

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083246.D
 Acq On : 24 Nov 2015 19:43
 Operator : UM/IZ
 Sample : PB86825BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Quant Time: Nov 25 00:31:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	168665	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	649768	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	331371	20.00	ng	-0.05
63) Phenanthrene-d10	11.13	188	639339	20.00	ng	-0.05
75) Chrysene-d12	13.76	240	536699	20.00	ng	-0.05
86) Perylene-d12	15.11	264	427319	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1277887	114.55	ng	-0.07
7) Phenol-d6	6.28	99	1746099	120.97	ng	-0.06
23) Nitrobenzene-d5	7.19	82	1137483	79.99	ng	-0.05
41) 2,4,6-Tribromophenol	10.44	330	397244	117.18	ng	-0.05
44) 2-Fluorobiphenyl	8.98	172	1676914	70.57	ng	-0.05
78) Terphenyl-d14	12.71	244	1735326	76.14	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	160995	29.13	ng	# 83
4) n-Nitrosodimethylamine	2.71	42	262695	39.02	ng	86
6) Aniline	6.27	93	416187	23.59	ng	92
8) 2-Chlorophenol	6.40	128	445200	36.94	ng	96
9) Benzaldehyde	6.15	77	266515	35.70	ng	93
10) Phenol	6.30	94	683498	39.14	ng	# 74
11) bis(2-Chloroethyl)ether	6.35	93	487156	39.07	ng	94
12) 1,3-Dichlorobenzene	6.55	146	479959	34.87	ng	97
13) 1,4-Dichlorobenzene	6.63	146	497855	35.76	ng	97
14) 1,2-Dichlorobenzene	6.79	146	431982	34.14	ng	95
15) Benzyl Alcohol	6.78	79	454153	37.65	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	839123	43.16	ng	90
17) 2-Methylphenol	6.90	107	385992	38.70	ng	96
18) Hexachloroethane	7.12	117	173015	35.28	ng	# 80
19) n-Nitroso-di-n-propylamine	7.04	70	360200	35.86	ng	97
20) 3+4-Methylphenols	7.06	107	521409	41.35	ng	97
22) Acetophenone	7.03	105	636537	34.12	ng	# 97
24) Nitrobenzene	7.20	77	526711	34.67	ng	99
25) Isophorone	7.45	82	969120	35.99	ng	97
26) 2-Nitrophenol	7.52	139	224539	33.47	ng	# 84
27) 2,4-Dimethylphenol	7.59	122	403558	37.70	ng	90
28) bis(2-Chloroethoxy)methane	7.67	93	609864	38.96	ng	100
29) 2,4-Dichlorophenol	7.77	162	376354	36.96	ng	93
30) 1,2,4-Trichlorobenzene	7.85	180	391452	35.00	ng	97
31) Naphthalene	7.92	128	1235813	35.24	ng	100
32) Benzoic acid	7.72	122	250962	30.16	ng	95
33) 4-Chloroaniline	7.99	127	171710	12.62	ng	# 89
34) Hexachlorobutadiene	8.04	225	219234	33.17	ng	100
35) Caprolactam	8.49	113	12593	3.86	ng	# 9
36) 4-Chloro-3-methylphenol	8.49	107	441362	37.42	ng	93
37) 2-Methylnaphthalene	8.62	142	858335	37.71	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	366307	34.11	ng	99
40) Hexachlorocyclopentadiene	8.78	237	411694	67.41	ng	100
42) 2,4,6-Trichlorophenol	8.90	196	265966	34.58	ng	98

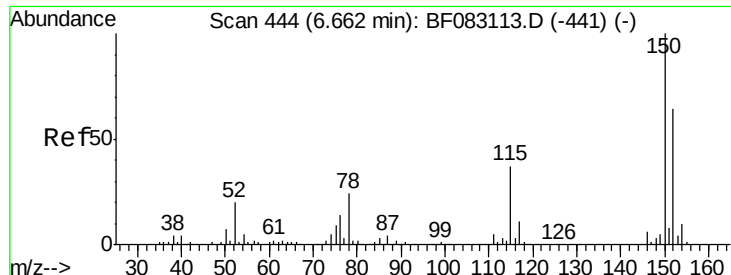
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.95	196	297021	37.77	ng	# 87
45) 1,1'-Biphenyl	9.08	154	1007391	35.72	ng	100
46) 2-Chloronaphthalene	9.10	162	755863	34.12	ng	# 93
47) 2-Nitroaniline	9.21	65	318768	40.68	ng	# 78
48) Acenaphthylene	9.51	152	1242455	36.19	ng	99
49) Dimethylphthalate	9.39	163	951869	37.31	ng	99
50) 2,6-Dinitrotoluene	9.45	165	223348	39.02	ng	# 80
51) Acenaphthene	9.68	154	733924	35.13	ng	98
52) 3-Nitroaniline	9.62	138	115913	18.99	ng	91
53) 2,4-Dinitrophenol	9.72	184	240228	72.84	ng	93
54) Dibenzofuran	9.86	168	1148168	38.86	ng	95
55) 4-Nitrophenol	9.82	139	337444	72.10	ng	# 70
56) 2,4-Dinitrotoluene	9.85	165	278035	38.33	ng	95
57) Fluorene	10.19	166	852897	34.93	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	242415	37.57	ng	94
59) Diethylphthalate	10.09	149	960407	37.82	ng	98
60) 4-Chlorophenyl-phenylether	10.19	204	411437	36.79	ng	94
61) 4-Nitroaniline	10.24	138	225991	37.61	ng	94
62) Azobenzene	10.35	77	1177926	40.64	ng	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	168053	38.15	ng	89
65) n-Nitrosodiphenylamine	10.32	169	829393	38.14	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	256767	36.19	ng	91
67) Hexachlorobenzene	10.74	284	274005	35.07	ng	96
68) Atrazine	10.86	200	267596	42.38	ng	94
69) Pentachlorophenol	10.95	266	342469	67.30	ng	99
70) Phenanthrene	11.15	178	1411166	38.31	ng	100
71) Anthracene	11.20	178	1357738	36.13	ng	100
72) Carbazole	11.36	167	1208248	36.17	ng	98
73) Di-n-butylphthalate	11.70	149	1393808	34.19	ng	99
74) Fluoranthene	12.33	202	1373944	36.45	ng	99
76) Benzidine	12.47	184	464630	33.03	ng	99
77) Pyrene	12.56	202	1509694	41.17	ng	99
79) Butylbenzylphthalate	13.20	149	648215	37.35	ng	# 85
80) Benzo(a)anthracene	13.75	228	1261081	37.99	ng	100
81) 3,3'-Dichlorobenzidine	13.71	252	249946	21.64	ng	# 96
82) Chrysene	13.78	228	1194855	38.82	ng	100
83) Bis(2-ethylhexyl)phthalate	13.76	149	824130	36.36	ng	97
84) Di-n-octyl phthalate	14.37	149	1228484	31.49	ng	95
85) Indeno(1,2,3-cd)pyrene	16.35	276	942518	33.66	ng	96
87) Benzo(b)fluoranthene	14.74	252	1843045	63.12	ng	# 96
88) Benzo(k)fluoranthene	14.74	252	1843045	84.72	ng	# 96
89) Benzo(a)pyrene	15.06	252	896472	37.19	ng	99
90) Dibenzo(a,h)anthracene	16.37	278	786729	35.93	ng	# 96
91) Benzo(g,h,i)perylene	16.72	276	810112	37.90	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.06 min

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PB86825BS

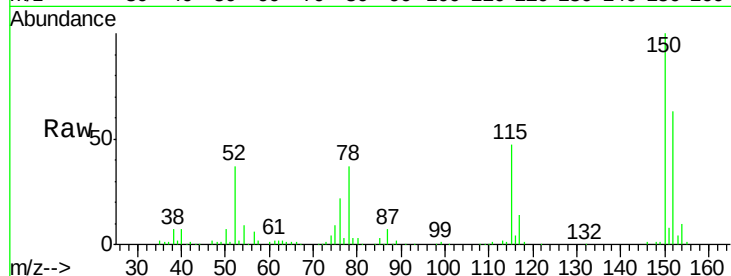
Tgt Ion:152 Resp: 168665

Ion Ratio Lower Upper

152 100

150 159.0 125.8 188.8

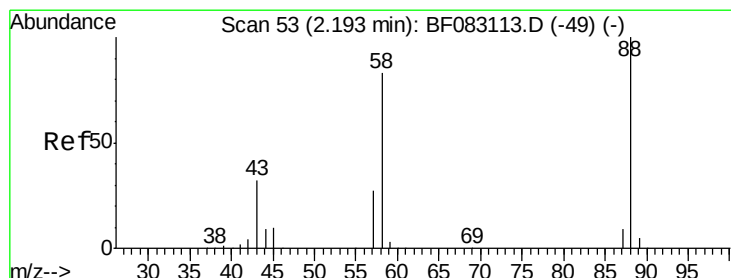
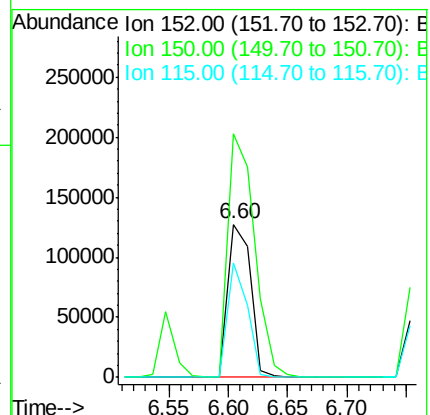
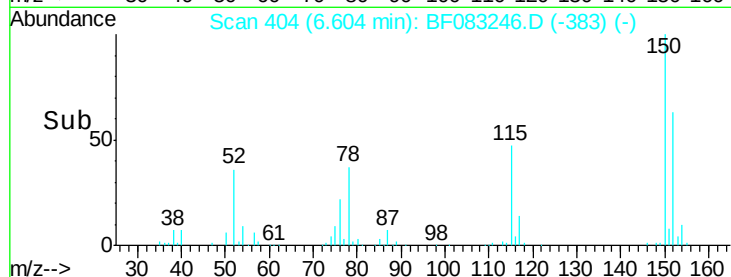
115 74.4 46.9 70.3#



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: 29.13 ng

RT: 2.12 min Scan# 12

Delta R.T. -0.07 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

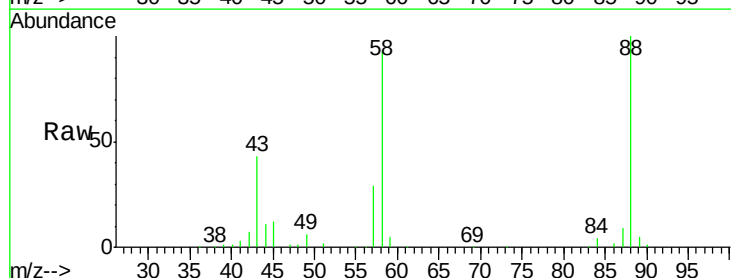
Tgt Ion: 88 Resp: 160995

Ion Ratio Lower Upper

88 100

58 86.7 65.0 97.6

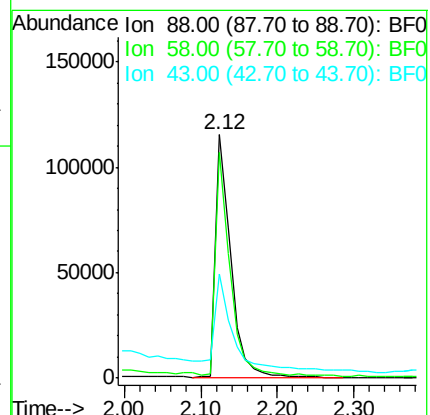
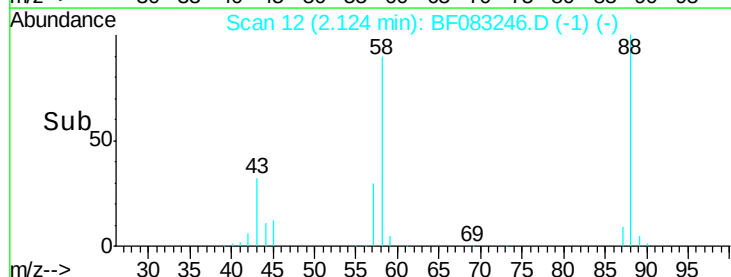
43 55.6 24.7 37.1#

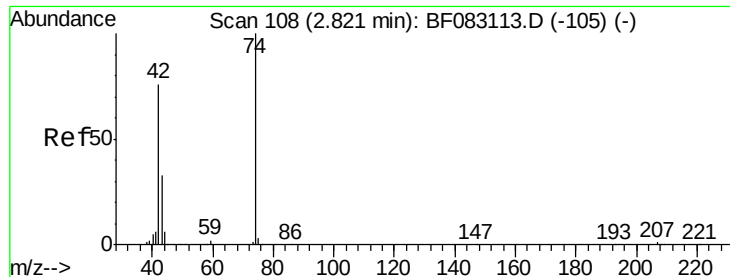


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 39.02 ng

RT: 2.71 min Scan# 63

Delta R.T. -0.11 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

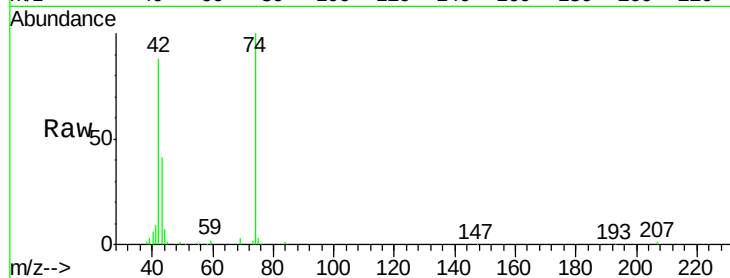
Tgt Ion: 42 Resp: 262695

Ion Ratio Lower Upper

42 100

74 114.1 104.8 157.2

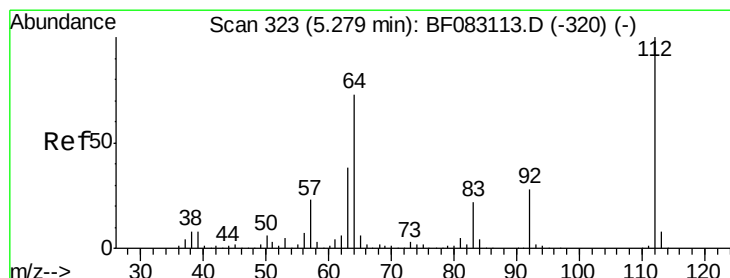
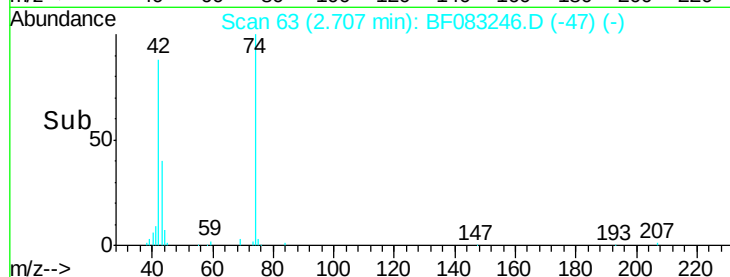
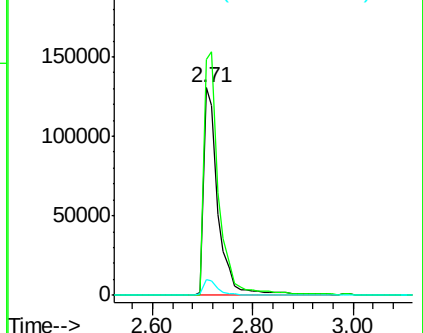
44 7.8 6.2 9.4



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: 114.55 ng

RT: 5.21 min Scan# 282

Delta R.T. -0.07 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

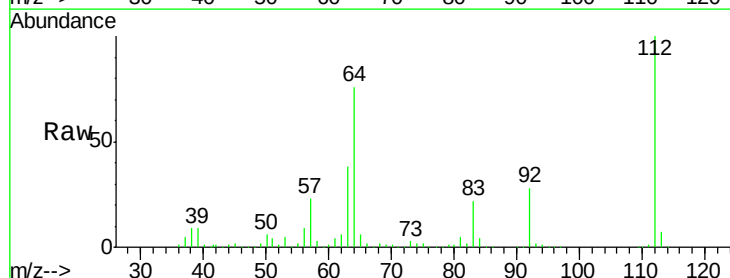
Tgt Ion: 112 Resp: 1277887

Ion Ratio Lower Upper

112 100

64 76.2 58.4 87.6

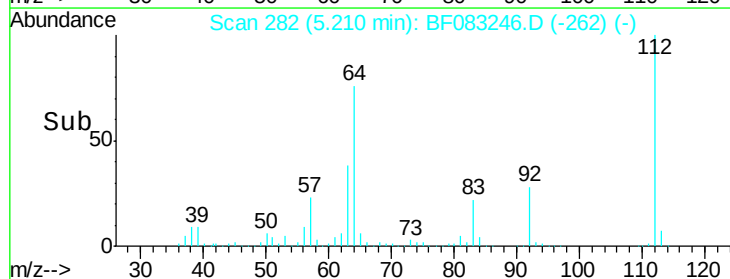
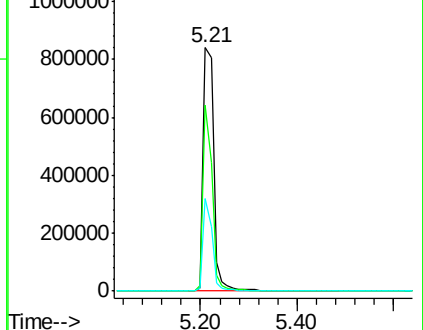
63 37.9 30.0 45.0

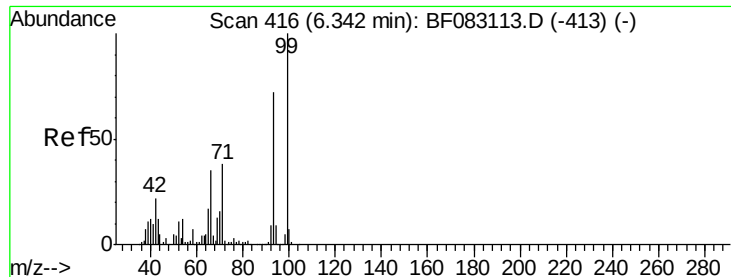


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 23.59 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

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ClientSampleId :

PB86825BS

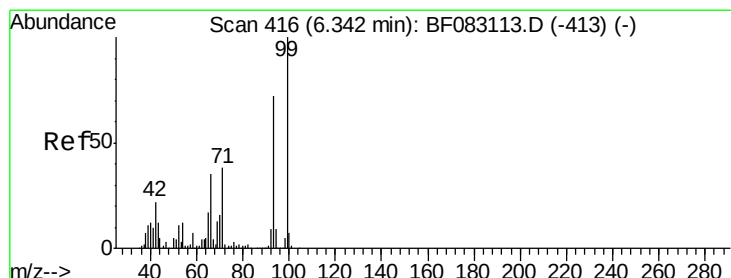
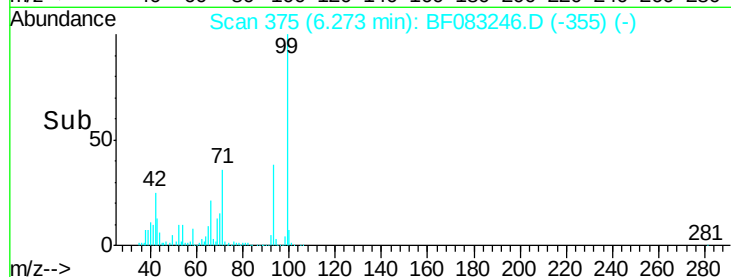
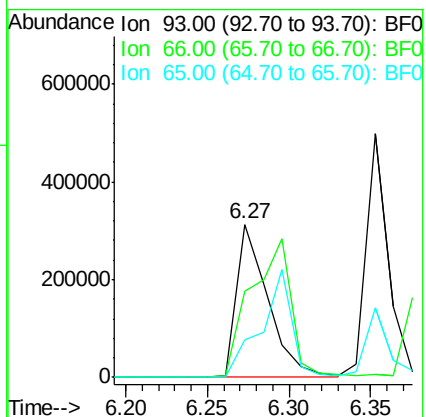
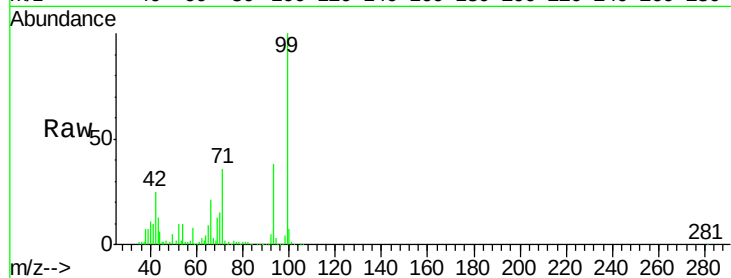
Tgt Ion: 93 Resp: 416187

Ion Ratio Lower Upper

93 100

66 56.0 38.7 58.1

65 24.3 18.6 27.8



#7

Phenol-d6

Concen: 120.97 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

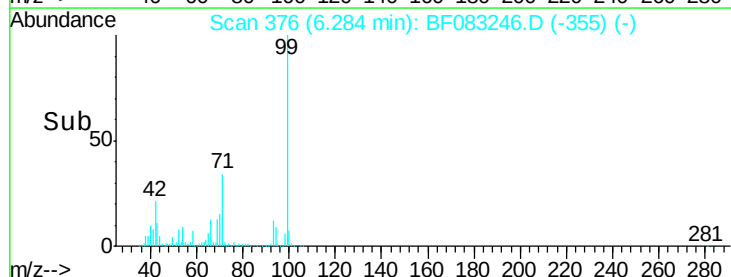
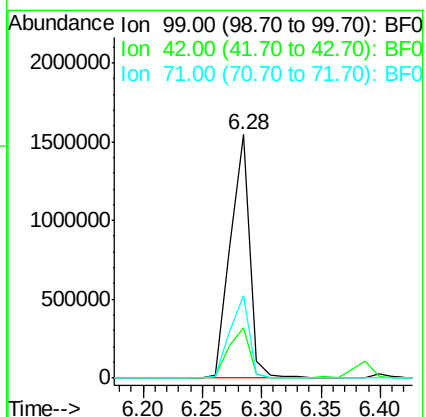
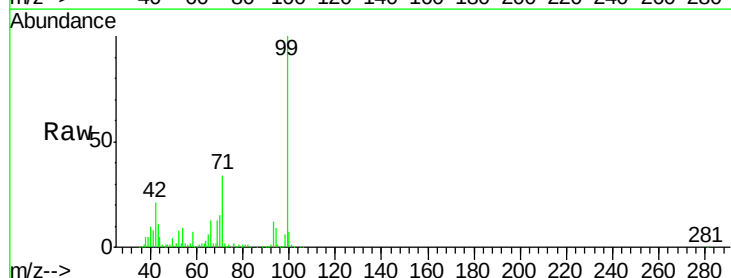
Tgt Ion: 99 Resp: 1746099

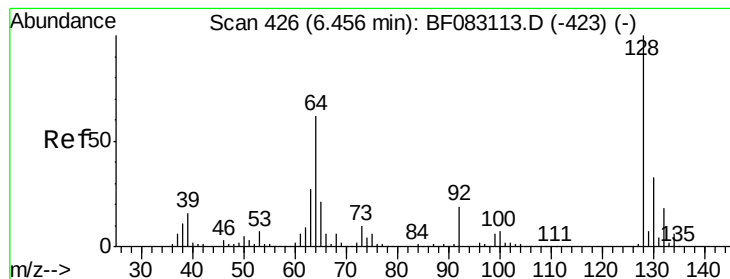
Ion Ratio Lower Upper

99 100

42 20.9 17.7 26.5

71 33.7 30.2 45.4





#8

2-Chlorophenol

Concen: 36.94 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

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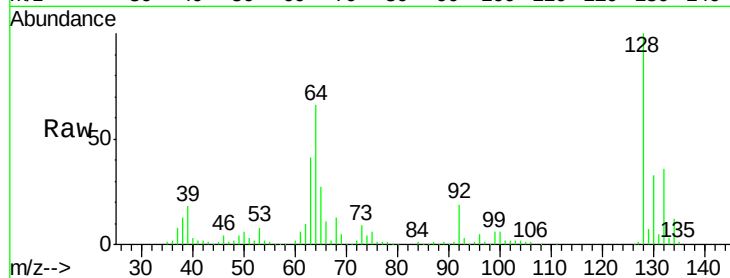
Tgt Ion:128 Resp: 445200

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

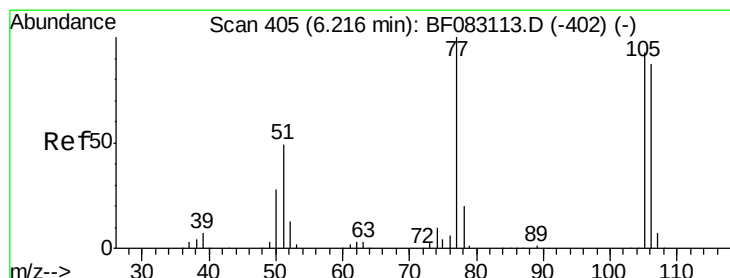
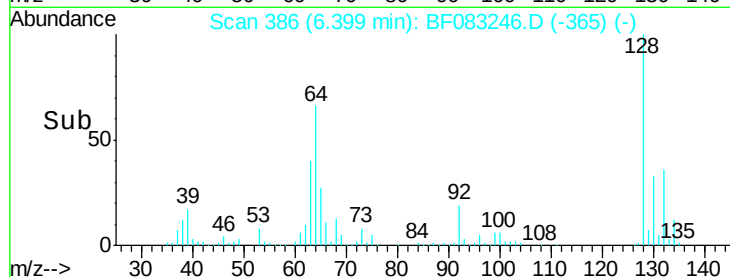
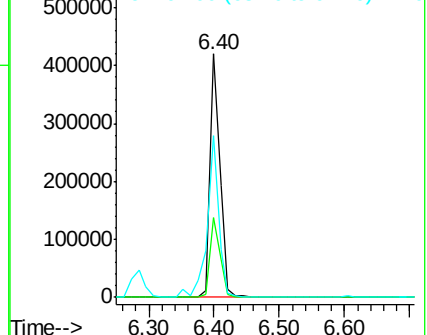
64 66.5 41.9 81.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 35.70 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.07 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

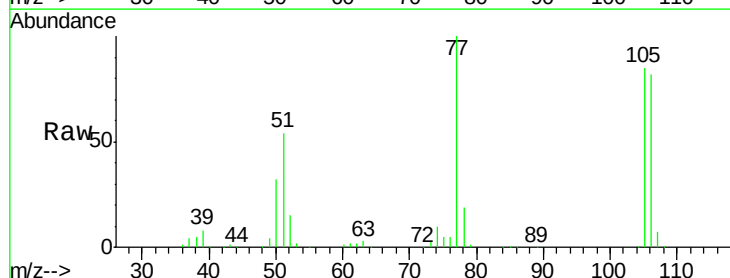
Tgt Ion: 77 Resp: 266515

Ion Ratio Lower Upper

77 100

105 84.6 73.4 113.4

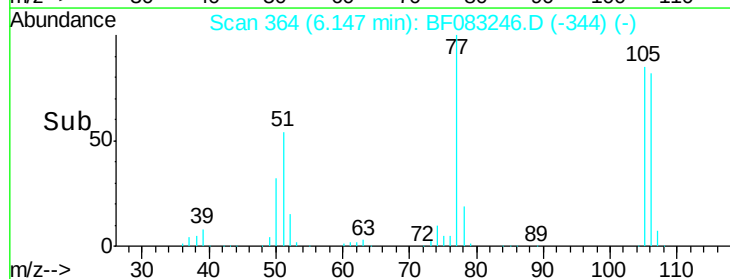
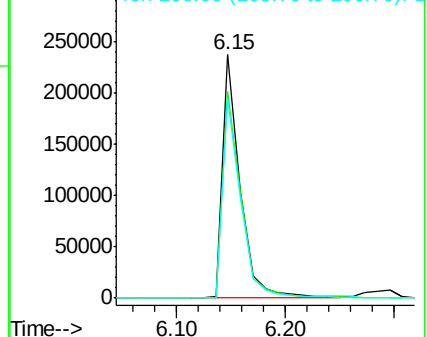
106 82.3 67.5 107.5

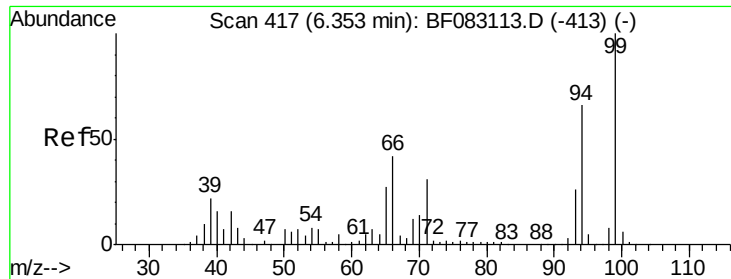


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 39.14 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.06 min

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Acq: 24 Nov 2015 19:43

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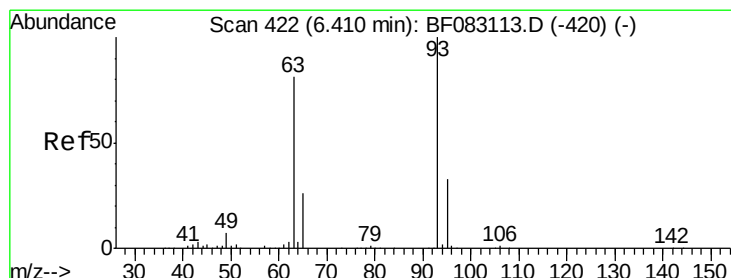
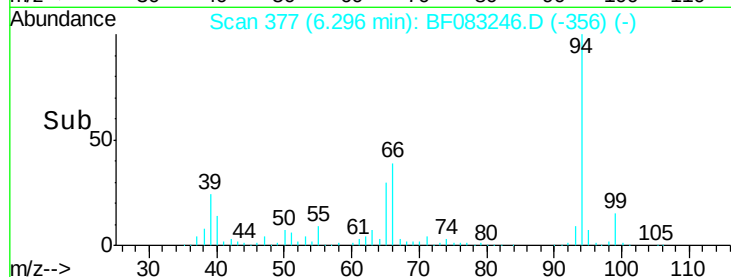
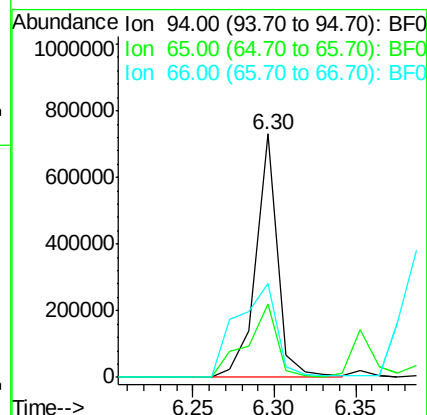
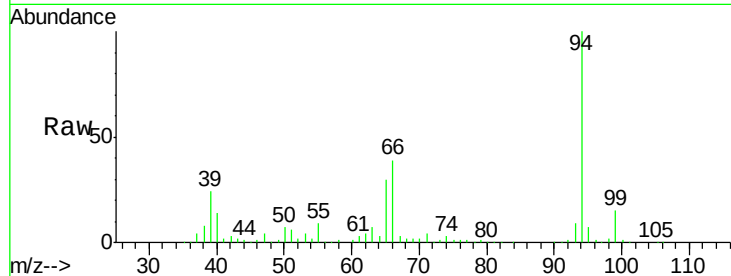
Tgt Ion: 94 Resp: 683498

