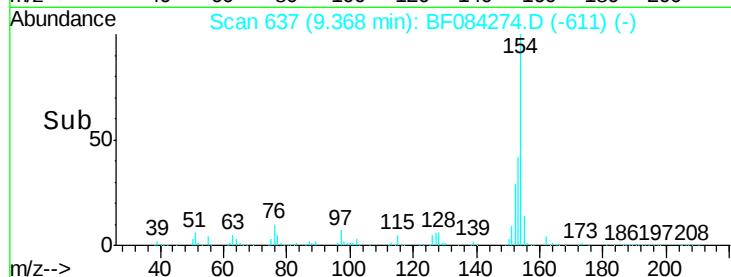
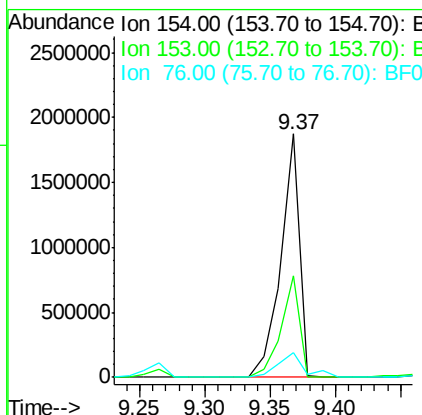
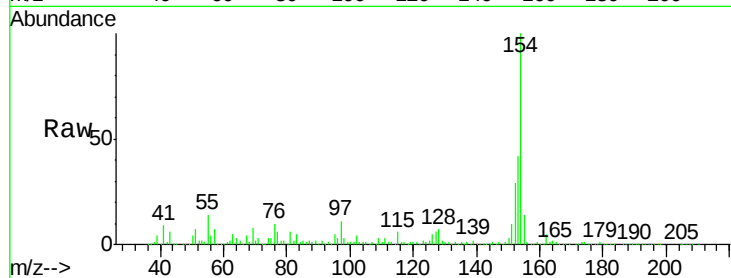


#45
 1,1'-Biphenyl
 Concen: 55.32 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1870897

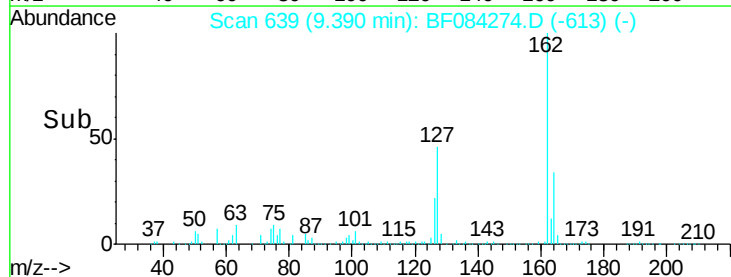
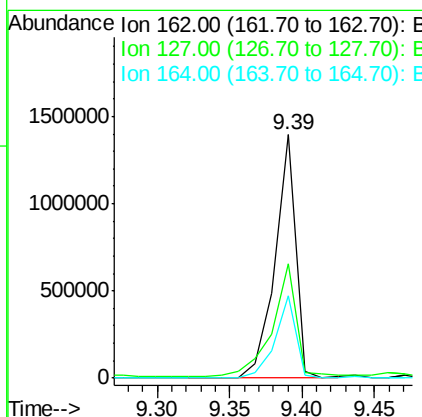
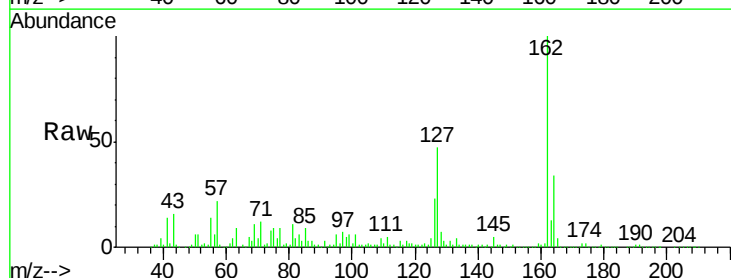
Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.6	61.6
76	10.0	0.0	32.7

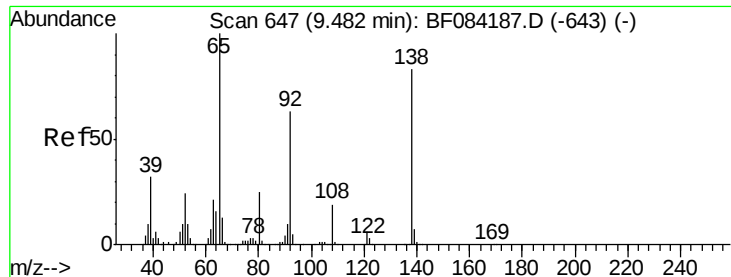


#46
 2-Chloronaphthalene
 Concen: 51.98 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion:162 Resp: 1380875

Ion	Ratio	Lower	Upper
162	100		
127	46.8	40.2	60.4
164	33.8	25.7	38.5





#47

2-Nitroaniline

Concen: 59.79 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampled :

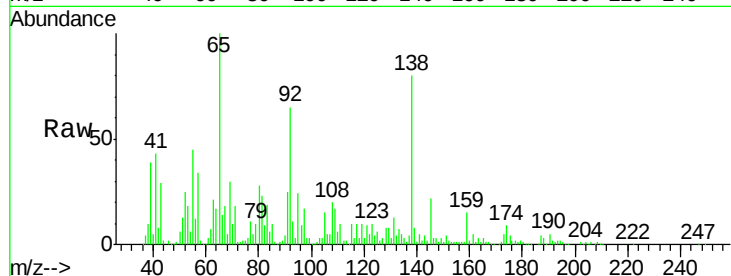
Tot Ion: 65 Resp: 524224

Ion Ratio Lower Upper

65 100

92 65.1 53.4 80.2

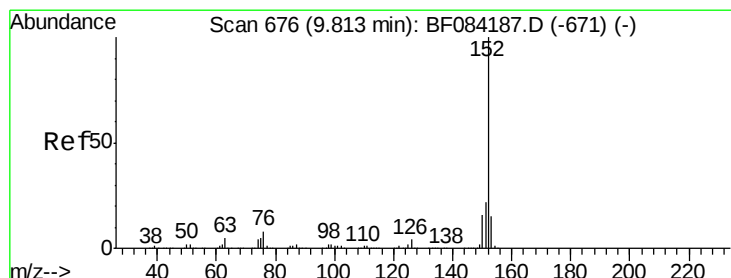
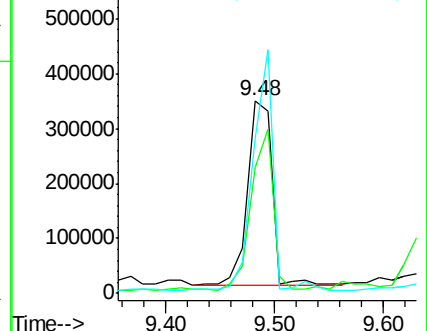
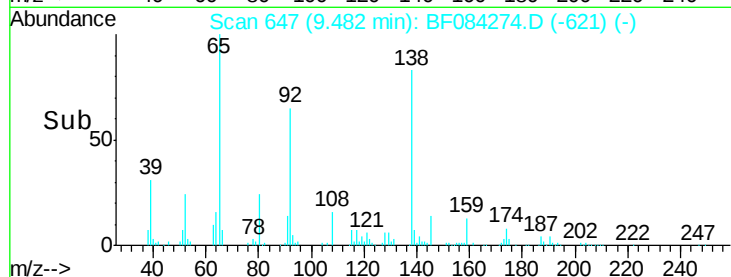
138 80.2 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 51.51 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

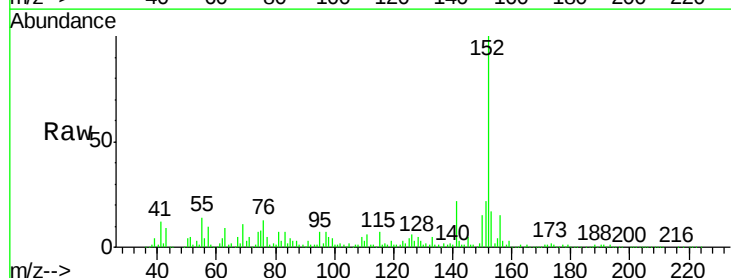
Tgt Ion:152 Resp: 2021711

Ion Ratio Lower Upper

152 100

151 22.0 16.3 24.5

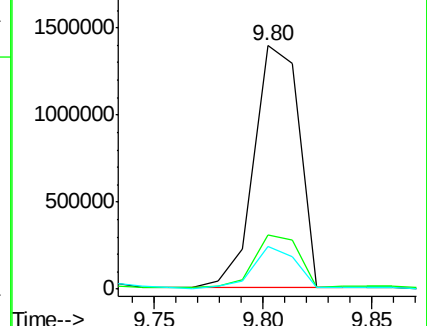
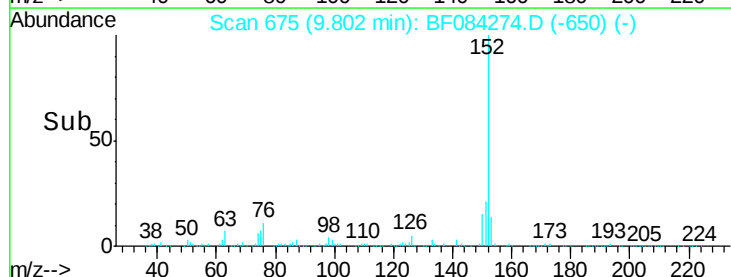
153 17.5 10.4 15.6#

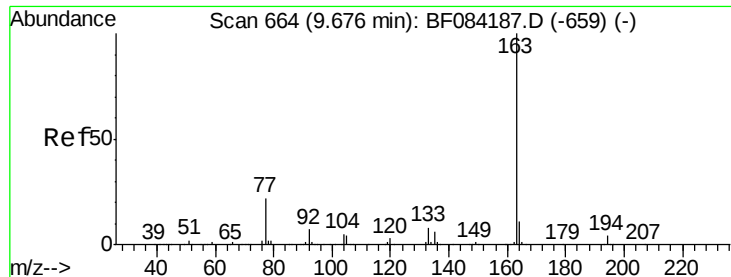


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

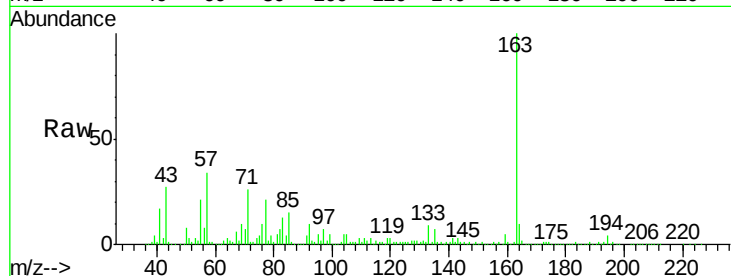




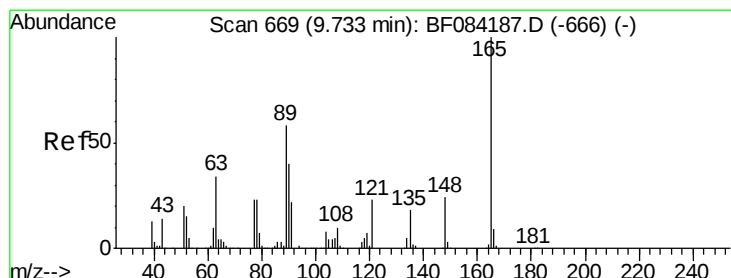
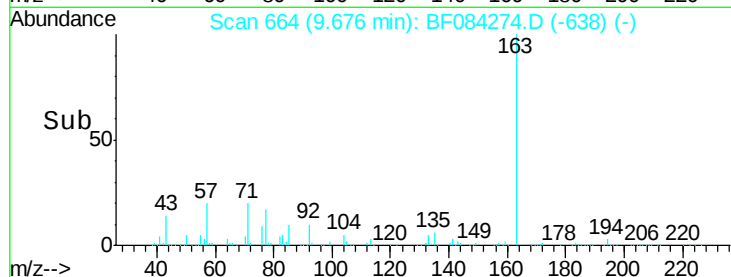
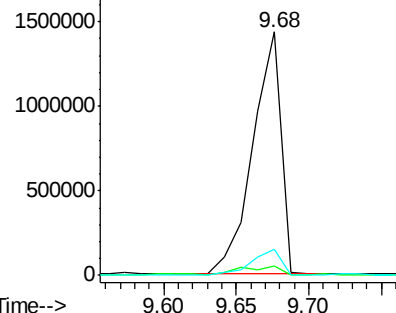
#49
Dimethylphthalate
Concen: 63.36 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1927702
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 10.5 8.0 12.0

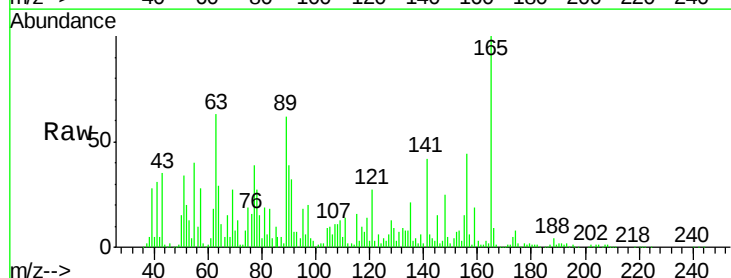


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

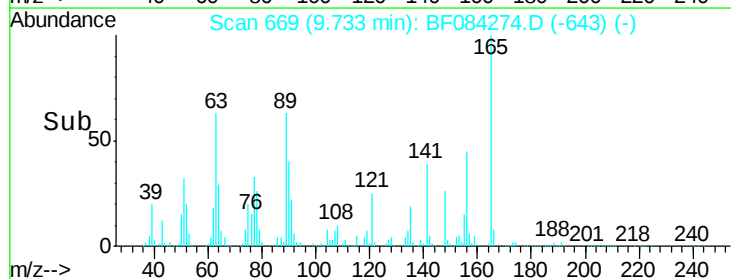
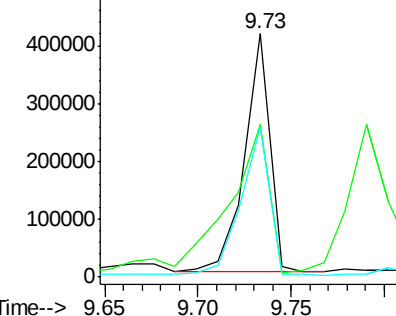


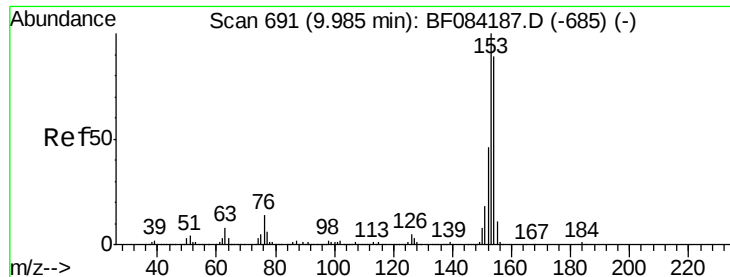
#50
2,6-Dinitrotoluene
Concen: 57.27 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion:165 Resp: 382150
Ion Ratio Lower Upper
165 100
63 62.9 28.8 43.2#
89 61.6 35.1 52.7#



