

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084257.D
 Acq On : 5 Jan 2016 1:21
 Operator : UM/SJ
 Sample : PB87631BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

Quant Time: Jan 05 03:44:01 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	269256	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1152992	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	544072	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	950867	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	575581	20.00	ng	-0.01
86) Perylene-d12	15.49	264	559140	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	2149071	129.10	ng	0.02
7) Phenol-d6	6.53	99	2633066	125.94	ng	0.00
23) Nitrobenzene-d5	7.46	82	1687461	81.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	607002	110.51	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2716225	88.05	ng	-0.01
78) Terphenyl-d14	13.00	244	2067302	80.17	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	295192	37.43	ng	# 76
3) Pyridine	3.34	79	866149	39.39	ng	# 73
4) n-Nitrosodimethylamine	3.30	42	447541	39.66	ng	# 83
6) Aniline	6.56	93	559535	18.29	ng	# 80
8) 2-Chlorophenol	6.68	128	812641	43.03	ng	# 97
9) Benzaldehyde	6.43	77	256899	18.87	ng	# 91
10) Phenol	6.54	94	819868	34.49	ng	# 81
11) bis(2-Chloroethyl)ether	6.62	93	744250	40.42	ng	# 80
12) 1,3-Dichlorobenzene	6.91	146	830268	42.61	ng	# 97
13) 1,4-Dichlorobenzene	6.91	146	830268	42.50	ng	# 93
14) 1,2-Dichlorobenzene	7.06	146	713340	38.13	ng	# 96
15) Benzyl Alcohol	7.04	79	663733	37.74	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1233196	36.78	ng	# 85
17) 2-Methylphenol	7.16	107	663925	41.94	ng	# 91
18) Hexachloroethane	7.40	117	314040	40.20	ng	# 94
19) n-Nitroso-di-n-propylamine	7.31	70	549138	38.80	ng	# 72
20) 3+4-Methylphenols	7.31	107	767969	41.28	ng	# 75
22) Acetophenone	7.30	105	1067333	38.50	ng	# 92
24) Nitrobenzene	7.48	77	859046	40.88	ng	# 87
25) Isophorone	7.72	82	1547744	39.06	ng	# 96
26) 2-Nitrophenol	7.79	139	397065	41.52	ng	# 81
27) 2,4-Dimethylphenol	7.84	122	750720	38.78	ng	# 94
28) bis(2-Chloroethoxy)methane	7.93	93	927418	38.32	ng	# 99
29) 2,4-Dichlorophenol	8.04	162	696430	43.19	ng	# 96
30) 1,2,4-Trichlorobenzene	8.12	180	705457	42.38	ng	# 95
31) Naphthalene	8.20	128	2258149	43.17	ng	# 98
32) Benzoic acid	7.96	122	435506	36.67	ng	# 97
33) 4-Chloroaniline	8.25	127	288858	12.04	ng	# 97
34) Hexachlorobutadiene	8.32	225	374193	39.11	ng	# 98
35) Caprolactam	8.62	113	162272	29.85	ng	# 42
36) 4-Chloro-3-methylphenol	8.74	107	727516	40.28	ng	# 92
37) 2-Methylnaphthalene	8.89	142	1473114	39.23	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	637714	40.77	ng	# 97
40) Hexachlorocyclopentadiene	9.05	237	717165	75.95	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	476923	40.76	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	459734	40.98	ng	93
45) 1,1'-Biphenyl	9.36	154	1706627	39.47	ng	100
46) 2-Chloronaphthalene	9.38	162	1285059	37.83	ng	96
47) 2-Nitroaniline	9.48	65	508715	45.38	ng	90
48) Acenaphthylene	9.80	152	2201889	43.88	ng	98
49) Dimethylphthalate	9.66	163	1666118	42.84	ng	# 90
50) 2,6-Dinitrotoluene	9.72	165	357546	41.91	ng	# 61
51) Acenaphthene	9.97	154	1588493	47.19	ng	96
52) 3-Nitroaniline	9.89	138	227837	21.55	ng	# 74
53) 2,4-Dinitrophenol	10.00	184	324471	88.87	ng	93
54) Dibenzofuran	10.14	168	1916674	43.89	ng	96
55) 4-Nitrophenol	10.06	139	527530	68.75	ng	# 80
56) 2,4-Dinitrotoluene	10.12	165	429348	39.77	ng	# 83
57) Fluorene	10.49	166	1455697	43.08	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	362353	37.83	ng	96
59) Diethylphthalate	10.36	149	1530747	39.92	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	663516	47.00	ng	97
61) 4-Nitroaniline	10.51	138	384621	40.82	ng	86
62) Azobenzene	10.64	77	1733488	41.21	ng	91
64) 4,6-Dinitro-2-methylphenol	10.53	198	227202	39.11	ng	84
65) n-Nitrosodiphenylamine	10.60	169	1311756	43.15	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	447442	43.72	ng	# 89
67) Hexachlorobenzene	11.02	284	454547	39.46	ng	# 78
68) Atrazine	11.13	200	435589	43.78	ng	98
69) Pentachlorophenol	11.23	266	436648	73.11	ng	99
70) Phenanthrene	11.45	178	2153462	43.30	ng	96
71) Anthracene	11.49	178	1915063	39.28	ng	97
72) Carbazole	11.65	167	1805651	37.88	ng	98
73) Di-n-butylphthalate	11.98	149	2191216	42.68	ng	# 95
74) Fluoranthene	12.62	202	1870972	36.01	ng	98
76) Benzidine	12.75	184	635735	30.80	ng	99
77) Pyrene	12.85	202	1837218	40.68	ng	99
79) Butylbenzylphthalate	13.48	149	813175	41.60	ng	96
80) Benzo(a)anthracene	14.04	228	1285894	38.05	ng	98
81) 3,3'-Dichlorobenzidine	14.01	252	316493	26.83	ng	# 96
82) Chrysene	14.08	228	1195239	36.80	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	913469	36.99	ng	# 96
84) Di-n-octyl phthalate	14.65	149	1452958	34.85	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.91	276	1338912	52.01	ng	100
87) Benzo(b)fluoranthene	15.08	252	1410062	38.55	ng	99
88) Benzo(k)fluoranthene	15.08	252	1410062	47.14	ng	# 97
89) Benzo(a)pyrene	15.44	252	1314960	42.39	ng	99
90) Dibenzo(a,h)anthracene	16.93	278	1104642	41.38	ng	96
91) Benzo(g,h,i)perylene	17.35	276	1067719	38.62	ng	97

(#) = 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

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BNA_F

ClientSampled :

PB87631BS

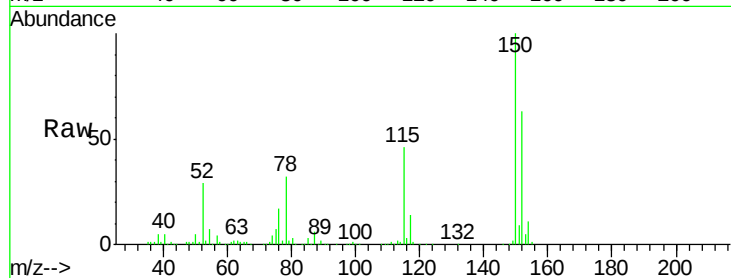
Tgt Ion:152 Resp: 269256

Ion Ratio Lower Upper

152 100

150 159.3 123.0 184.4

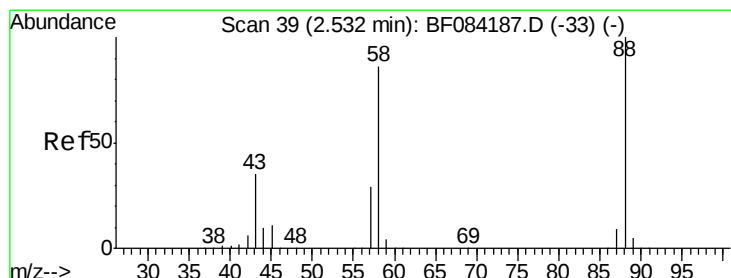
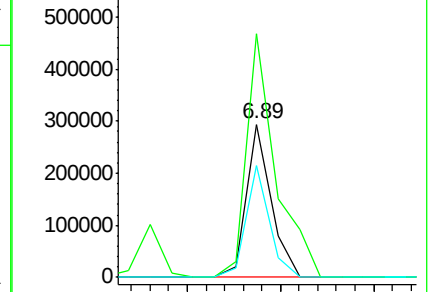
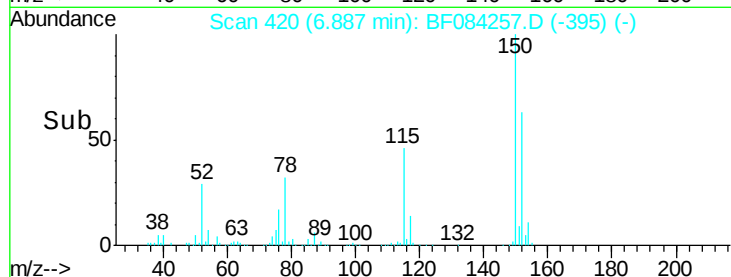
115 72.9 51.4 77.2



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: 37.43 ng

RT: 2.60 min Scan# 45

Delta R.T. 0.07 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

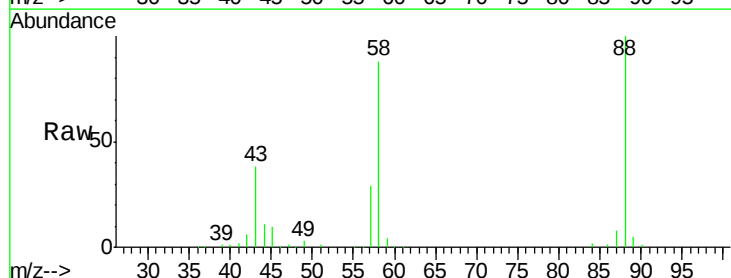
Tgt Ion: 88 Resp: 295192

Ion Ratio Lower Upper

88 100

58 84.8 51.2 76.8#

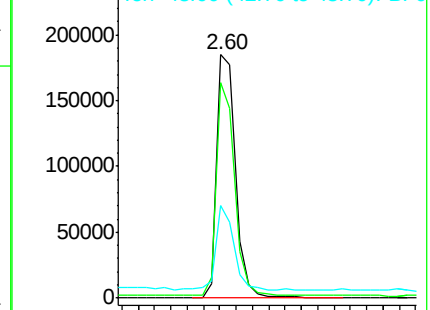
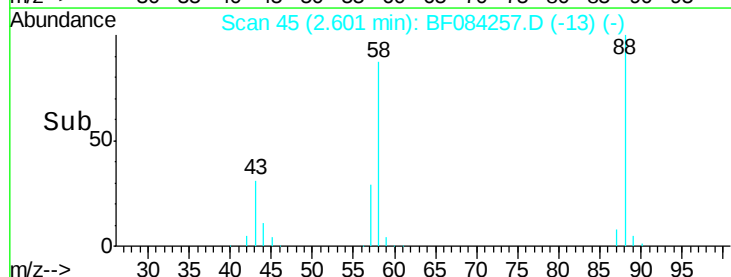
43 32.9 19.5 29.3#

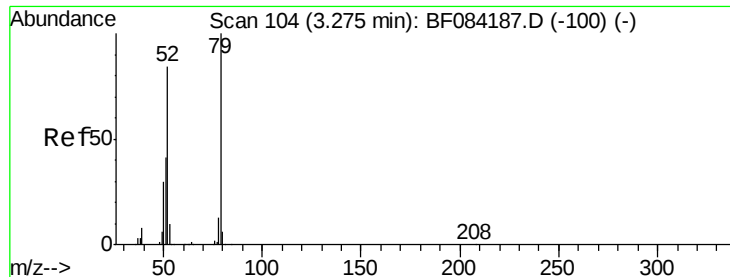


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.39 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

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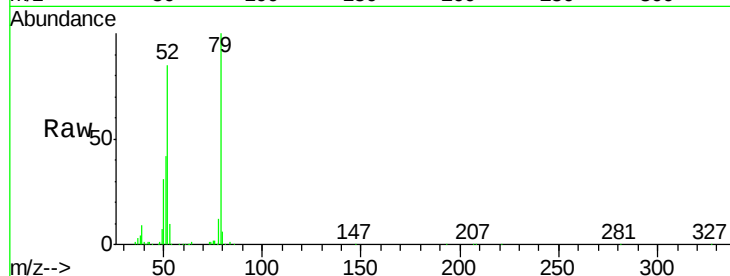
Tgt Ion: 79 Resp: 866149

Ion Ratio Lower Upper

79 100

52 85.1 49.0 73.4#

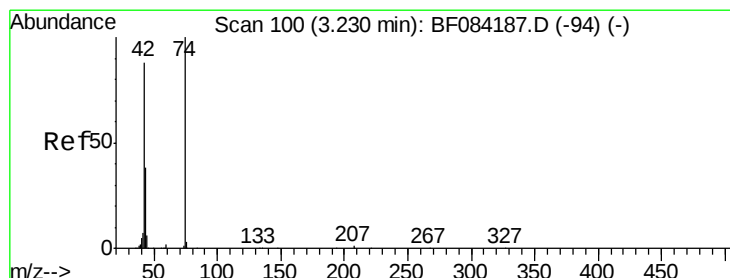
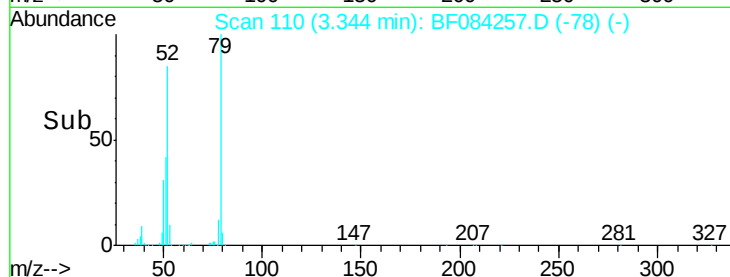
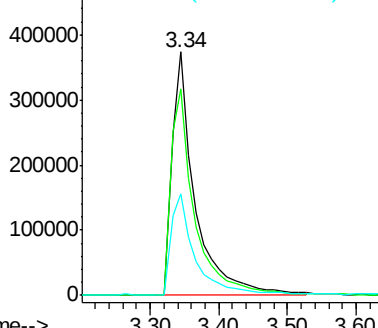
51 41.9 25.2 37.8#



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: 39.66 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.07 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

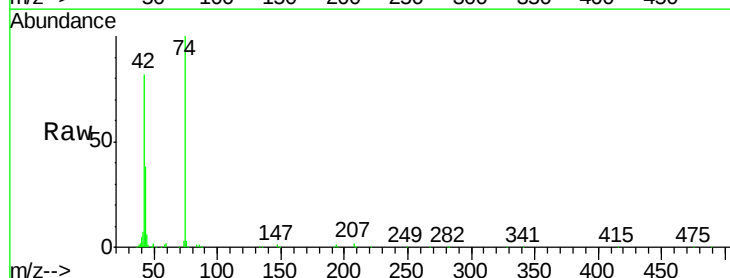
Tgt Ion: 42 Resp: 447541

Ion Ratio Lower Upper

42 100

74 122.1 115.7 173.5

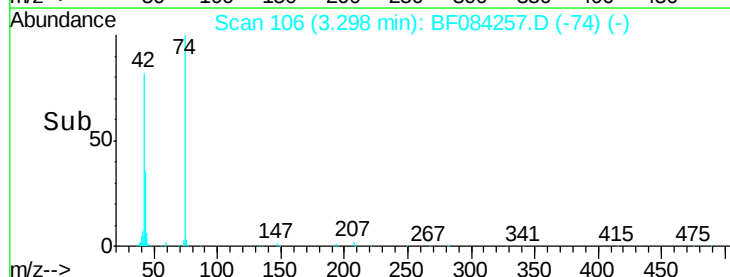
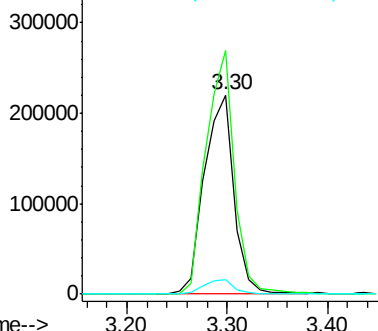
44 7.4 5.1 7.7

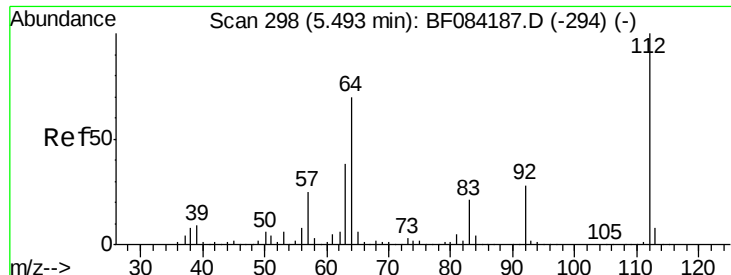


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 129.10 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

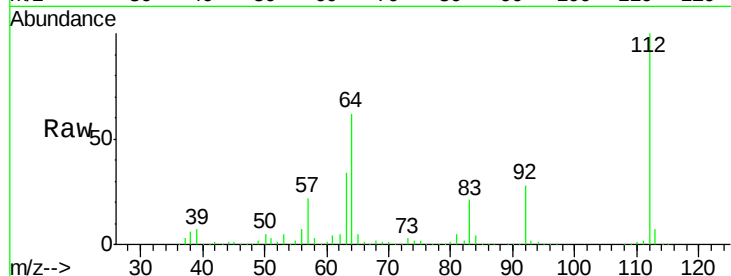
Tgt Ion: 112 Resp: 2149071

Ion Ratio Lower Upper

112 100

64 62.2 36.6 55.0#

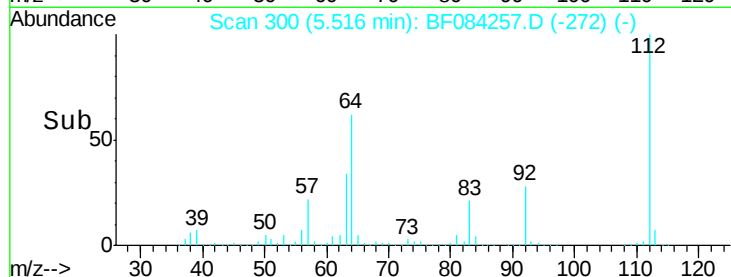
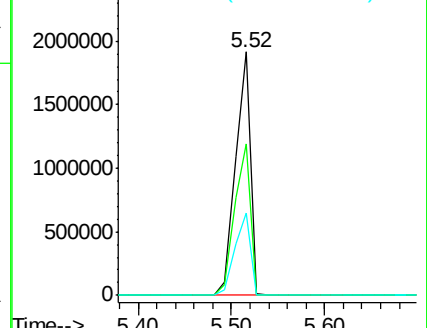
63 33.7 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.29 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

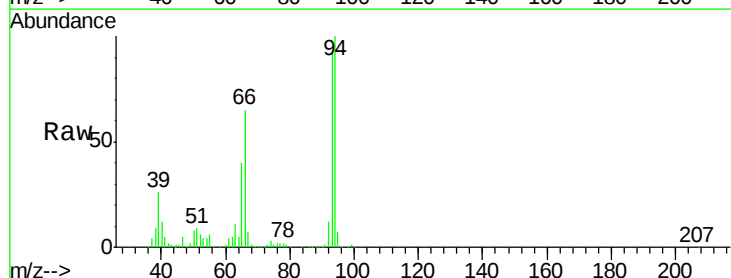
Tgt Ion: 93 Resp: 559535

Ion Ratio Lower Upper

93 100

66 69.4 44.9 67.3#

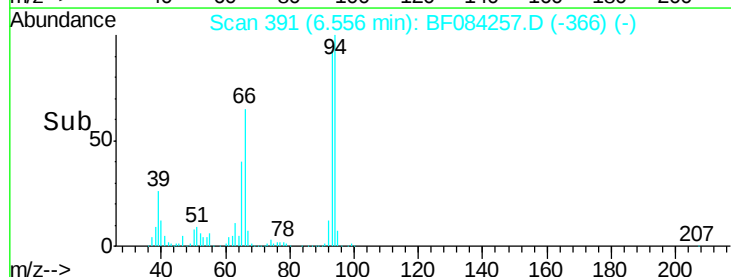
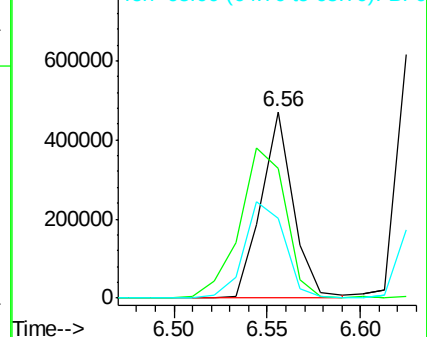
65 42.7 23.7 35.5#

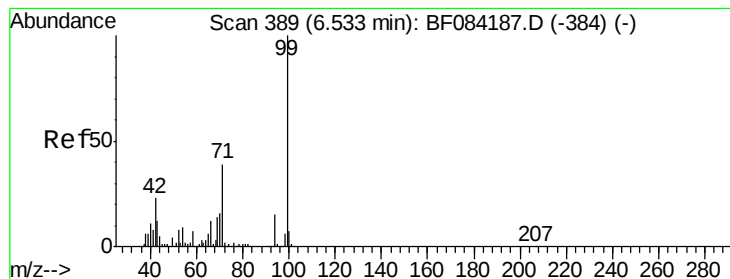


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.94 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

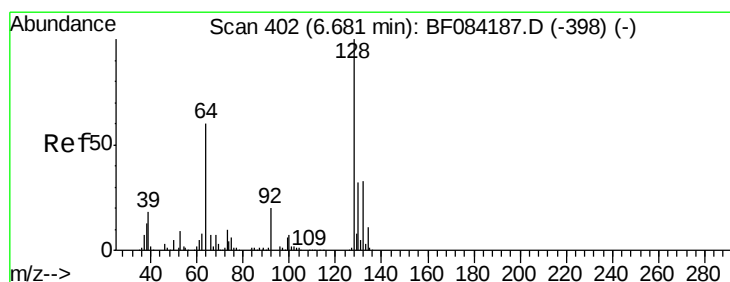
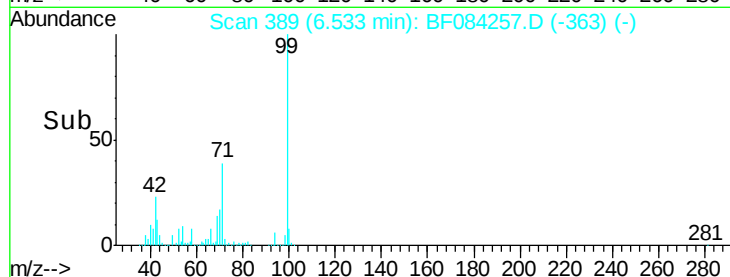
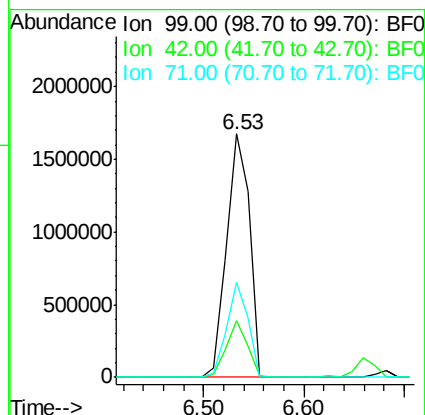
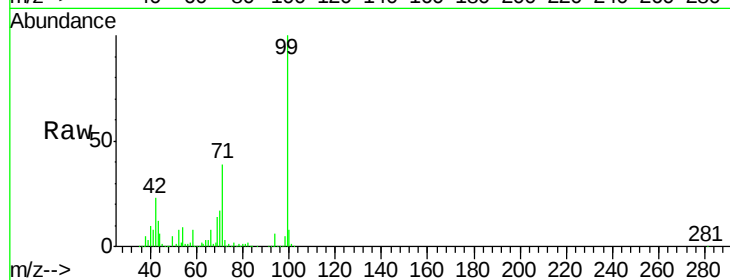
BNA_F

ClientSampleId :

PB87631BS

Tgt Ion: 99 Resp: 2633066

Ion	Ratio	Lower	Upper
99	100		
42	23.3	12.8	19.2#
71	38.9	30.9	46.3



#8

2-Chlorophenol

Concen: 43.03 ng

RT: 6.68 min Scan# 402

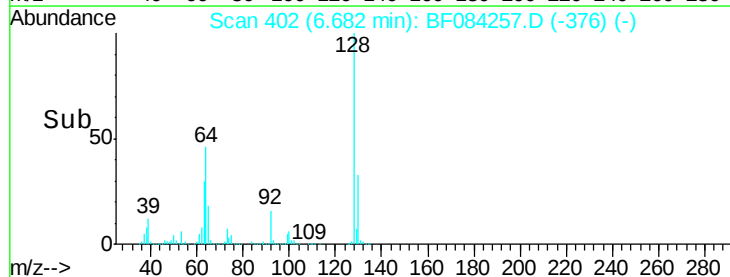
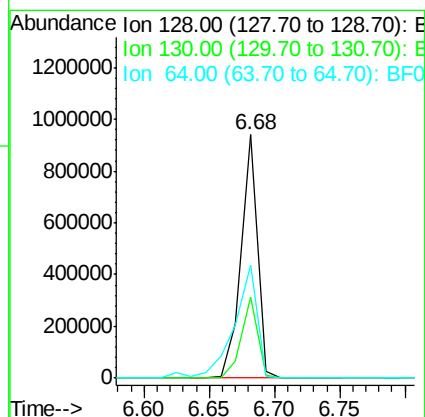
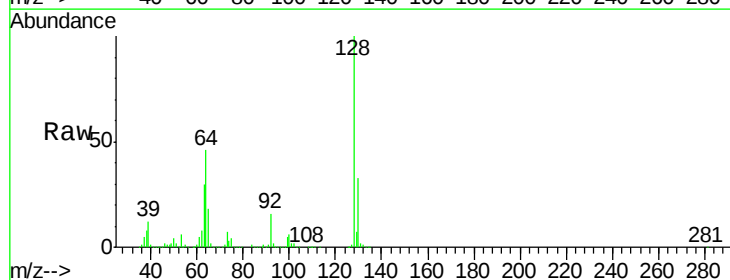
Delta R.T. 0.00 min

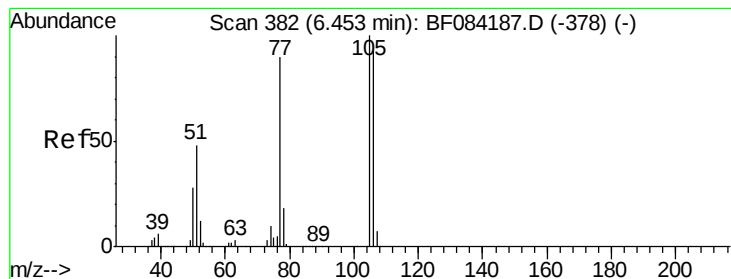
Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion: 128 Resp: 812641

Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.6	51.6
64	46.3	23.8	63.8





#9

Benzaldehyde

Concen: 18.87 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

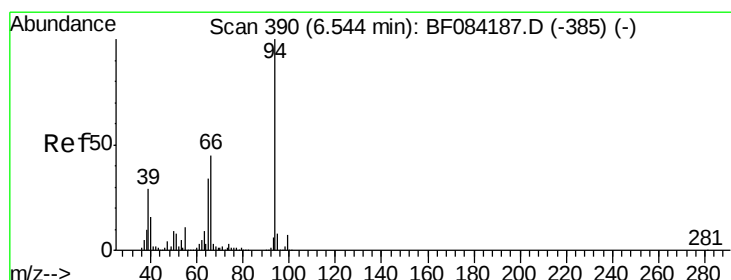
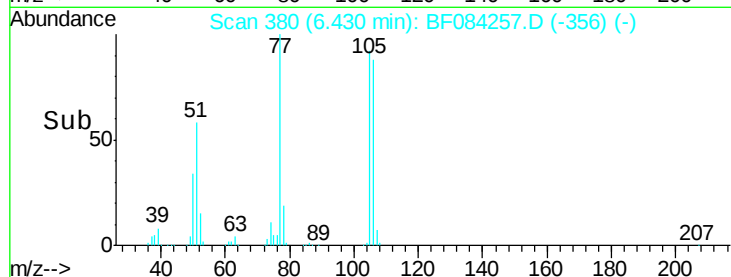
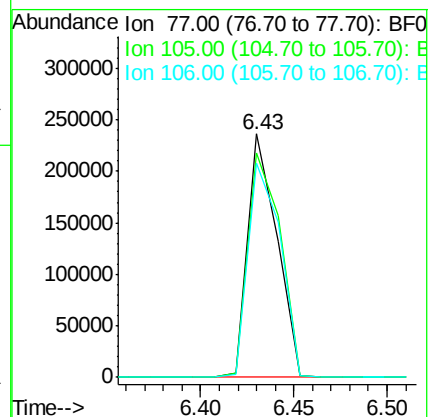
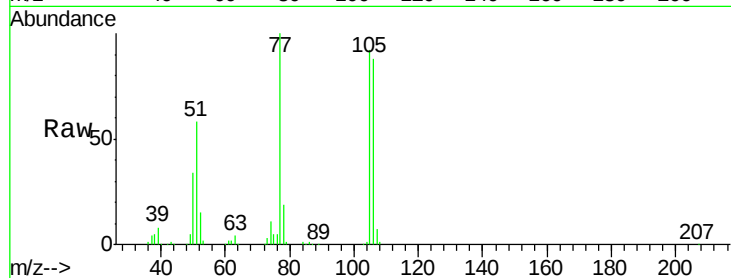
Tgt Ion: 77 Resp: 256899

