

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083248.D
 Acq On : 24 Nov 2015 20:41
 Operator : UM/IZ
 Sample : PB86810BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

Quant Time: Nov 25 00:32:39 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	150882	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	594035	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	306395	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	593688	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	537760	20.00	ng	-0.06
86) Perylene-d12	15.11	264	395952	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	168750	16.91	ng	-0.07
7) Phenol-d6	6.27	99	224680	17.40	ng	-0.07
23) Nitrobenzene-d5	7.18	82	154904	11.92	ng	-0.06
41) 2,4,6-Tribromophenol	10.43	330	56007	17.87	ng	-0.06
44) 2-Fluorobiphenyl	8.98	172	260750	11.87	ng	-0.05
78) Terphenyl-d14	12.71	244	276628	12.11	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.09	88	26560	5.37	ng	# 81
3) Pyridine	2.83	79	50144	3.84	ng	# 90
4) n-Nitrosodimethylamine	2.71	42	30606	5.08	ng	# 90
6) Aniline	6.27	93	69021	4.37	ng	# 76
8) 2-Chlorophenol	6.40	128	59967	5.56	ng	95
9) Benzaldehyde	6.16	77	38233	3.81	ng	95
10) Phenol	6.28	94	89518	5.73	ng	95
11) bis(2-Chloroethyl)ether	6.34	93	65046	5.83	ng	89
12) 1,3-Dichlorobenzene	6.78	146	59309	4.82	ng	98
13) 1,4-Dichlorobenzene	6.63	146	67291	5.40	ng	96
14) 1,2-Dichlorobenzene	6.78	146	63338	5.60	ng	99
15) Benzyl Alcohol	6.78	79	53238	4.93	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	115641	6.65	ng	73
17) 2-Methylphenol	6.90	107	48084	5.39	ng	97
18) Hexachloroethane	7.12	117	21985	5.01	ng	# 81
19) n-Nitroso-di-n-propylamine	7.03	70	51506	5.73	ng	93
20) 3+4-Methylphenols	7.06	107	65682	5.82	ng	95
22) Acetophenone	7.03	105	91185	5.35	ng	# 98
24) Nitrobenzene	7.20	77	70362	5.07	ng	97
25) Isophorone	7.44	82	129639	5.27	ng	99
26) 2-Nitrophenol	7.52	139	28707	4.68	ng	# 79
27) 2,4-Dimethylphenol	7.58	122	50089	5.12	ng	97
28) bis(2-Chloroethoxy)methane	7.67	93	78200	5.46	ng	97
29) 2,4-Dichlorophenol	7.78	162	47998	5.16	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	51529	5.04	ng	96
31) Naphthalene	7.92	128	177182	5.53	ng	99
32) Benzoic acid	7.67	122	29817	3.92	ng	97
33) 4-Chloroaniline	7.99	127	54191	4.36	ng	# 90
34) Hexachlorobutadiene	8.04	225	28520	4.72	ng	97
36) 4-Chloro-3-methylphenol	8.48	107	60638	5.62	ng	# 83
37) 2-Methylnaphthalene	8.71	142	104423	5.02	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	51473	5.18	ng	99
40) Hexachlorocyclopentadiene	8.76	237	38458	6.81	ng	97
42) 2,4,6-Trichlorophenol	8.90	196	36049	5.07	ng	97

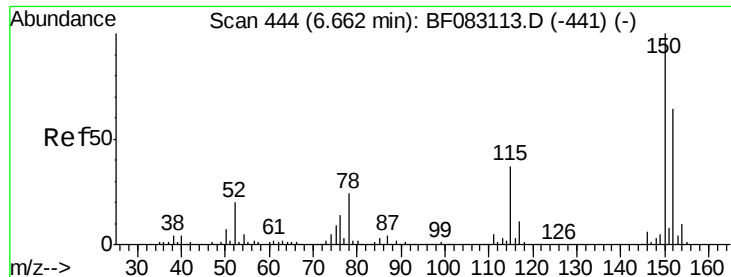
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083248.D
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 Operator : UM/IZ
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Quant Time: Nov 25 00:32:39 2015
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 Quant Title : ASP BNA 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	38192	5.25	ng	# 95
45) 1,1'-Biphenyl	9.07	154	140339	5.38	ng	95
46) 2-Chloronaphthalene	9.10	162	113378	5.54	ng	98
47) 2-Nitroaniline	9.20	65	37971	5.24	ng	# 80
48) Acenaphthylene	9.51	152	187144	5.90	ng	97
49) Dimethylphthalate	9.38	163	138645	5.88	ng	97
50) 2,6-Dinitrotoluene	9.44	165	27141	5.13	ng	97
51) Acenaphthene	9.68	154	109985	5.69	ng	98
52) 3-Nitroaniline	9.61	138	27358	4.85	ng	# 54
53) 2,4-Dinitrophenol	9.72	184	19857	6.51	ng	90
54) Dibenzofuran	9.85	168	169745	6.21	ng	99
55) 4-Nitrophenol	9.80	139	32682	7.55	ng	93
56) 2,4-Dinitrotoluene	9.84	165	36060	5.38	ng	# 81
57) Fluorene	10.19	166	131231	5.81	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	27079	4.54	ng	93
59) Diethylphthalate	10.08	149	132824	5.66	ng	96
60) 4-Chlorophenyl-phenylether	10.19	204	60412	5.84	ng	# 86
61) 4-Nitroaniline	10.22	138	30238	5.44	ng	87
62) Azobenzene	10.34	77	157055	5.86	ng	93
64) 4,6-Dinitro-2-methylphenol	10.25	198	16384	4.01	ng	96
65) n-Nitrosodiphenylamine	10.31	169	115929	5.74	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	35162	5.34	ng	# 84
67) Hexachlorobenzene	10.74	284	37692	5.20	ng	# 81
68) Atrazine	10.84	200	32427	5.53	ng	96
69) Pentachlorophenol	10.94	266	34980	7.40	ng	98
70) Phenanthrene	11.14	178	203863	5.96	ng	98
71) Anthracene	11.20	178	199519	5.72	ng	97
72) Carbazole	11.36	167	184297	5.94	ng	97
73) Di-n-butylphthalate	11.70	149	205780	5.44	ng	98
74) Fluoranthene	12.33	202	196578	5.62	ng	94
76) Benzidine	12.47	184	33838	2.40	ng	99
77) Pyrene	12.55	202	214156	5.83	ng	95
79) Butylbenzylphthalate	13.19	149	78239	4.50	ng	91
80) Benzo(a)anthracene	13.74	228	175825	5.29	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	41147	3.55	ng	# 97
82) Chrysene	13.77	228	158772	5.15	ng	96
83) Bis(2-ethylhexyl)phthalate	13.76	149	104271	4.59	ng	# 96
84) Di-n-octyl phthalate	14.37	149	148978	3.81	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.34	276	124287	4.43	ng	96
87) Benzo(b)fluoranthene	14.77	252	252206	9.32	ng	99
88) Benzo(k)fluoranthene	14.77	252	252206	12.51	ng	98
89) Benzo(a)pyrene	15.05	252	117668	5.27	ng	# 96
90) Dibenzo(a,h)anthracene	16.35	278	104788	5.16	ng	# 97
91) Benzo(g,h,i)perylene	16.71	276	105115	5.31	ng	# 94

(#) = 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

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

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PB86810BS

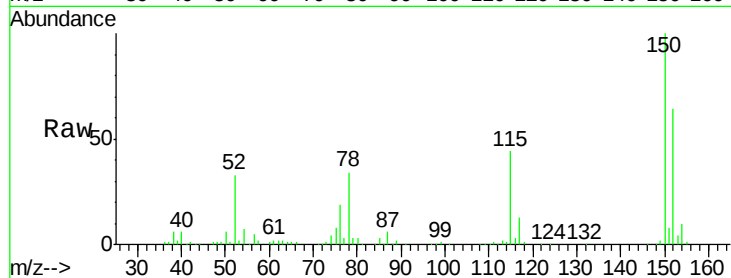
Tgt Ion:152 Resp: 150882

Ion Ratio Lower Upper

152 100

150 155.8 125.8 188.8

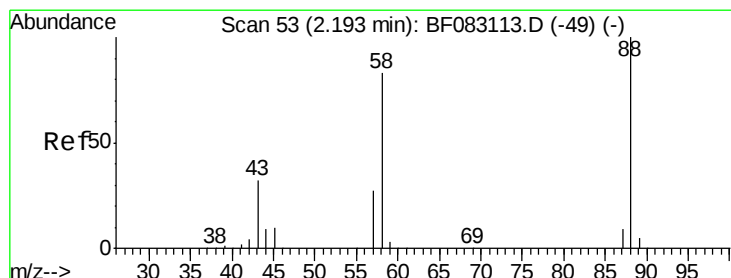
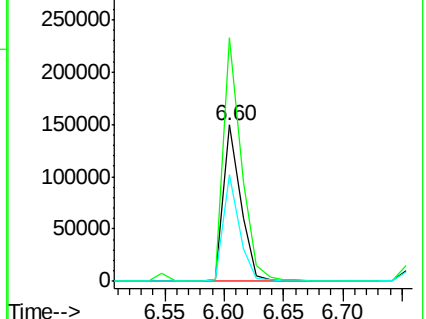
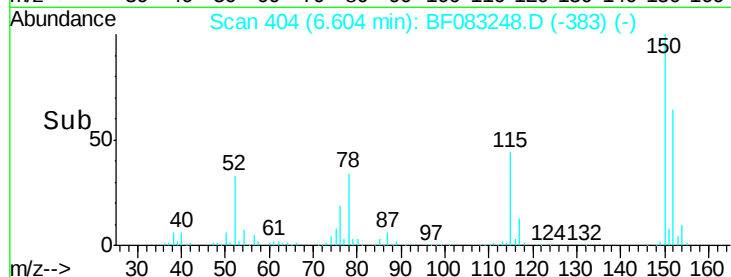
115 68.1 46.9 70.3



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: 5.37 ng

RT: 2.09 min Scan# 9

Delta R.T. -0.10 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

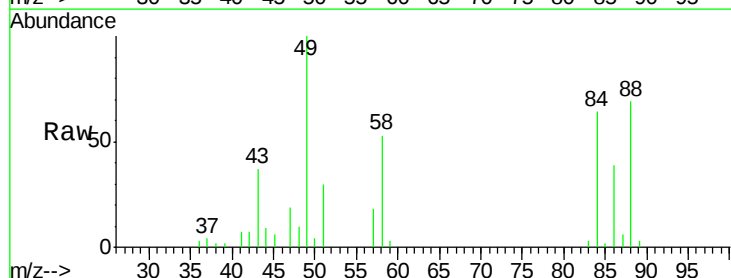
Tgt Ion: 88 Resp: 26560

Ion Ratio Lower Upper

88 100

58 92.6 65.0 97.6

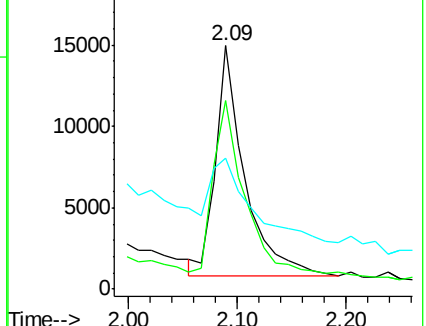
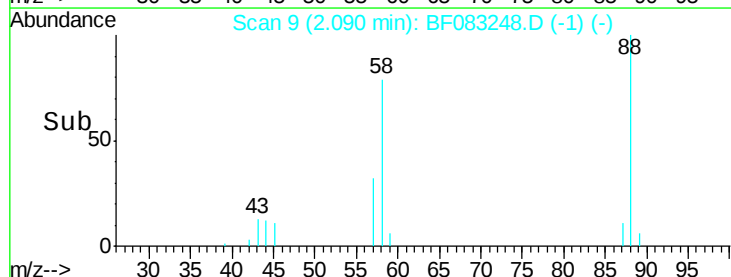
43 50.4 24.7 37.1#

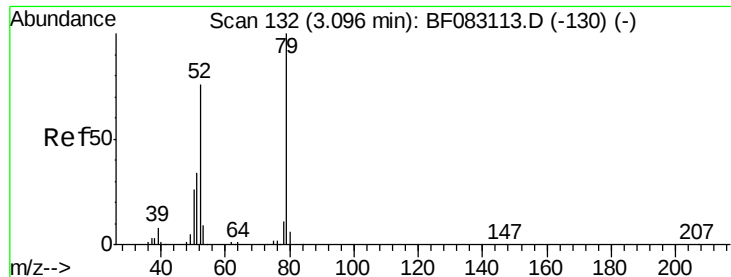


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 3.84 ng

RT: 2.83 min Scan# 74

Delta R.T. -0.26 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

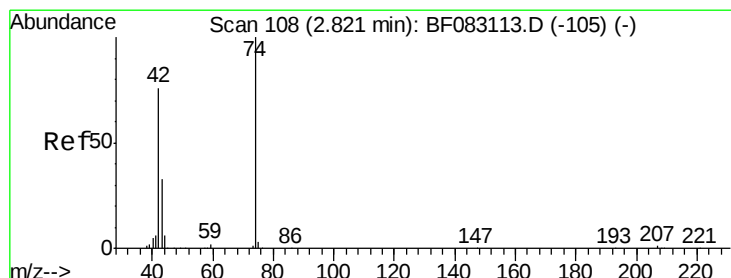
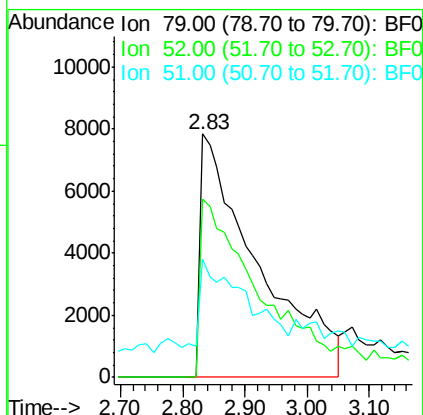
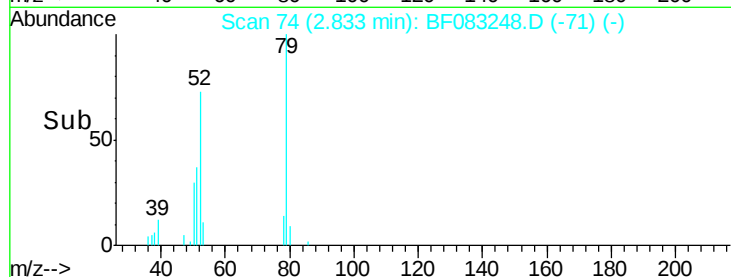
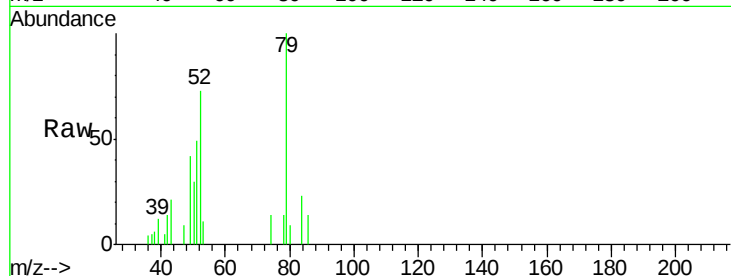
Tgt Ion: 79 Resp: 50144

Ion Ratio Lower Upper

79 100

52 73.0 60.7 91.1

51 48.8 27.9 41.9#



#4

n-Nitrosodimethylamine

Concen: 5.08 ng

RT: 2.71 min Scan# 63

Delta R.T. -0.11 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

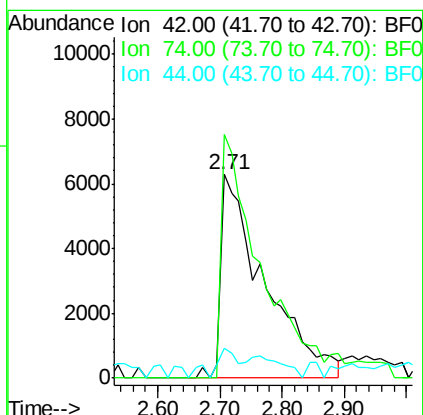
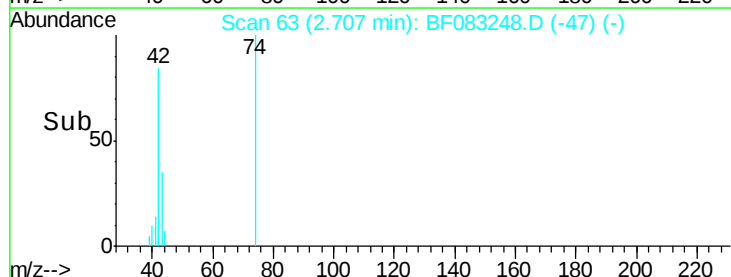
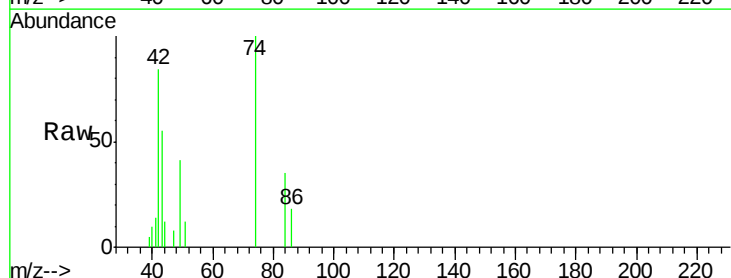
Tgt Ion: 42 Resp: 30606

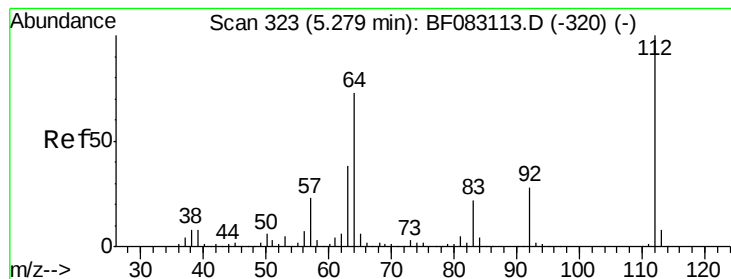
Ion Ratio Lower Upper

42 100

74 119.4 104.8 157.2

44 14.3 6.2 9.4#





#5

2-Fluorophenol

Concen: 16.91 ng

RT: 5.21 min Scan# 282

Delta R.T. -0.07 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

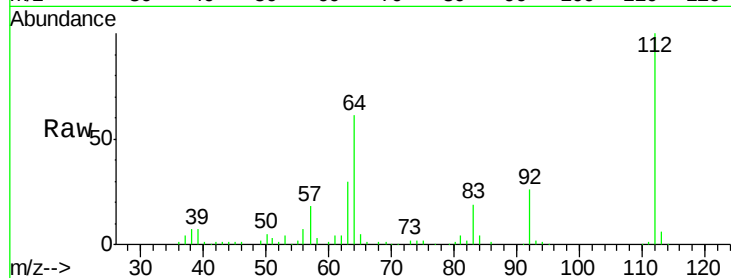
Tgt Ion: 112 Resp: 168750

Ion Ratio Lower Upper

112 100

64 61.2 58.4 87.6

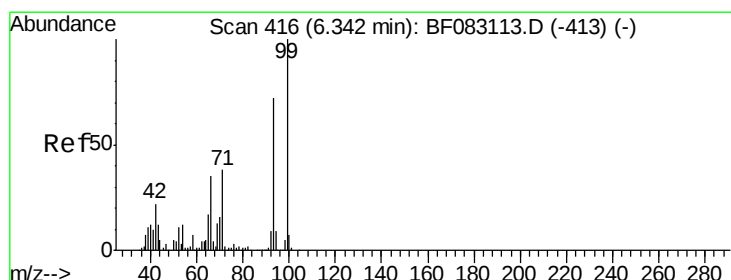
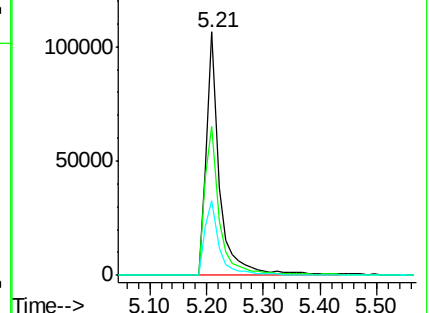
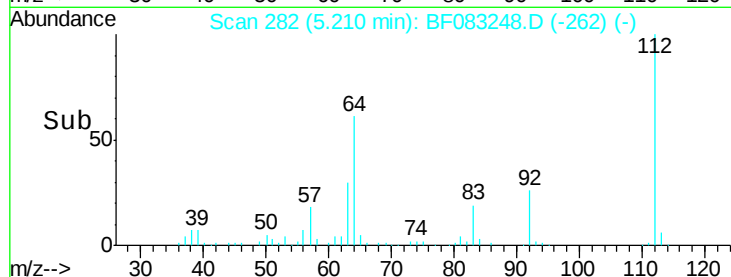
63 30.4 30.0 45.0



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: 4.37 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

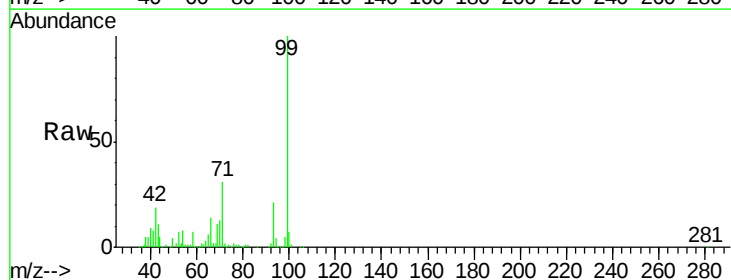
Tgt Ion: 93 Resp: 69021

Ion Ratio Lower Upper

93 100

66 67.3 38.7 58.1#

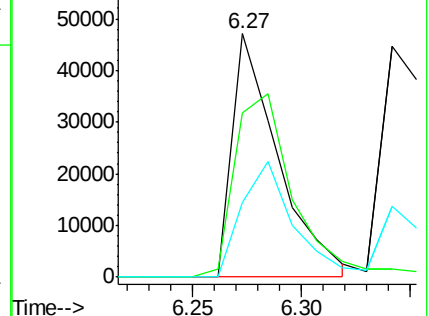
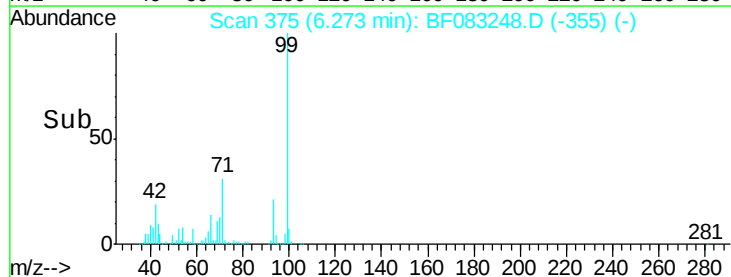
65 30.8 18.6 27.8#

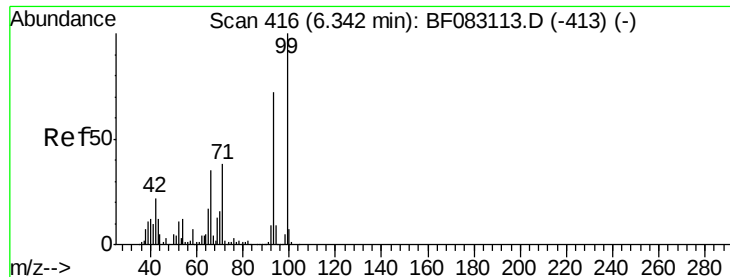


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 17.40 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

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ClientSampleId :

PB86810BS

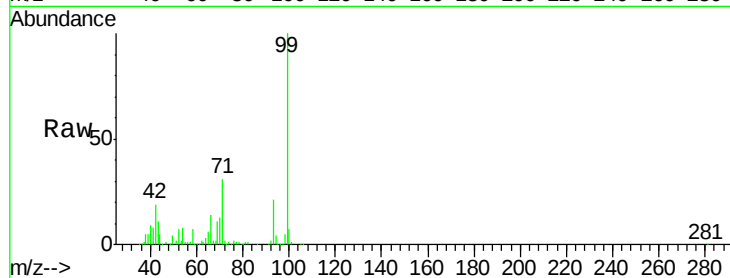
Tgt Ion: 99 Resp: 224680

Ion Ratio Lower Upper

99 100

42 19.2 17.7 26.5

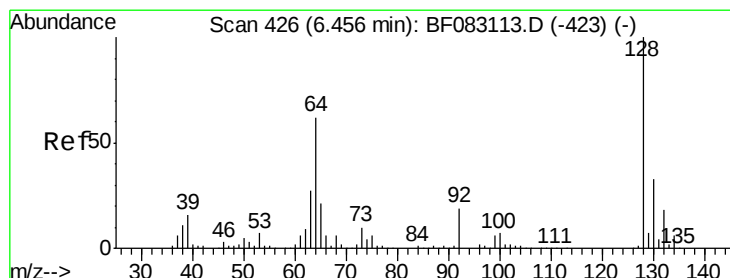
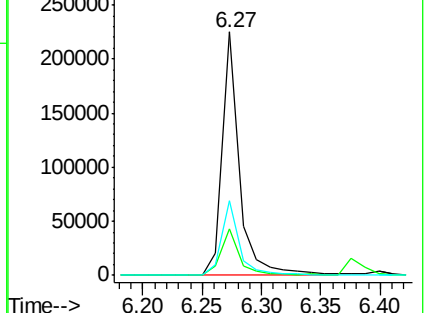
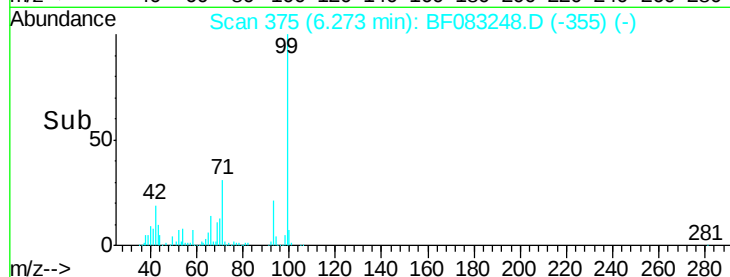
71 30.7 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 5.56 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

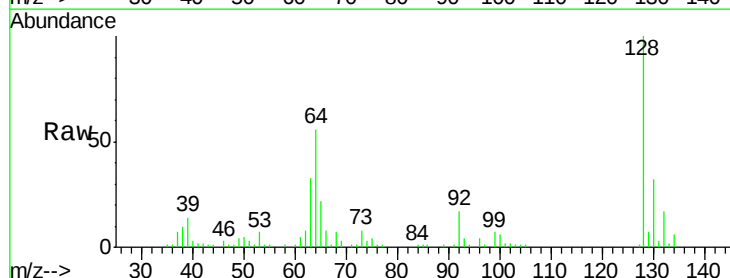
Tgt Ion: 128 Resp: 59967

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

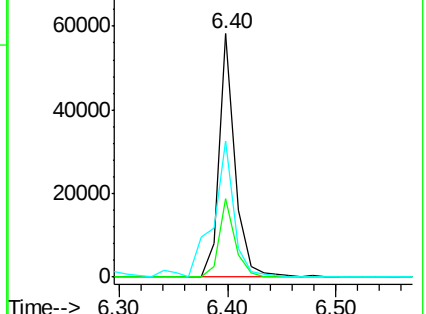
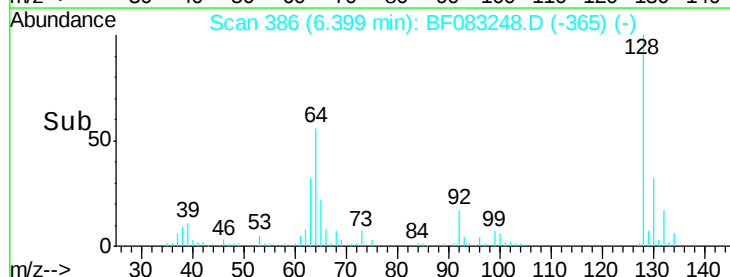
64 55.9 41.9 81.9