Ion Ratio Lower Upper

94 100

65 30.3 21.1 61.1

66 38.7 43.1 83.1#



#11

bis(2-Chloroethyl)ether

Concen: 39.07 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

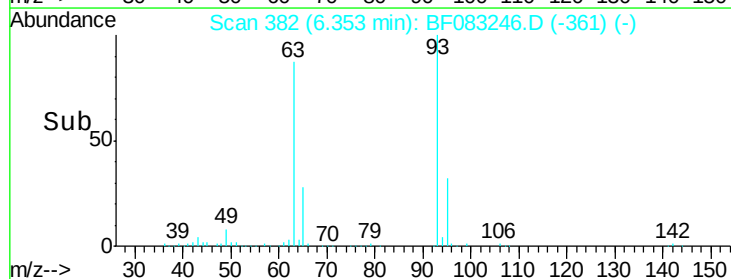
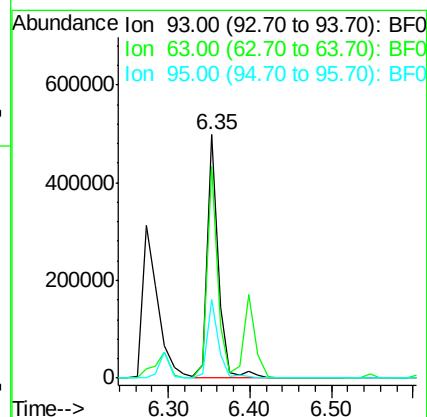
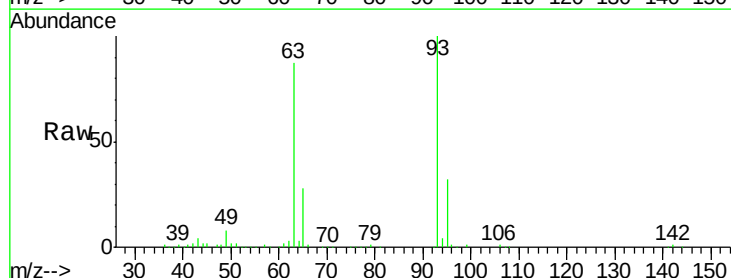
Tgt Ion: 93 Resp: 487156

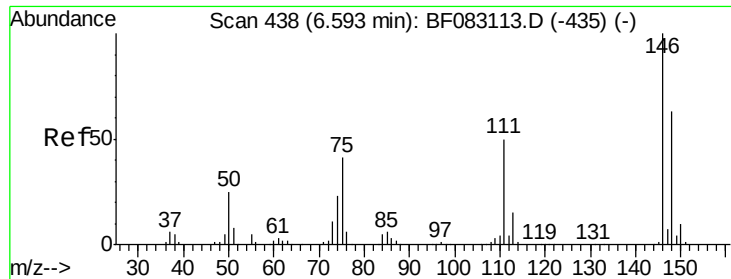
Ion Ratio Lower Upper

93 100

63 86.9 59.8 99.8

95 32.2 13.0 53.0

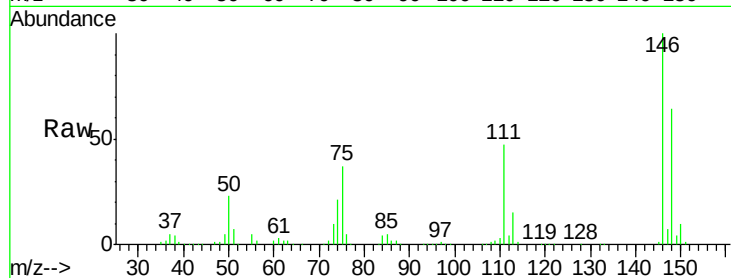




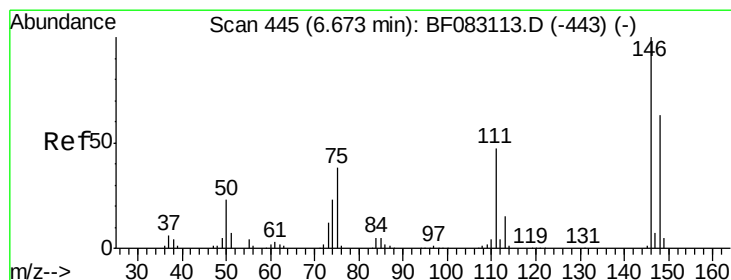
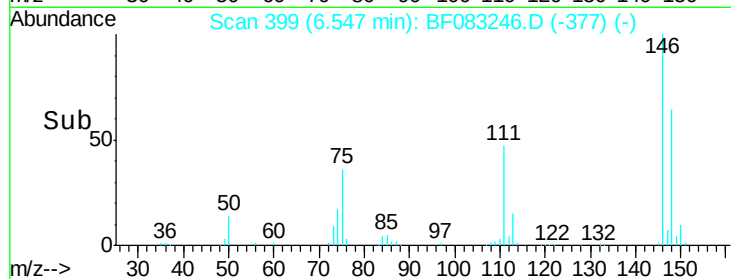
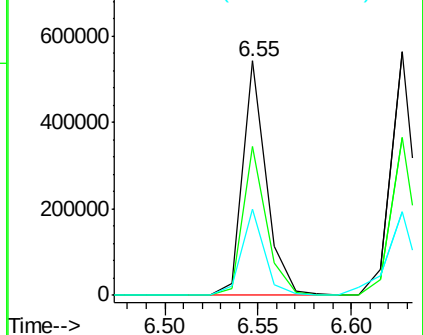
#12
 1,3-Dichlorobenzene
 Concen: 34.87 ng
 RT: 6.55 min Scan# 399
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Tgt Ion:146 Resp: 479959
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.2
 75 37.0 32.7 49.1

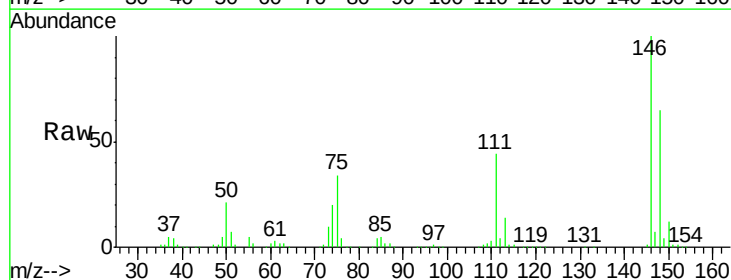


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

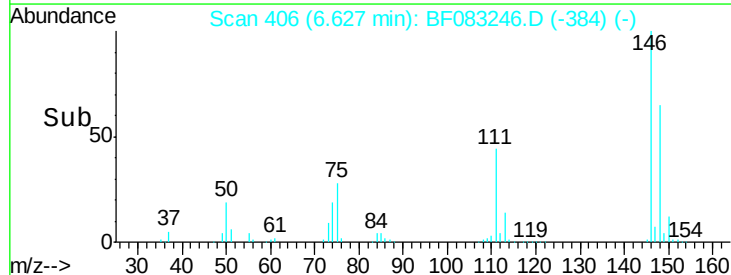
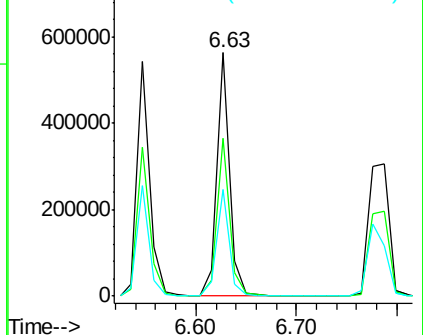


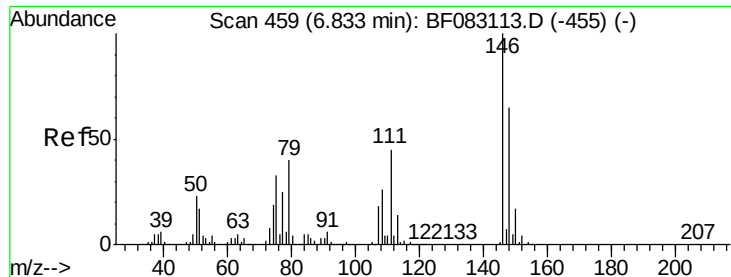
#13
 1,4-Dichlorobenzene
 Concen: 35.76 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion:146 Resp: 497855
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.2 75.2
 111 43.8 37.5 56.3



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

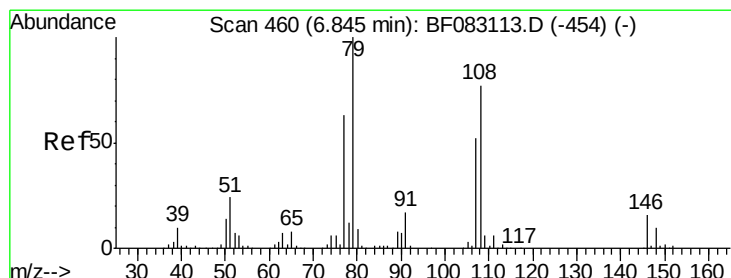
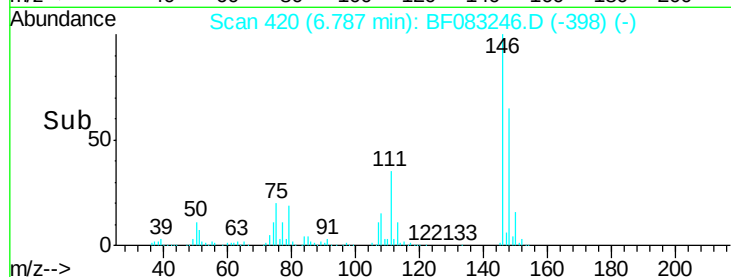
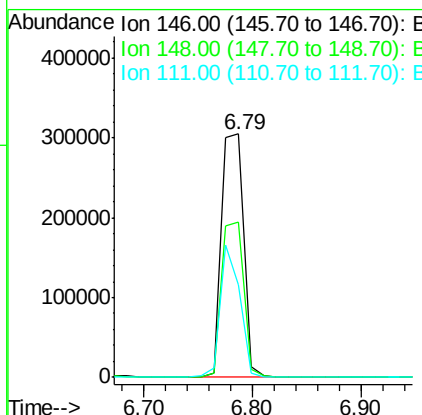
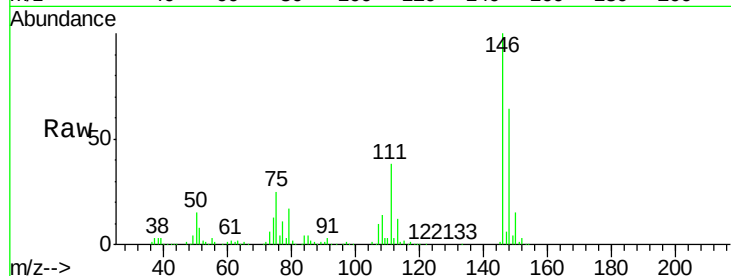




#14
 1,2-Dichlorobenzene
 Concen: 34.14 ng
 RT: 6.79 min Scan# 420
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

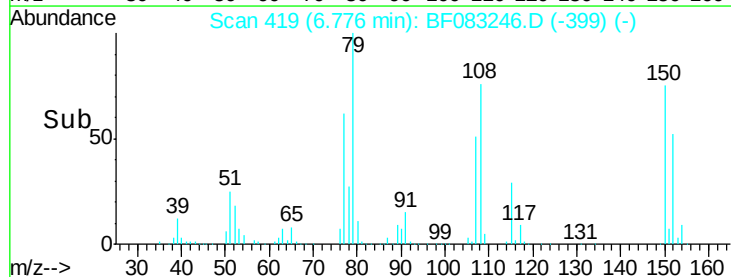
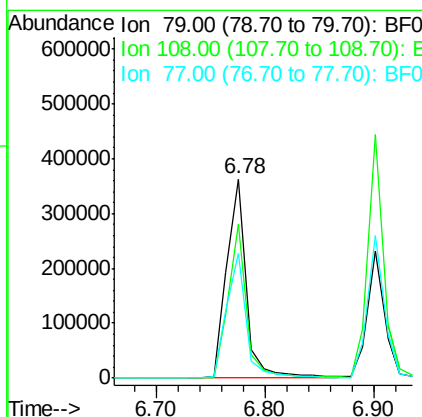
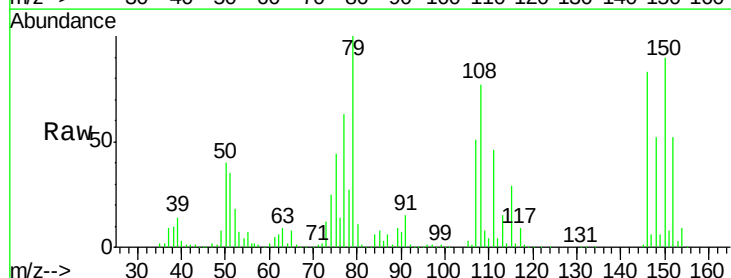
Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

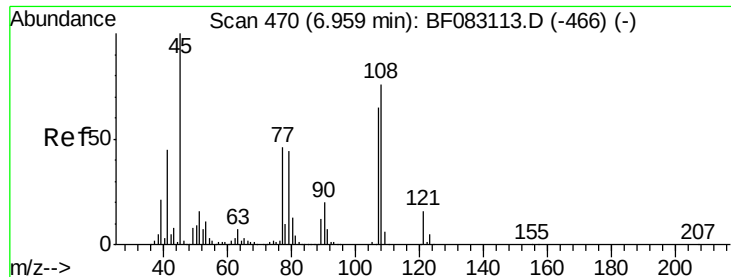
Tgt Ion: 146 Resp: 431982
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.6
 111 37.9 36.2 54.4



#15
 Benzyl Alcohol
 Concen: 37.65 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.07 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion: 79 Resp: 454153
 Ion Ratio Lower Upper
 79 100
 108 77.3 61.4 92.2
 77 62.5 50.5 75.7

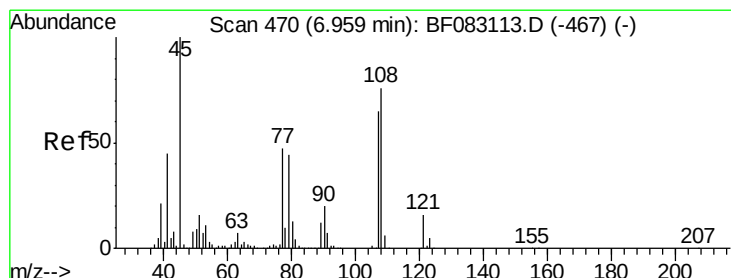
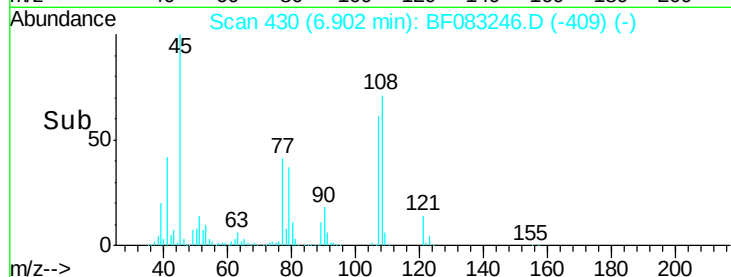
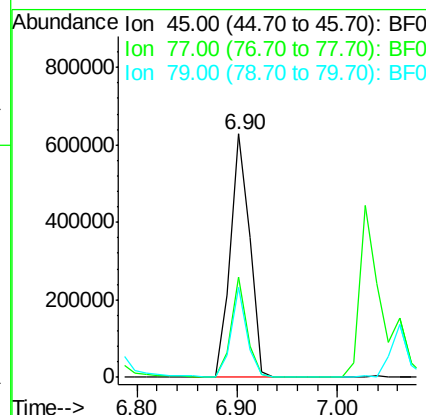
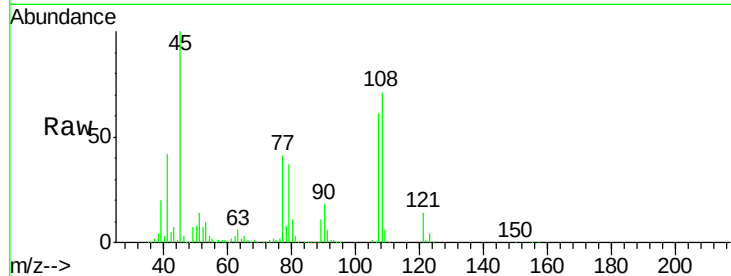




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.16 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

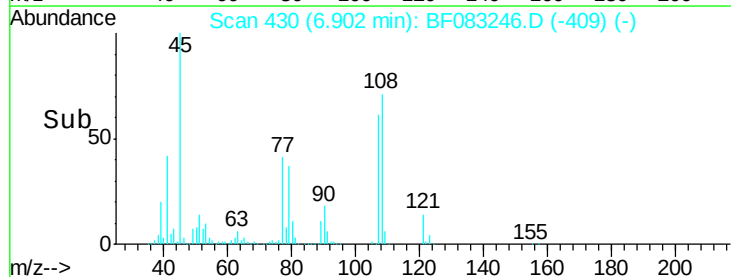
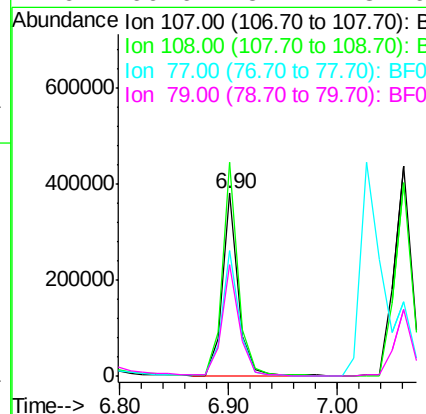
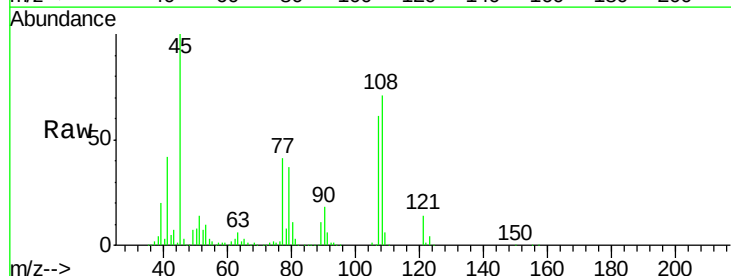
Instrument :
BNA_F
ClientSampleId :
PB86825BS

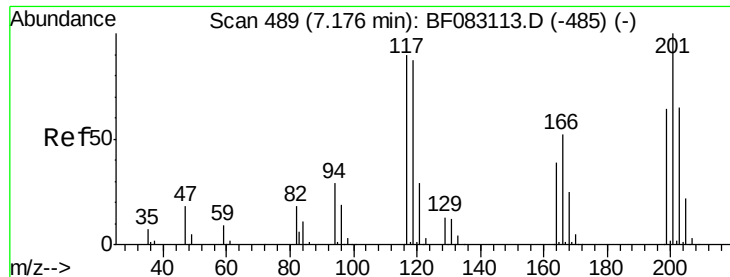
Tgt Ion: 45 Resp: 839123
Ion Ratio Lower Upper
45 100
77 41.4 26.7 66.7
79 36.7 24.3 64.3



#17
2-Methylphenol
Concen: 38.70 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion: 107 Resp: 385992
Ion Ratio Lower Upper
107 100
108 116.7 93.8 140.6
77 68.3 57.4 86.0
79 60.6 54.4 81.6

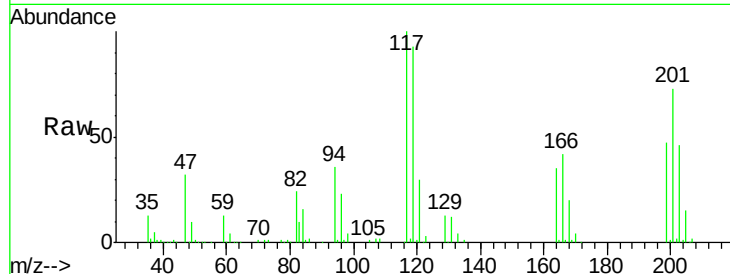




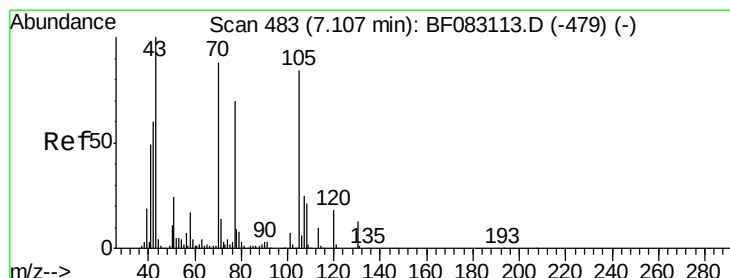
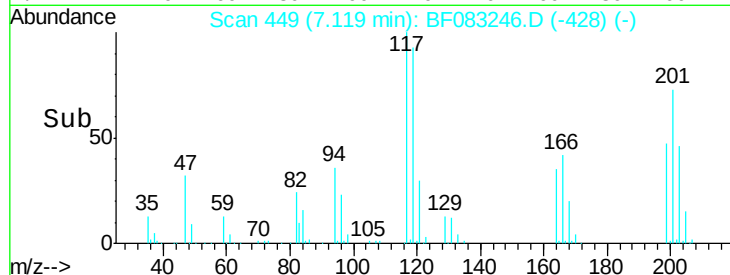
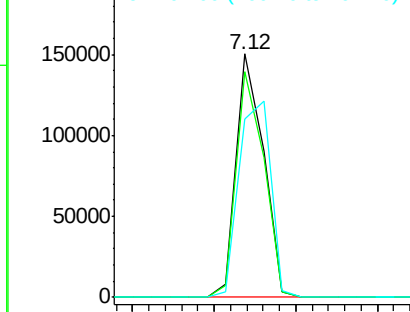
#18
Hexachloroethane
Concen: 35.28 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion: 117 Resp: 173015
Ion Ratio Lower Upper
117 100
119 92.8 76.8 115.2
201 73.3 88.6 133.0#



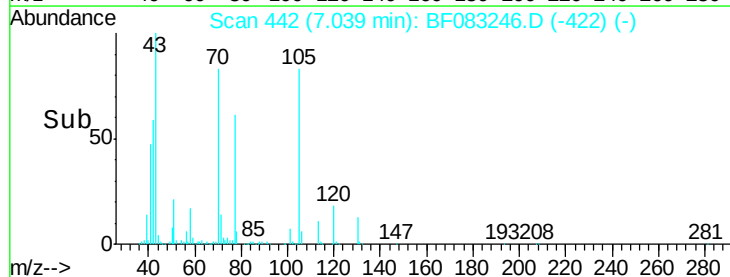
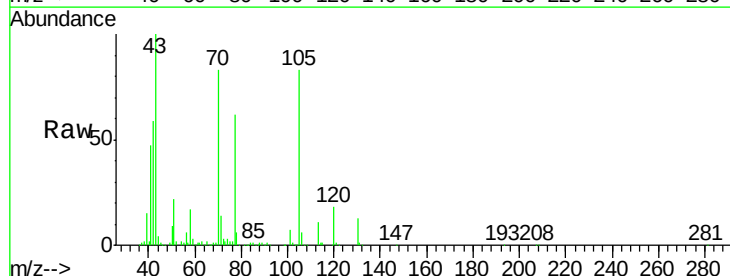
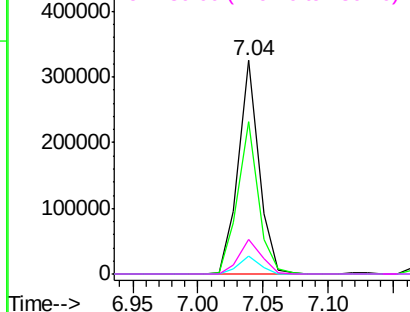
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

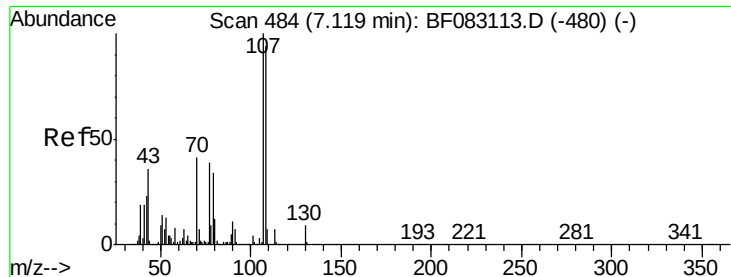


#19
n-Nitroso-di-n-propylamine
Concen: 35.86 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion: 70 Resp: 360200
Ion Ratio Lower Upper
70 100
42 71.1 54.5 81.7
101 8.3 6.6 9.8
130 15.9 11.5 17.3

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 41.35 ng

RT: 7.06 min Scan# 444

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

Tgt Ion:107 Resp: 521409

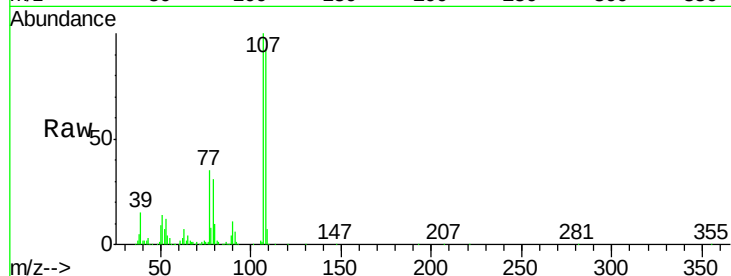
Ion Ratio Lower Upper

107 100

108 92.3 73.8 113.8

77 35.2 19.1 59.1

79 31.5 13.7 53.7

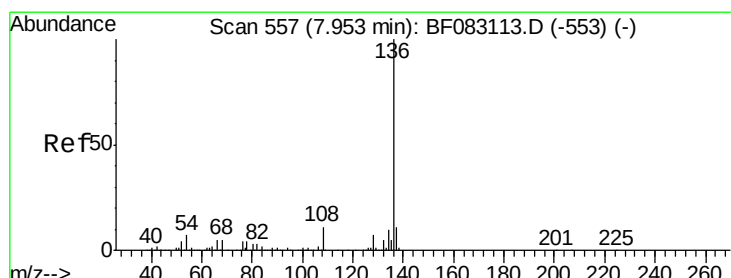
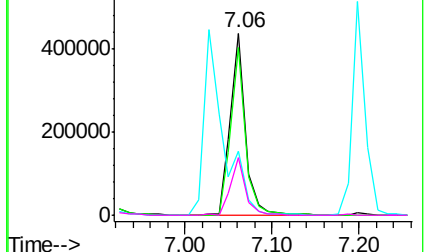
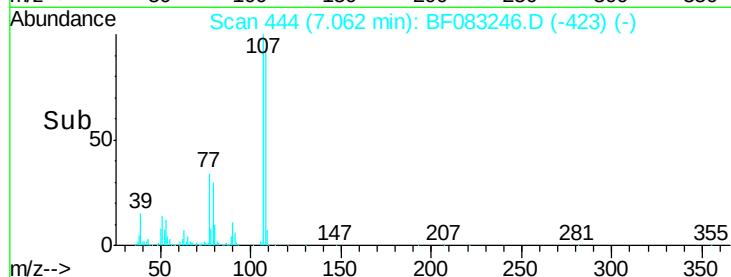


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Tgt Ion:136 Resp: 649768

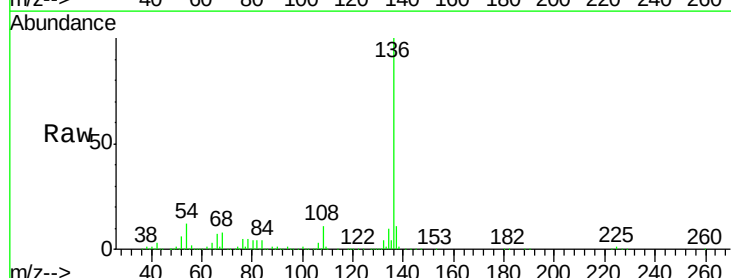
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 12.5 5.8 8.6#

68 8.1 3.8 5.8#

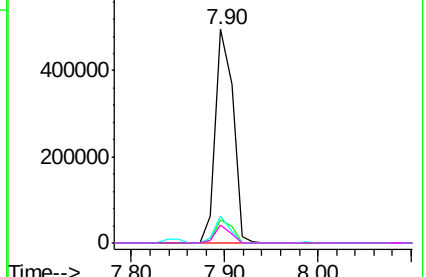
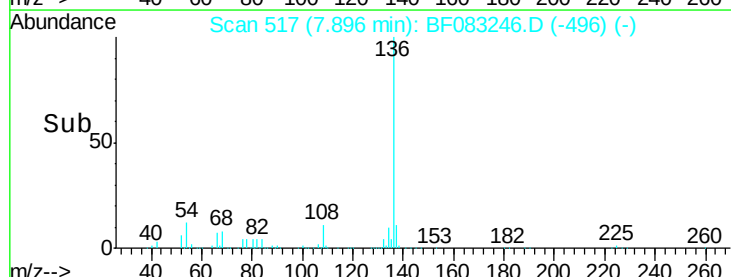


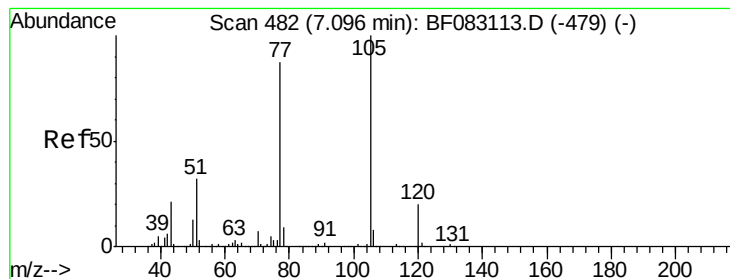
Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.12 ng