Ion Ratio Lower Upper

77 100

105 92.0 83.0 123.0

106 87.9 74.6 114.6



#10

Phenol

Concen: 34.49 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

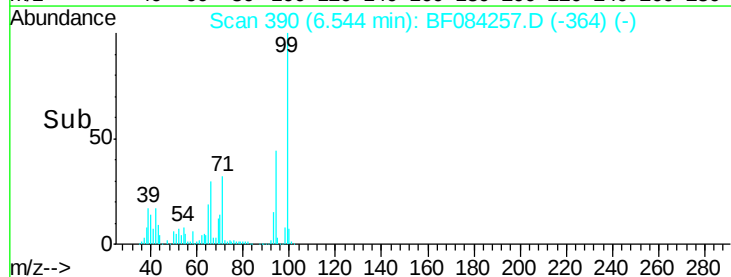
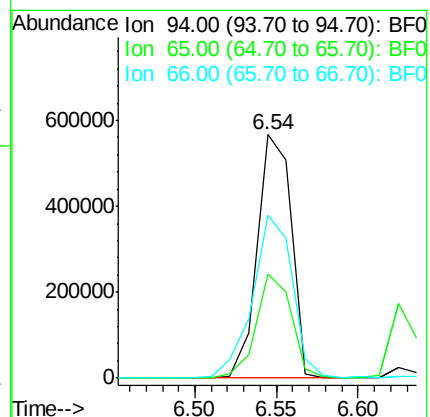
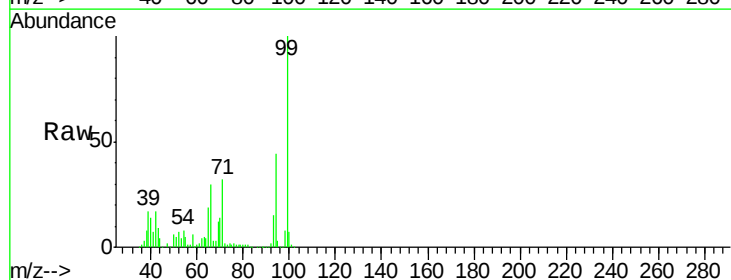
Tgt Ion: 94 Resp: 819868

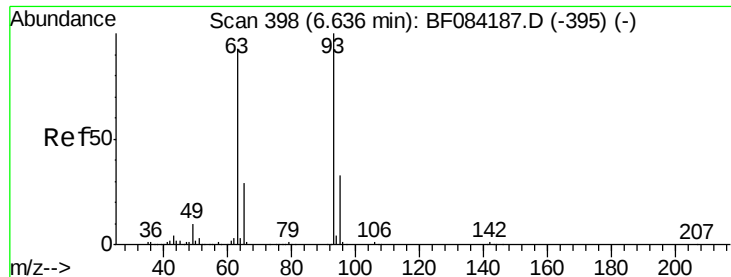
Ion Ratio Lower Upper

94 100

65 42.8 12.9 52.9

66 67.1 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 40.42 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

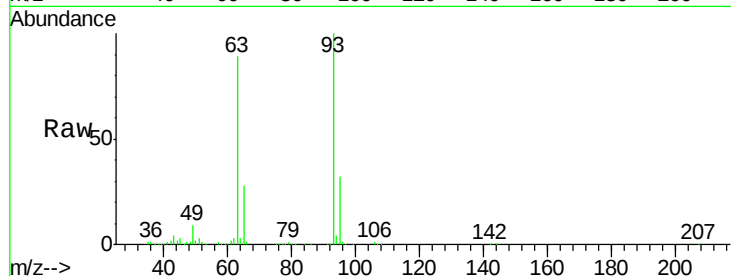
Tgt Ion: 93 Resp: 744250

Ion Ratio Lower Upper

93 100

63 89.4 45.9 85.9#

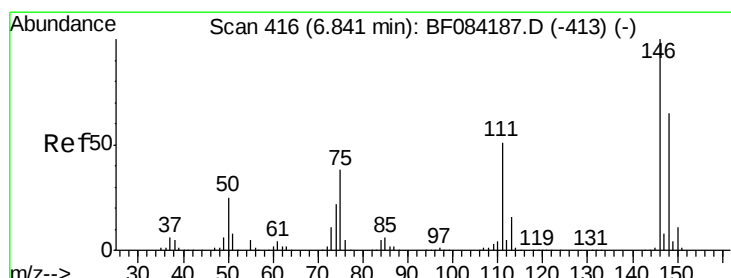
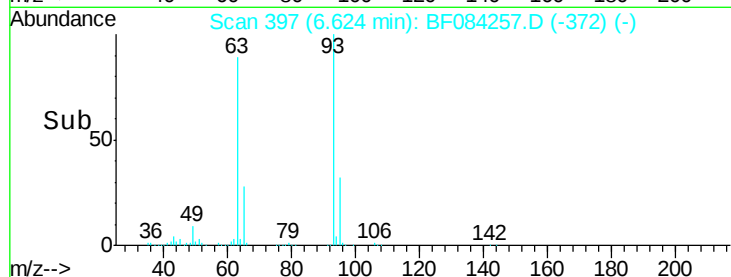
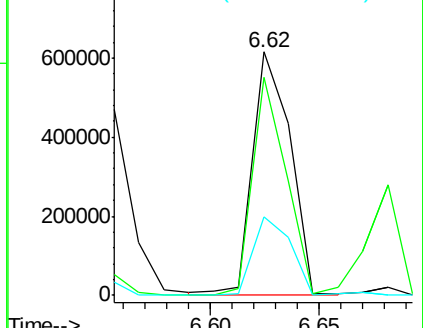
95 32.3 12.3 52.3



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: 42.61 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.07 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

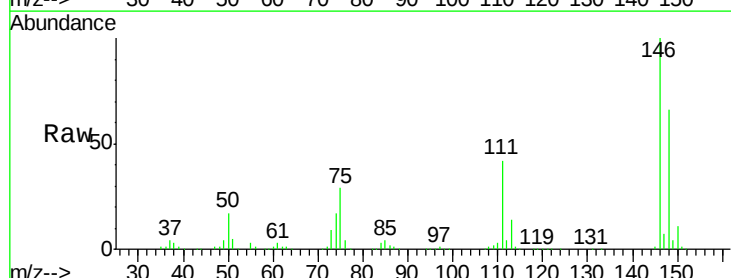
Tgt Ion: 146 Resp: 830268

Ion Ratio Lower Upper

146 100

148 65.7 51.9 77.9

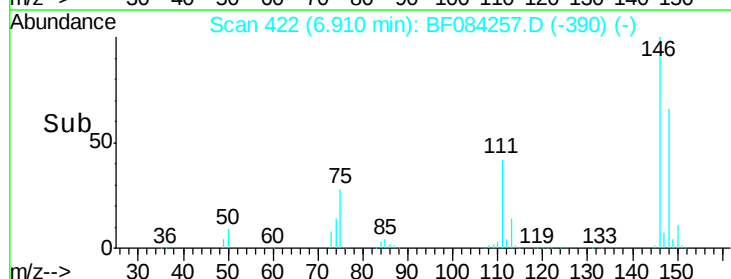
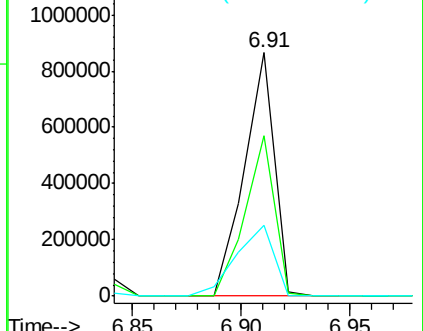
75 29.1 20.5 30.7

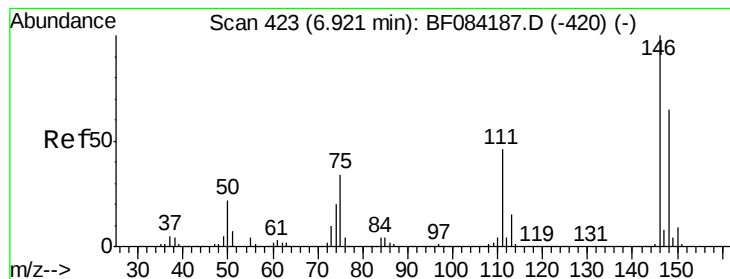


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.50 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

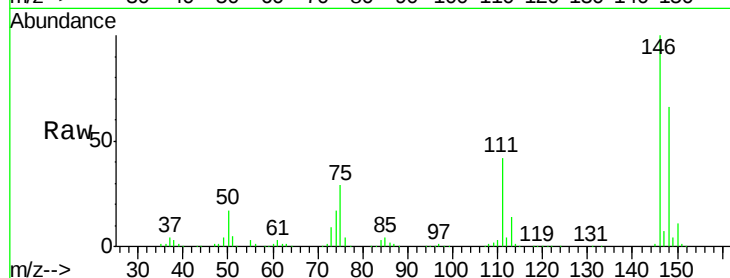
Tgt Ion:146 Resp: 830268

Ion Ratio Lower Upper

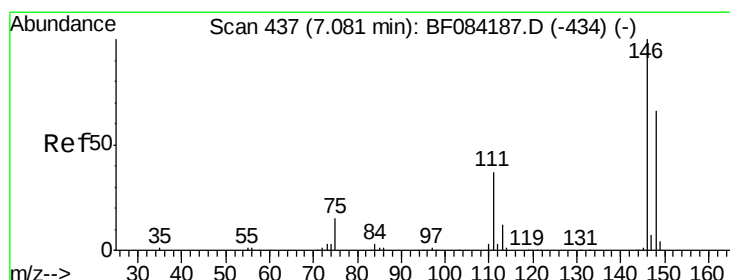
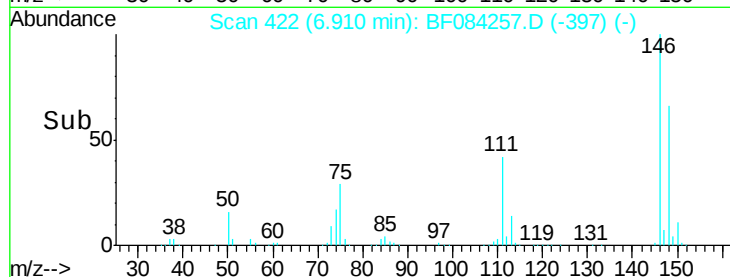
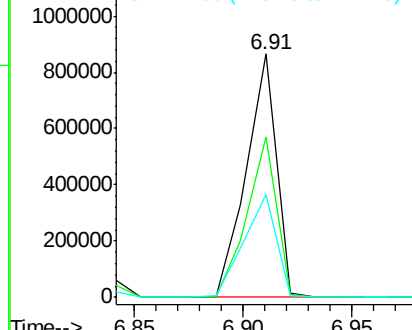
146 100

148 65.7 51.9 77.9

111 42.0 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: 38.13 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

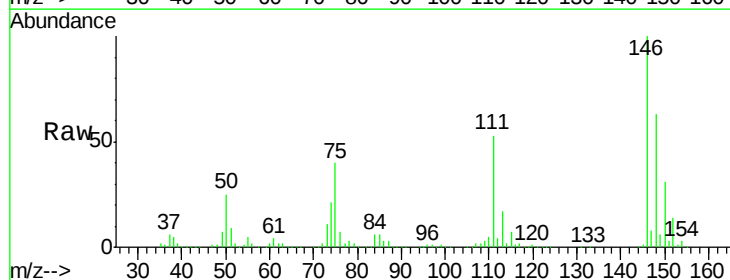
Tgt Ion:146 Resp: 713340

Ion Ratio Lower Upper

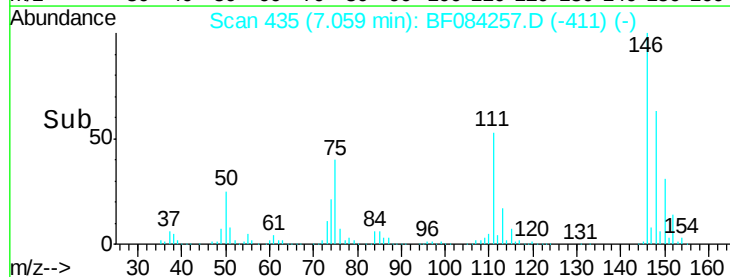
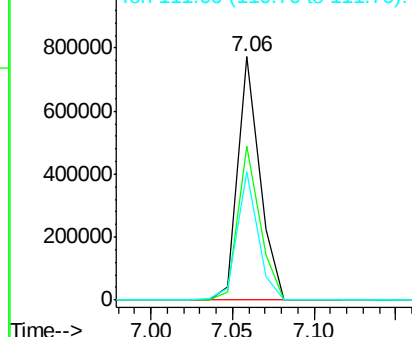
146 100

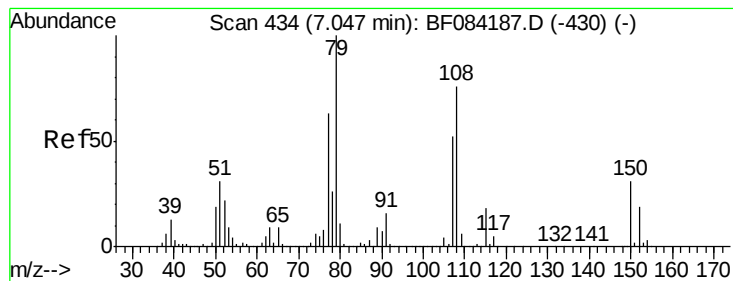
148 63.2 51.6 77.4

111 52.6 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: 37.74 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

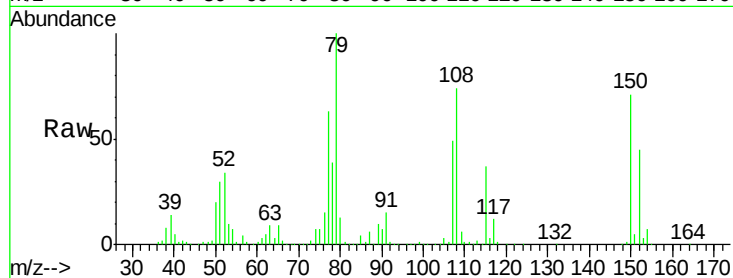
Tgt Ion: 79 Resp: 663733

Ion Ratio Lower Upper

79 100

108 74.4 69.0 103.4

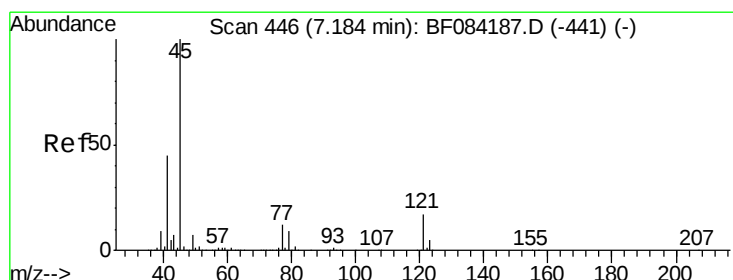
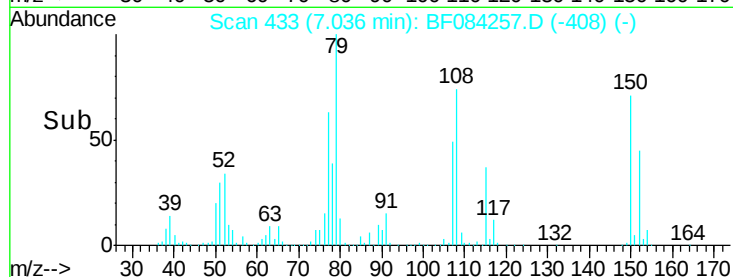
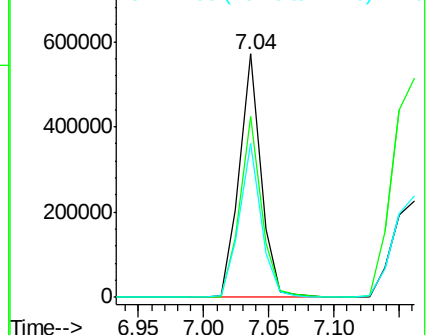
77 63.4 50.0 75.0



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: 36.78 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

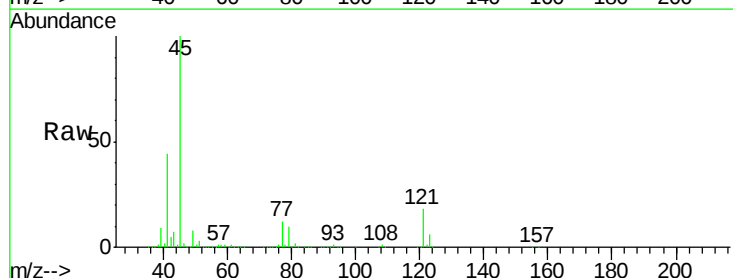
Tgt Ion: 45 Resp: 1233196

Ion Ratio Lower Upper

45 100

77 11.8 0.0 39.6

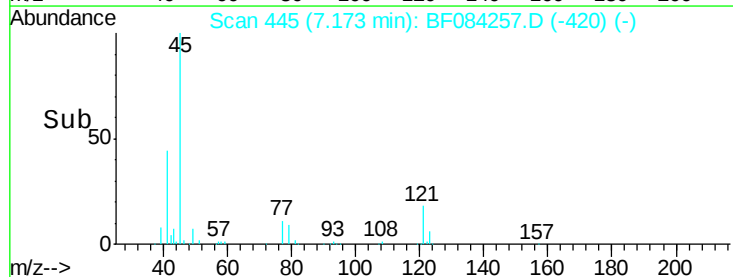
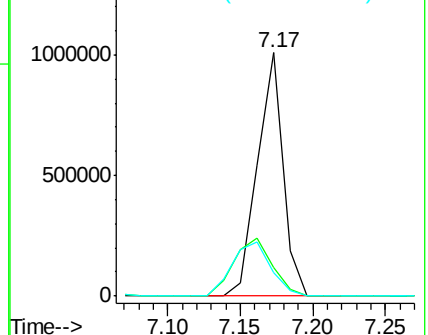
79 9.8 0.0 35.0

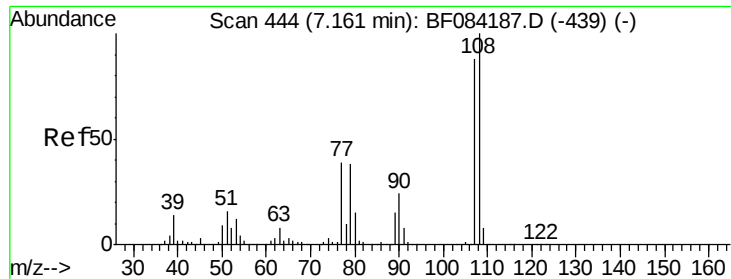


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

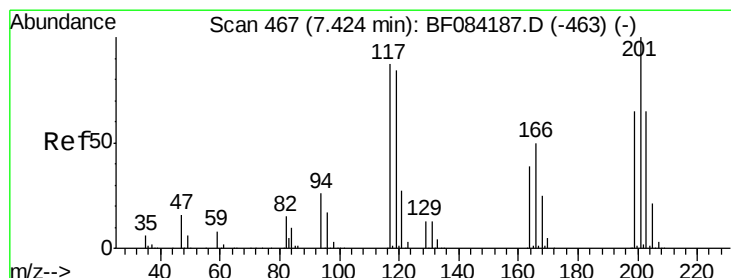
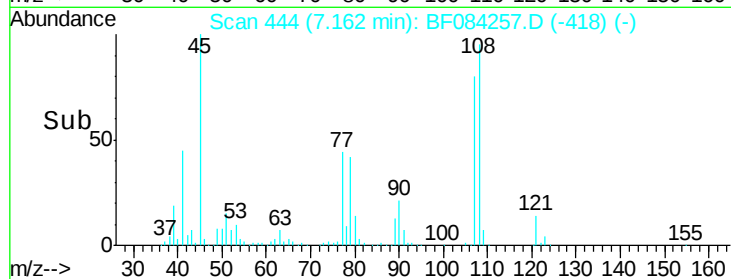
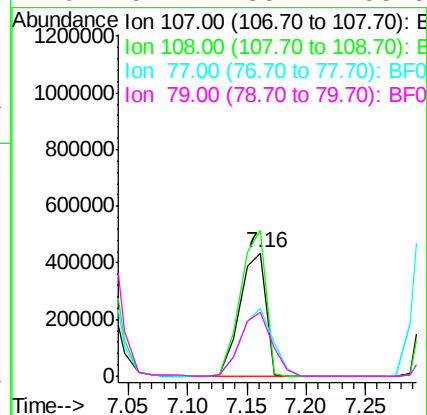
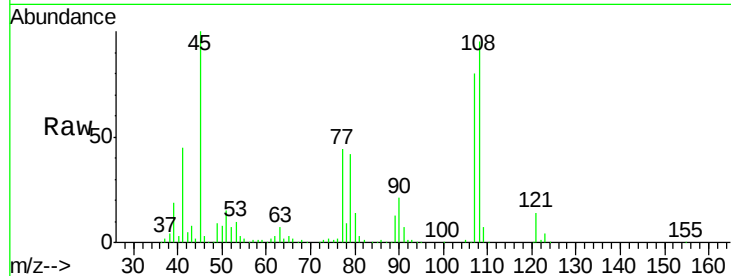




#17
2-Methylphenol
Concen: 41.94 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

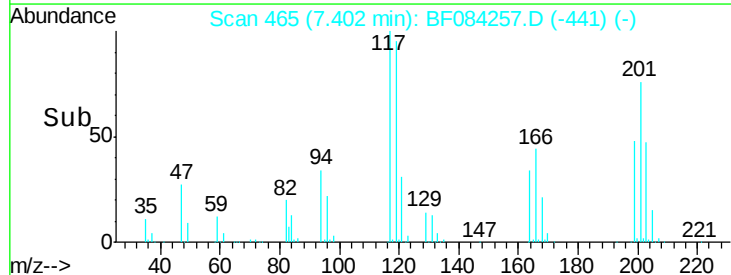
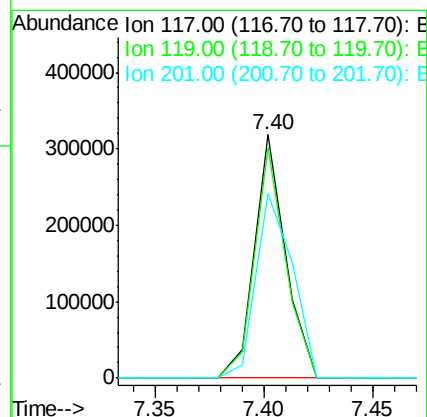
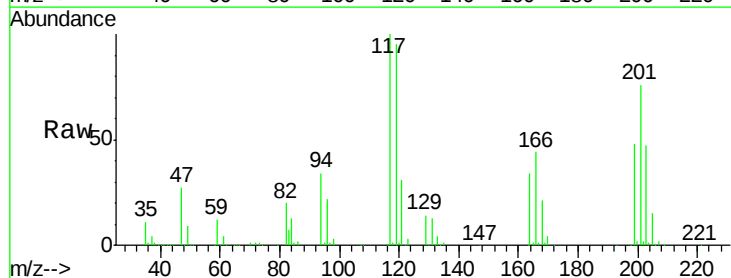
Instrument :
BNA_F
ClientSampleId :
PB87631BS

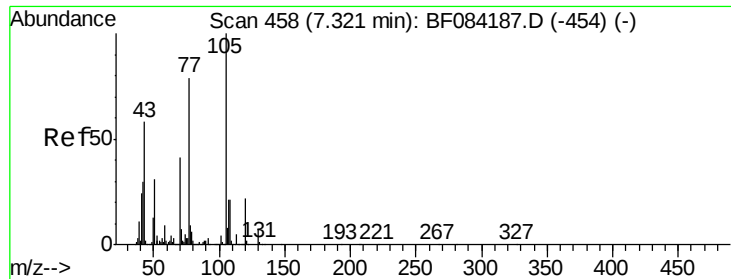
Tgt Ion	Ratio	Lower	Upper
107	100		
108	118.2	89.8	134.6
77	54.9	35.7	53.5#
79	51.7	35.7	53.5



#18
Hexachloroethane
Concen: 40.20 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.4	116.0
201	75.6	68.6	103.0

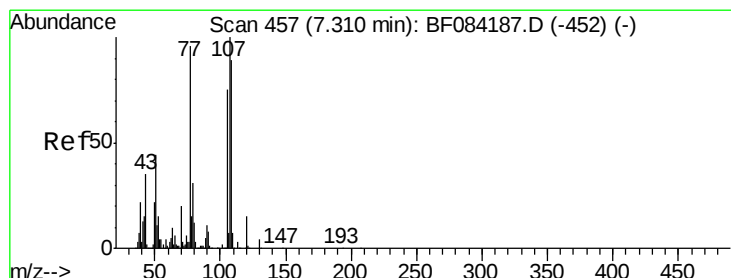
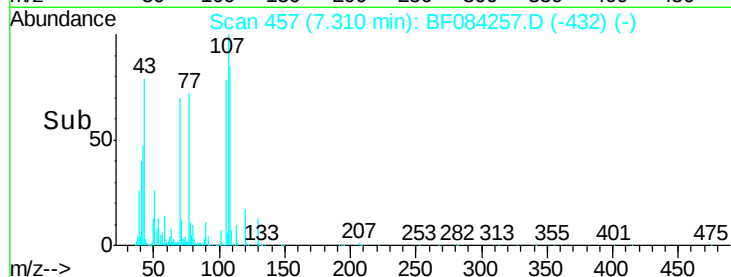
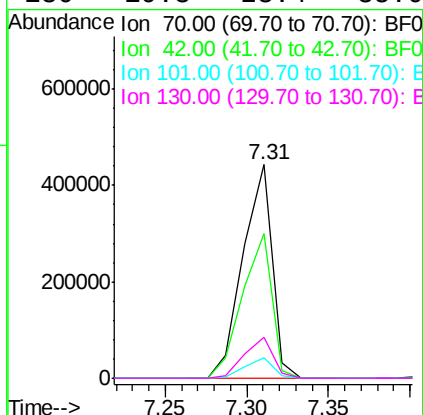
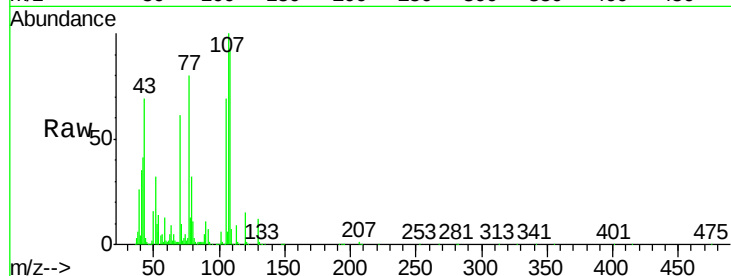




#19
n-Nitroso-di-n-propylamine
Concen: 38.80 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

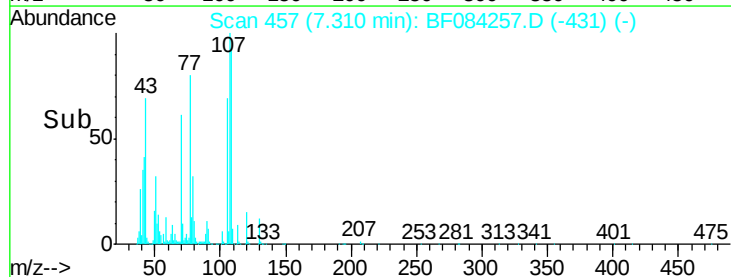
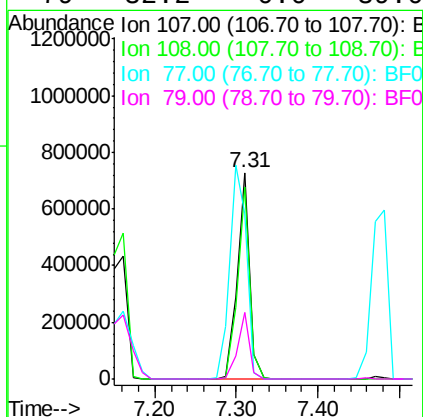
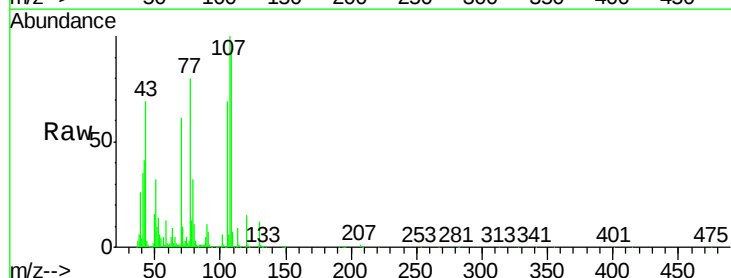
Instrument :
BNA_F
ClientSampleId :
PB87631BS

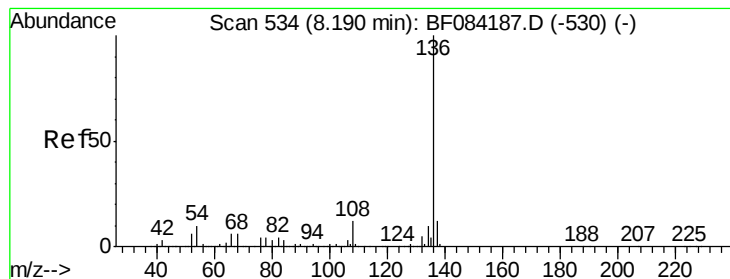
Tgt Ion:	70	Resp:	549138
Ion	Ratio	Lower	Upper
70	100		
42	67.5	33.3	49.9#
101	9.6	9.3	13.9
130	19.3	23.4	35.0#



#20
3+4-Methylphenols
Concen: 41.28 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion:	107	Resp:	767969
Ion	Ratio	Lower	Upper
107	100		
108	92.8	74.6	114.6
77	80.0	0.7	40.7#
79	32.2	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: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

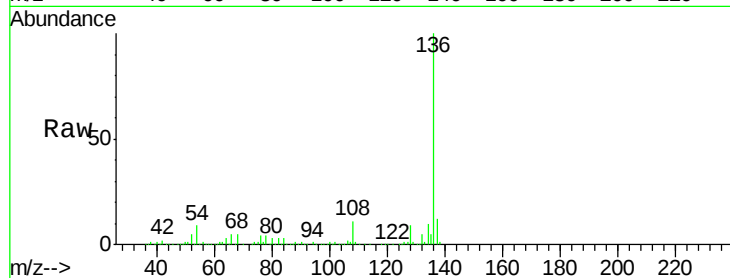
ClientSampleId :