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





#51

Acenaphthene

Concen: 54.44 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

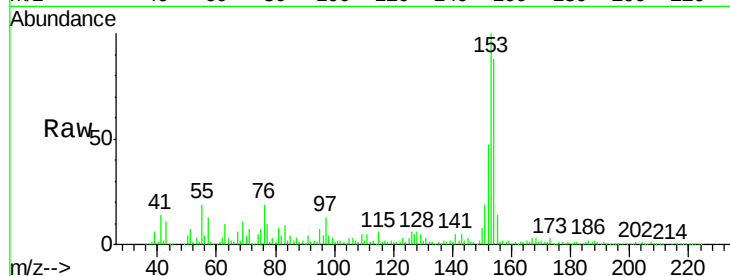
Tot Ion:154 Resp: 1433255

Ion Ratio Lower Upper

154 100

153 113.0 91.5 137.3

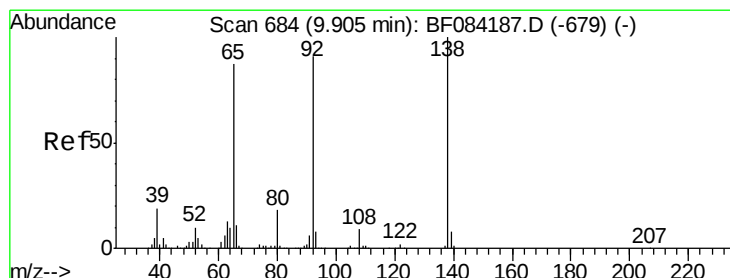
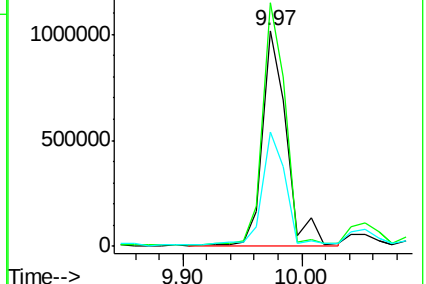
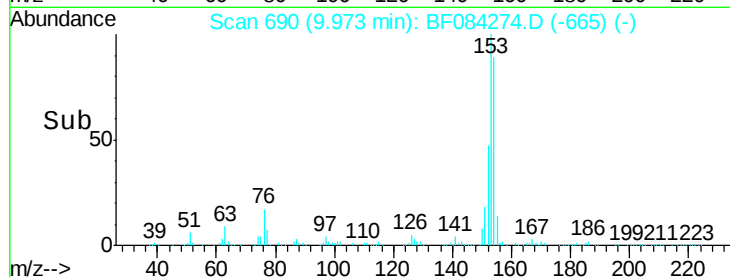
152 53.2 43.0 64.6



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: 38.71 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

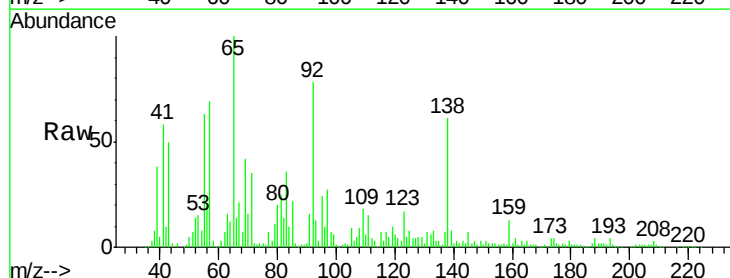
Tgt Ion:138 Resp: 320064

Ion Ratio Lower Upper

138 100

108 15.5 10.5 15.7

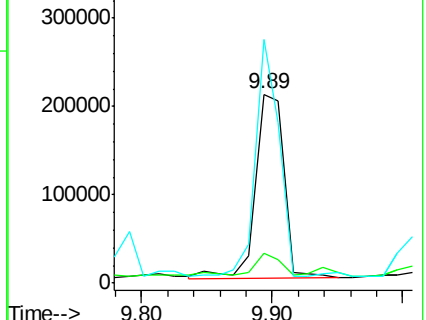
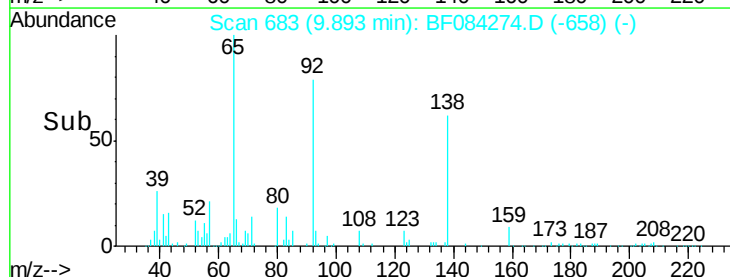
92 129.0 103.9 155.9

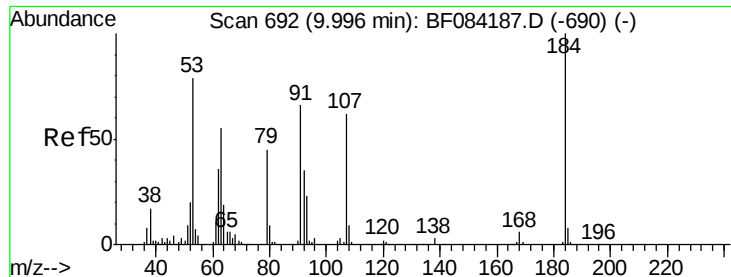


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

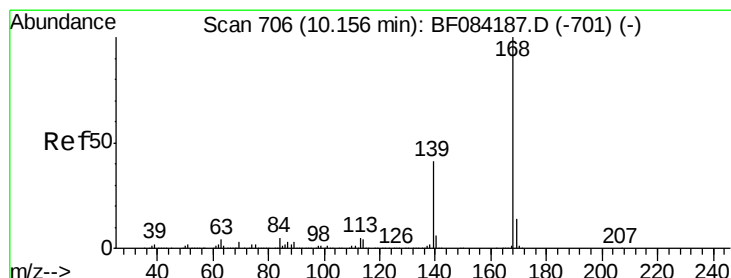
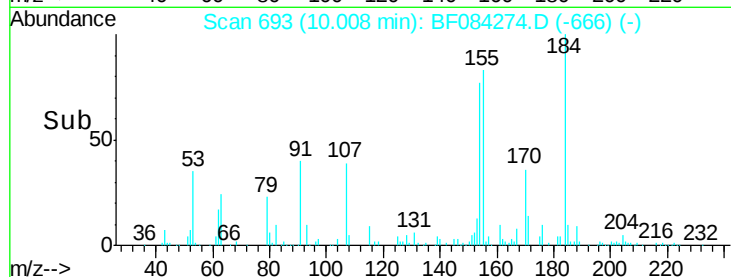
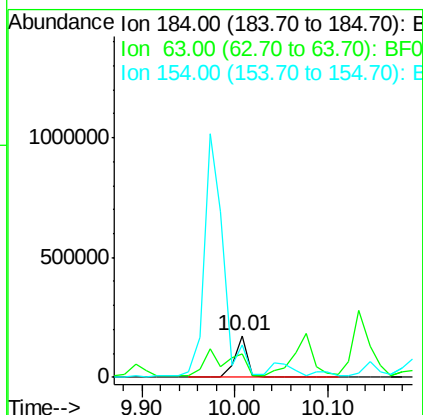
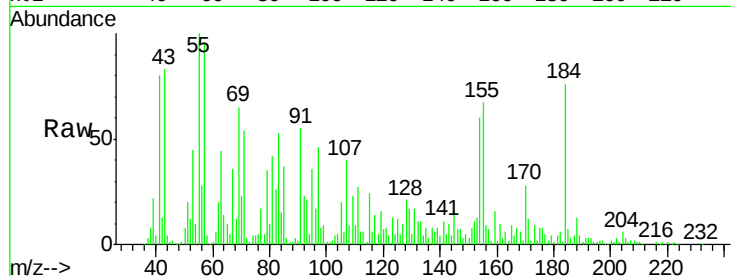




#53
2,4-Dinitrophenol
Concen: 60.06 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

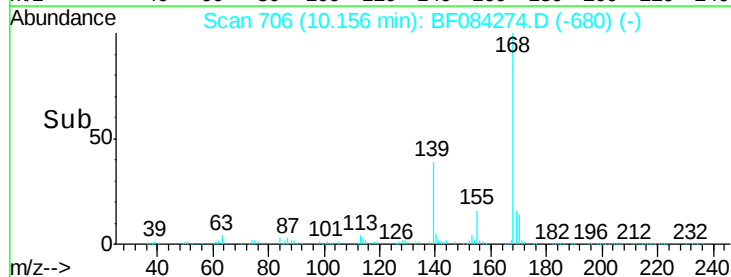
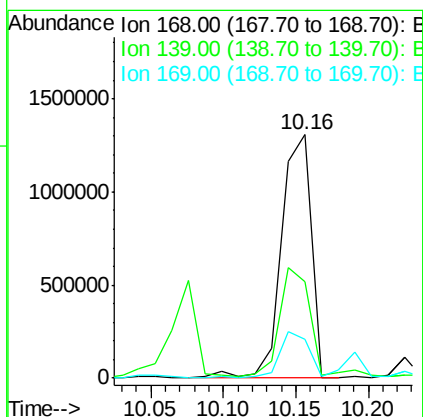
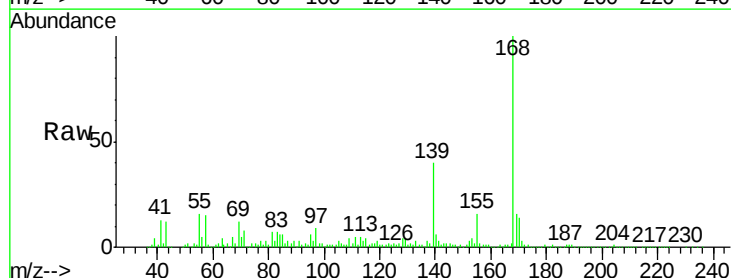
Instrument :
BNA_F
ClientSampleId :

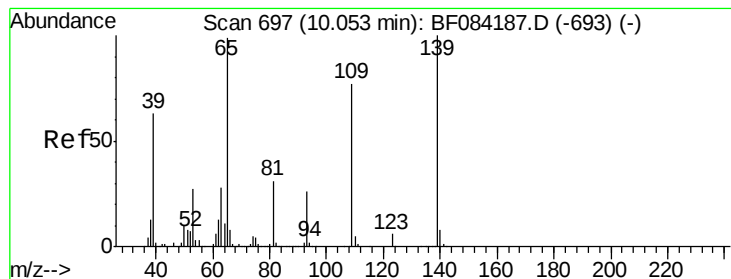
Tot Ion:184 Resp: 168078
Ion Ratio Lower Upper
184 100
63 57.8 43.1 64.7
154 79.4 60.5 90.7



#54
Dibenzofuran
Concen: 54.74 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion:168 Resp: 1844499
Ion Ratio Lower Upper
168 100
139 39.6 30.5 45.7
169 15.9 10.4 15.6#





#55

4-Nitrophenol

Concen: 103.19 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.02 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

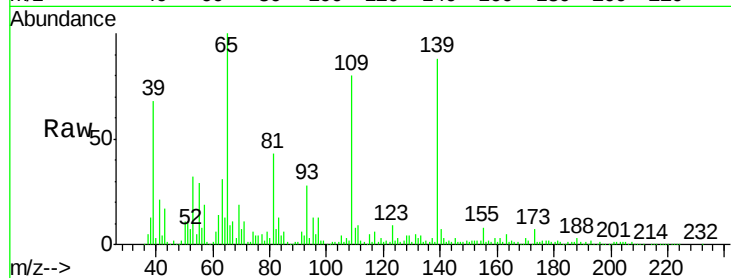
Tot Ion:139 Resp: 619302

Ion Ratio Lower Upper

139 100

109 90.5 58.5 98.5

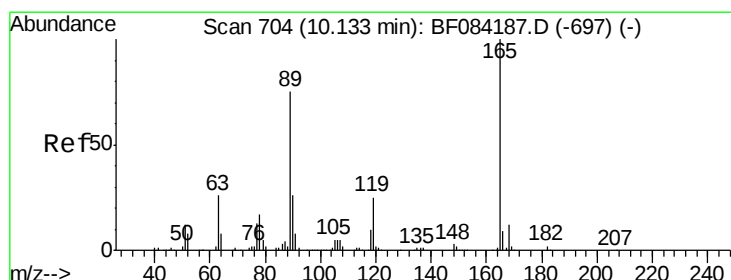
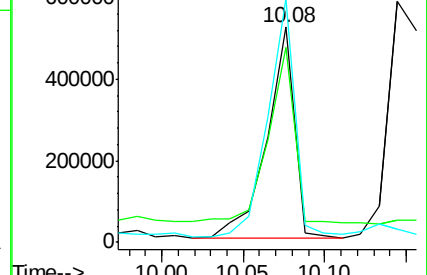
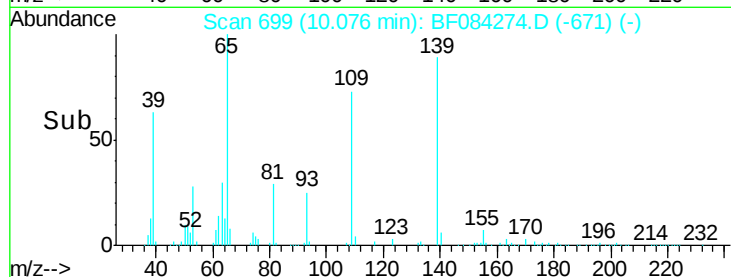
65 113.2 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.92 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:165 Resp: 421592

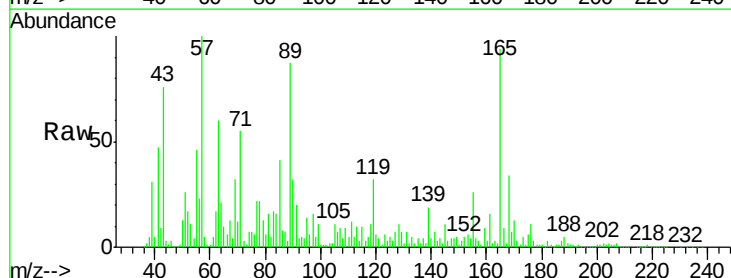
Ion Ratio Lower Upper

165 100

63 63.8 36.7 55.1#

89 93.0 61.9 92.9#

182 2.9 2.0 3.0

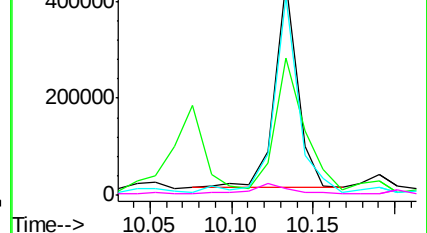
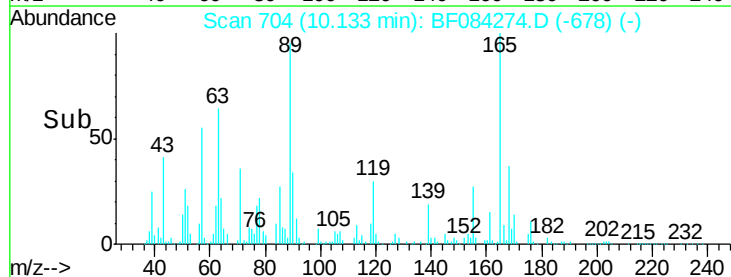