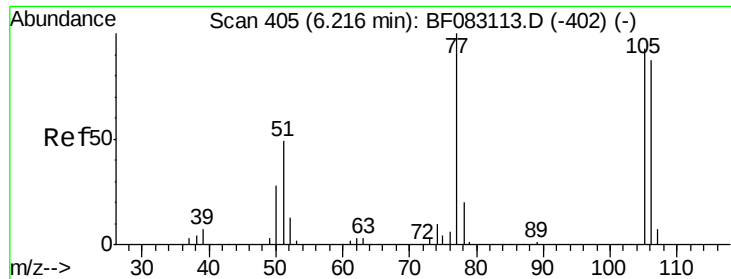


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.81 ng

RT: 6.16 min Scan# 365

Delta R.T. -0.06 min

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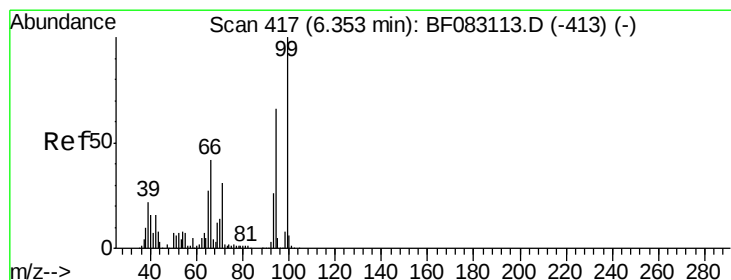
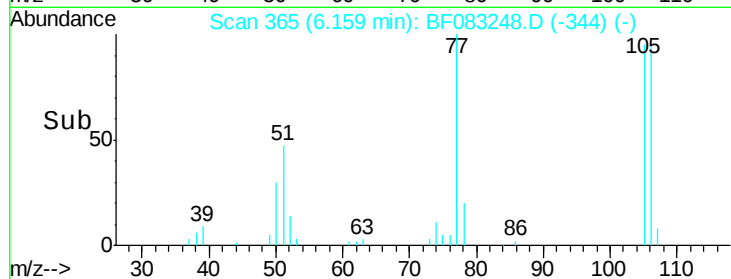
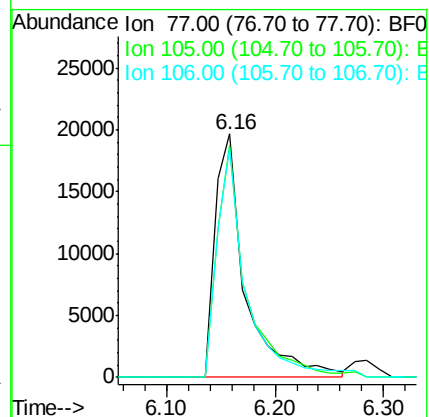
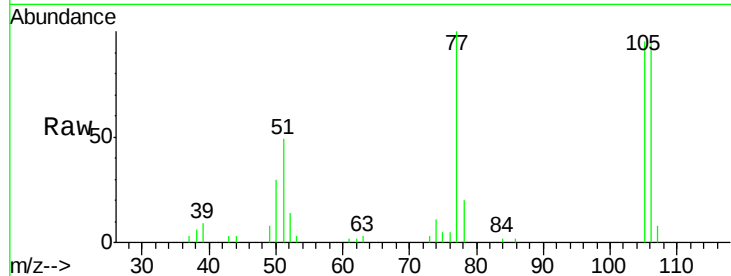
Tgt Ion: 77 Resp: 38233

Ion Ratio Lower Upper

77 100

105 95.3 73.4 113.4

106 94.3 67.5 107.5



#10

Phenol

Concen: 5.73 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.07 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

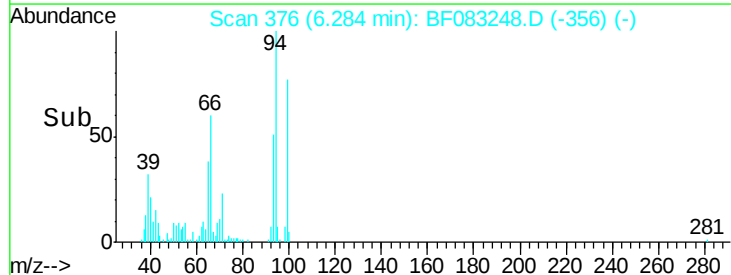
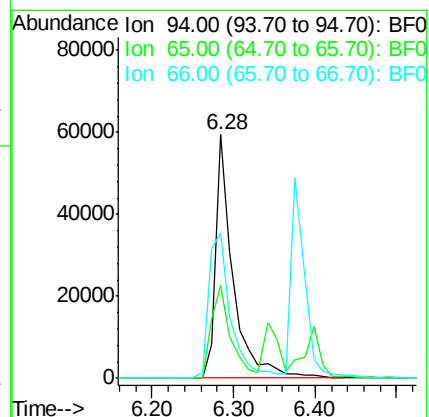
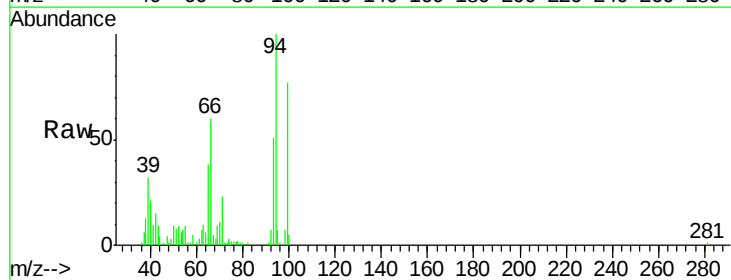
Tgt Ion: 94 Resp: 89518

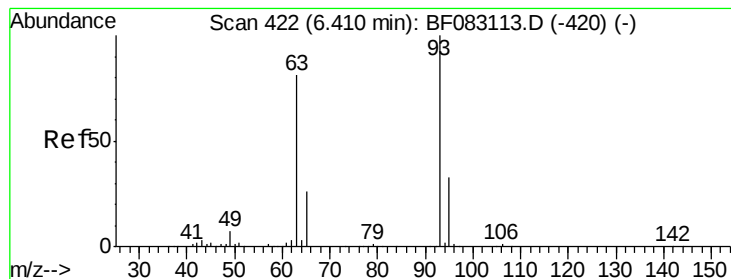
Ion Ratio Lower Upper

94 100

65 37.8 21.1 61.1

66 59.6 43.1 83.1





#11

bis(2-Chloroethyl)ether

Concen: 5.83 ng

RT: 6.34 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

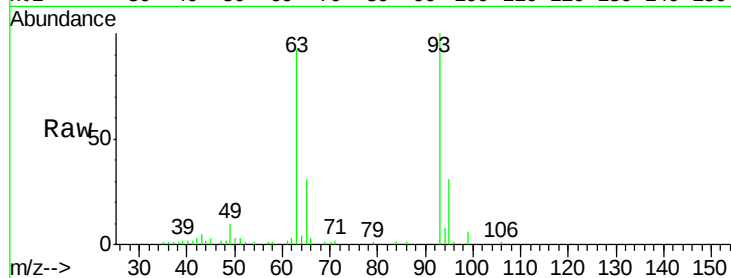
Tgt Ion: 93 Resp: 65046

Ion Ratio Lower Upper

93 100

63 91.8 59.8 99.8

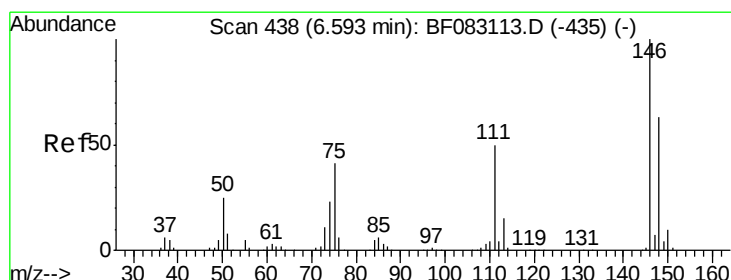
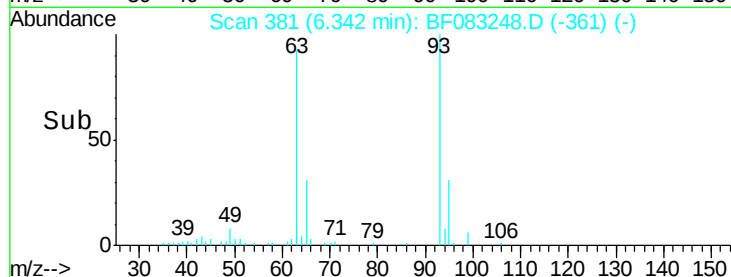
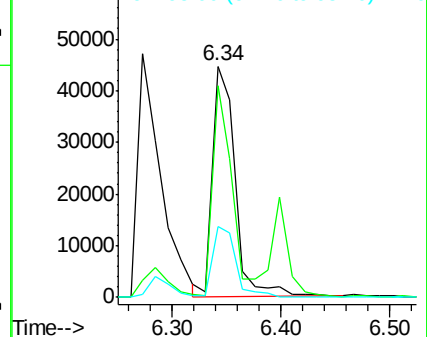
95 30.9 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 4.82 ng

RT: 6.78 min Scan# 419

Delta R.T. 0.18 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

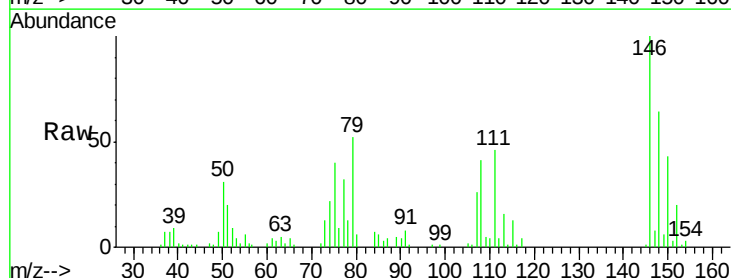
Tgt Ion: 146 Resp: 59309

Ion Ratio Lower Upper

146 100

148 64.2 50.2 75.2

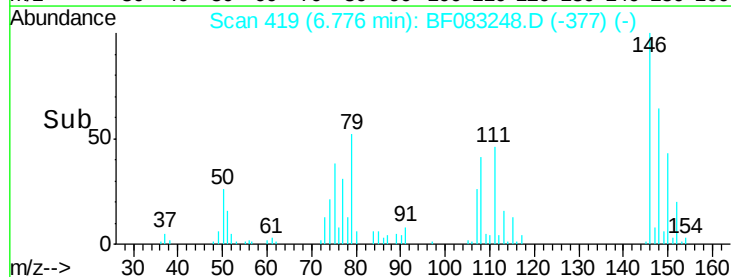
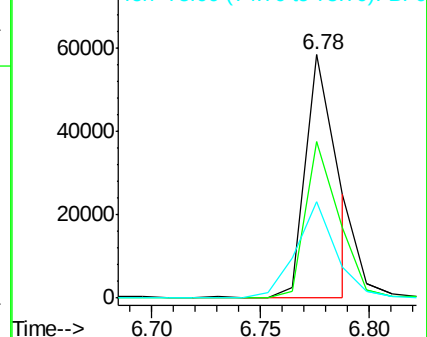
75 39.5 32.7 49.1

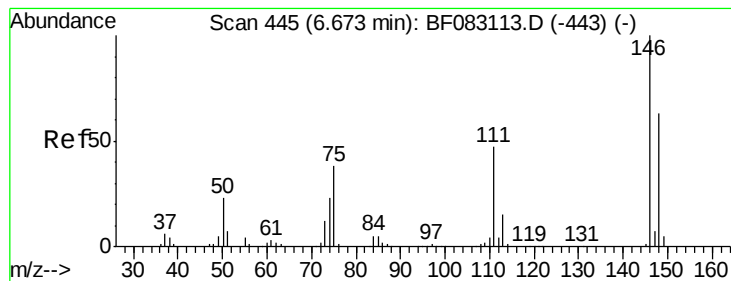


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 5.40 ng

RT: 6.63 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

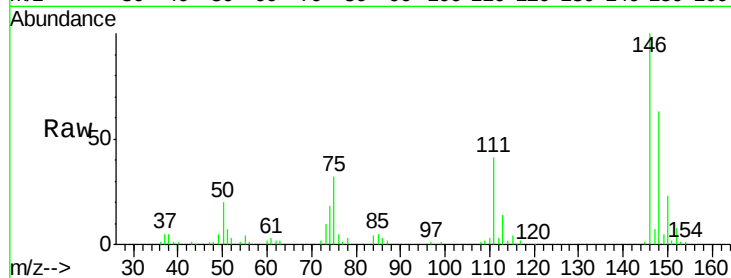
Tgt Ion:146 Resp: 67291

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

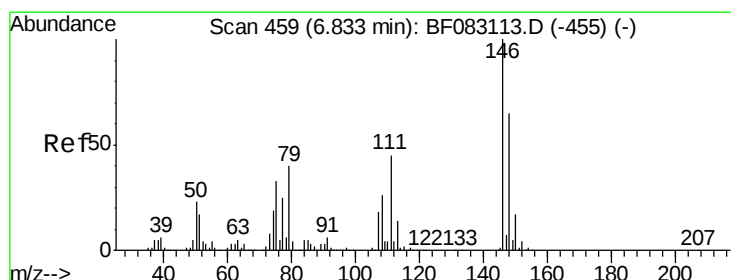
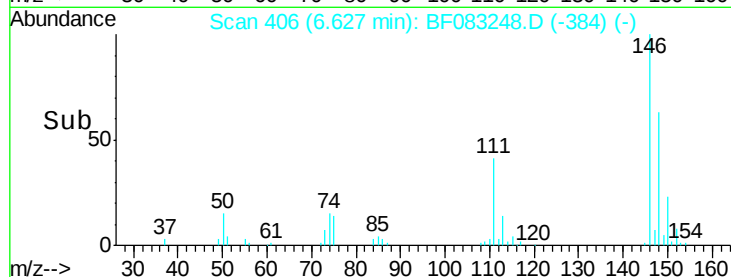
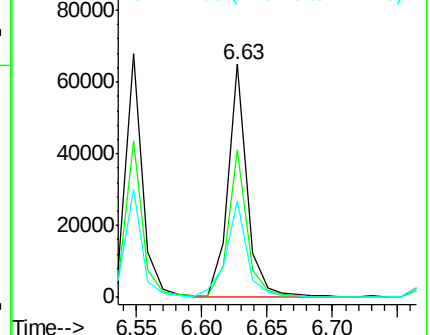
111 41.1 37.5 56.3



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: 5.60 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

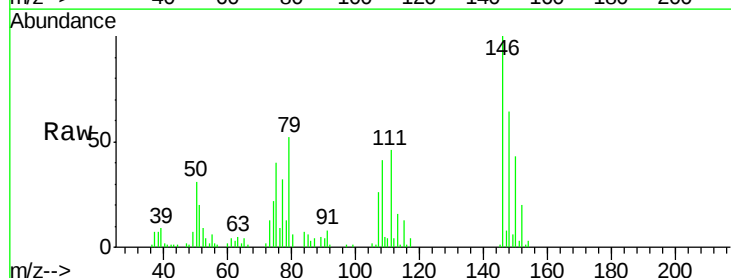
Tgt Ion:146 Resp: 63338

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

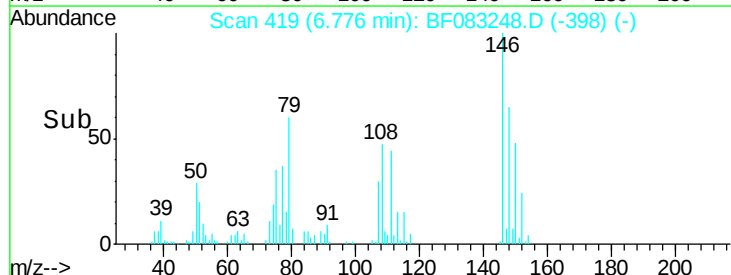
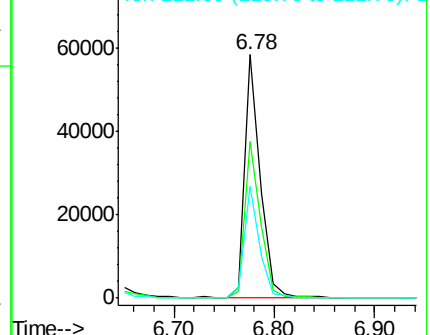
111 46.0 36.2 54.4

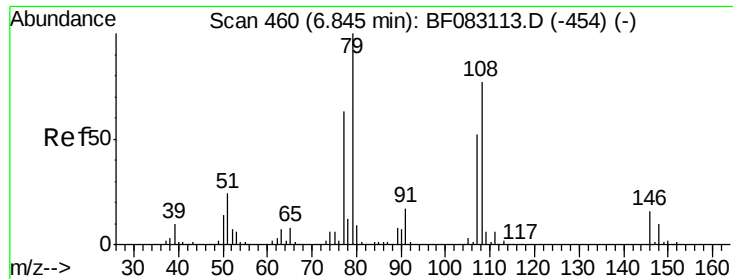


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 4.93 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.07 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

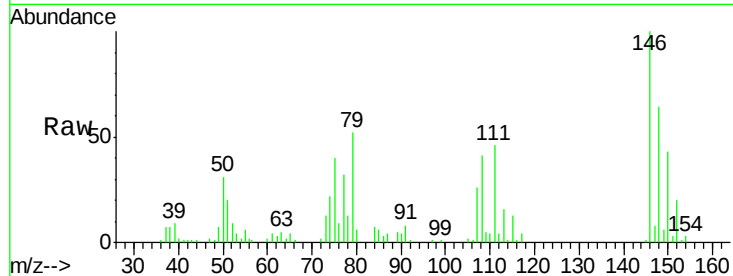
Tgt Ion: 79 Resp: 53238

Ion Ratio Lower Upper

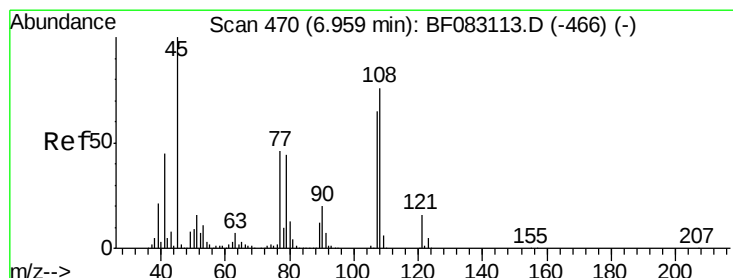
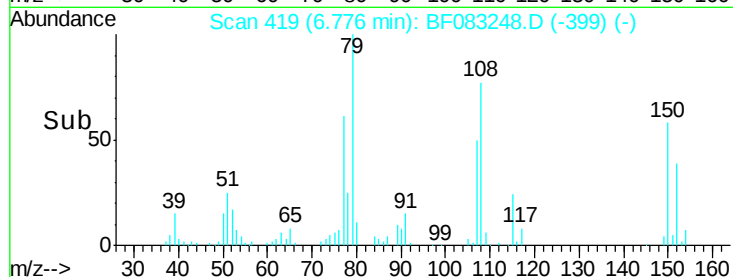
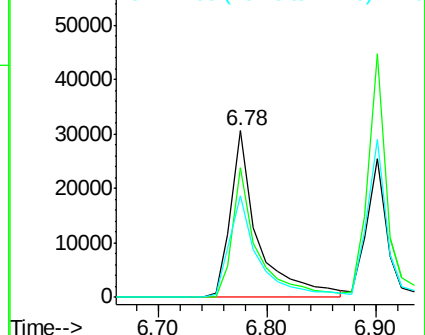
79 100

108 78.1 61.4 92.2

77 61.2 50.5 75.7



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 6.65 ng

RT: 6.90 min Scan# 430

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

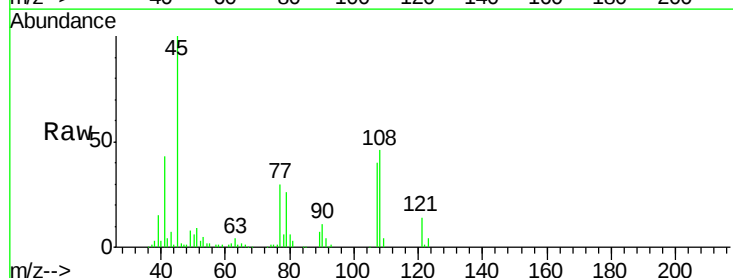
Tgt Ion: 45 Resp: 115641

Ion Ratio Lower Upper

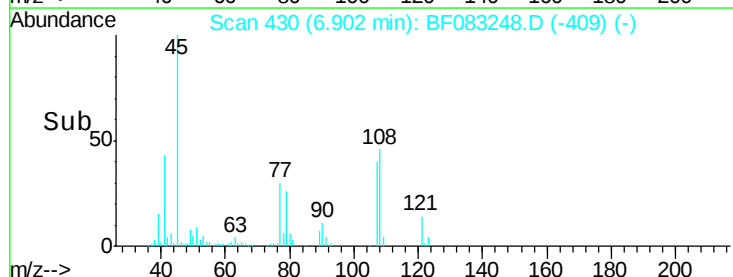
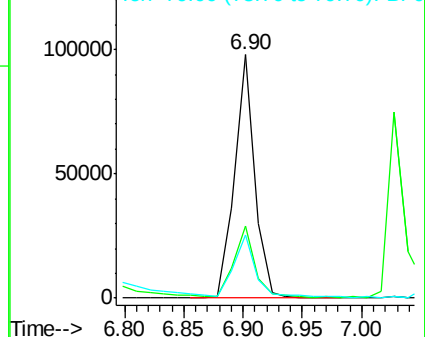
45 100

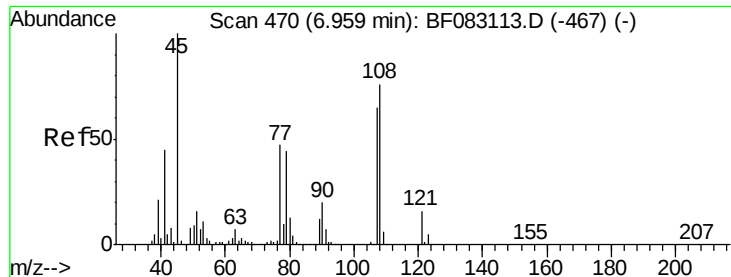
77 29.6 26.7 66.7

79 26.0 24.3 64.3



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

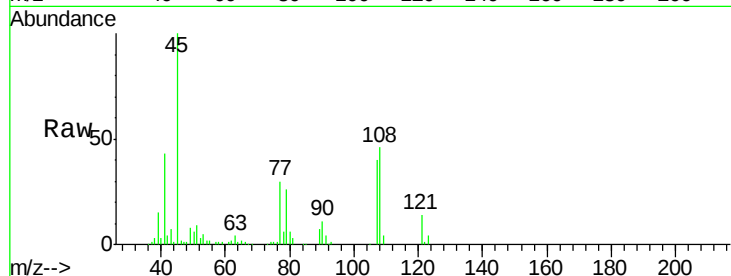




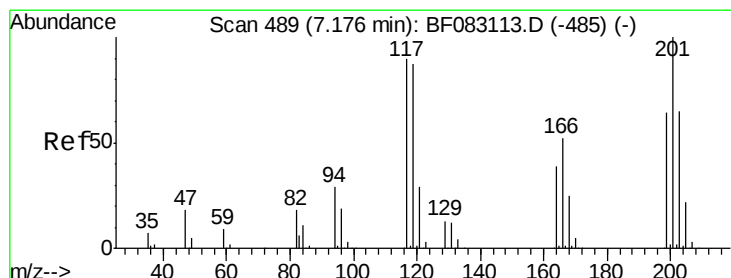
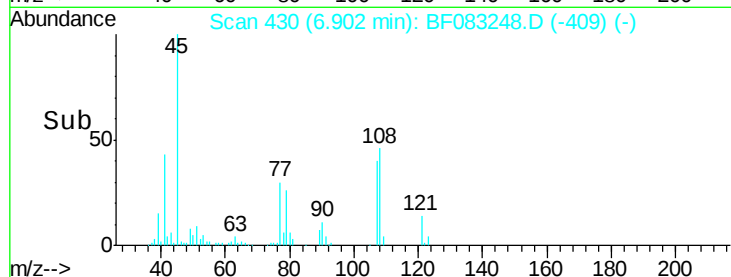
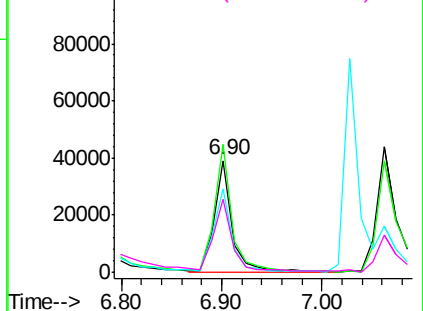
#17
2-Methylphenol
Concen: 5.39 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Tgt Ion:107 Resp: 48084
Ion Ratio Lower Upper
107 100
108 114.5 93.8 140.6
77 74.2 57.4 86.0
79 65.2 54.4 81.6

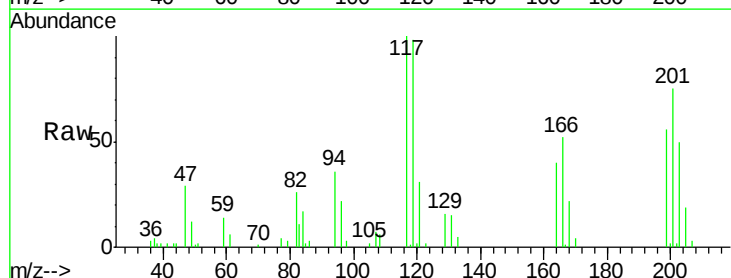


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

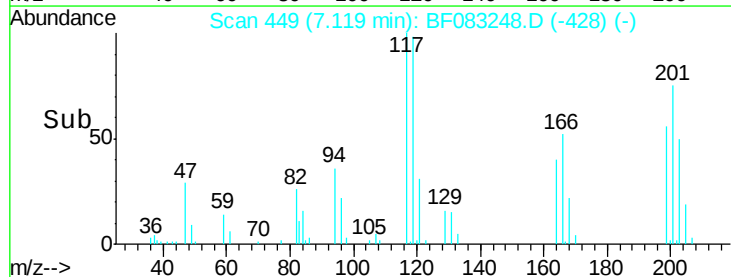
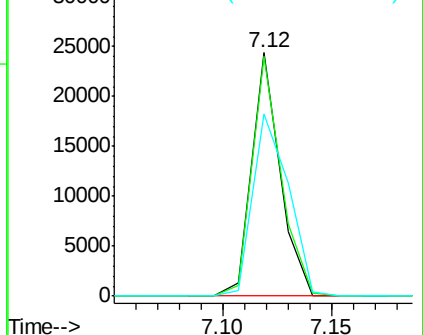


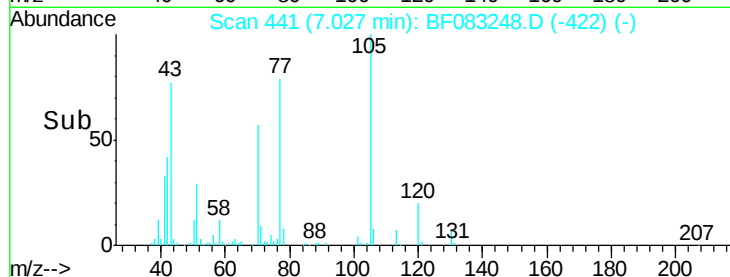
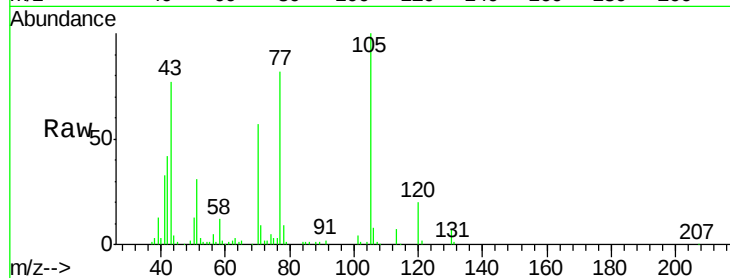
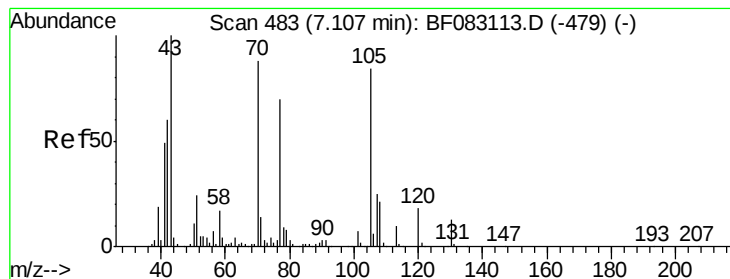
#18
Hexachloroethane
Concen: 5.01 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Tgt Ion:117 Resp: 21985
Ion Ratio Lower Upper
117 100
119 98.3 76.8 115.2
201 74.9 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: 5.73 ng

RT: 7.03 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

Tgt Ion: 70 Resp: 51506

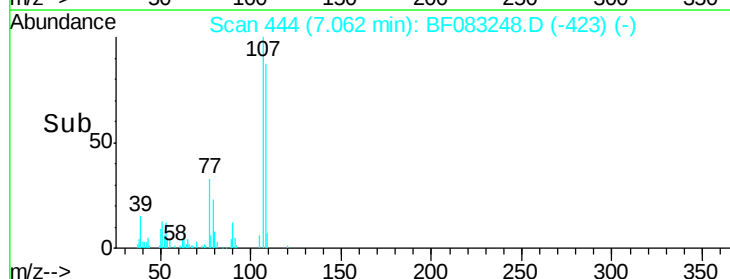
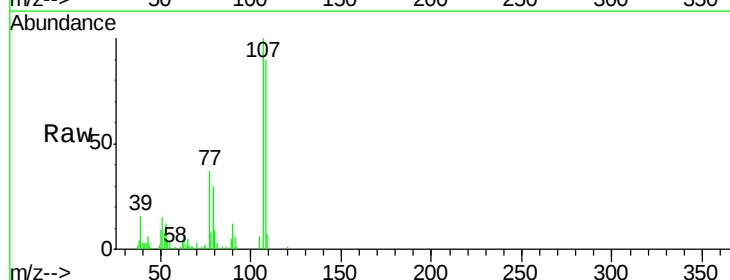
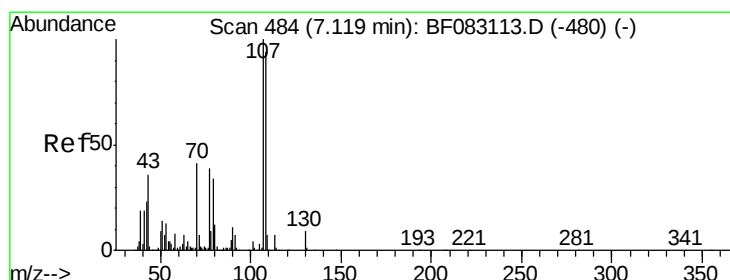
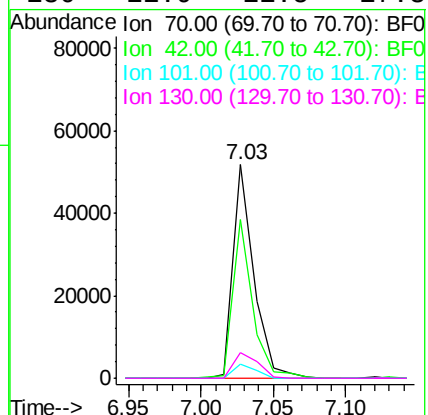
Ion Ratio Lower Upper