PB87631BS

Tgt Ion:136 Resp: 1152992

Ion Ratio Lower Upper

136	100		
137	11.6	8.7	13.1
54	9.0	5.8	8.8#
68	5.3	4.2	6.2

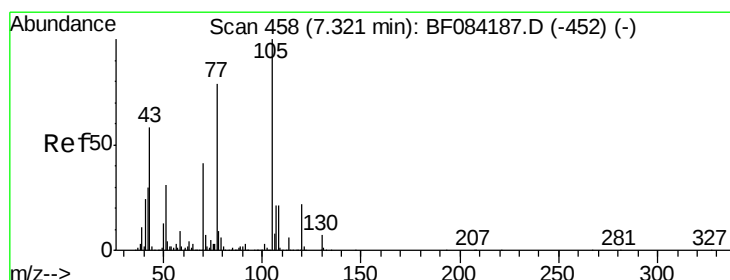
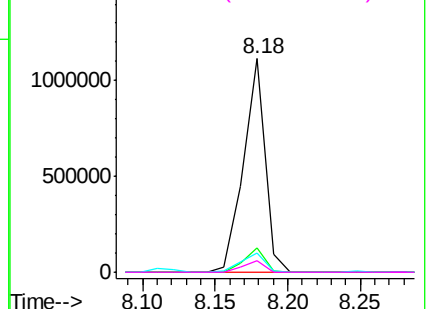
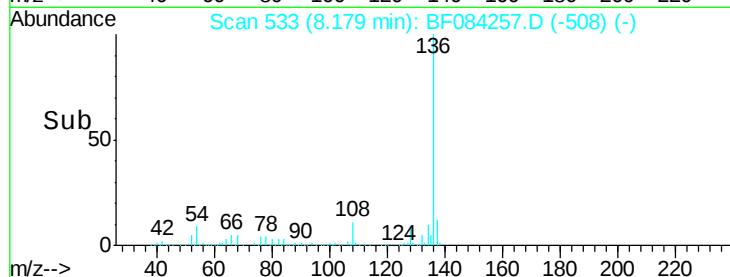


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 38.50 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

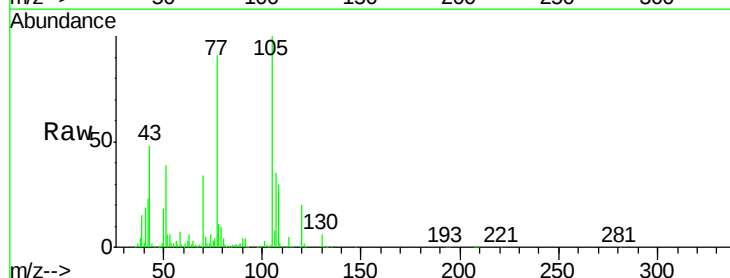
Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion:105 Resp: 1067333

Ion Ratio Lower Upper

105	100		
71	5.2	3.7	5.5
51	38.9	25.1	37.7#
120	20.4	16.6	25.0

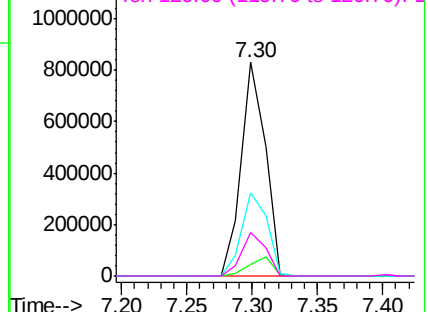
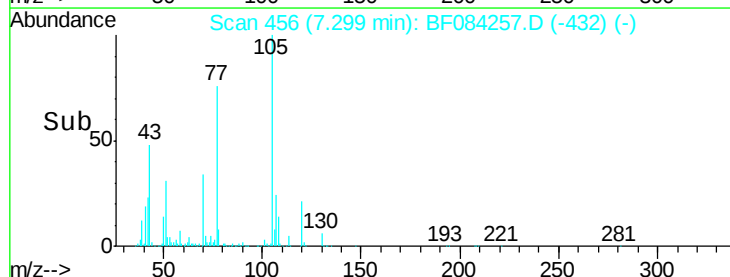


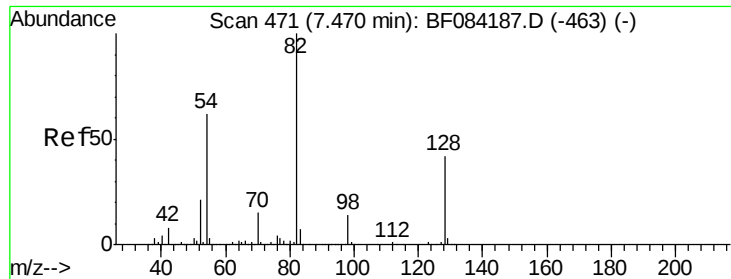
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

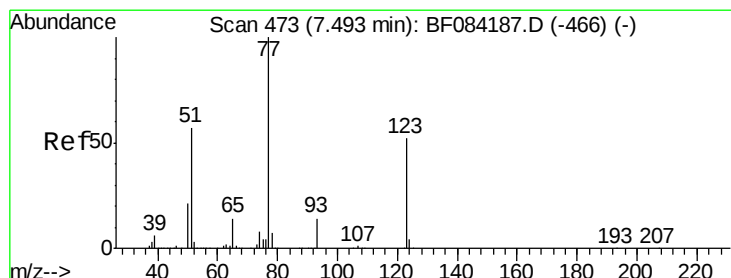
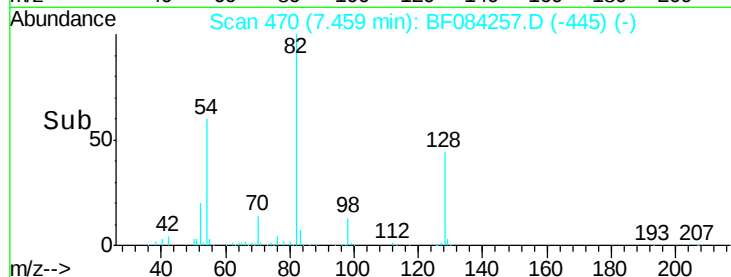
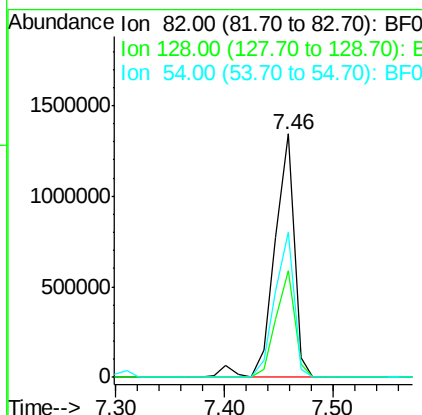
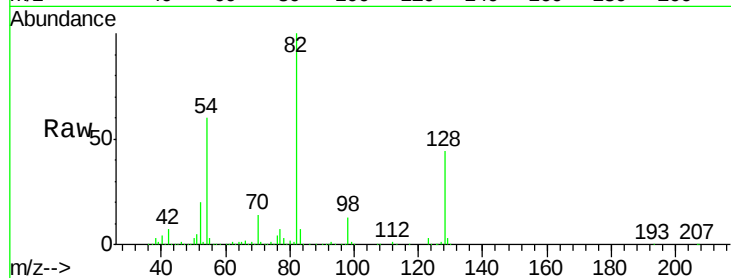




#23
 Nitrobenzene-d5
 Concen: 81.45 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

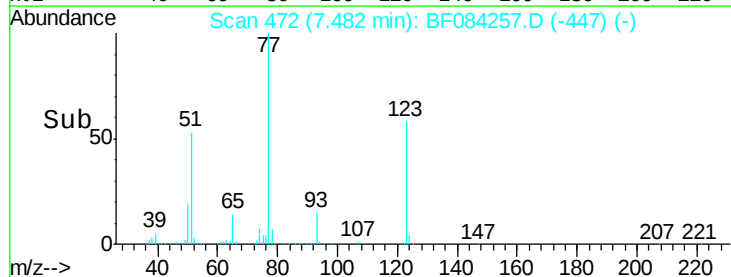
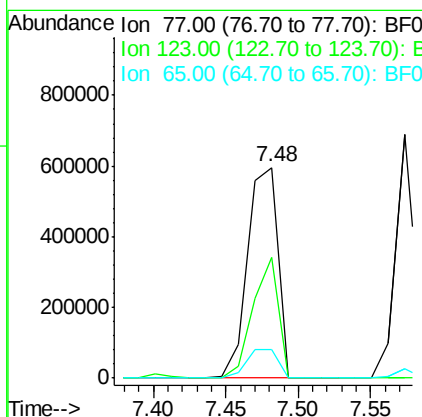
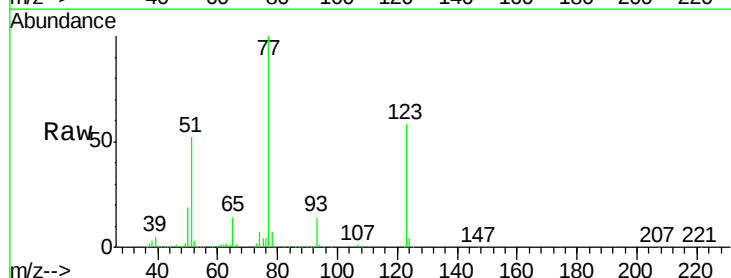
Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

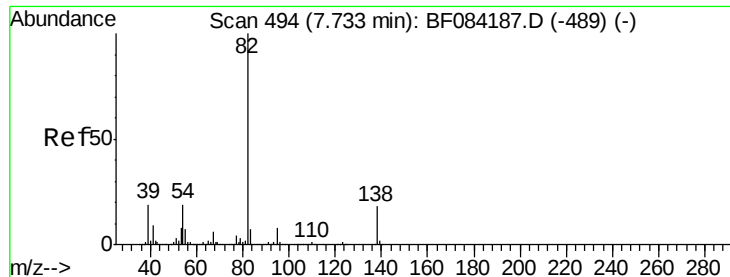
Tgt Ion: 82 Resp: 1687461
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 51.8
 54 59.7 38.4 57.6#



#24
 Nitrobenzene
 Concen: 40.88 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion: 77 Resp: 859046
 Ion Ratio Lower Upper
 77 100
 123 57.6 37.4 56.2#
 65 13.6 10.9 16.3





#25

Isophorone

Concen: 39.06 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

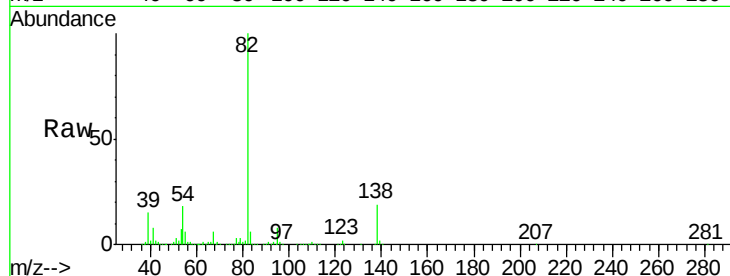
Tgt Ion: 82 Resp: 1547744

Ion Ratio Lower Upper

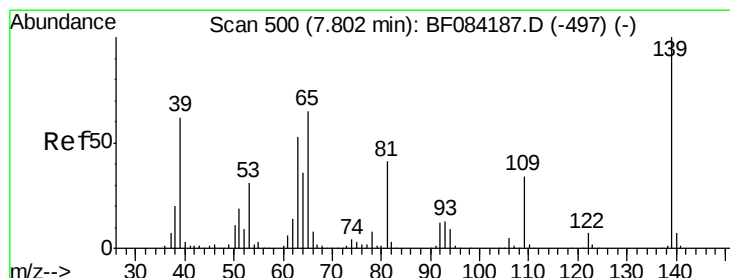
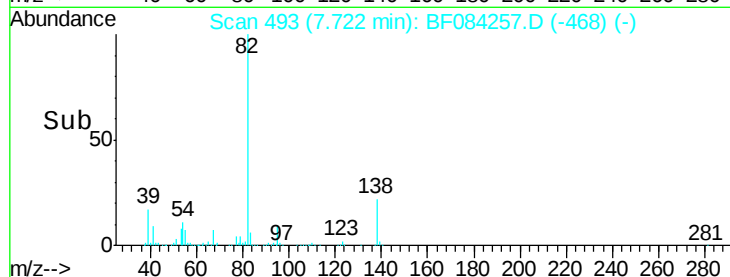
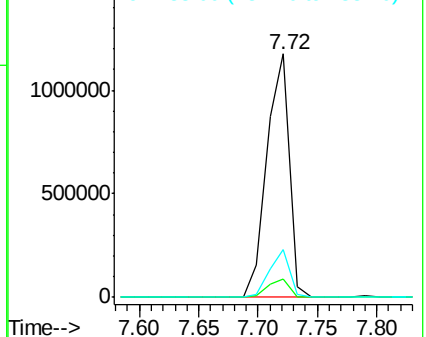
82 100

95 7.7 6.6 10.0

138 19.4 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: 41.52 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

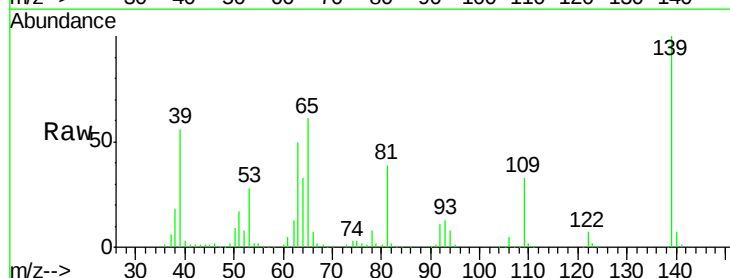
Tgt Ion: 139 Resp: 397065

Ion Ratio Lower Upper

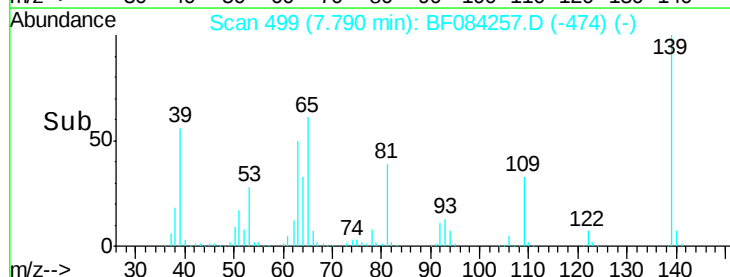
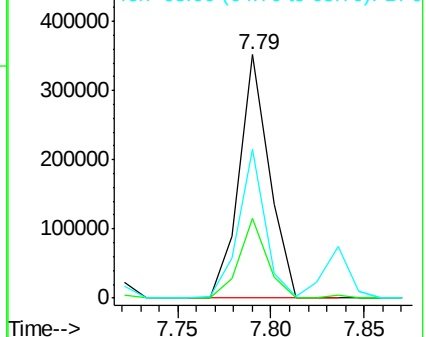
139 100

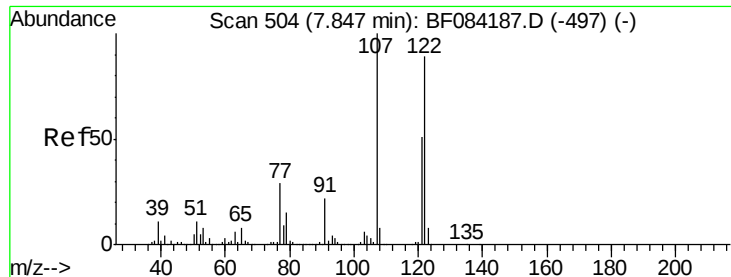
109 32.5 25.4 38.2

65 61.1 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: 38.78 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

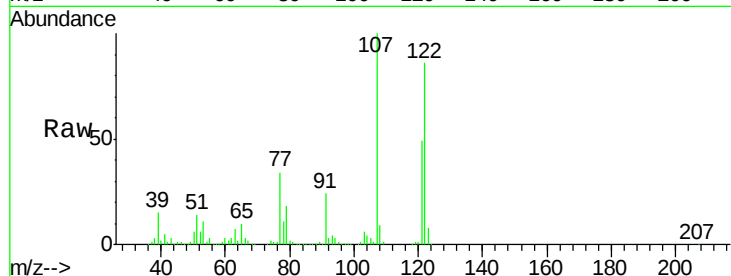
Tgt Ion:122 Resp: 750720

Ion Ratio Lower Upper

122 100

107 115.7 99.1 148.7

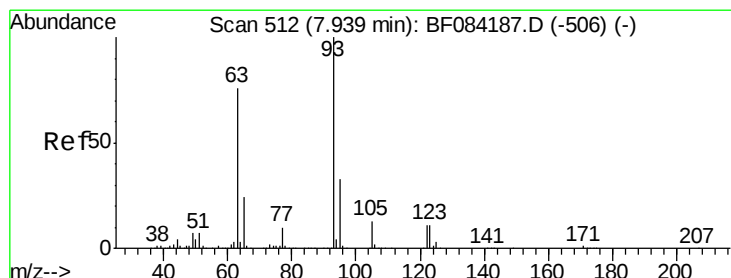
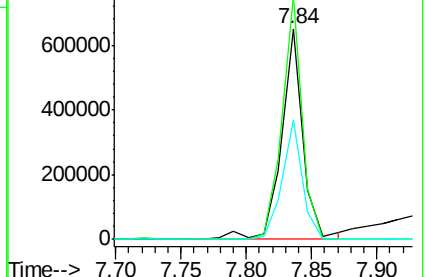
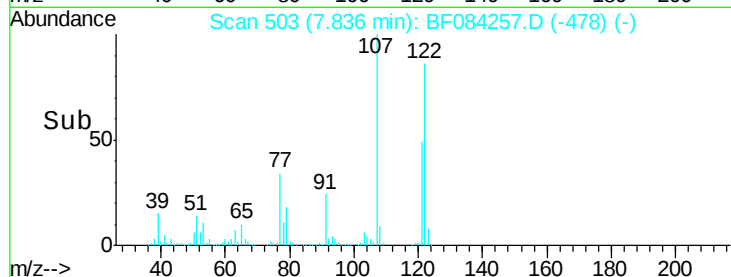
121 56.9 47.9 71.9



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: 38.32 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

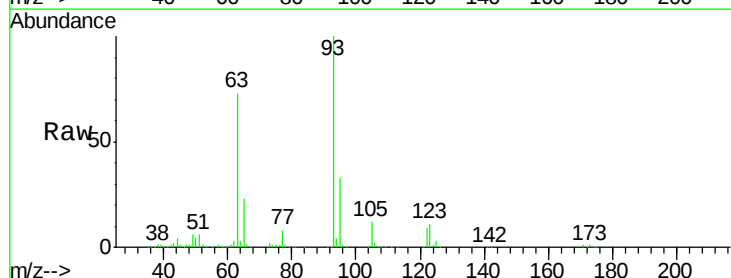
Tgt Ion: 93 Resp: 927418

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.6

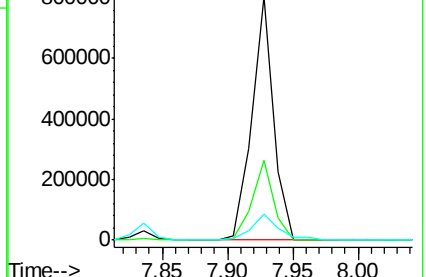
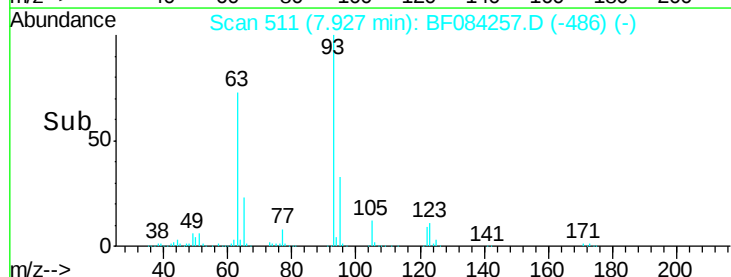
123 10.8 8.6 12.8



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: 43.19 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

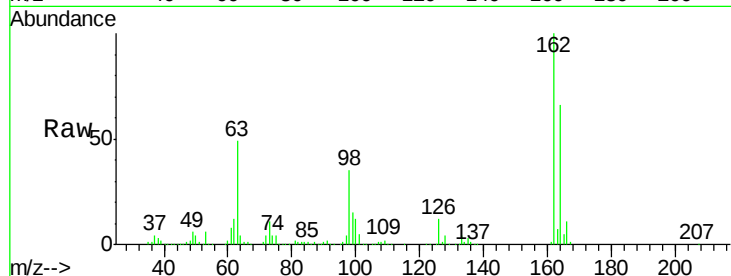
Tgt Ion:162 Resp: 696430

Ion Ratio Lower Upper

162 100

164 65.9 44.1 84.1

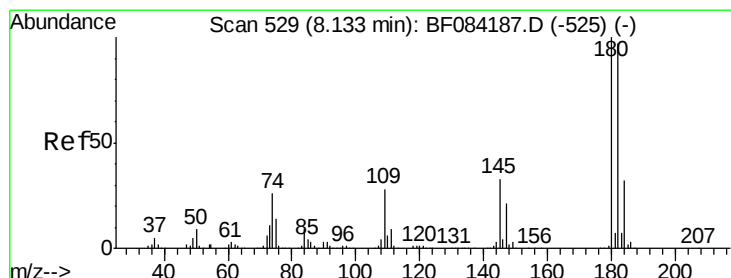
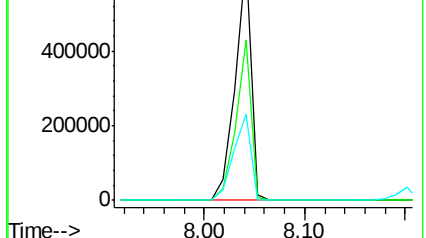
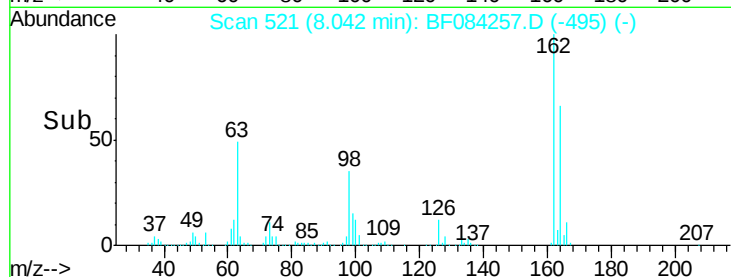
98 35.4 20.2 60.2



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: 42.38 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

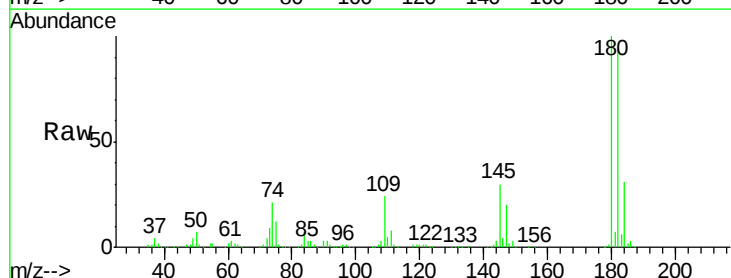
Tgt Ion:180 Resp: 705457

Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

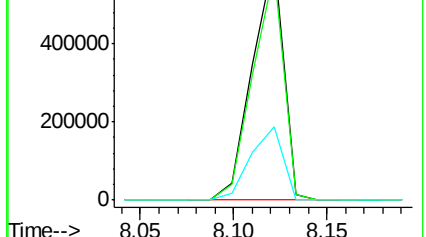
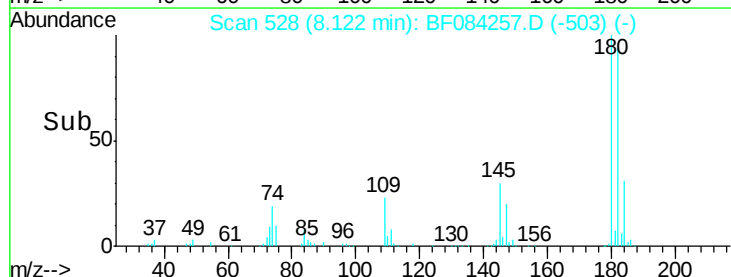
145 30.3 31.6 47.4#

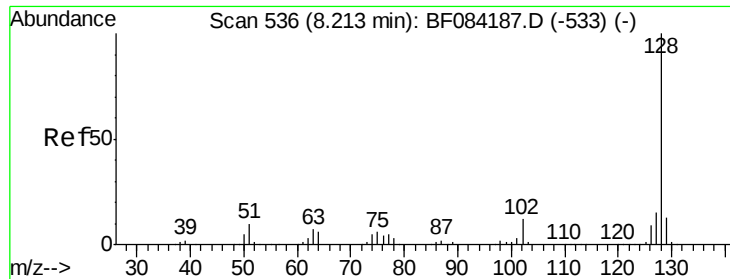


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

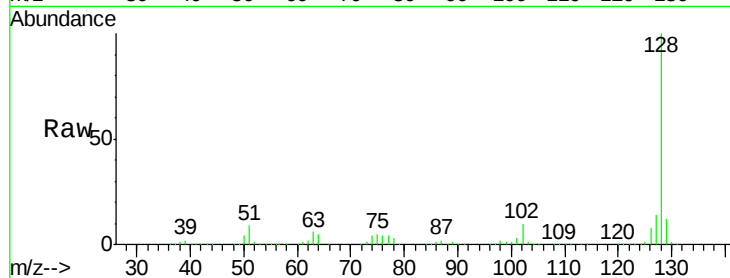




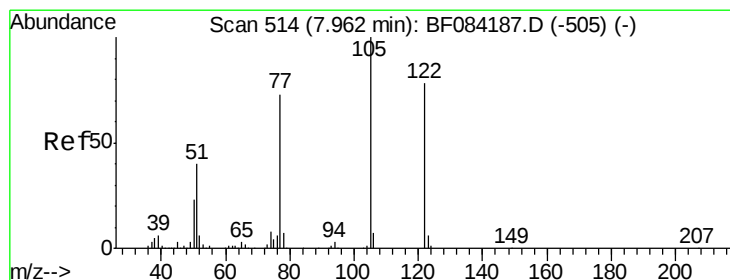
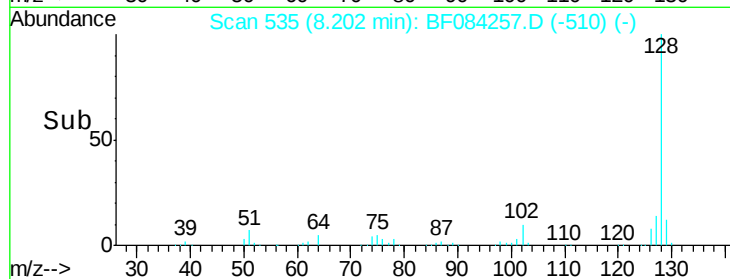
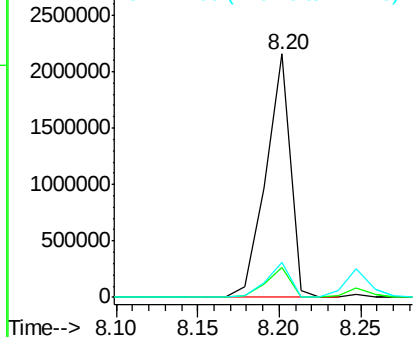
#31
Naphthalene
Concen: 43.17 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tgt Ion:128 Resp: 2258149
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 14.3 11.1 16.7

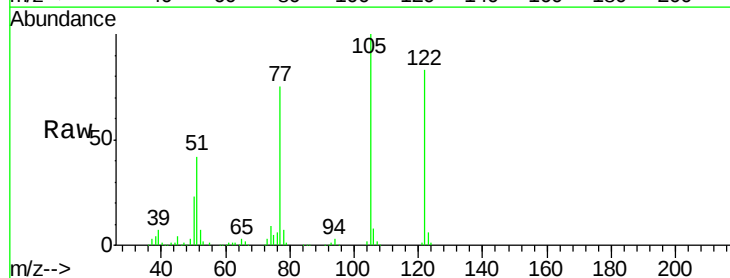


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

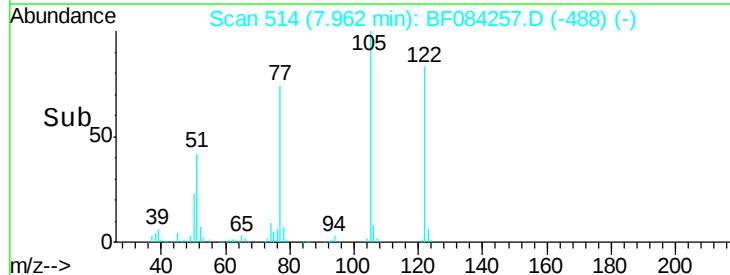
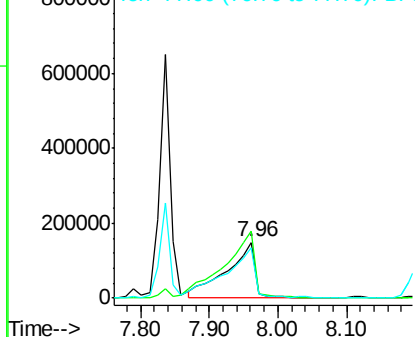


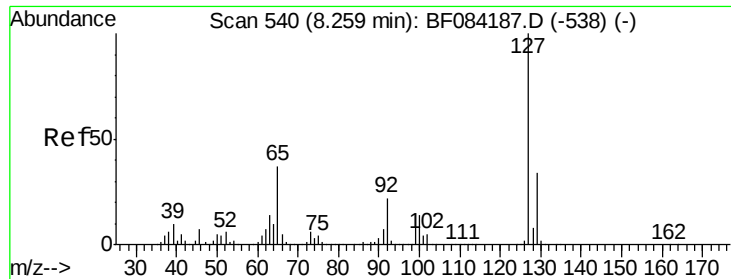
#32
Benzoic acid
Concen: 36.67 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion:122 Resp: 435506
Ion Ratio Lower Upper
122 100
105 120.1 100.3 140.3
77 90.4 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