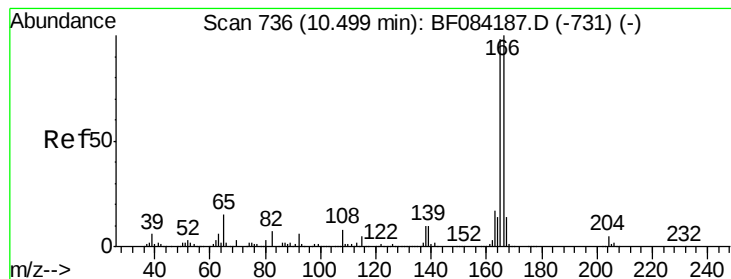
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 60.24 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampled :

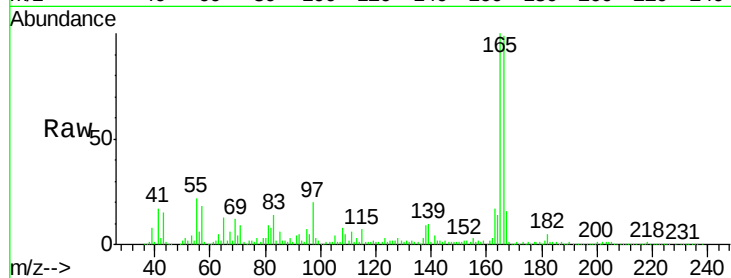
Tot Ion:166 Resp: 1567051

Ion Ratio Lower Upper

166 100

165 100.7 79.1 118.7

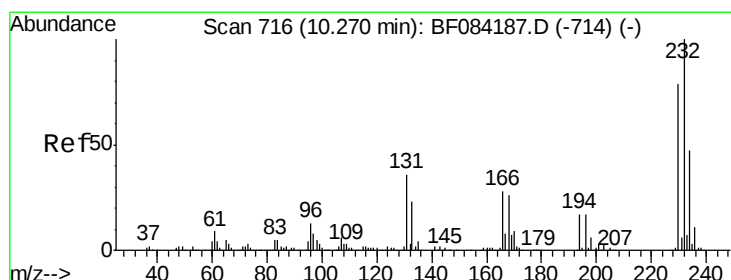
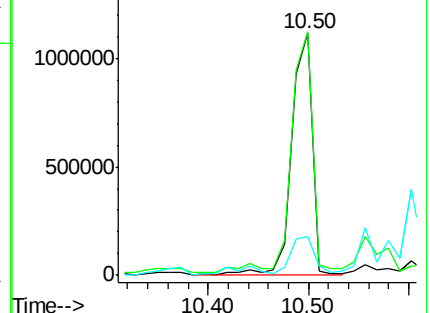
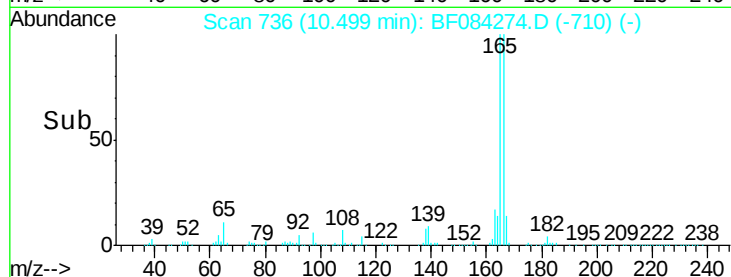
167 15.8 10.4 15.6#



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: 46.04 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:232 Resp: 344883

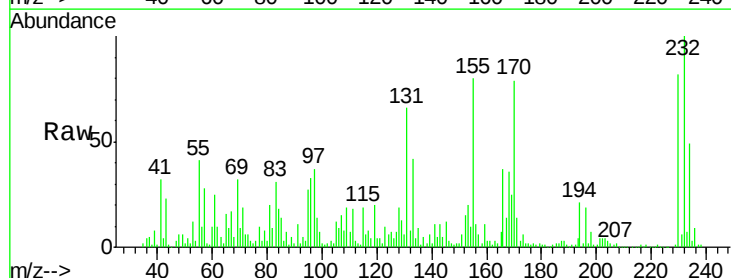
Ion Ratio Lower Upper

232 100

131 66.3 47.0 70.6

130 8.1 2.0 3.0#

166 37.9 30.5 45.7

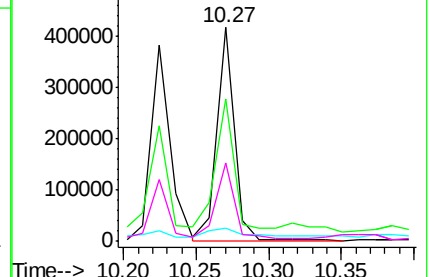
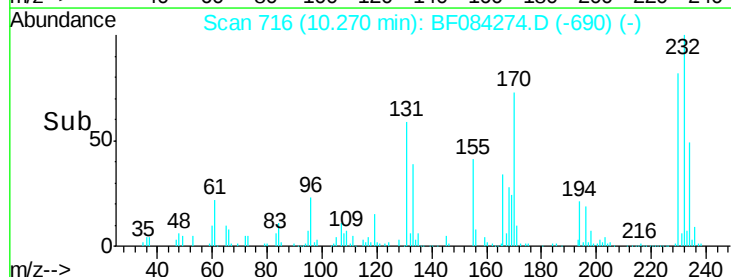


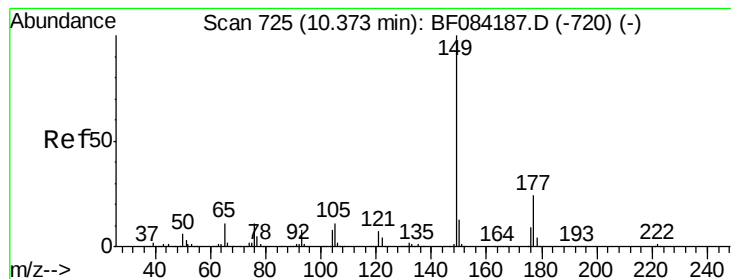
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 53.50 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

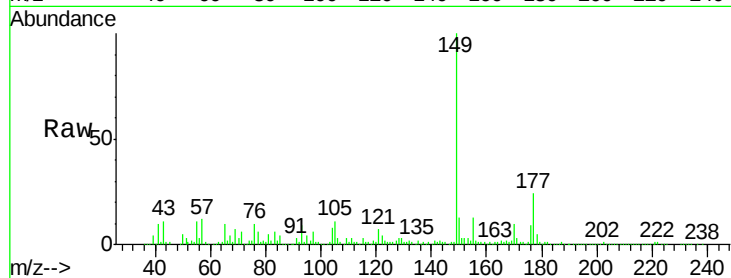
Tot Ion:149 Resp: 1604656

Ion Ratio Lower Upper

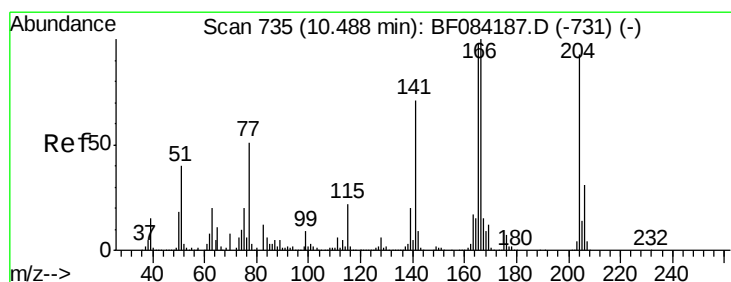
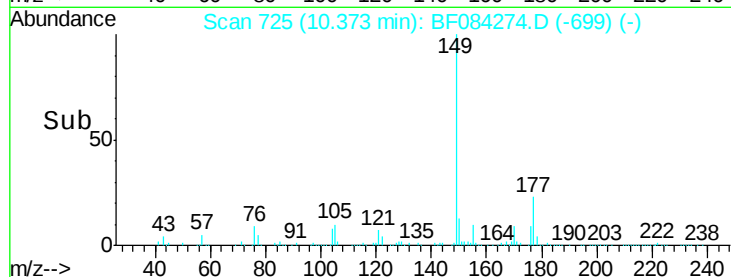
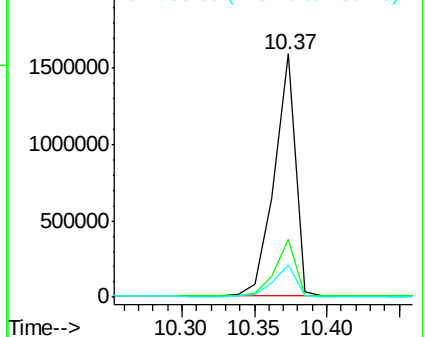
149 100

177 23.6 17.3 25.9

150 13.5 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 64.74 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

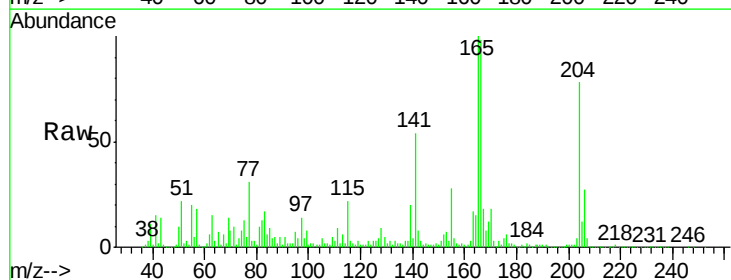
Tgt Ion:204 Resp: 681679

Ion Ratio Lower Upper

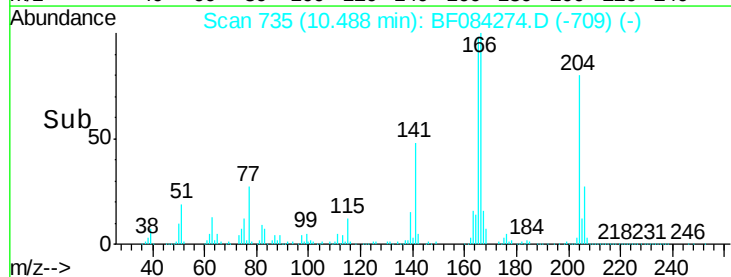
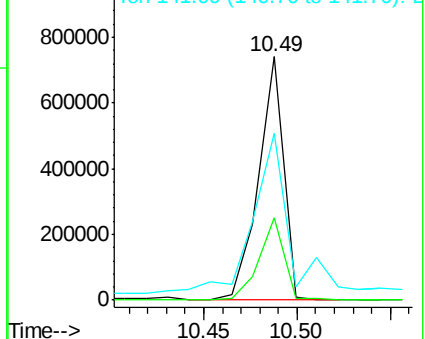
204 100

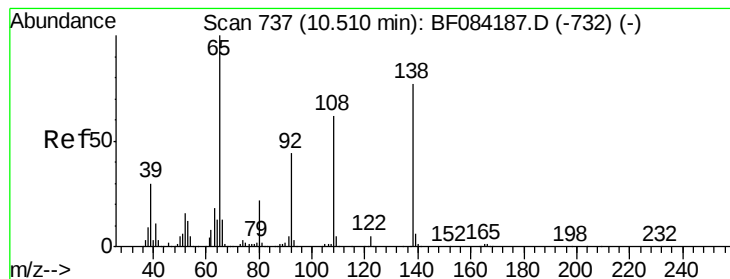
206 34.0 25.7 38.5

141 68.4 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.99 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

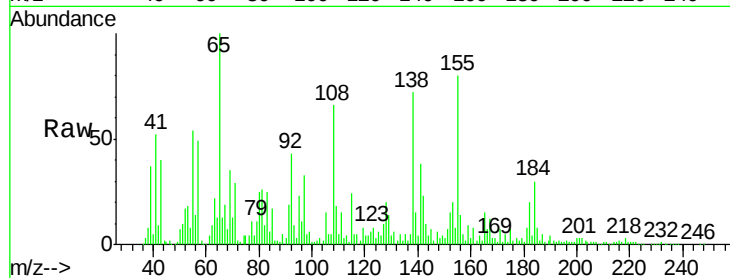
Tot Ion:138 Resp: 294732

Ion Ratio Lower Upper

138 100

92 60.1 32.6 72.6

108 92.1 68.6 108.6

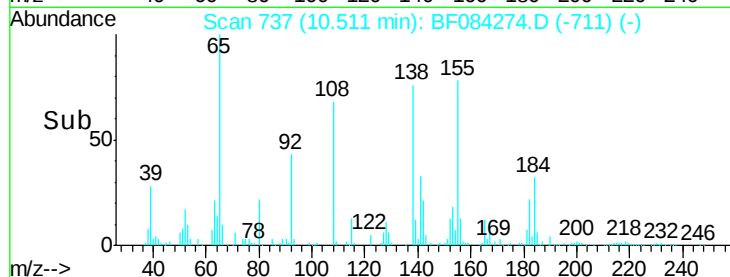


Abundance Ion 138.00 (137.70 to 138.70): E

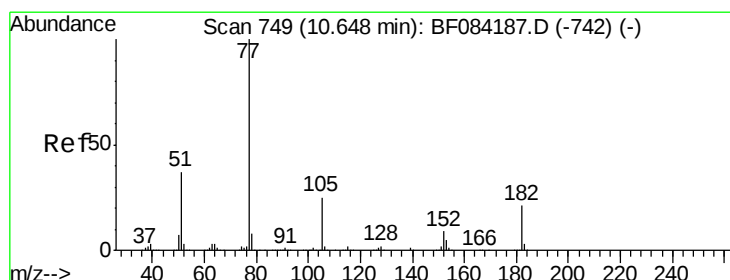
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#62

Azobenzene

Concen: 53.31 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion: 77 Resp: 1753999

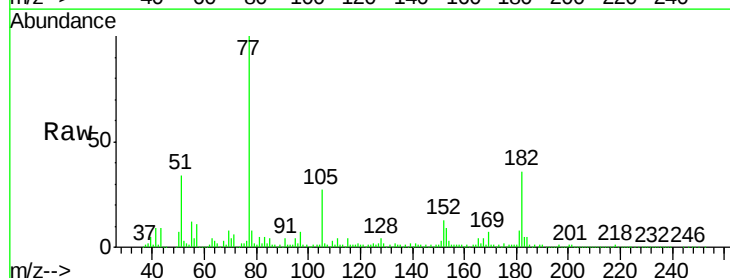
Ion Ratio Lower Upper

77 100

182 35.8 8.3 48.3

105 26.5 4.6 44.6

51 33.7 6.2 46.2



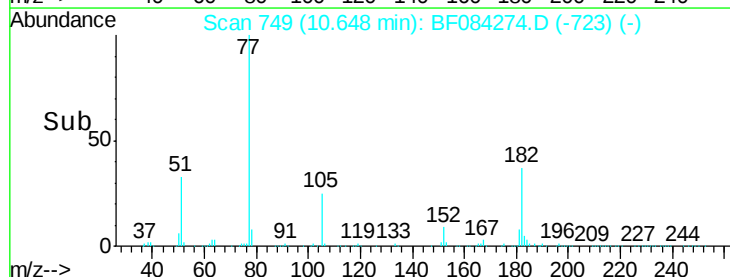
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