70 100

42 74.2 54.5 81.7

101 6.7 6.6 9.8

130 11.9 11.5 17.3



#20

3+4-Methylphenols

Concen: 5.82 ng

RT: 7.06 min Scan# 444

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Tgt Ion: 107 Resp: 65682

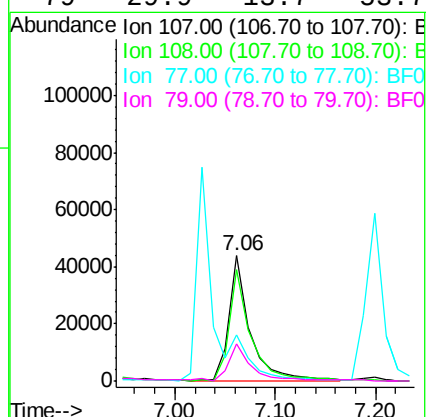
Ion Ratio Lower Upper

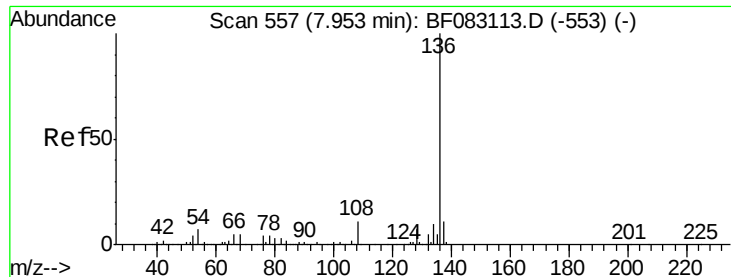
107 100

108 89.5 73.8 113.8

77 36.7 19.1 59.1

79 29.9 13.7 53.7

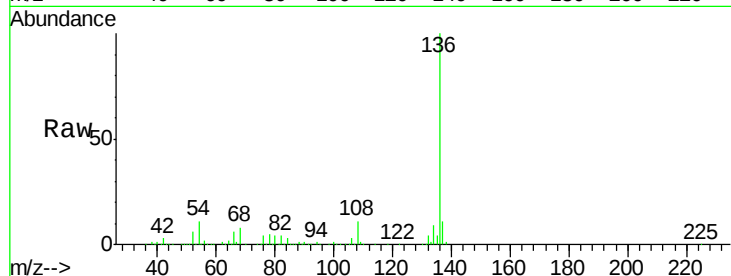




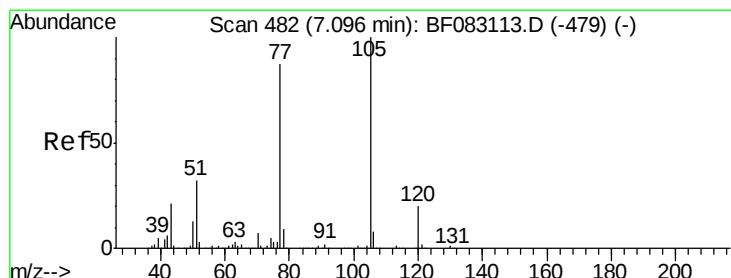
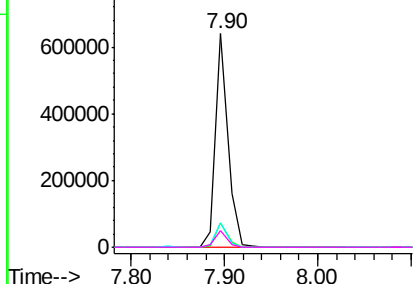
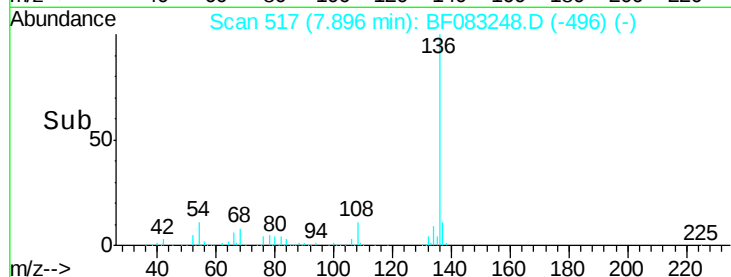
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Tgt Ion:	136	Resp:	594035
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.2	5.8	8.6#
68	7.7	3.8	5.8#

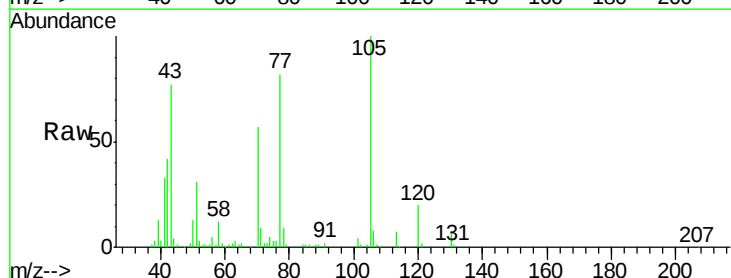


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

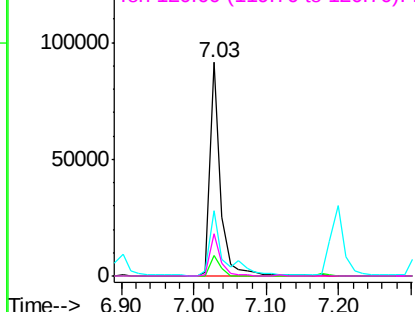
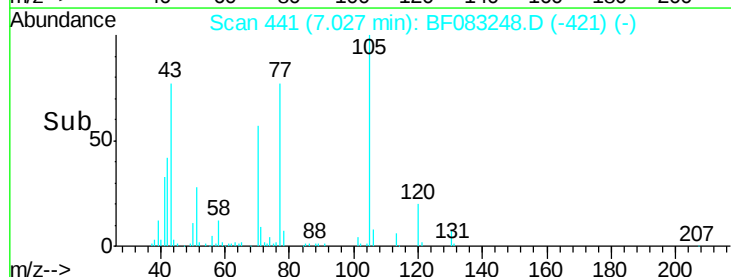


#22
Acetophenone
Concen: 5.35 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Tgt Ion:	105	Resp:	91185
Ion	Ratio	Lower	Upper
105	100		
71	9.4	1.0	1.4#
51	30.7	25.6	38.4
120	20.1	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

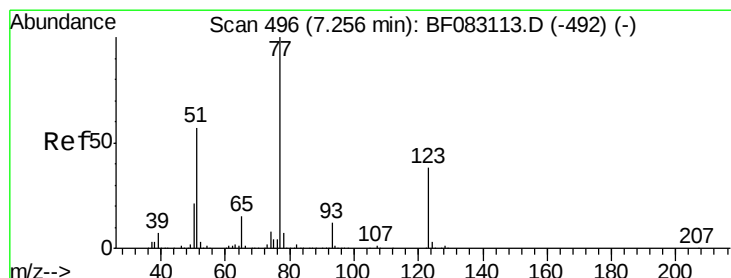
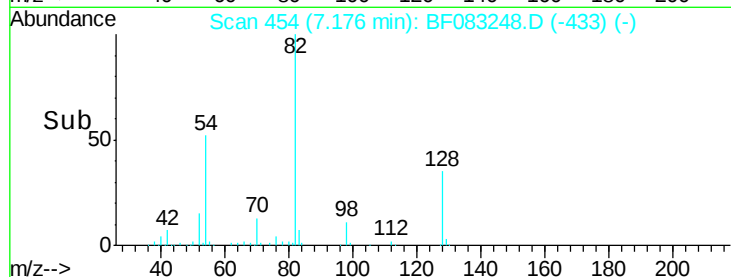
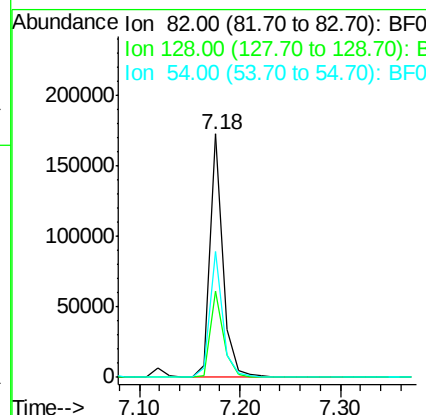
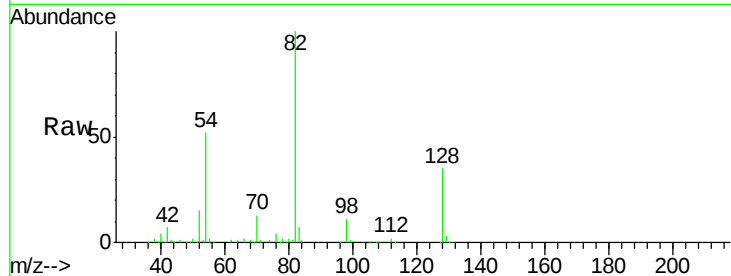




#23
 Nitrobenzene-d5
 Concen: 11.92 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.06 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

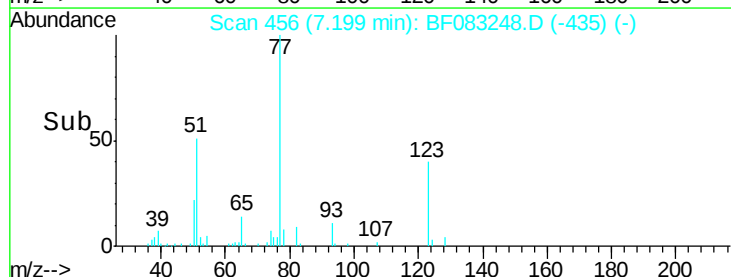
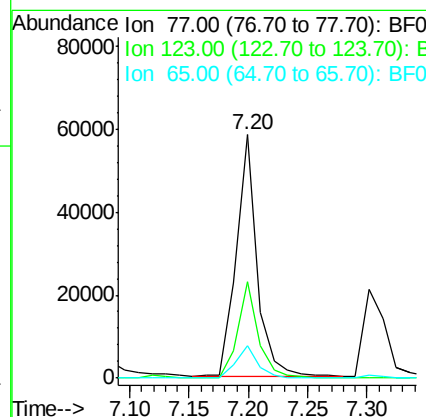
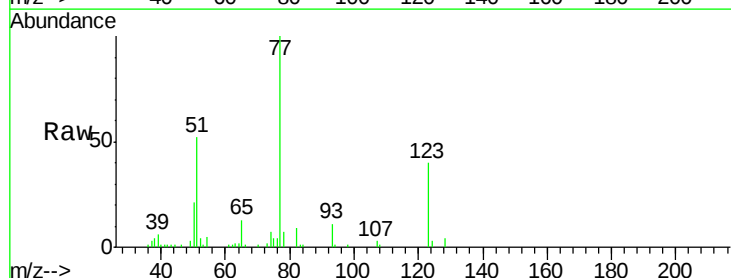
Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

Tgt Ion: 82 Resp: 154904
 Ion Ratio Lower Upper
 82 100
 128 35.4 28.5 42.7
 54 51.7 44.6 67.0



#24
 Nitrobenzene
 Concen: 5.07 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.06 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

Tgt Ion: 77 Resp: 70362
 Ion Ratio Lower Upper
 77 100
 123 39.8 30.1 45.1
 65 13.5 11.6 17.4





#25

Isophorone

Concen: 5.27 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.09 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

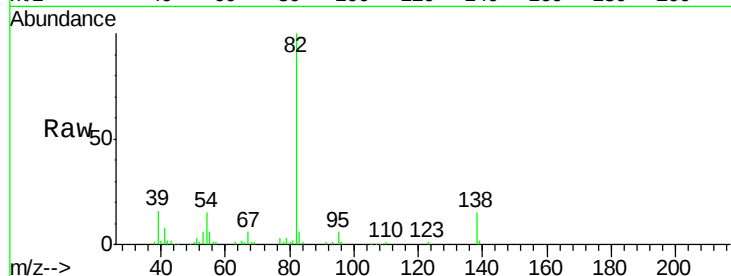
Tgt Ion: 82 Resp: 129639

Ion Ratio Lower Upper

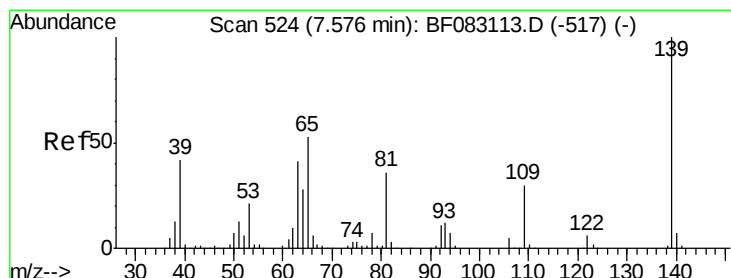
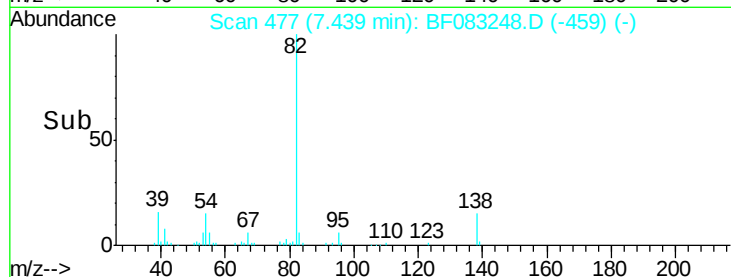
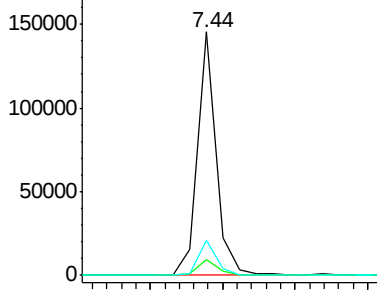
82 100

95 6.4 5.8 8.8

138 14.5 11.6 17.4



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



#26

2-Nitrophenol

Concen: 4.68 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

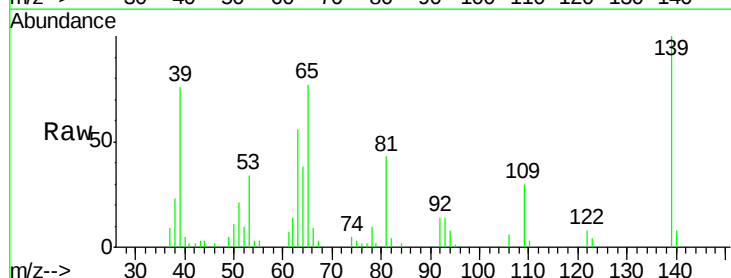
Tgt Ion: 139 Resp: 28707

Ion Ratio Lower Upper

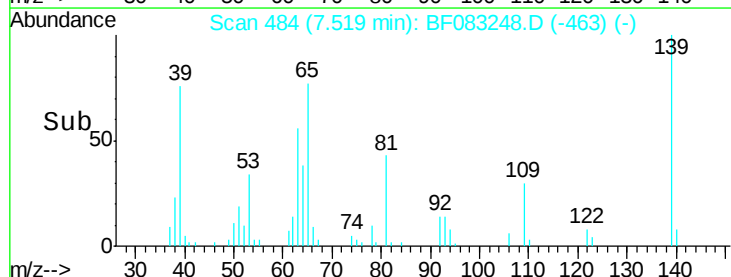
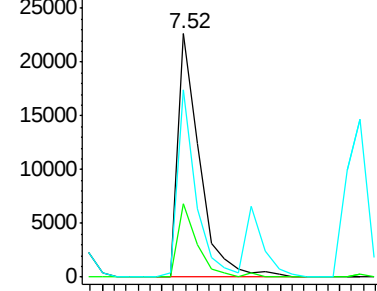
139 100

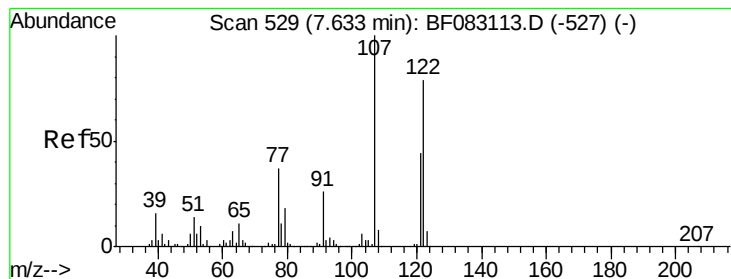
109 30.2 23.9 35.9

65 77.0 42.7 64.1#



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





#27

2,4-Dimethylphenol

Concen: 5.12 ng

RT: 7.58 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

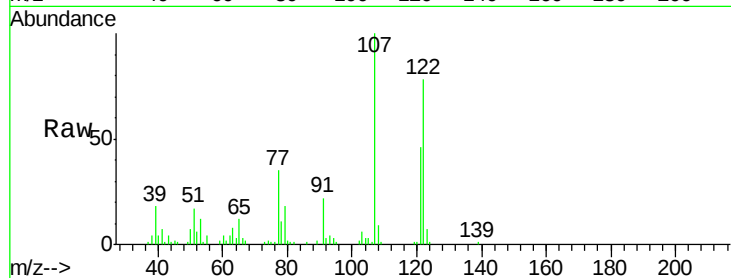
Tgt Ion:122 Resp: 50089

Ion Ratio Lower Upper

122 100

107 128.6 101.1 151.7

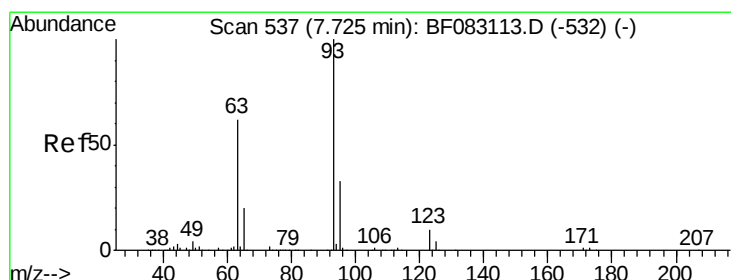
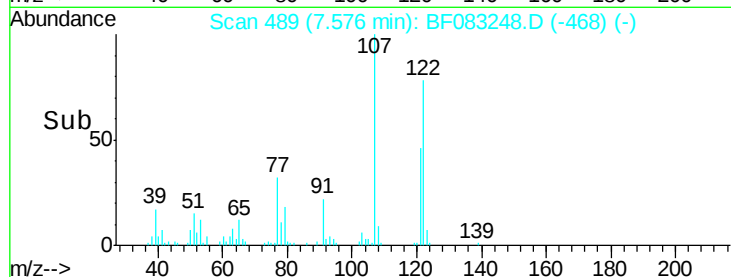
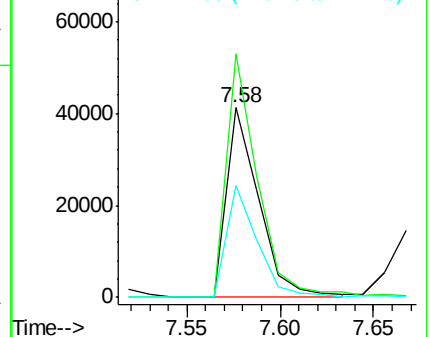
121 59.1 44.9 67.3



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: 5.46 ng

RT: 7.67 min Scan# 497

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

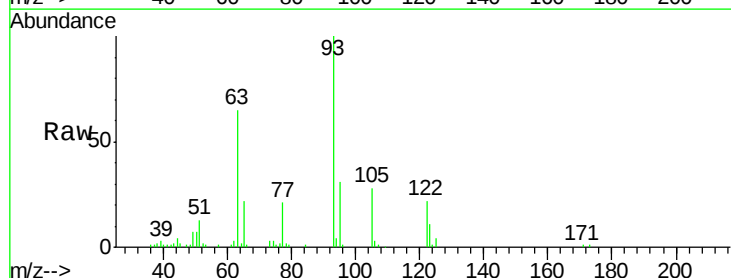
Tgt Ion: 93 Resp: 78200

Ion Ratio Lower Upper

93 100

95 31.3 26.5 39.7

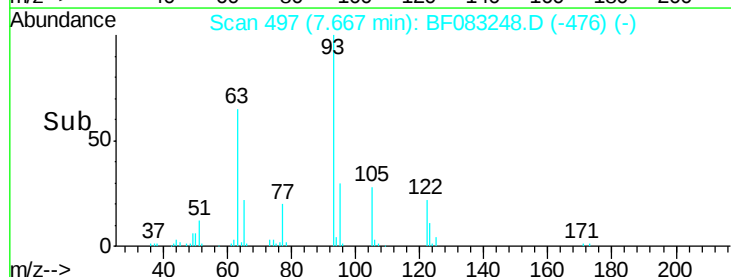
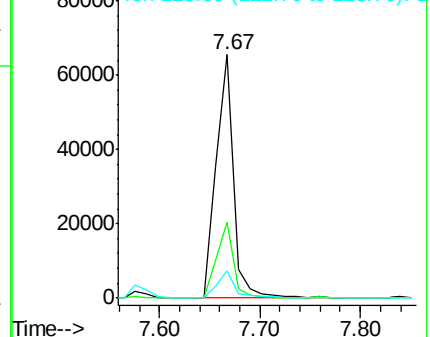
123 11.2 8.1 12.1

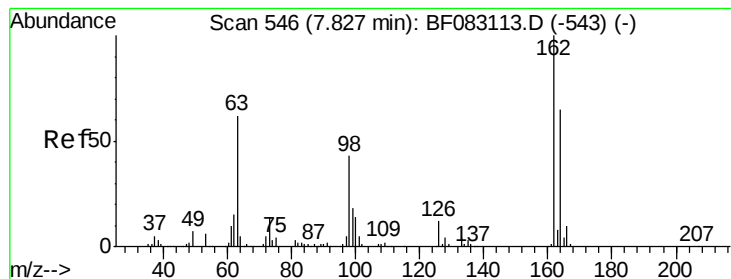


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 5.16 ng

RT: 7.78 min Scan# 507

Delta R.T. -0.05 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

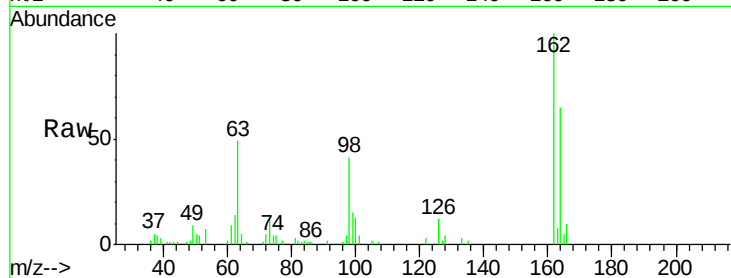
Tgt Ion:162 Resp: 47998

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

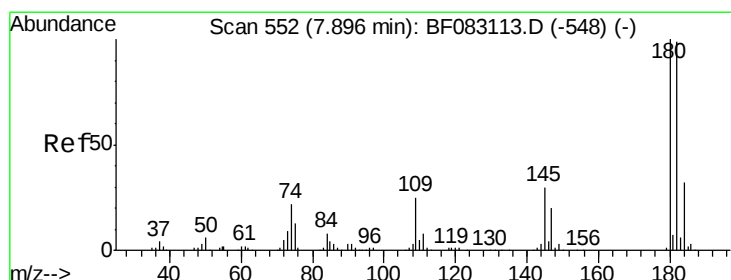
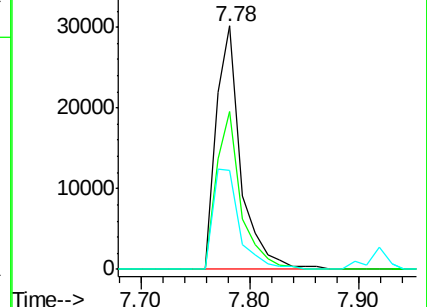
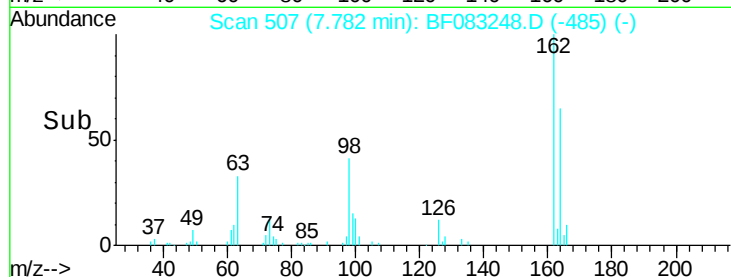
98 40.5 23.1 63.1



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: 5.04 ng

RT: 7.84 min Scan# 512

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

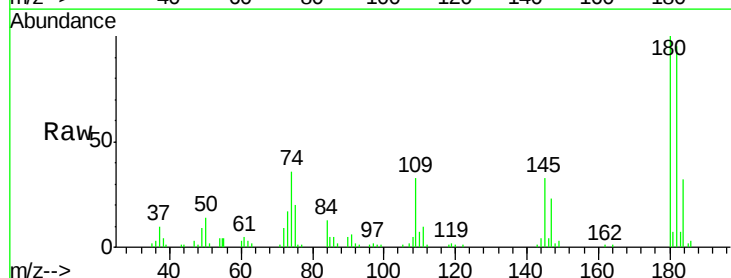
Tgt Ion:180 Resp: 51529

Ion Ratio Lower Upper

180 100

182 95.2 79.0 118.6

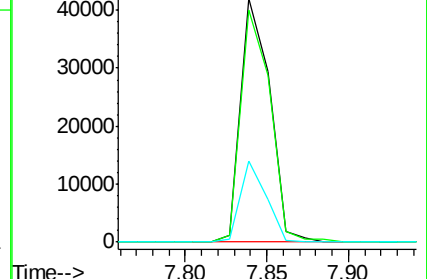
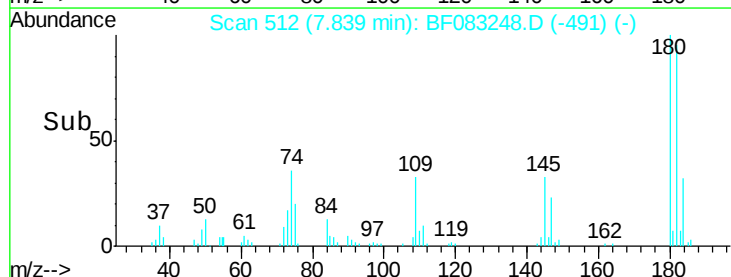
145 33.1 24.2 36.2

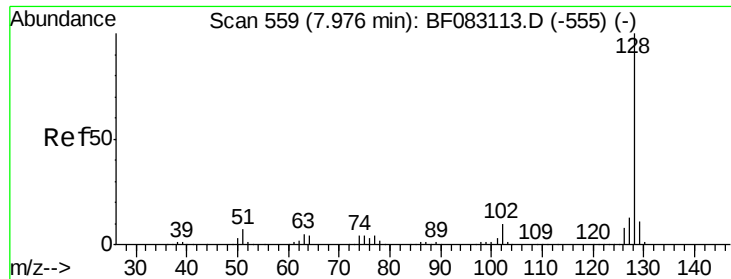


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

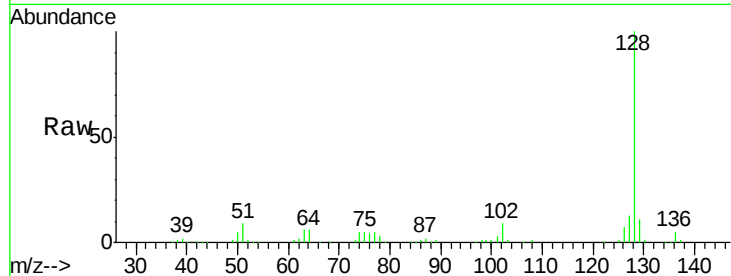




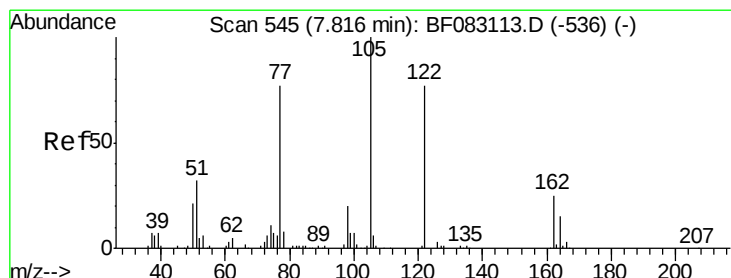
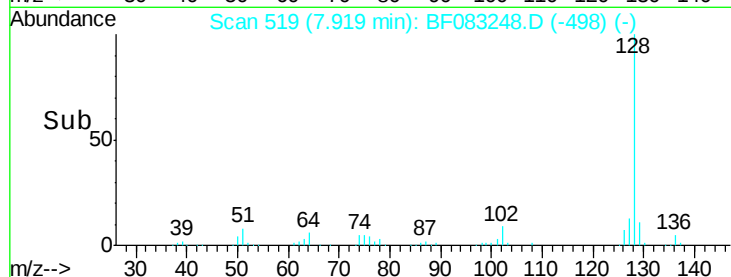
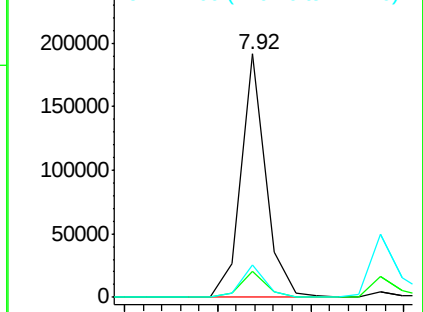
#31
Naphthalene
Concen: 5.53 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Tgt Ion:128 Resp: 177182
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.3 10.6 15.8