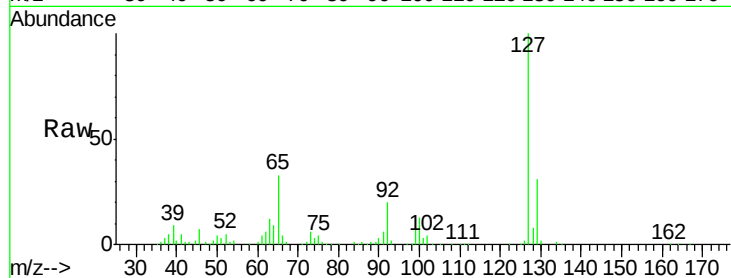




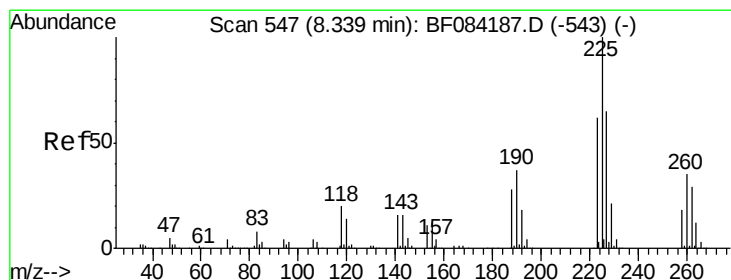
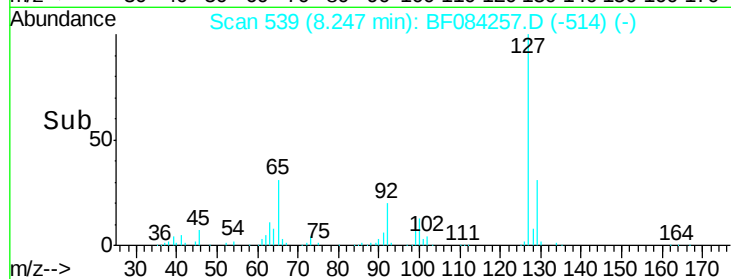
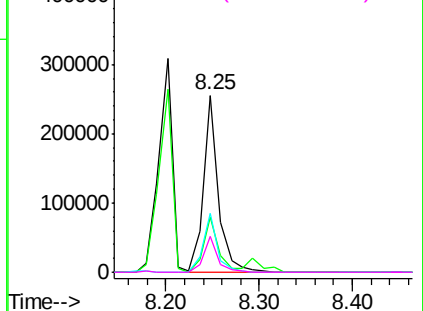
#33
4-Chloroaniline
Concen: 12.04 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tgt Ion:	127	Resp:	288858
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.5	39.7
65	33.2	27.2	40.8
92	20.3	17.7	26.5

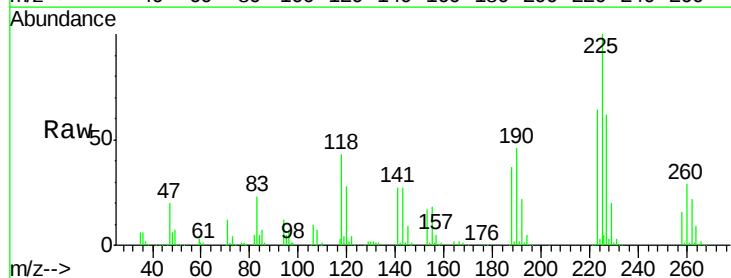


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

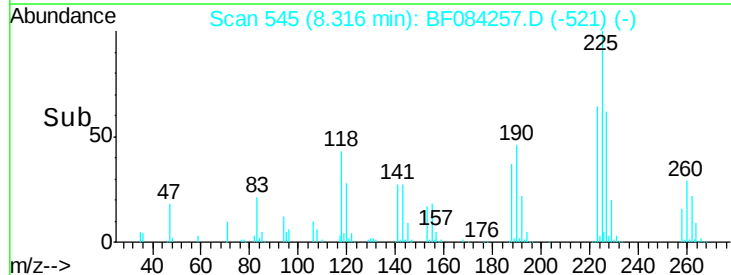
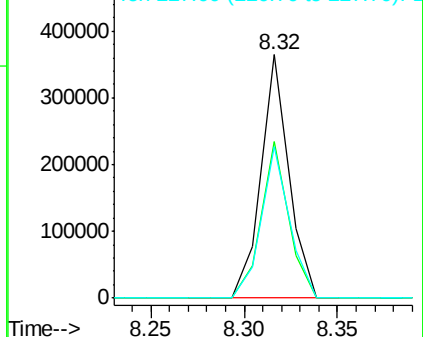


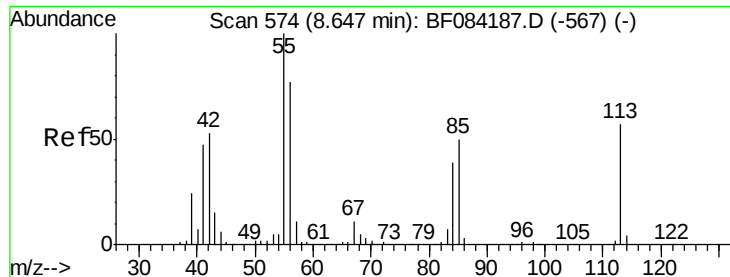
#34
Hexachlorobutadiene
Concen: 39.11 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion:	225	Resp:	374193
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.4	74.0
227	62.4	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

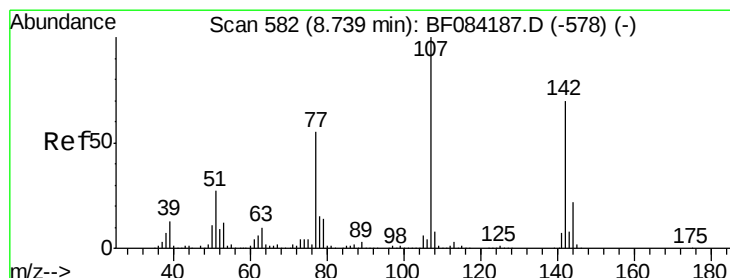
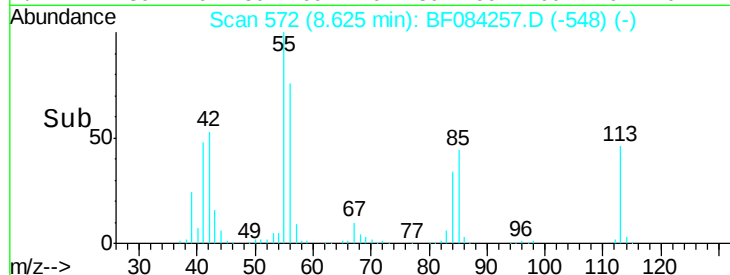
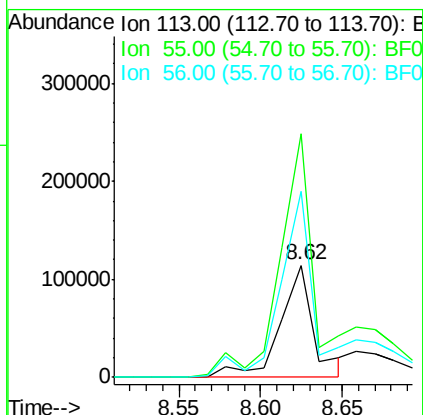
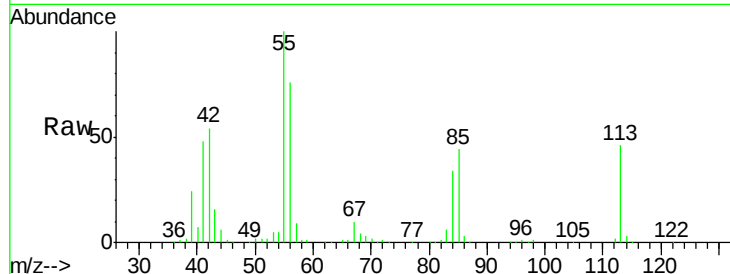




#35
 Caprolactam
 Concen: 29.85 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

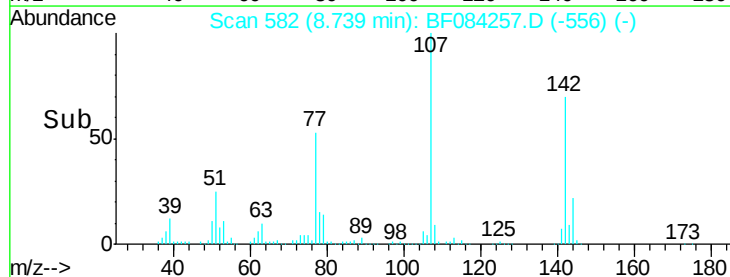
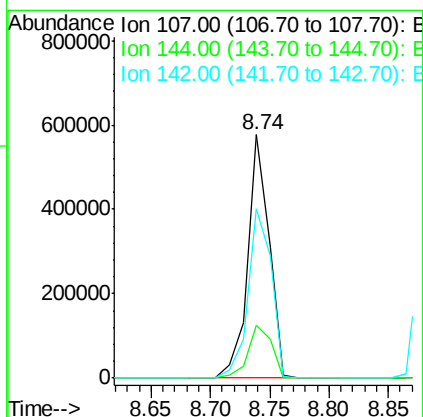
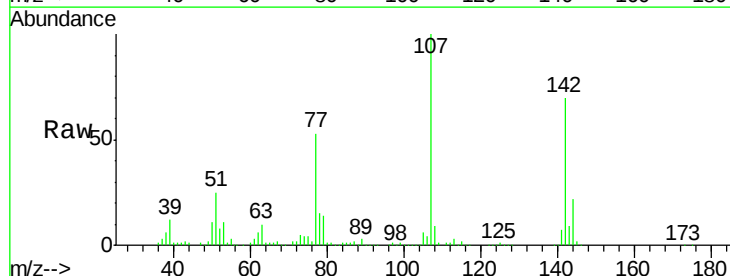
Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

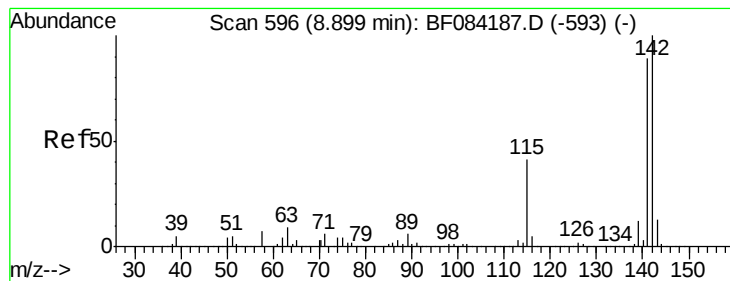
Tgt Ion:113 Resp: 162272
 Ion Ratio Lower Upper
 113 100
 55 217.1 116.9 156.9#
 56 165.3 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.28 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion:107 Resp: 727516
 Ion Ratio Lower Upper
 107 100
 144 21.8 19.7 29.5
 142 69.7 61.8 92.6





#37

2-Methylnaphthalene

Concen: 39.23 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

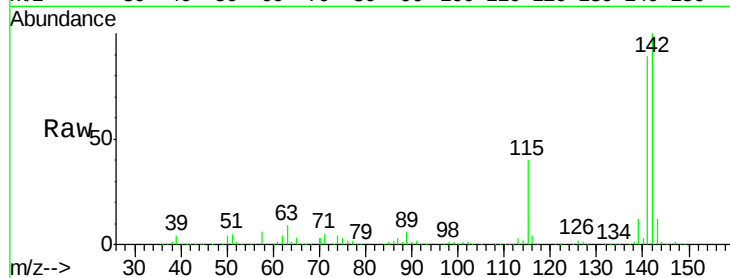
Tgt Ion:142 Resp: 1473114

Ion Ratio Lower Upper

142 100

141 88.7 72.4 108.6

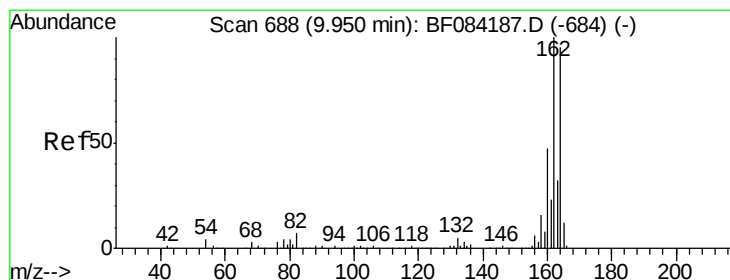
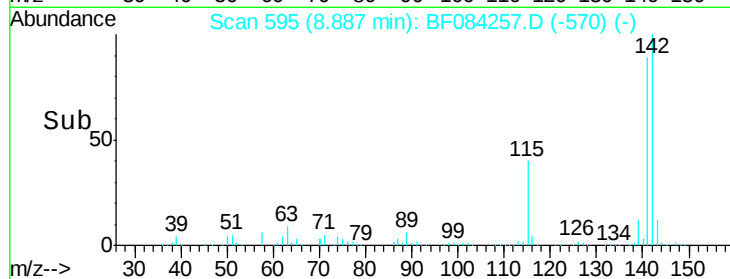
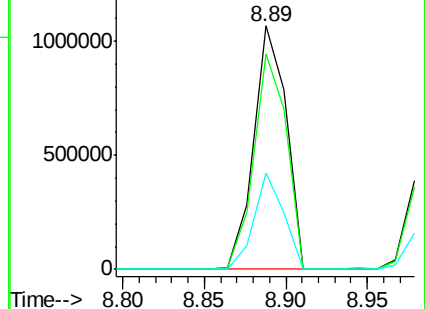
115 39.7 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

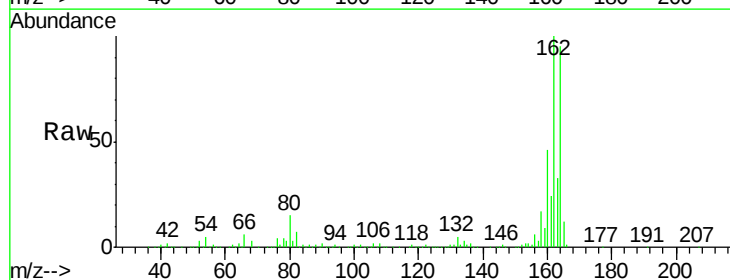
Tgt Ion:164 Resp: 544072

Ion Ratio Lower Upper

164 100

162 105.2 85.1 127.7

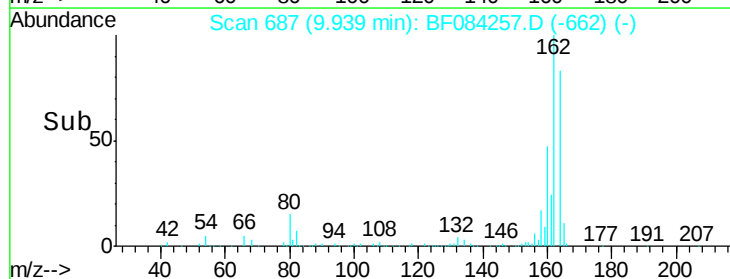
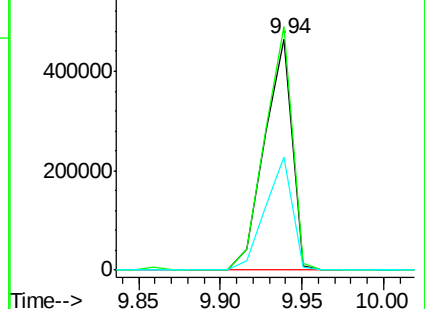
160 48.8 37.5 56.3

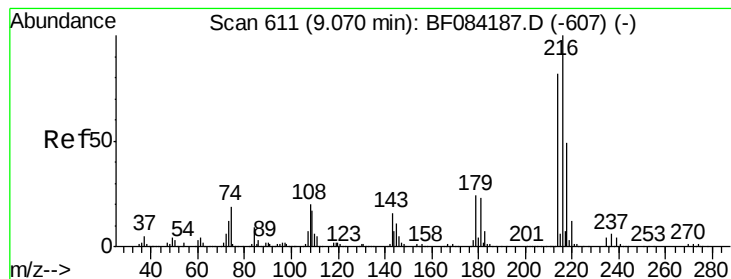


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.77 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

Tgt Ion:216 Resp: 637714

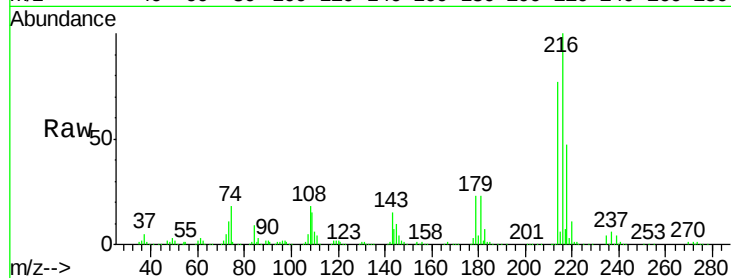
Ion Ratio Lower Upper

216 100

214 77.9 64.2 96.2

179 23.8 18.7 28.1

108 24.4 16.8 25.2

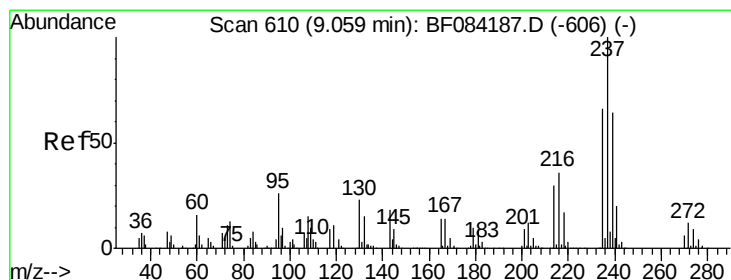
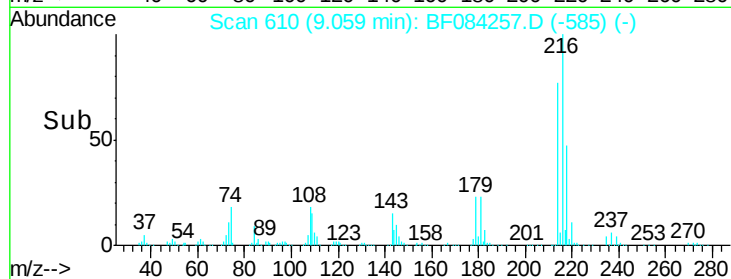
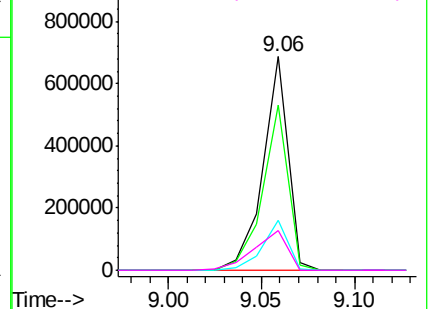


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.95 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

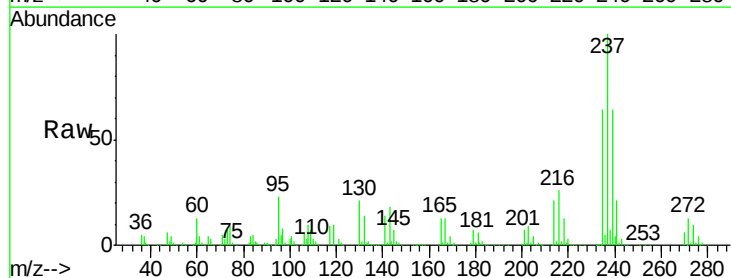
Tgt Ion:237 Resp: 717165

Ion Ratio Lower Upper

237 100

235 64.4 43.1 83.1

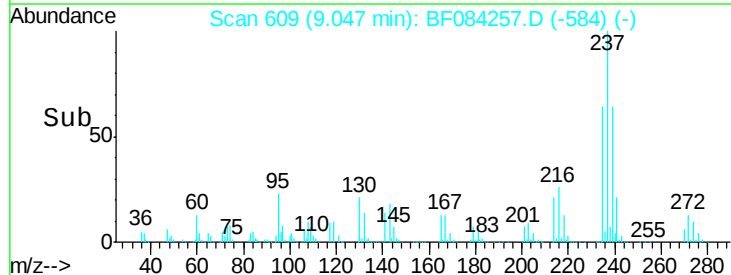
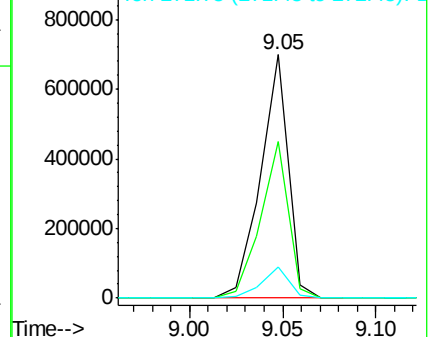
272 12.8 0.0 35.1

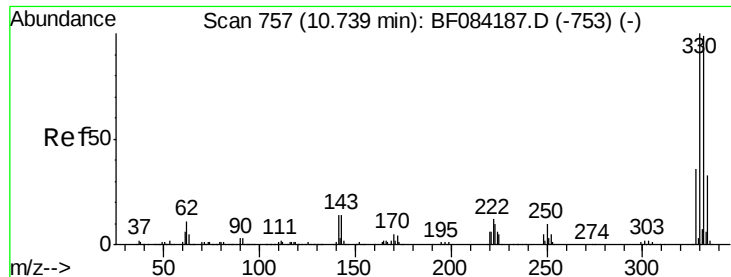


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

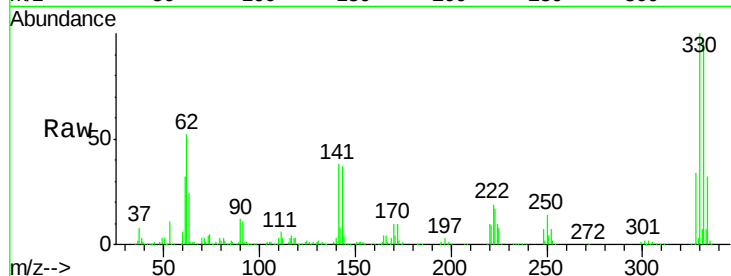




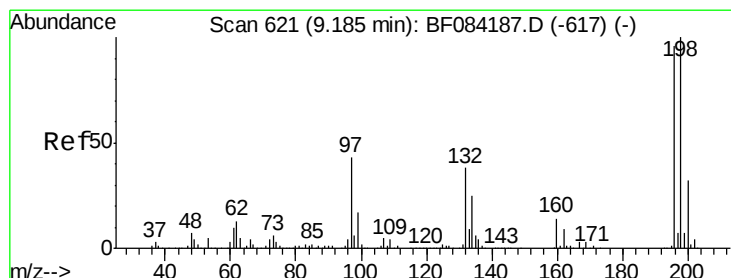
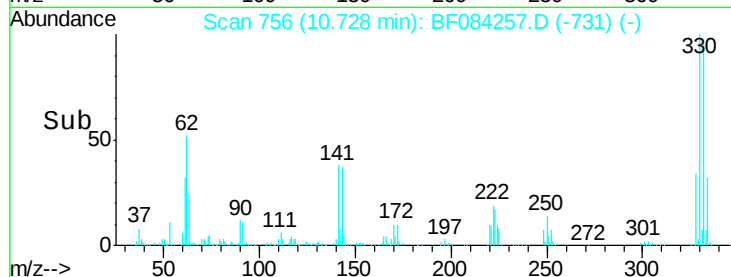
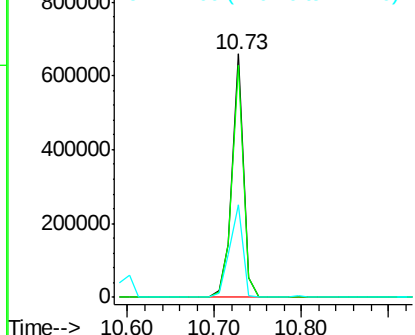
#41
 2,4,6-Tribromophenol
 Concen: 110.51 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

Tgt Ion:330 Resp: 607002
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 43.4 27.8 41.6#

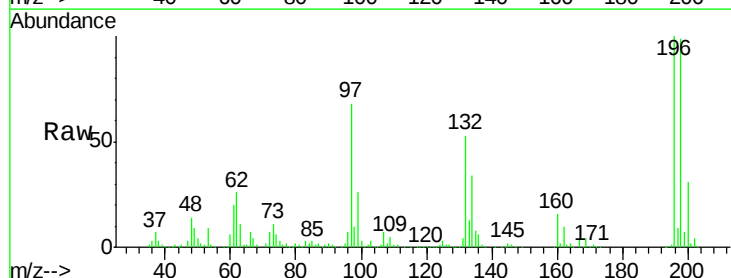


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

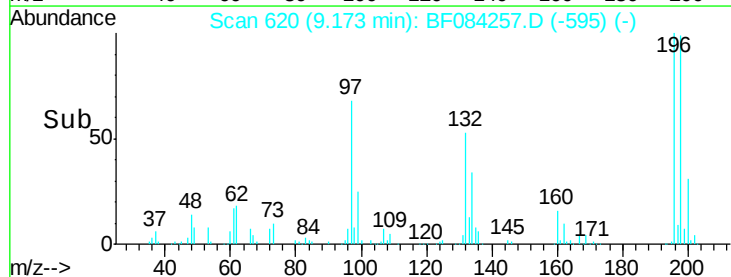
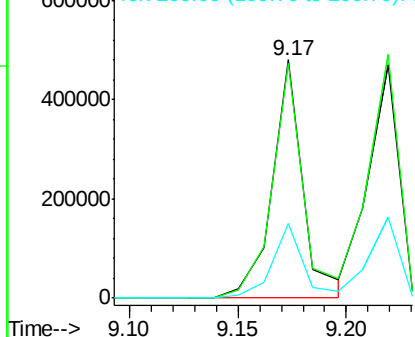


#42
 2,4,6-Trichlorophenol
 Concen: 40.76 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion:196 Resp: 476923
 Ion Ratio Lower Upper
 196 100
 198 98.6 77.7 116.5
 200 31.3 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

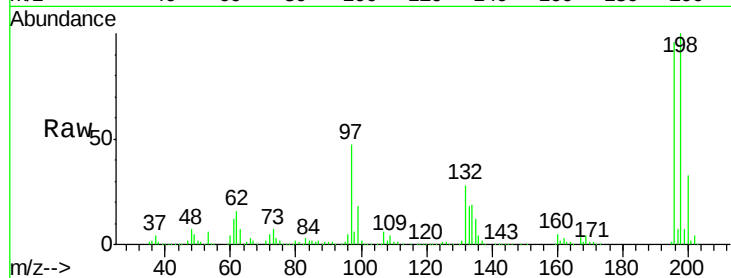




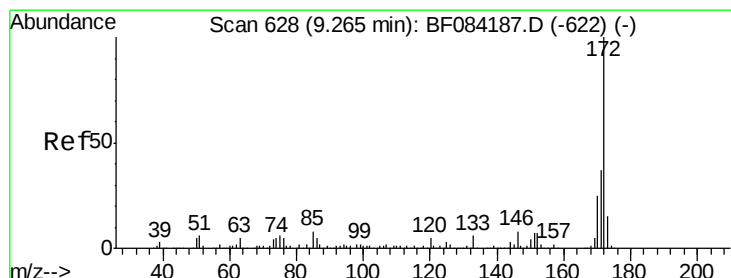
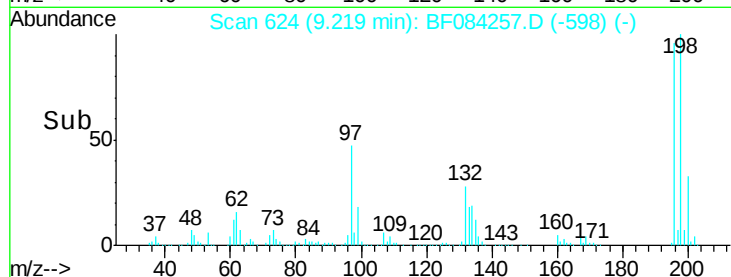
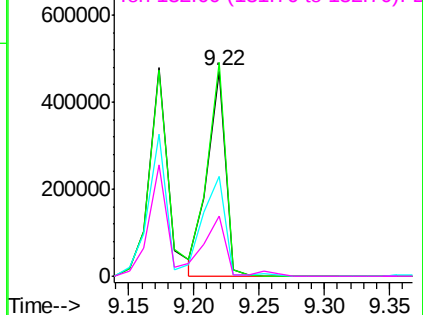
#43
 2,4,5-Trichlorophenol
 Concen: 40.98 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

Tgt Ion:196 Resp: 459734
 Ion Ratio Lower Upper
 196 100
 198 104.2 79.0 118.6
 97 48.7 33.0 49.6
 132 29.1 21.1 31.7

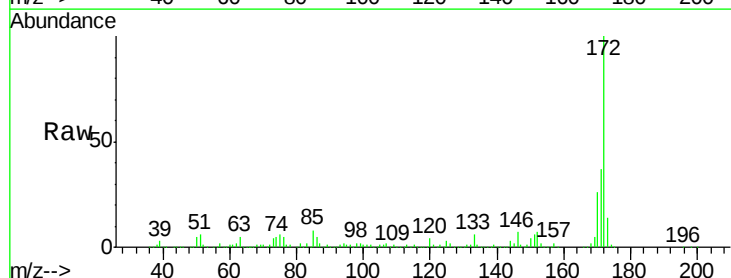


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

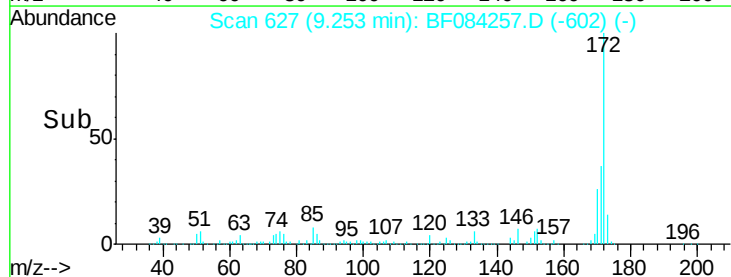
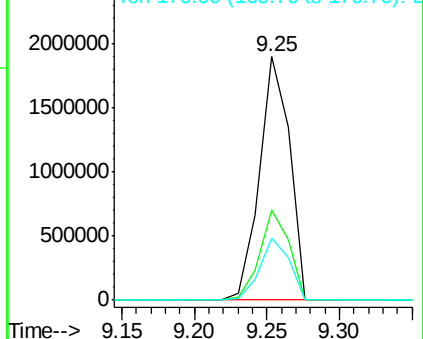