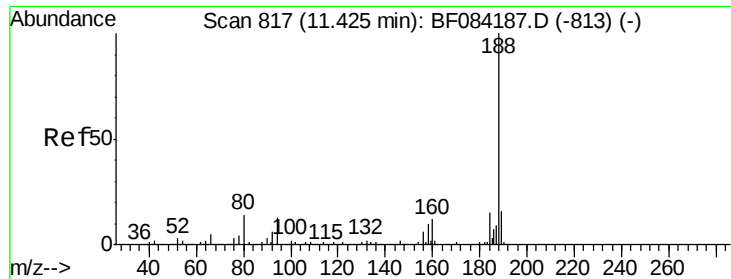
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



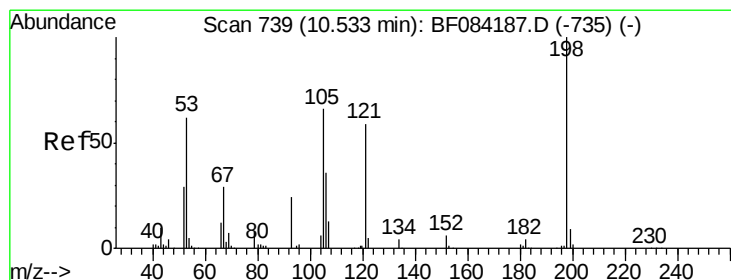
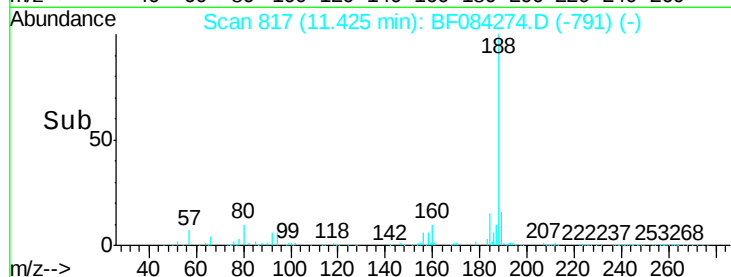
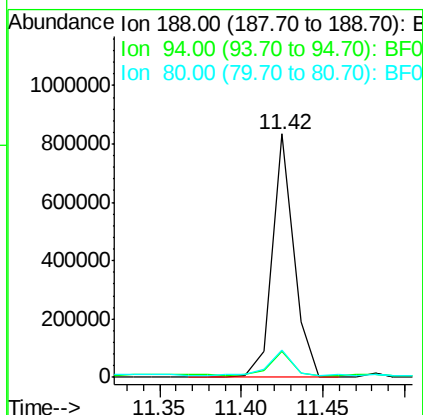
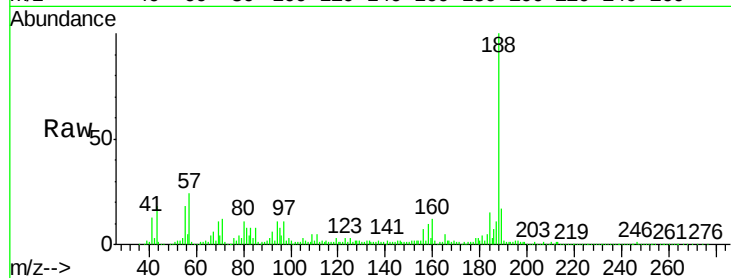
Time-->



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

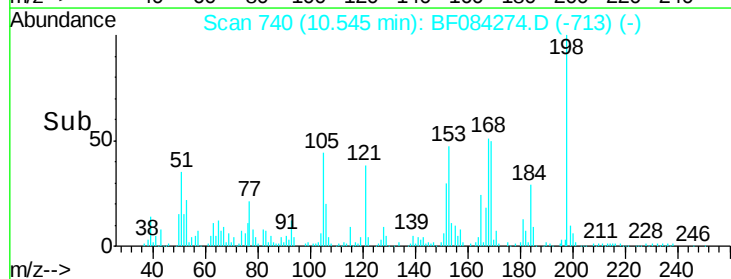
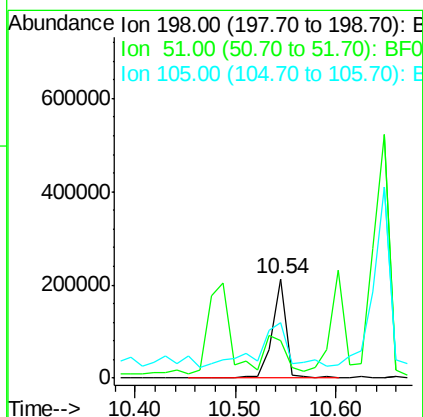
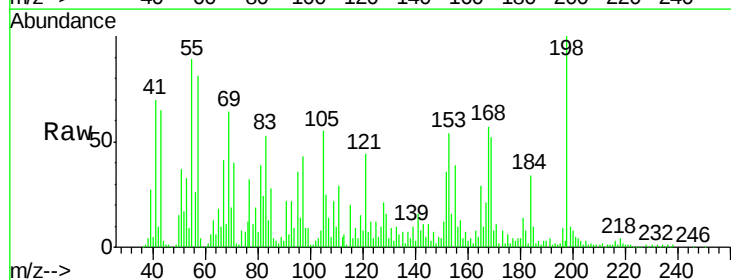
Instrument :
BNA_F
ClientSampled :

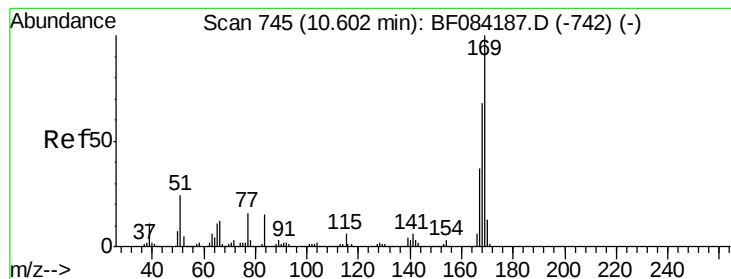
Tot Ion:188 Resp: 765121
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 11.1 9.6 14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 43.15 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion:198 Resp: 201353
Ion Ratio Lower Upper
198 100
51 37.4 18.9 58.9
105 55.3 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 61.00 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

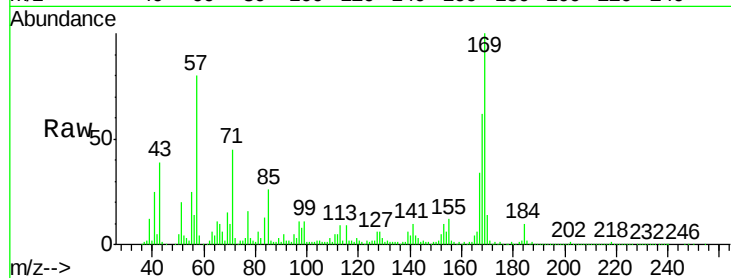
Tot Ion:169 Resp: 1492356

Ion Ratio Lower Upper

169 100

168 62.1 55.1 82.7

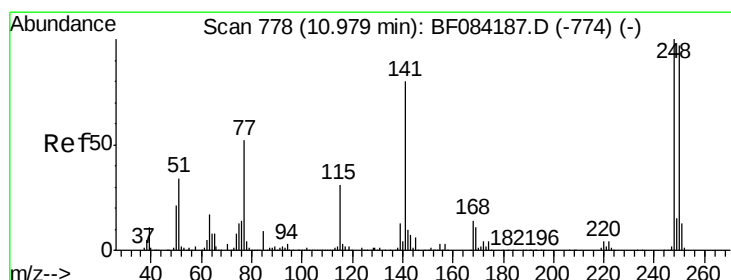
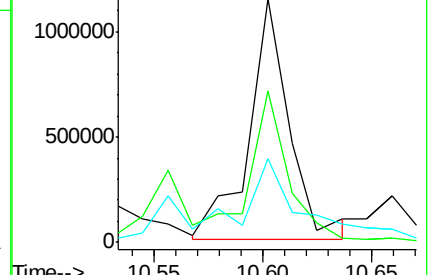
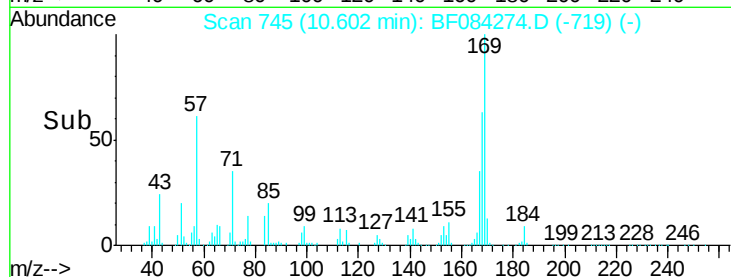
167 34.3 30.0 45.0



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: 52.42 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

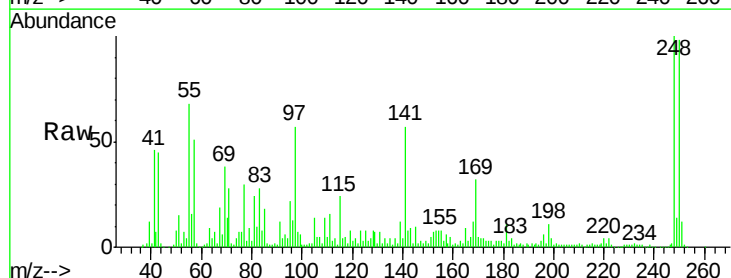
Tgt Ion:248 Resp: 431665

Ion Ratio Lower Upper

248 100

250 97.9 78.4 117.6

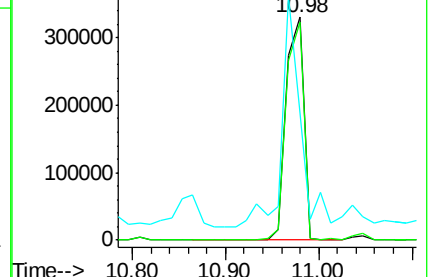
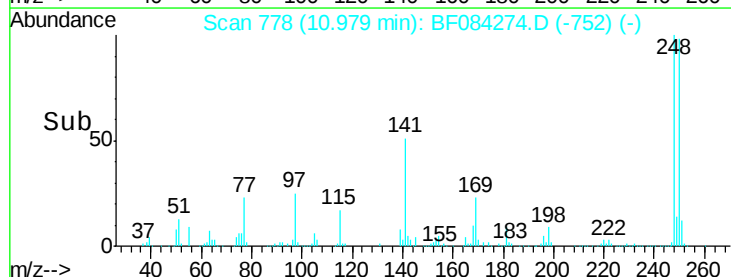
141 57.3 44.0 66.0

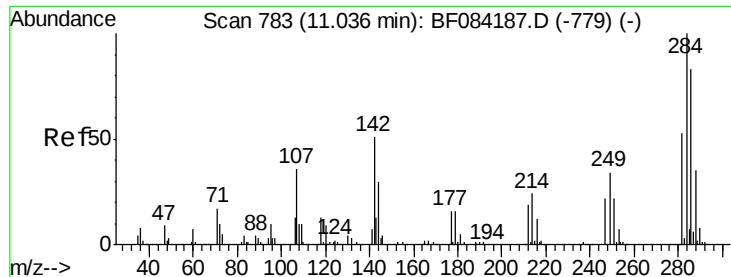


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

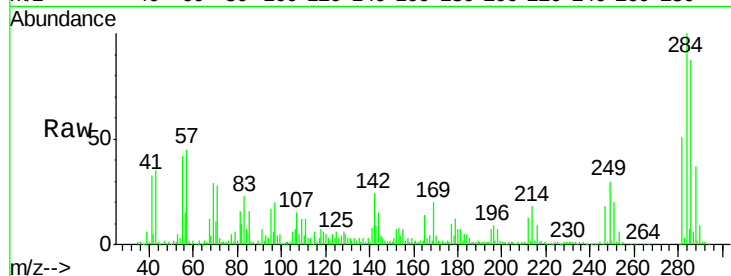




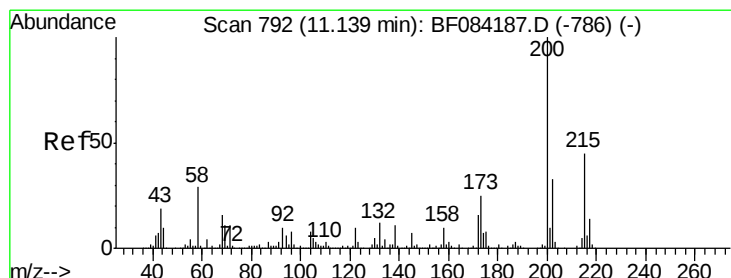
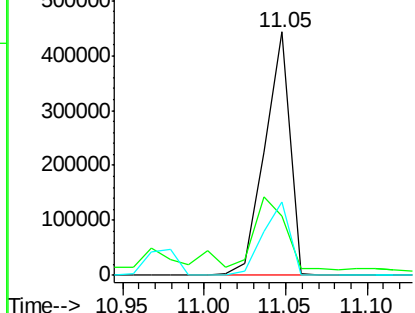
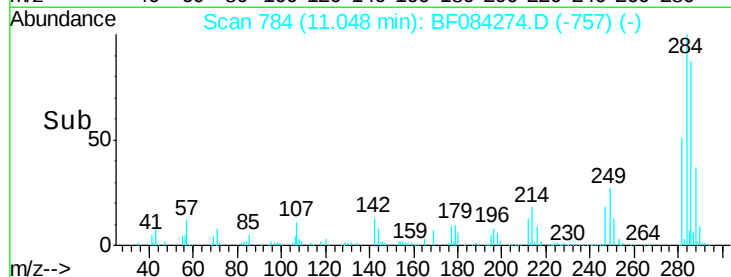
#67
Hexachlorobenzene
Concen: 51.48 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 477160
Ion Ratio Lower Upper
284 100
142 24.4 22.2 33.4
249 30.0 24.6 37.0