RT: 7.03 min Scan# 441

Delta R.T. -0.07 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

Tgt Ion: 105 Resp: 636537

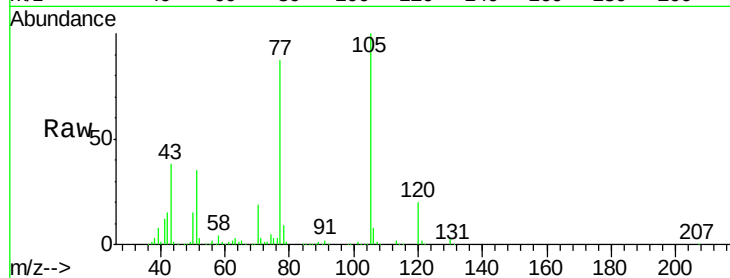
Ion Ratio Lower Upper

105 100

71 3.2 1.0 1.4#

51 34.6 25.6 38.4

120 19.8 15.8 23.6



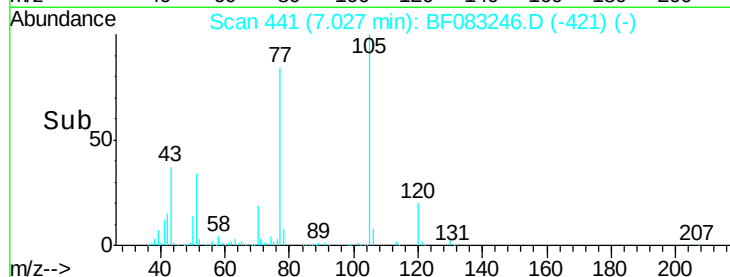
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

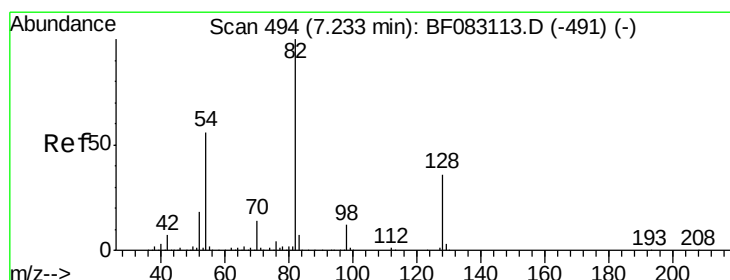
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 79.99 ng

RT: 7.19 min Scan# 455

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

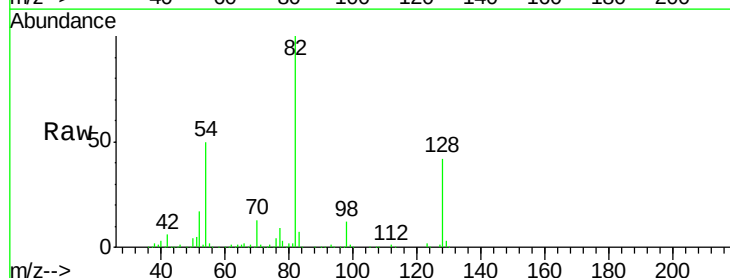
Tgt Ion: 82 Resp: 1137483

Ion Ratio Lower Upper

82 100

128 41.9 28.5 42.7

54 50.4 44.6 67.0

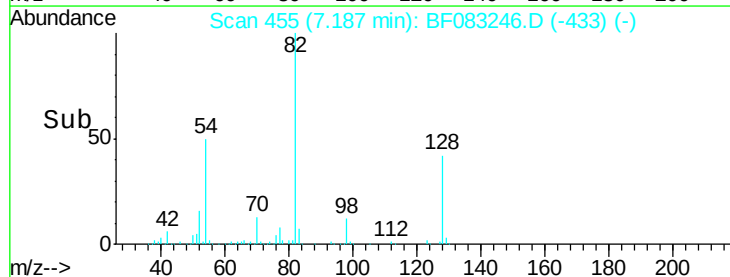


Abundance Ion 82.00 (81.70 to 82.70): BF0

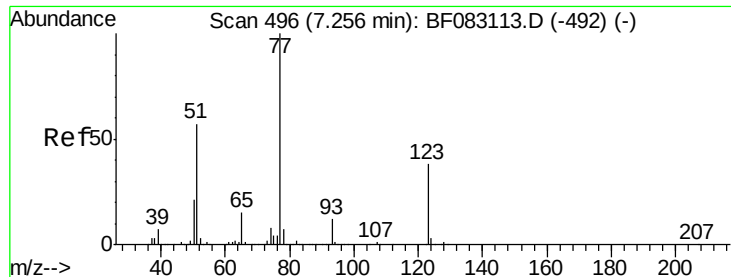
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



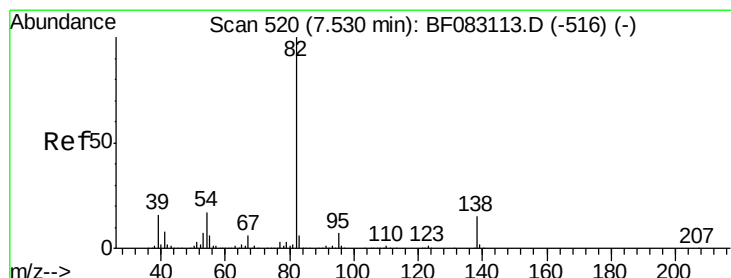
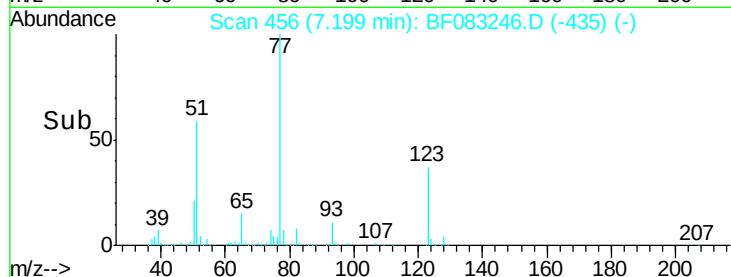
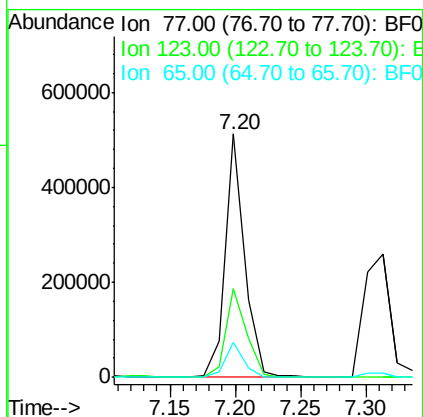
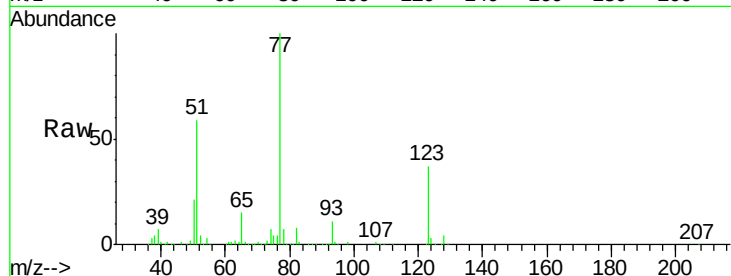
Time-->



#24
 Nitrobenzene
 Concen: 34.67 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

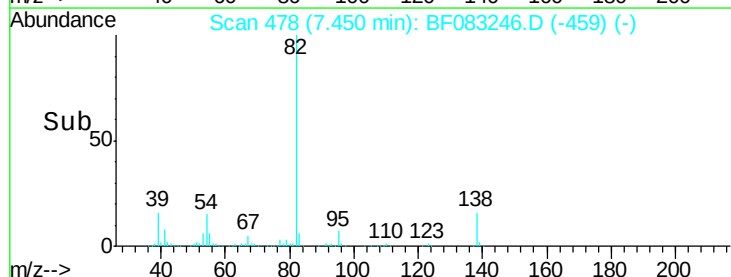
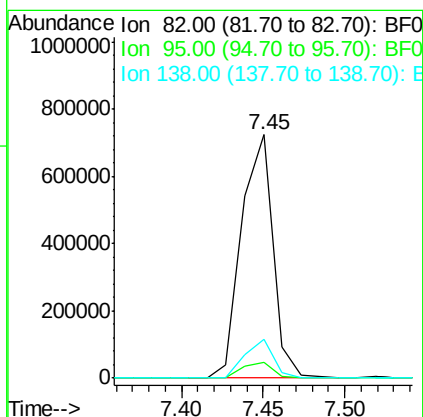
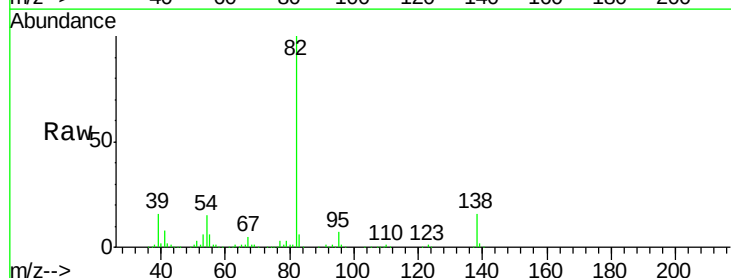
Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

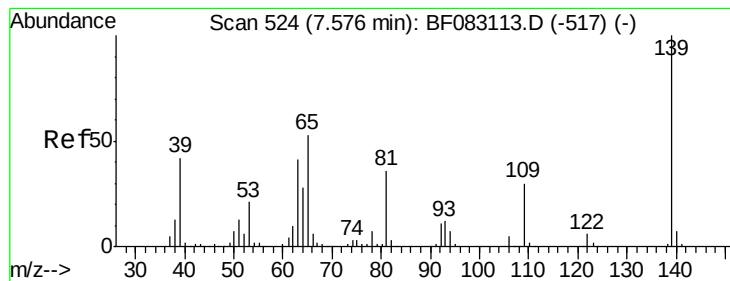
Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	30.1	45.1
65	14.5	11.6	17.4



#25
 Isophorone
 Concen: 35.99 ng
 RT: 7.45 min Scan# 478
 Delta R.T. -0.08 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.8	8.8
138	15.7	11.6	17.4





#26

2-Nitrophenol

Concen: 33.47 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

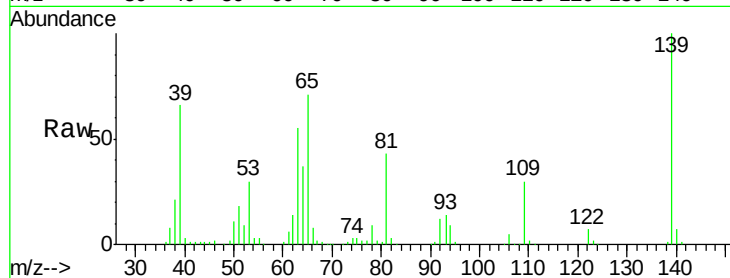
Tgt Ion:139 Resp: 224539

Ion Ratio Lower Upper

139 100

109 30.1 23.9 35.9

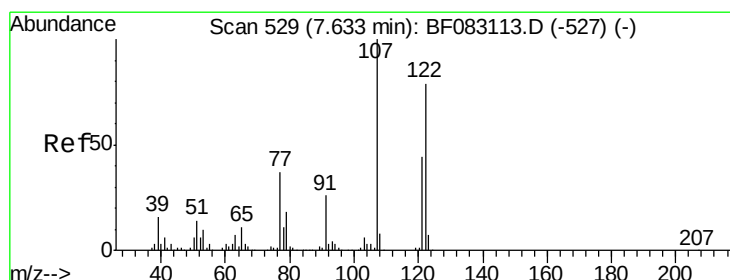
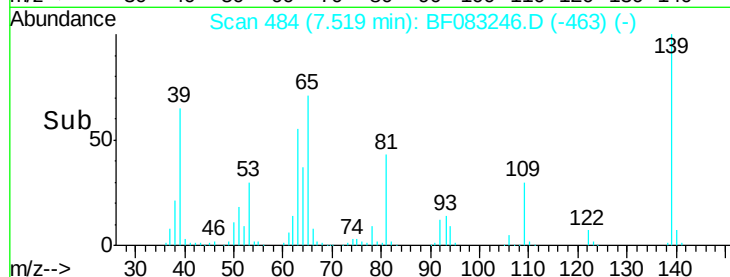
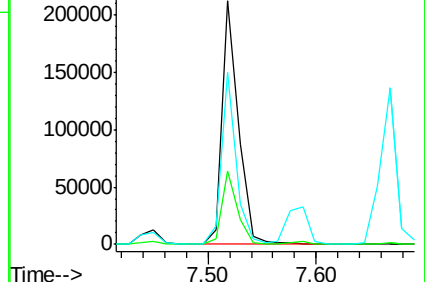
65 70.7 42.7 64.1#



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: 37.70 ng

RT: 7.59 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

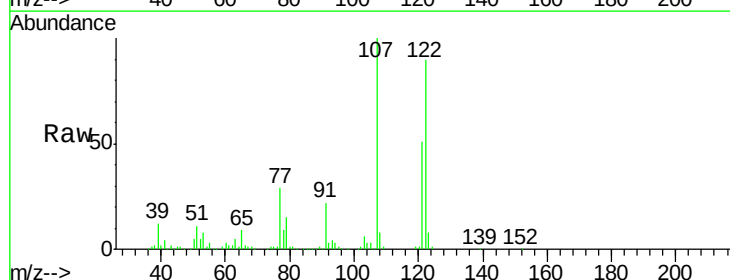
Tgt Ion:122 Resp: 403558

Ion Ratio Lower Upper

122 100

107 110.6 101.1 151.7

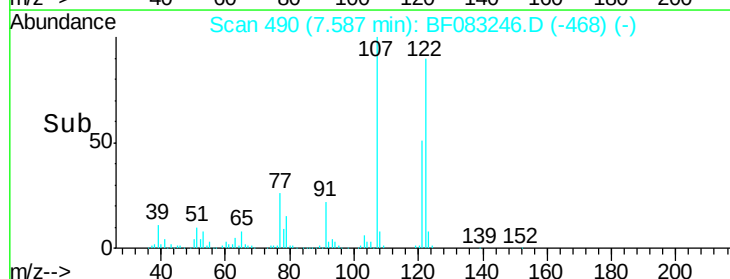
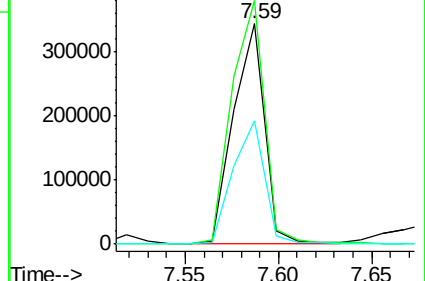
121 56.2 44.9 67.3

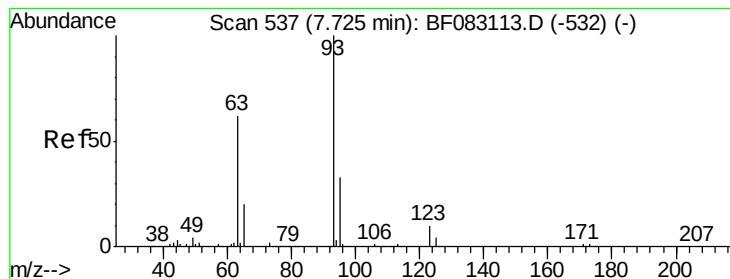


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 38.96 ng

RT: 7.67 min Scan# 497

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

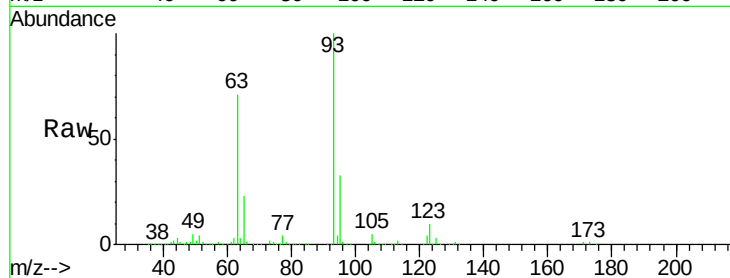
Tgt Ion: 93 Resp: 609864

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

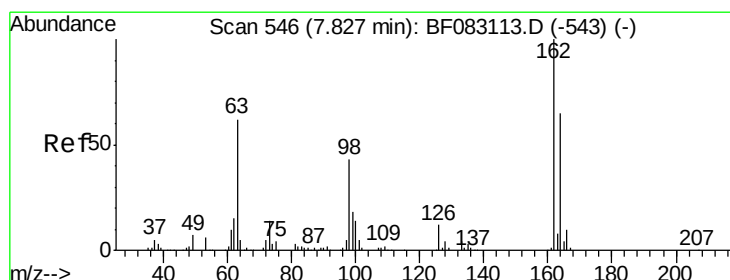
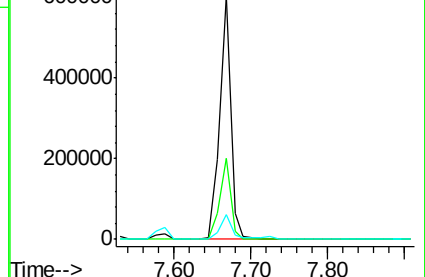
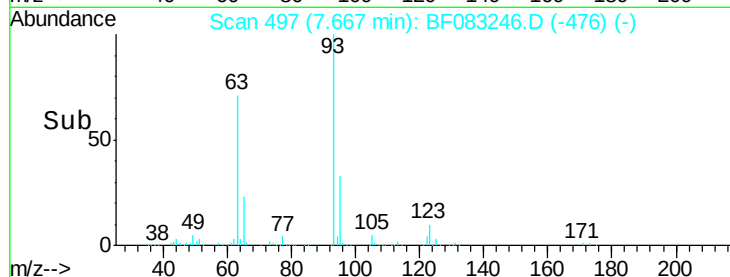
123 10.0 8.1 12.1



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): BF0



#29

2,4-Dichlorophenol

Concen: 36.96 ng

RT: 7.77 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

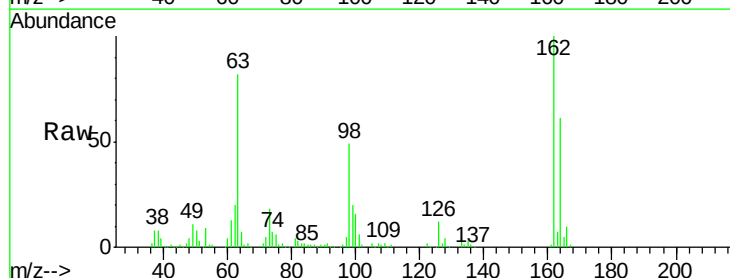
Tgt Ion: 162 Resp: 376354

Ion Ratio Lower Upper

162 100

164 61.4 44.8 84.8

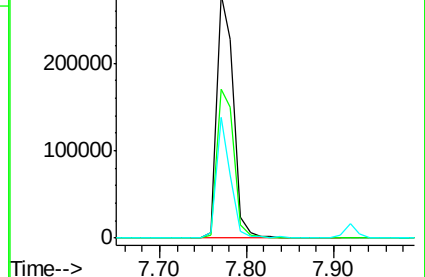
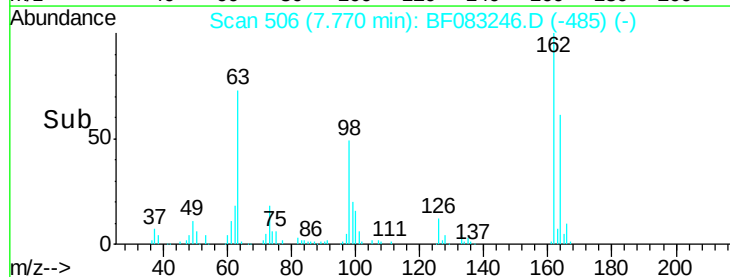
98 49.4 23.1 63.1

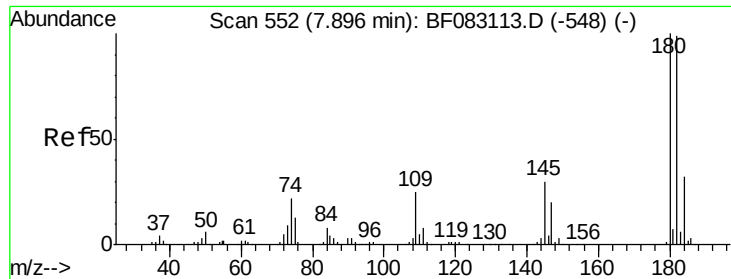


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

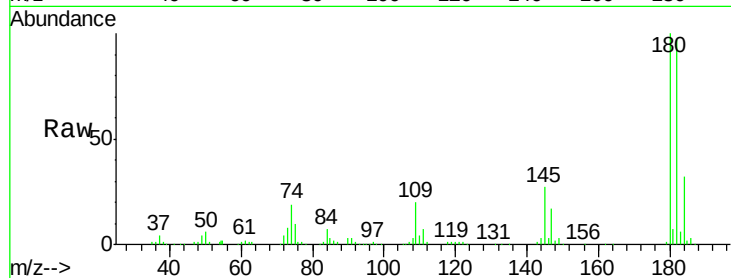




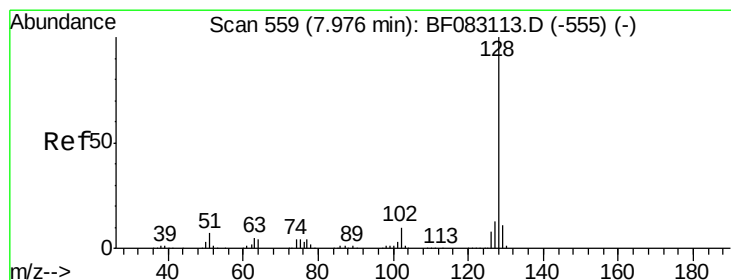
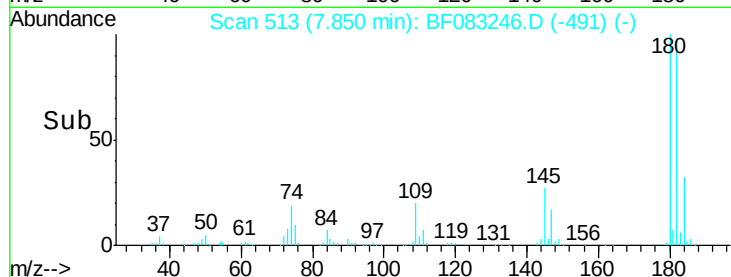
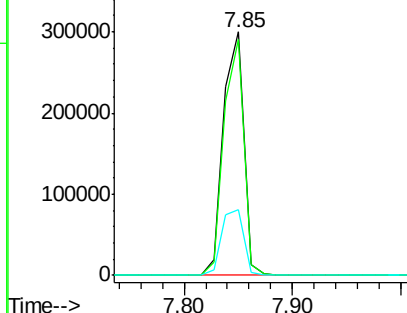
#30
 1,2,4-Trichlorobenzene
 Concen: 35.00 ng
 RT: 7.85 min Scan# 513
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Tgt Ion:180 Resp: 391452
 Ion Ratio Lower Upper
 180 100
 182 96.7 79.0 118.6
 145 26.9 24.2 36.2

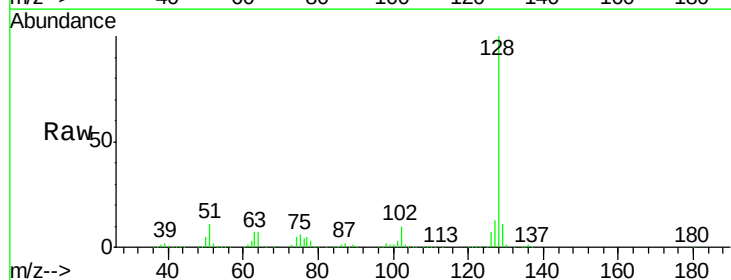


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

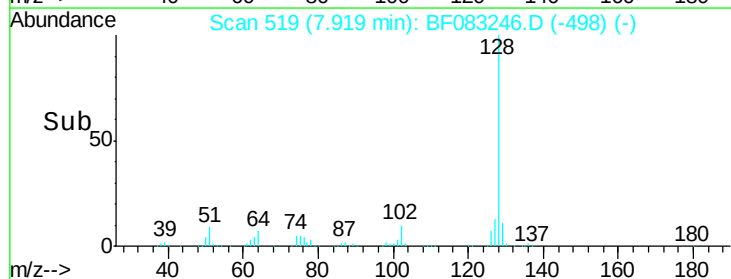
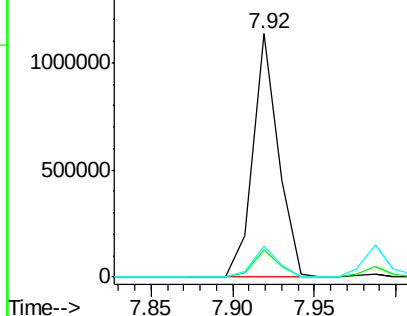


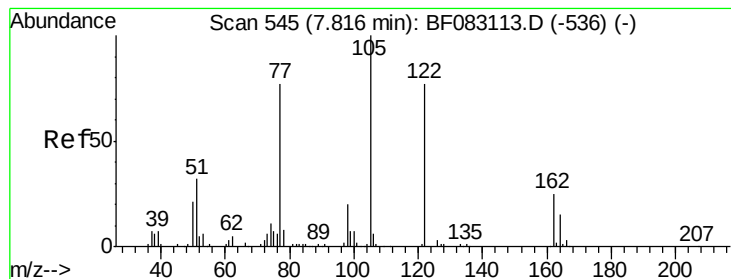
#31
 Naphthalene
 Concen: 35.24 ng
 RT: 7.92 min Scan# 519
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion:128 Resp: 1235813
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.4
 127 13.0 10.6 15.8



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: 30.16 ng

RT: 7.72 min Scan# 502

Delta R.T. -0.09 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

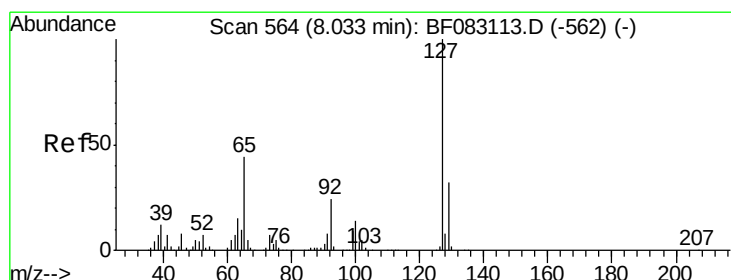
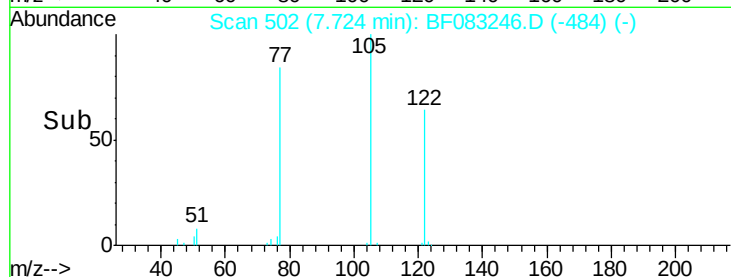
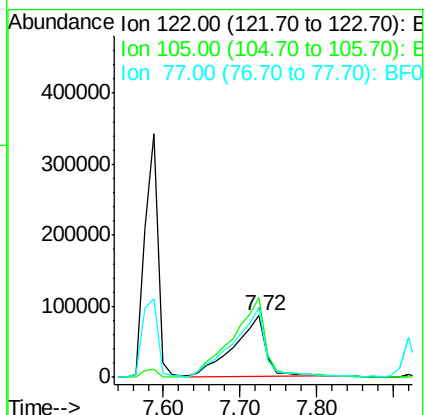
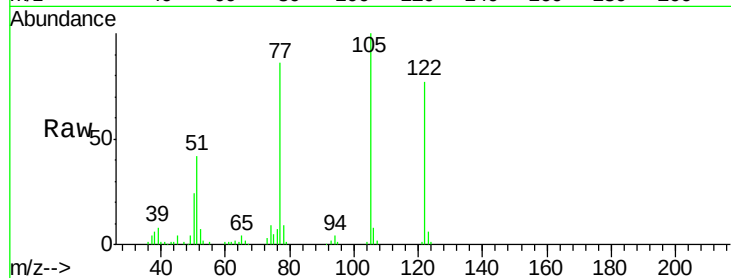
Tgt Ion:122 Resp: 250962

Ion Ratio Lower Upper

122 100

105 129.8 109.7 149.7

77 112.0 79.7 119.7



#33

4-Chloroaniline

Concen: 12.62 ng

RT: 7.99 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Tgt Ion:127 Resp: 171710

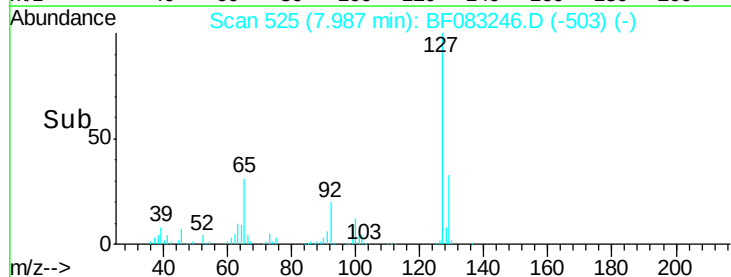
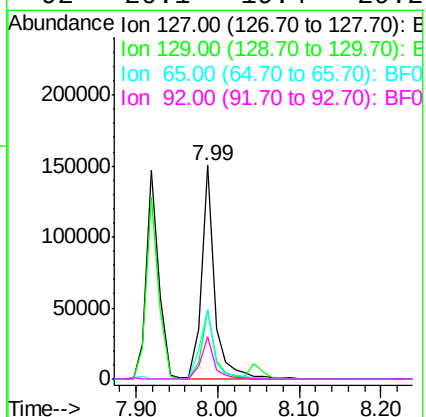
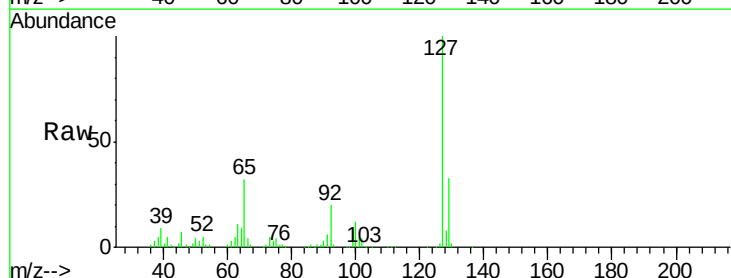
Ion Ratio Lower Upper