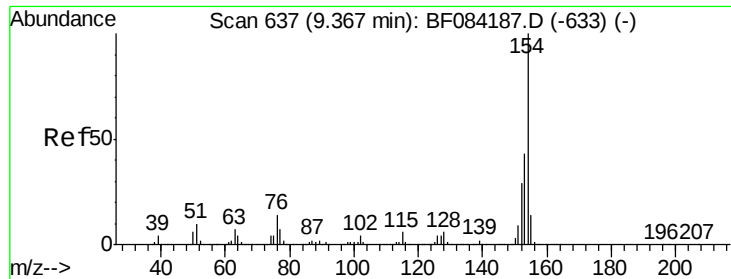
#44
 2-Fluorobiphenyl
 Concen: 88.05 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion:172 Resp: 2716225
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 25.6 18.6 27.8



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

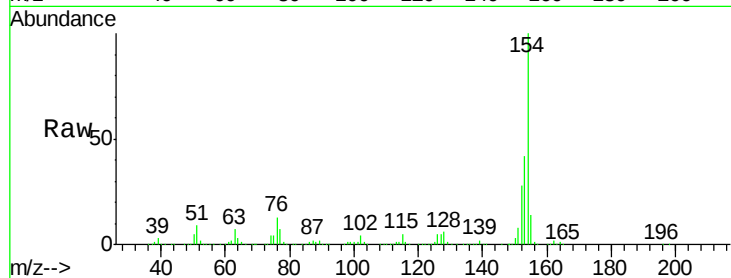




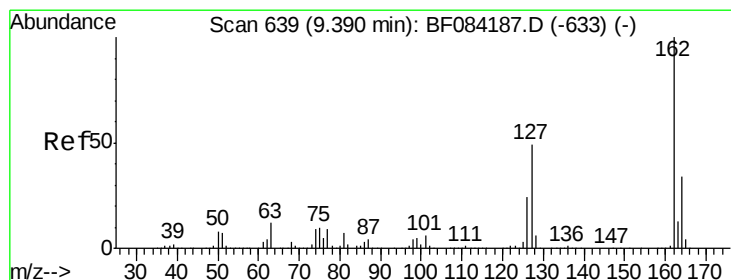
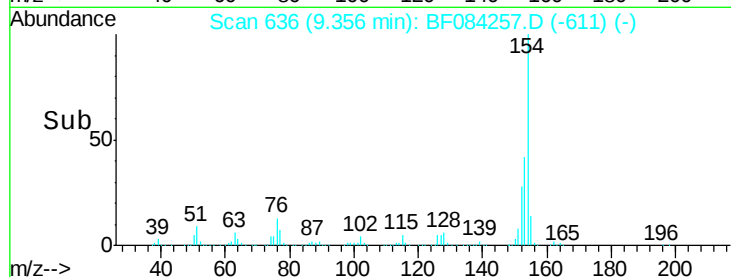
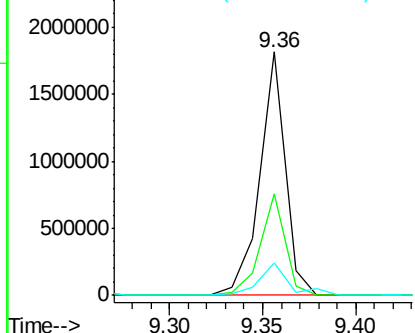
#45
 1,1'-Biphenyl
 Concen: 39.47 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

Tgt Ion:154 Resp: 1706627
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.6 61.6
 76 13.1 0.0 32.7

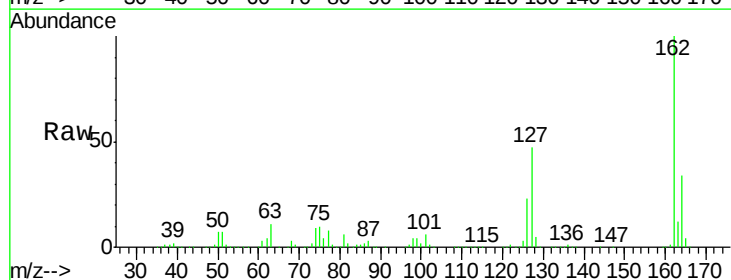


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

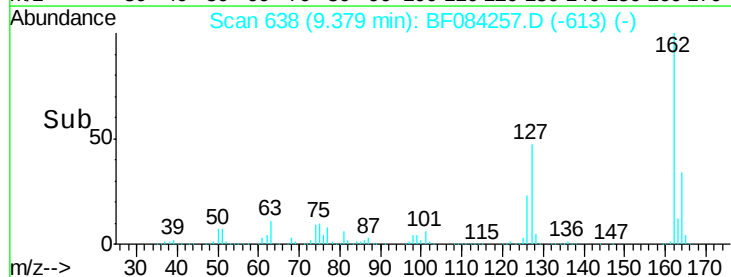
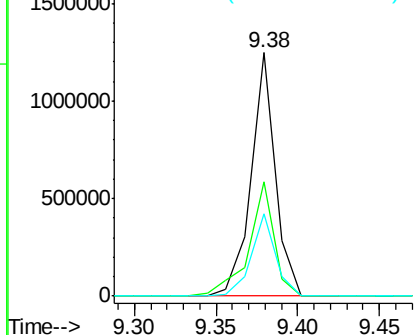


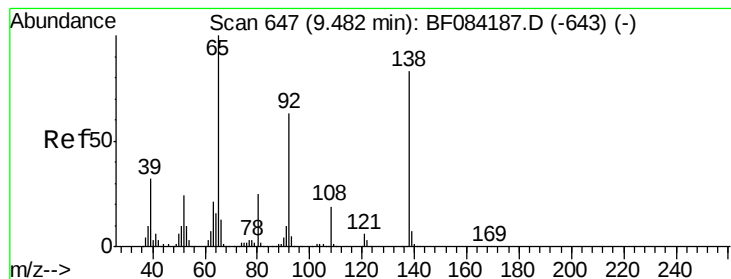
#46
 2-Chloronaphthalene
 Concen: 37.83 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion:162 Resp: 1285059
 Ion Ratio Lower Upper
 162 100
 127 47.1 40.2 60.4
 164 33.6 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.38 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

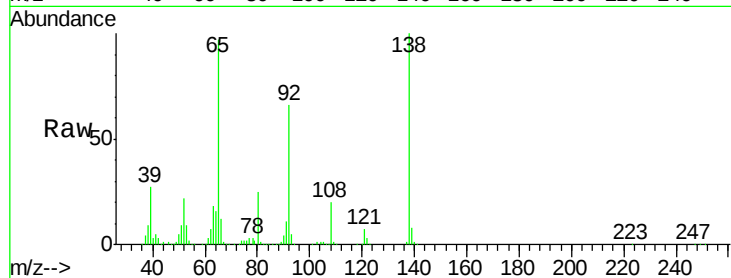
Tgt Ion: 65 Resp: 508715

Ion Ratio Lower Upper

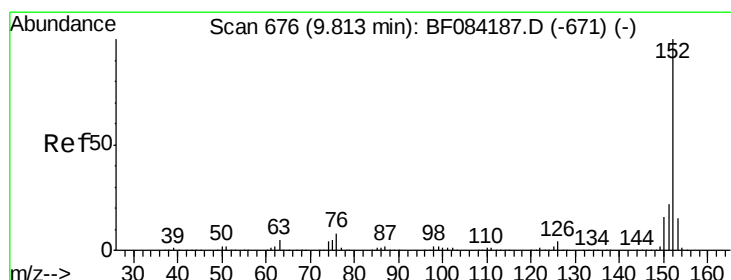
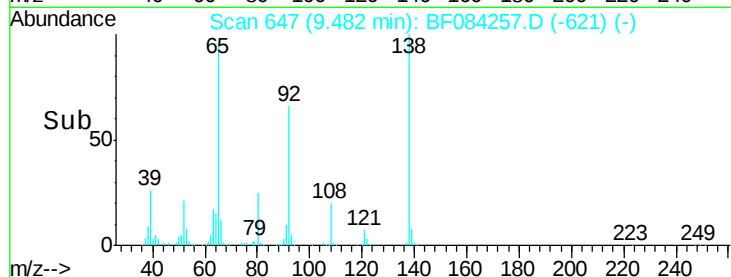
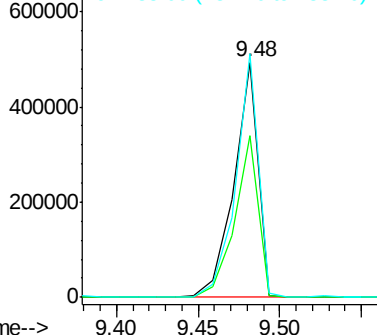
65 100

92 68.7 53.4 80.2

138 103.6 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): E



#48

Acenaphthylene

Concen: 43.88 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

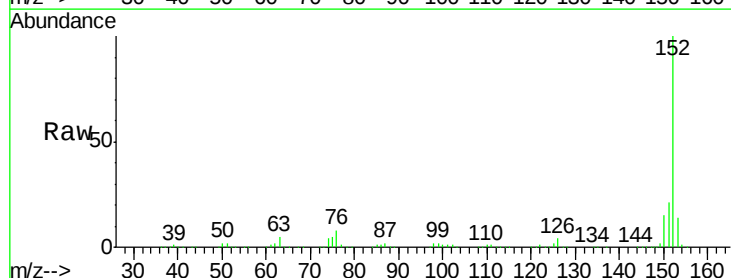
Tgt Ion: 152 Resp: 2201889

Ion Ratio Lower Upper

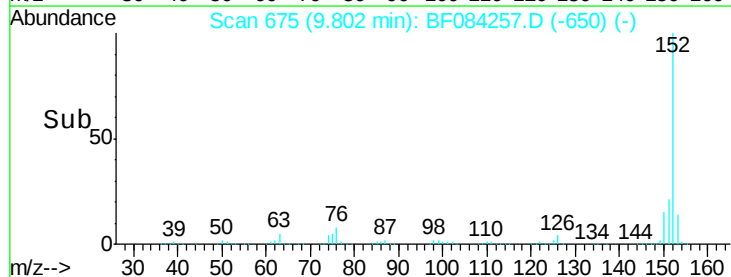
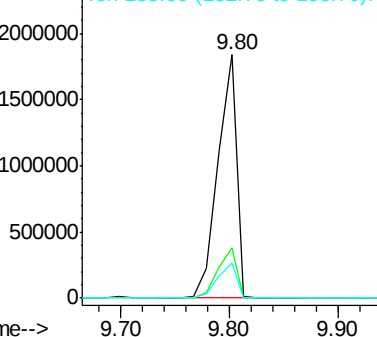
152 100

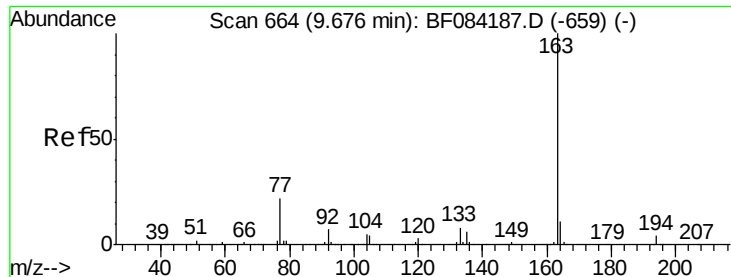
151 20.9 16.3 24.5

153 14.4 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

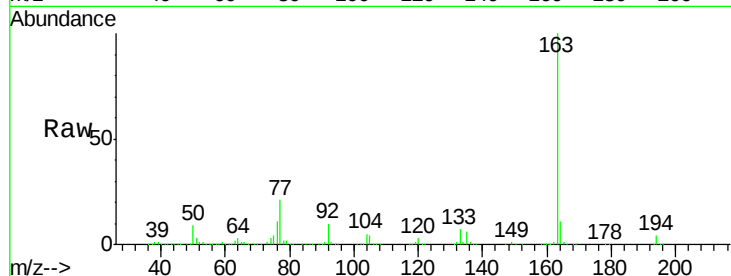




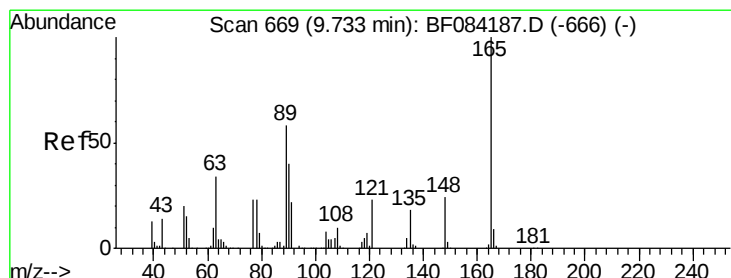
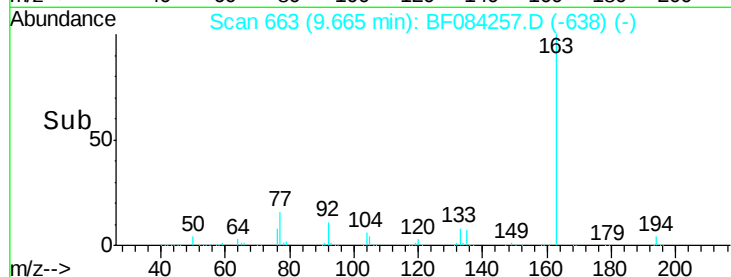
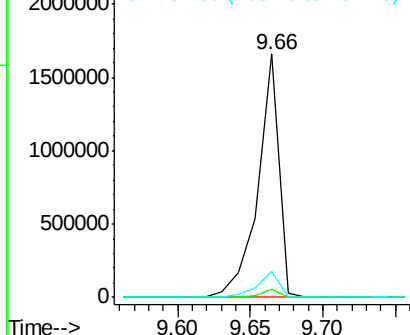
#49
Dimethylphthalate
Concen: 42.84 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tgt Ion:163 Resp: 1666118
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 10.6 8.0 12.0

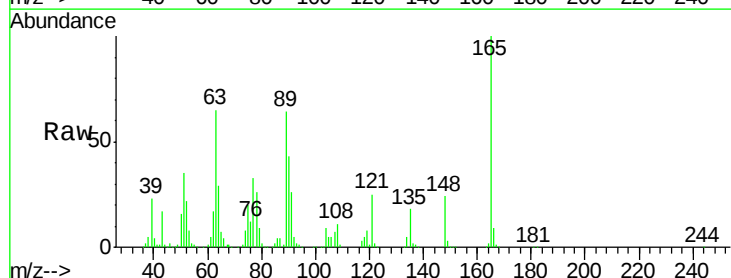


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

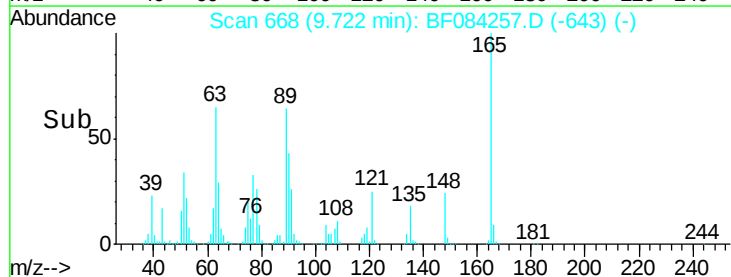
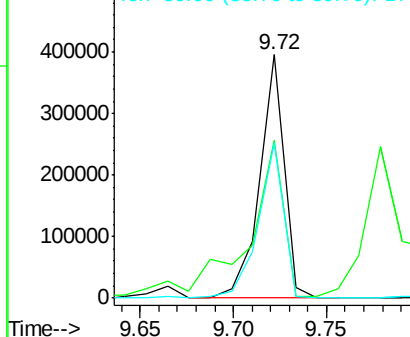


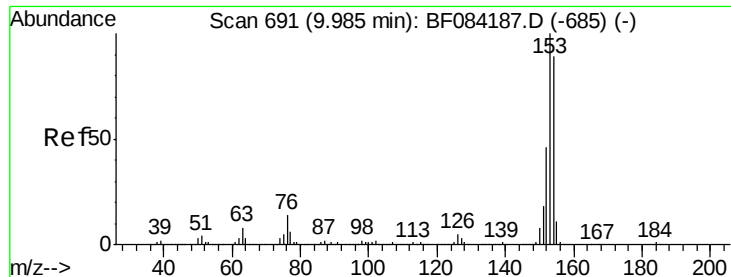
#50
2,6-Dinitrotoluene
Concen: 41.91 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion:165 Resp: 357546
Ion Ratio Lower Upper
165 100
63 64.7 28.8 43.2#
89 63.6 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: 47.19 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

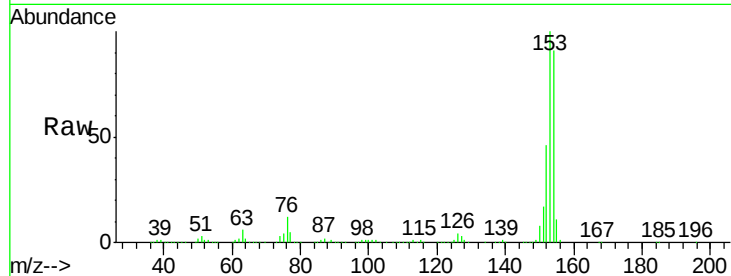
Tgt Ion:154 Resp: 1588493

Ion Ratio Lower Upper

154 100

153 109.9 91.5 137.3

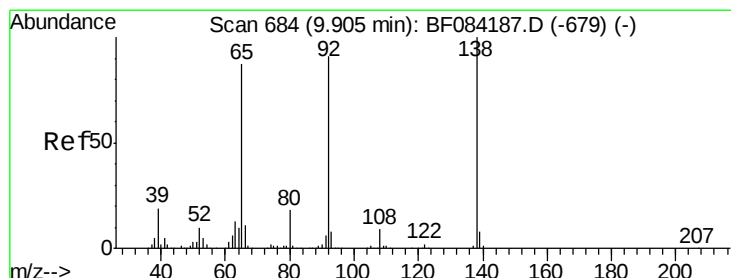
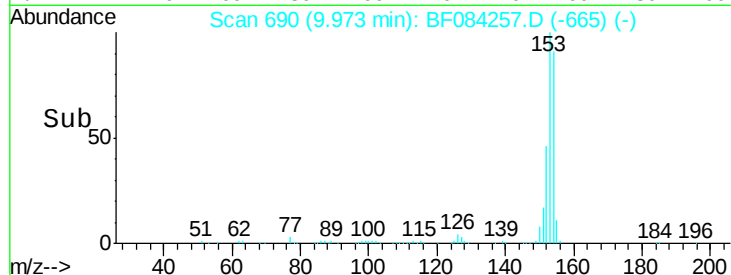
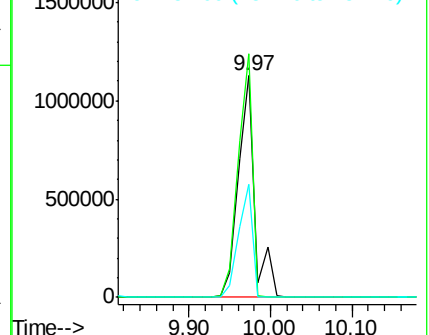
152 50.8 43.0 64.6



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: 21.55 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

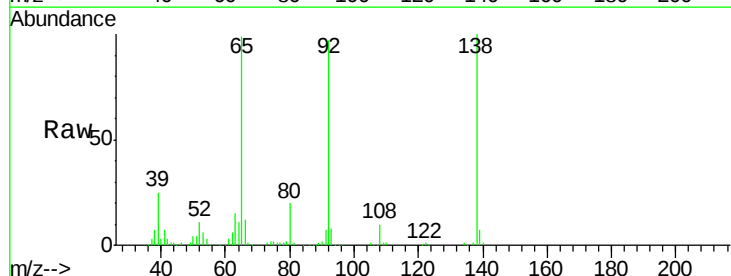
Tgt Ion:138 Resp: 227837

Ion Ratio Lower Upper

138 100

108 9.9 10.5 15.7#

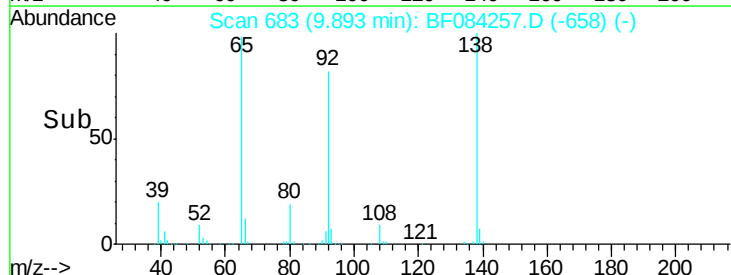
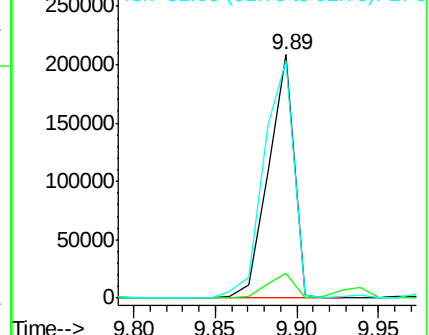
92 97.5 103.9 155.9#

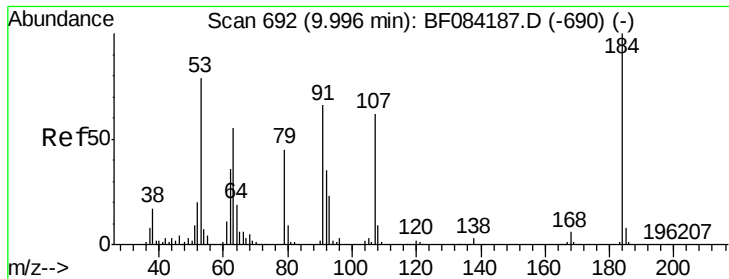


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

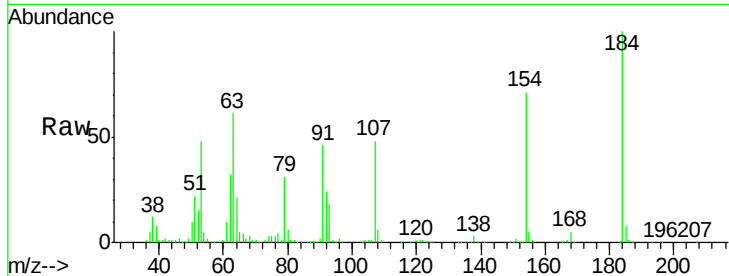




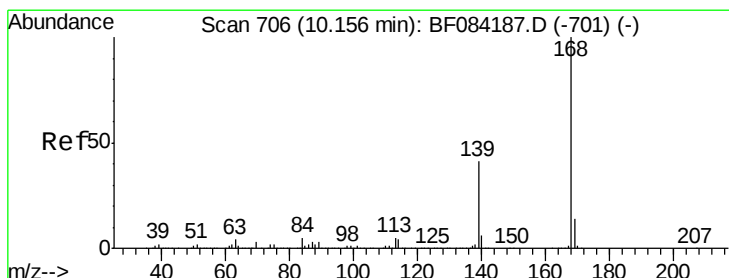
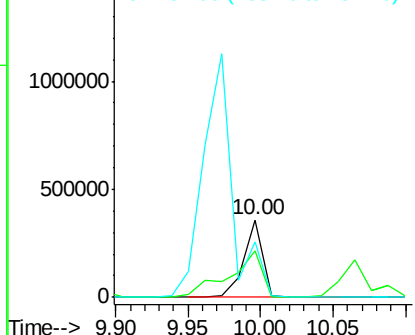
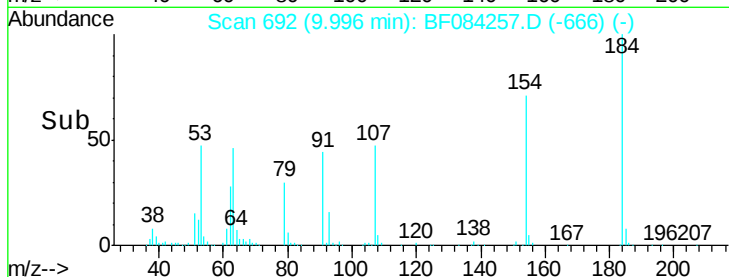
#53
2,4-Dinitrophenol
Concen: 88.87 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tgt Ion:184 Resp: 324471
Ion Ratio Lower Upper
184 100
63 60.7 43.1 64.7
154 71.1 60.5 90.7

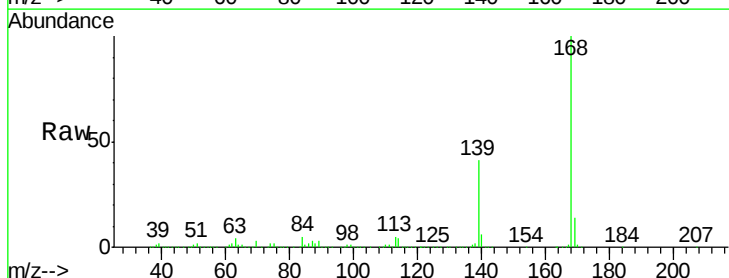


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

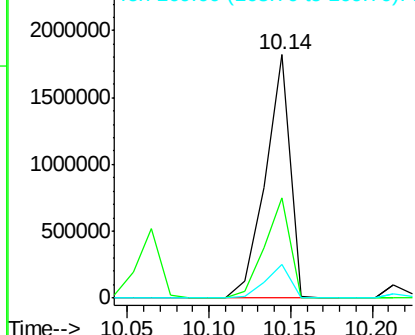
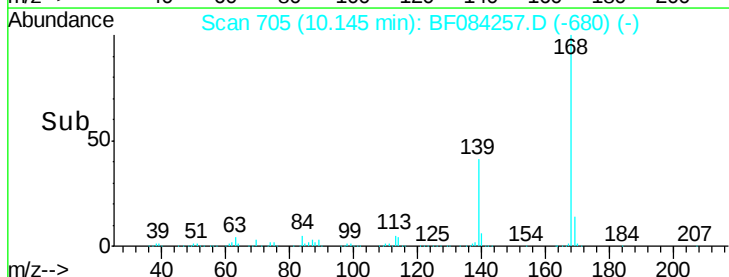


#54
Dibenzofuran
Concen: 43.89 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion:168 Resp: 1916674
Ion Ratio Lower Upper
168 100
139 41.0 30.5 45.7
169 14.1 10.4 15.6



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

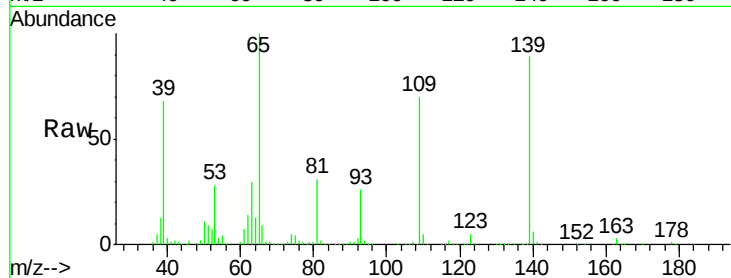




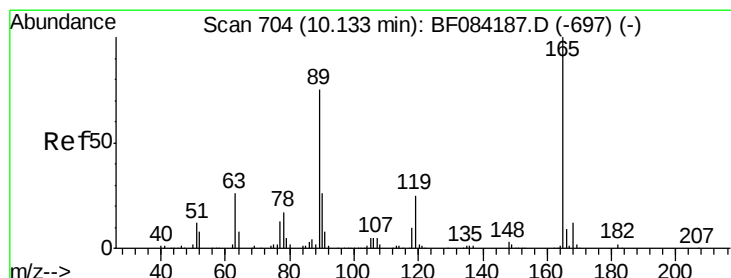
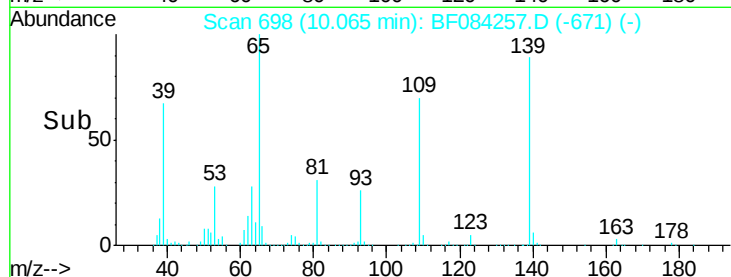
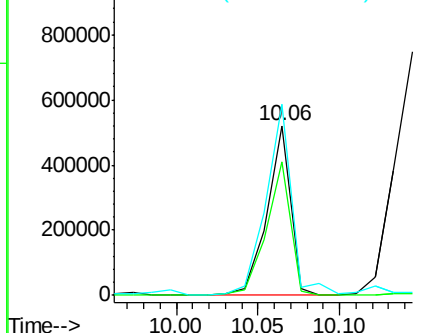
#55
4-Nitrophenol
Concen: 68.75 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tgt Ion:139 Resp: 527530
Ion Ratio Lower Upper
139 100
109 78.8 58.5 98.5
65 112.7 57.6 97.6#