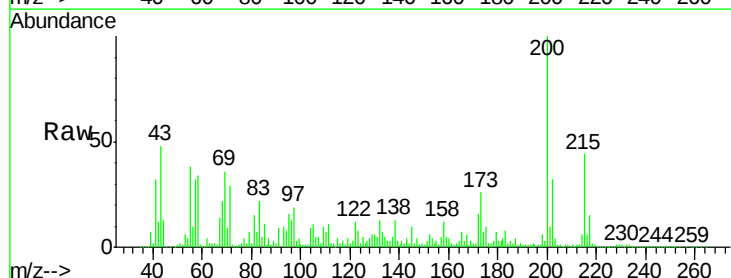


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

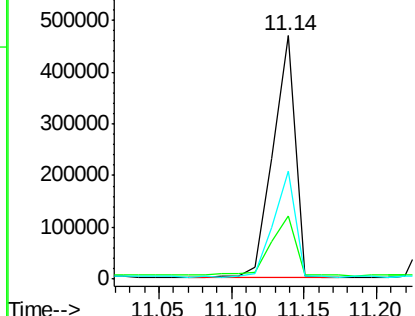
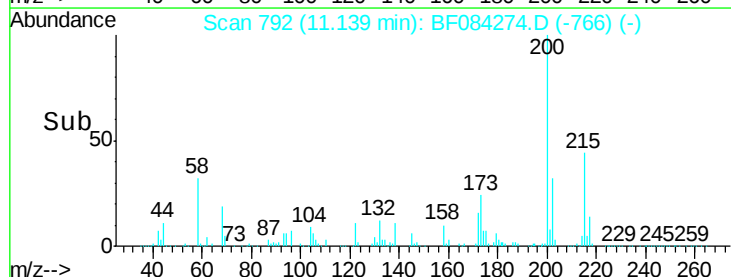


#68
Atrazine
Concen: 62.97 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion:200 Resp: 504075
Ion Ratio Lower Upper
200 100
173 25.8 9.5 49.5
215 44.3 23.8 63.8



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

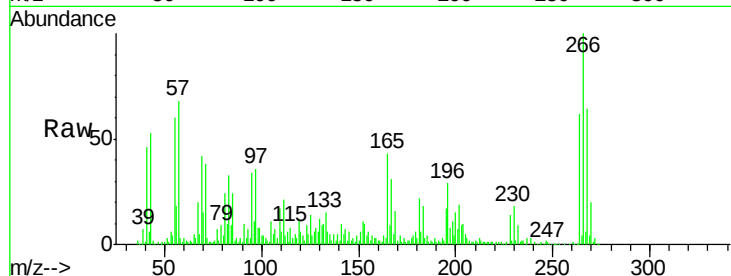




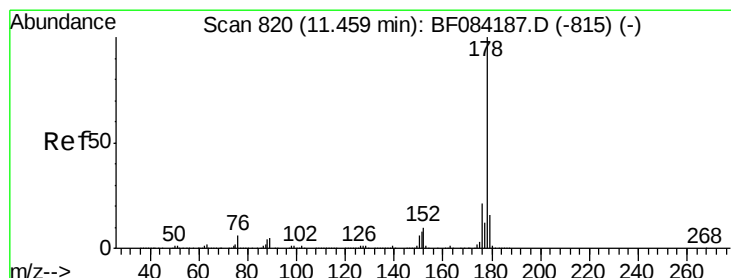
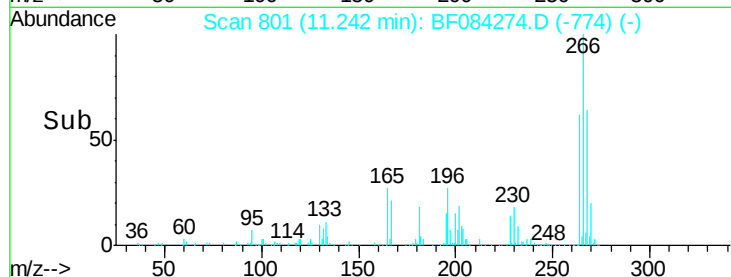
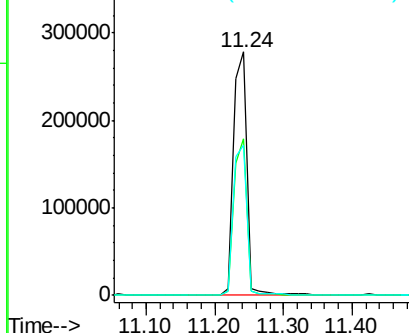
#69
 Pentachlorophenol
 Concen: 80.03 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.4	78.6
264	61.9	50.2	75.2

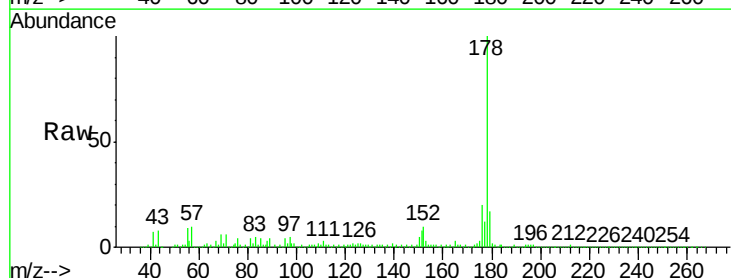


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

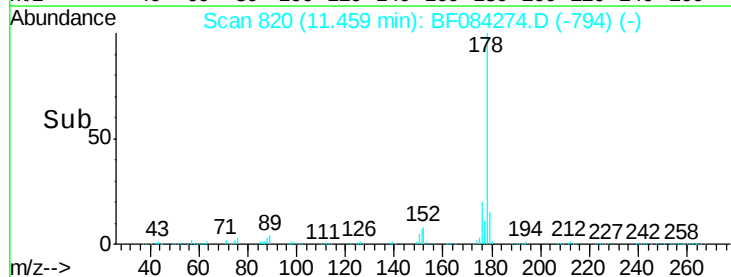
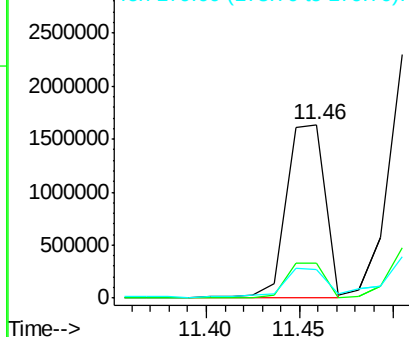


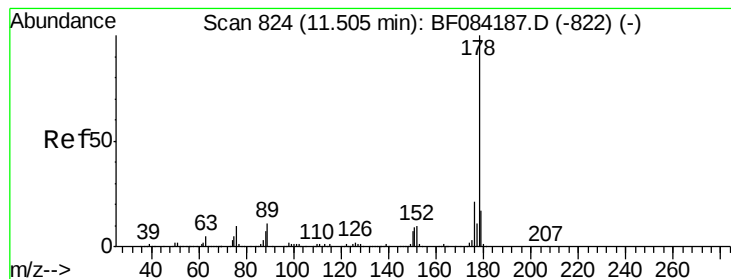
#70
 Phenanthrene
 Concen: 58.61 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	16.6	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: 54.27 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

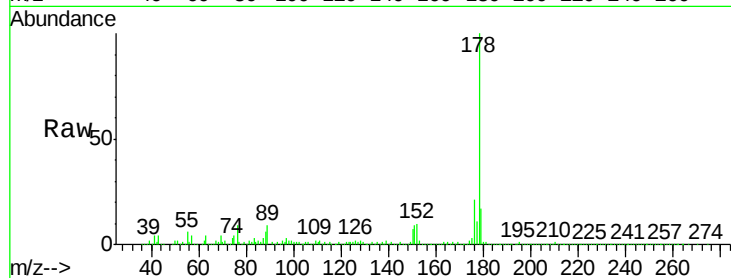
Tot Ion:178 Resp: 2129234

Ion Ratio Lower Upper

178 100

176 20.8 15.4 23.0

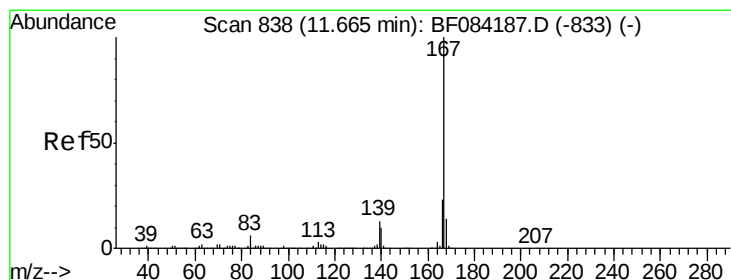
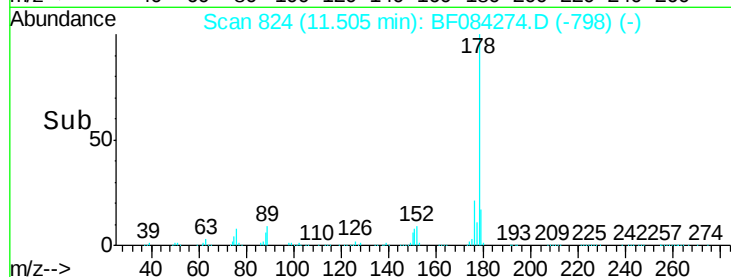
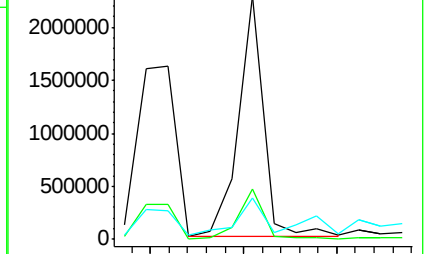
179 17.2 12.5 18.7



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: 48.44 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

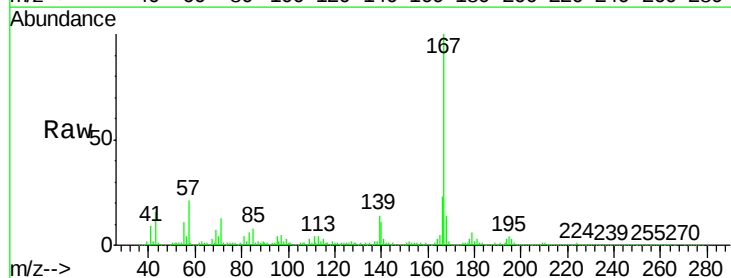
Tgt Ion:167 Resp: 1857959

Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

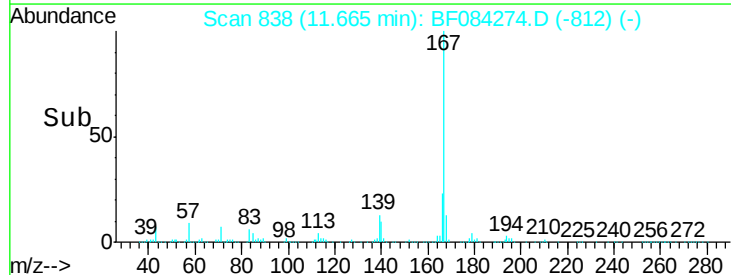
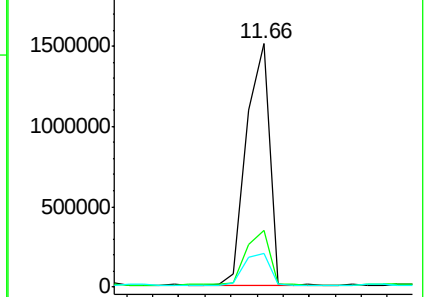
139 14.0 11.8 17.8

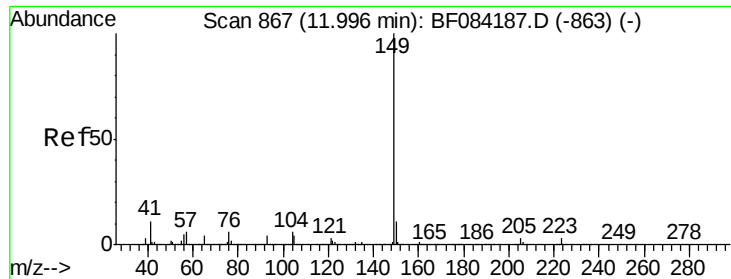


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 56.68 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

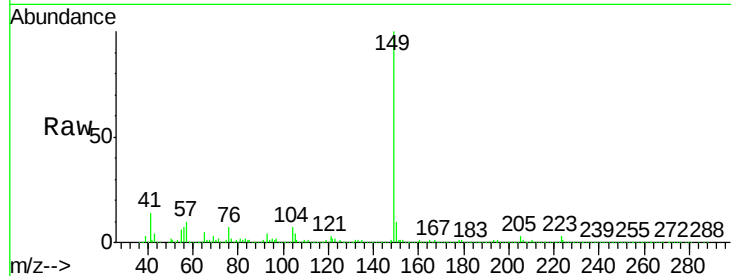
Tot Ion:149 Resp: 2167351

Ion Ratio Lower Upper

149 100

150 10.3 7.1 10.7

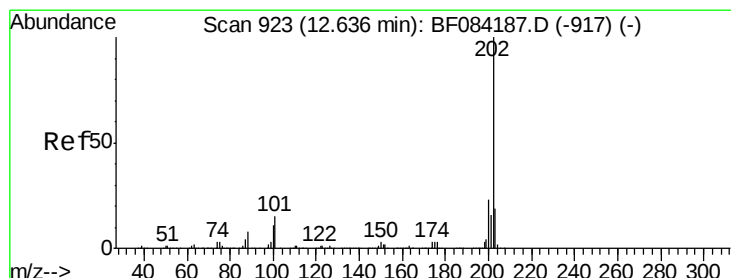
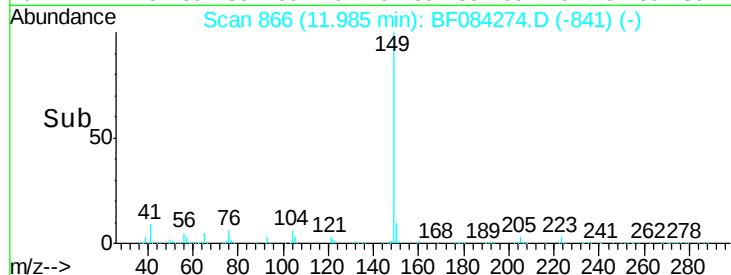
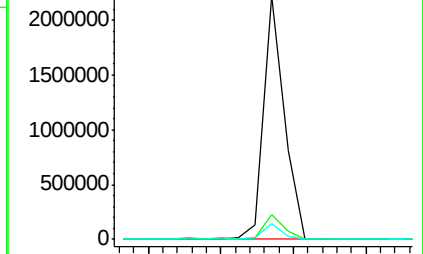
104 6.6 3.2 4.8#



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: 50.11 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

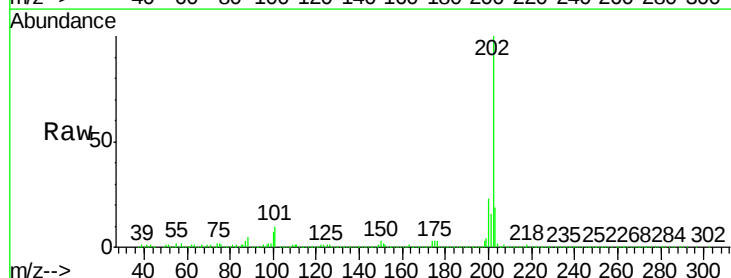
Tgt Ion:202 Resp: 2094835

Ion Ratio Lower Upper

202 100

101 10.0 0.0 32.8

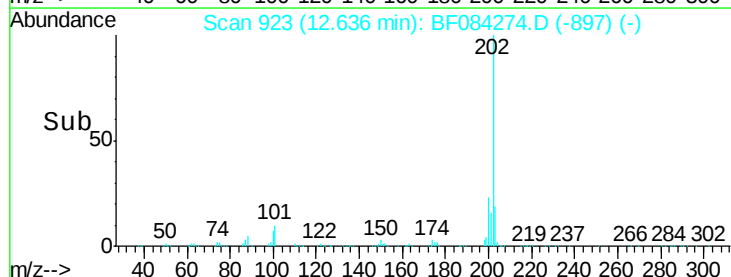
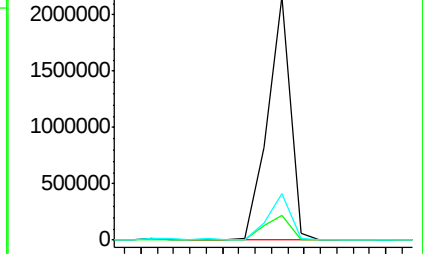
203 19.1 0.0 37.9