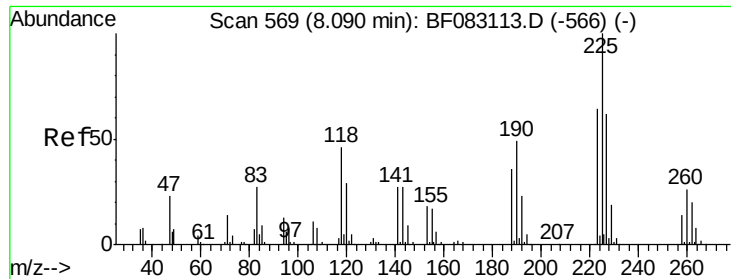
127 100

129 32.5 25.7 38.5

65 32.1 35.5 53.3#

92 20.1 19.4 29.2





#34

Hexachlorobutadiene

Concen: 33.17 ng

RT: 8.04 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

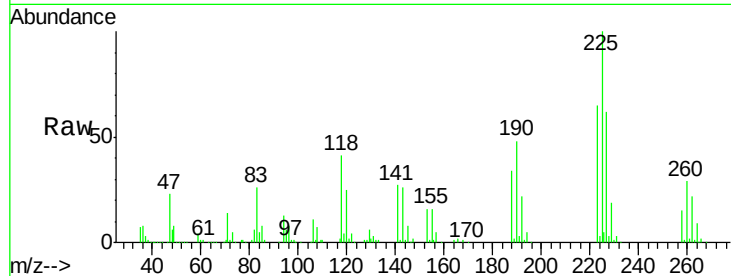
Tgt Ion: 225 Resp: 219234

Ion Ratio Lower Upper

225 100

223 64.6 51.3 76.9

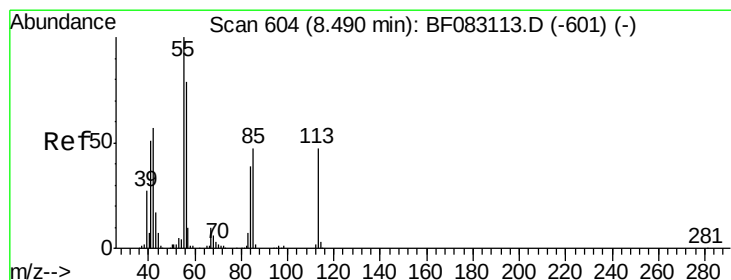
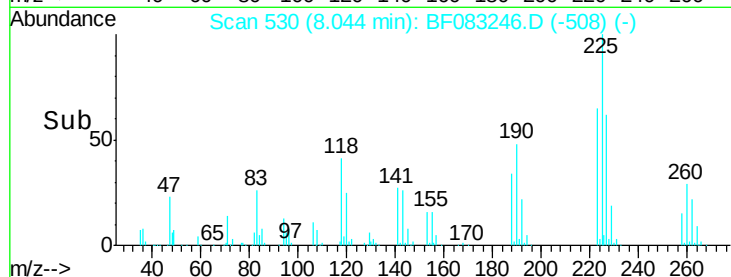
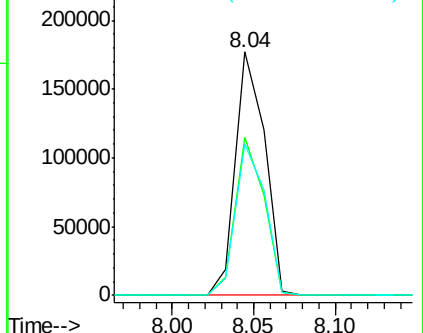
227 62.5 49.8 74.8



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: 3.86 ng

RT: 8.49 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

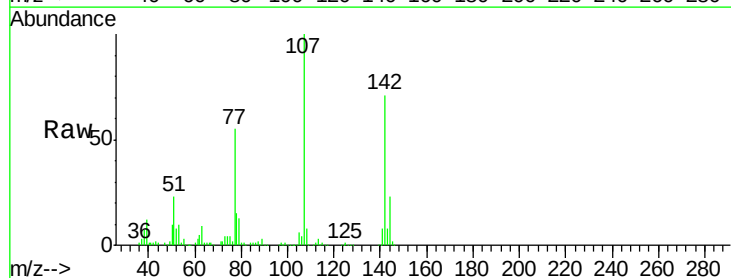
Tgt Ion: 113 Resp: 12593

Ion Ratio Lower Upper

113 100

55 99.4 192.6 232.6#

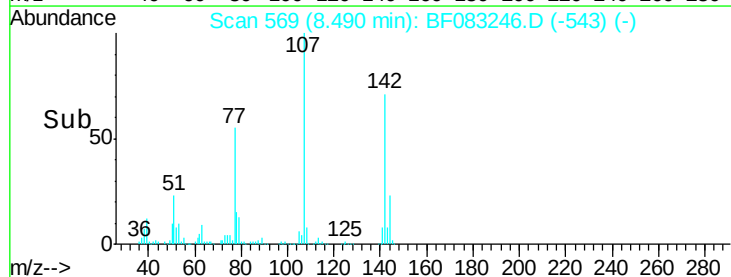
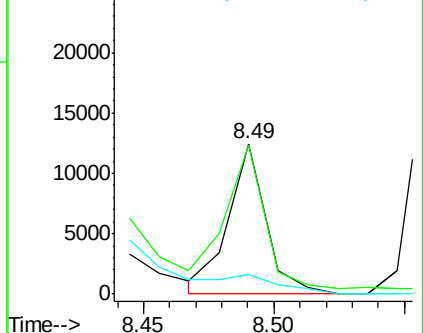
56 13.3 148.6 188.6#

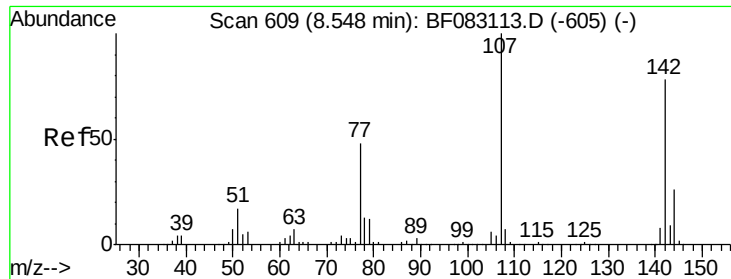


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

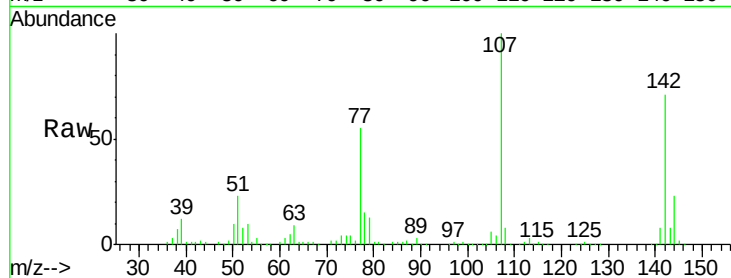




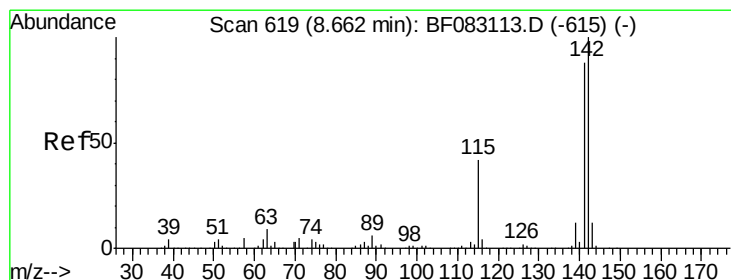
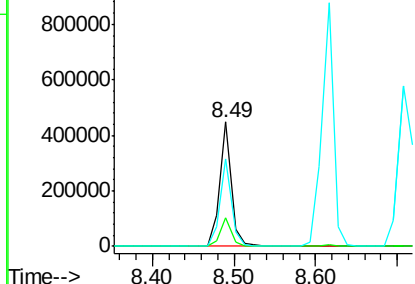
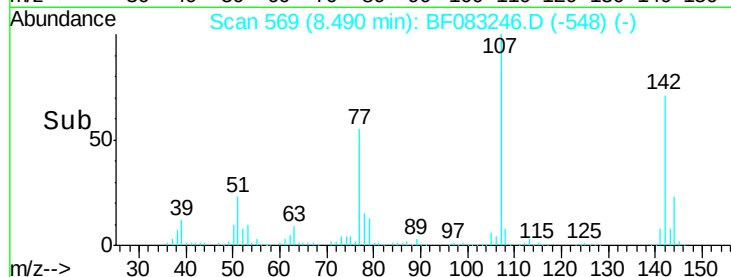
#36
 4-Chloro-3-methylphenol
 Concen: 37.42 ng
 RT: 8.49 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampled :
 PB86825BS

Tgt Ion:107 Resp: 441362
 Ion Ratio Lower Upper
 107 100
 144 23.0 20.8 31.2
 142 70.6 62.1 93.1

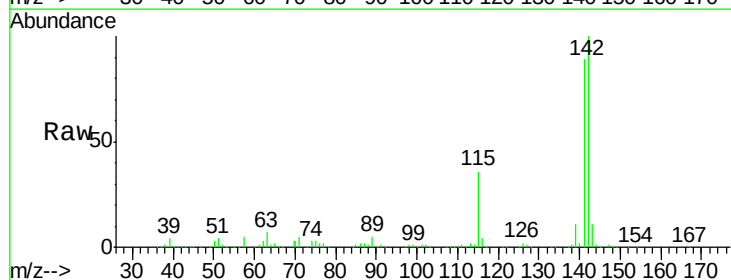


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

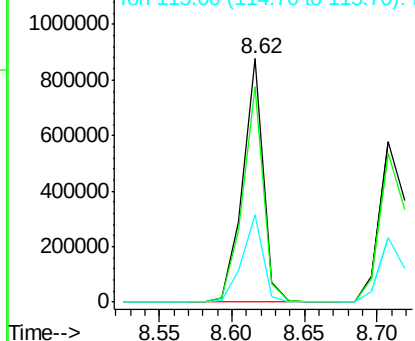
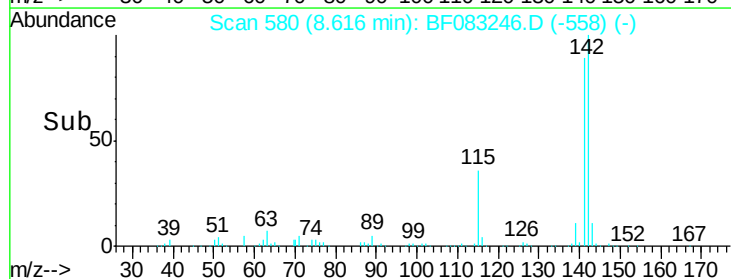


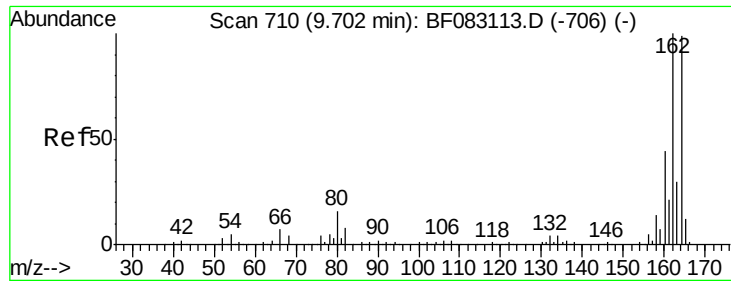
#37
 2-Methylnaphthalene
 Concen: 37.71 ng
 RT: 8.62 min Scan# 580
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion:142 Resp: 858335
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.3 105.5
 115 35.9 33.4 50.2



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

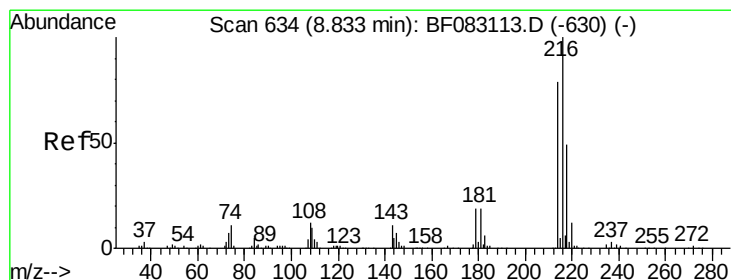
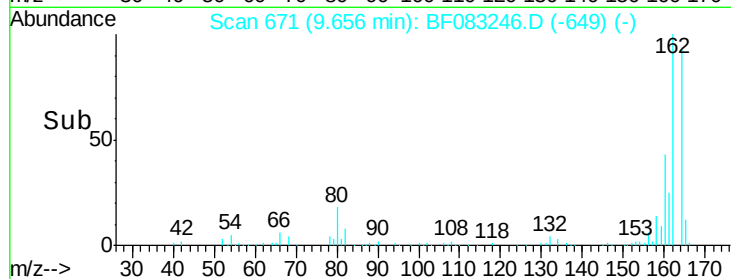
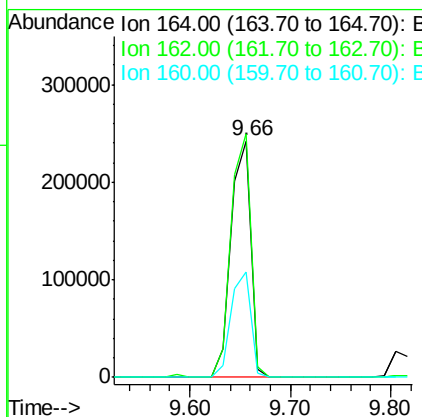
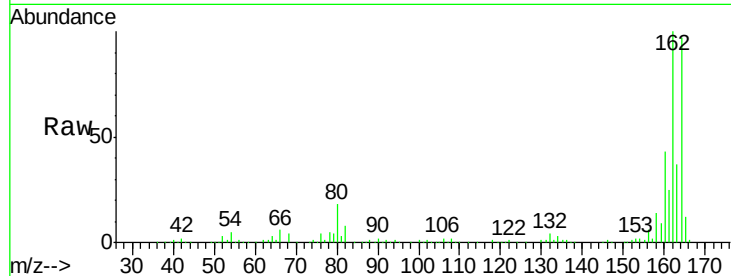




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 671
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

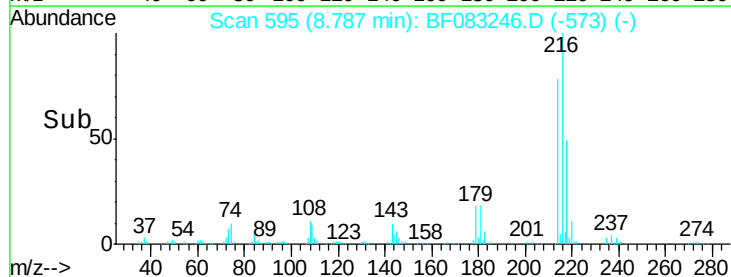
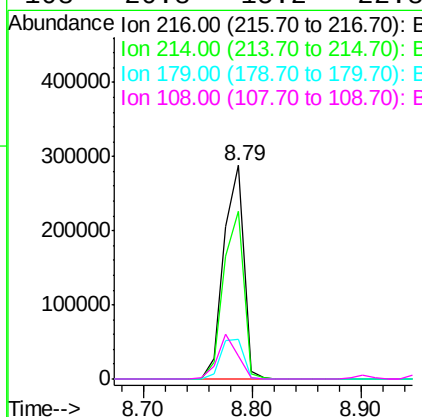
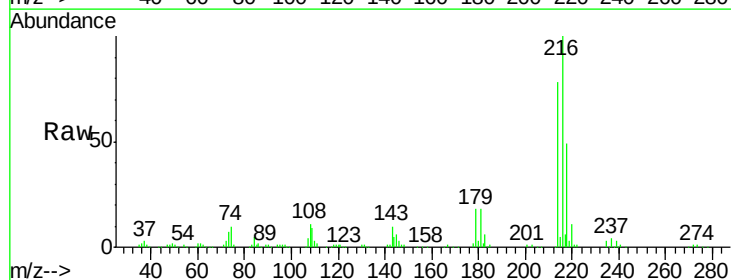
Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

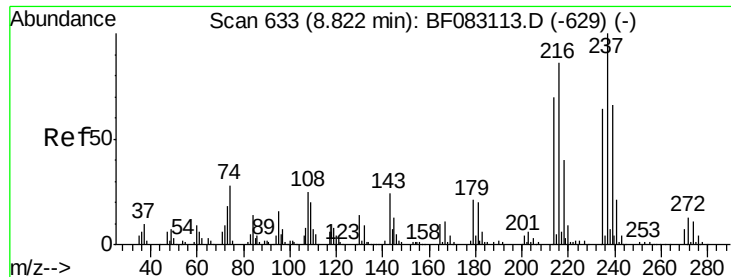
Tgt Ion:164 Resp: 331371
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.2 121.8
 160 44.4 35.6 53.4



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.11 ng
 RT: 8.79 min Scan# 595
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion:216 Resp: 366307
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.8 95.8
 179 21.3 17.0 25.6
 108 20.8 15.2 22.8

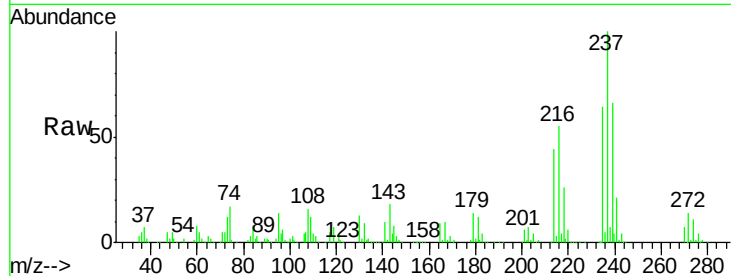




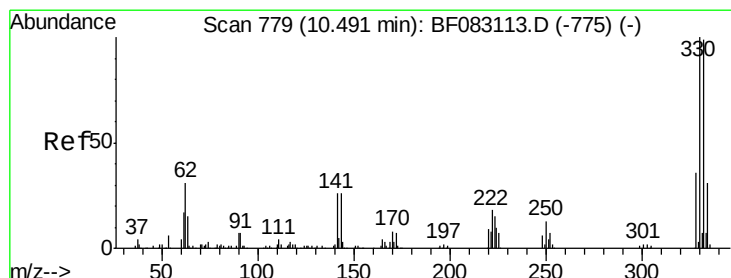
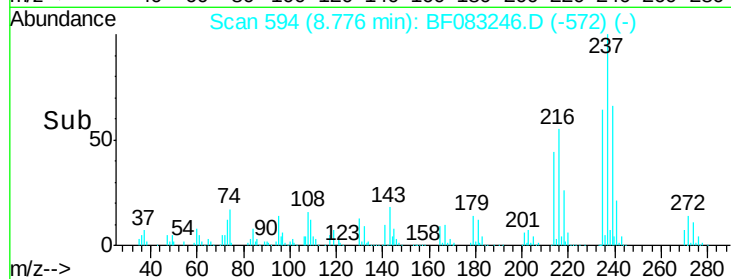
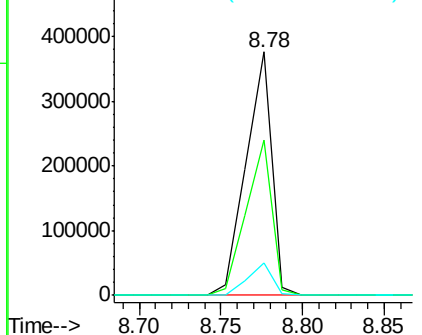
#40
Hexachlorocyclopentadiene
Concen: 67.41 ng
RT: 8.78 min Scan# 594
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion: 237 Resp: 411694
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 13.6 0.0 33.1

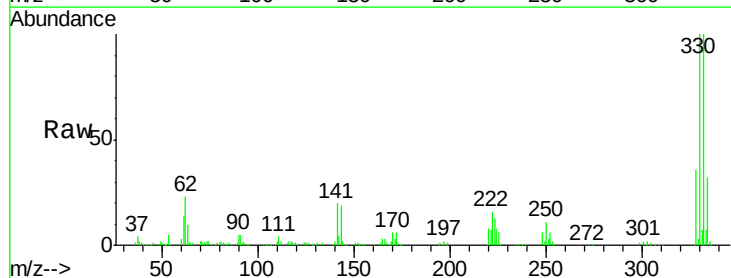


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

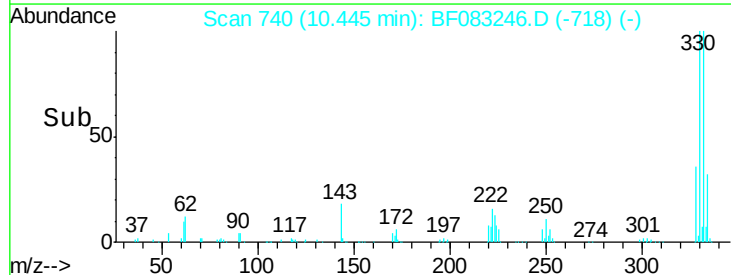
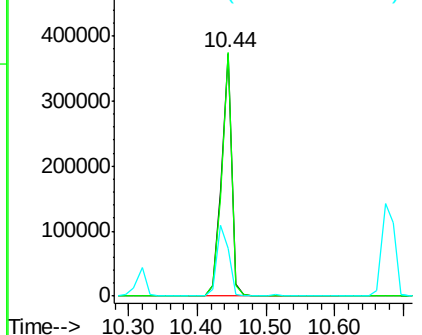


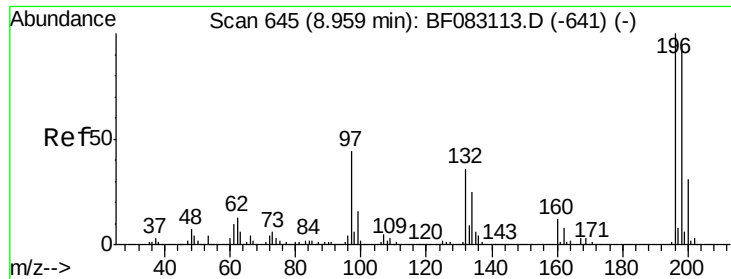
#41
2,4,6-Tribromophenol
Concen: 117.18 ng
RT: 10.44 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion: 330 Resp: 397244
Ion Ratio Lower Upper
330 100
332 97.6 77.7 116.5
141 34.4 29.7 44.5



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

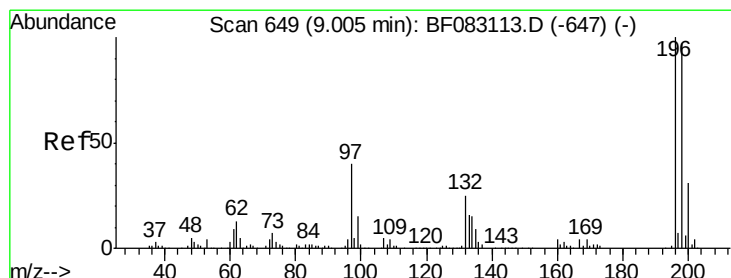
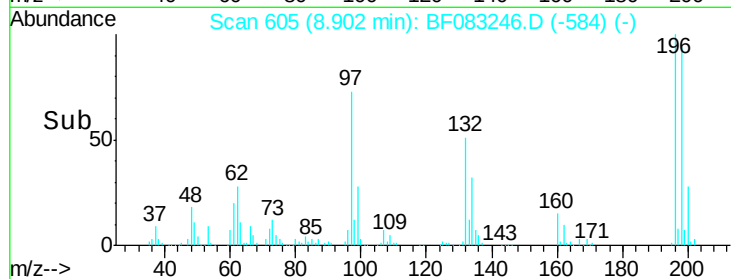
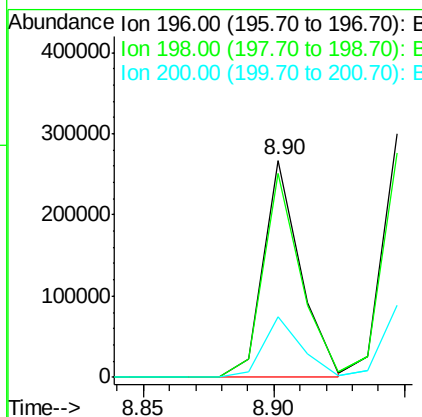
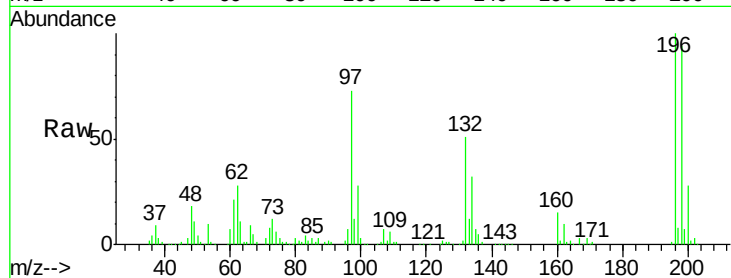




#42
 2,4,6-Trichlorophenol
 Concen: 34.58 ng
 RT: 8.90 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

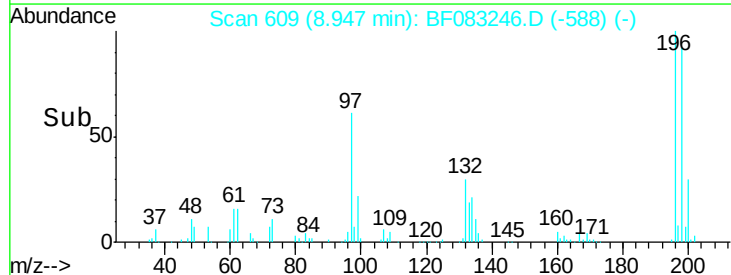
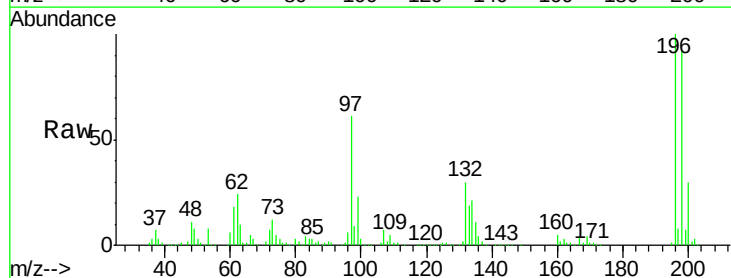
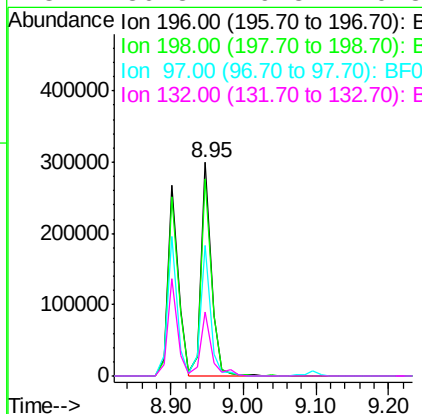
Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

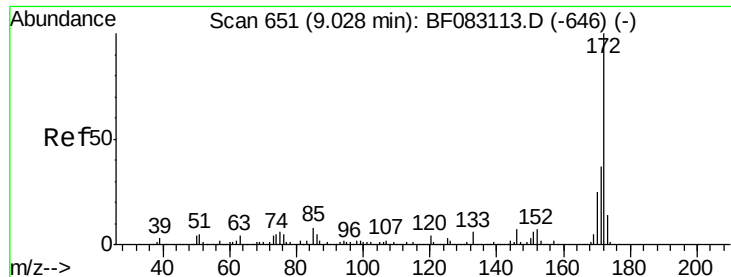
Tgt Ion:196 Resp: 265966
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.9 113.9
 200 27.9 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 37.77 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion:196 Resp: 297021
 Ion Ratio Lower Upper
 196 100
 198 92.3 77.6 116.4
 97 61.0 32.6 48.8#
 132 30.3 19.8 29.8#

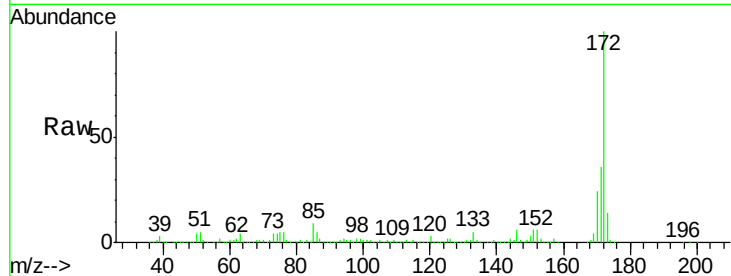




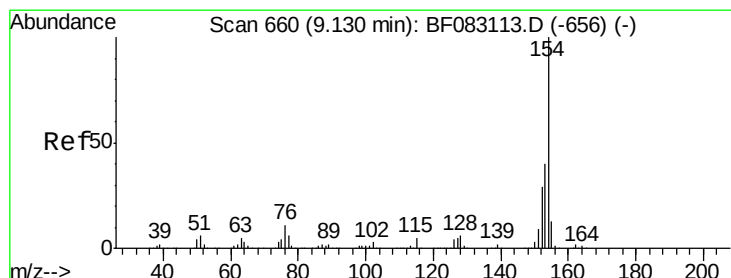
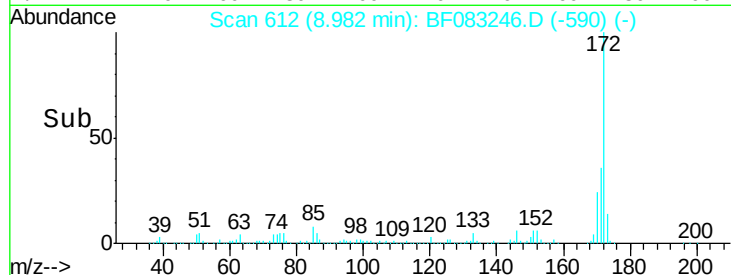
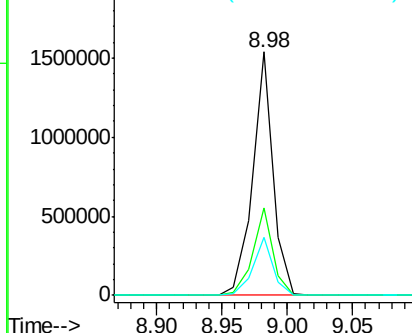
#44
 2-Fluorobiphenyl
 Concen: 70.57 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Tgt Ion:172 Resp: 1676914
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.5 44.3
 170 24.1 19.9 29.9