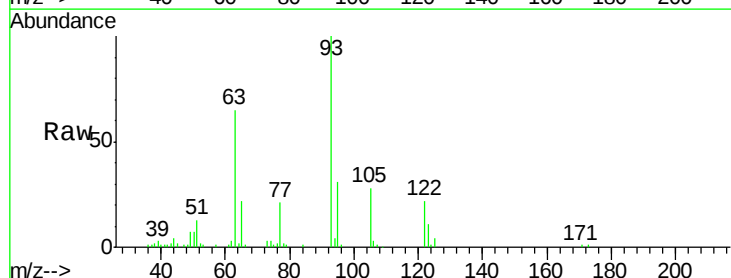


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

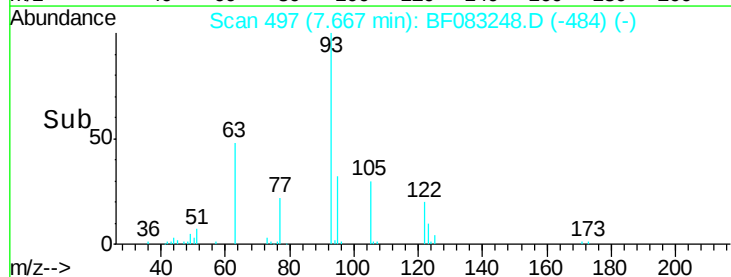
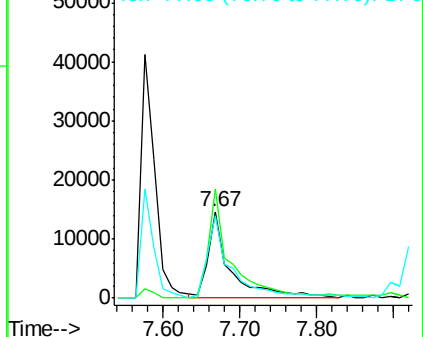


#32
Benzoic acid
Concen: 3.92 ng
RT: 7.67 min Scan# 497
Delta R.T. -0.15 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Tgt Ion:122 Resp: 29817
Ion Ratio Lower Upper
122 100
105 126.4 109.7 149.7
77 95.7 79.7 119.7



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

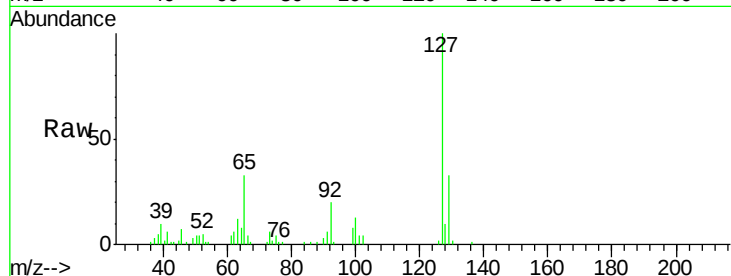




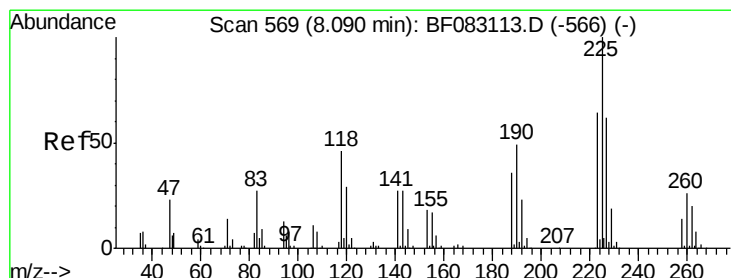
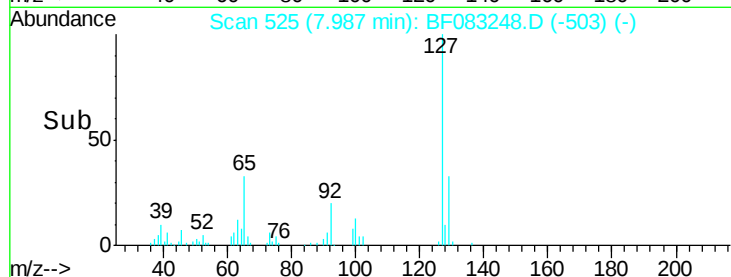
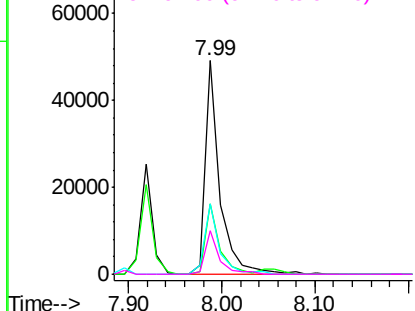
#33
4-Chloroaniline
Concen: 4.36 ng
RT: 7.99 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Tgt Ion:	127	Resp:	54191
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.7	38.5
65	33.1	35.5	53.3#
92	20.4	19.4	29.2

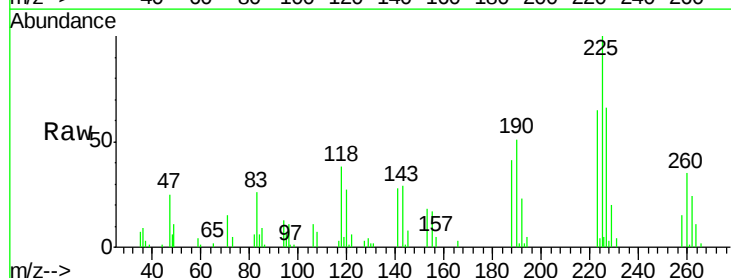


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

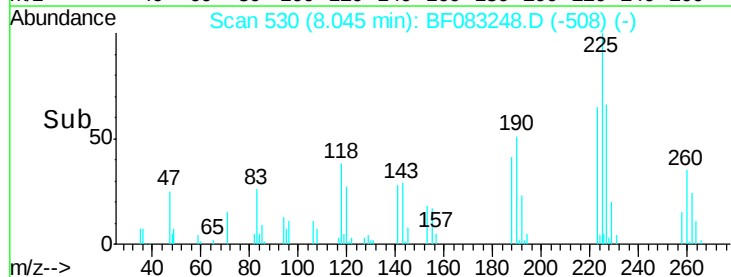
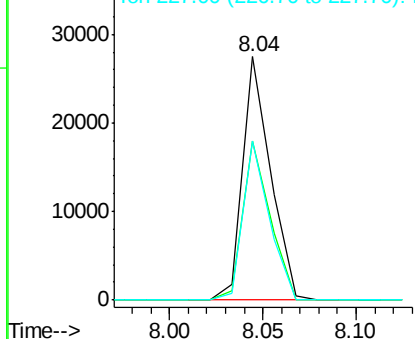


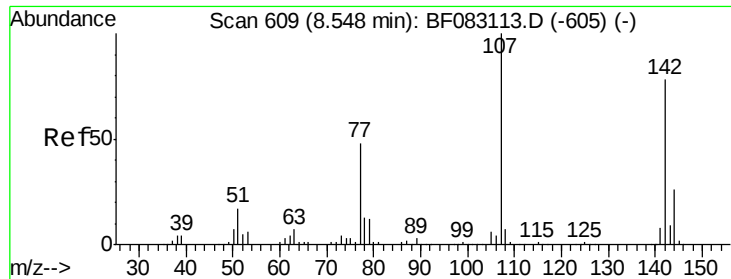
#34
Hexachlorobutadiene
Concen: 4.72 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Tgt Ion:	225	Resp:	28520
Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.3	76.9
227	65.5	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

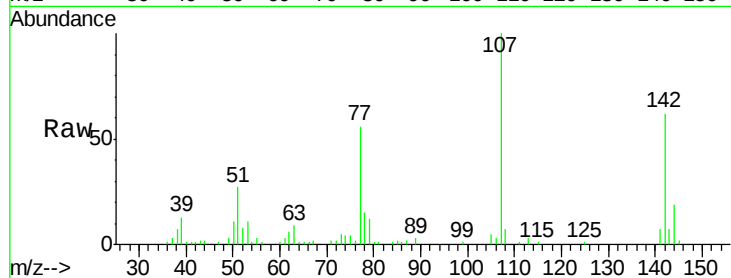




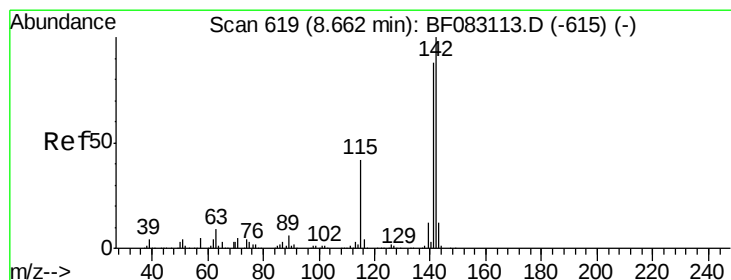
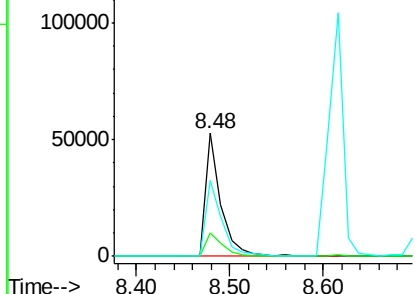
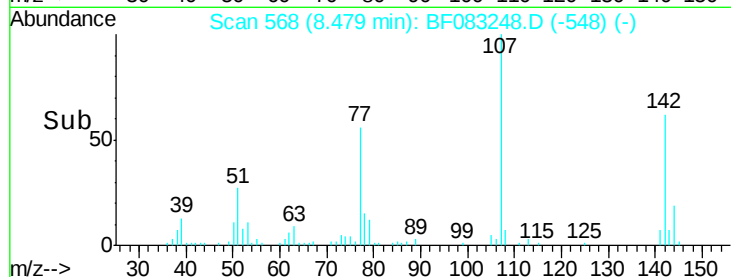
#36
 4-Chloro-3-methylphenol
 Concen: 5.62 ng
 RT: 8.48 min Scan# 568
 Delta R.T. -0.07 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

Tgt Ion:107 Resp: 60638
 Ion Ratio Lower Upper
 107 100
 144 19.3 20.8 31.2#
 142 62.3 62.1 93.1

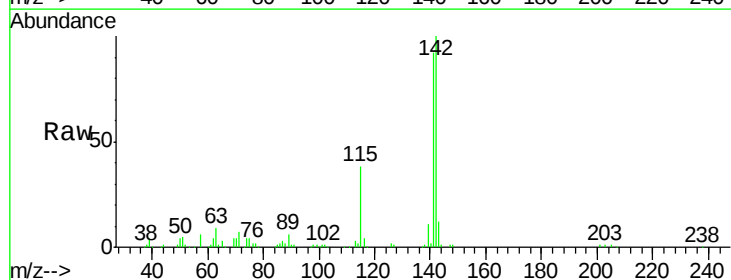


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

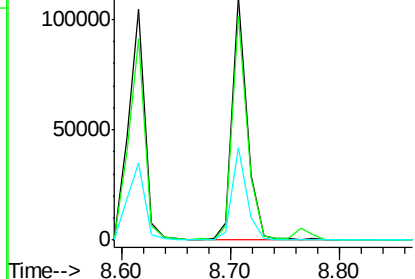
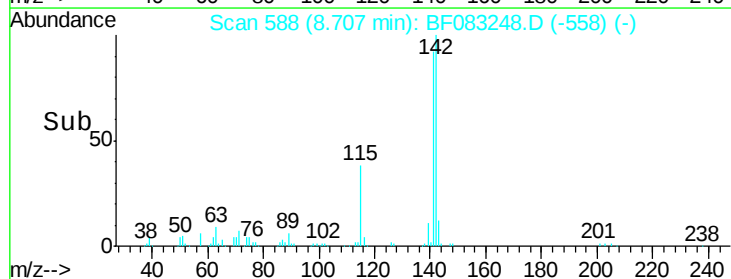


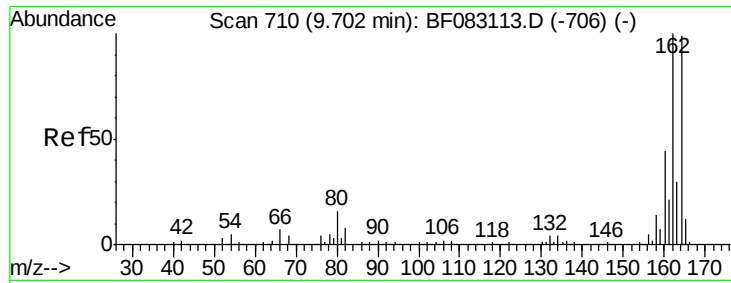
#37
 2-Methylnaphthalene
 Concen: 5.02 ng
 RT: 8.71 min Scan# 588
 Delta R.T. 0.05 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

Tgt Ion:142 Resp: 104423
 Ion Ratio Lower Upper
 142 100
 141 91.9 70.3 105.5
 115 37.9 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

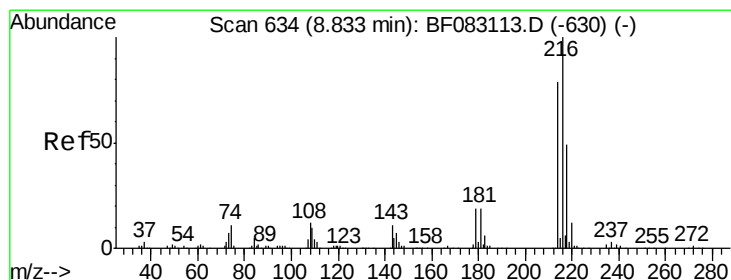
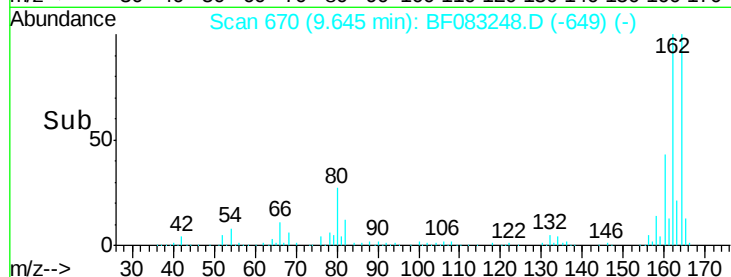
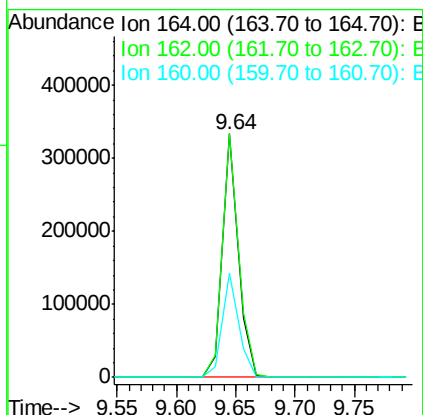
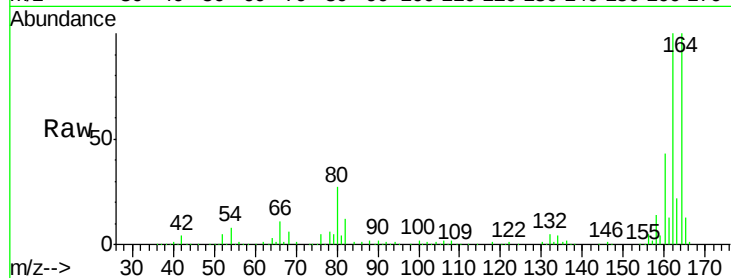




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.06 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

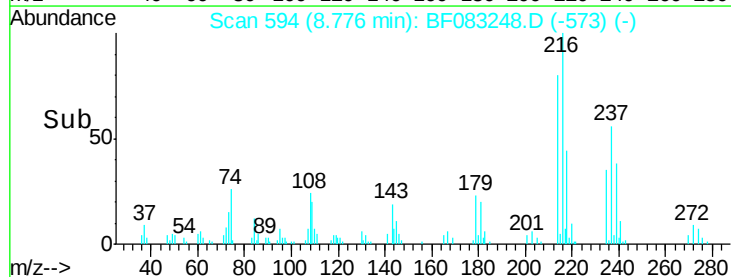
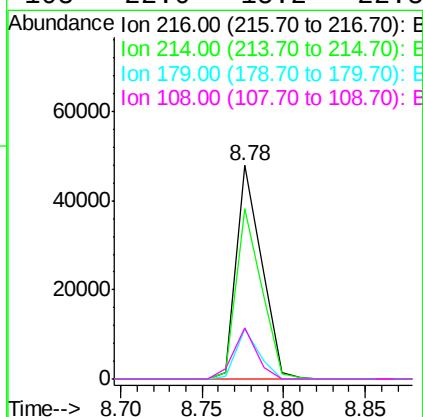
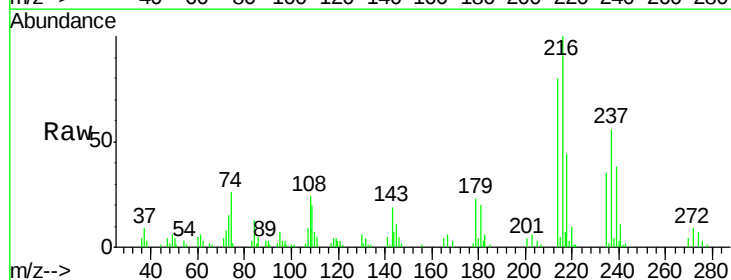
Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

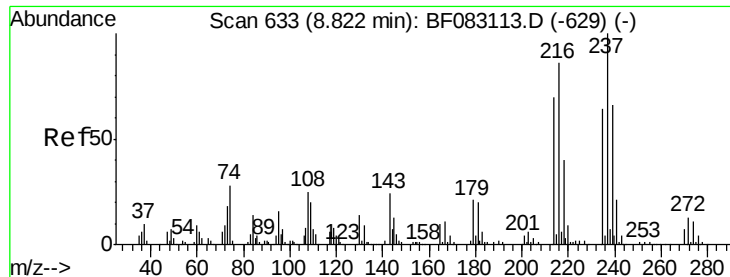
Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.2	121.8
160	42.6	35.6	53.4



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.18 ng
 RT: 8.78 min Scan# 594
 Delta R.T. -0.06 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	21.1	17.0	25.6
108	22.0	15.2	22.8

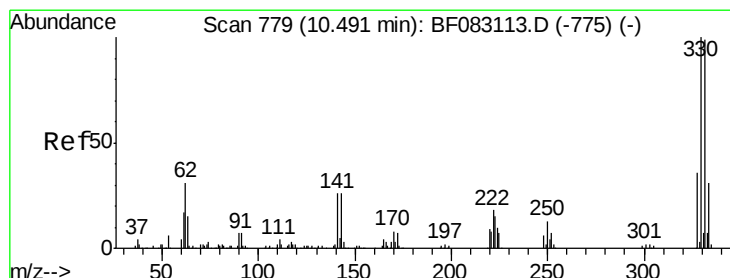
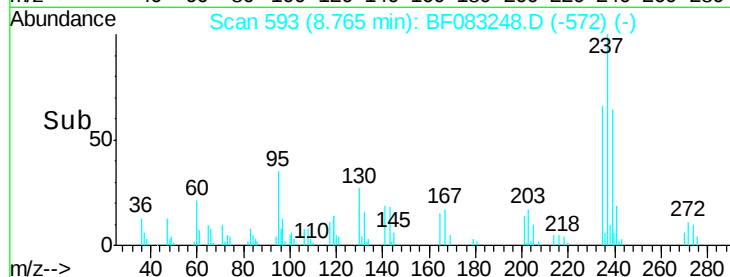
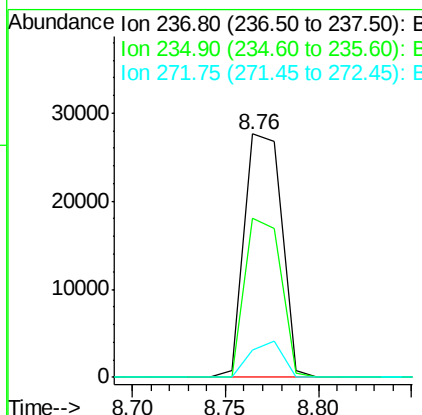
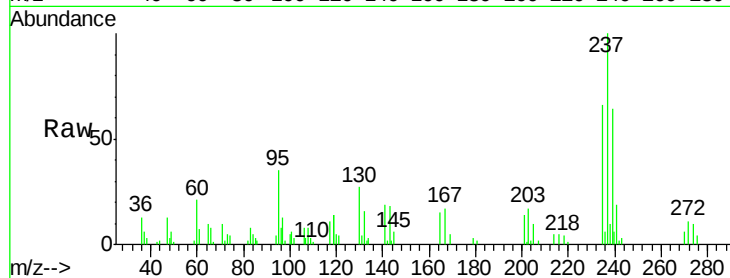




#40
Hexachlorocyclopentadiene
Concen: 6.81 ng
RT: 8.76 min Scan# 593
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

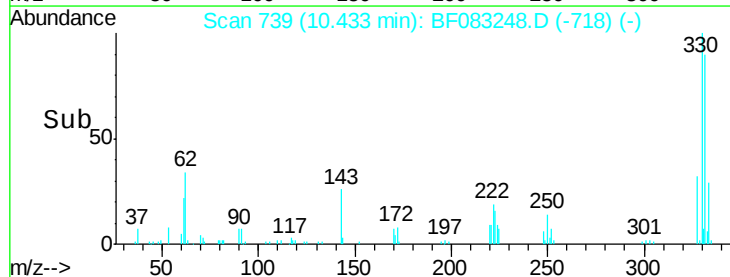
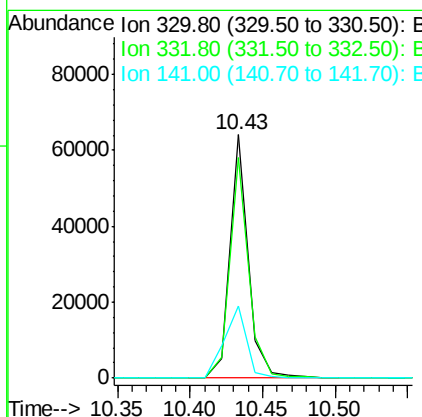
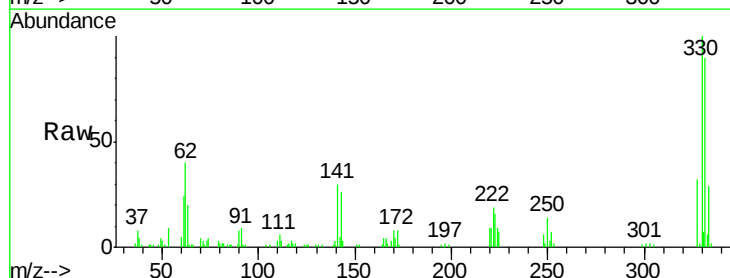
Instrument :
BNA_F
ClientSampleId :
PB86810BS

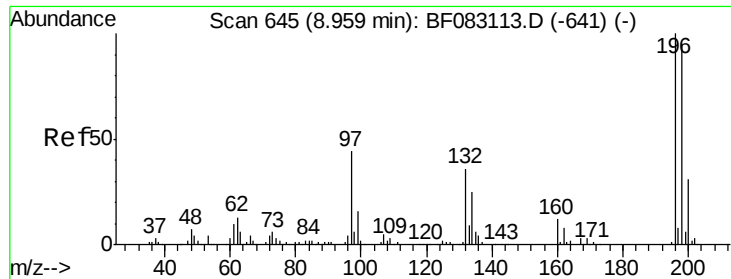
Tgt Ion: 237 Resp: 38458
Ion Ratio Lower Upper
237 100
235 65.5 43.5 83.5
272 11.3 0.0 33.1



#41
2,4,6-Tribromophenol
Concen: 17.87 ng
RT: 10.43 min Scan# 739
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Tgt Ion: 330 Resp: 56007
Ion Ratio Lower Upper
330 100
332 93.6 77.7 116.5
141 35.8 29.7 44.5

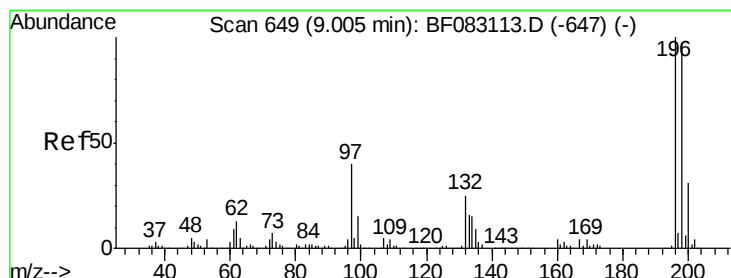
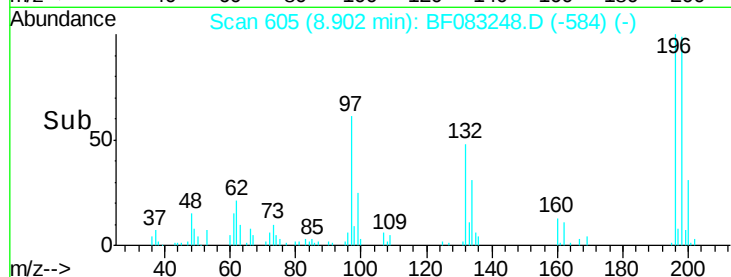
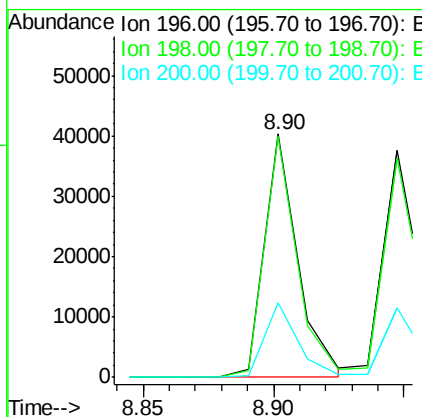
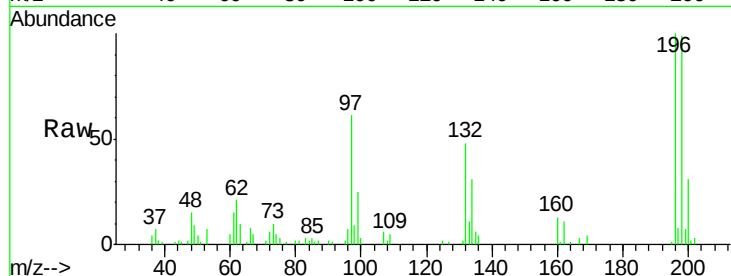




#42
 2,4,6-Trichlorophenol
 Concen: 5.07 ng
 RT: 8.90 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

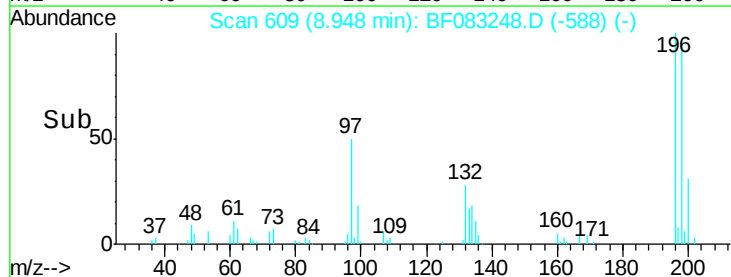
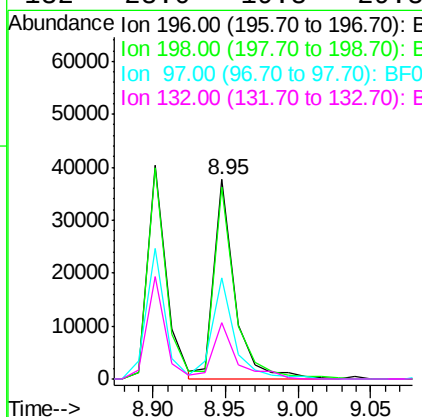
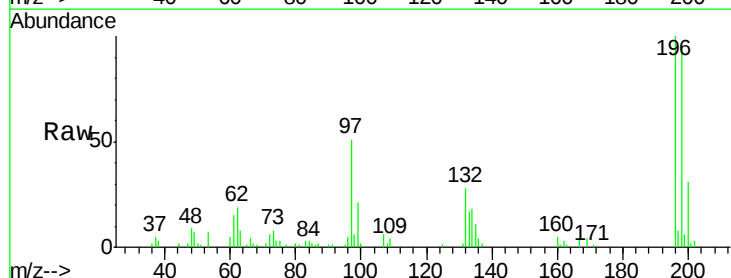
Instrument :
 BNA_F
 ClientSampled :
 PB86810BS

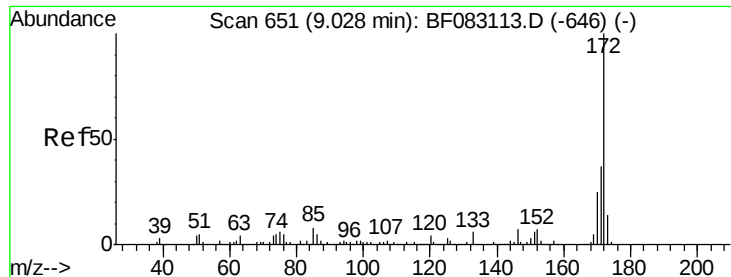
Tgt Ion:196 Resp: 36049
 Ion Ratio Lower Upper
 196 100
 198 98.8 75.9 113.9
 200 30.7 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 5.25 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.06 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