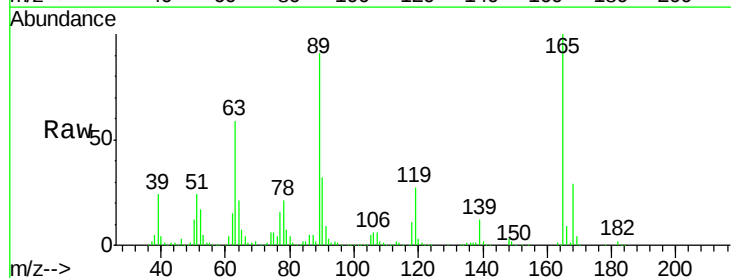


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

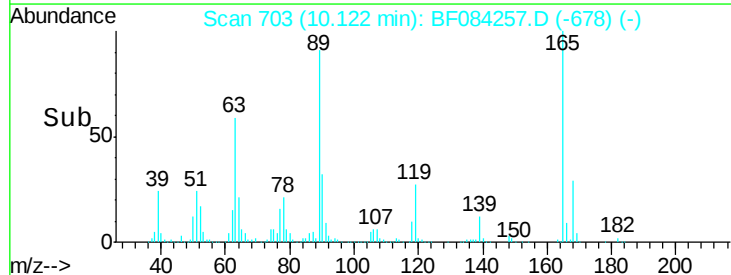
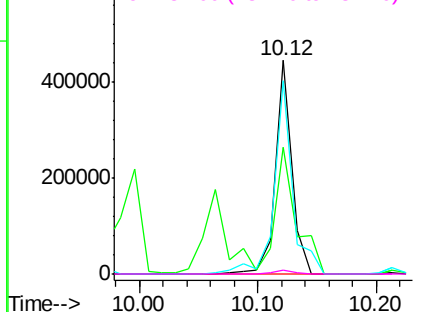


#56
2,4-Dinitrotoluene
Concen: 39.77 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion:165 Resp: 429348
Ion Ratio Lower Upper
165 100
63 59.5 36.7 55.1#
89 90.8 61.9 92.9
182 1.9 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: 43.08 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

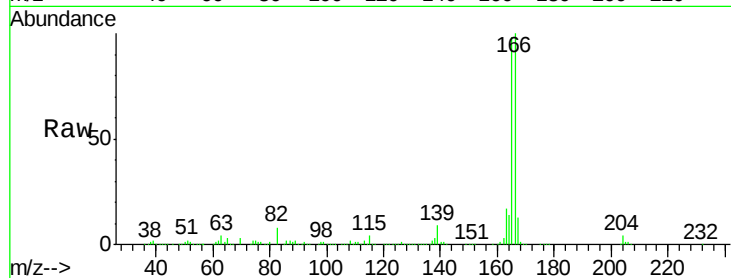
Tgt Ion:166 Resp: 1455697

Ion Ratio Lower Upper

166 100

165 97.8 79.1 118.7

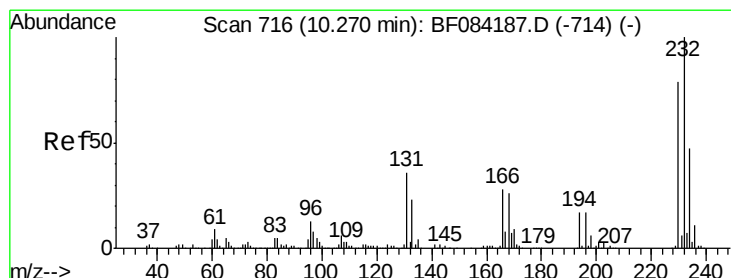
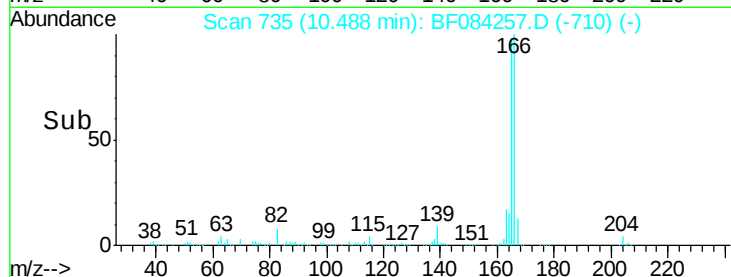
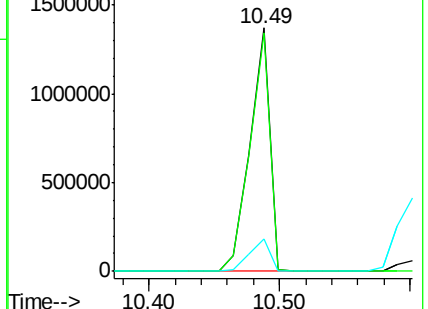
167 13.3 10.4 15.6



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: 37.83 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion:232 Resp: 362353

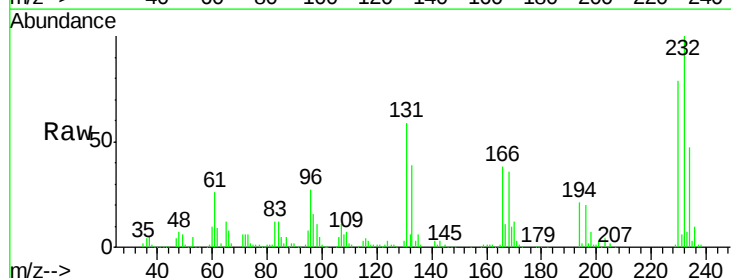
Ion Ratio Lower Upper

232 100

131 55.8 47.0 70.6

130 2.5 2.0 3.0

166 34.8 30.5 45.7

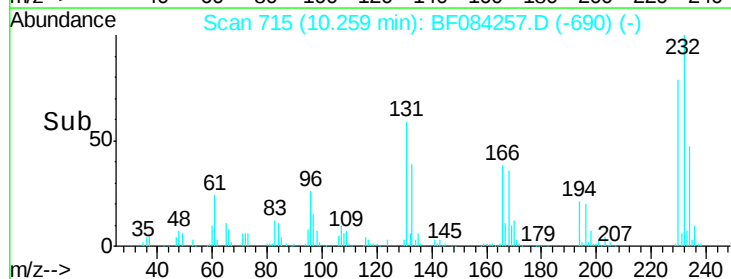
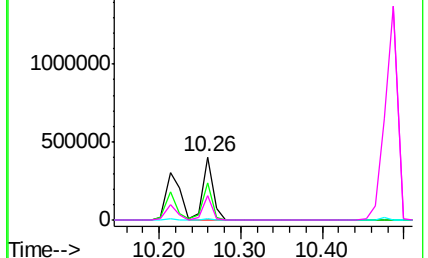


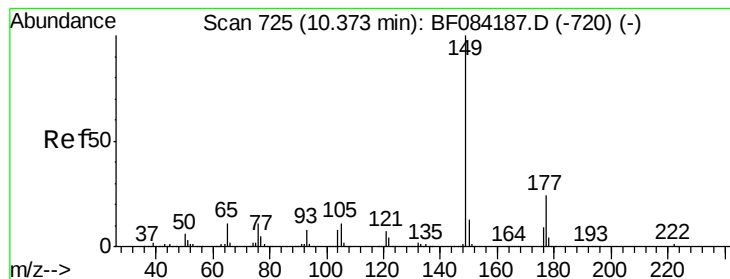
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.92 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

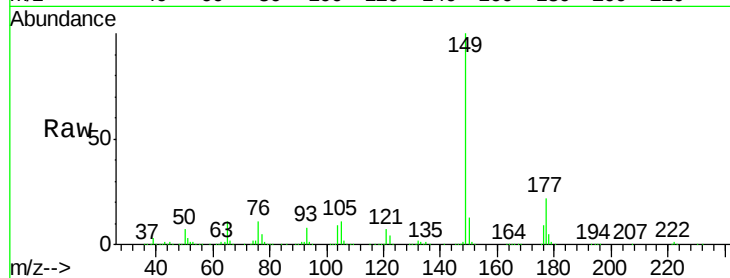
Tgt Ion:149 Resp: 1530747

Ion Ratio Lower Upper

149 100

177 22.4 17.3 25.9

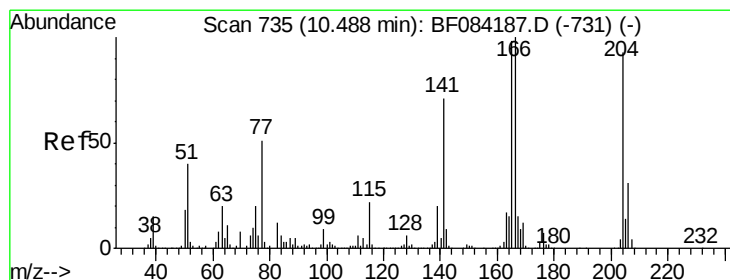
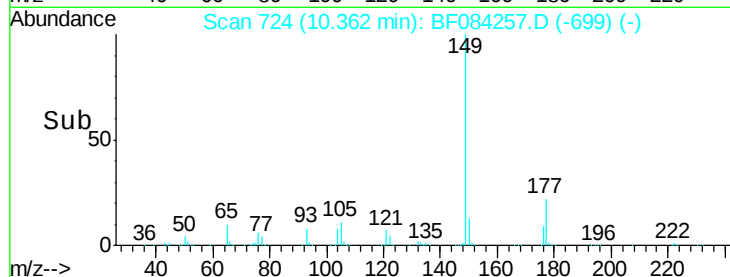
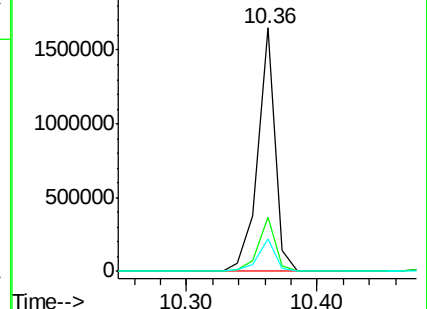
150 13.1 9.8 14.8



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: 47.00 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

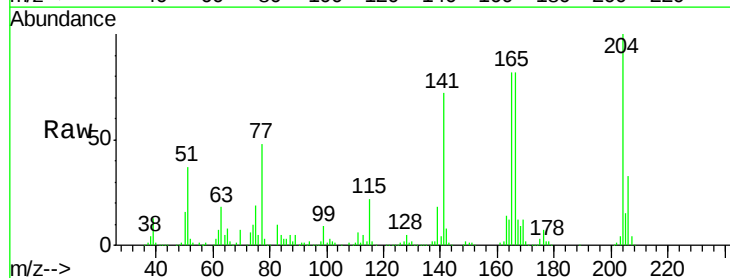
Tgt Ion:204 Resp: 663516

Ion Ratio Lower Upper

204 100

206 33.0 25.7 38.5

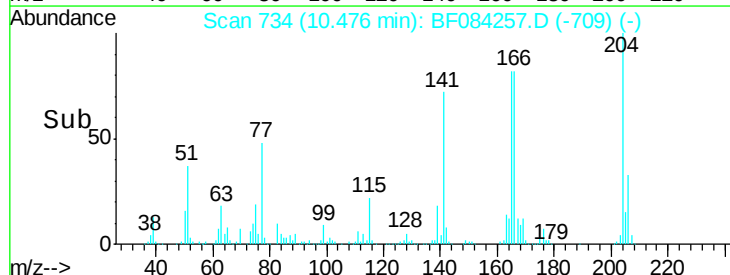
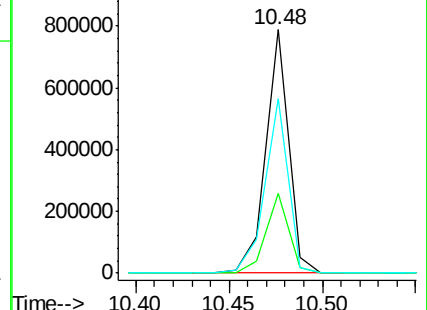
141 71.7 55.1 82.7



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

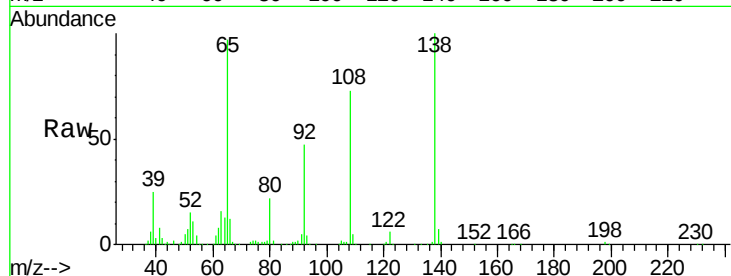




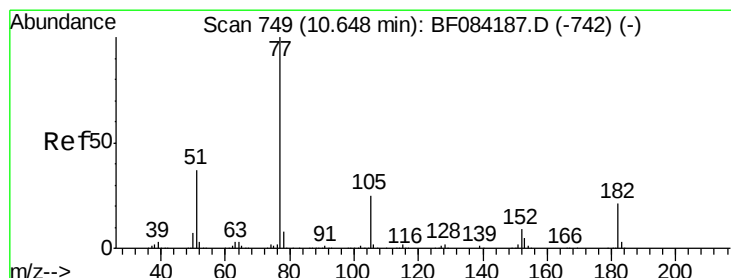
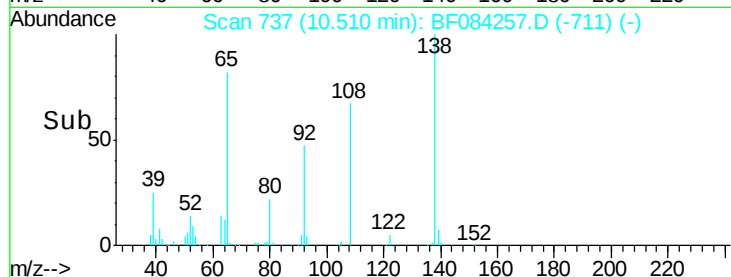
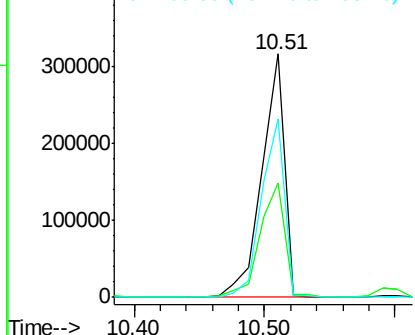
#61
4-Nitroaniline
Concen: 40.82 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tgt Ion: 138 Resp: 384621
Ion Ratio Lower Upper
138 100
92 46.8 32.6 72.6
108 73.0 68.6 108.6

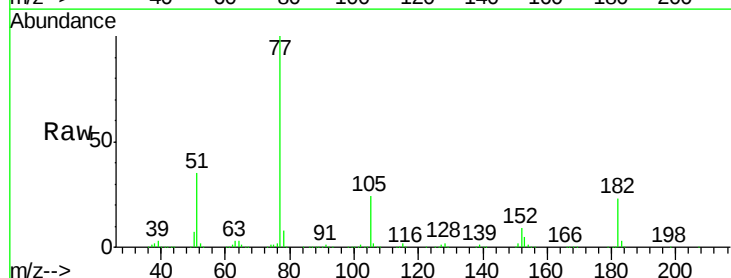


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

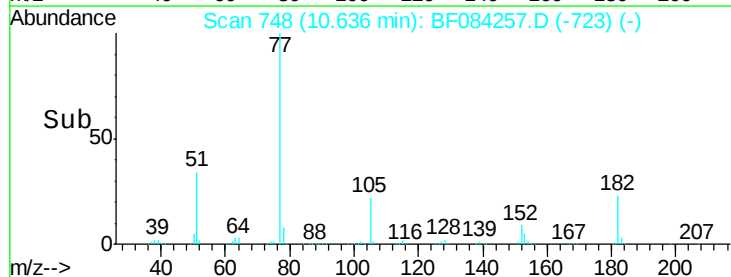
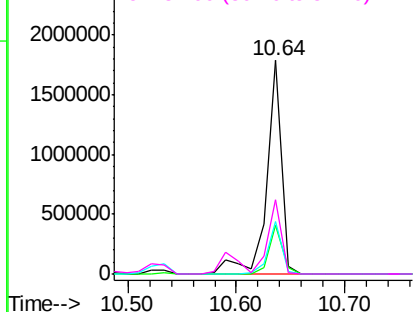


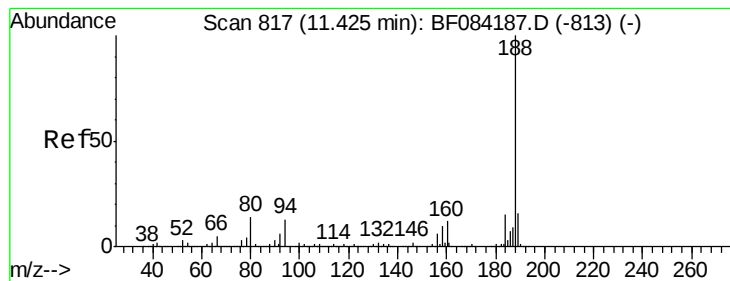
#62
Azobenzene
Concen: 41.21 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion: 77 Resp: 1733488
Ion Ratio Lower Upper
77 100
182 22.9 8.3 48.3
105 24.4 4.6 44.6
51 34.5 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

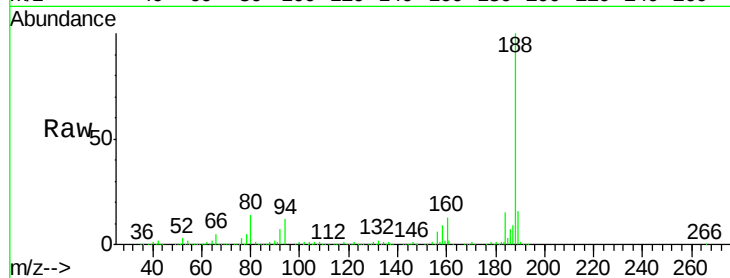
Tgt Ion:188 Resp: 950867

Ion Ratio Lower Upper

188 100

94 12.5 9.0 13.4

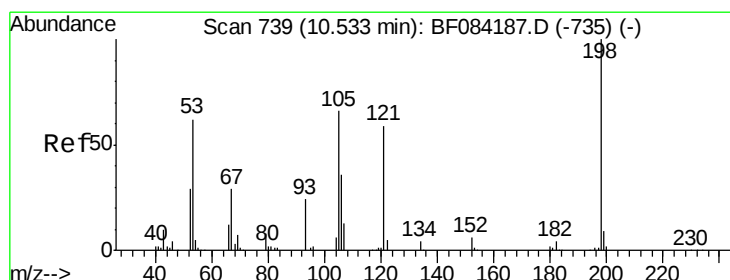
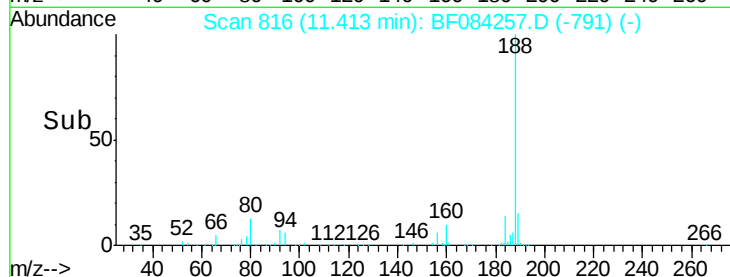
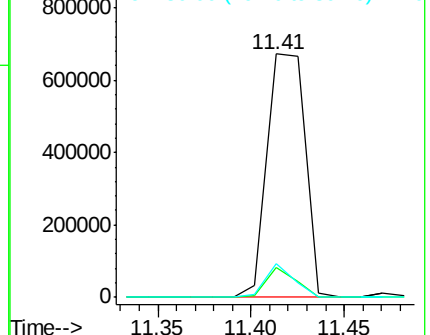
80 13.8 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.11 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

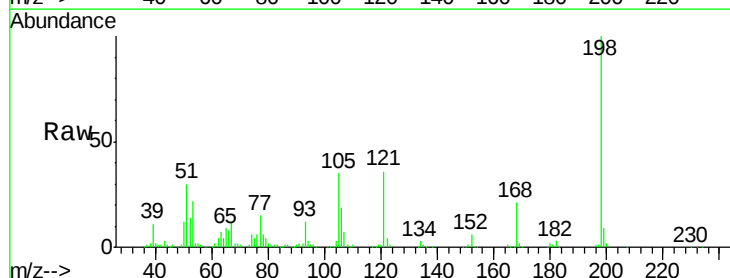
Tgt Ion:198 Resp: 227202

Ion Ratio Lower Upper

198 100

51 29.7 18.9 58.9

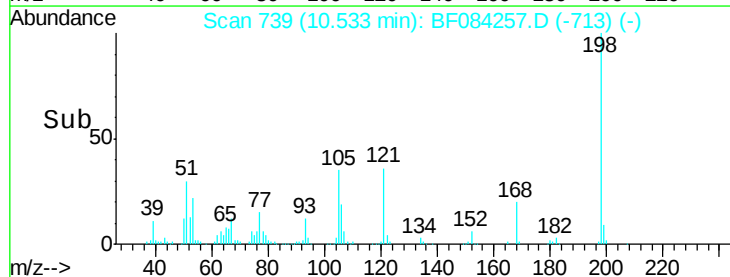
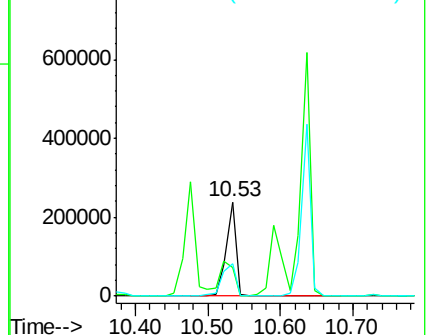
105 35.0 26.4 66.4

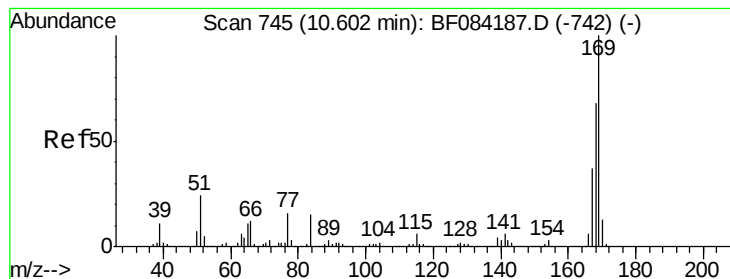


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.15 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampled :

PB87631BS

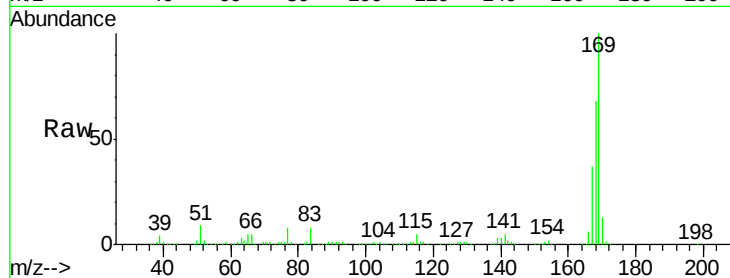
Tgt Ion:169 Resp: 1311756

Ion Ratio Lower Upper

169 100

168 67.9 55.1 82.7

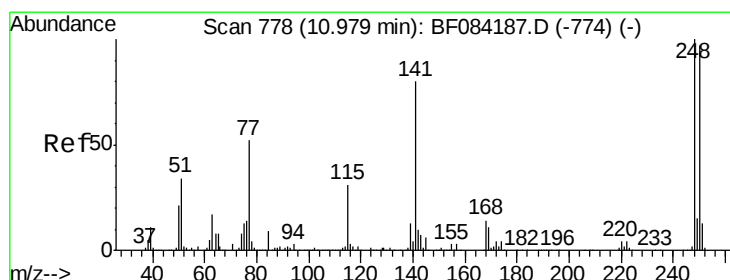
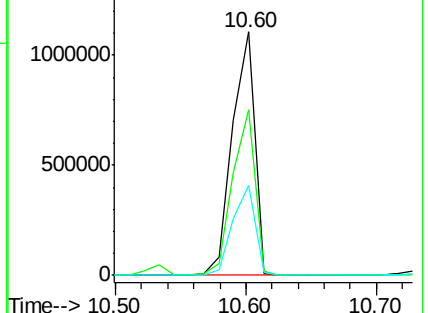
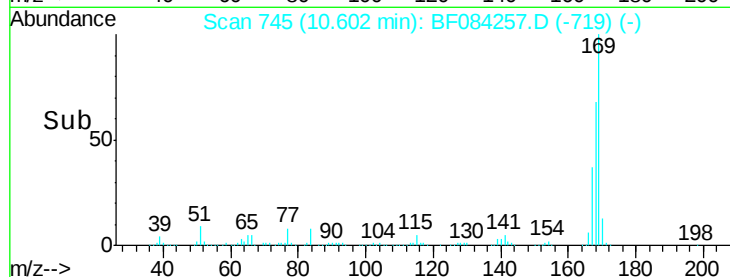
167 37.2 30.0 45.0



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: 43.72 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

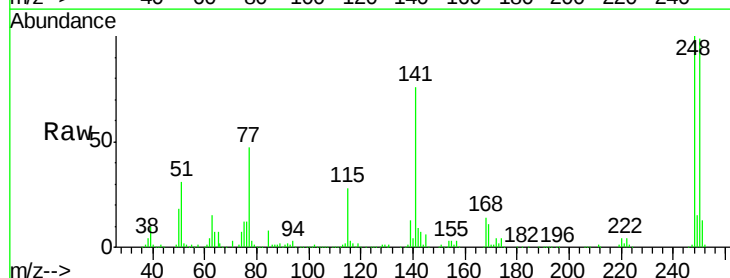
Tgt Ion:248 Resp: 447442

Ion Ratio Lower Upper

248 100

250 98.6 78.4 117.6

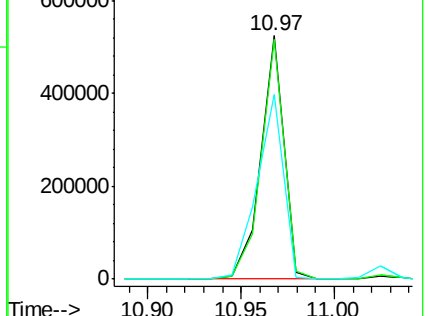
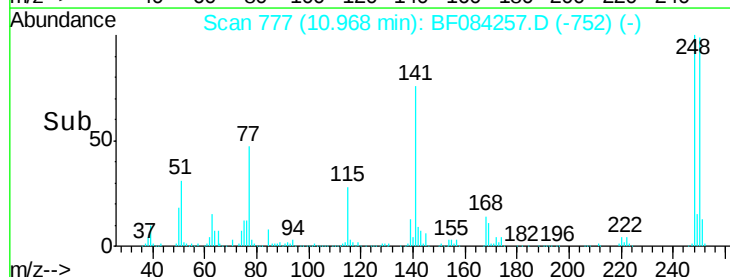
141 75.7 44.0 66.0#

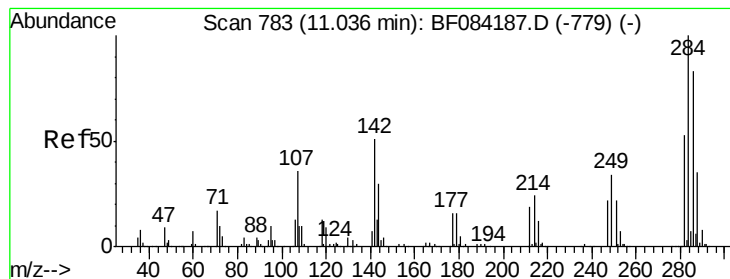


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.46 ng

RT: 11.02 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

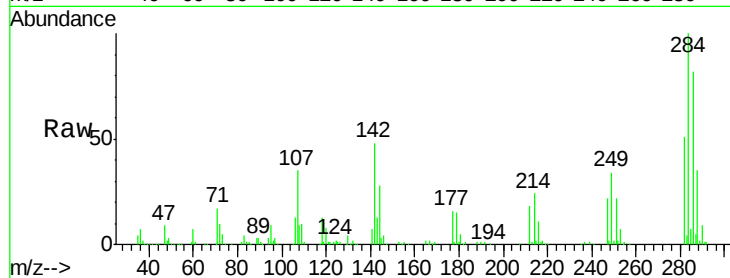
Tgt Ion:284 Resp: 454547

Ion Ratio Lower Upper

284 100

142 48.4 22.2 33.4#

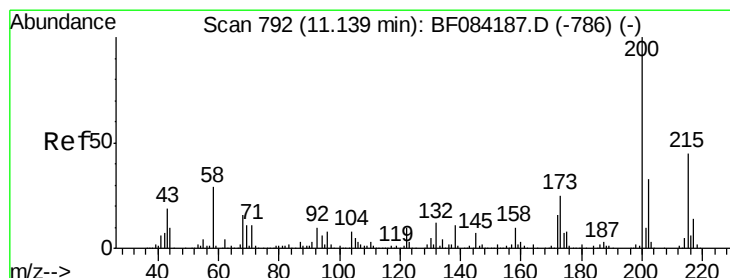
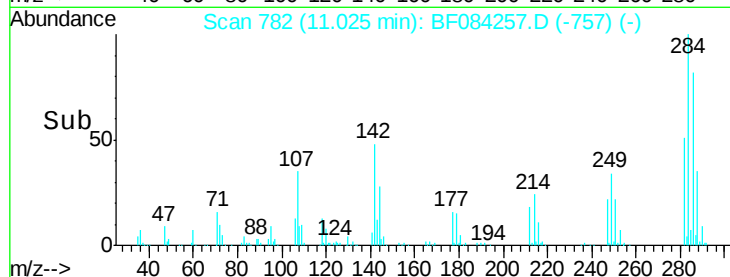
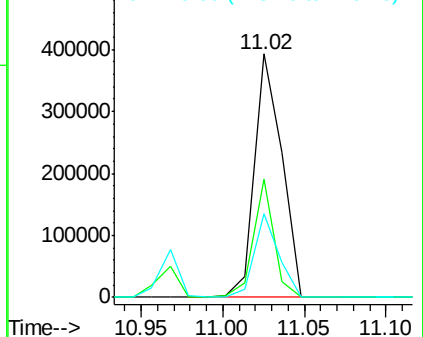
249 34.3 24.6 37.0