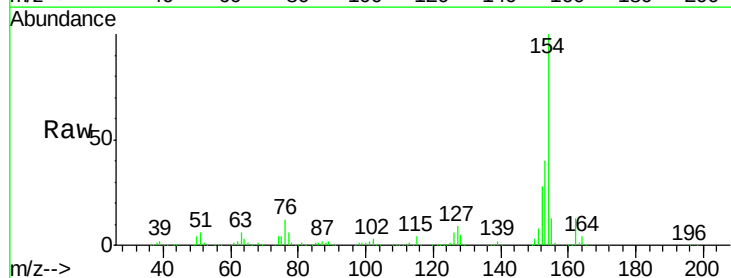


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

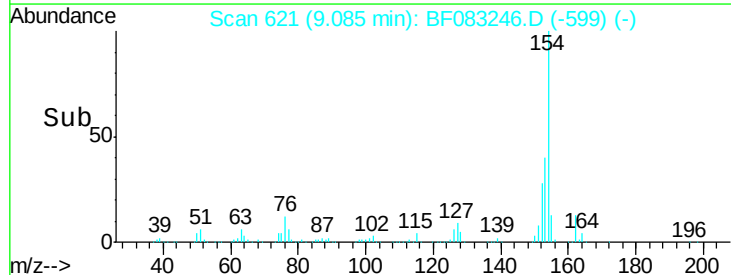
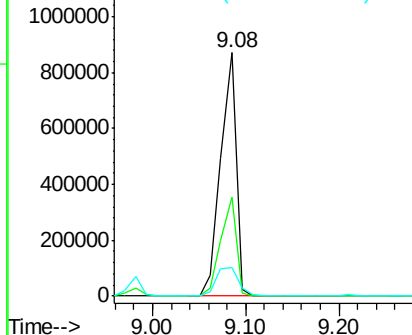


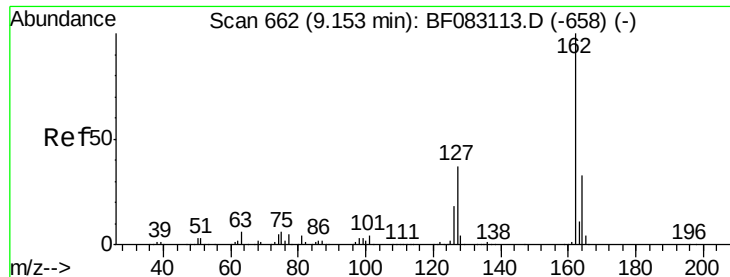
#45
 1,1'-Biphenyl
 Concen: 35.72 ng
 RT: 9.08 min Scan# 621
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion:154 Resp: 1007391
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.5 60.5
 76 11.8 0.0 31.2



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

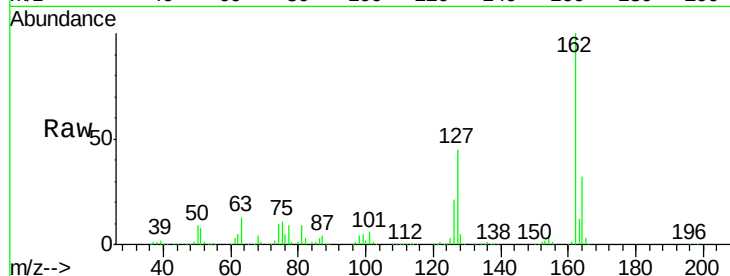




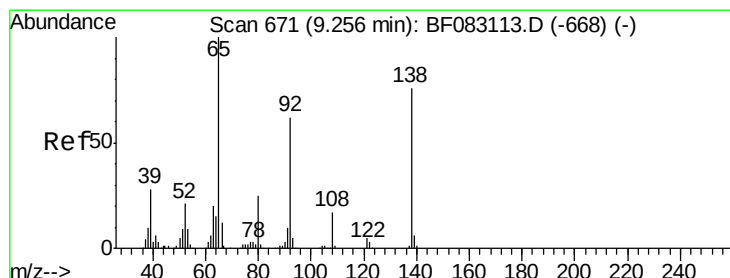
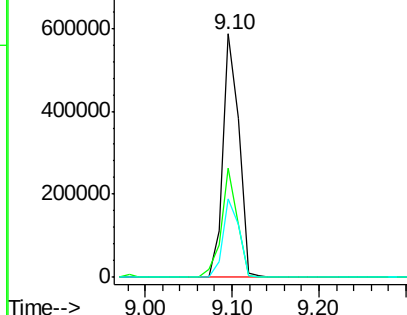
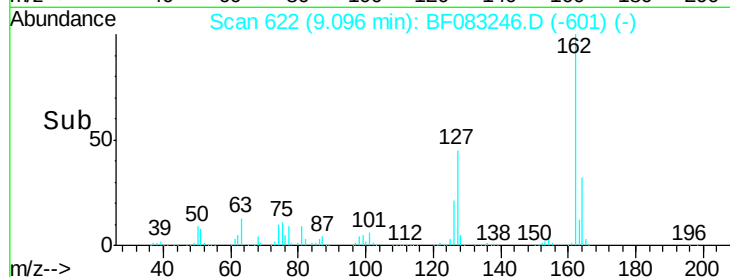
#46
 2-Chloronaphthalene
 Concen: 34.12 ng
 RT: 9.10 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.8	29.4	44.2#
164	32.3	26.2	39.4

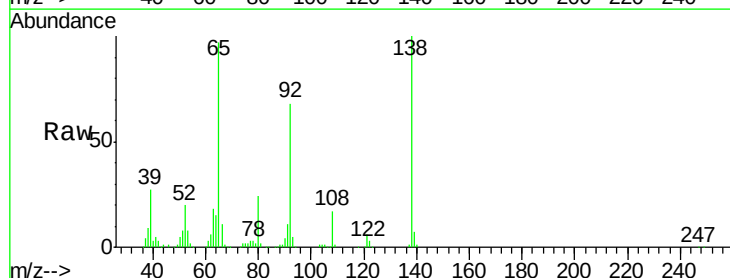


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

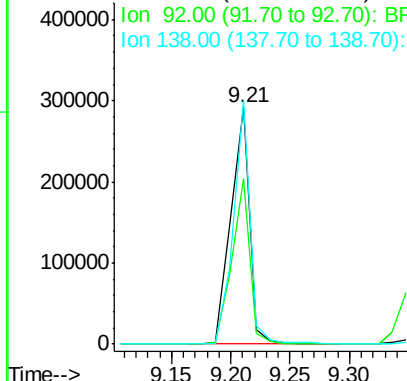
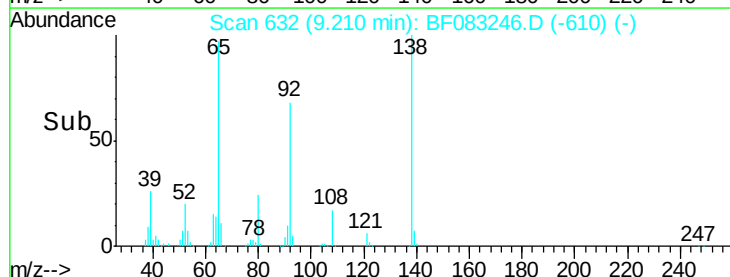


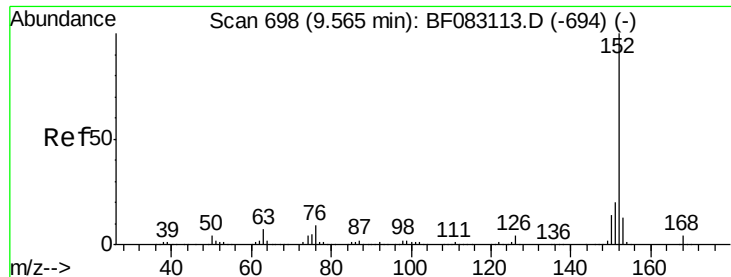
#47
 2-Nitroaniline
 Concen: 40.68 ng
 RT: 9.21 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	49.5	74.3
138	102.9	60.7	91.1#



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: 36.19 ng

RT: 9.51 min Scan# 658

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

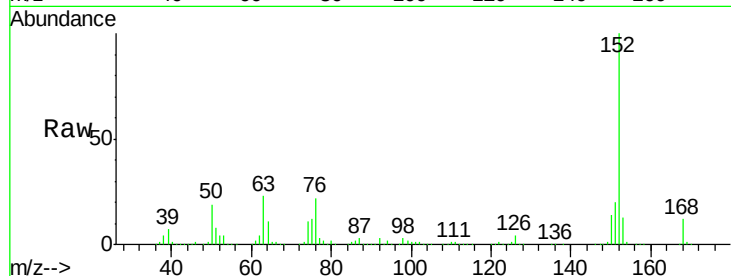
Tgt Ion:152 Resp: 1242455

Ion Ratio Lower Upper

152 100

151 19.7 16.3 24.5

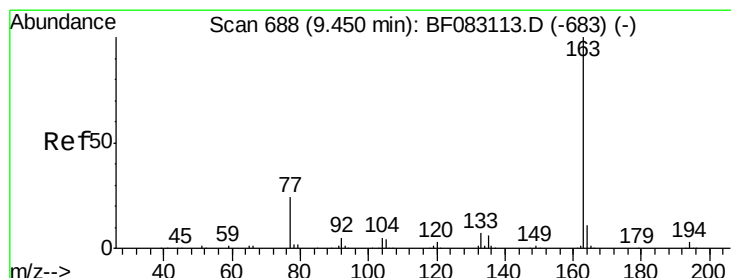
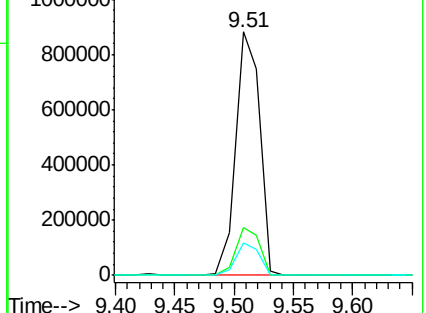
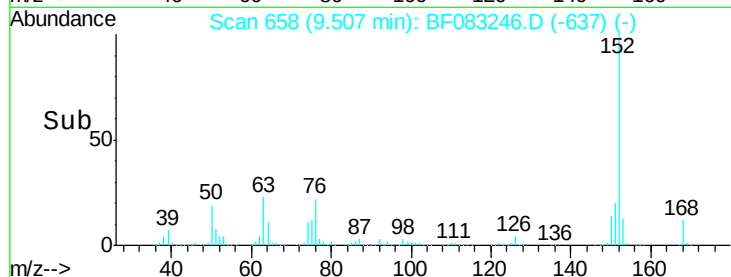
153 13.4 10.8 16.2



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: 37.31 ng

RT: 9.39 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

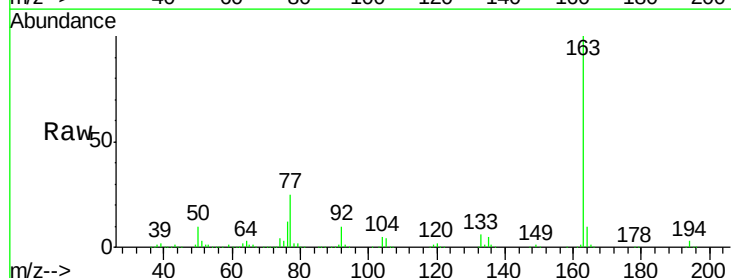
Tgt Ion:163 Resp: 951869

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

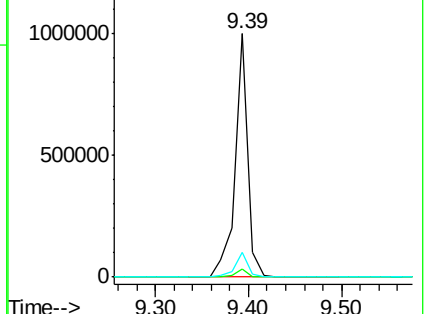
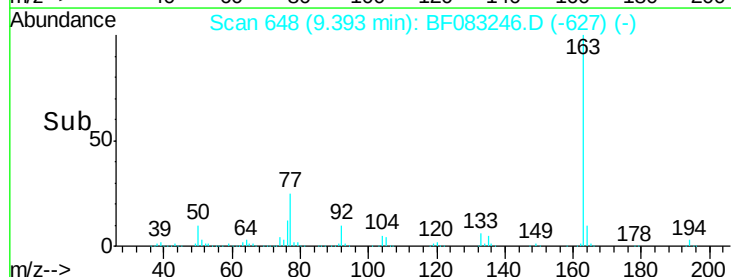
164 10.4 8.6 12.8

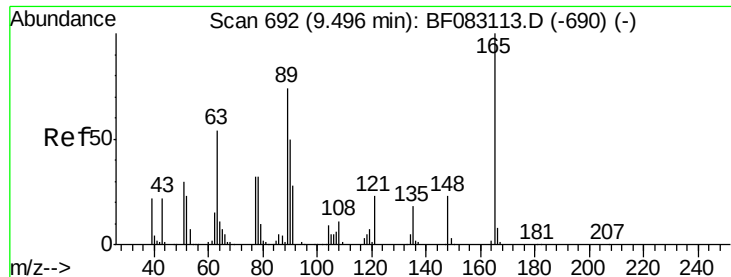


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

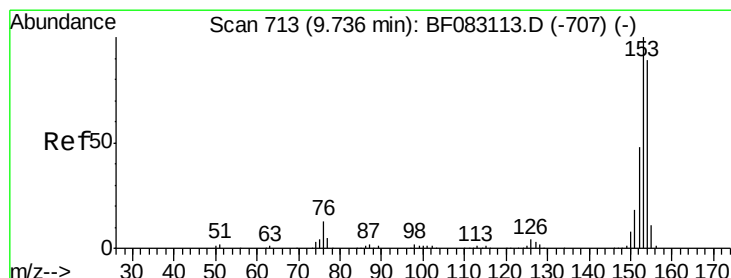
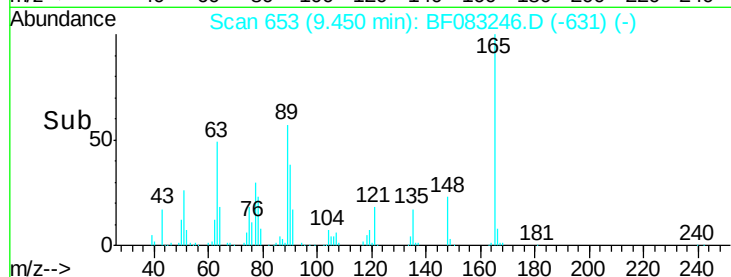
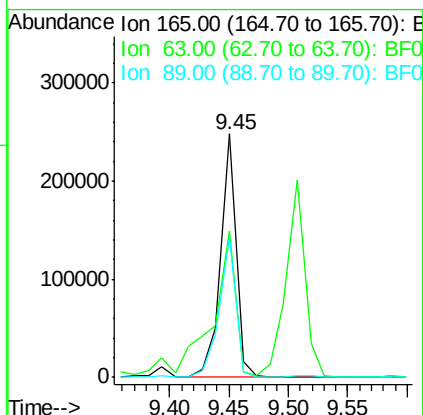
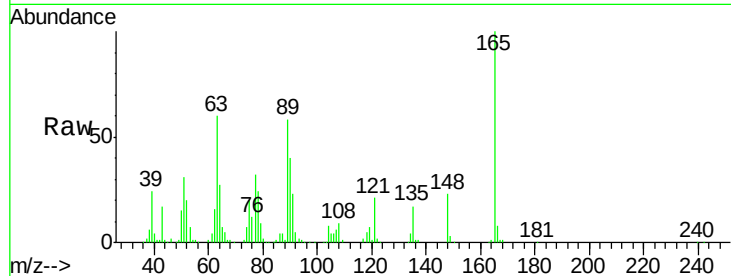




#50
2,6-Dinitrotoluene
Concen: 39.02 ng
RT: 9.45 min Scan# 653
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

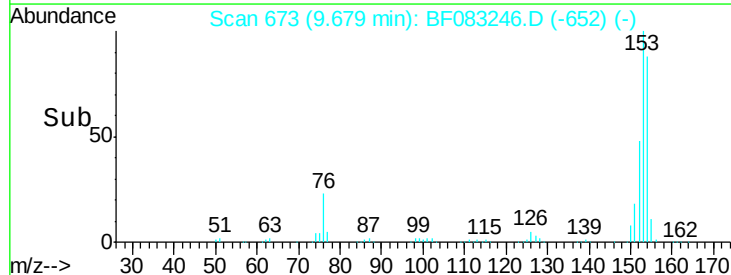
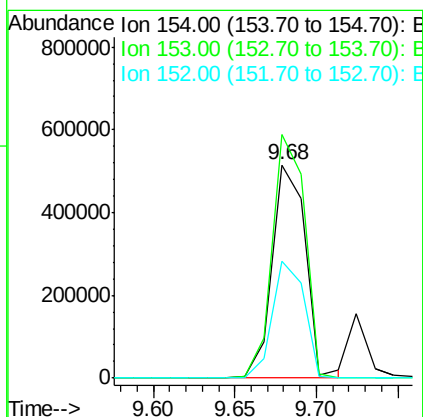
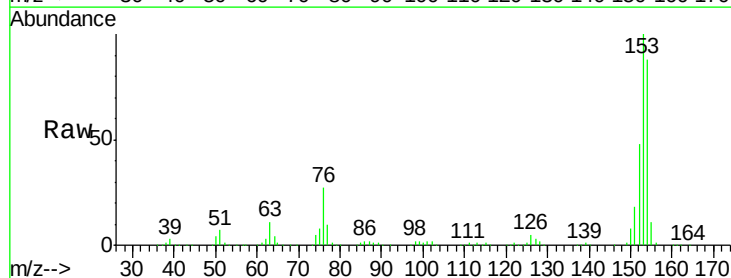
Instrument :
BNA_F
ClientSampleId :
PB86825BS

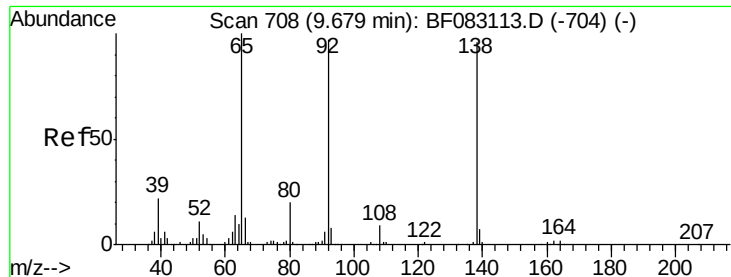
Tgt Ion:165 Resp: 223348
Ion Ratio Lower Upper
165 100
63 60.3 62.5 93.7#
89 57.7 59.1 88.7#



#51
Acenaphthene
Concen: 35.13 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion:154 Resp: 733924
Ion Ratio Lower Upper
154 100
153 114.2 89.6 134.4
152 54.6 43.3 64.9





#52

3-Nitroaniline

Concen: 18.99 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

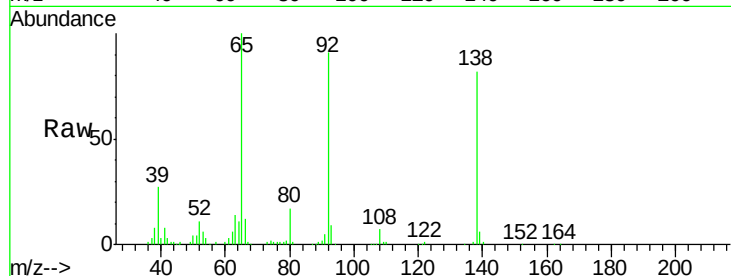
Tgt Ion:138 Resp: 115913

Ion Ratio Lower Upper

138 100

108 8.4 7.8 11.6

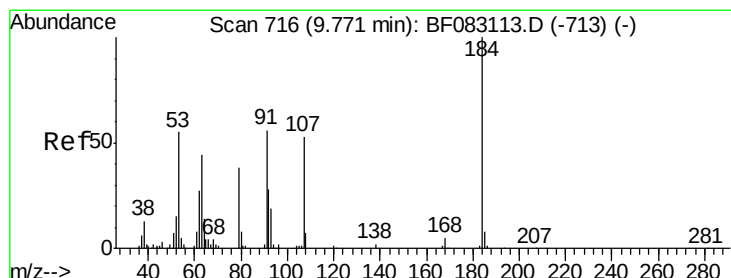
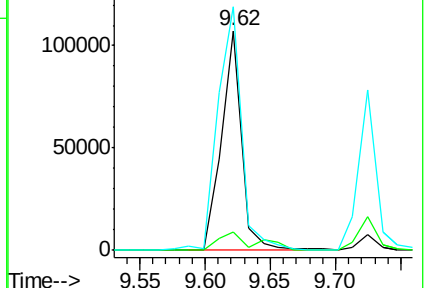
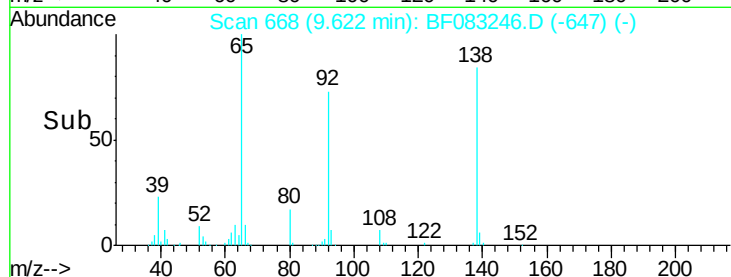
92 110.8 81.1 121.7



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: 72.84 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

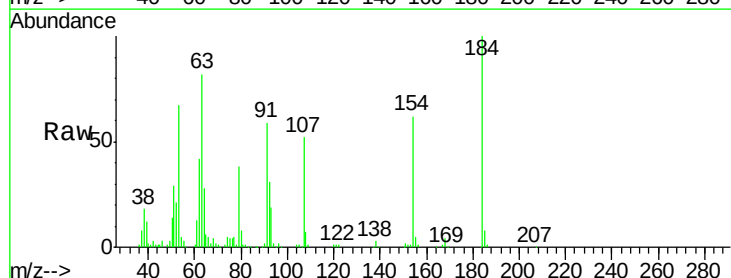
Tgt Ion:184 Resp: 240228

Ion Ratio Lower Upper

184 100

63 81.8 60.5 90.7

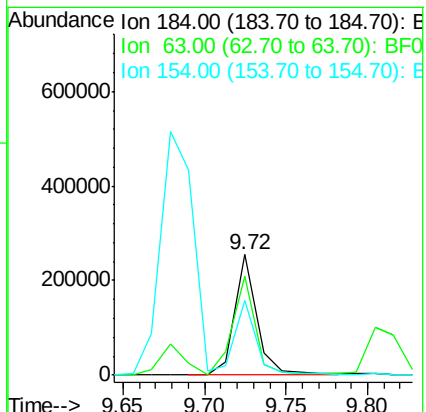
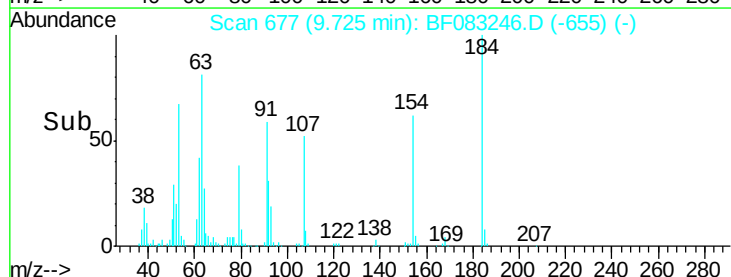
154 61.7 54.3 81.5

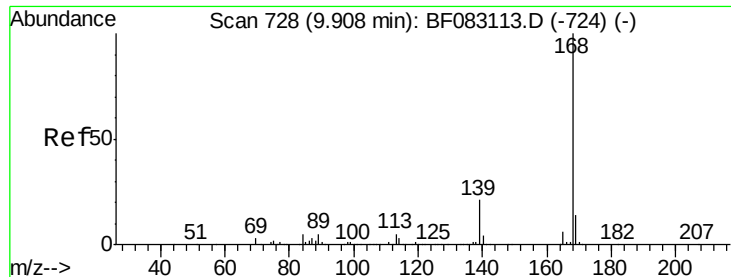


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 38.86 ng

RT: 9.86 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

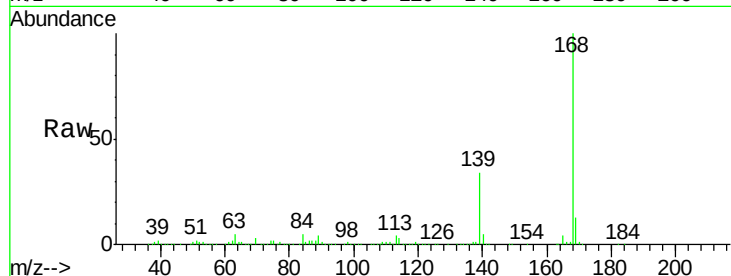
Tgt Ion:168 Resp: 1148168

Ion Ratio Lower Upper

168 100

139 33.8 30.2 45.2

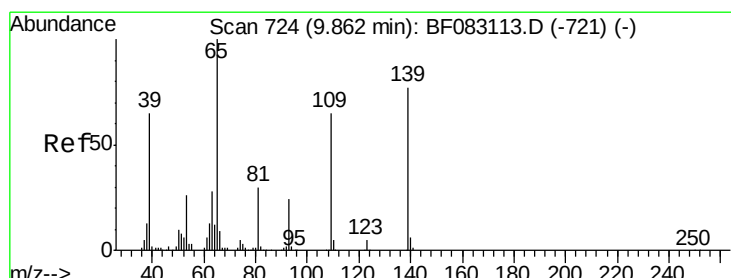
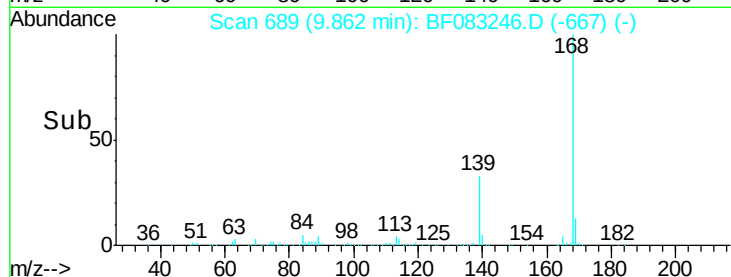
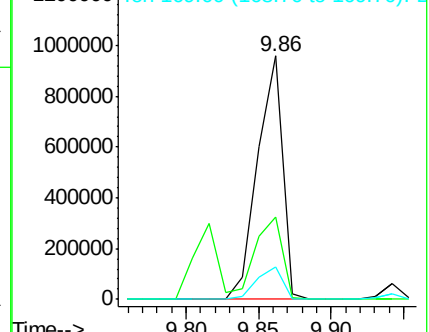
169 13.4 10.9 16.3



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: 72.10 ng

RT: 9.82 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

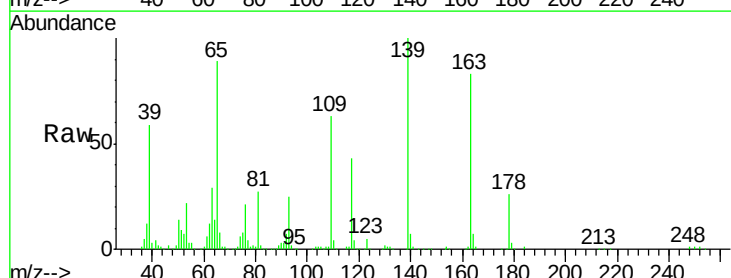
Tgt Ion:139 Resp: 337444

Ion Ratio Lower Upper

139 100

109 63.3 64.0 104.0#

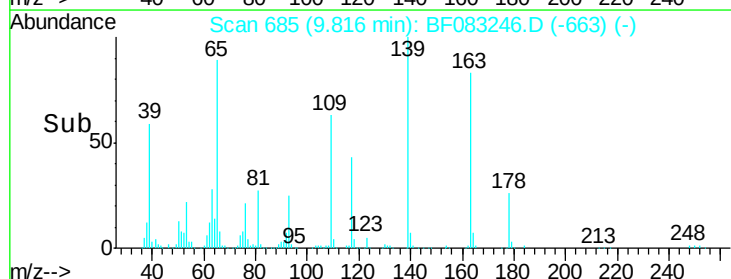
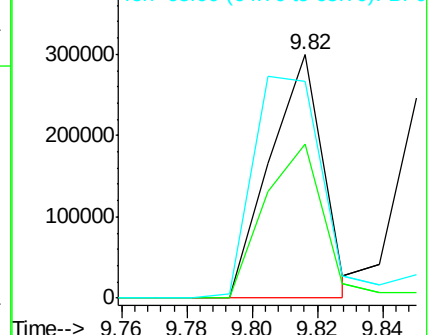
65 88.8 109.5 149.5#

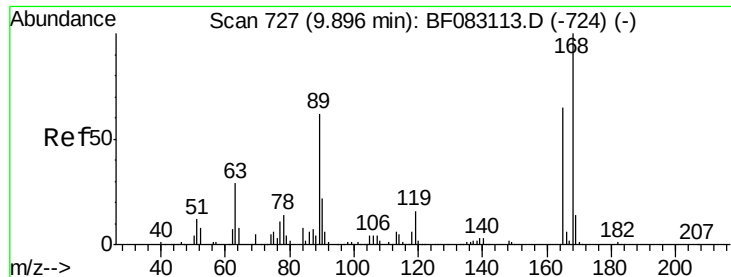


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

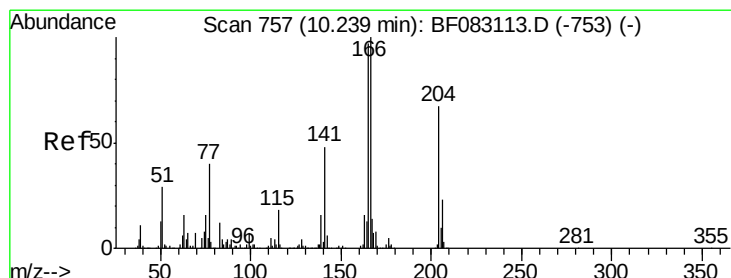
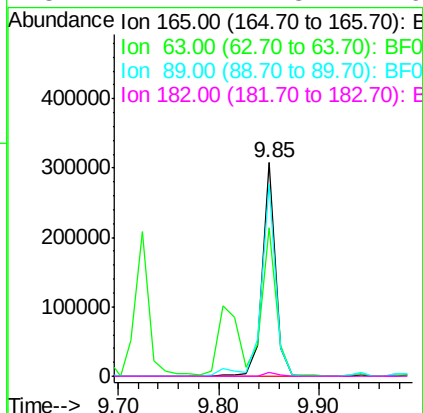
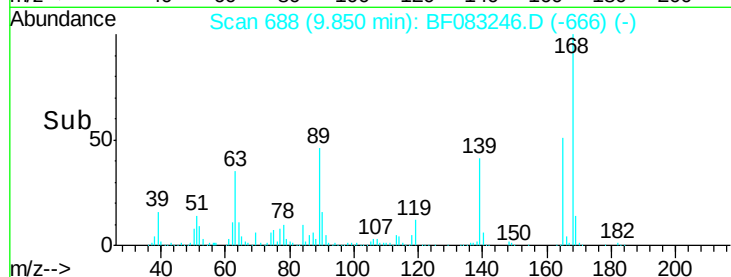
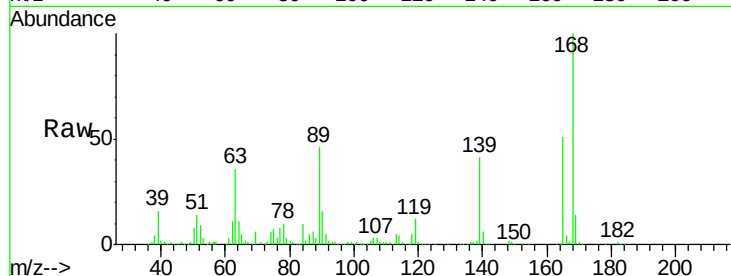