Tgt Ion:196 Resp: 38192
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.6 116.4
 97 50.8 32.6 48.8#
 132 28.0 19.8 29.8

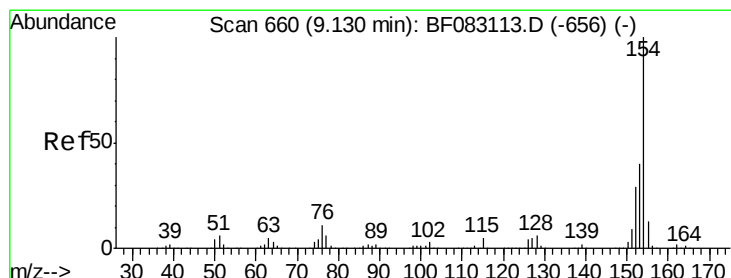
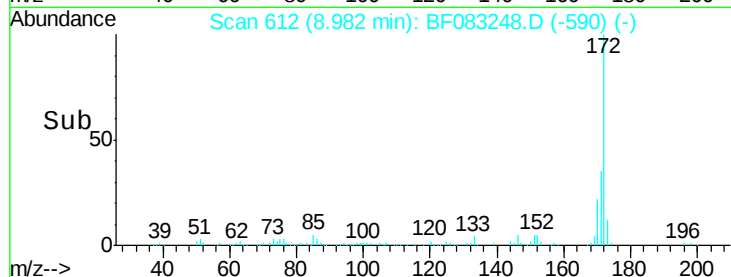
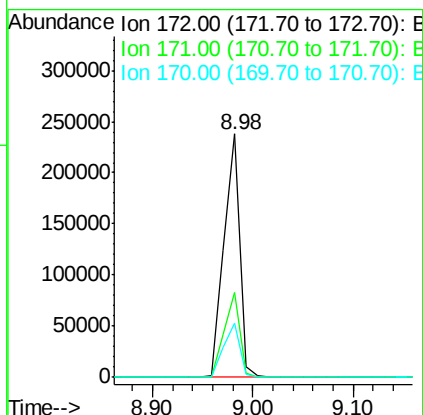
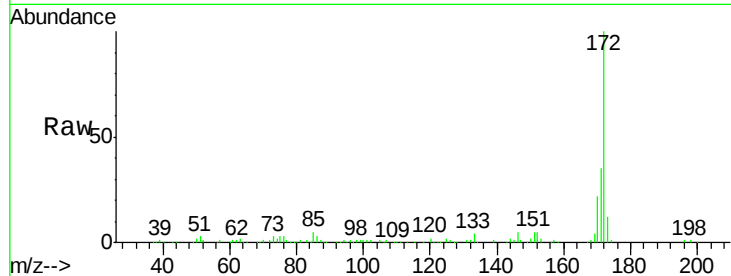




#44
 2-Fluorobiphenyl
 Concen: 11.87 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

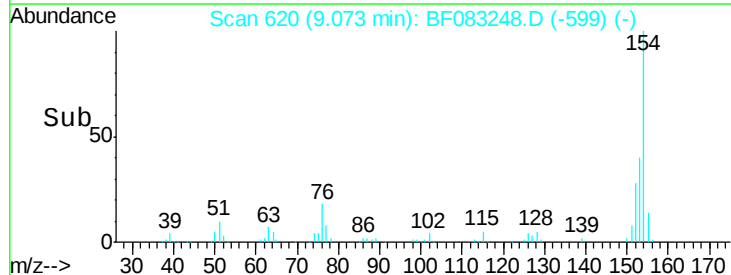
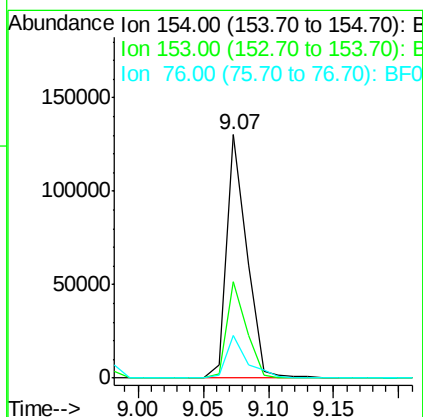
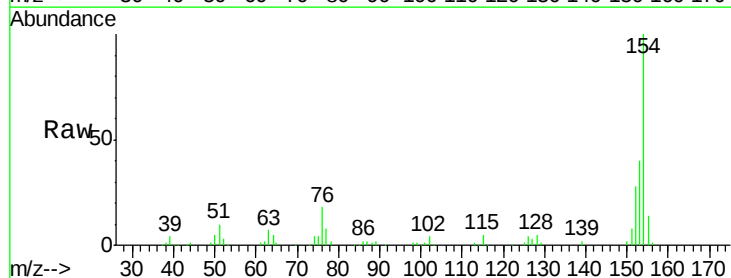
Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

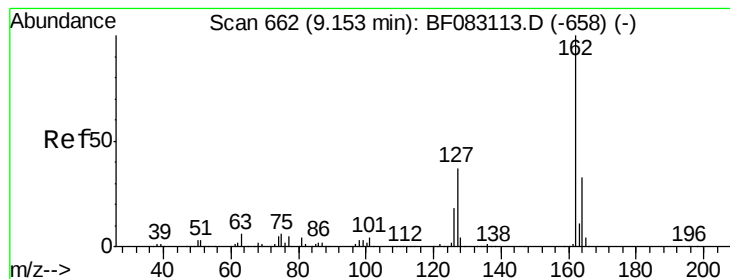
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.5	44.3
170	22.4	19.9	29.9



#45
 1,1'-Biphenyl
 Concen: 5.38 ng
 RT: 9.07 min Scan# 620
 Delta R.T. -0.06 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.5	60.5
76	17.7	0.0	31.2





#46

2-Chloronaphthalene

Concen: 5.54 ng

RT: 9.10 min Scan# 622

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

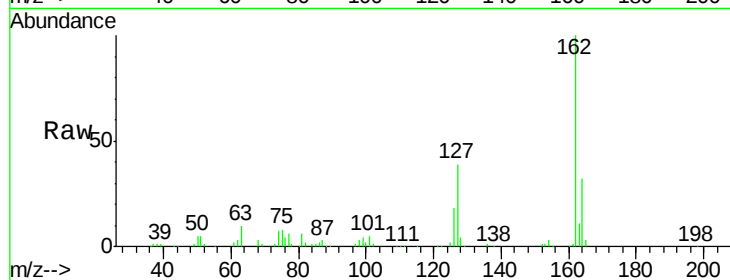
Tgt Ion: 162 Resp: 113378

Ion Ratio Lower Upper

162 100

127 38.9 29.4 44.2

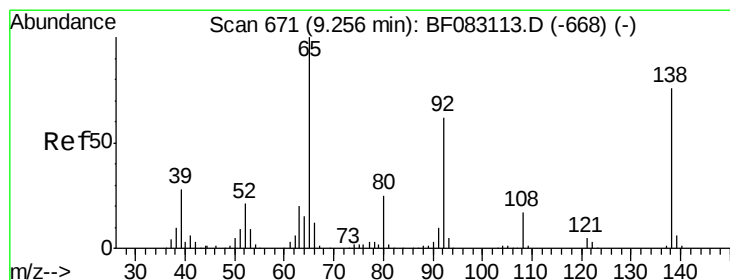
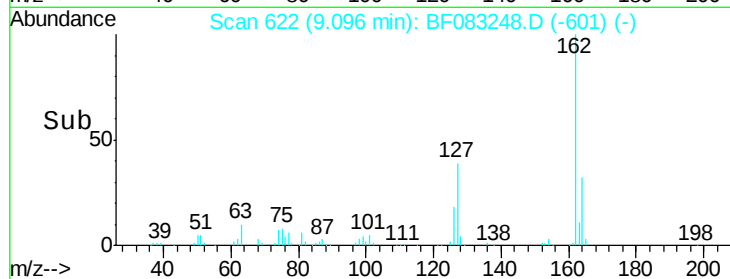
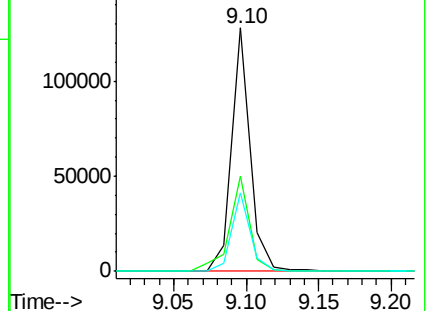
164 32.5 26.2 39.4



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: 5.24 ng

RT: 9.20 min Scan# 631

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

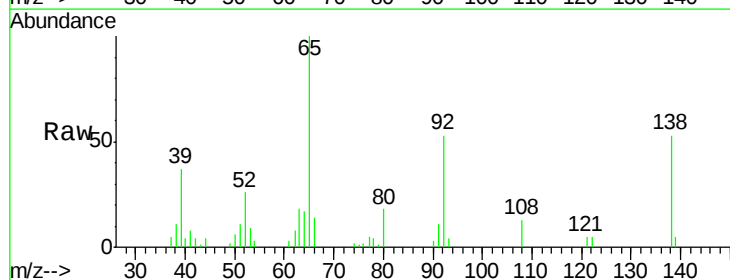
Tgt Ion: 65 Resp: 37971

Ion Ratio Lower Upper

65 100

92 52.9 49.5 74.3

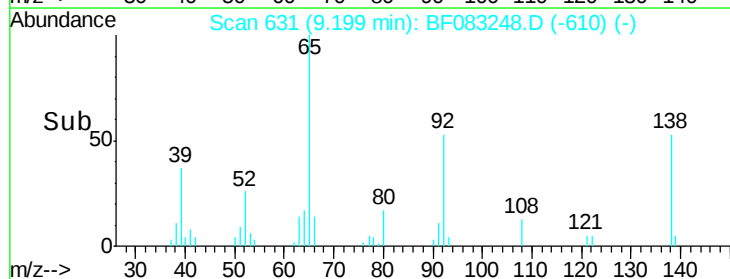
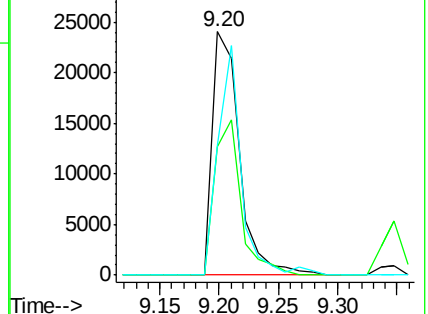
138 53.0 60.7 91.1#

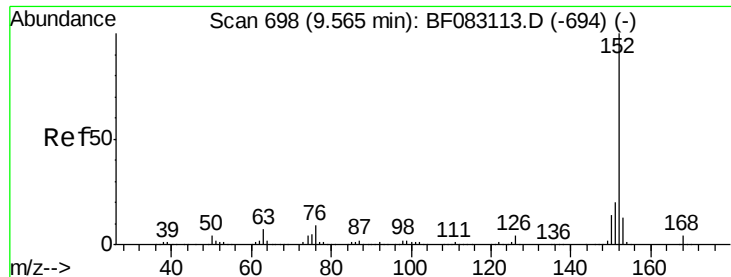


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 5.90 ng

RT: 9.51 min Scan# 658

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

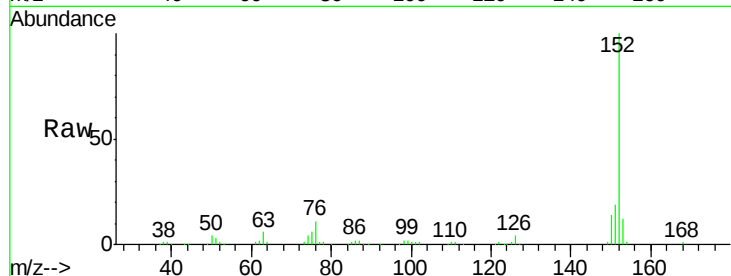
Tgt Ion:152 Resp: 187144

Ion Ratio Lower Upper

152 100

151 19.0 16.3 24.5

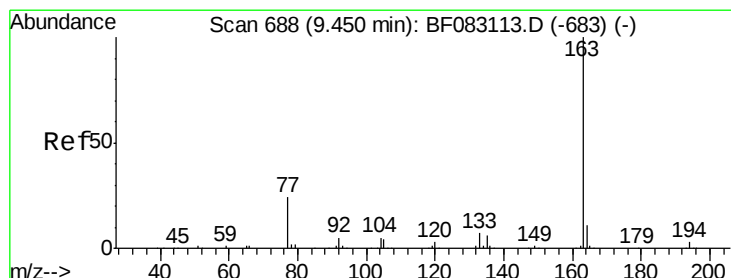
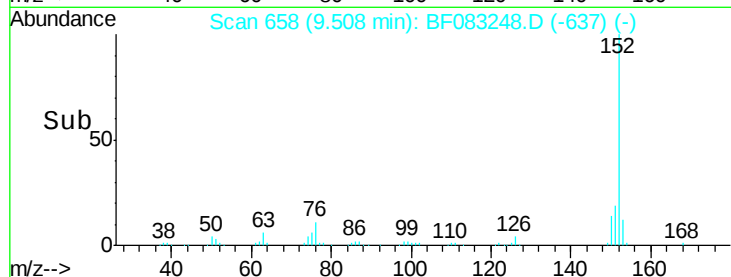
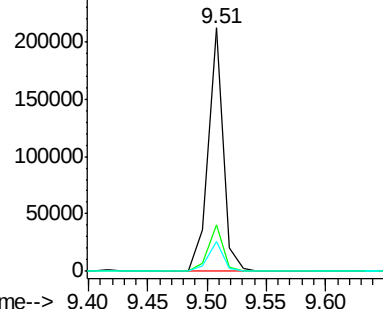
153 12.4 10.8 16.2



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: 5.88 ng

RT: 9.38 min Scan# 647

Delta R.T. -0.07 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

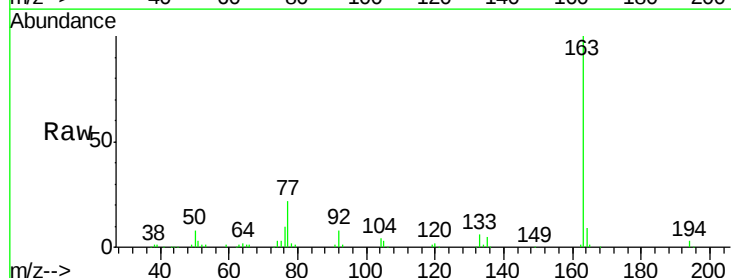
Tgt Ion:163 Resp: 138645

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

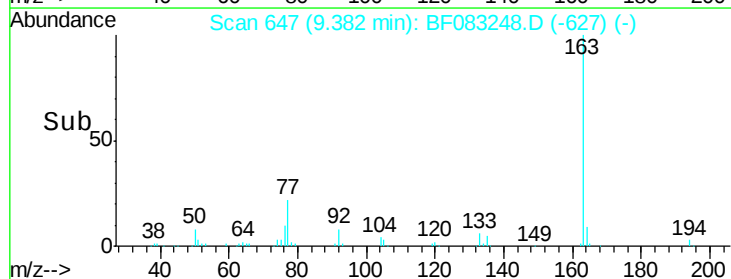
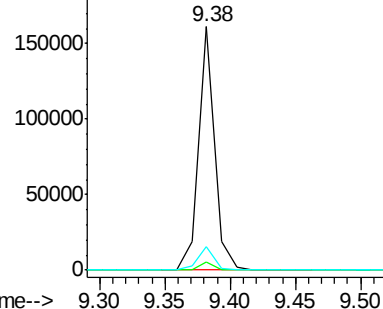
164 9.5 8.6 12.8

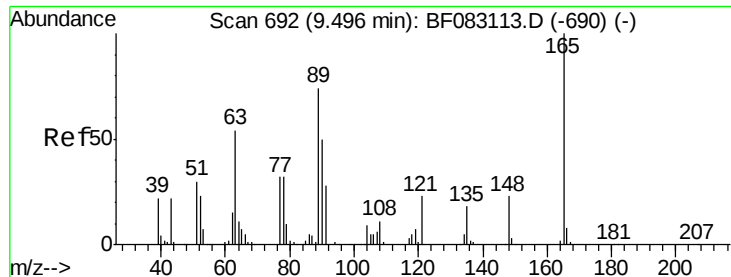


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

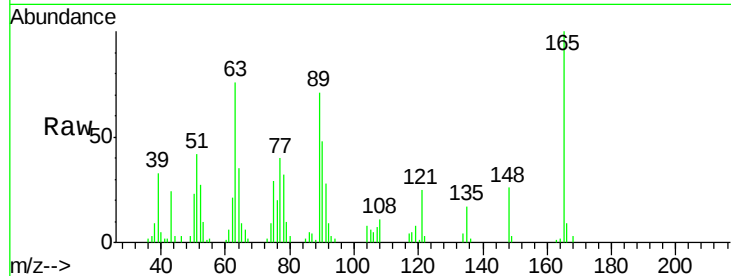




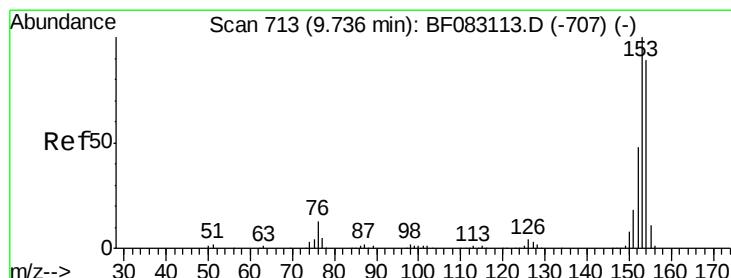
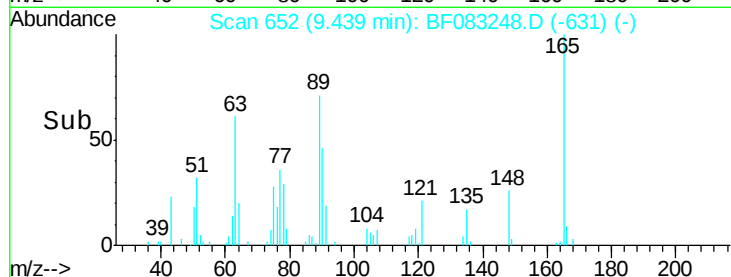
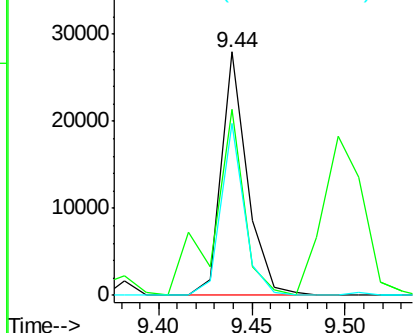
#50
2,6-Dinitrotoluene
Concen: 5.13 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Tgt Ion:165 Resp: 27141
Ion Ratio Lower Upper
165 100
63 76.5 62.5 93.7
89 70.6 59.1 88.7

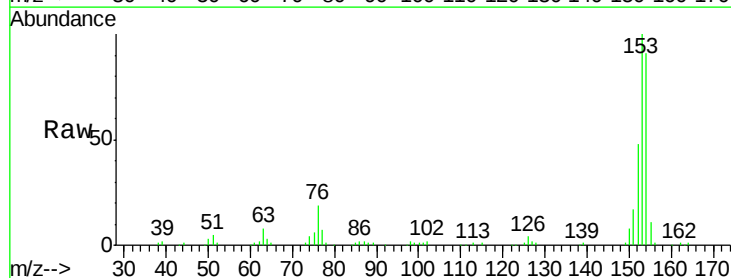


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

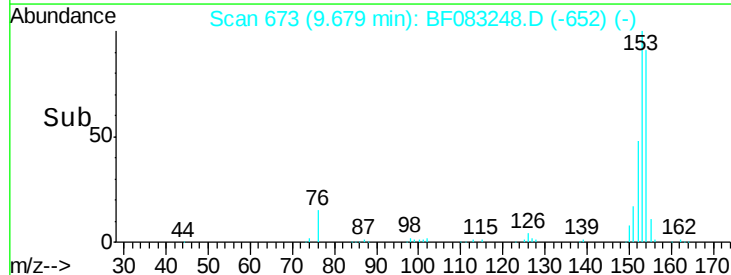
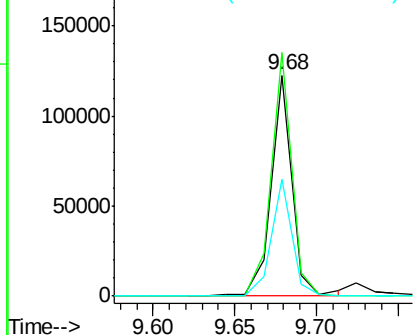


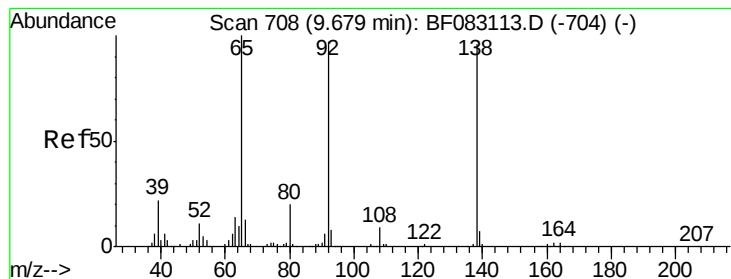
#51
Acenaphthene
Concen: 5.69 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Tgt Ion:154 Resp: 109985
Ion Ratio Lower Upper
154 100
153 110.2 89.6 134.4
152 52.6 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 4.85 ng

RT: 9.61 min Scan# 667

Delta R.T. -0.07 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

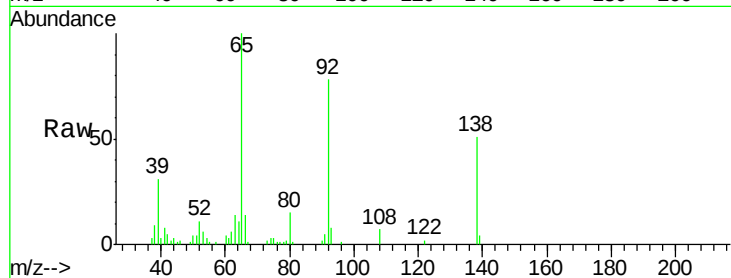
Tgt Ion:138 Resp: 27358

Ion Ratio Lower Upper

138 100

108 13.2 7.8 11.6#

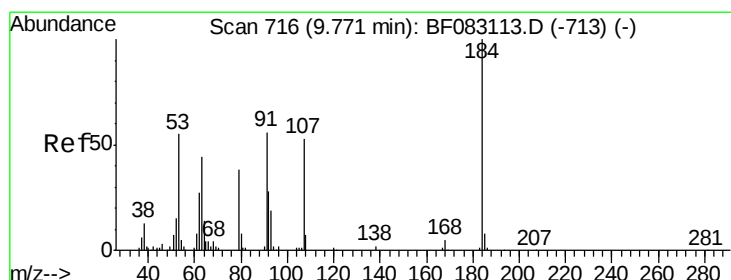
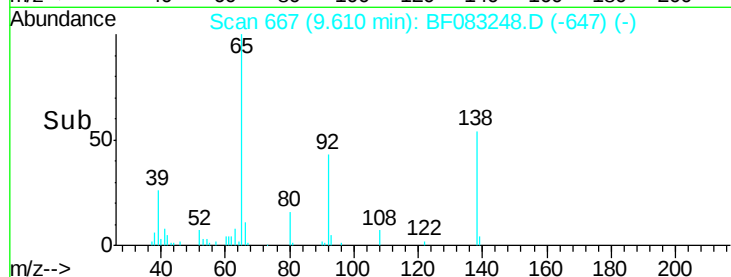
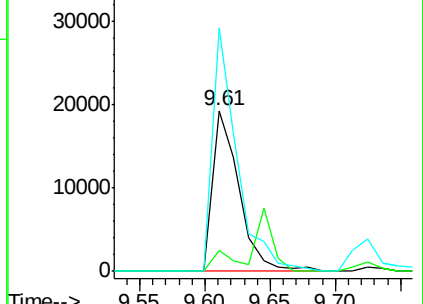
92 151.6 81.1 121.7#



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: 6.51 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

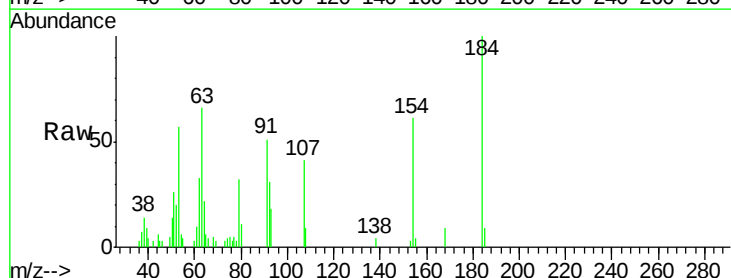
Tgt Ion:184 Resp: 19857

Ion Ratio Lower Upper

184 100

63 65.8 60.5 90.7

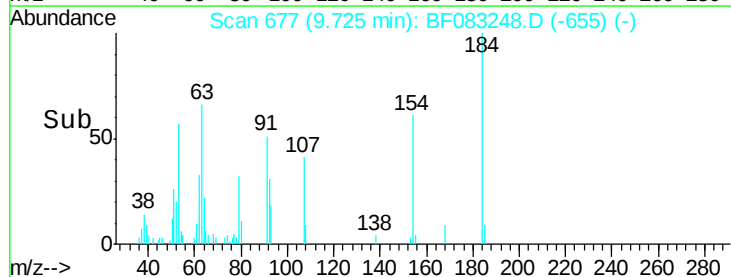
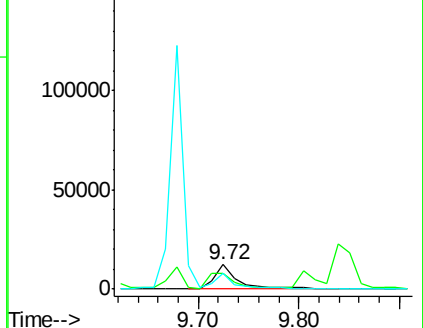
154 61.4 54.3 81.5

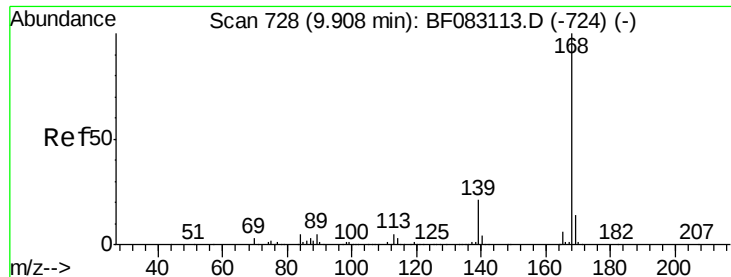


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 6.21 ng

RT: 9.85 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

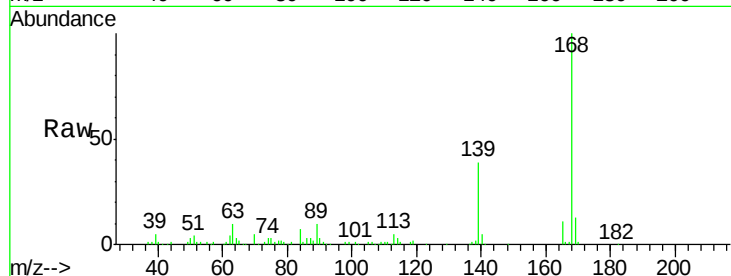
Tgt Ion:168 Resp: 169745

Ion Ratio Lower Upper

168 100

139 38.5 30.2 45.2

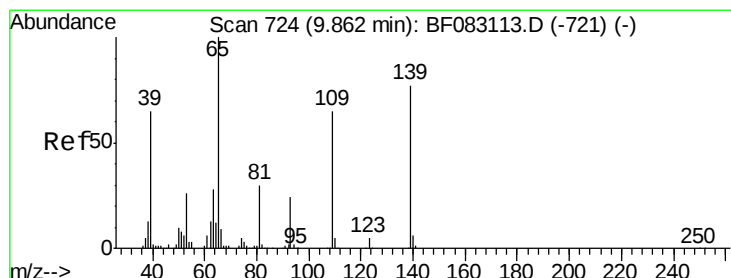
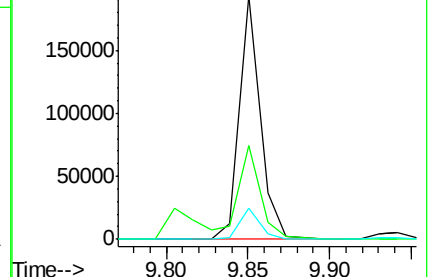
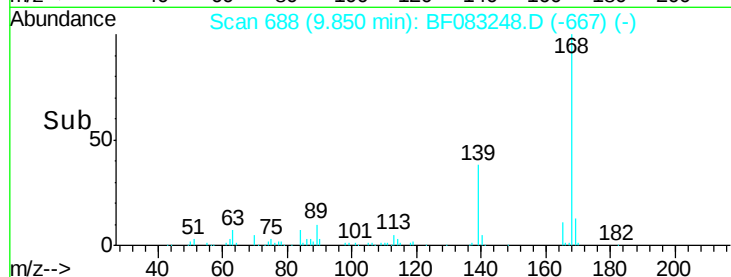
169 12.9 10.9 16.3