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: 43.78 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

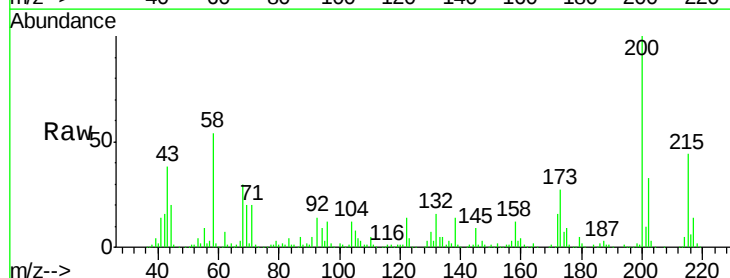
Tgt Ion:200 Resp: 435589

Ion Ratio Lower Upper

200 100

173 27.0 9.5 49.5

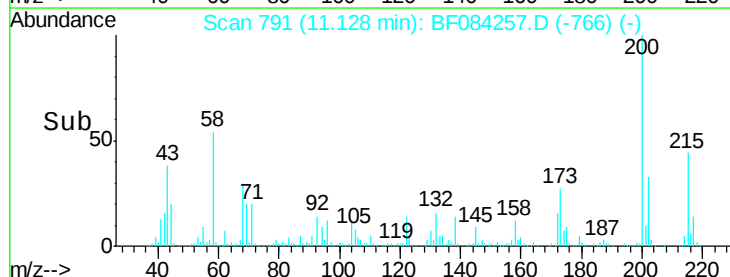
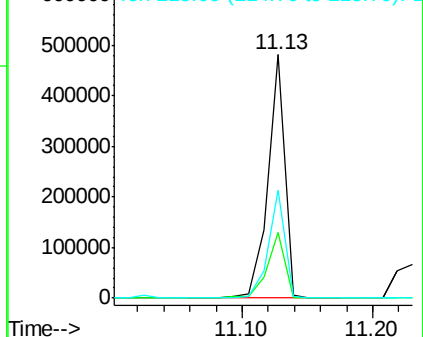
215 44.4 23.8 63.8



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: 73.11 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

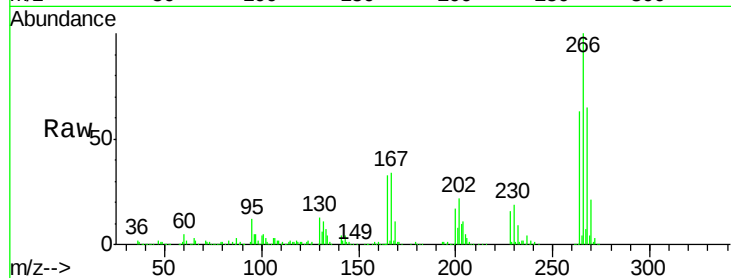
Tgt Ion:266 Resp: 436648

Ion Ratio Lower Upper

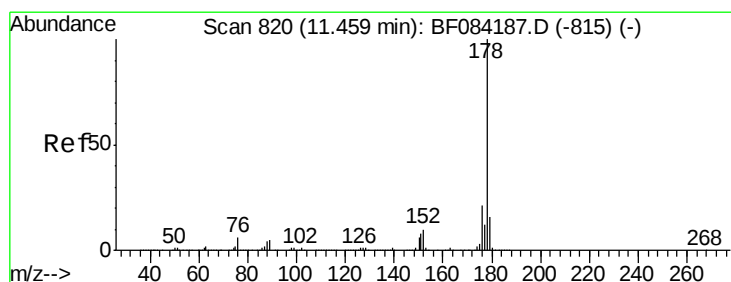
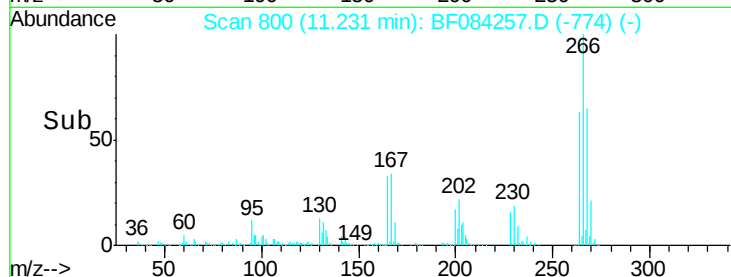
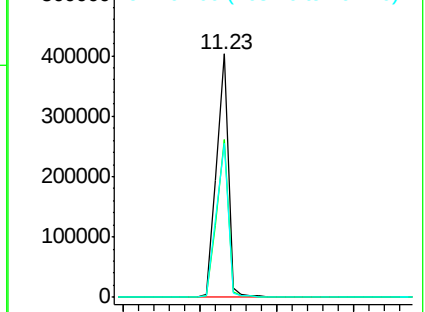
266 100

268 64.8 52.4 78.6

264 63.0 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: 43.30 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

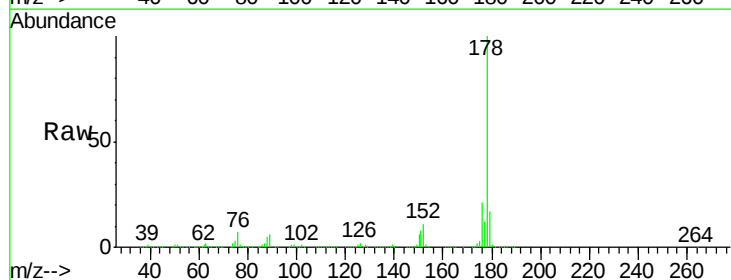
Tgt Ion:178 Resp: 2153462

Ion Ratio Lower Upper

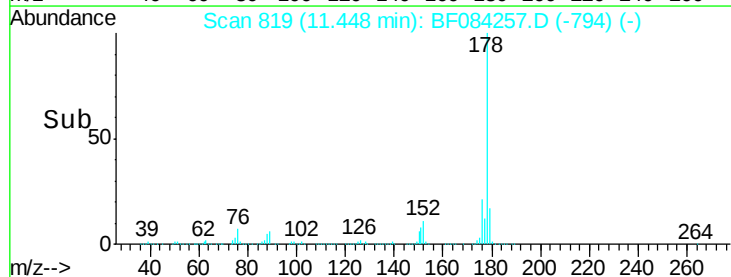
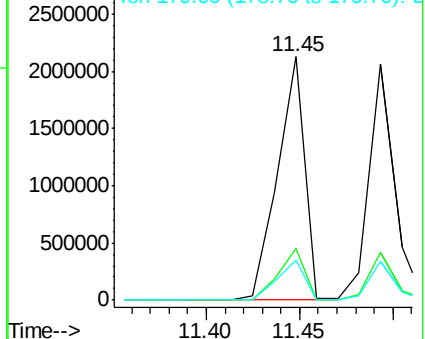
178 100

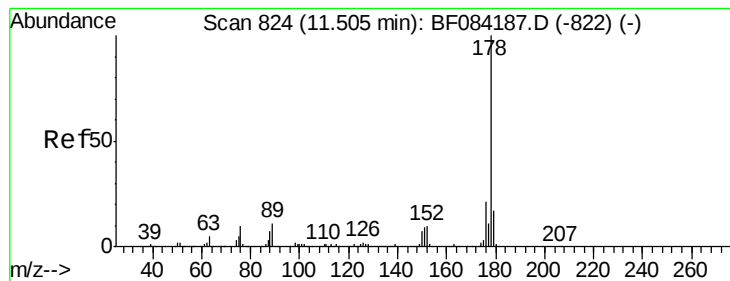
176 21.2 15.3 22.9

179 16.7 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: 39.28 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

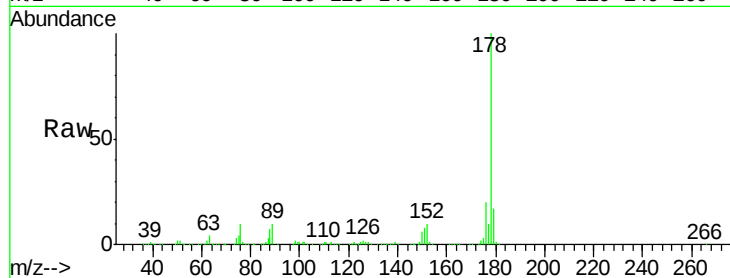
Tgt Ion:178 Resp: 1915063

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

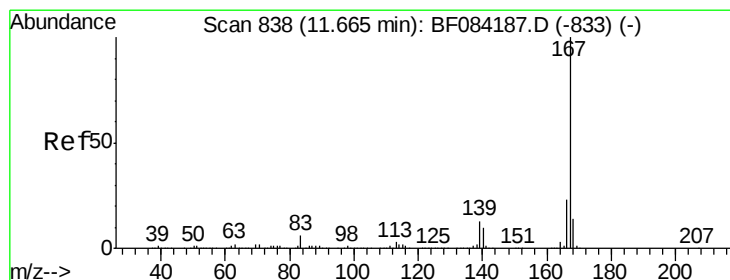
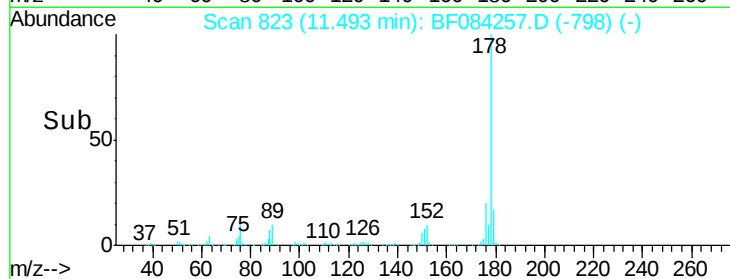
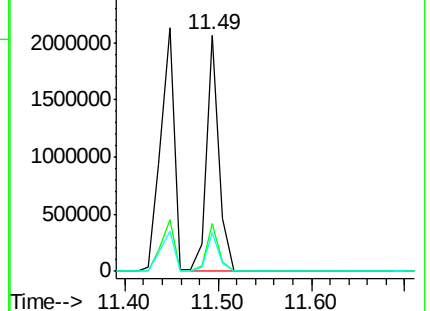
179 16.6 12.5 18.7



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: 37.88 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

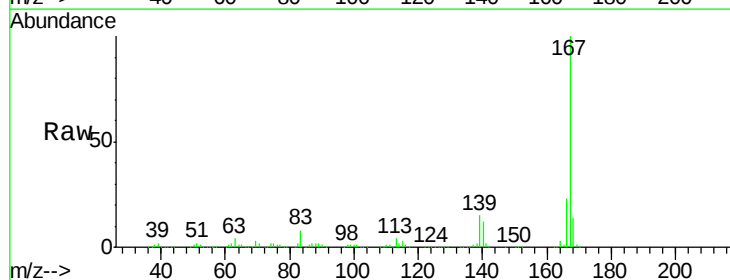
Tgt Ion:167 Resp: 1805651

Ion Ratio Lower Upper

167 100

166 23.2 17.6 26.4

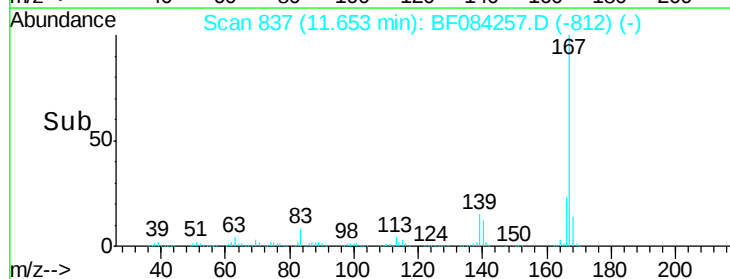
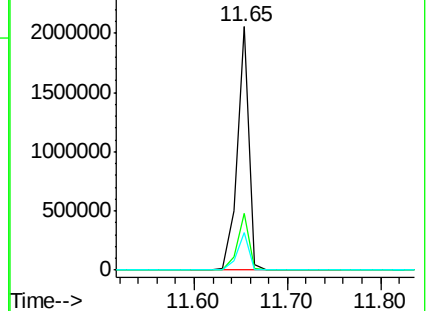
139 15.3 11.8 17.8

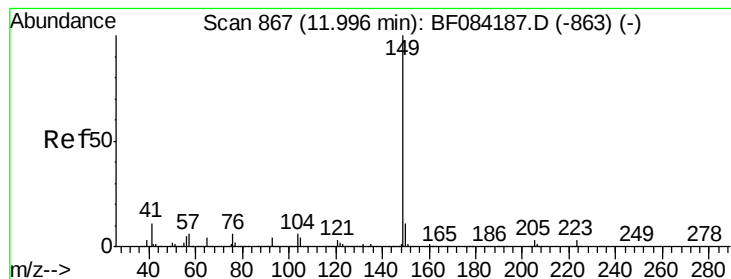


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.68 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

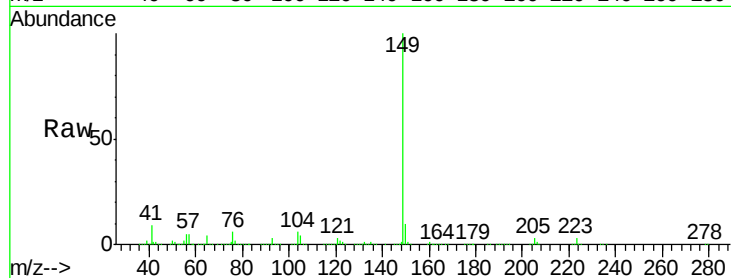
Tgt Ion:149 Resp: 2191216

Ion Ratio Lower Upper

149 100

150 10.5 7.1 10.7

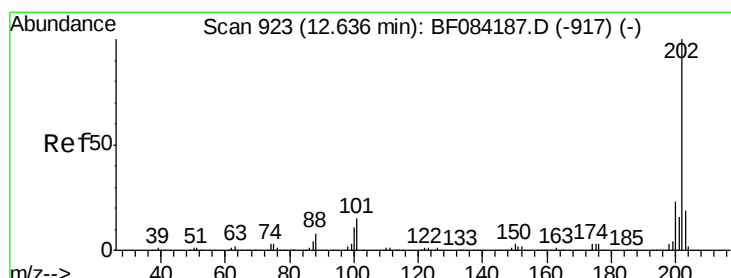
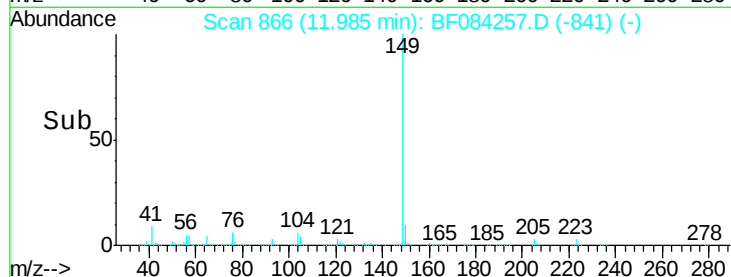
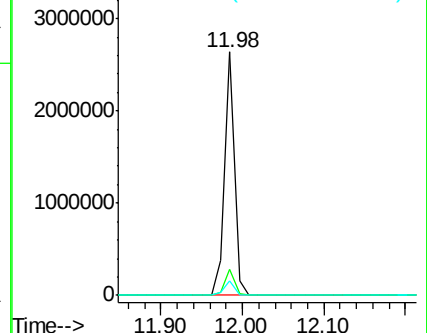
104 6.2 3.2 4.8#



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: 36.01 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

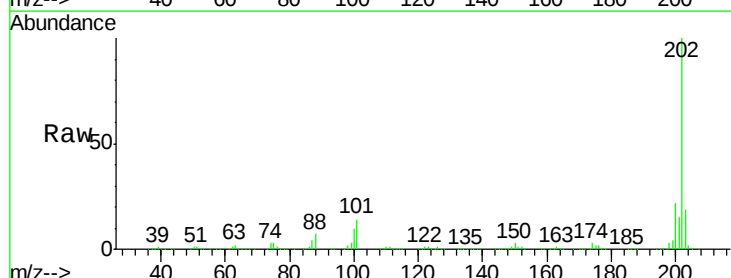
Tgt Ion:202 Resp: 1870972

Ion Ratio Lower Upper

202 100

101 14.1 0.0 32.8

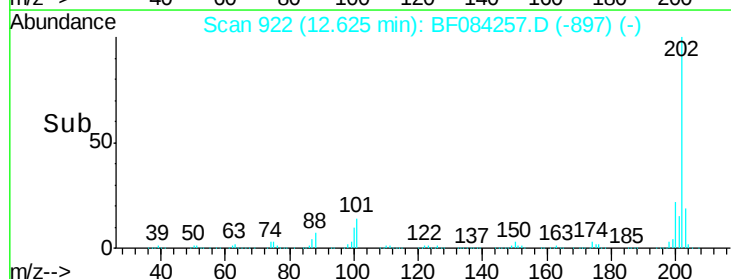
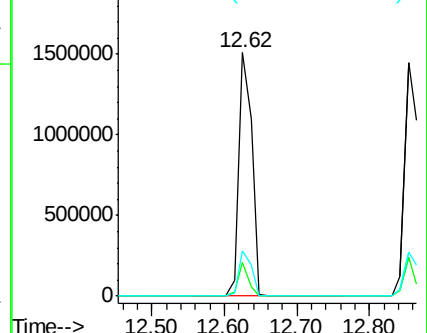
203 18.6 0.0 37.9

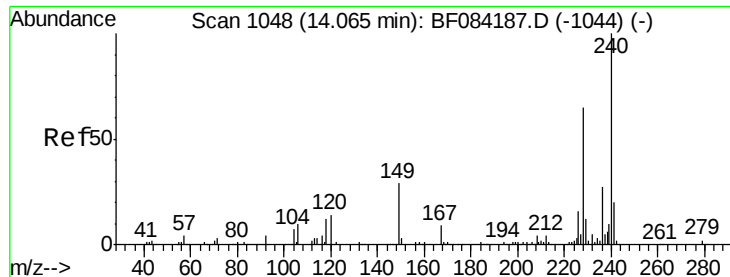


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

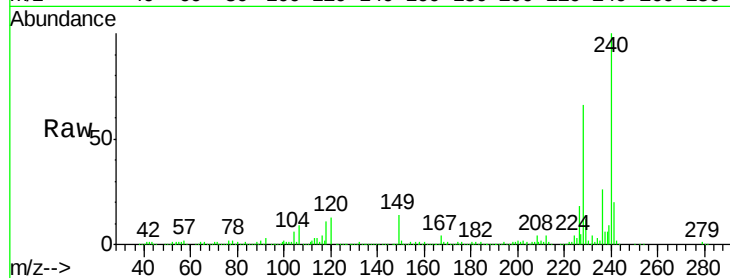
Tgt Ion:240 Resp: 575581

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

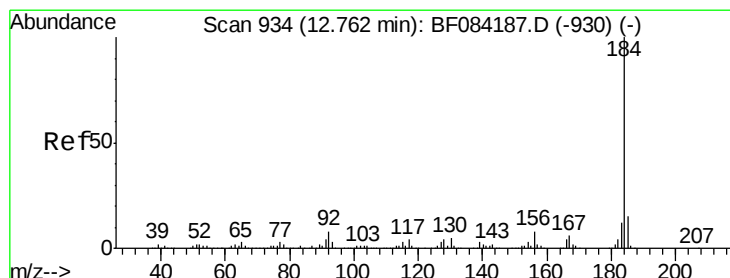
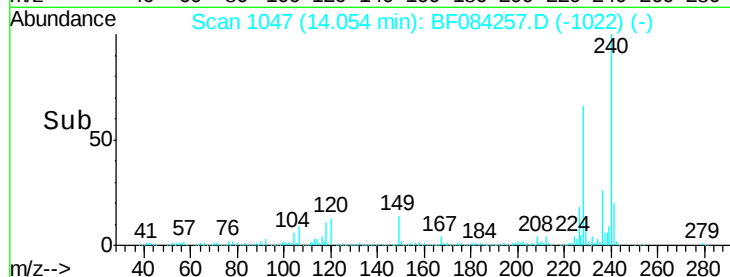
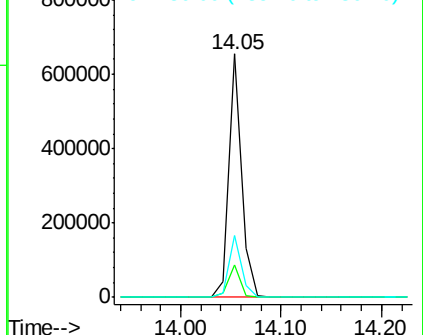
236 25.6 20.6 31.0



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: 30.80 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

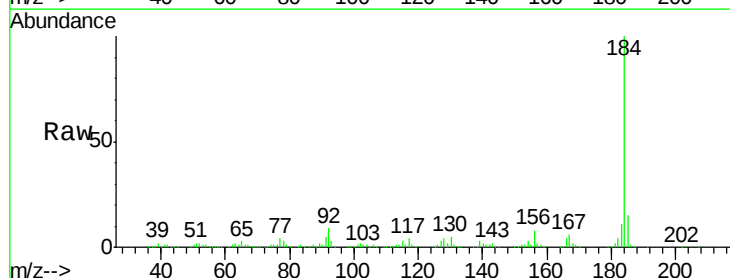
Tgt Ion:184 Resp: 635735

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

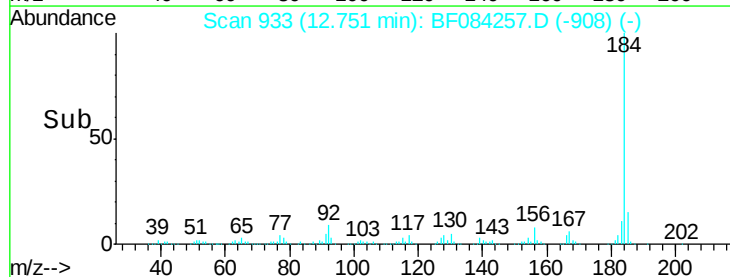
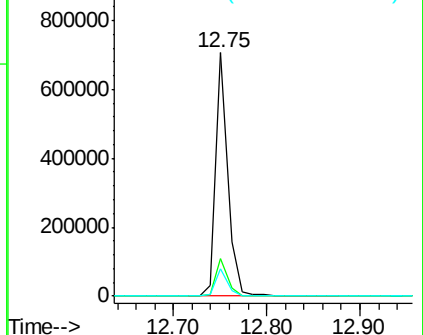
183 11.1 9.8 14.8

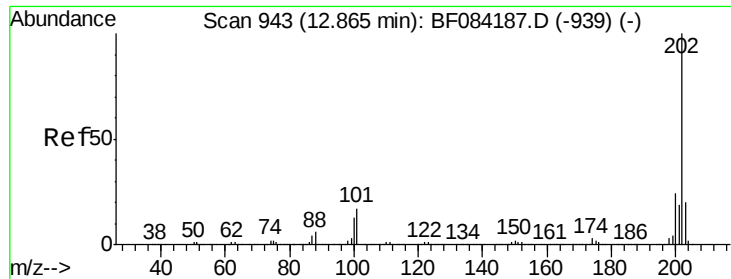


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



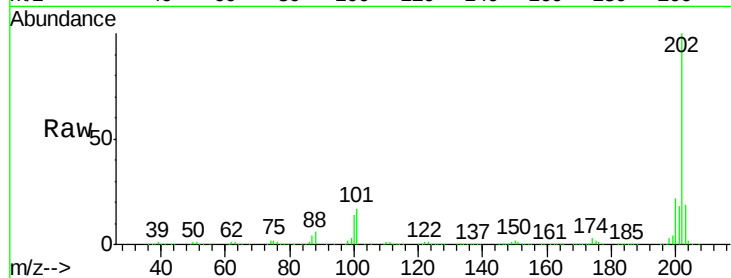


#77
 Pyrene
 Concen: 40.68 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

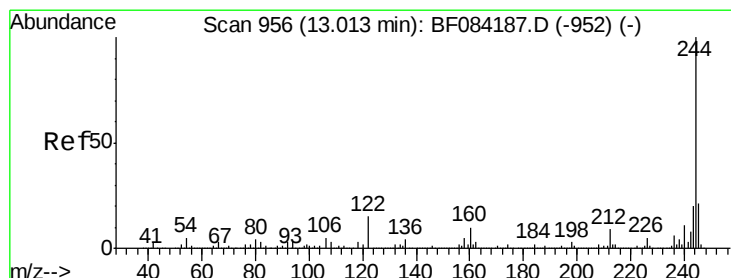
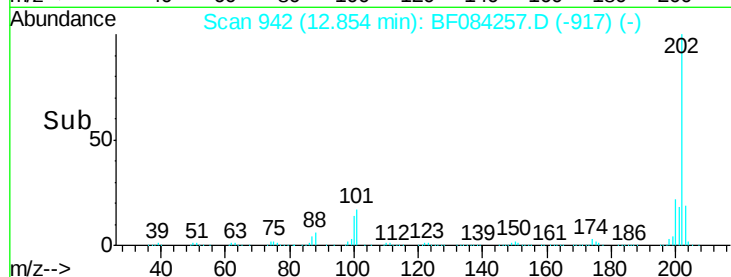
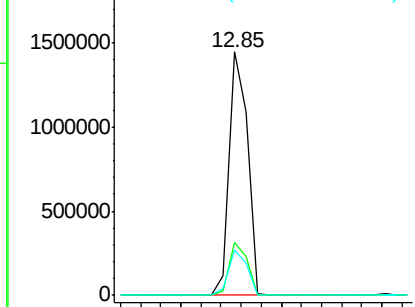
Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

Tgt Ion: 202 Resp: 1837218

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	18.8	14.3	21.5



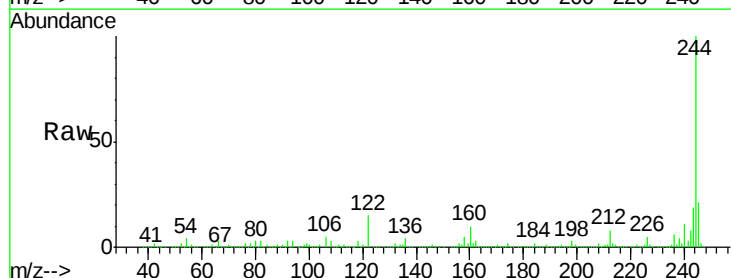
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



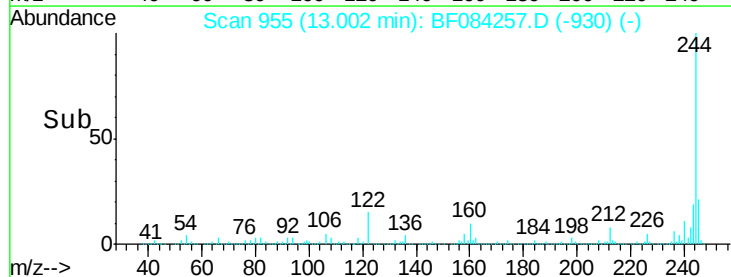
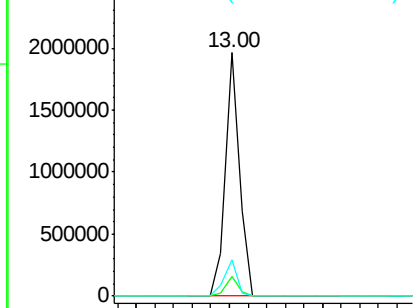
#78
 Terphenyl-d14
 Concen: 80.17 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

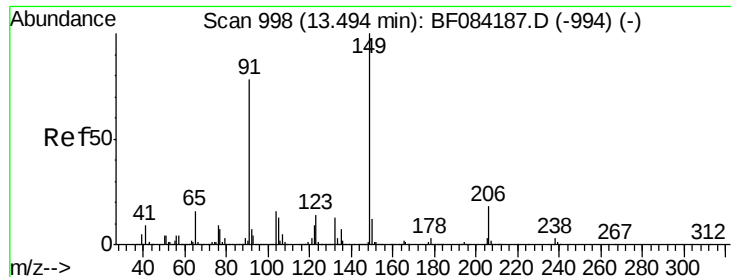
Tgt Ion: 244 Resp: 2067302

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	14.9	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

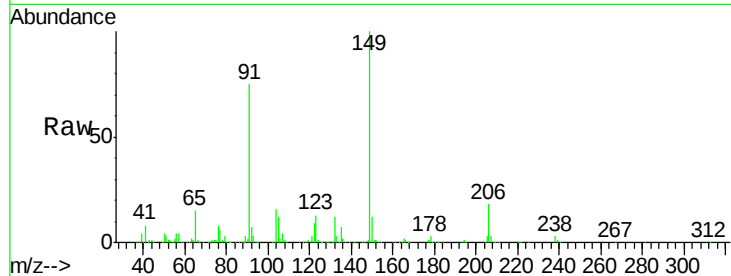




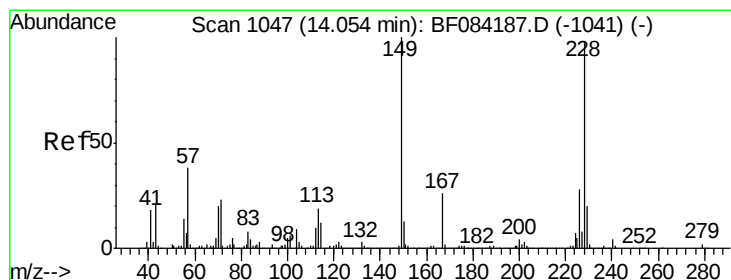
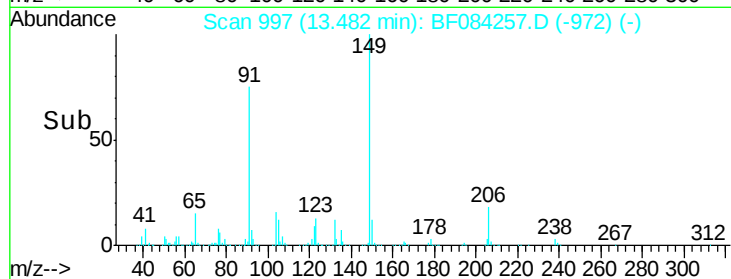
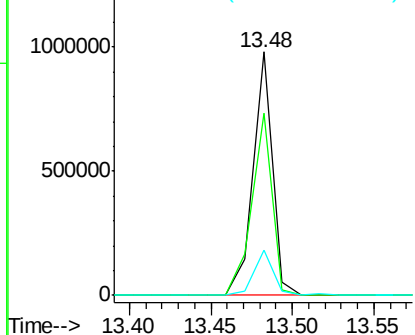
#79
Butylbenzylphthalate
Concen: 41.60 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tgt Ion:149 Resp: 813175
Ion Ratio Lower Upper
149 100
91 75.0 57.6 86.4
206 18.3 13.2 19.8