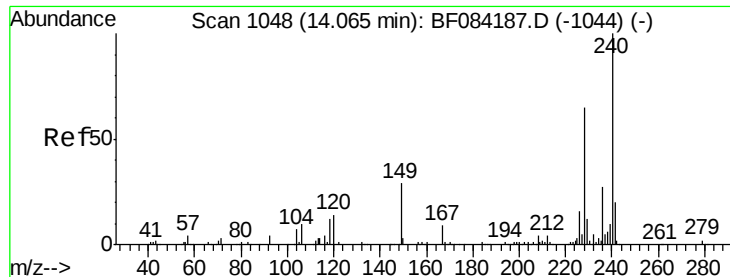


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

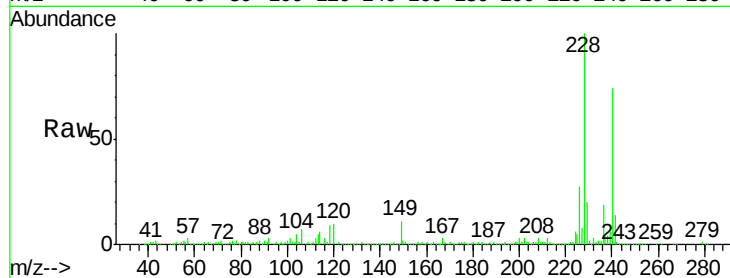
Tot Ion:240 Resp: 537157

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

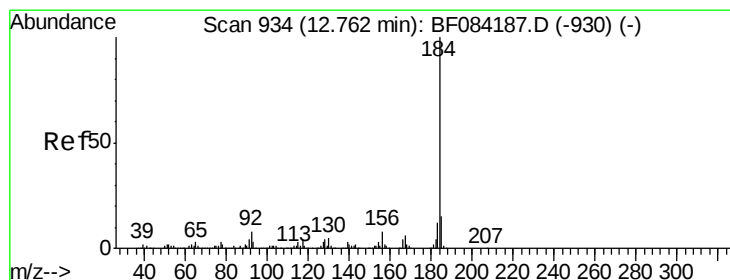
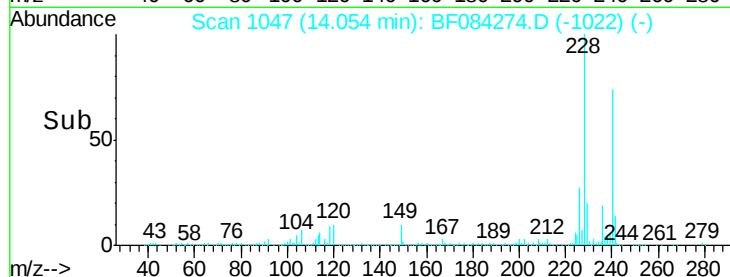
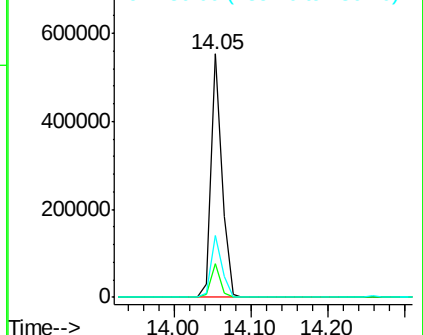
236 25.6 20.6 31.0



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: 15.92 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

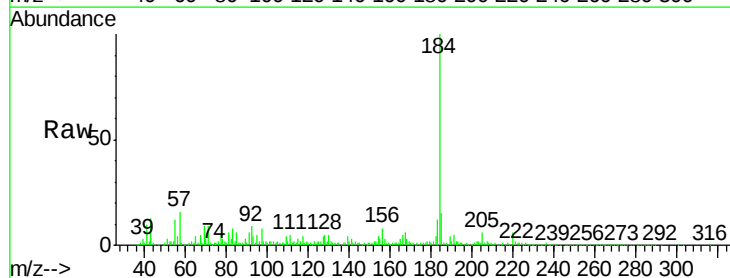
Tgt Ion:184 Resp: 306690

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

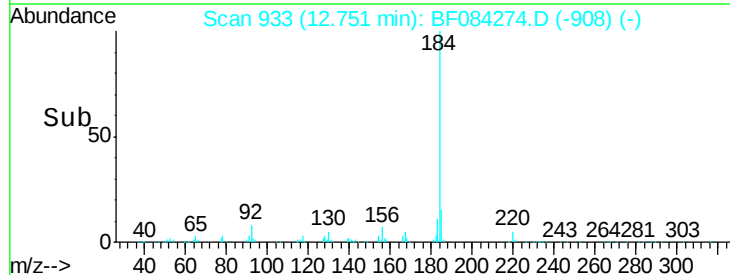
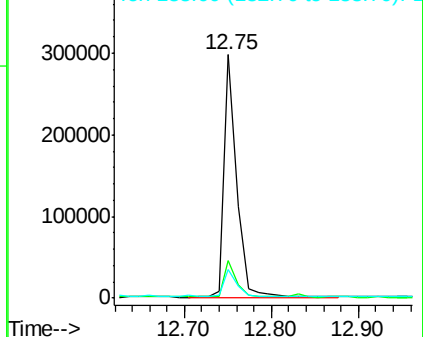
183 11.8 9.8 14.8

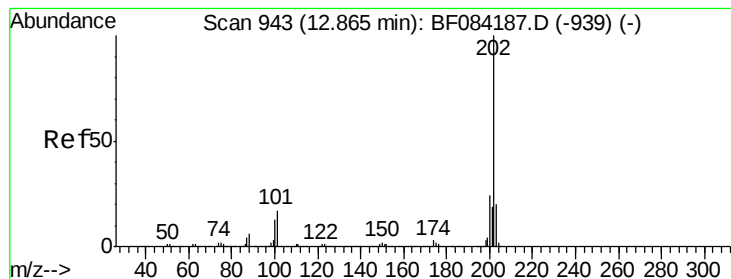


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.66 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

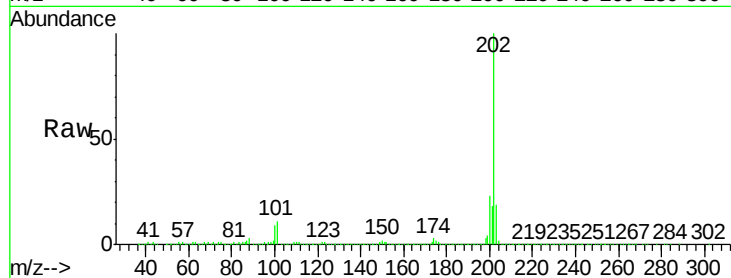
Tot Ion:202 Resp: 2177554

Ion Ratio Lower Upper

202 100

200 22.9 17.2 25.8

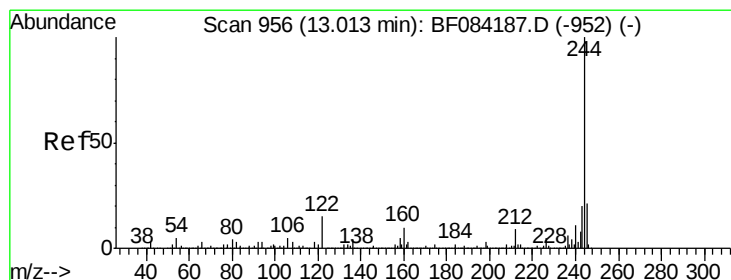
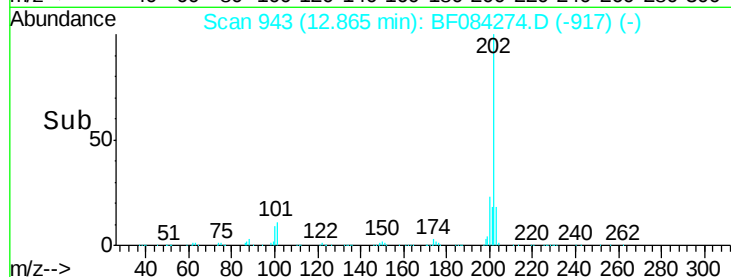
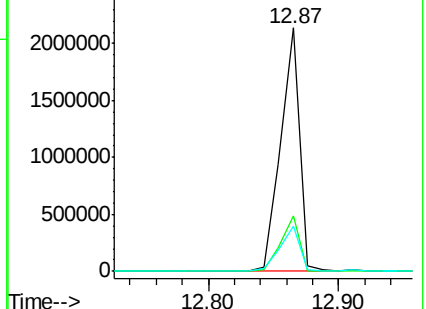
203 18.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 96.24 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

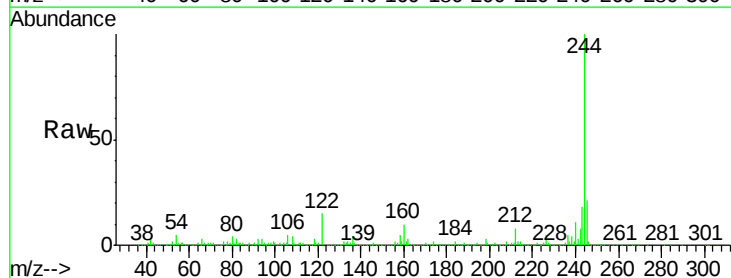
Tgt Ion:244 Resp: 2316004

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

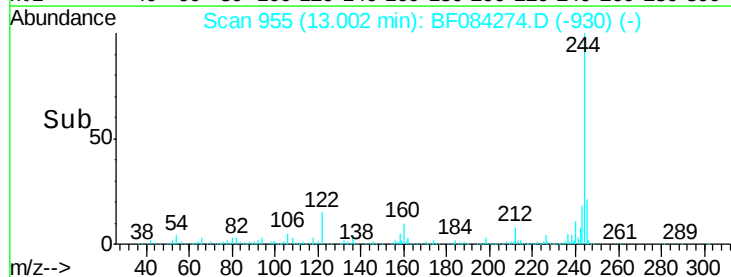
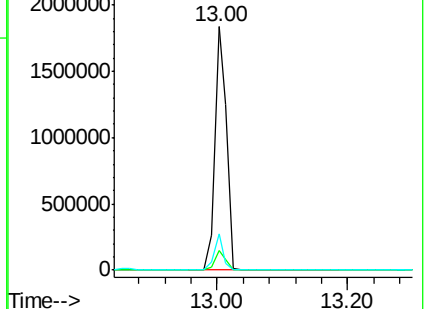
122 14.6 7.4 11.0#

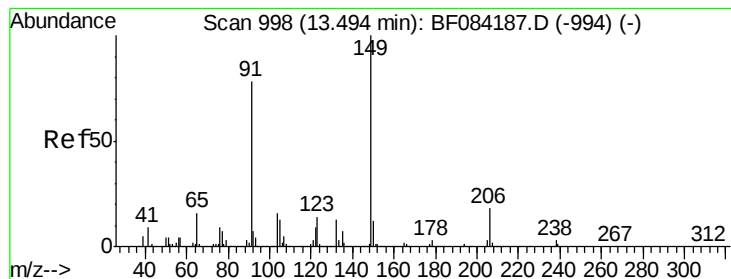


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.88 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampled :

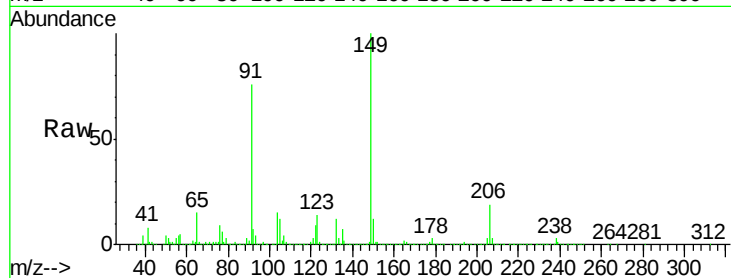
Tot Ion:149 Resp: 928073

Ion Ratio Lower Upper

149 100

91 75.7 57.6 86.4

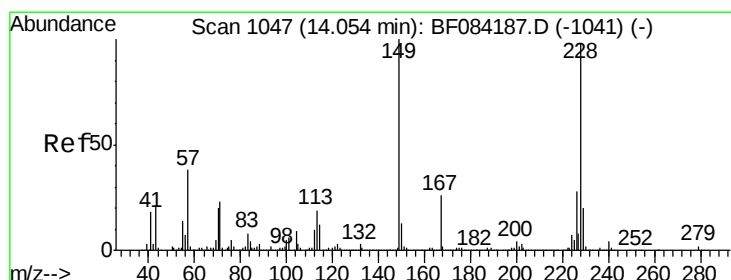
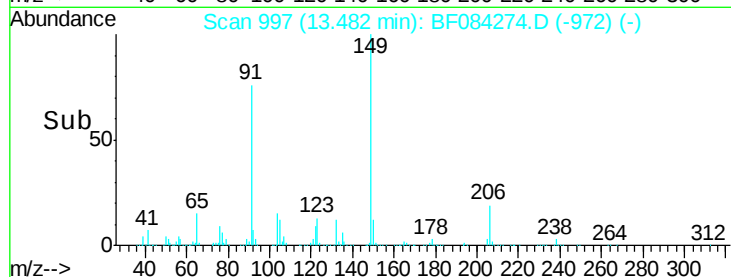
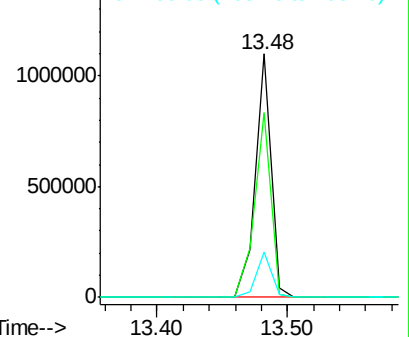
206 18.6 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.66 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