#56
2,4-Dinitrotoluene
Concen: 38.33 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

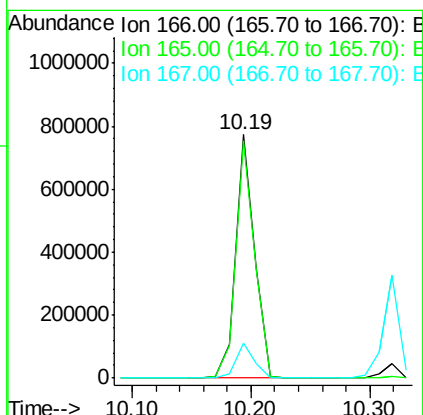
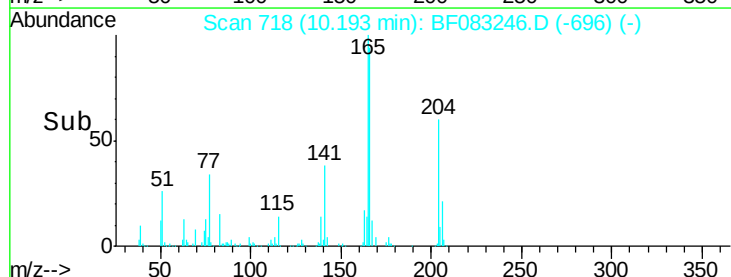
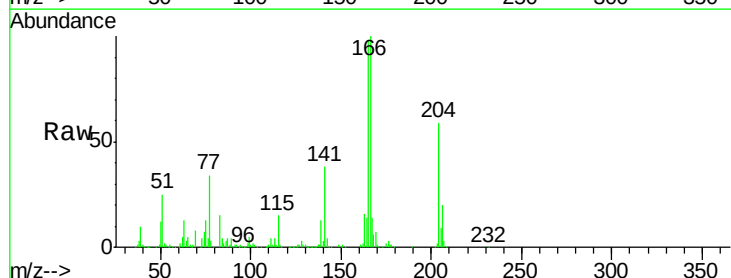
Instrument :
BNA_F
ClientSampleId :
PB86825BS

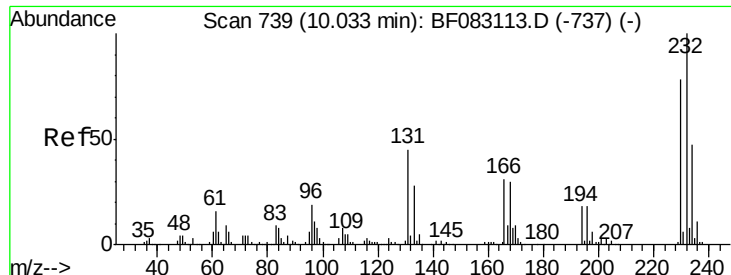
Tgt Ion:	165	Resp:	278035
Ion	Ratio	Lower	Upper
165	100		
63	69.6	54.5	81.7
89	89.9	77.3	115.9
182	2.1	1.8	2.6



#57
Fluorene
Concen: 34.93 ng
RT: 10.19 min Scan# 718
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion:	166	Resp:	852897
Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.0	117.0
167	14.1	11.3	16.9

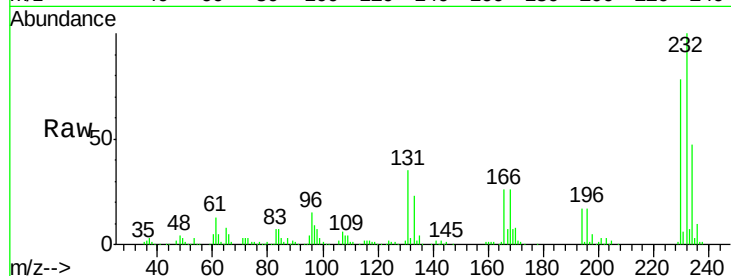




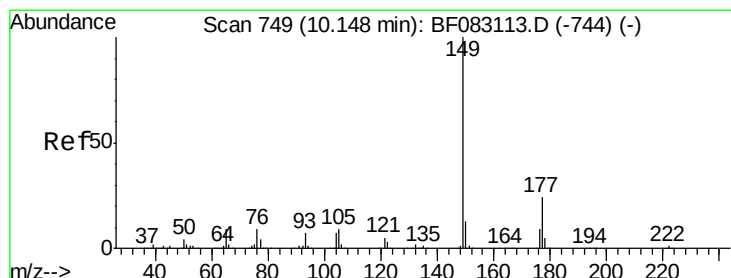
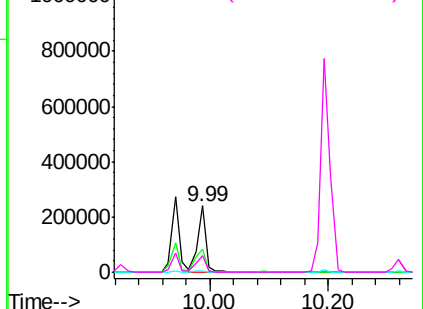
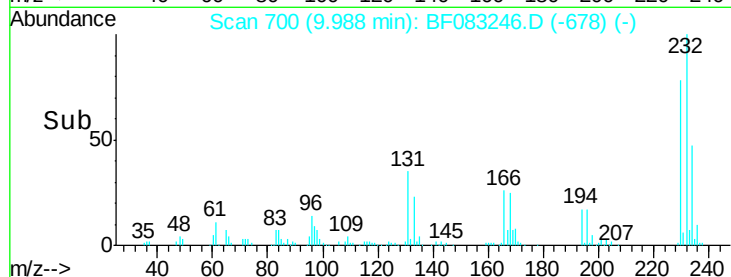
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.57 ng
 RT: 9.99 min Scan# 700
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Tgt Ion:	232	Resp:	242415
Ion	Ratio	Lower	Upper
232	100		
131	42.7	38.6	57.8
130	2.0	1.9	2.9
166	29.3	25.4	38.0

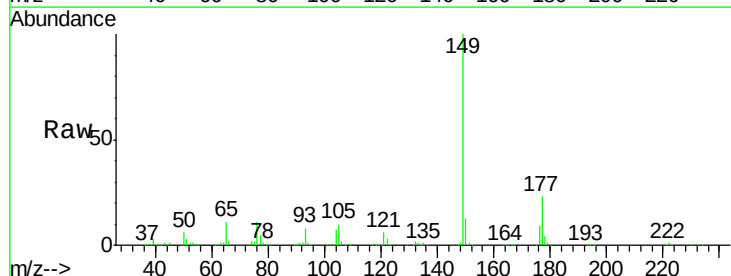


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

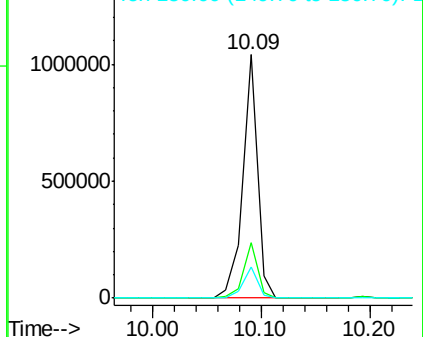
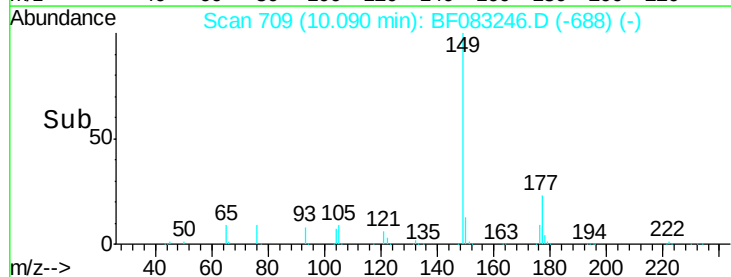


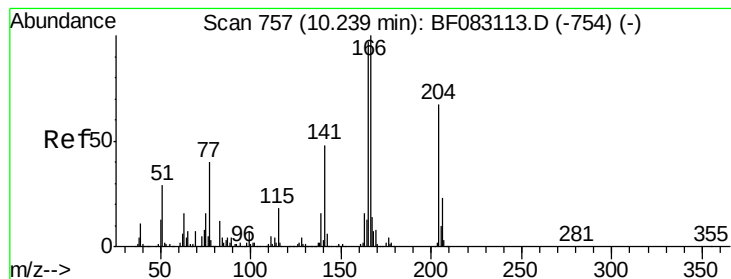
#59
 Diethylphthalate
 Concen: 37.82 ng
 RT: 10.09 min Scan# 709
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion:	149	Resp:	960407
Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.4	29.2
150	12.8	10.2	15.2



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: 36.79 ng

RT: 10.19 min Scan# 718

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

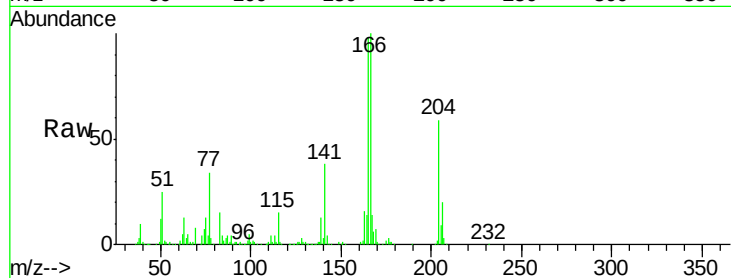
Tgt Ion:204 Resp: 411437

Ion Ratio Lower Upper

204 100

206 34.2 27.4 41.0

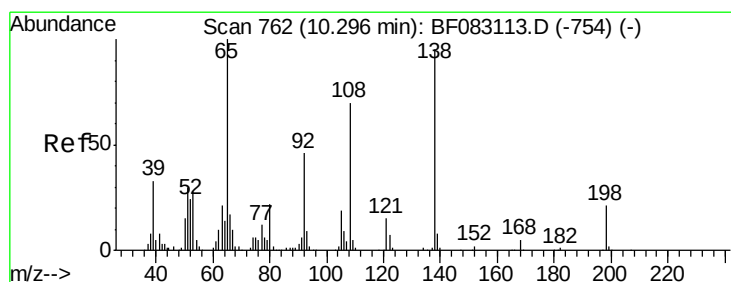
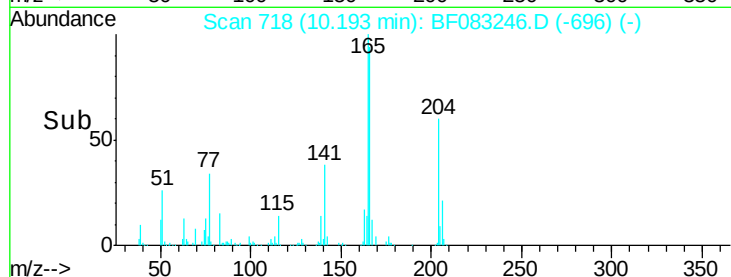
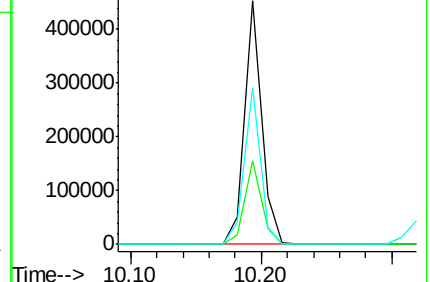
141 64.6 57.4 86.2



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: 37.61 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

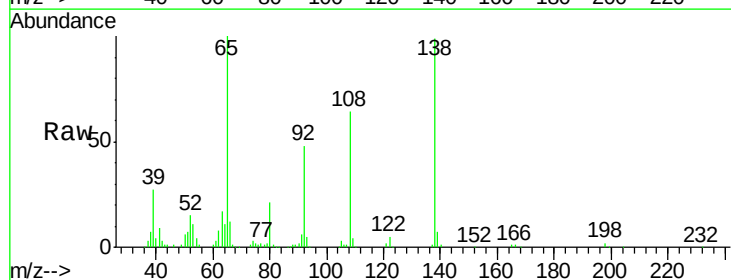
Tgt Ion:138 Resp: 225991

Ion Ratio Lower Upper

138 100

92 48.7 28.4 68.4

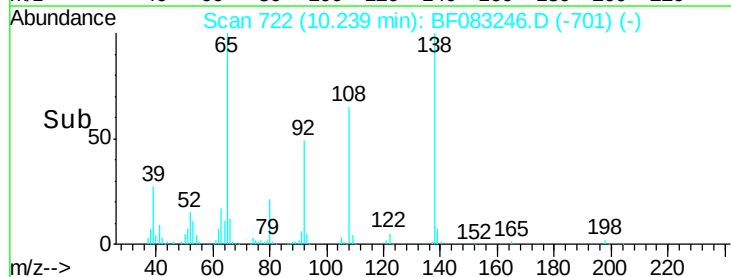
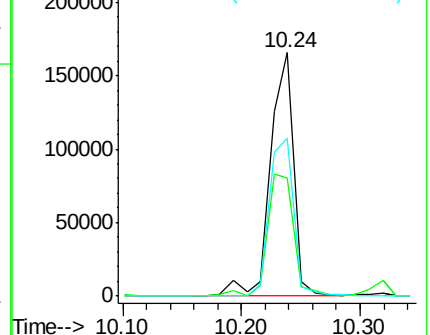
108 65.0 53.5 93.5

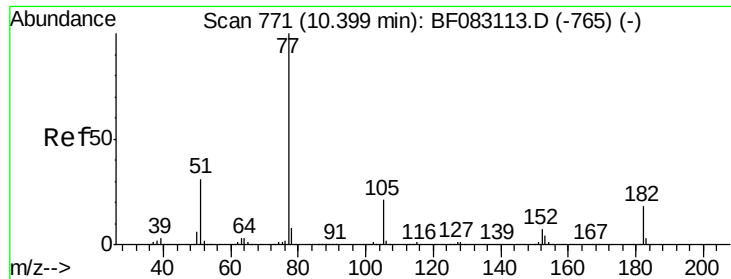


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 40.64 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

Tgt Ion: 77 Resp: 1177926

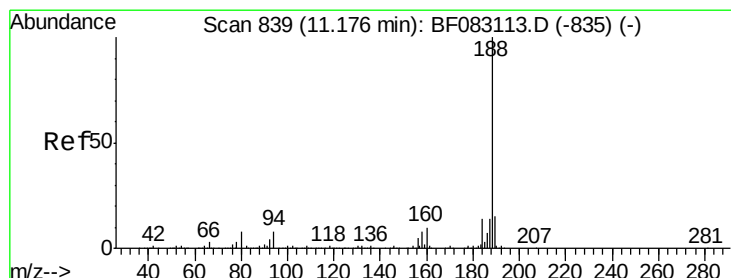
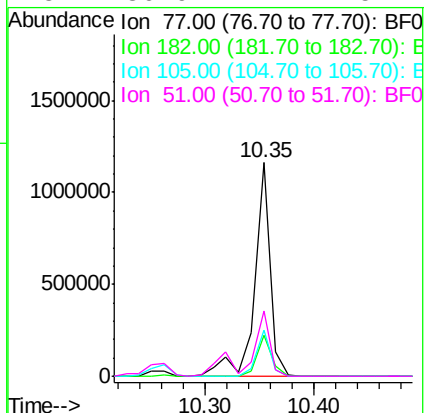
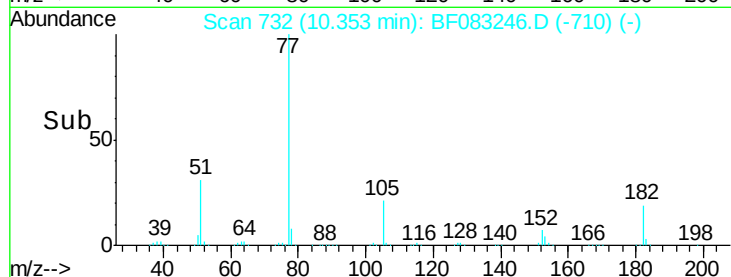
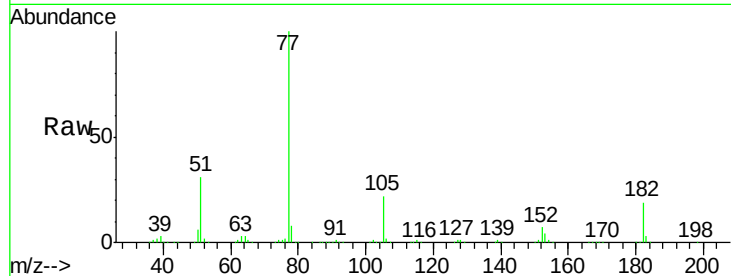
Ion Ratio Lower Upper

77 100

182 19.1 0.0 38.3

105 21.8 1.2 41.2

51 30.9 11.1 51.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 800

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

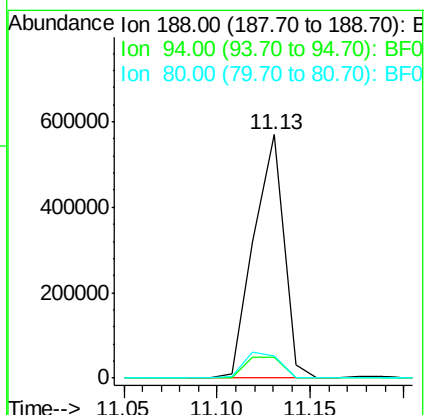
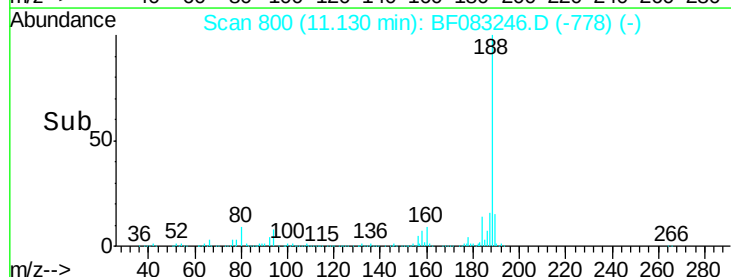
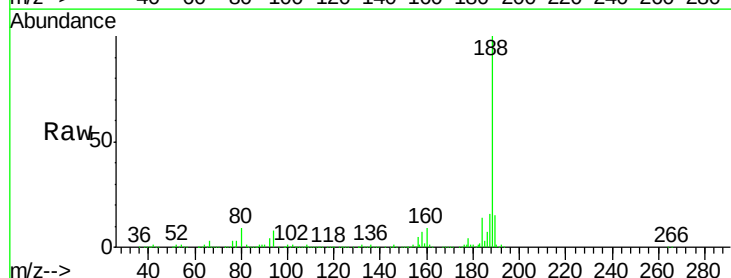
Tgt Ion: 188 Resp: 639339

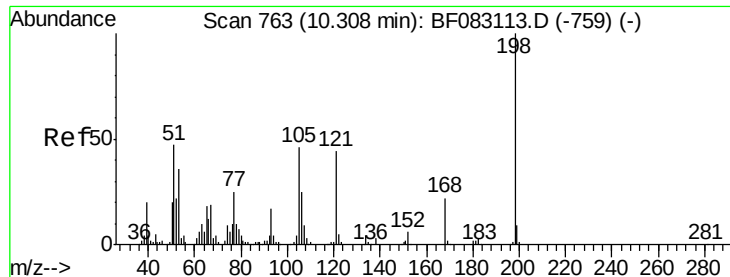
Ion Ratio Lower Upper

188 100

94 8.4 6.0 9.0

80 9.1 6.7 10.1





#64

4,6-Dinitro-2-methylphenol

Concen: 38.15 ng

RT: 10.26 min Scan# 724

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

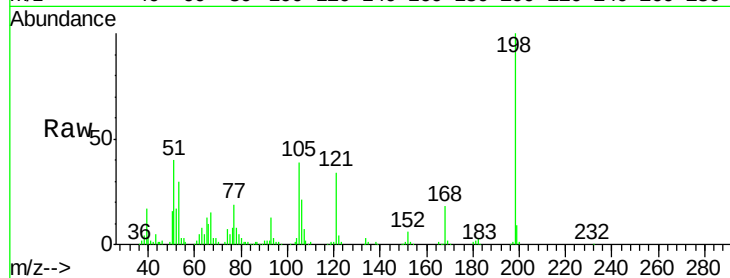
Tgt Ion:198 Resp: 168053

Ion Ratio Lower Upper

198 100

51 39.7 27.0 67.0

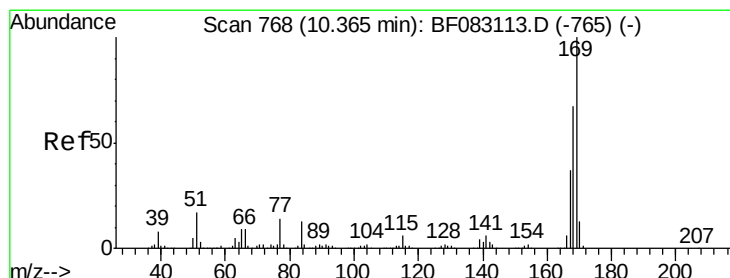
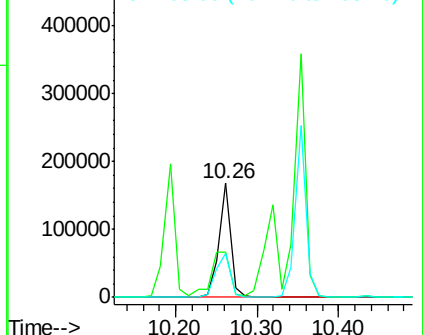
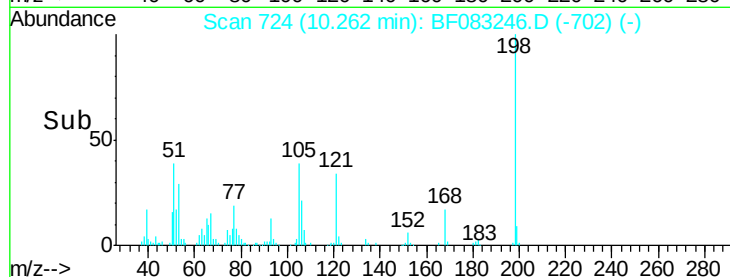
105 39.1 26.1 66.1



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: 38.14 ng

RT: 10.32 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

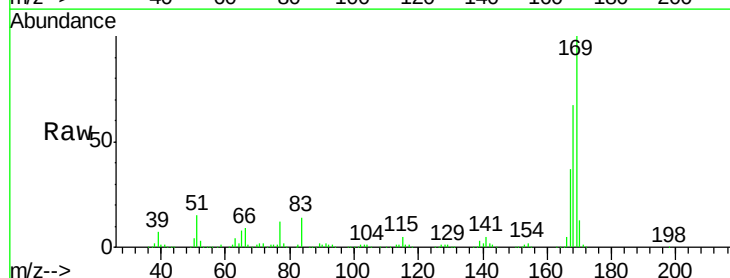
Tgt Ion:169 Resp: 829393

Ion Ratio Lower Upper

169 100

168 67.0 53.8 80.6

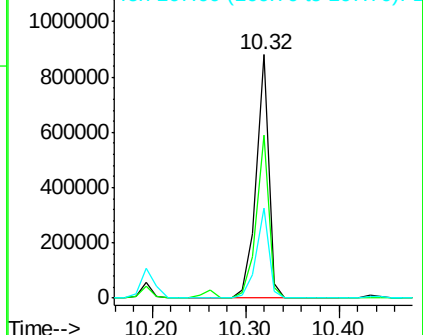
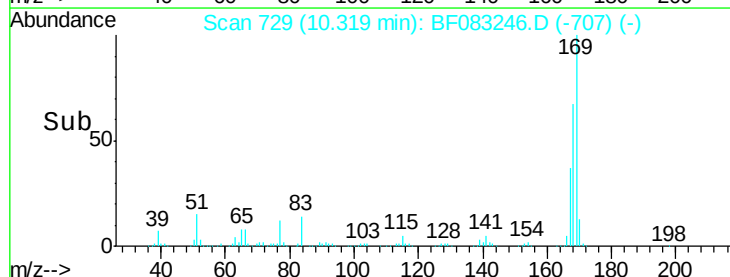
167 36.9 29.8 44.8

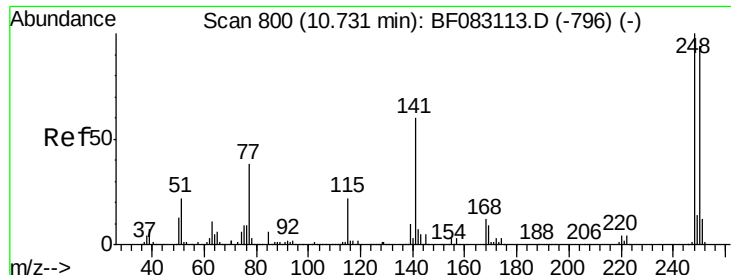


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

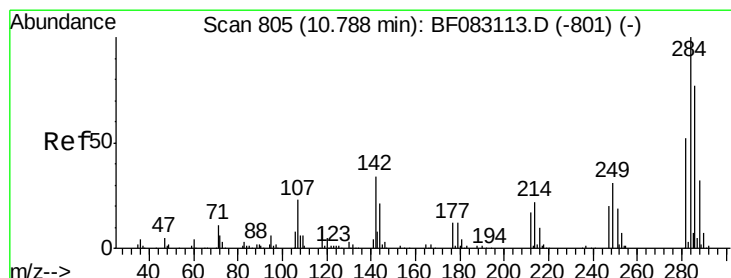
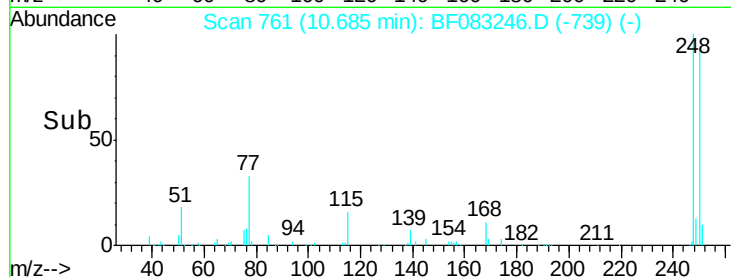
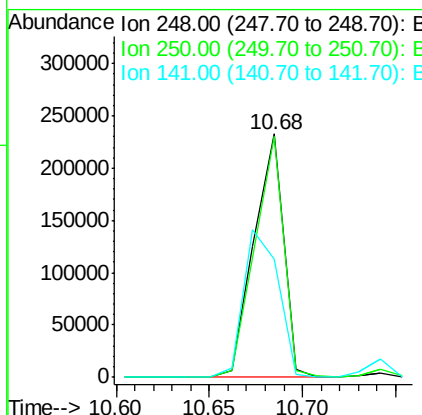
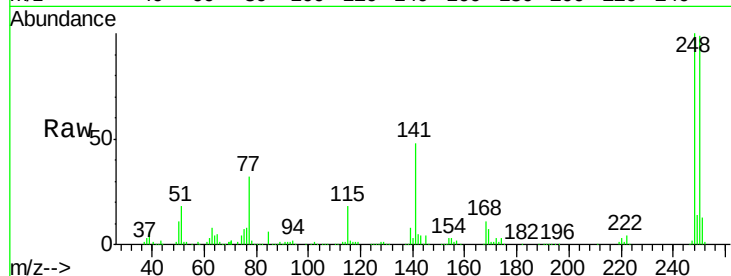




#66
4-Bromophenyl-phenylether
Concen: 36.19 ng
RT: 10.68 min Scan# 761
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

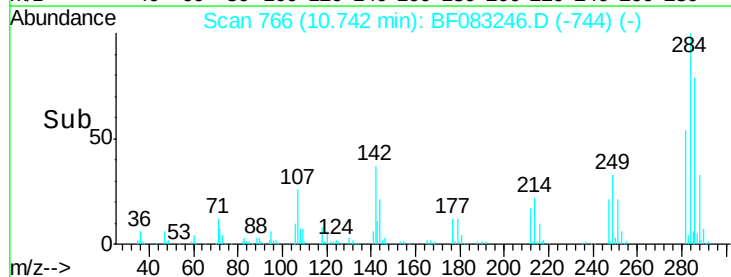
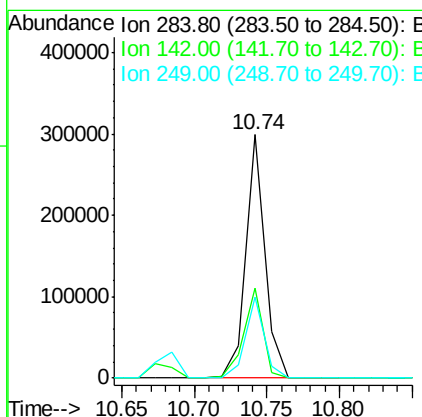
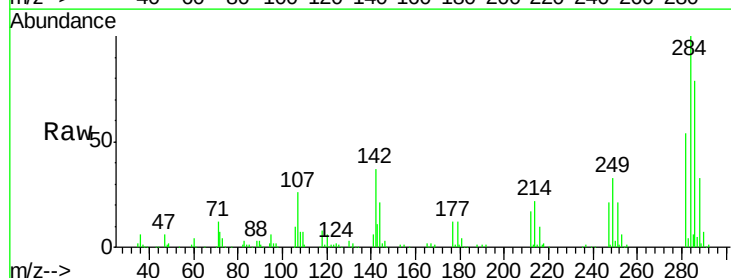
Instrument :
BNA_F
ClientSampleId :
PB86825BS

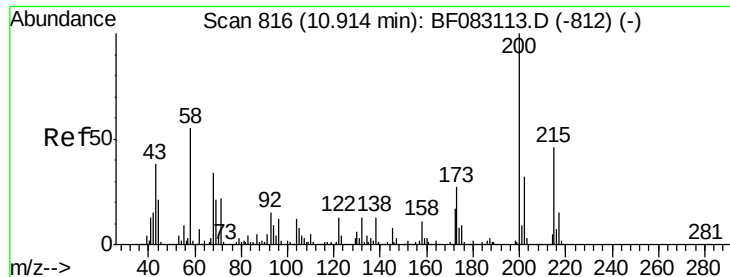
Tgt Ion:248 Resp: 256767
Ion Ratio Lower Upper
248 100
250 99.1 75.4 113.2
141 48.4 48.1 72.1