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: 7.55 ng

RT: 9.80 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

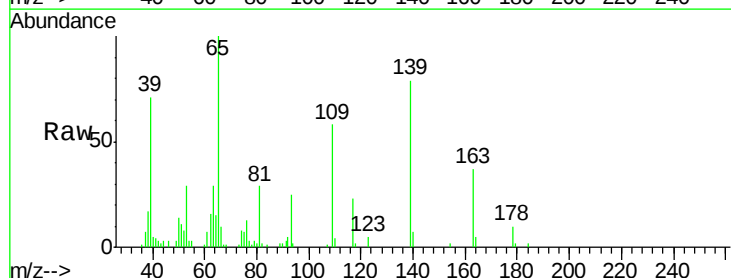
Tgt Ion:139 Resp: 32682

Ion Ratio Lower Upper

139 100

109 72.8 64.0 104.0

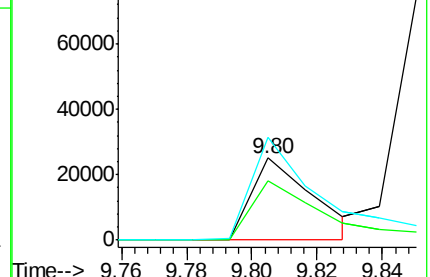
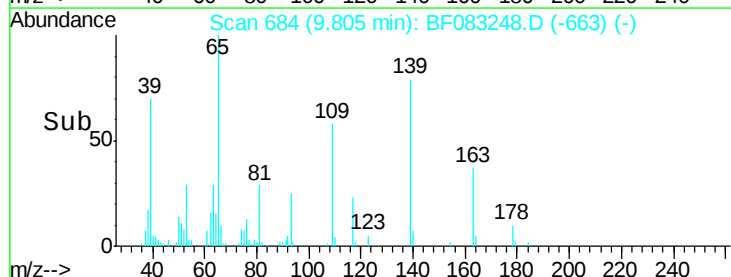
65 126.2 109.5 149.5

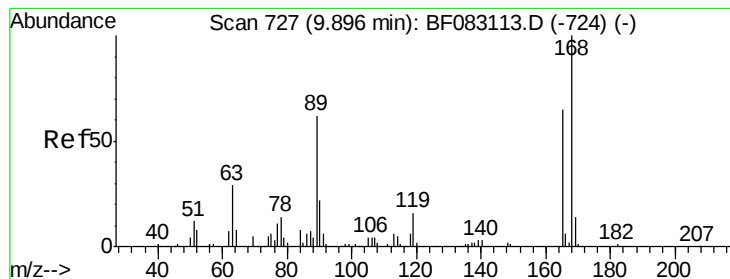


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.38 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

Tgt Ion:165 Resp: 36060

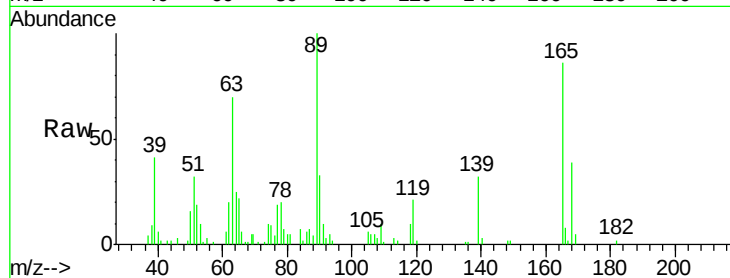
Ion Ratio Lower Upper

165 100

63 82.2 54.5 81.7#

89 117.0 77.3 115.9#

182 2.6 1.8 2.6

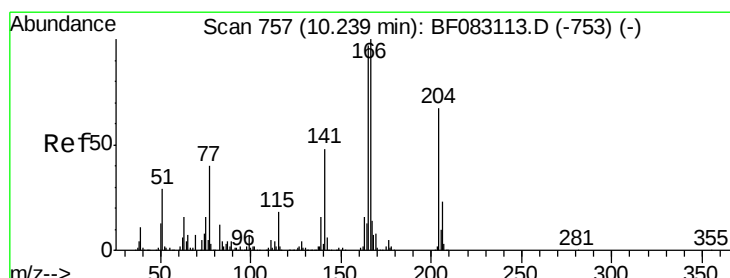
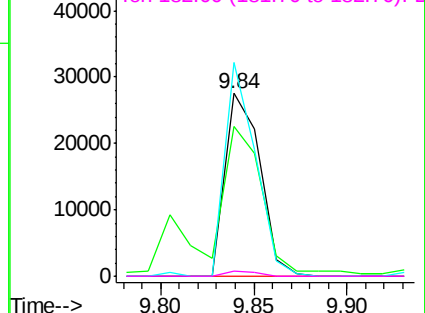
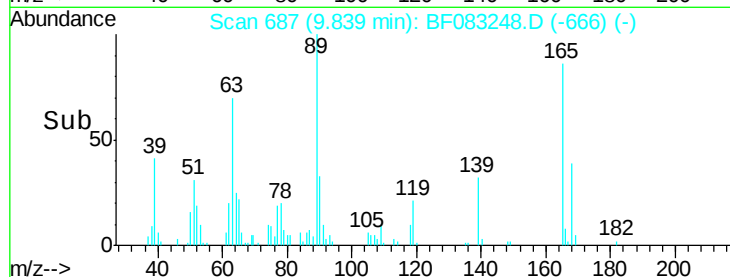


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 5.81 ng

RT: 10.19 min Scan# 718

Delta R.T. -0.05 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

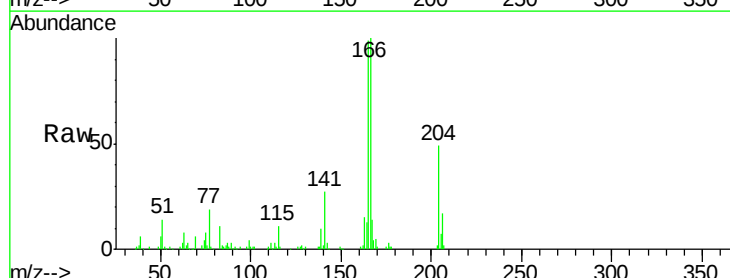
Tgt Ion:166 Resp: 131231

Ion Ratio Lower Upper

166 100

165 98.8 78.0 117.0

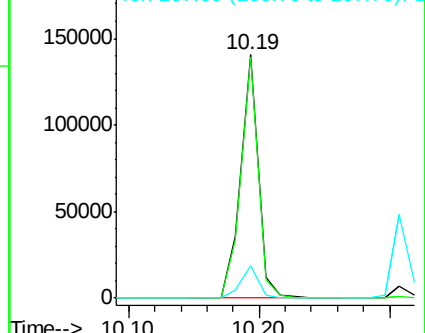
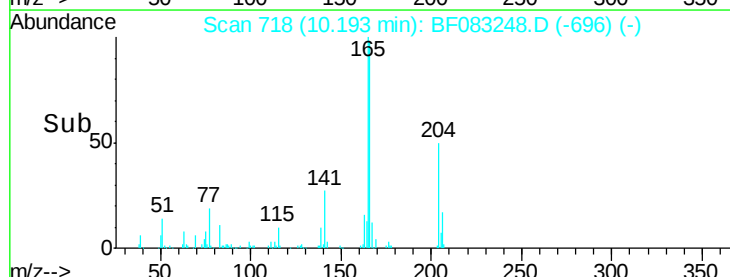
167 13.5 11.3 16.9

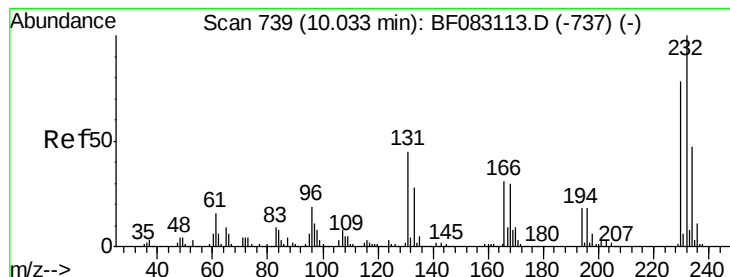


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 4.54 ng

RT: 9.94 min Scan# 696

Delta R.T. -0.09 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

Tgt Ion:232 Resp: 27079

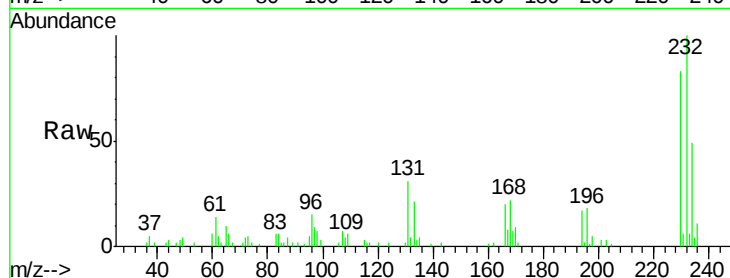
Ion Ratio Lower Upper

232 100

131 44.9 38.6 57.8

130 2.3 1.9 2.9

166 26.1 25.4 38.0

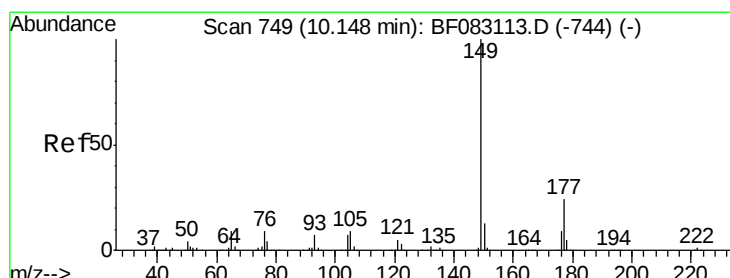
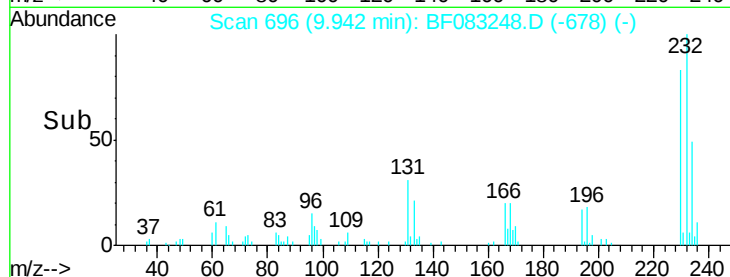
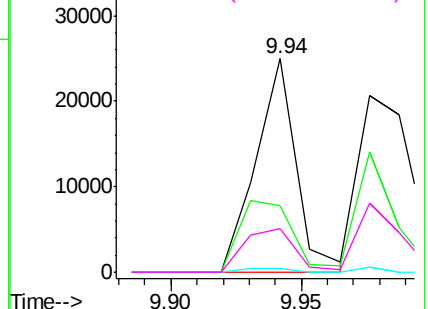


Abundance Ion 232.00 (231.70 to 232.70): E

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: 5.66 ng

RT: 10.08 min Scan# 708

Delta R.T. -0.07 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

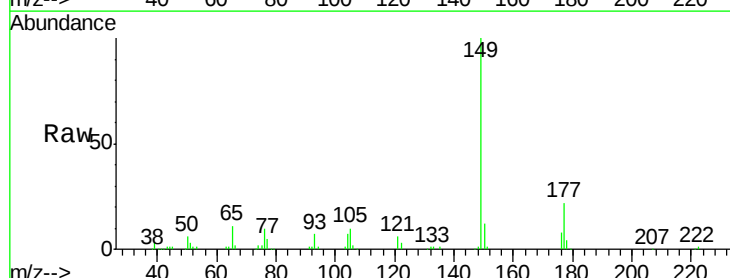
Tgt Ion:149 Resp: 132824

Ion Ratio Lower Upper

149 100

177 21.9 19.4 29.2

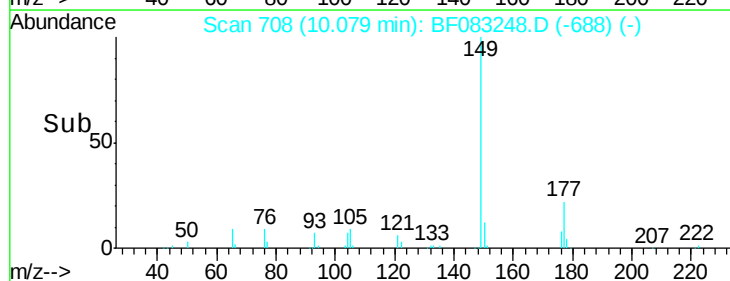
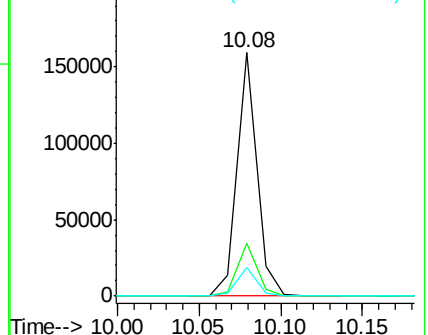
150 12.0 10.2 15.2

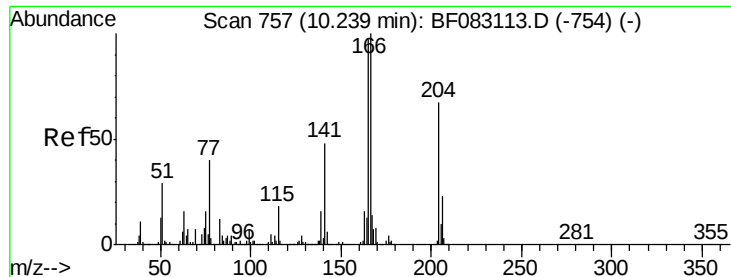


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

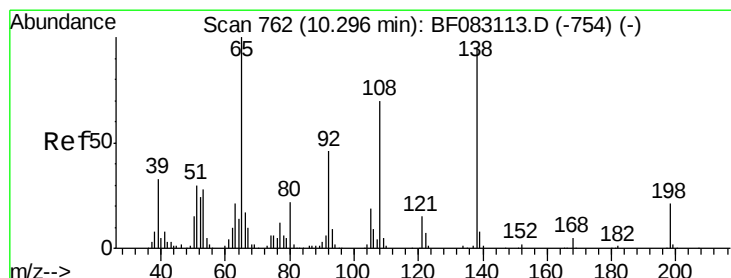
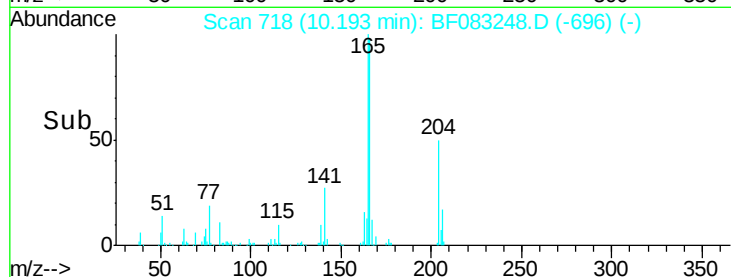
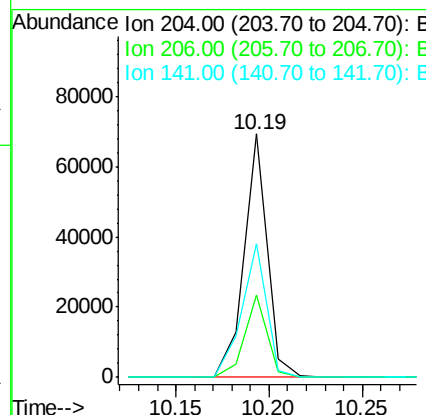
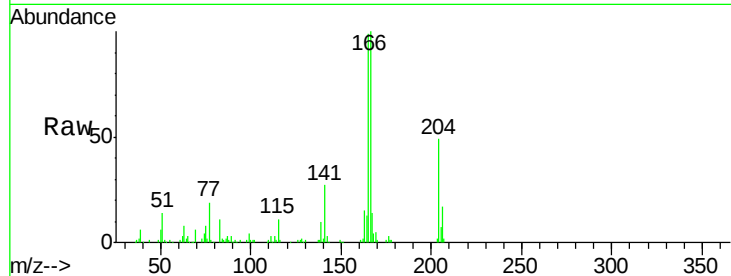




#60
 4-Chlorophenyl-phenylether
 Concen: 5.84 ng
 RT: 10.19 min Scan# 718
 Delta R.T. -0.05 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

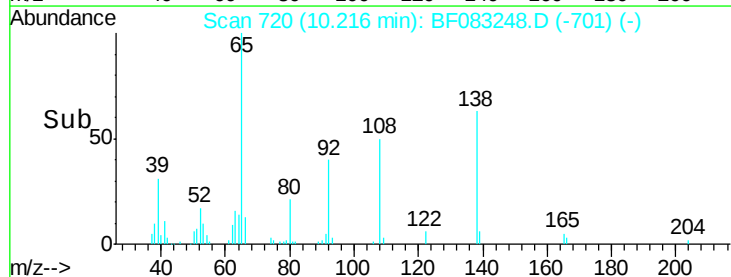
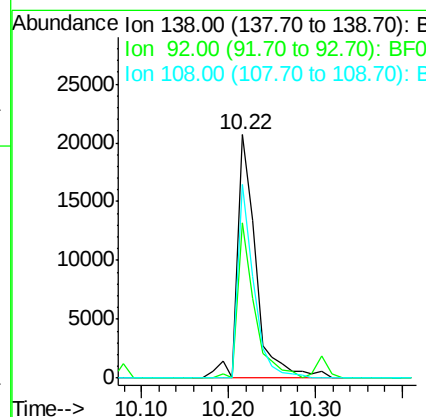
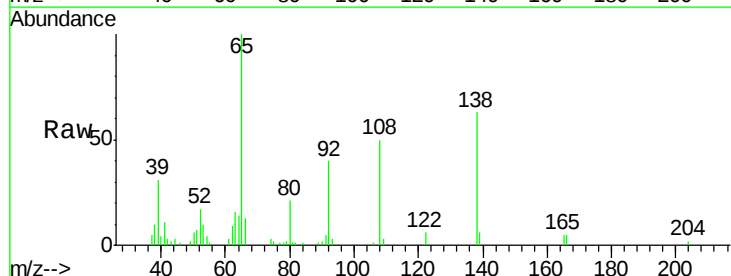
Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

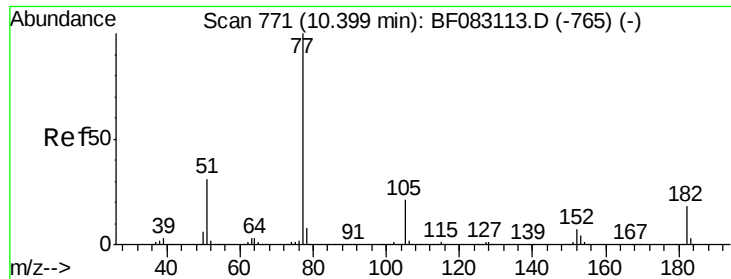
Tgt Ion: 204 Resp: 60412
 Ion Ratio Lower Upper
 204 100
 206 33.6 27.4 41.0
 141 54.8 57.4 86.2#



#61
 4-Nitroaniline
 Concen: 5.44 ng
 RT: 10.22 min Scan# 720
 Delta R.T. -0.08 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

Tgt Ion: 138 Resp: 30238
 Ion Ratio Lower Upper
 138 100
 92 63.5 28.4 68.4
 108 79.6 53.5 93.5





#62

Azobenzene

Concen: 5.86 ng

RT: 10.34 min Scan# 731

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

Tgt Ion: 77 Resp: 157055

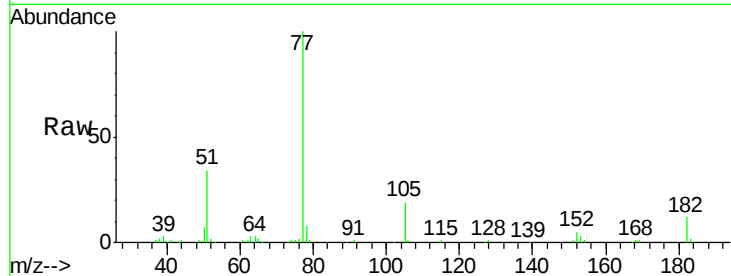
Ion Ratio Lower Upper

77 100

182 12.0 0.0 38.3

105 18.9 1.2 41.2

51 33.8 11.1 51.1

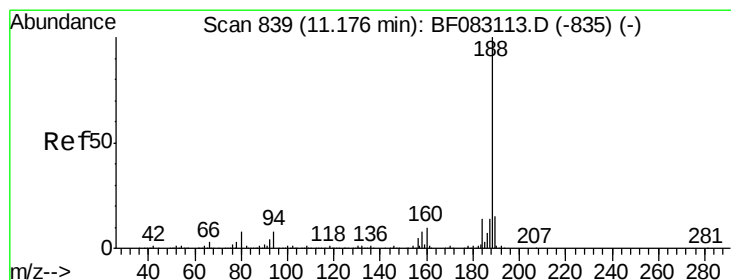
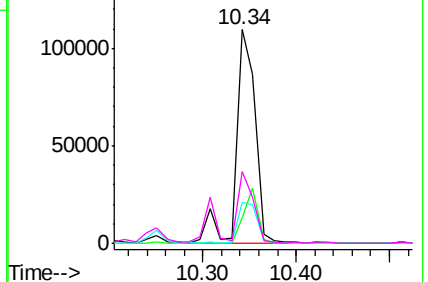
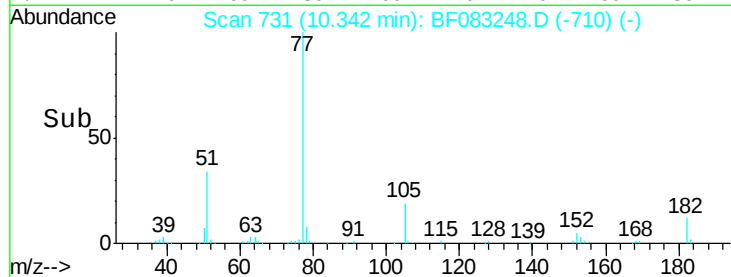


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 799

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

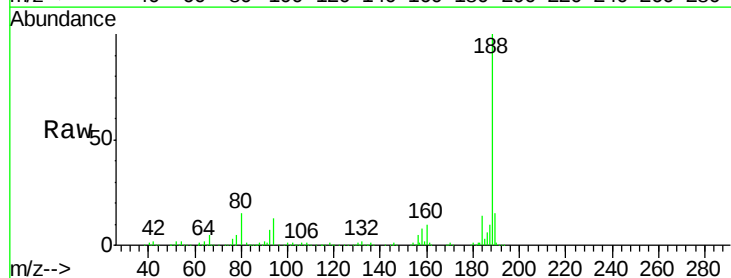
Tgt Ion: 188 Resp: 593688

Ion Ratio Lower Upper

188 100

94 12.9 6.0 9.0#

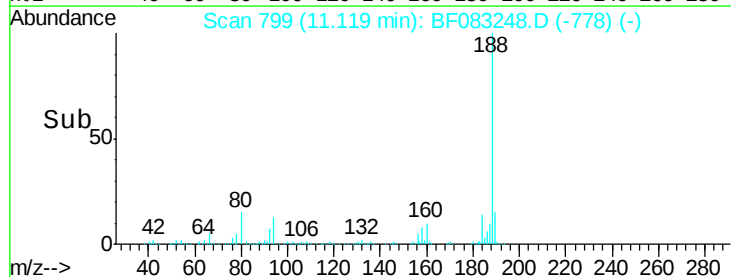
80 14.9 6.7 10.1#



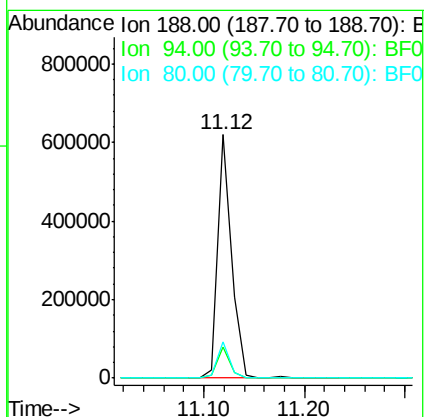
Abundance Ion 188.00 (187.70 to 188.70): E

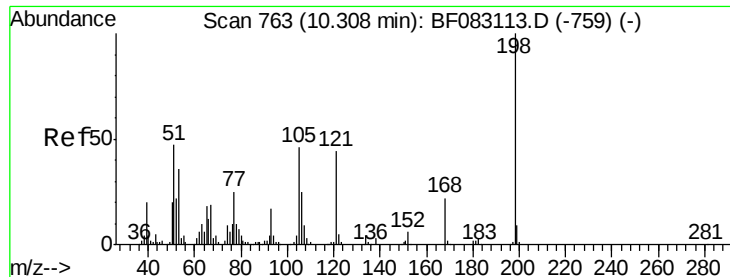
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->

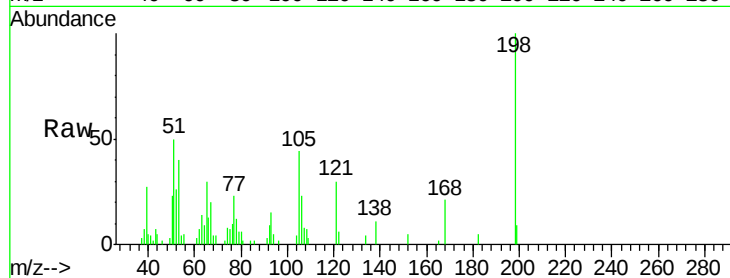




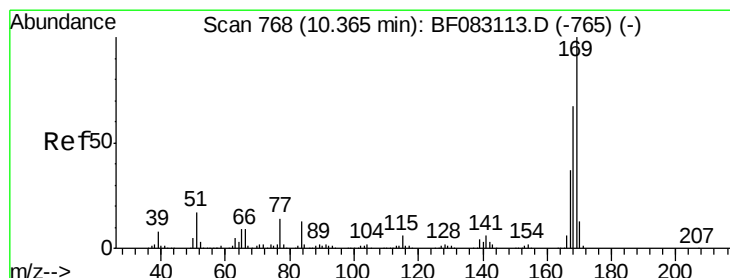
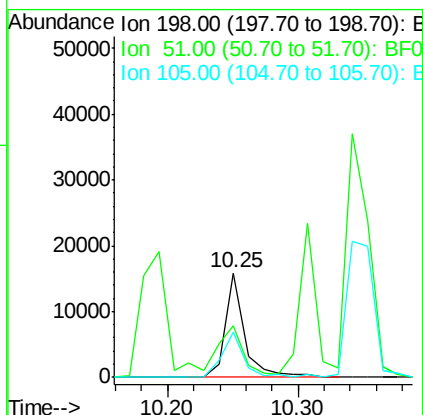
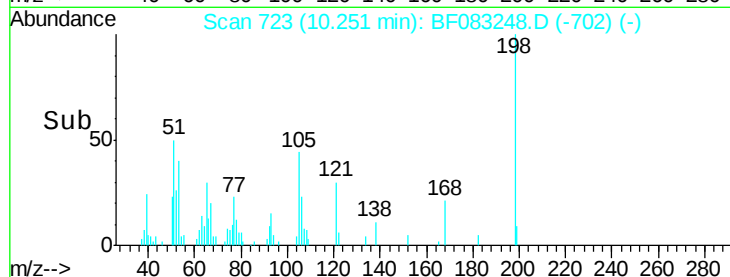
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.01 ng
 RT: 10.25 min Scan# 723
 Delta R.T. -0.06 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

Instrument :
 BNA_F
 ClientSampled :
 PB86810BS

Tgt Ion:198 Resp: 16384
 Ion Ratio Lower Upper
 198 100
 51 50.0 27.0 67.0
 105 43.5 26.1 66.1

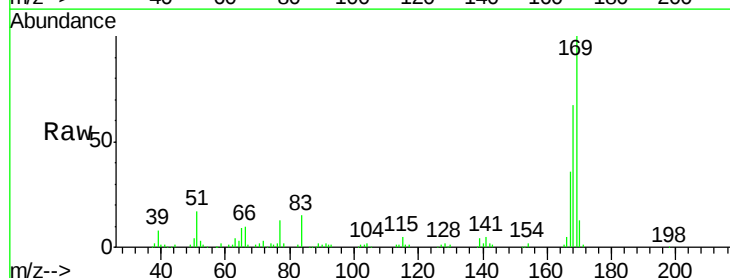


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

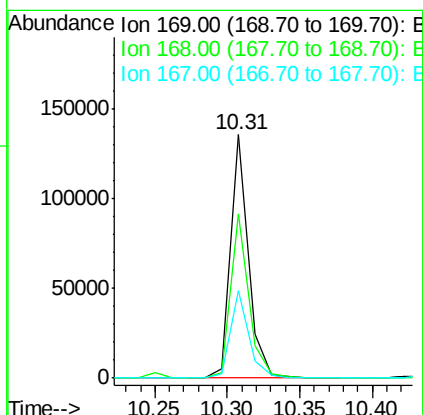
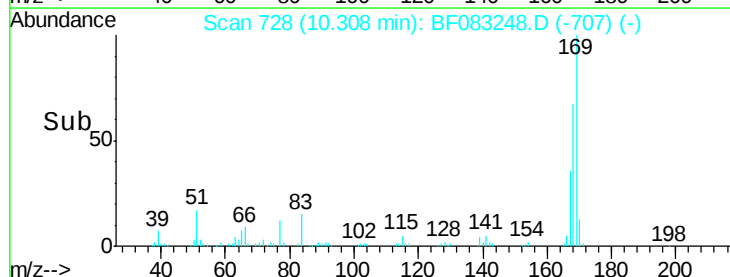