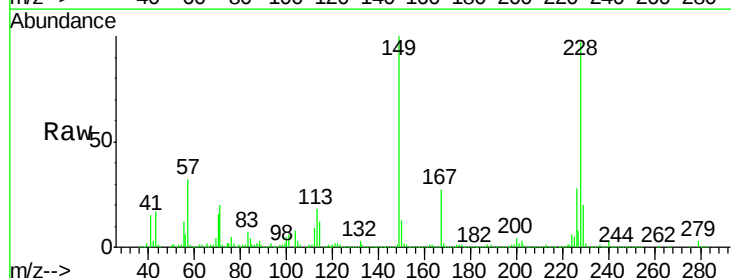
Tgt Ion:228 Resp: 1471732

Ion Ratio Lower Upper

228 100

226 28.5 21.8 32.6

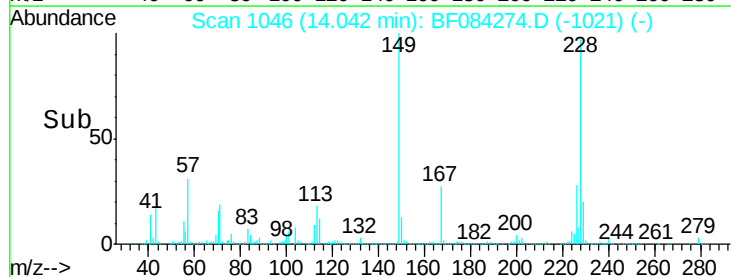
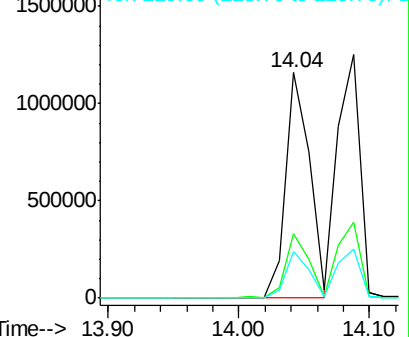
229 20.4 15.8 23.8

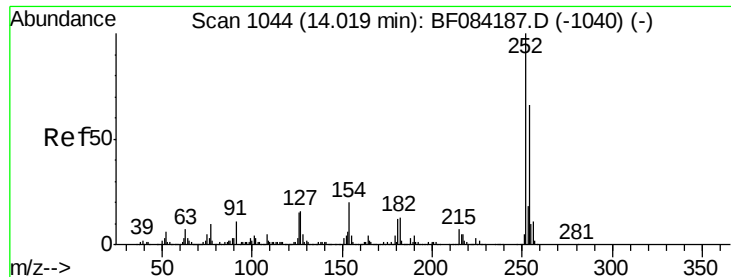


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

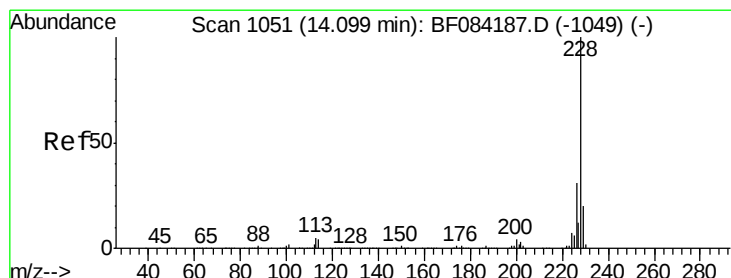
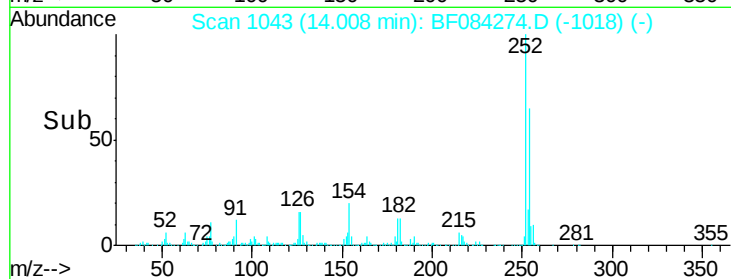
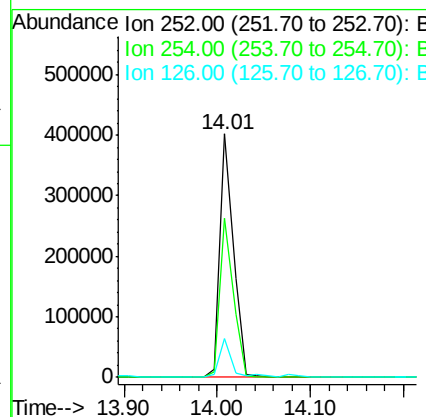
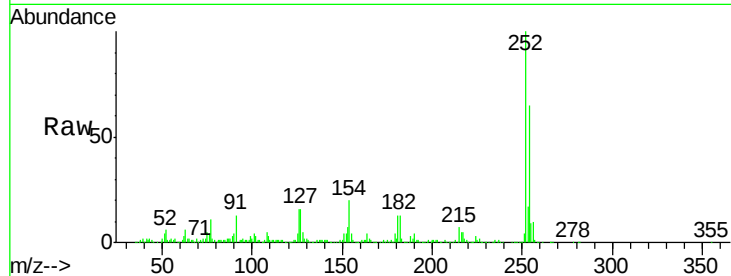




#81
 3,3'-Dichlorobenzidine
 Concen: 37.05 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

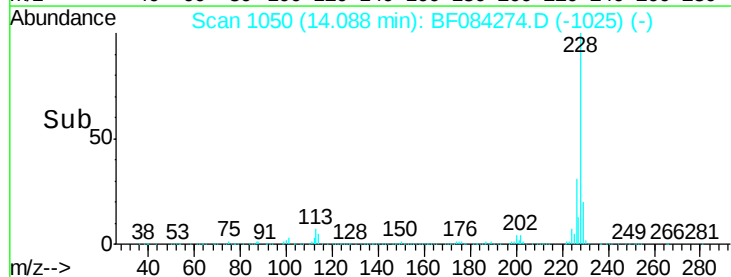
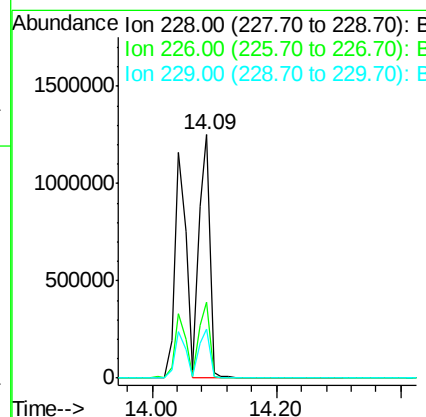
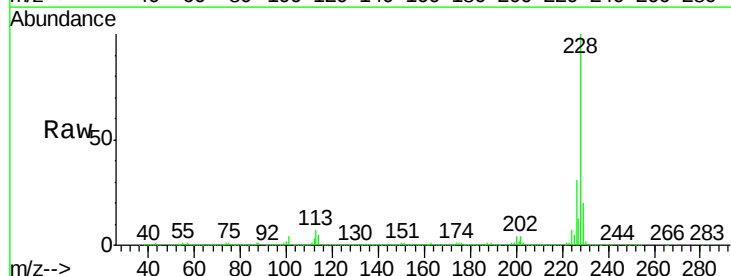
Instrument :
 BNA_F
 ClientSampleId :

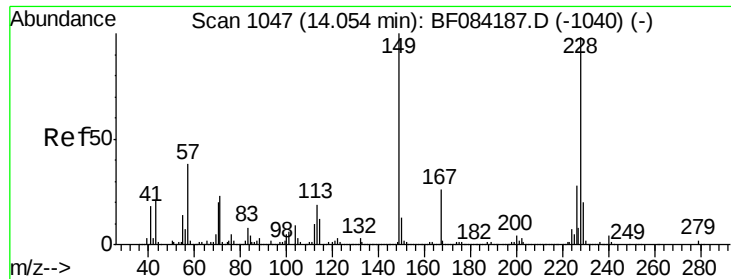
Tot Ion:252 Resp: 407867
 Ion Ratio Lower Upper
 252 100
 254 65.2 53.5 80.3
 126 15.9 4.9 7.3#



#82
 Chrysene
 Concen: 49.63 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion:228 Resp: 1504131
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.3 36.5
 229 20.2 16.1 24.1

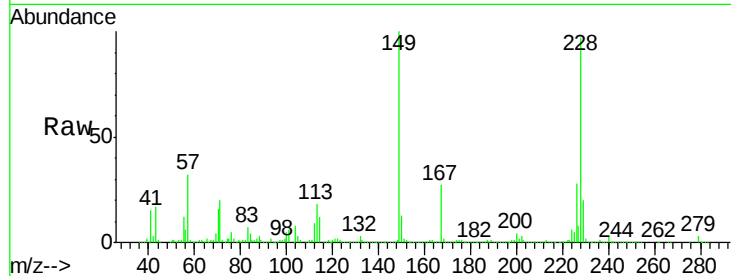




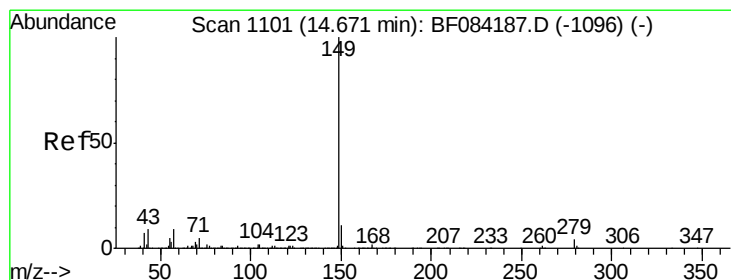
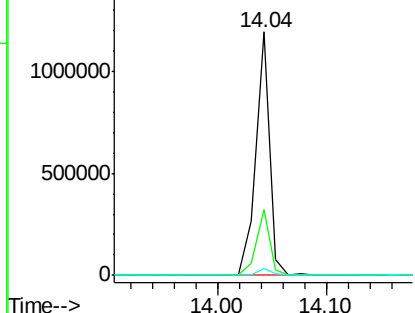
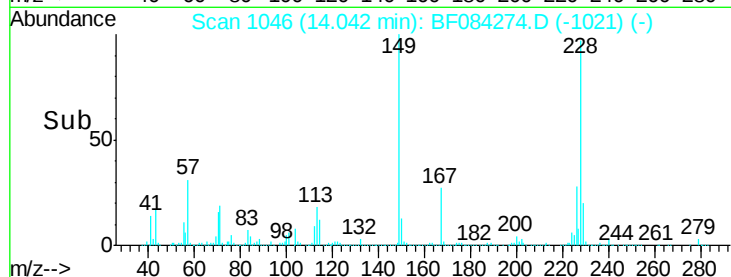
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.14 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1063277
 Ion Ratio Lower Upper
 149 100
 167 26.8 19.7 29.5
 279 2.8 1.8 2.6#

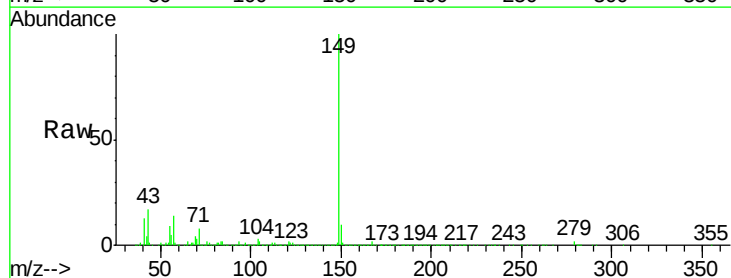


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

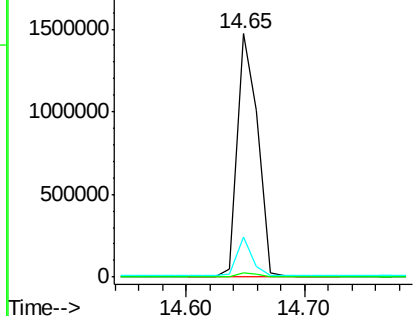
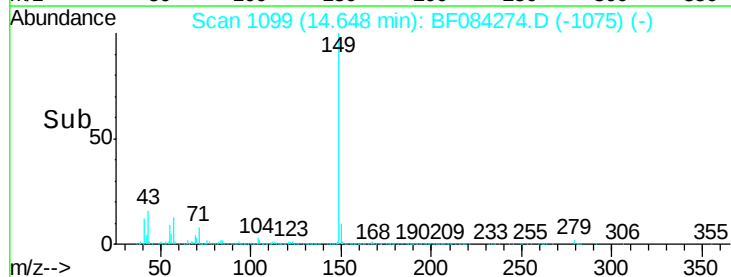


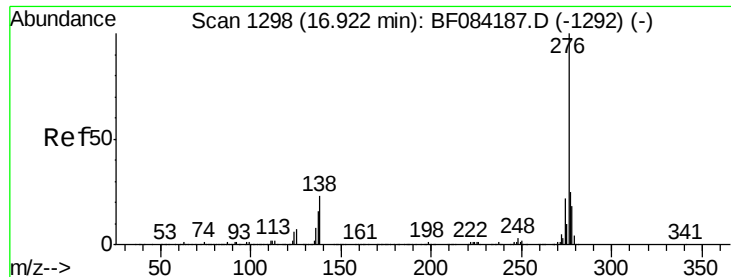
#84
 Di-n-octyl phthalate
 Concen: 45.19 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion:149 Resp: 1758083
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.3 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: 71.71 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

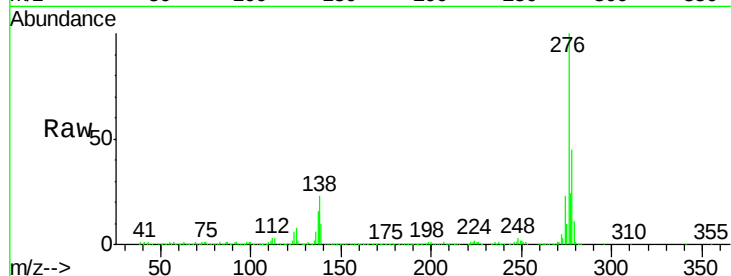
Tot Ion:276 Resp: 1722951

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.6	30.8
277	25.1	20.1	30.1

276 100

138 25.8 20.6 30.8

277 25.1 20.1 30.1

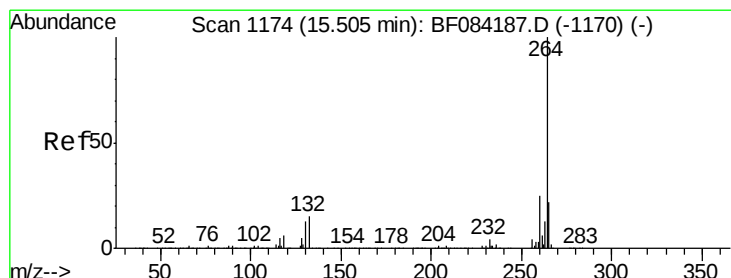
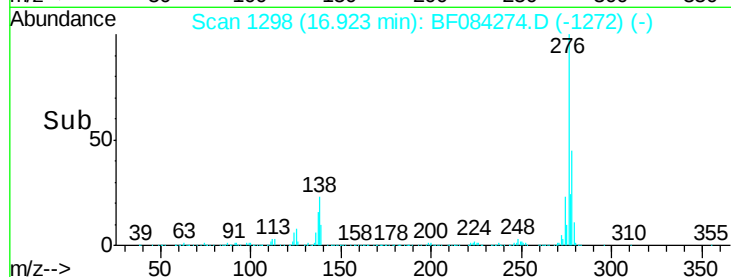
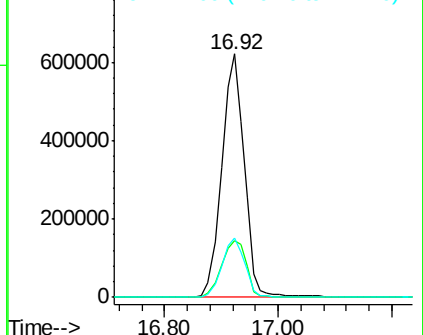