#67
Hexachlorobenzene
Concen: 35.07 ng
RT: 10.74 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion:284 Resp: 274005
Ion Ratio Lower Upper
284 100
142 37.2 27.6 41.4
249 33.3 25.5 38.3

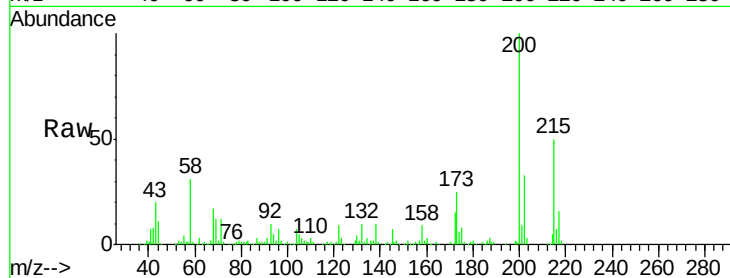




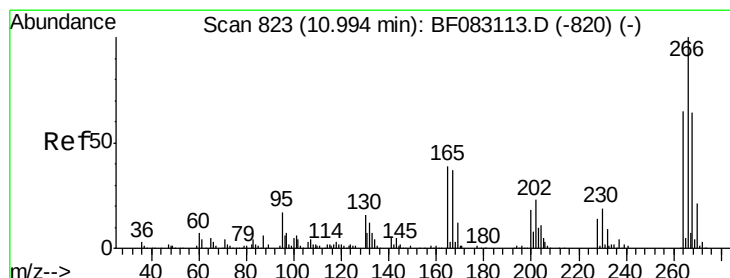
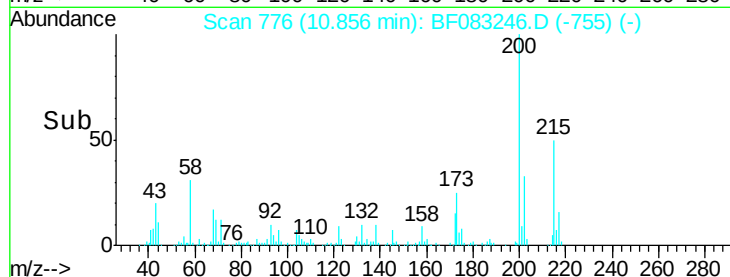
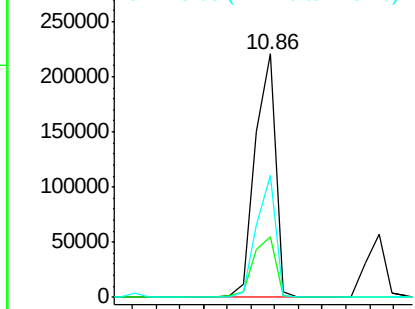
#68
Atrazine
Concen: 42.38 ng
RT: 10.86 min Scan# 776
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion:200 Resp: 267596
Ion Ratio Lower Upper
200 100
173 24.7 7.2 47.2
215 50.4 25.7 65.7

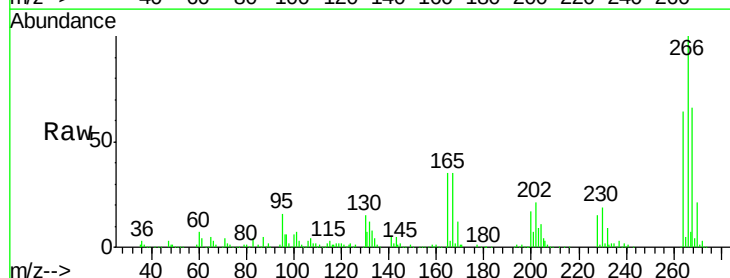


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

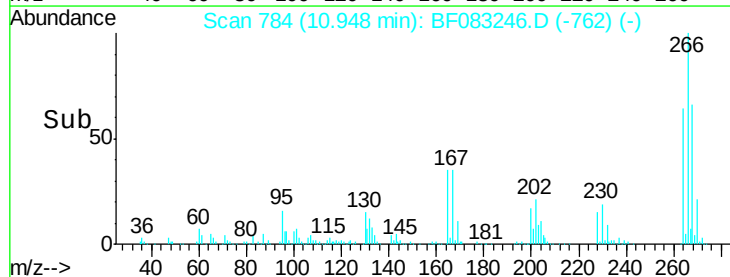
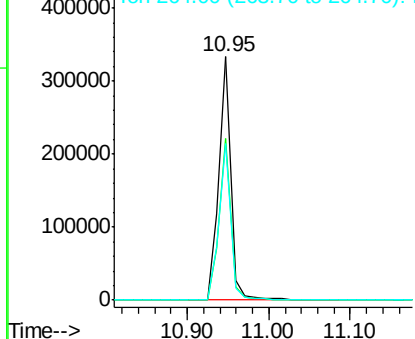


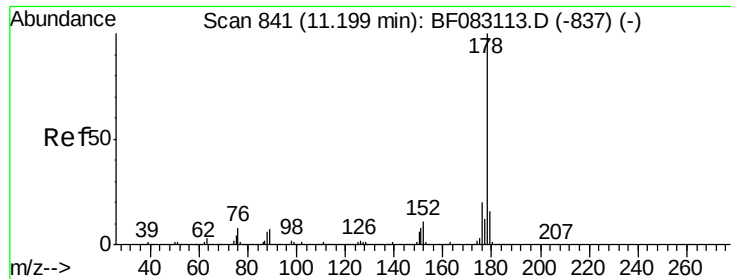
#69
Pentachlorophenol
Concen: 67.30 ng
RT: 10.95 min Scan# 784
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion:266 Resp: 342469
Ion Ratio Lower Upper
266 100
268 66.3 51.4 77.0
264 64.4 51.7 77.5



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

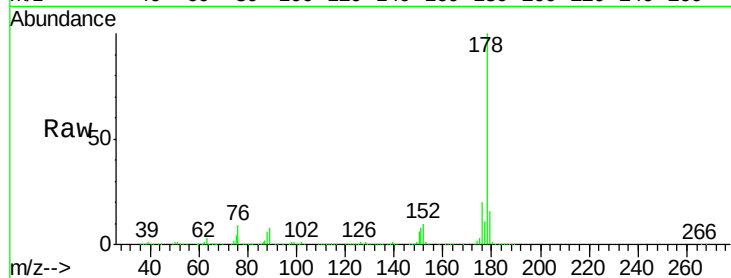




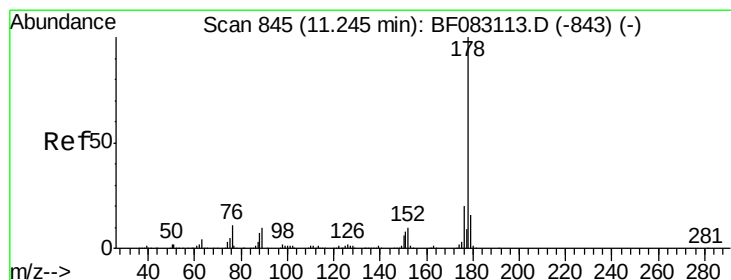
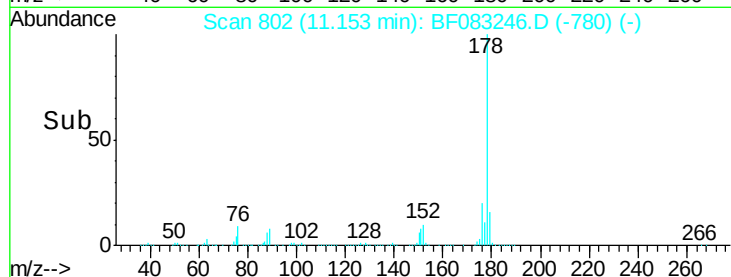
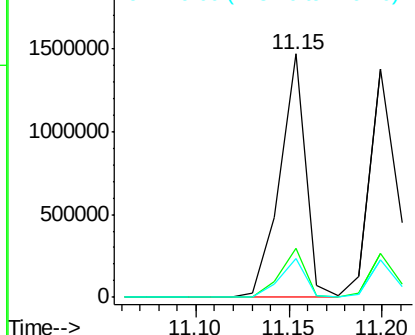
#70
Phenanthrene
Concen: 38.31 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion:178 Resp: 1411166
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.9 12.8 19.2

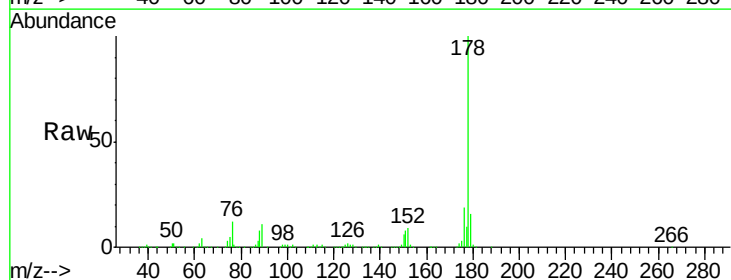


Abundance Ion 178.00 (177.70 to 178.70): E
2000000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

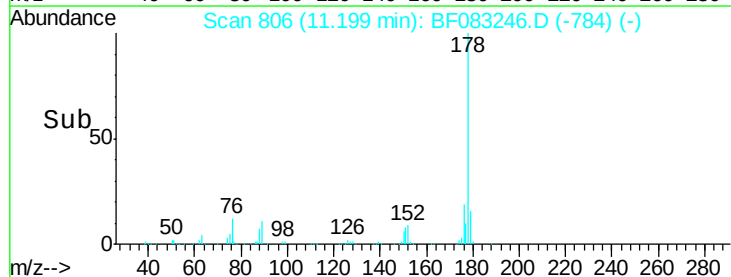
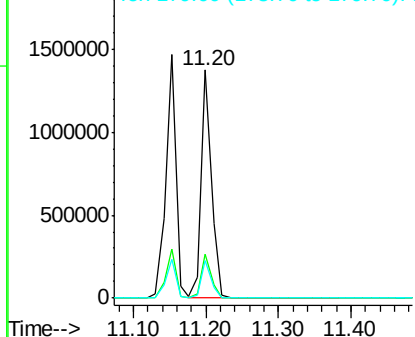


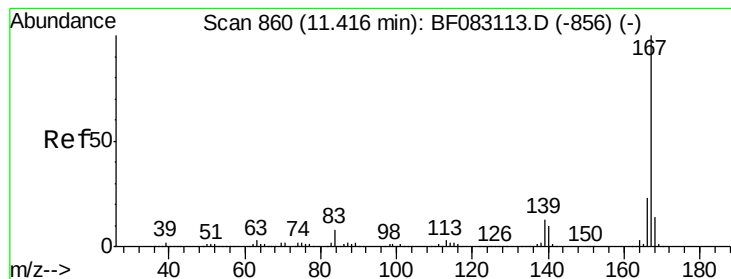
#71
Anthracene
Concen: 36.13 ng
RT: 11.20 min Scan# 806
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion:178 Resp: 1357738
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
2000000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 36.17 ng

RT: 11.36 min Scan# 820

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

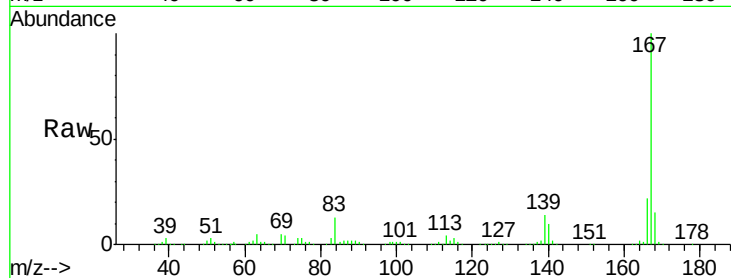
Tgt Ion:167 Resp: 1208248

Ion Ratio Lower Upper

167 100

166 21.9 18.0 27.0

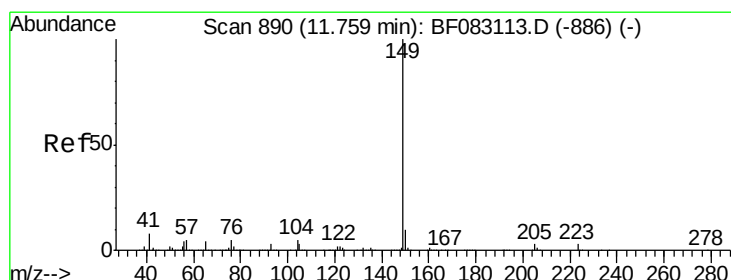
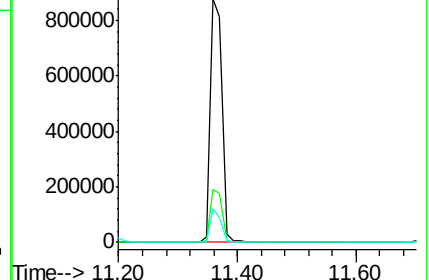
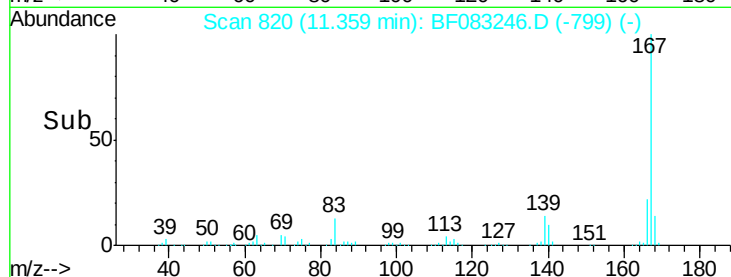
139 13.9 10.5 15.7



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: 34.19 ng

RT: 11.70 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

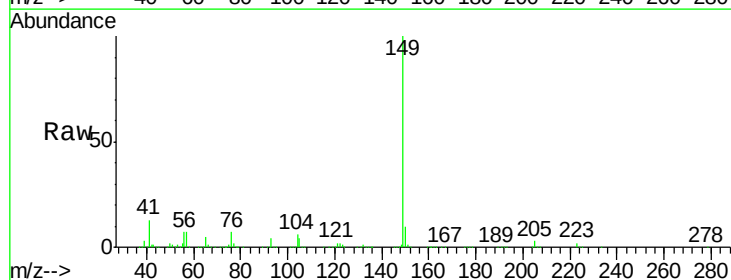
Tgt Ion:149 Resp: 1393808

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

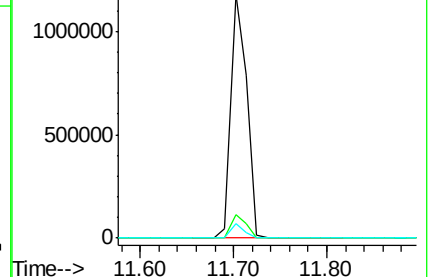
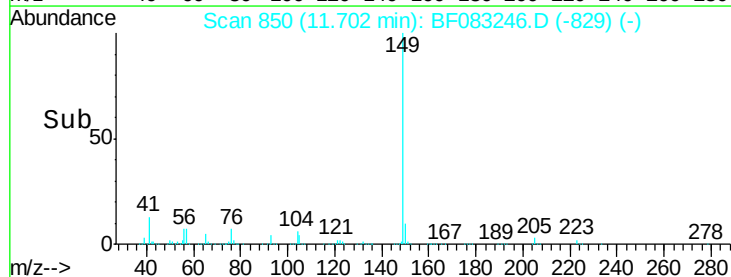
104 5.7 4.4 6.6

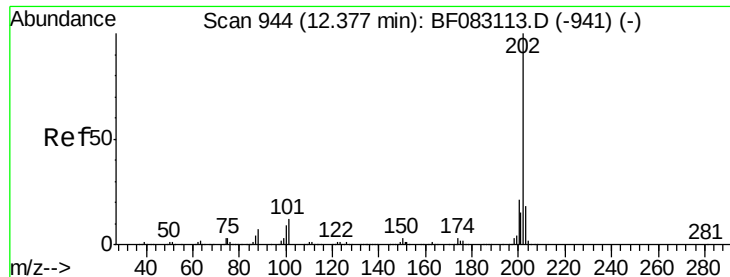


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 36.45 ng

RT: 12.33 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

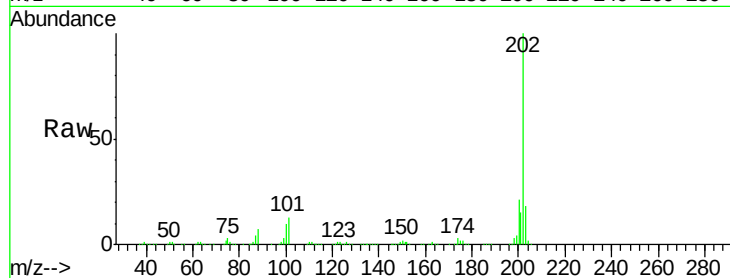
Tgt Ion:202 Resp: 1373944

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.3

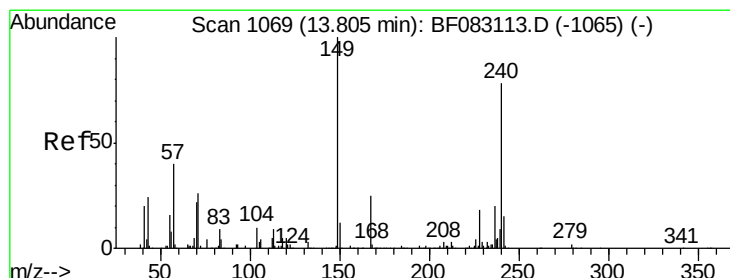
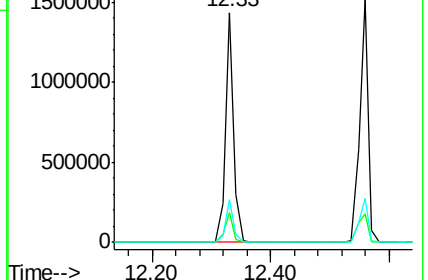
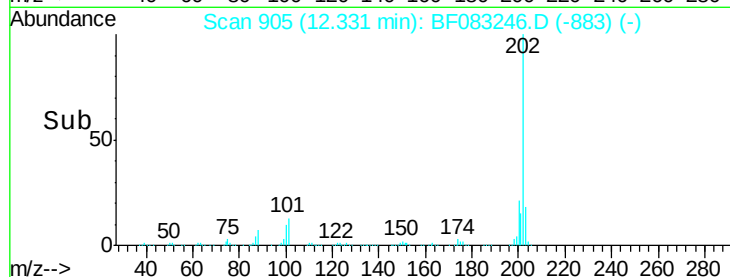
203 18.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

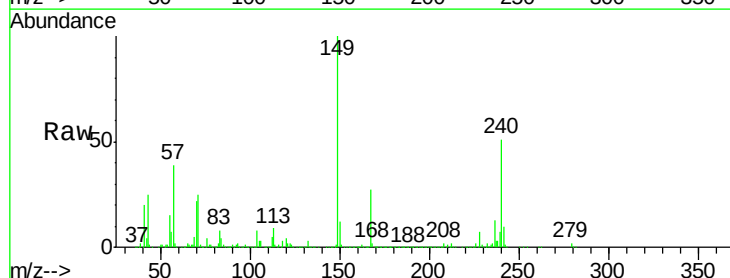
Tgt Ion:240 Resp: 536699

Ion Ratio Lower Upper

240 100

120 7.0 5.4 8.2

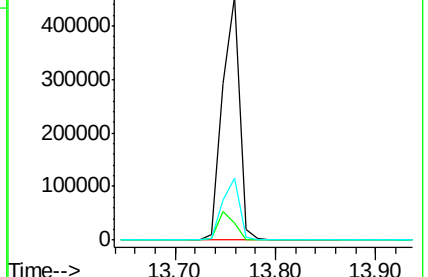
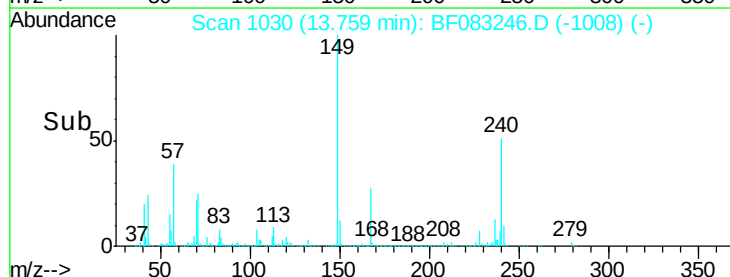
236 25.2 20.6 31.0

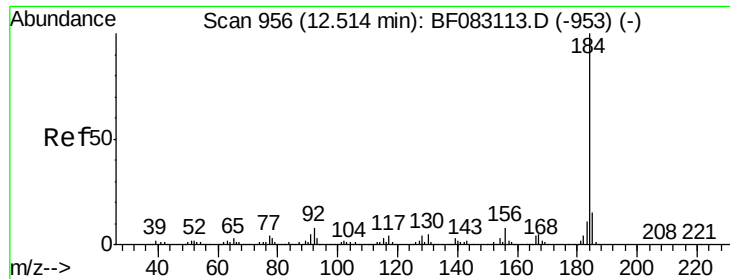


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

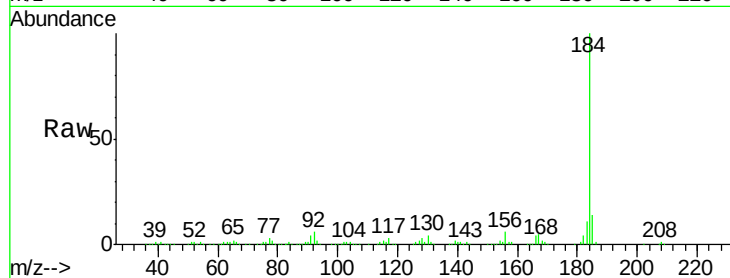




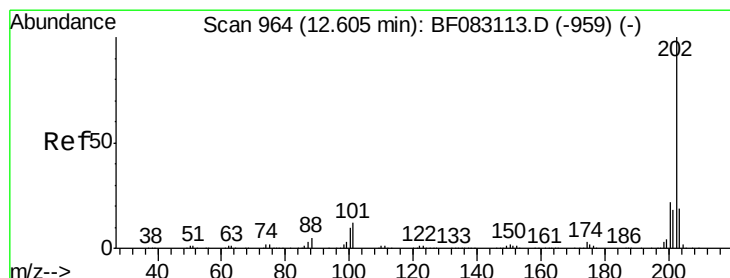
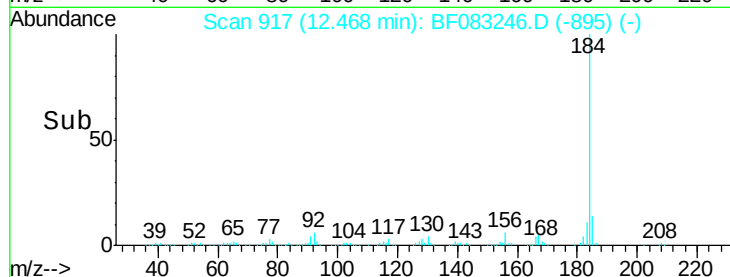
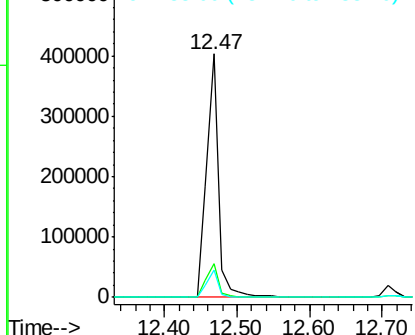
#76
Benzidine
Concen: 33.03 ng
RT: 12.47 min Scan# 917
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion:184 Resp: 464630
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 11.2 8.8 13.2

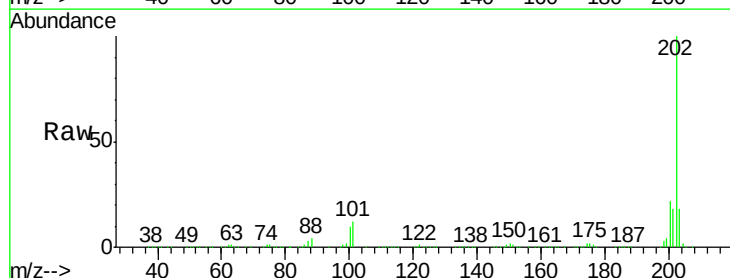


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

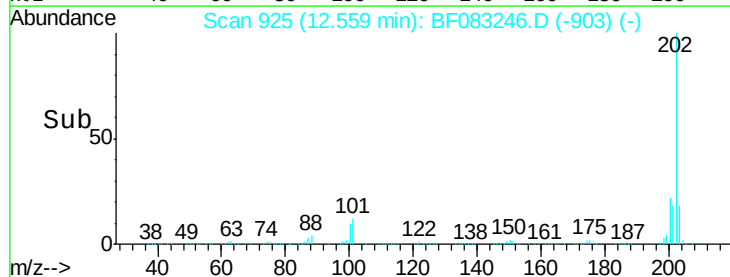
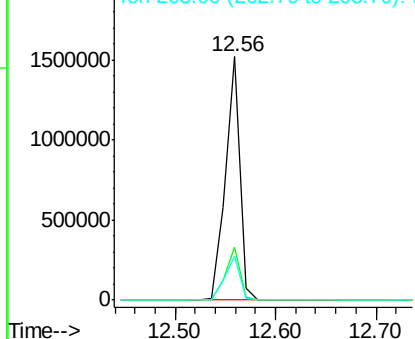


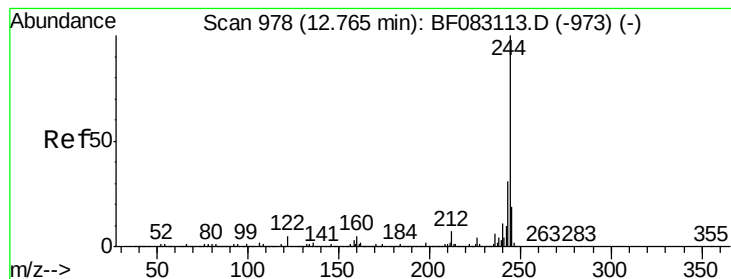
#77
Pyrene
Concen: 41.17 ng
RT: 12.56 min Scan# 925
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion:202 Resp: 1509694
Ion Ratio Lower Upper
202 100
200 21.8 17.8 26.6
203 18.1 15.0 22.4



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: 76.14 ng

RT: 12.71 min Scan# 938

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

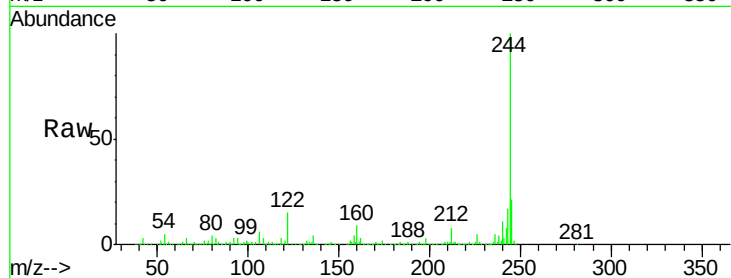
Tgt Ion:244 Resp: 1735326

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

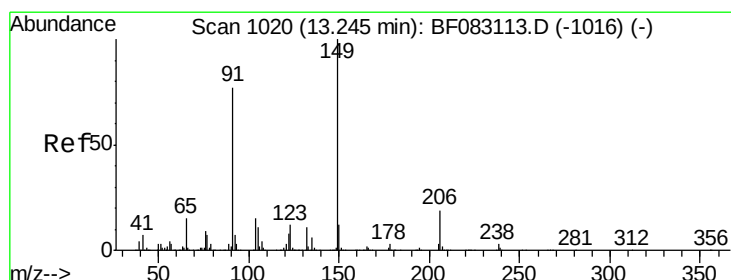
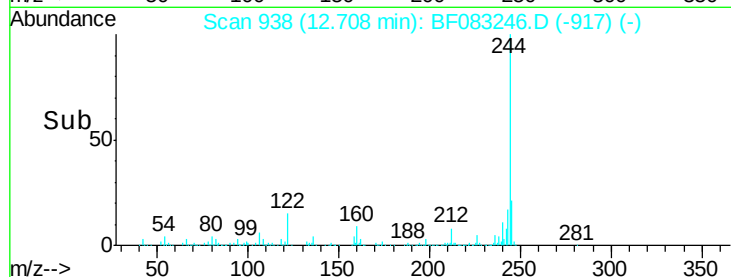
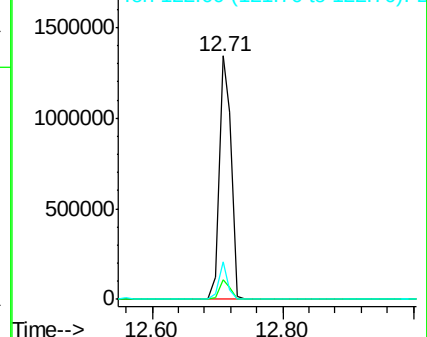
122 15.5 4.3 6.5#



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: 37.35 ng

RT: 13.20 min Scan# 981

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

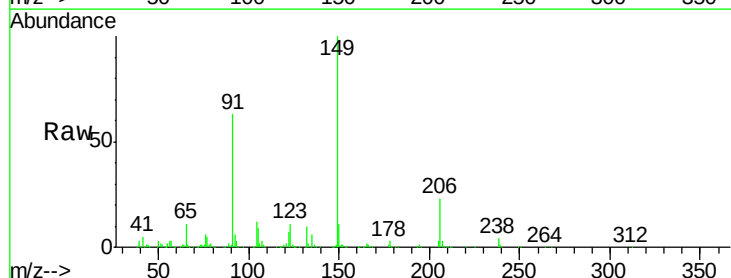
Tgt Ion:149 Resp: 648215

Ion Ratio Lower Upper

149 100

91 62.8 61.5 92.3

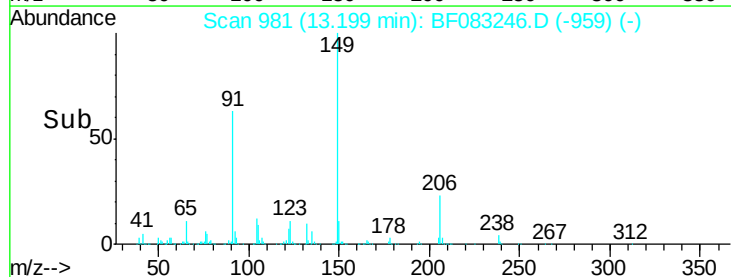
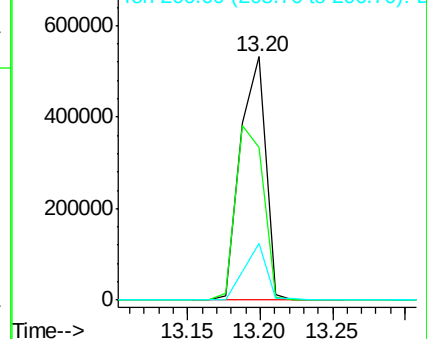
206 23.2 15.3 22.9#