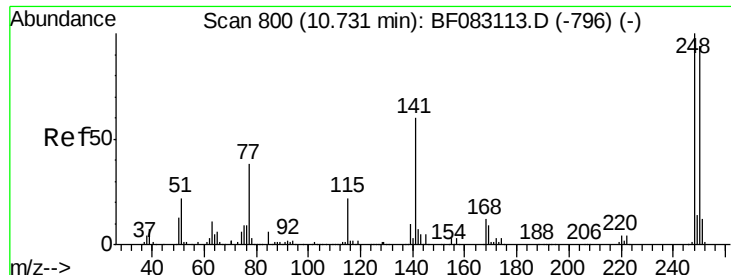
#65
 n-Nitrosodiphenylamine
 Concen: 5.74 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.06 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

Tgt Ion:169 Resp: 115929
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.8 80.6
 167 35.9 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

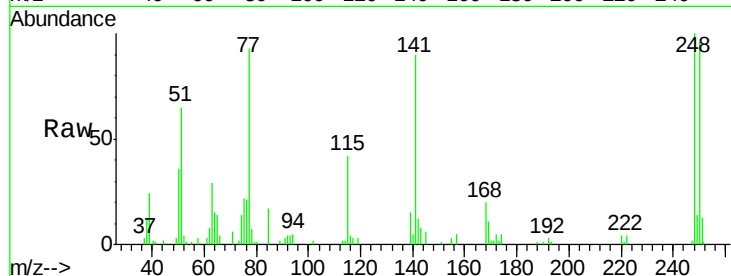




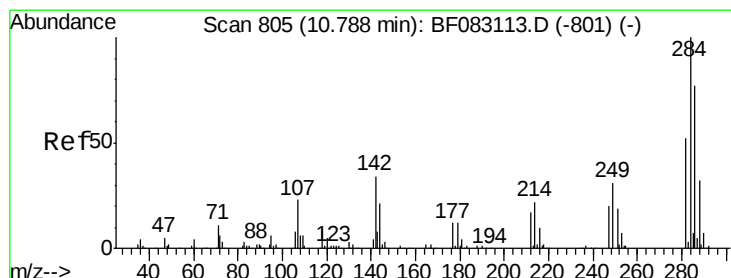
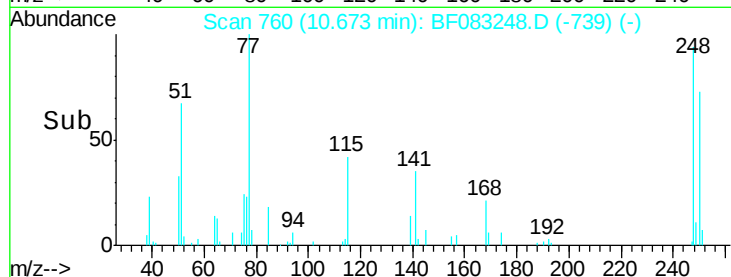
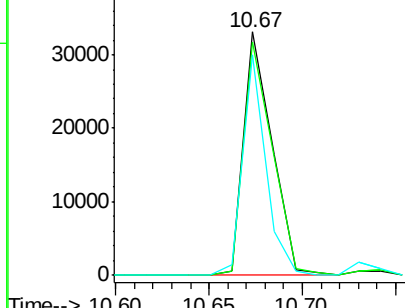
#66
 4-Bromophenyl-phenylether
 Concen: 5.34 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.06 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

Tgt Ion:248 Resp: 35162
 Ion Ratio Lower Upper
 248 100
 250 95.8 75.4 113.2
 141 90.4 48.1 72.1#

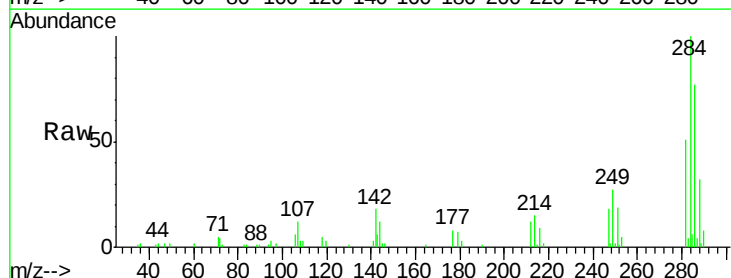


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

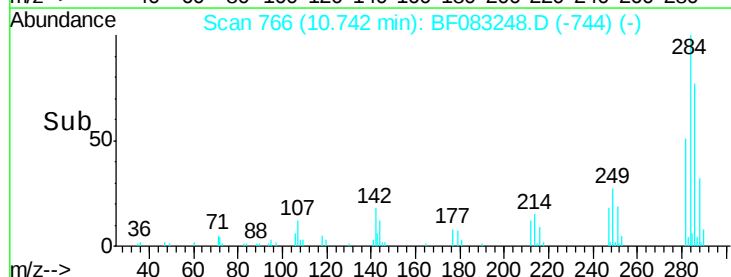
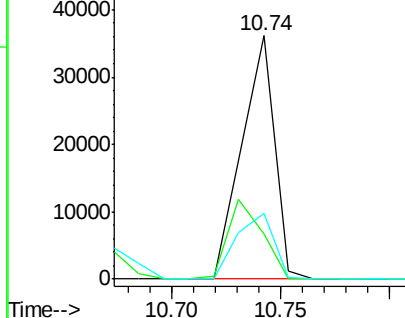


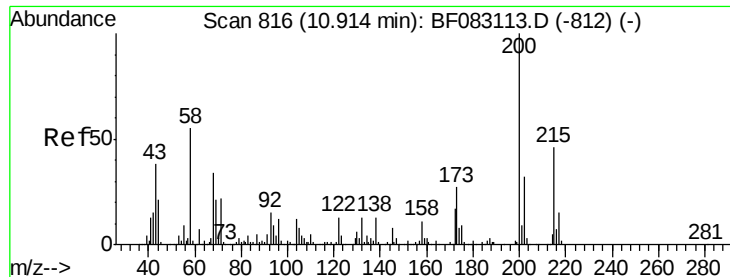
#67
 Hexachlorobenzene
 Concen: 5.20 ng
 RT: 10.74 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF083248.D
 Acq: 24 Nov 2015 20:41

Tgt Ion:284 Resp: 37692
 Ion Ratio Lower Upper
 284 100
 142 18.5 27.6 41.4#
 249 27.0 25.5 38.3



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

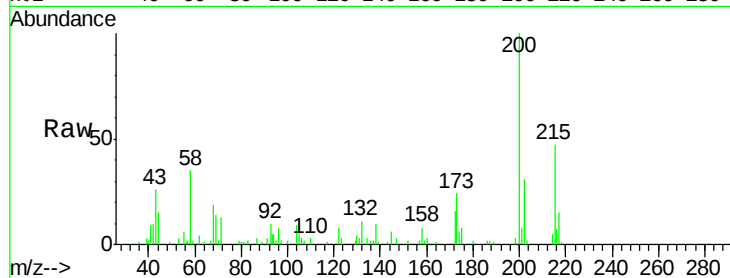




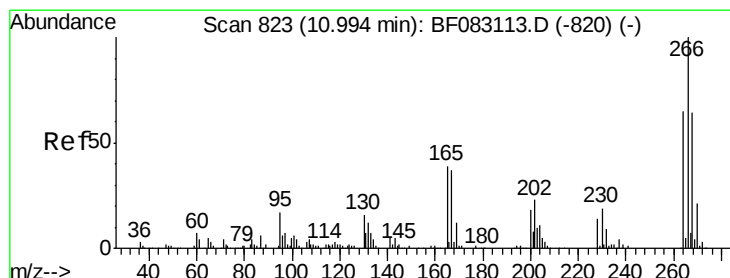
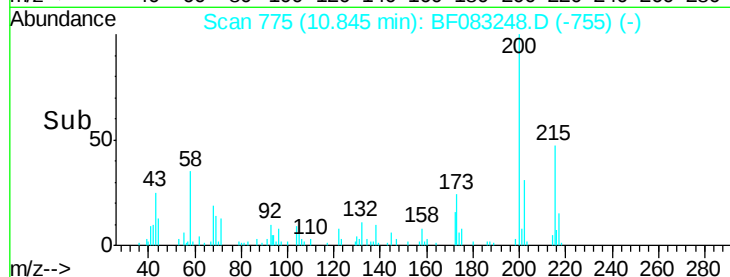
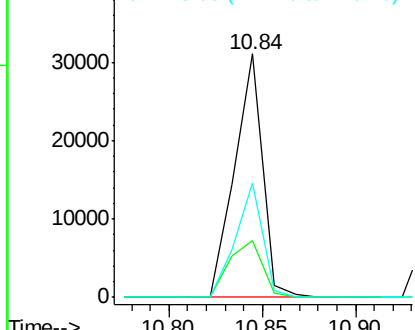
#68
Atrazine
Concen: 5.53 ng
RT: 10.84 min Scan# 775
Delta R.T. -0.07 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Tgt Ion:200 Resp: 32427
Ion Ratio Lower Upper
200 100
173 23.5 7.2 47.2
215 46.9 25.7 65.7

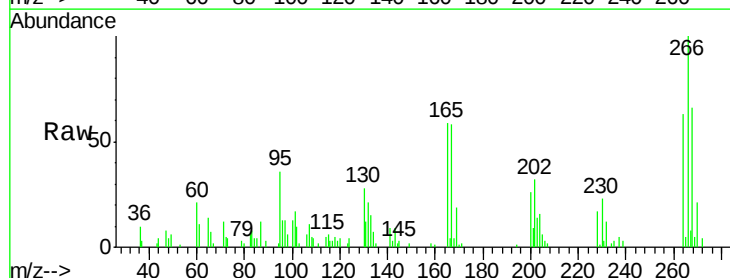


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

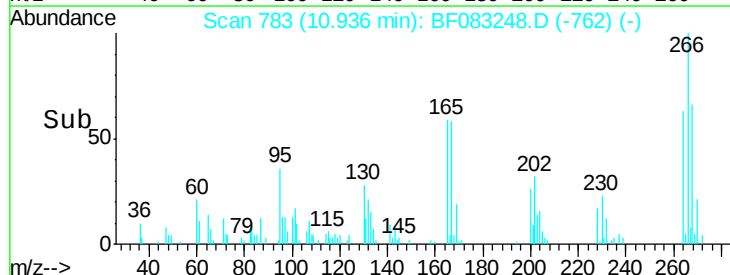
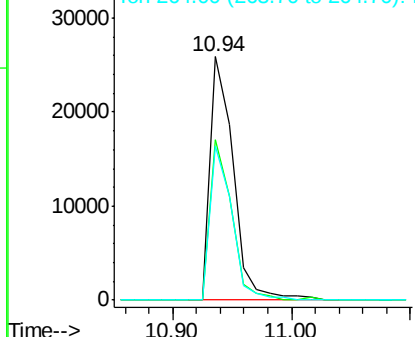


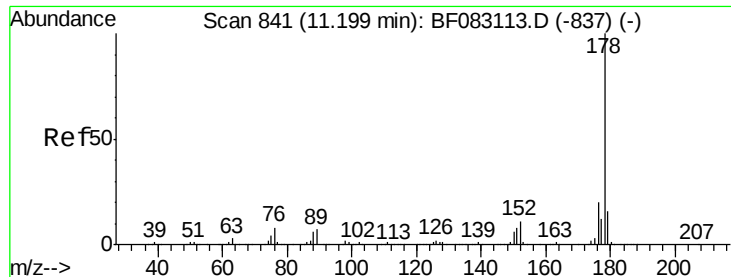
#69
Pentachlorophenol
Concen: 7.40 ng
RT: 10.94 min Scan# 783
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Tgt Ion:266 Resp: 34980
Ion Ratio Lower Upper
266 100
268 65.8 51.4 77.0
264 63.2 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

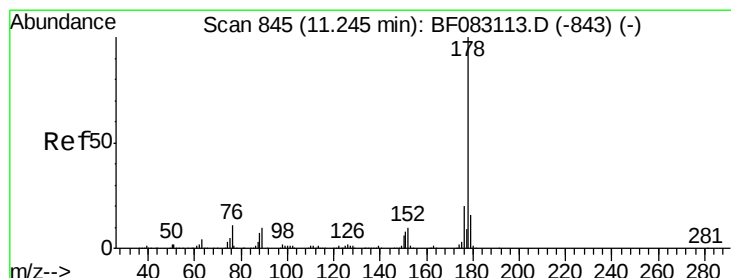
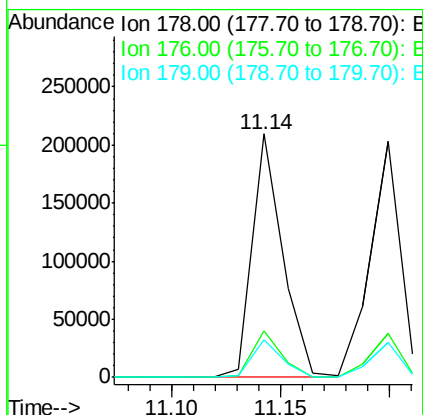
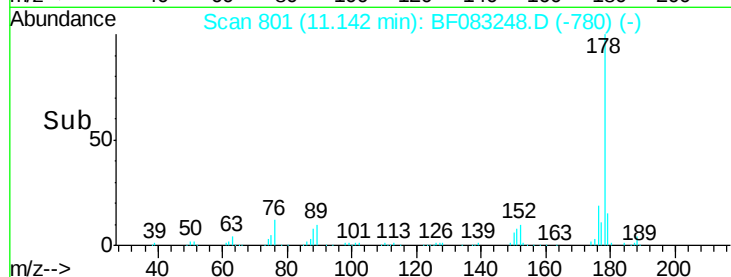
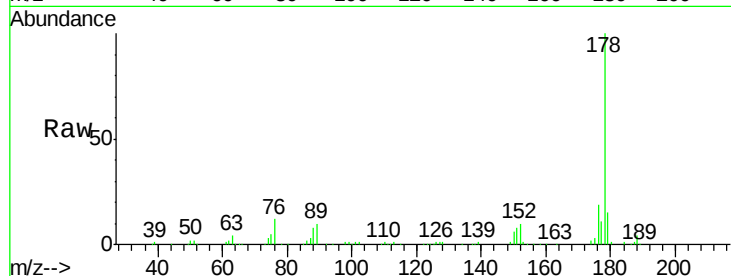




#70
Phenanthrene
Concen: 5.96 ng
RT: 11.14 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

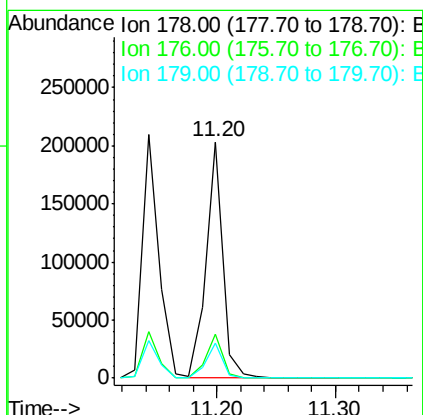
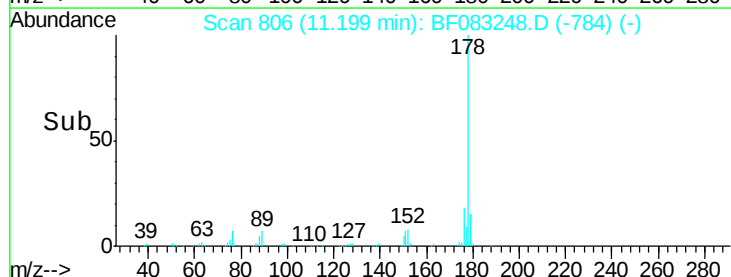
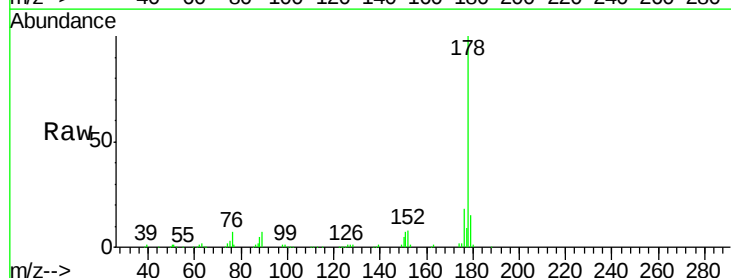
Instrument :
BNA_F
ClientSampleId :
PB86810BS

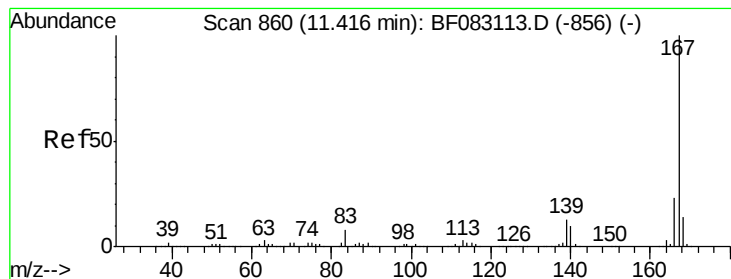
Tgt Ion:178 Resp: 203863
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.2
179 15.5 12.8 19.2



#71
Anthracene
Concen: 5.72 ng
RT: 11.20 min Scan# 806
Delta R.T. -0.05 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Tgt Ion:178 Resp: 199519
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 14.7 13.2 19.8





#72

Carbazole

Concen: 5.94 ng

RT: 11.36 min Scan# 820

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

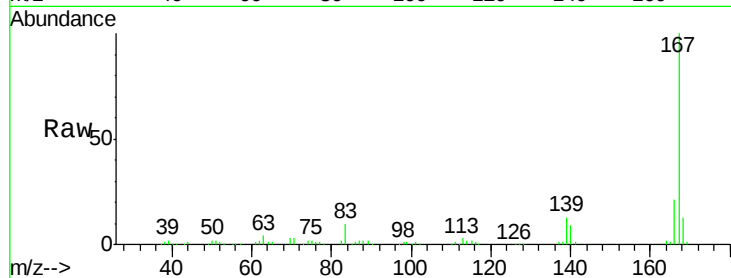
Tgt Ion:167 Resp: 184297

Ion Ratio Lower Upper

167 100

166 20.6 18.0 27.0

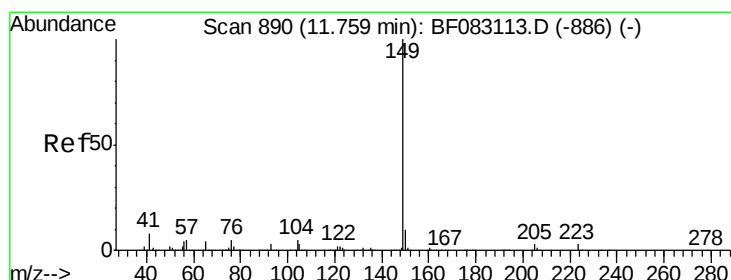
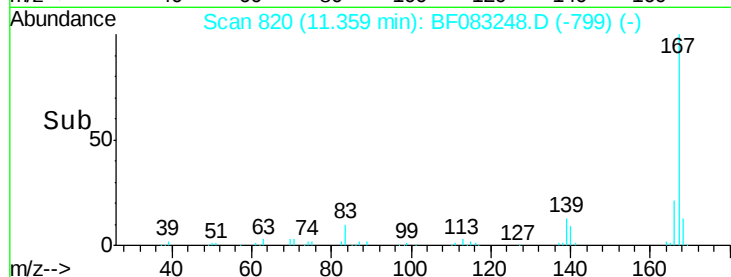
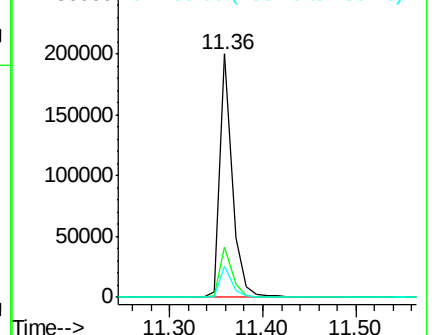
139 12.6 10.5 15.7



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: 5.44 ng

RT: 11.70 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

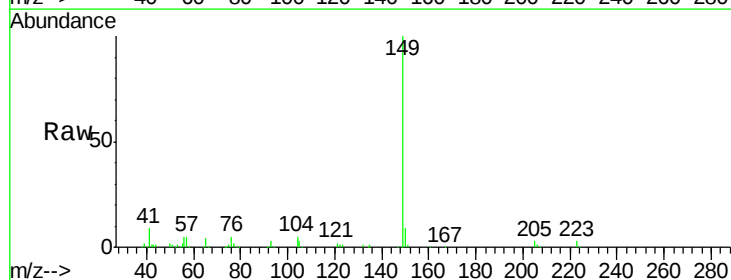
Tgt Ion:149 Resp: 205780

Ion Ratio Lower Upper

149 100

150 9.1 8.0 12.0

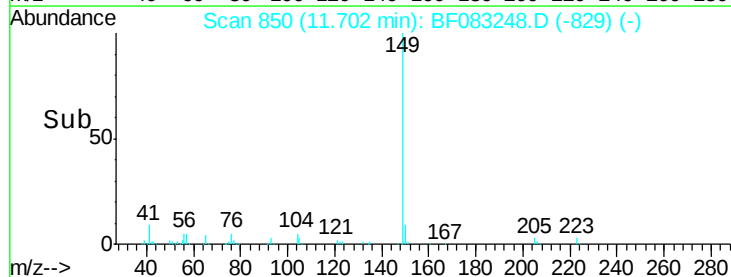
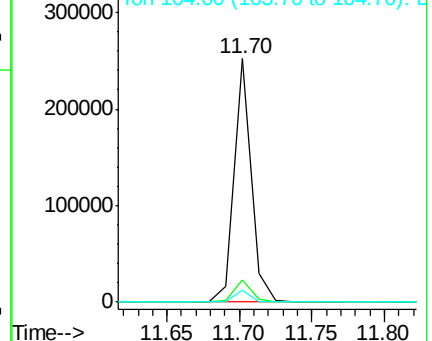
104 4.7 4.4 6.6

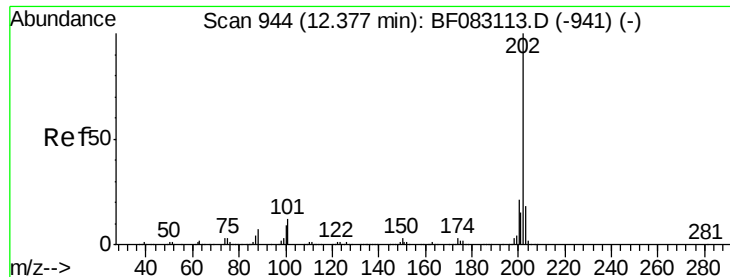


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 5.62 ng

RT: 12.33 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

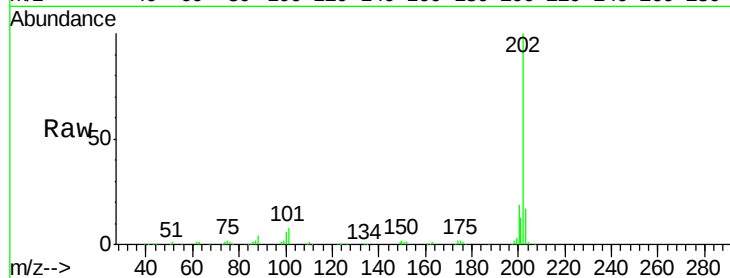
Tgt Ion:202 Resp: 196578

Ion Ratio Lower Upper

202 100

101 8.2 0.0 32.3

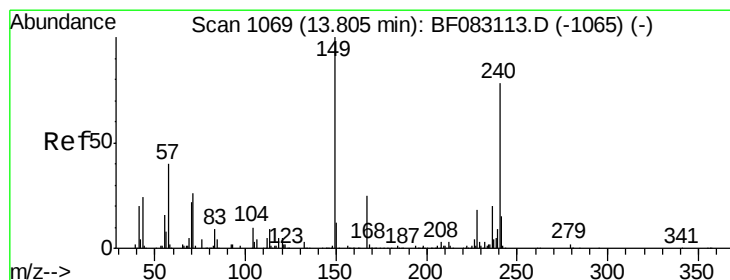
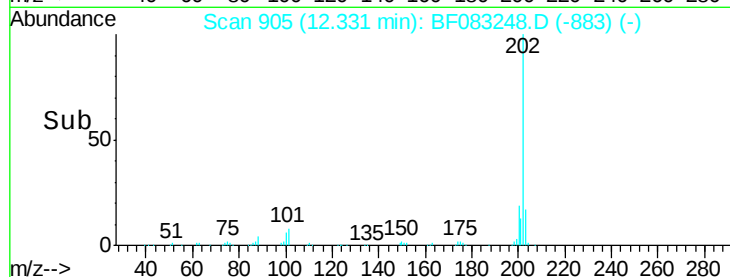
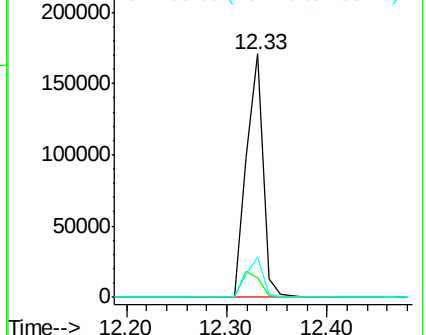
203 16.7 0.0 38.4



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: 13.75 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

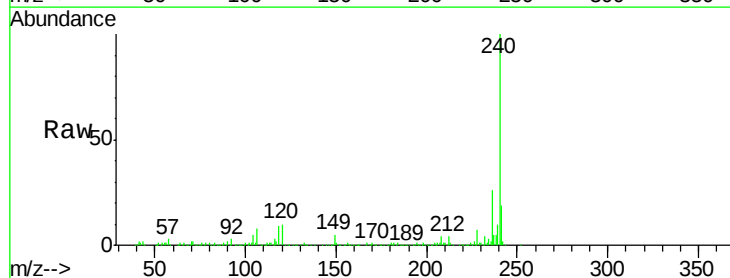
Tgt Ion:240 Resp: 537760

Ion Ratio Lower Upper

240 100

120 10.3 5.4 8.2#

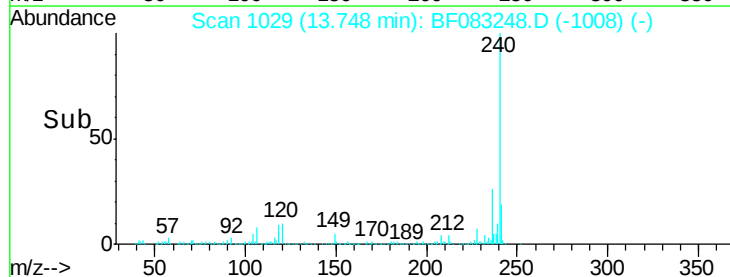
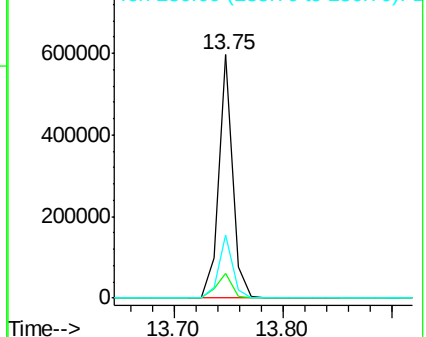
236 26.0 20.6 31.0

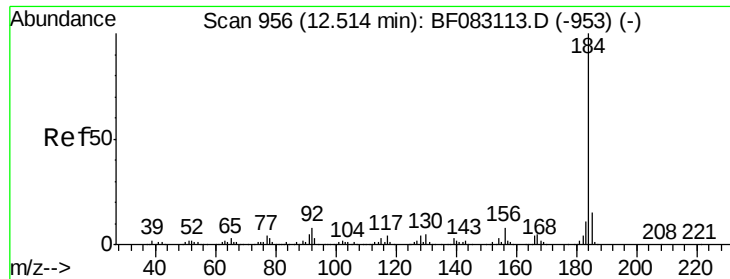


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

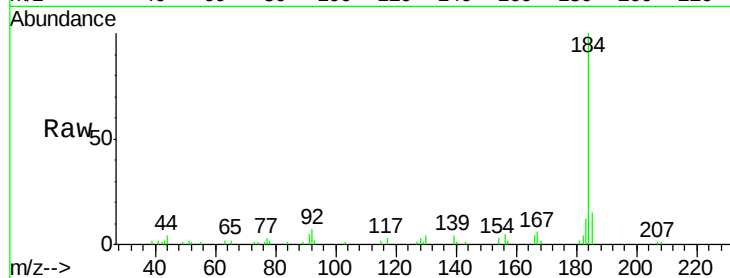




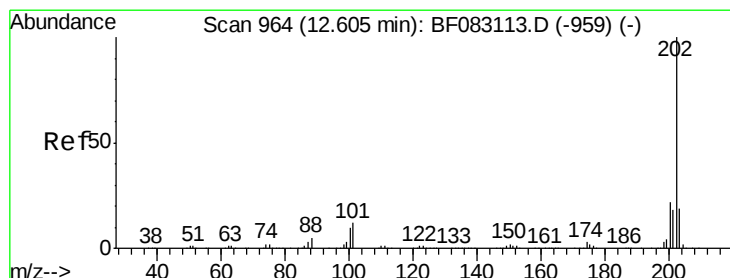
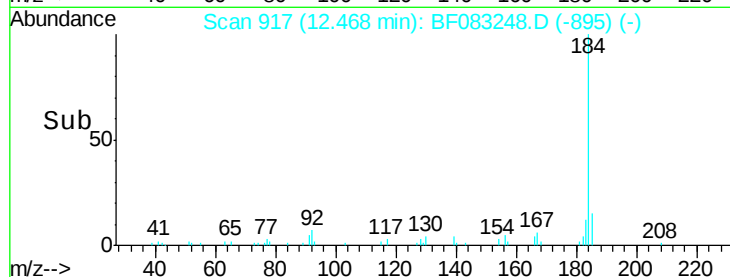
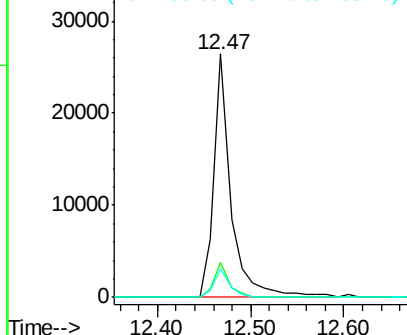
#76
Benzidine
Concen: 2.40 ng
RT: 12.47 min Scan# 917
Delta R.T. -0.05 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Tgt Ion:184 Resp: 33838
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.6 8.8 13.2