Abundance

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: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

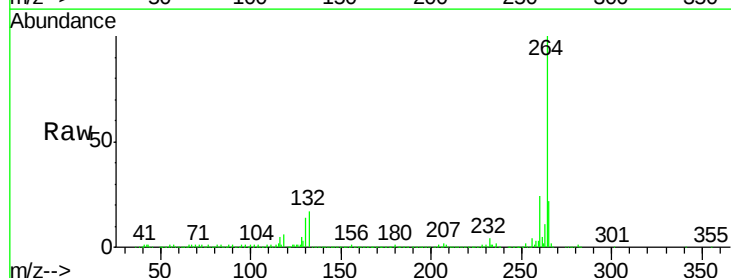
Tgt Ion:264 Resp: 558137

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.8	17.8	26.6

264 100

260 23.8 19.4 29.2

265 21.8 17.8 26.6

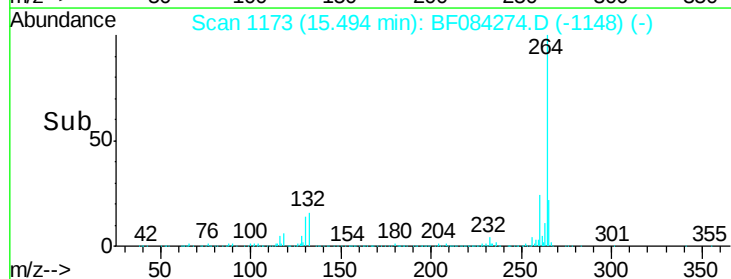
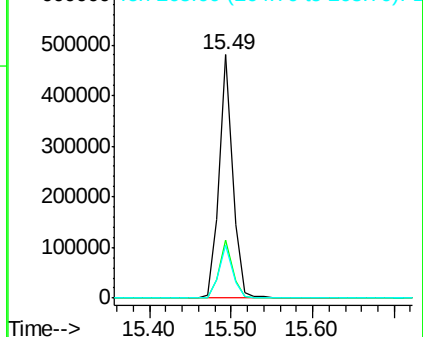


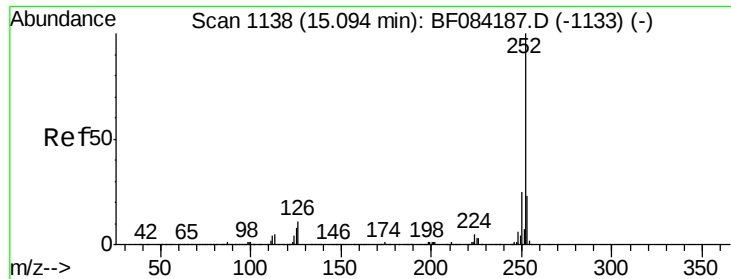
Abundance

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

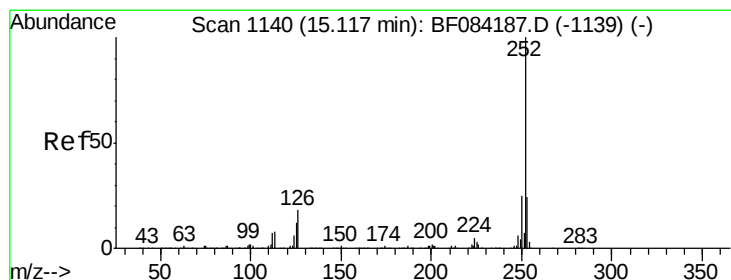
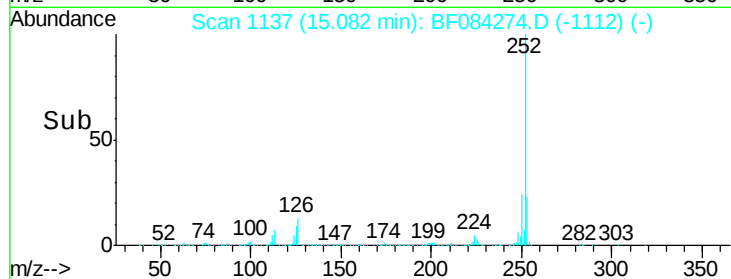
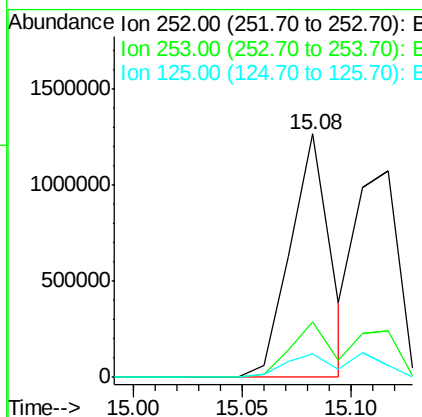
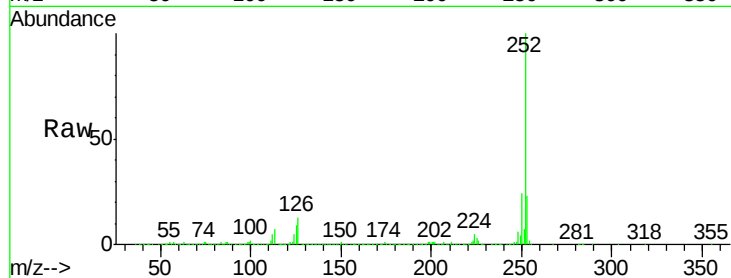




#87
Benzo(b)fluoranthene
Concen: 44.05 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

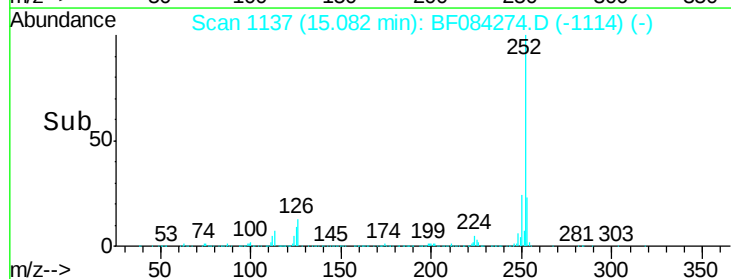
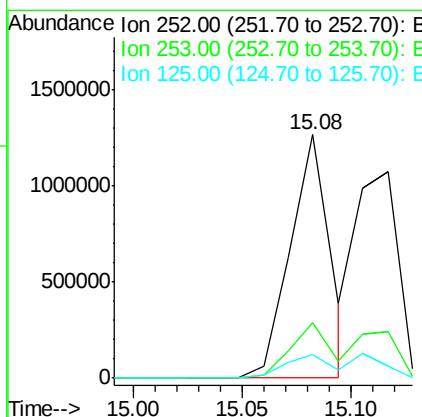
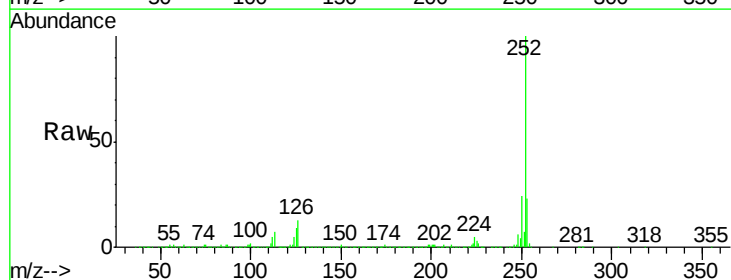
Instrument :
BNA_F
ClientSampleId :

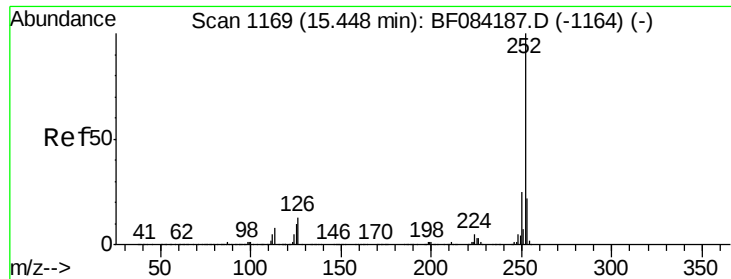
Tot Ion:252 Resp: 1608174
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 9.4 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 53.86 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion:252 Resp: 1608174
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 9.4 9.0 13.6

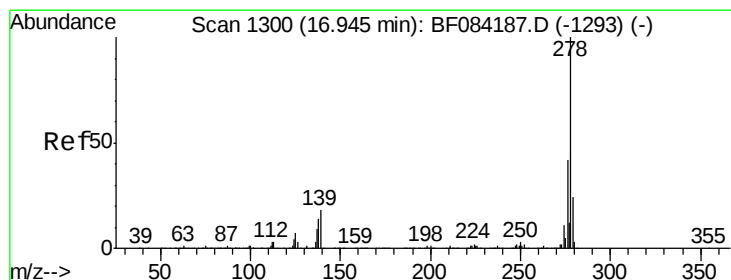
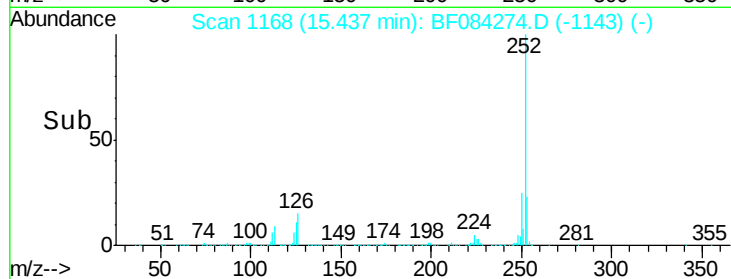
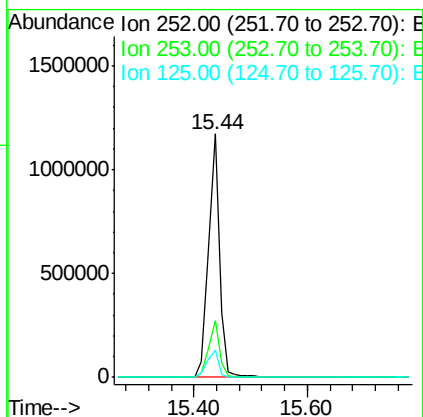
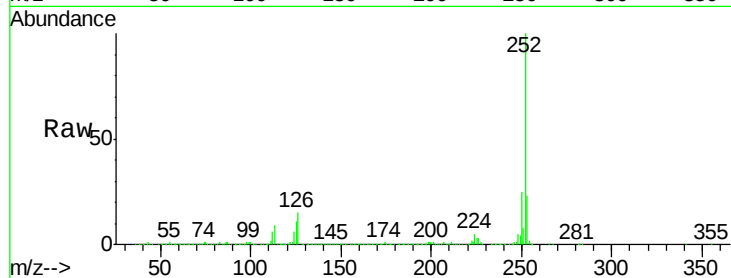




#89
Benzo(a)pyrene
Concen: 48.48 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

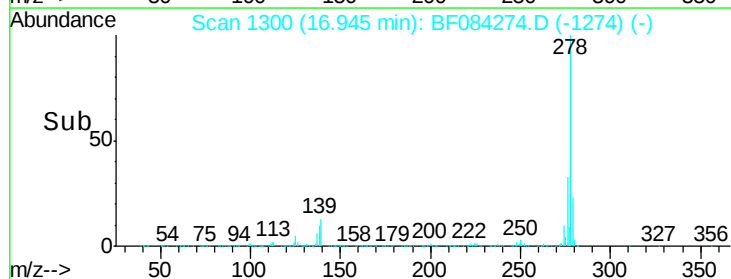
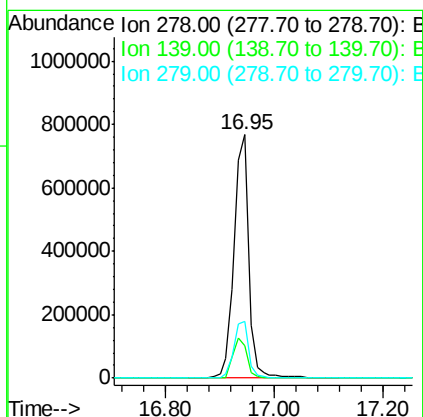
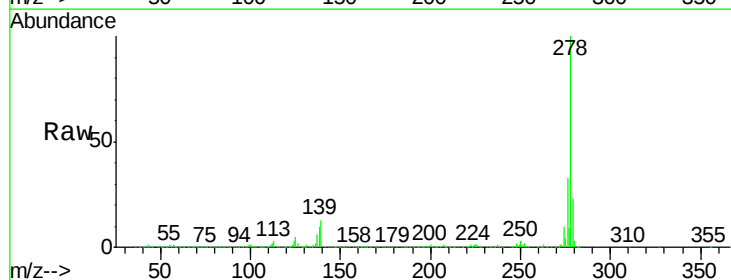
Instrument :
BNA_F
ClientSampleId :

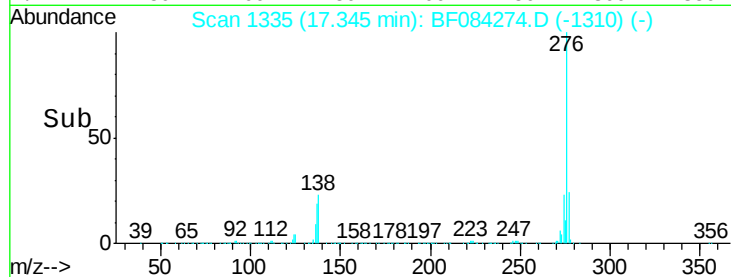
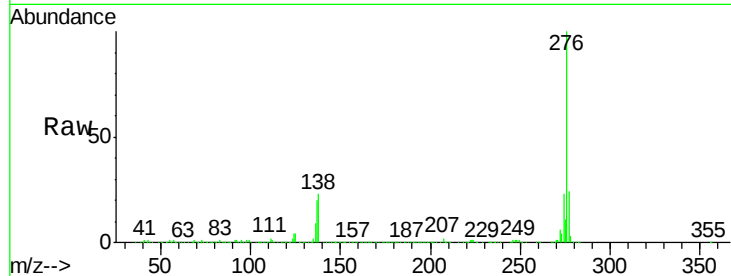
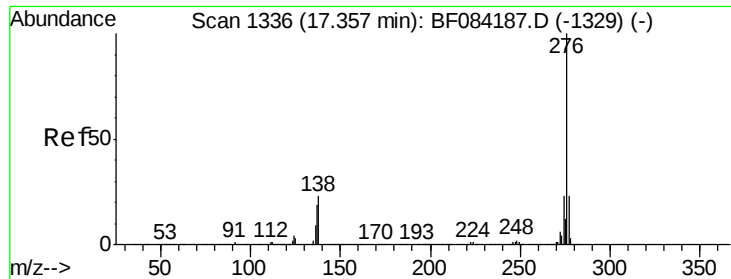
Tot Ion:252 Resp: 1501249
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 11.2 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 53.87 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion:278 Resp: 1435602
Ion Ratio Lower Upper
278 100
139 13.2 15.0 22.4#
279 23.4 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 51.18 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1412347

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 22.8 17.8 26.6