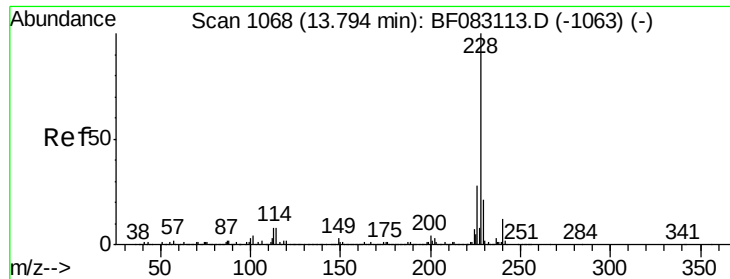


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.99 ng

RT: 13.75 min Scan# 1029

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

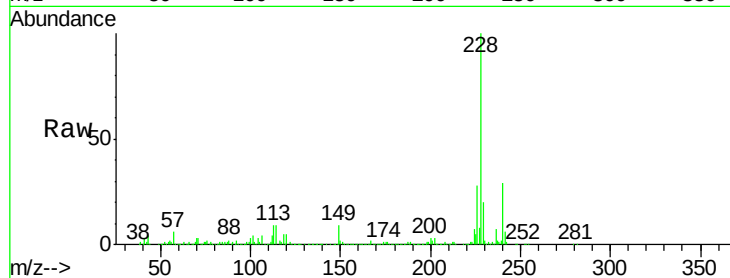
Tgt Ion:228 Resp: 1261081

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

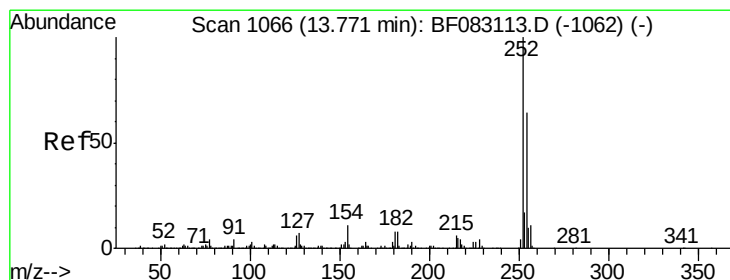
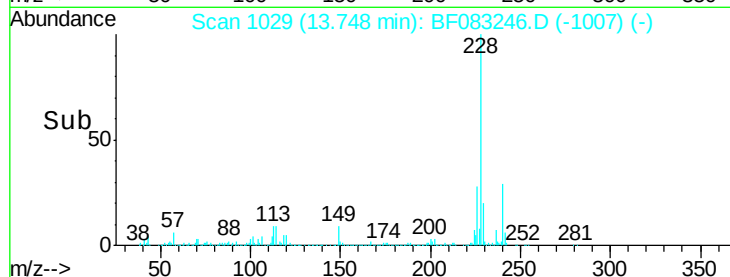
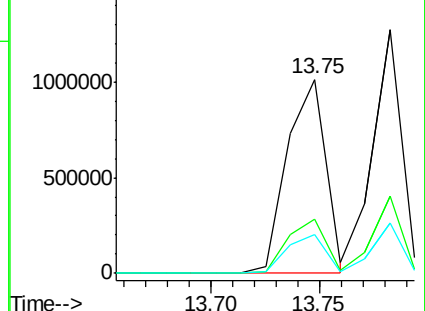
229 20.3 16.6 24.8



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: 21.64 ng

RT: 13.71 min Scan# 1026

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

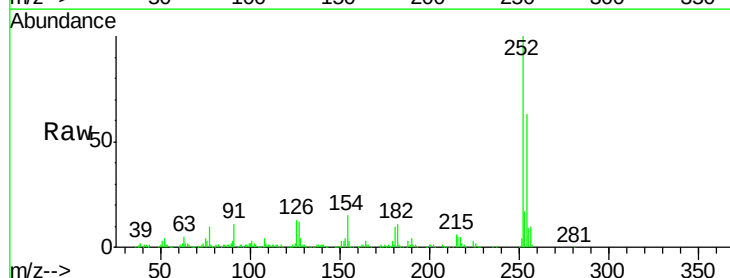
Tgt Ion:252 Resp: 249946

Ion Ratio Lower Upper

252 100

254 62.7 51.5 77.3

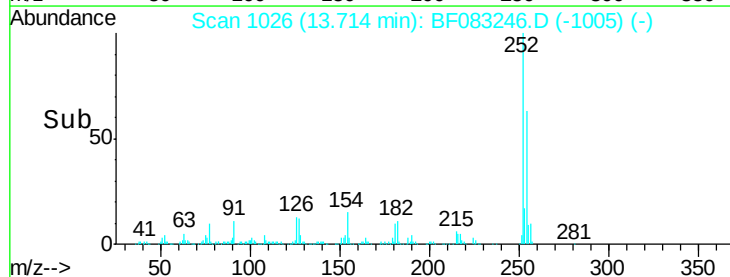
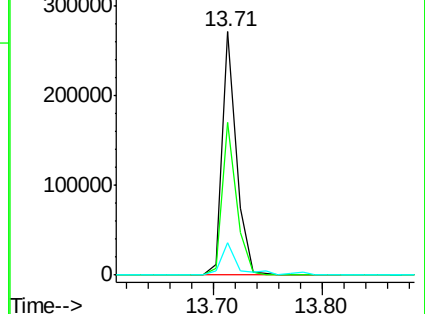
126 13.5 5.2 7.8#

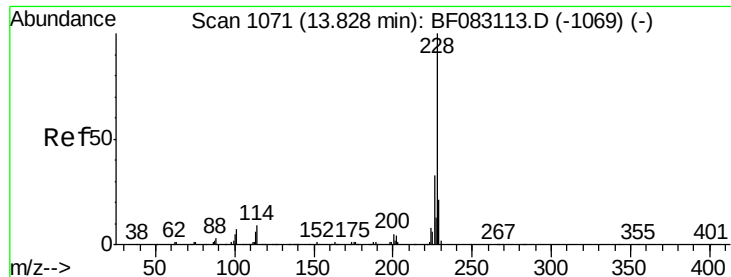


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.82 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

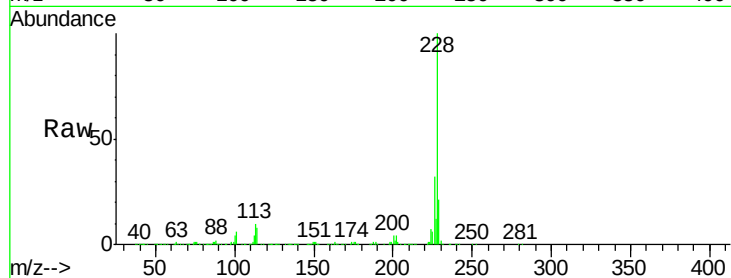
BNA_F

ClientSampleId :

PB86825BS

Tgt Ion:228 Resp: 1194855

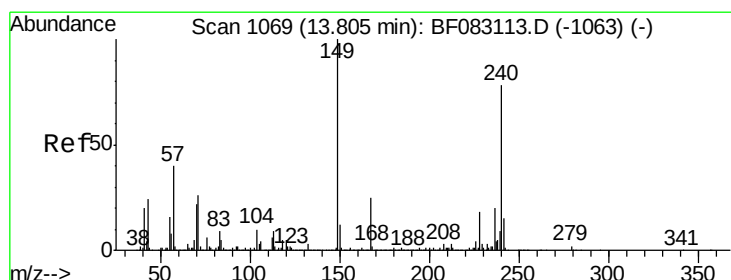
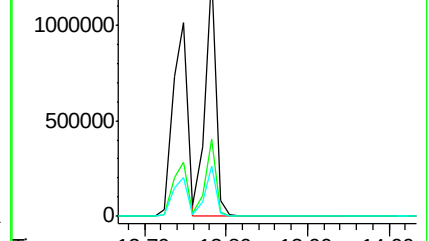
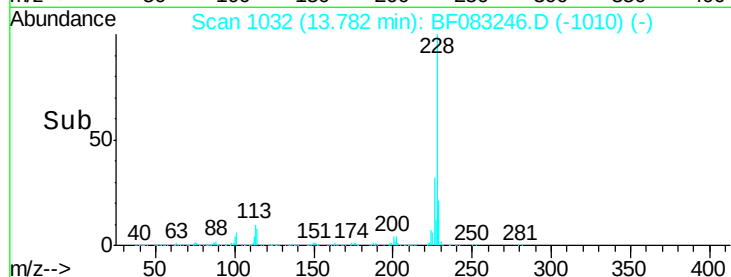
Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.5	38.3
229	20.5	16.6	25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 36.36 ng

RT: 13.76 min Scan# 1030

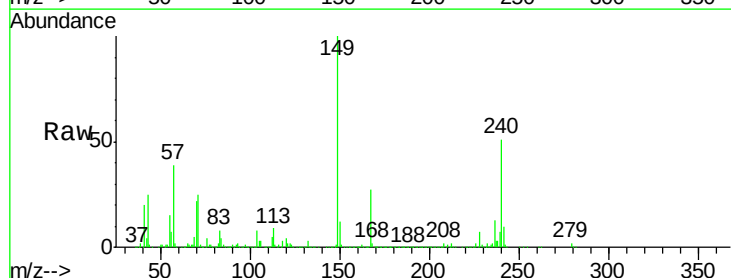
Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Tgt Ion:149 Resp: 824130

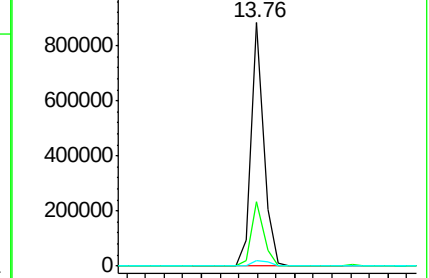
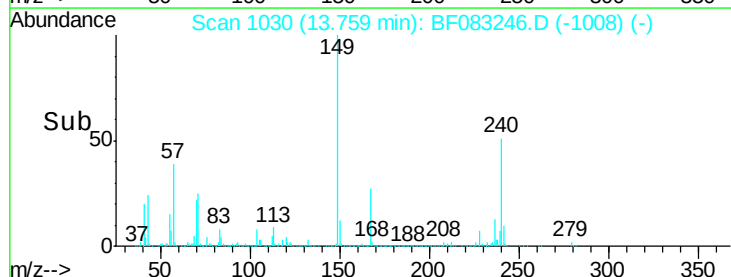
Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.1	30.1
279	2.4	1.7	2.5

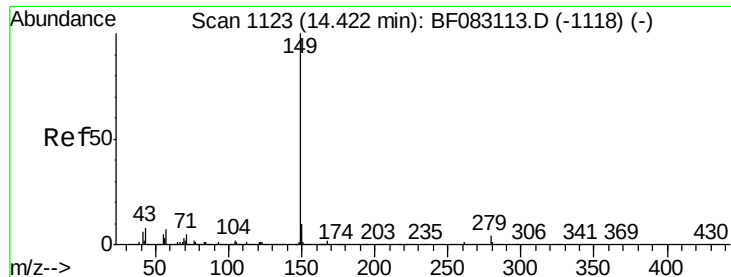


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 31.49 ng

RT: 14.37 min Scan# 1083

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

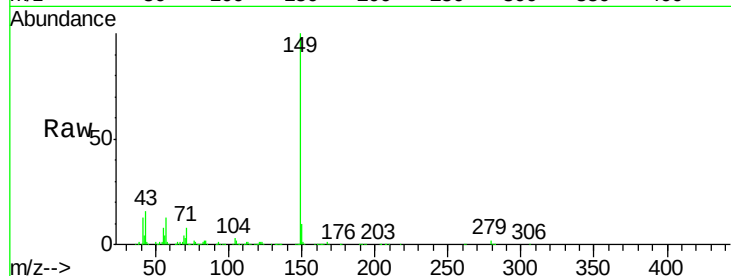
Tgt Ion:149 Resp: 1228484

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

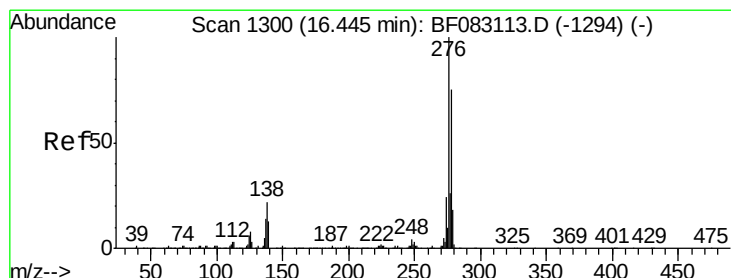
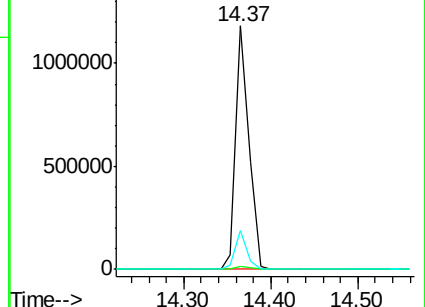
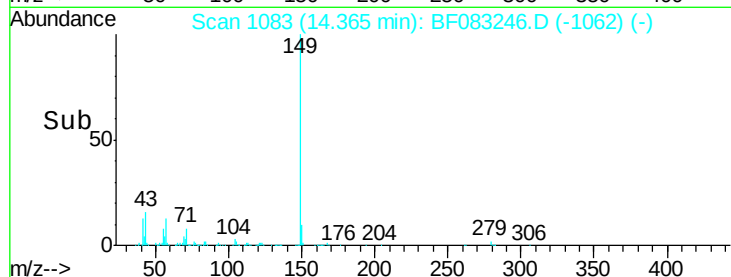
43 14.1 9.5 14.3



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: 33.66 ng

RT: 16.35 min Scan# 1257

Delta R.T. -0.09 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

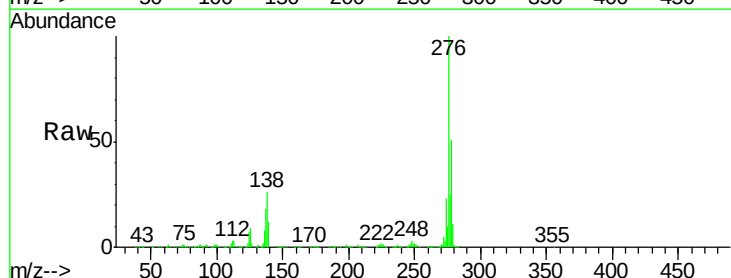
Tgt Ion:276 Resp: 942518

Ion Ratio Lower Upper

276 100

138 25.9 18.0 27.0

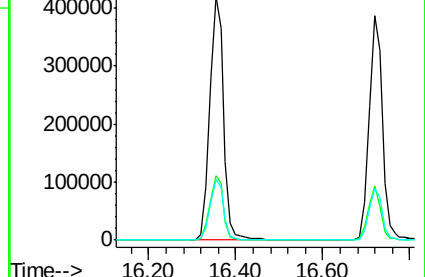
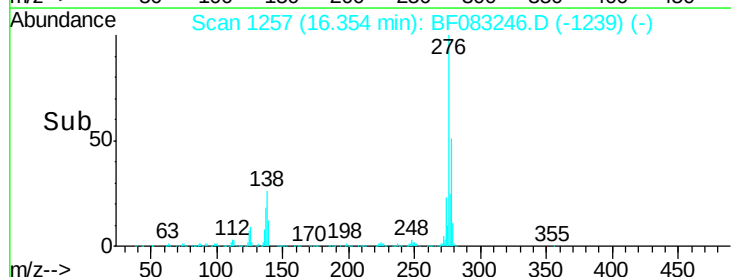
277 24.8 20.2 30.4

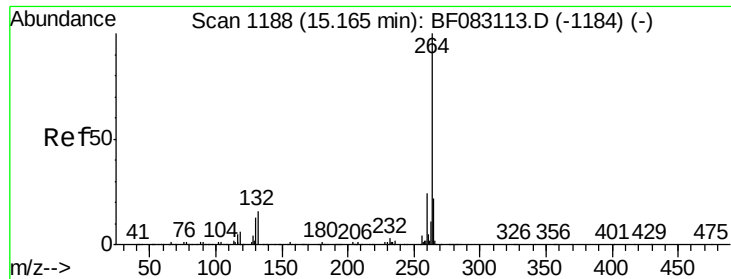


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

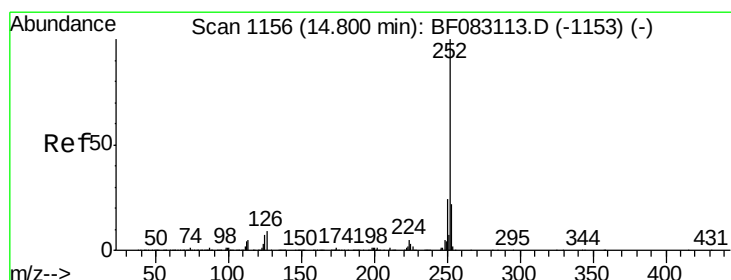
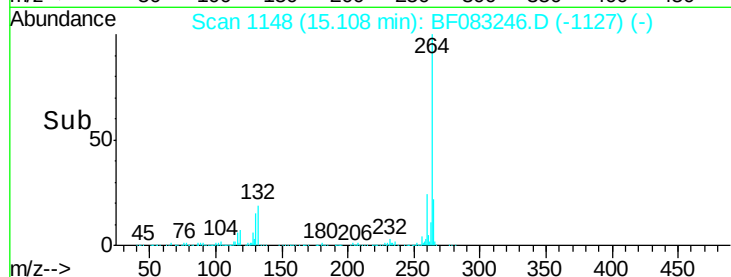
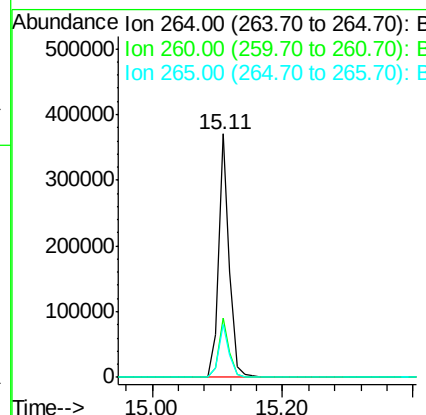
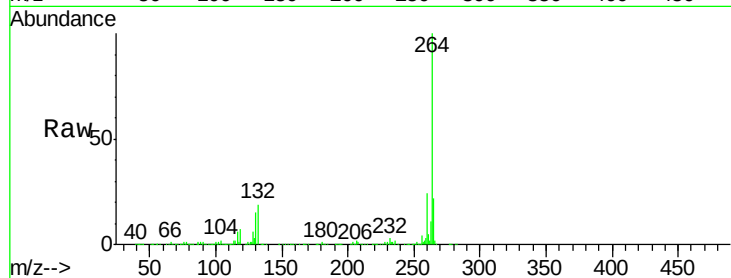




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

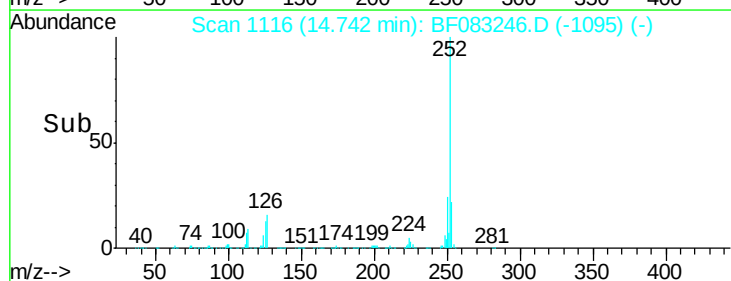
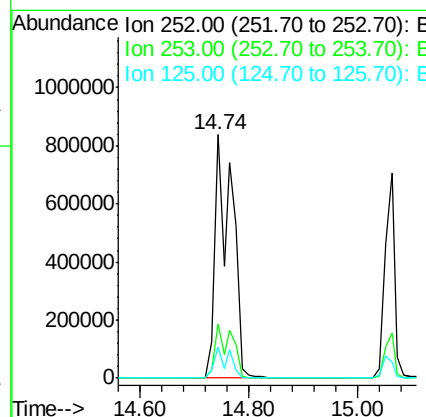
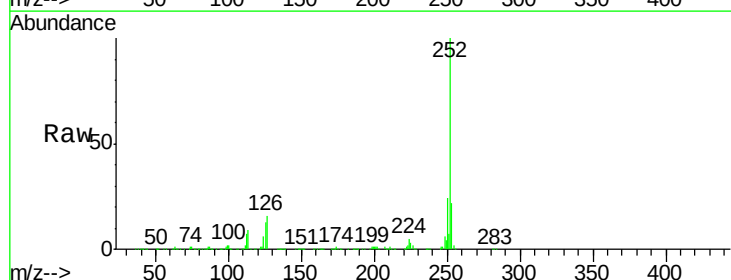
Instrument :
BNA_F
ClientSampleId :
PB86825BS

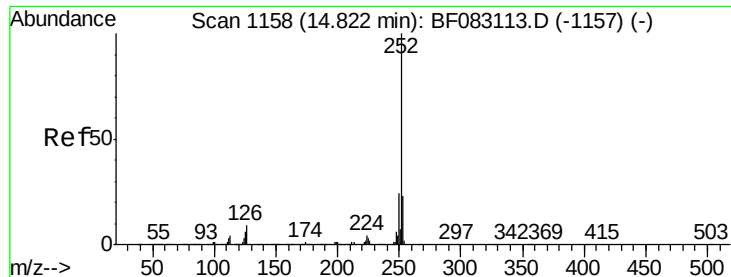
Tgt Ion: 264 Resp: 427319
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 22.0 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 63.12 ng
RT: 14.74 min Scan# 1116
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion: 252 Resp: 1843045
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.8 5.6 8.4#





#88

Benzo(k)fluoranthene

Concen: 84.72 ng

RT: 14.74 min Scan# 1116

Delta R.T. -0.08 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampled :

PB86825BS

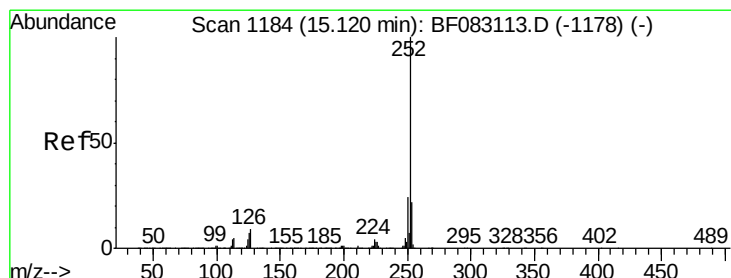
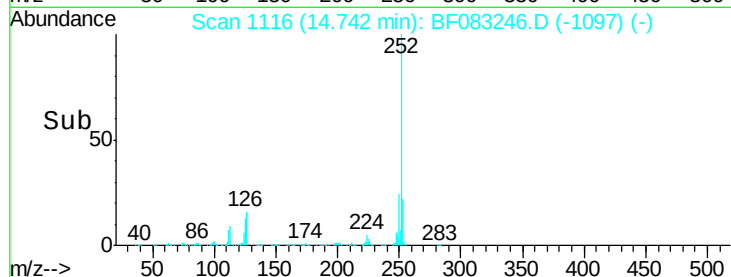
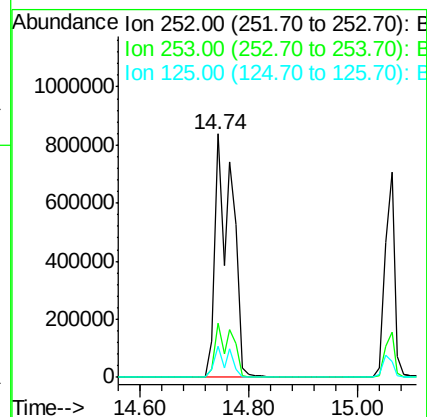
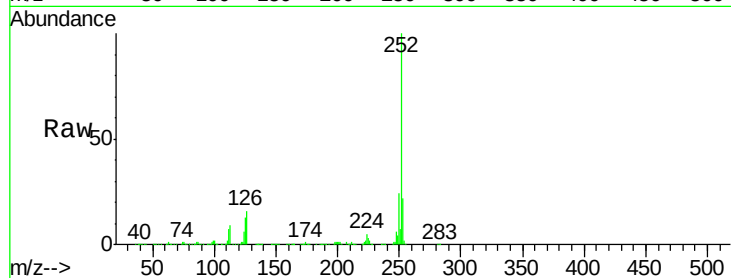
Tgt Ion:252 Resp: 1843045

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 12.8 6.8 10.2#



#89

Benzo(a)pyrene

Concen: 37.19 ng

RT: 15.06 min Scan# 1144

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

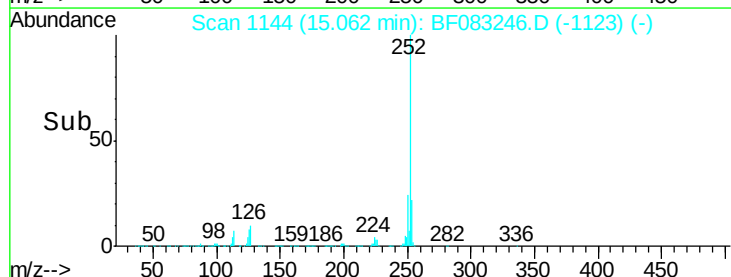
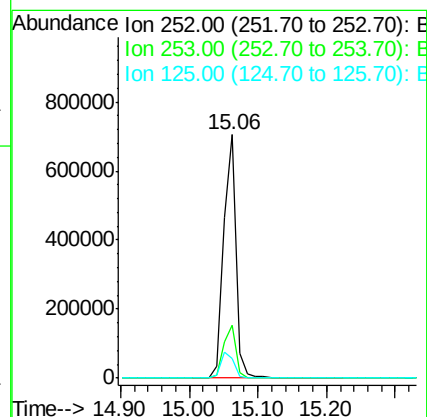
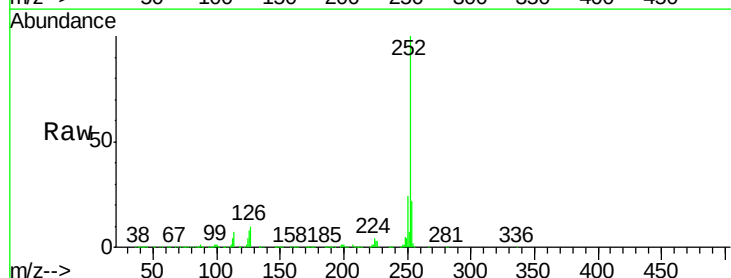
Tgt Ion:252 Resp: 896472

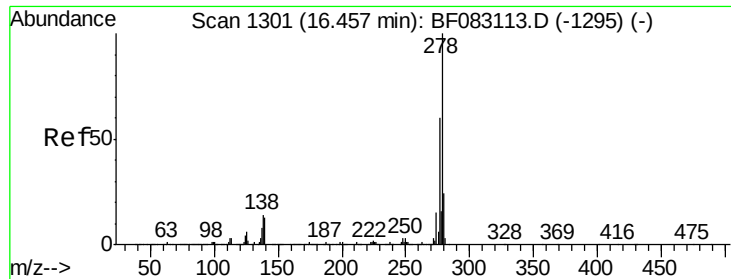
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 7.9 5.4 8.0





#90

Dibenzo(a,h)anthracene

Concen: 35.93 ng

RT: 16.37 min Scan# 1258

Delta R.T. -0.09 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

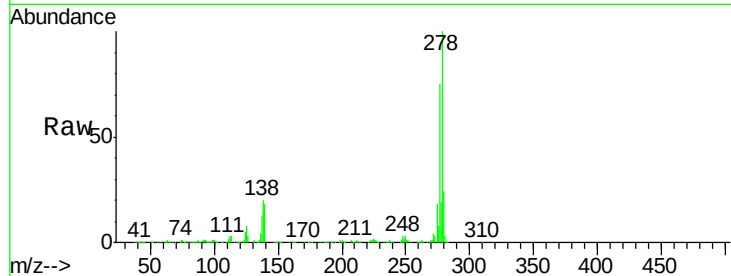
Tgt Ion:278 Resp: 786729

Ion Ratio Lower Upper

278 100

139 17.6 10.7 16.1#

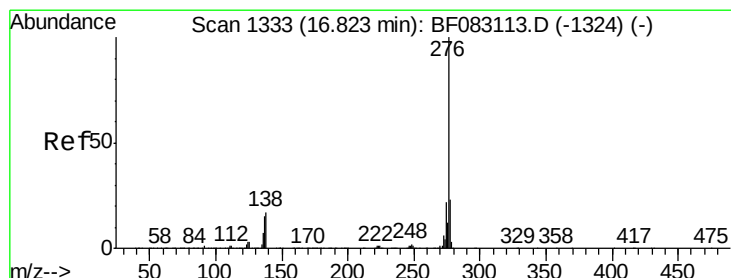
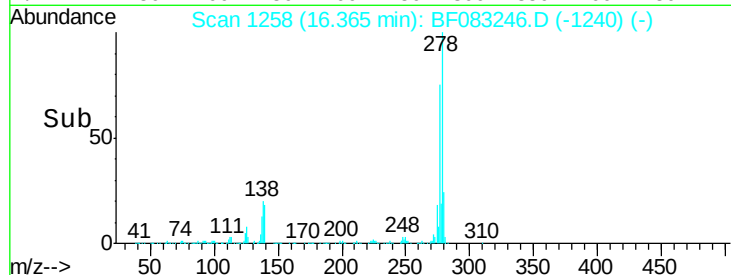
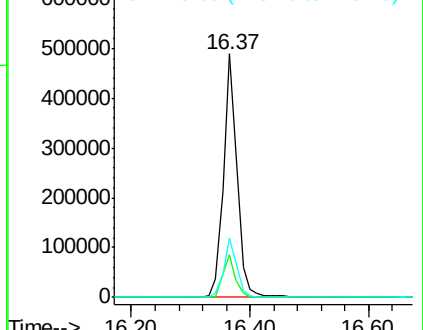
279 24.4 19.3 28.9



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: 37.90 ng

RT: 16.72 min Scan# 1289

Delta R.T. -0.10 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

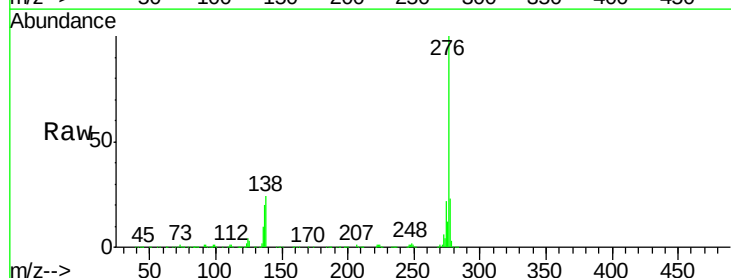
Tgt Ion:276 Resp: 810112

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 24.0 13.9 20.9#



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