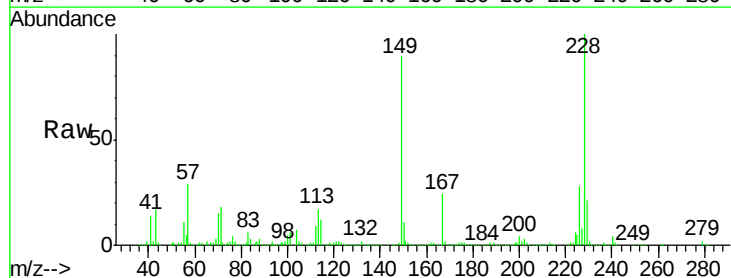


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

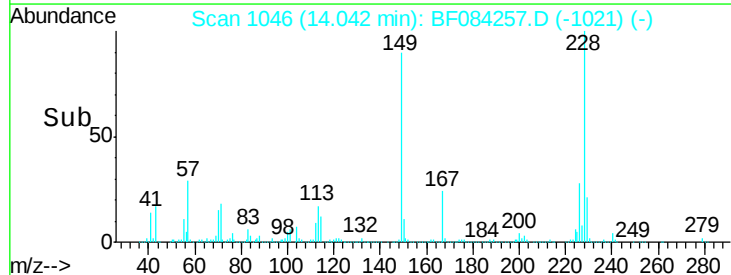
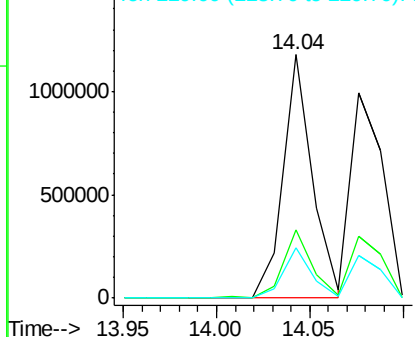


#80
Benzo(a)anthracene
Concen: 38.05 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion:228 Resp: 1285894
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.6
229 20.7 15.8 23.8



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

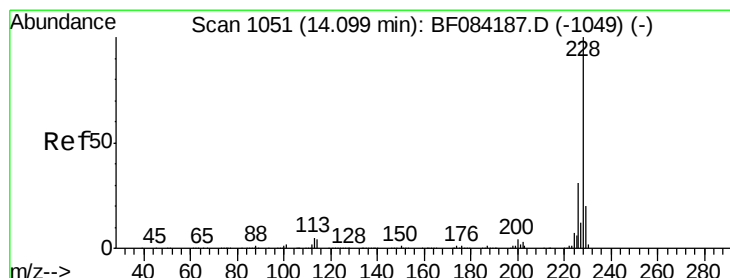
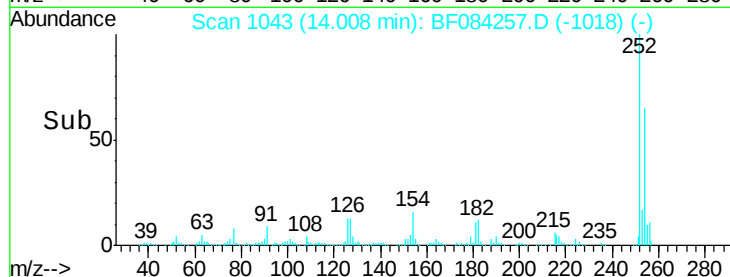
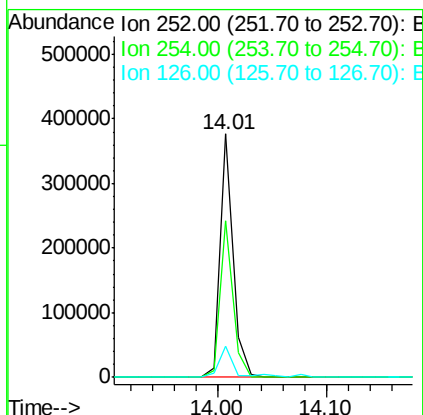
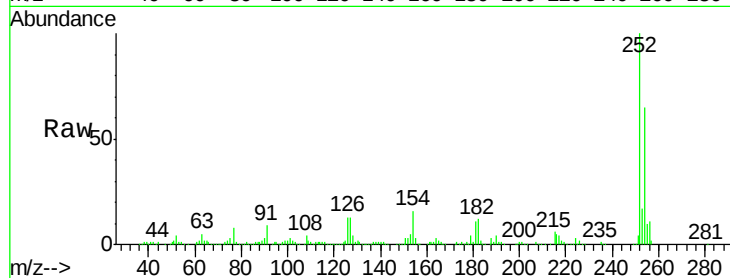




#81
 3,3'-Dichlorobenzidine
 Concen: 26.83 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

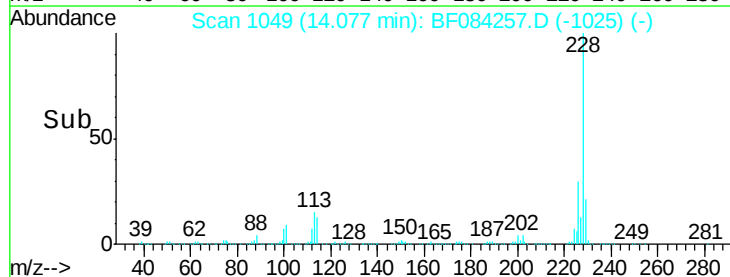
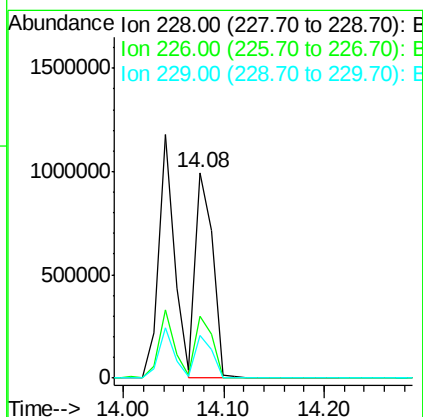
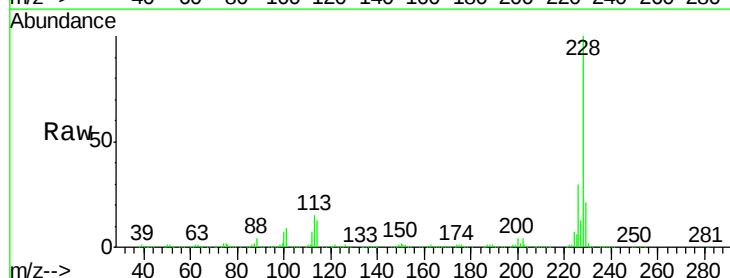
Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

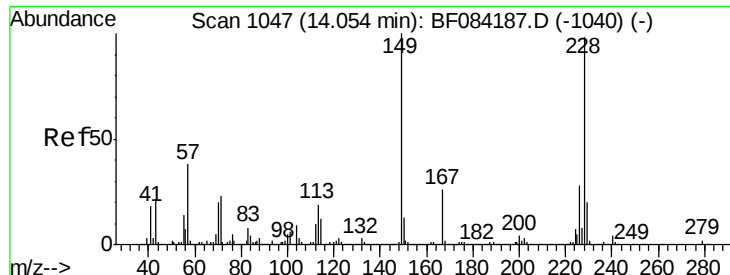
Tgt Ion:252 Resp: 316493
 Ion Ratio Lower Upper
 252 100
 254 64.6 53.5 80.3
 126 13.0 4.9 7.3#



#82
 Chrysene
 Concen: 36.80 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion:228 Resp: 1195239
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 20.9 16.1 24.1

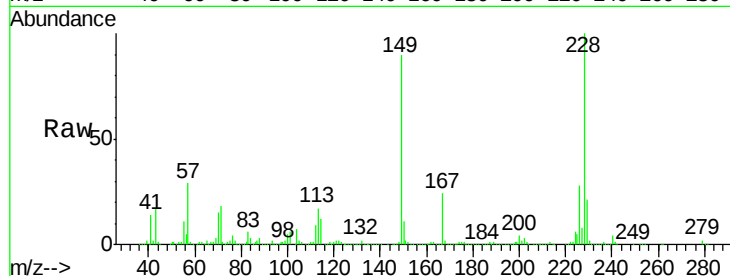




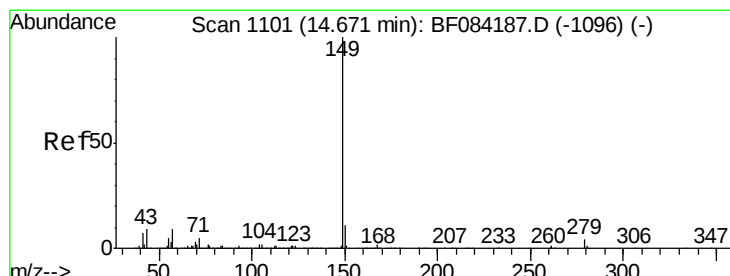
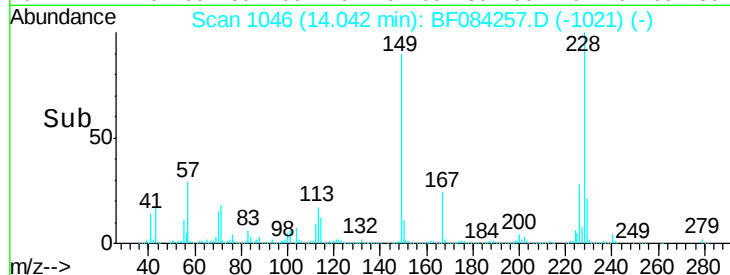
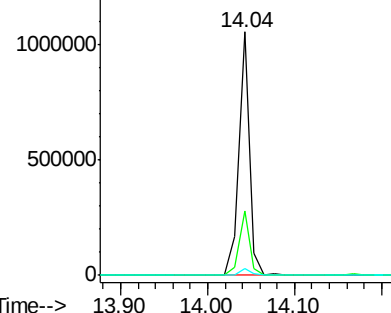
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.99 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

Tgt Ion:149 Resp: 913469
 Ion Ratio Lower Upper
 149 100
 167 26.6 19.7 29.5
 279 2.7 1.8 2.6#

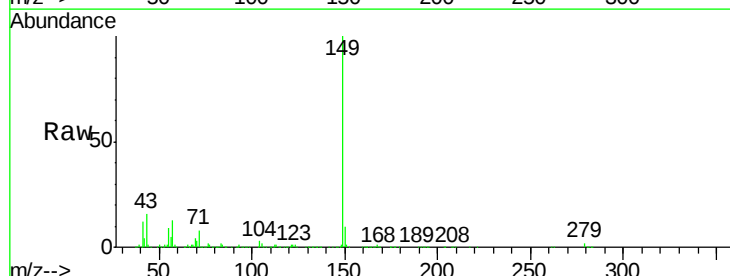


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

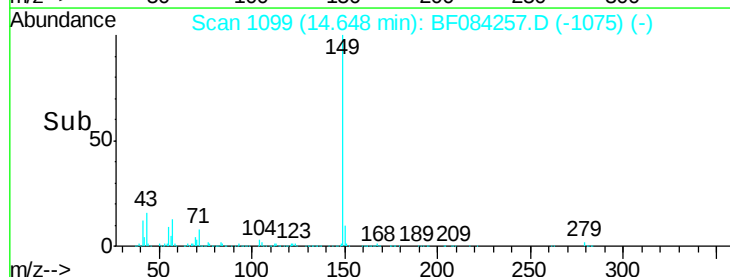
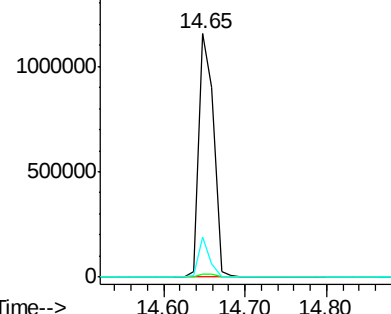


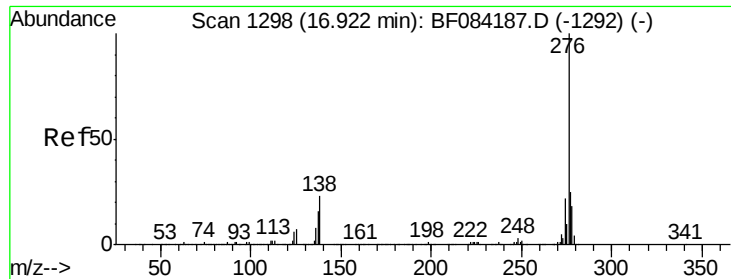
#84
 Di-n-octyl phthalate
 Concen: 34.85 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion:149 Resp: 1452958
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.2 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

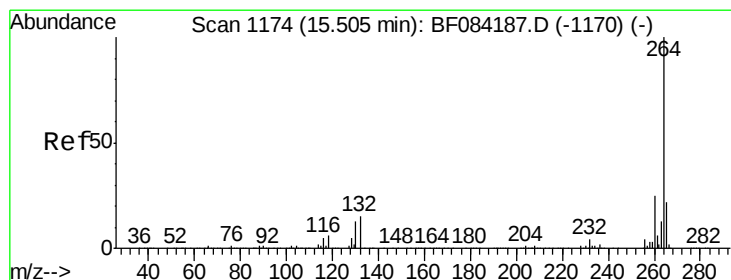
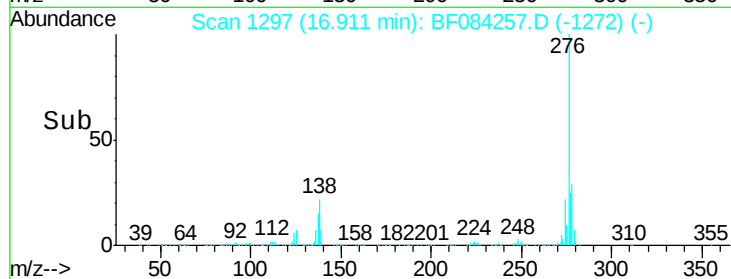
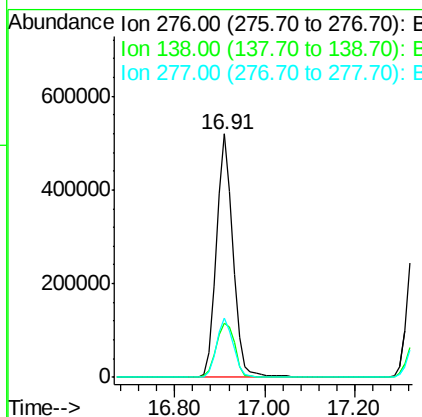
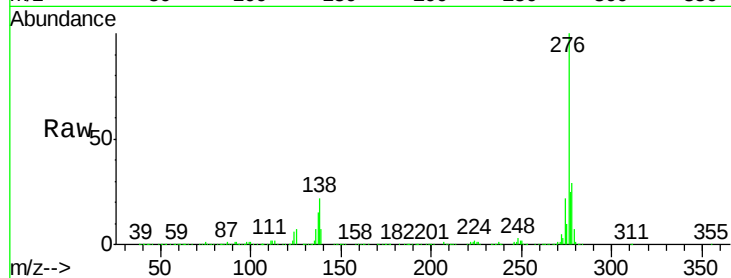




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.01 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

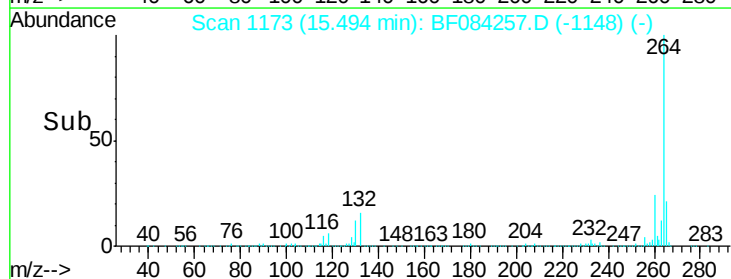
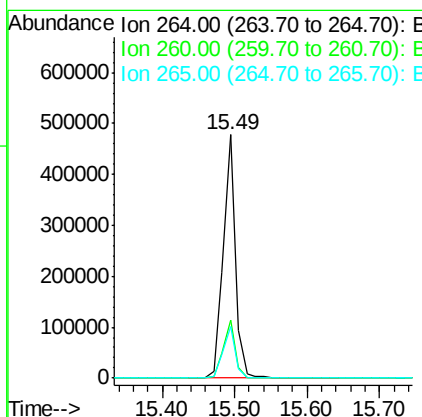
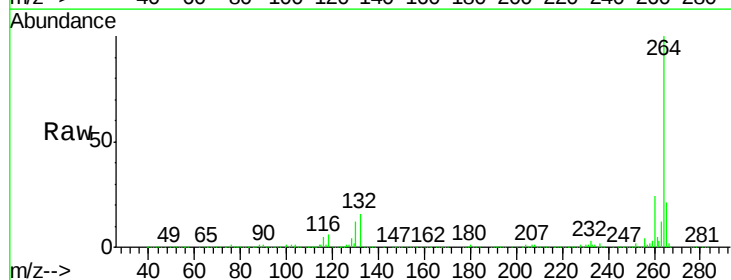
Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

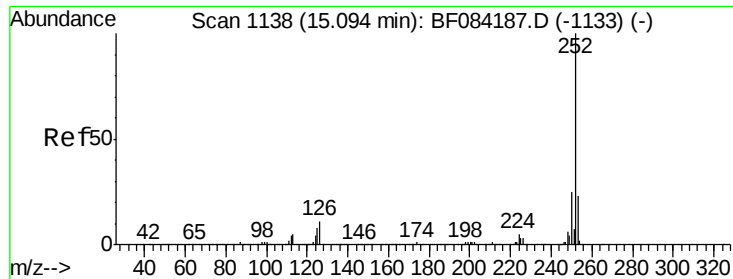
Tgt Ion: 276 Resp: 1338912
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.6 30.8
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion: 264 Resp: 559140
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.0 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 38.55 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

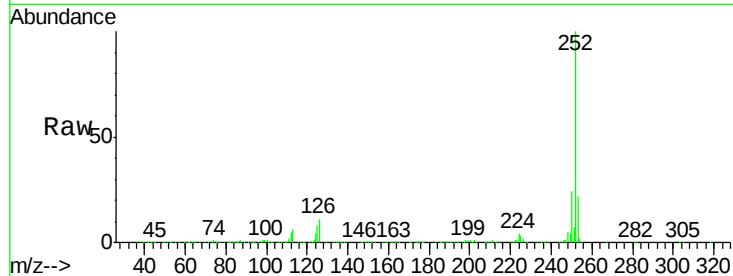
Tgt Ion:252 Resp: 1410062

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

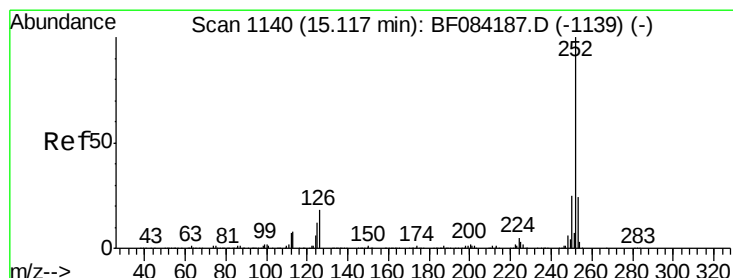
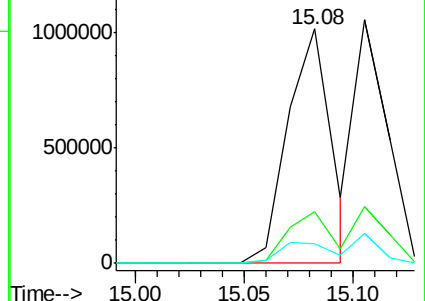
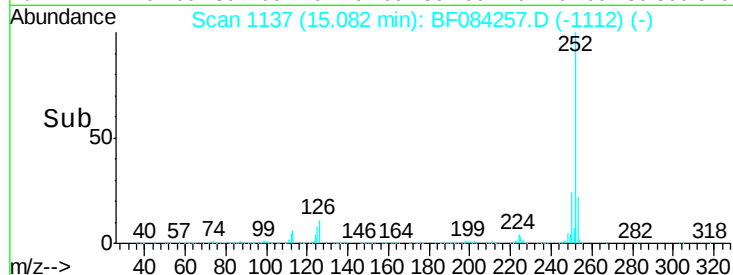
125 8.3 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.14 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

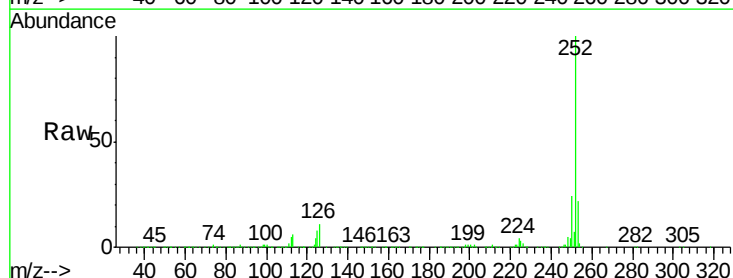
Tgt Ion:252 Resp: 1410062

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

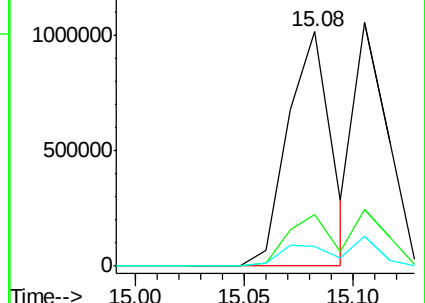
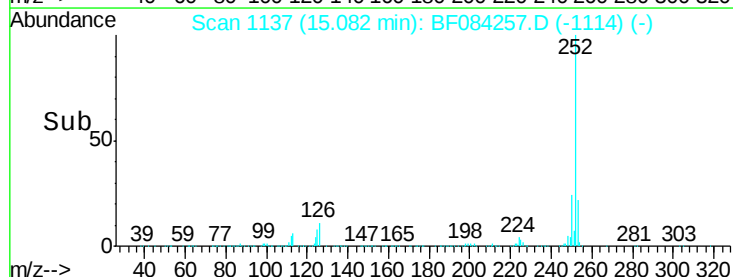
125 8.3 9.0 13.6#

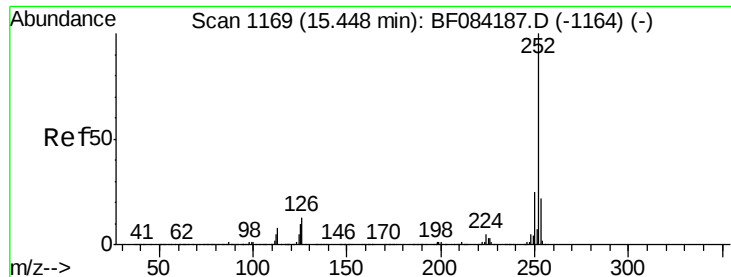


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.39 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

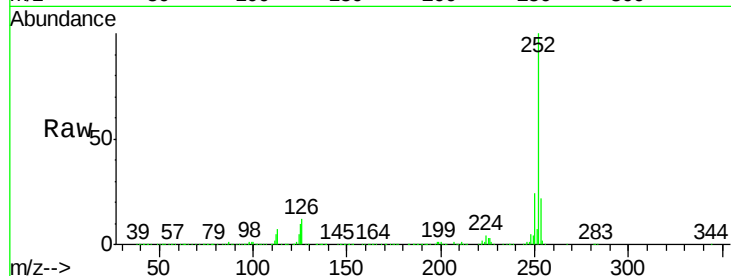
Tgt Ion:252 Resp: 1314960

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

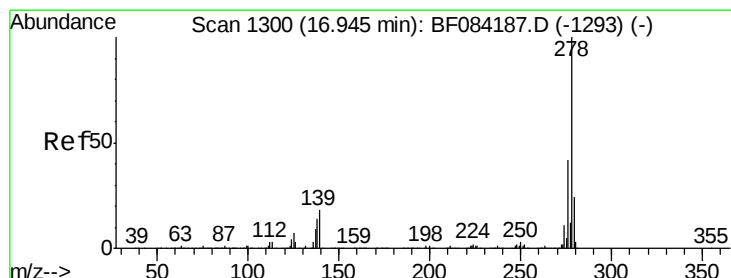
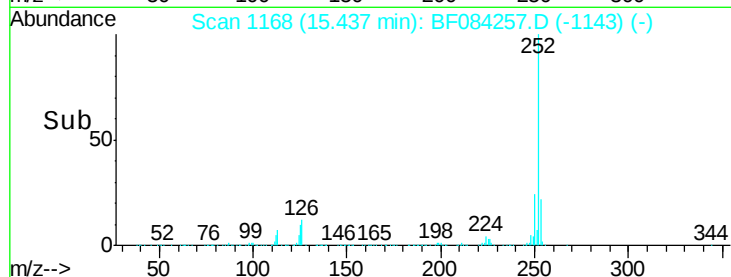
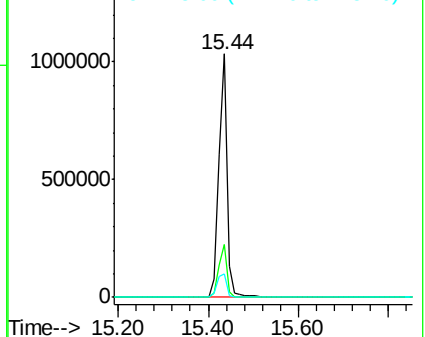
125 9.6 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.38 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

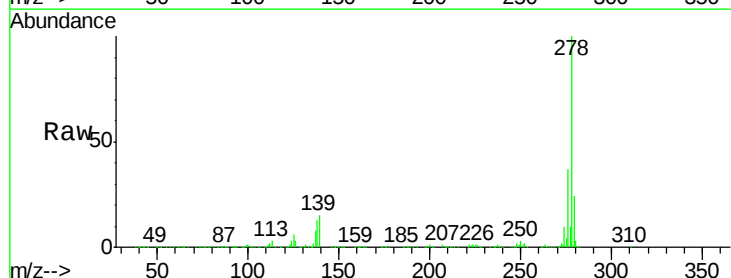
Tgt Ion:278 Resp: 1104642

Ion Ratio Lower Upper

278 100

139 15.4 15.0 22.4

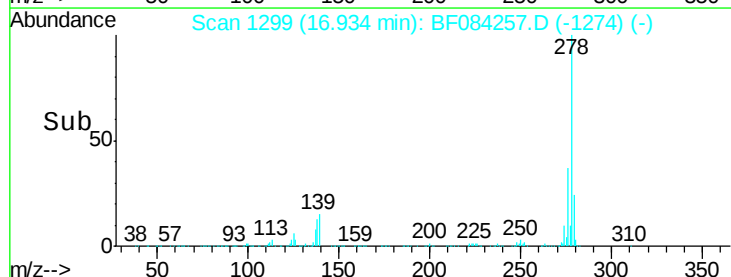
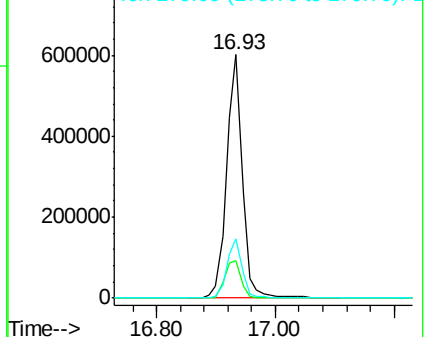
279 24.4 18.9 28.3

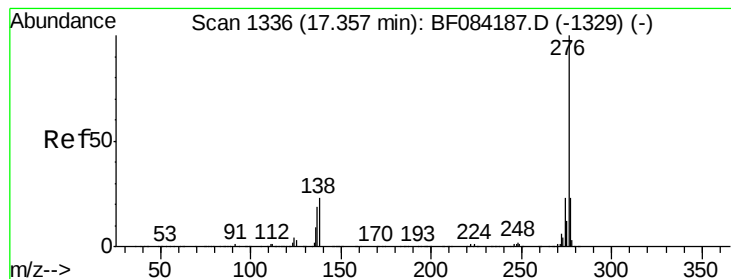


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.62 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF084257.D

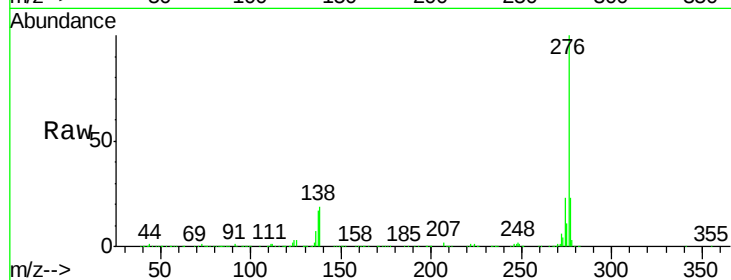
Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS



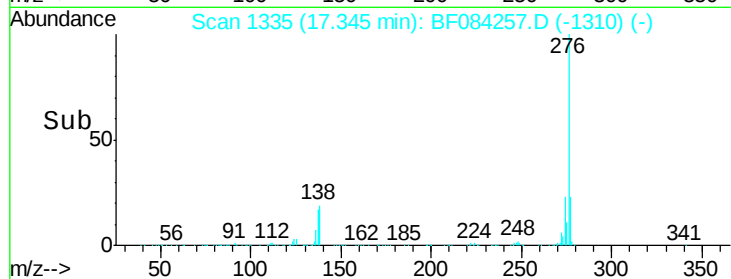
Tgt Ion: 276 Resp: 1067719

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 19.1 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