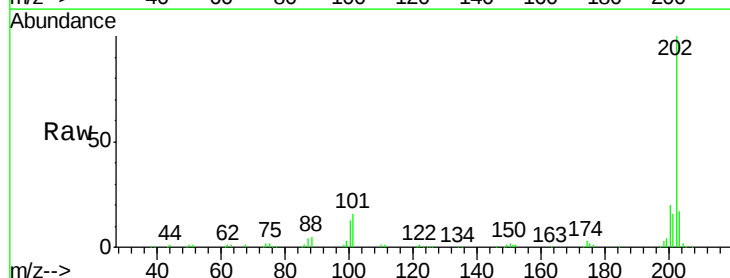


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

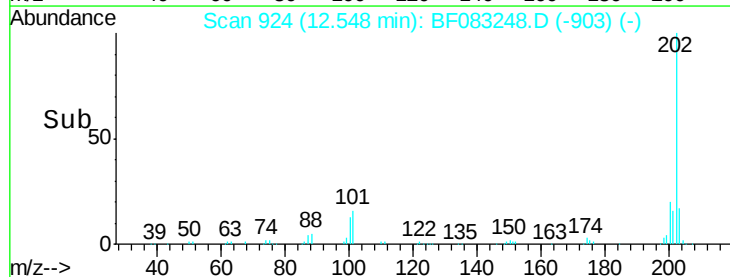
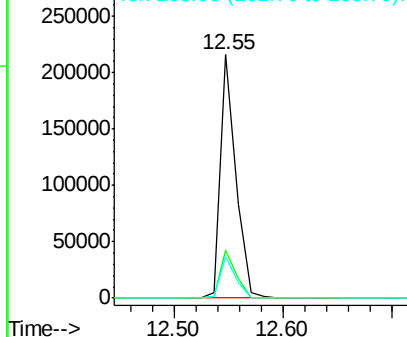


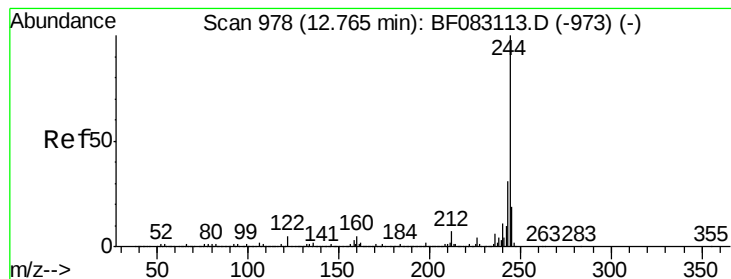
#77
Pyrene
Concen: 5.83 ng
RT: 12.55 min Scan# 924
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Tgt Ion:202 Resp: 214156
Ion Ratio Lower Upper
202 100
200 19.7 17.8 26.6
203 17.0 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: 12.11 ng

RT: 12.71 min Scan# 938

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

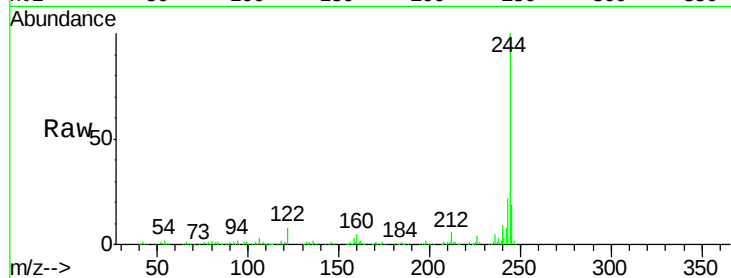
Tgt Ion:244 Resp: 276628

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

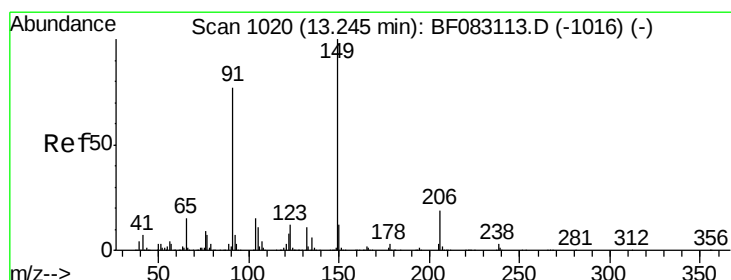
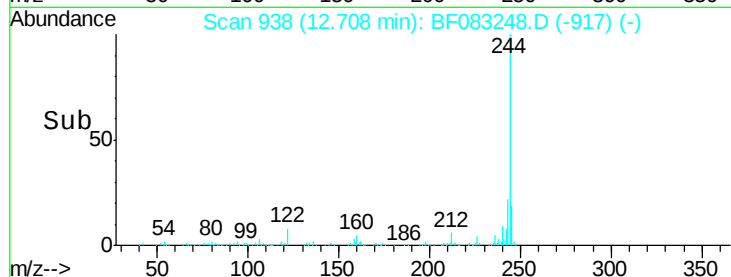
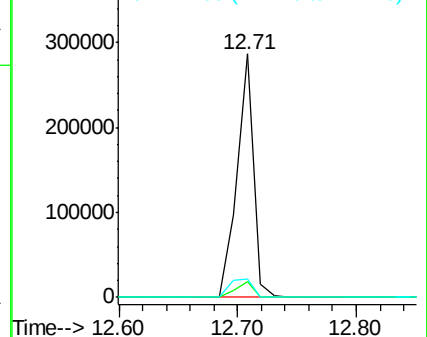
122 7.7 4.3 6.5#



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: 4.50 ng

RT: 13.19 min Scan# 980

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

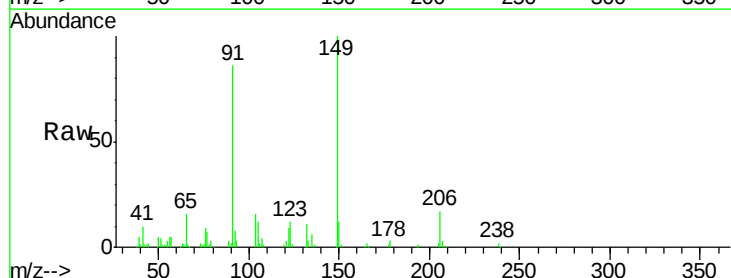
Tgt Ion:149 Resp: 78239

Ion Ratio Lower Upper

149 100

91 85.6 61.5 92.3

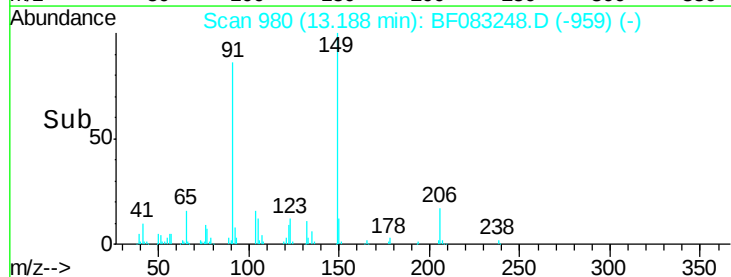
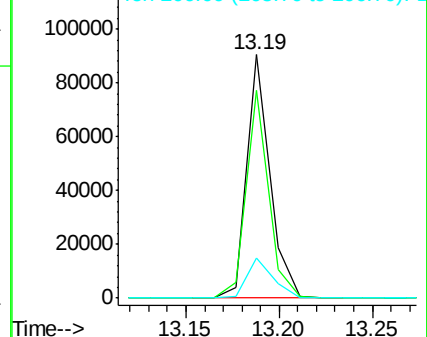
206 16.7 15.3 22.9

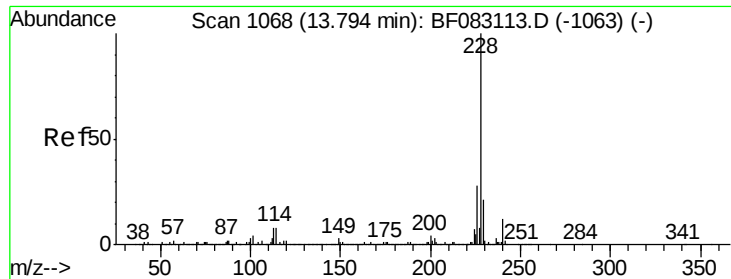


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

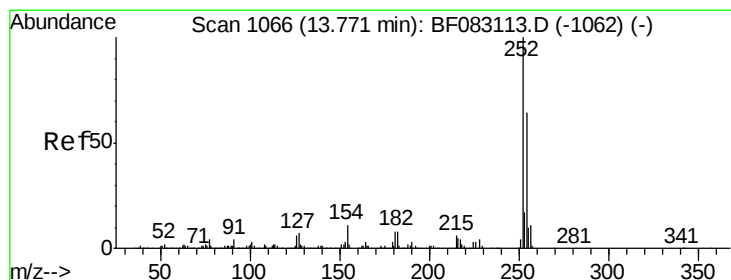
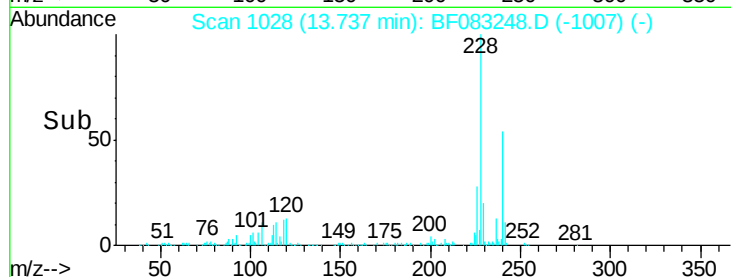
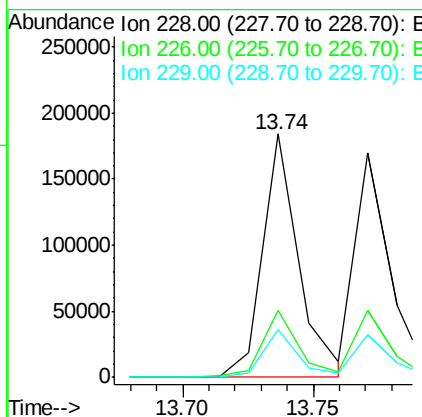
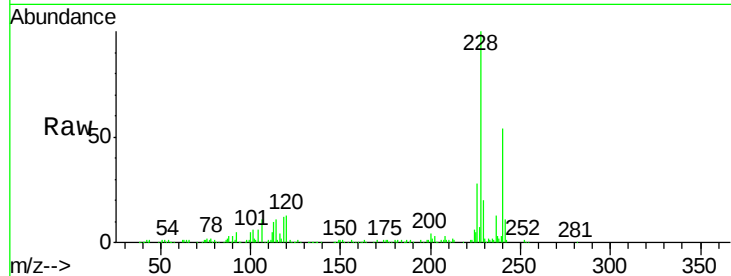




#80
Benzo(a)anthracene
Concen: 5.29 ng
RT: 13.74 min Scan# 1028
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

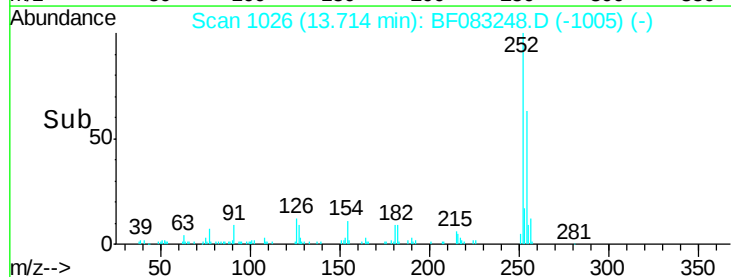
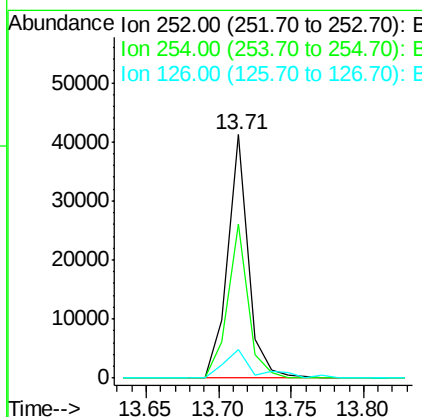
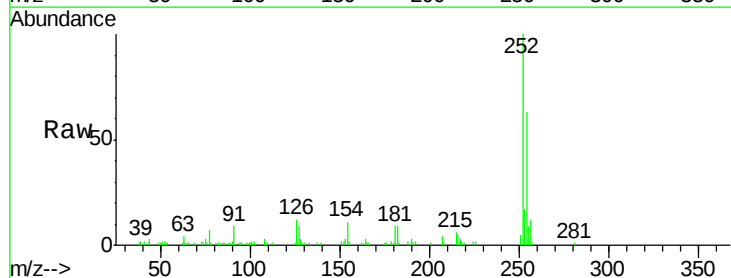
Instrument :
BNA_F
ClientSampleId :
PB86810BS

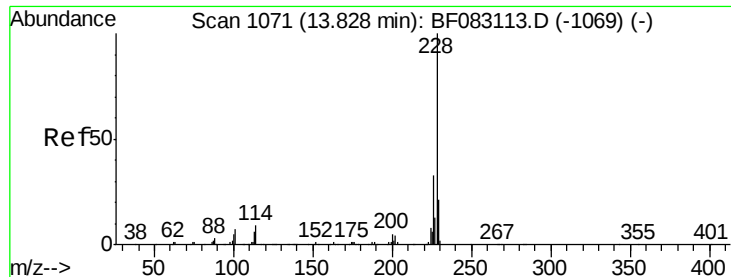
Tgt Ion: 228 Resp: 175825
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.7 16.6 24.8



#81
3,3'-Dichlorobenzidine
Concen: 3.55 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Tgt Ion: 252 Resp: 41147
Ion Ratio Lower Upper
252 100
254 63.4 51.5 77.3
126 12.0 5.2 7.8#





#82

Chrysene

Concen: 5.15 ng

RT: 13.77 min Scan# 1031

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

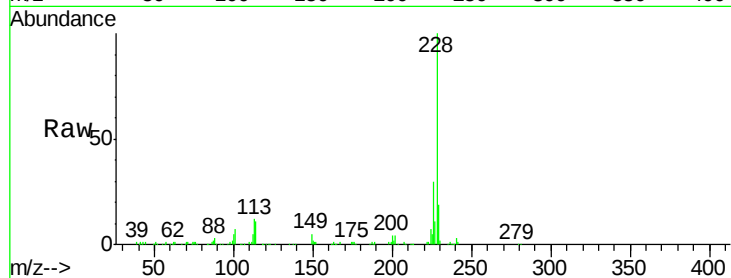
Tgt Ion: 228 Resp: 158772

Ion Ratio Lower Upper

228 100

226 29.6 25.5 38.3

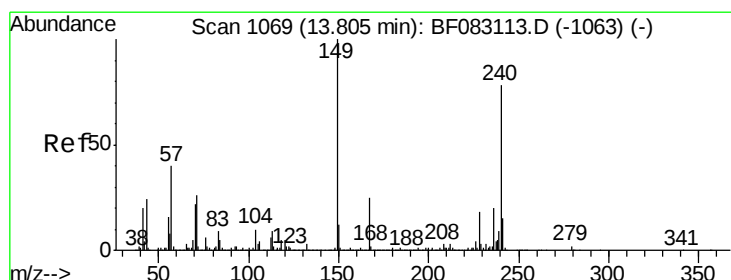
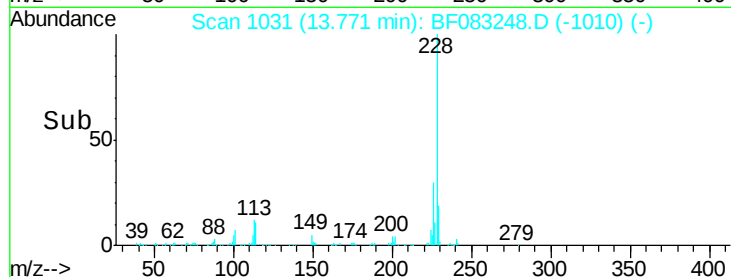
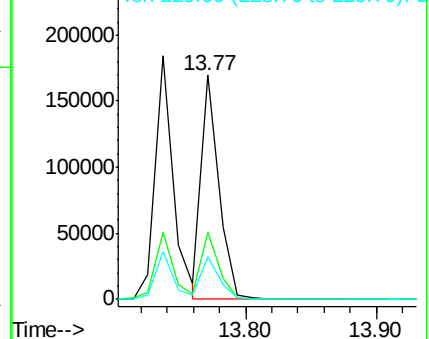
229 18.7 16.6 25.0



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: 4.59 ng

RT: 13.76 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

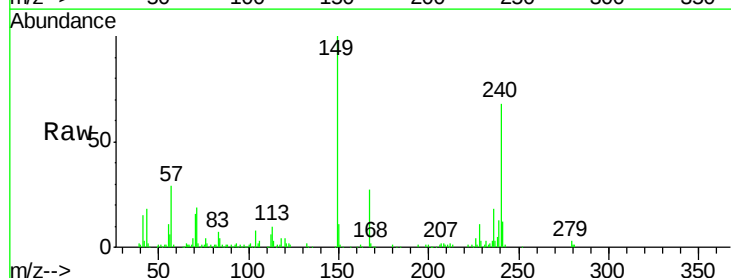
Tgt Ion: 149 Resp: 104271

Ion Ratio Lower Upper

149 100

167 27.1 20.1 30.1

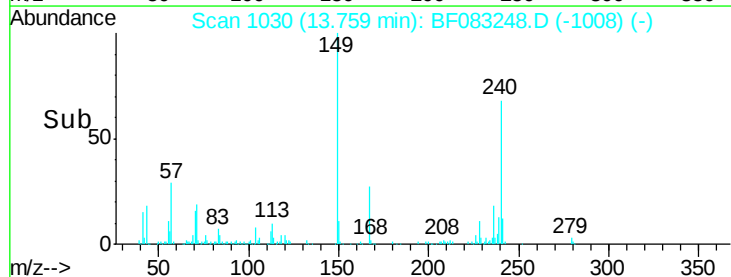
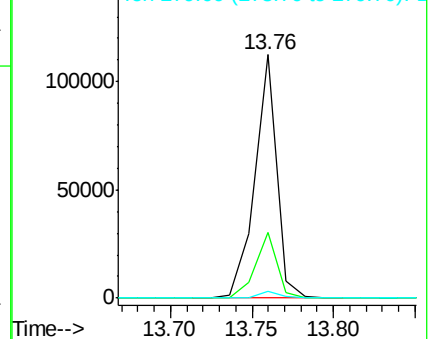
279 3.0 1.7 2.5#

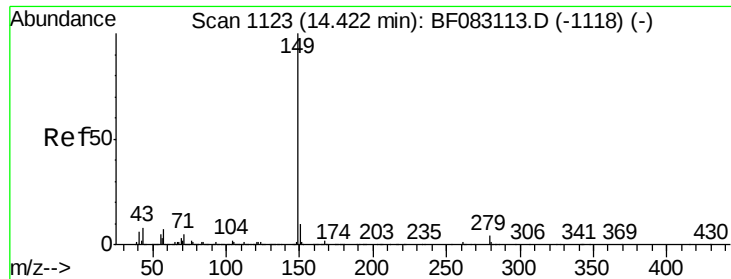


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

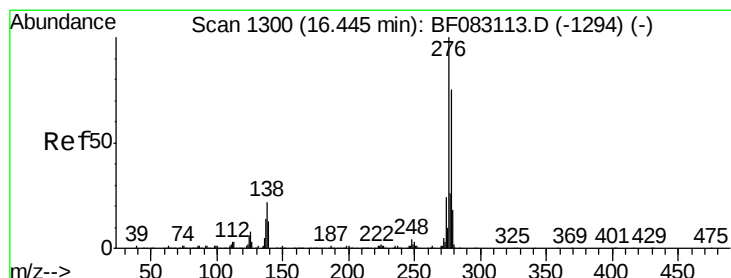
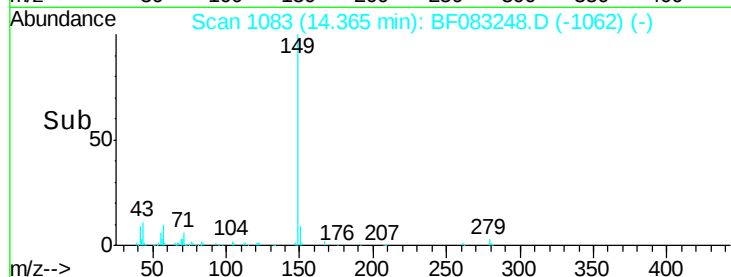
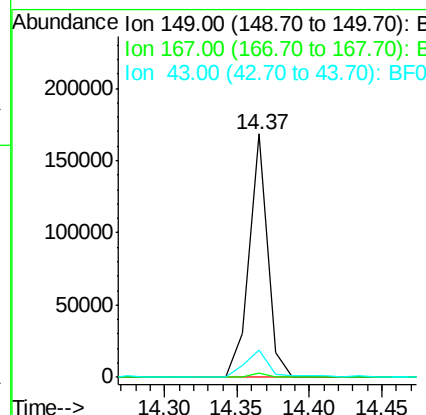
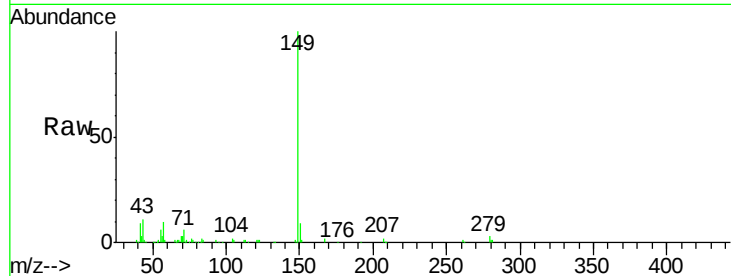




#84
Di-n-octyl phthalate
Concen: 3.81 ng
RT: 14.37 min Scan# 1083
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

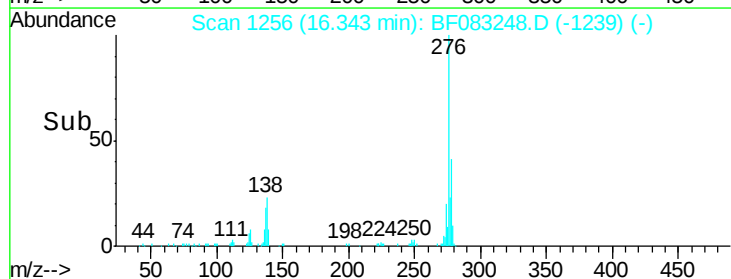
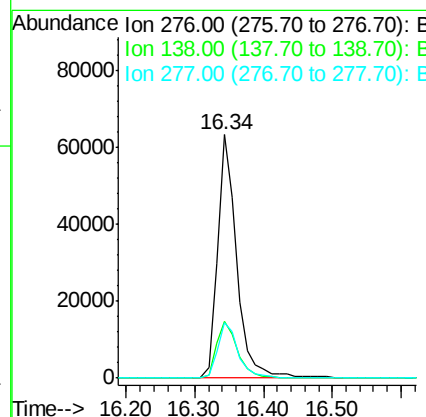
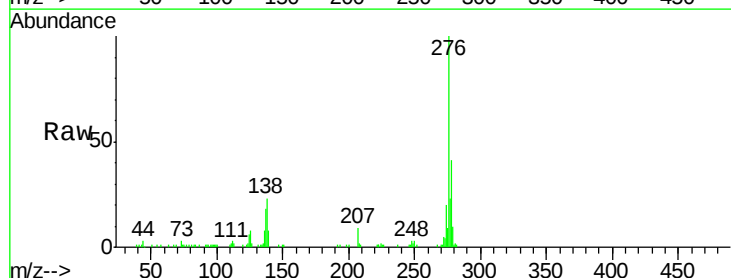
Instrument :
BNA_F
ClientSampleId :
PB86810BS

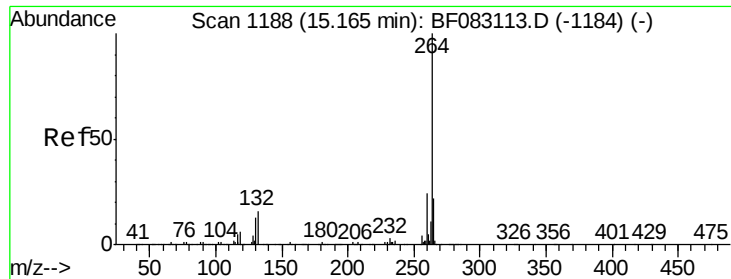
Tgt Ion:149 Resp: 148978
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8#
43 13.3 9.5 14.3



#85
Indeno(1,2,3-cd)pyrene
Concen: 4.43 ng
RT: 16.34 min Scan# 1256
Delta R.T. -0.10 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Tgt Ion:276 Resp: 124287
Ion Ratio Lower Upper
276 100
138 25.5 18.0 27.0
277 24.2 20.2 30.4

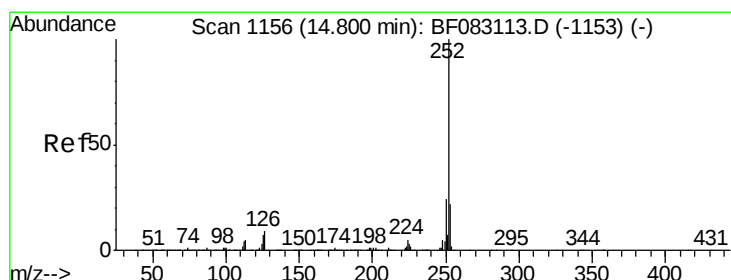
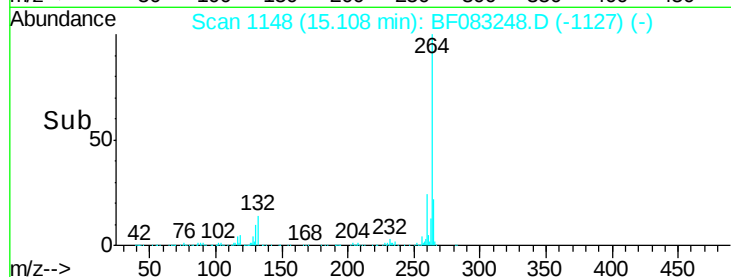
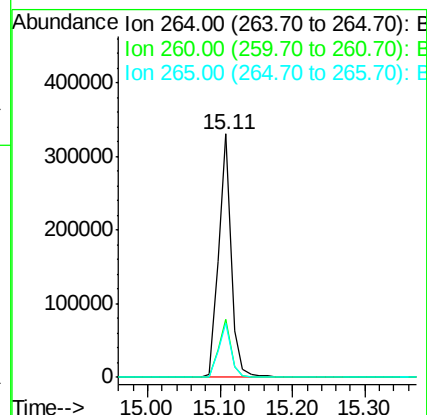
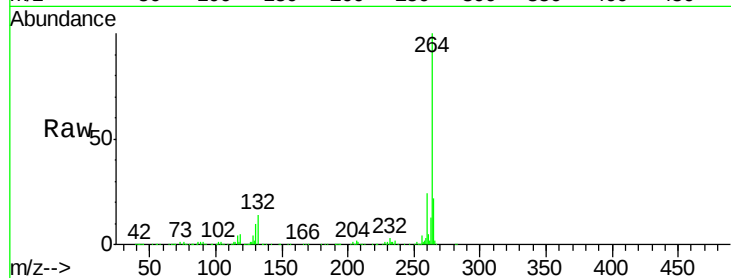




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

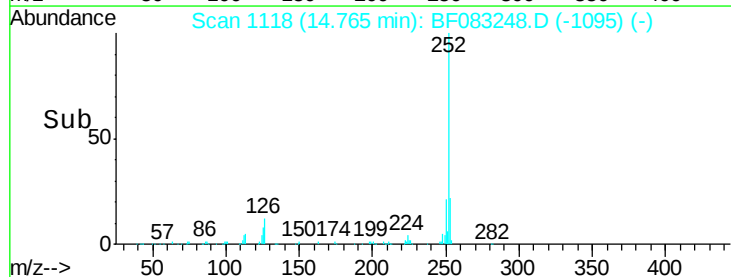
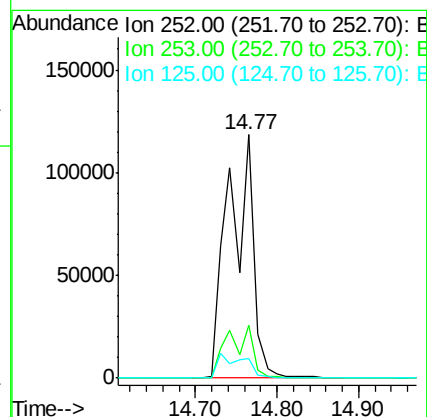
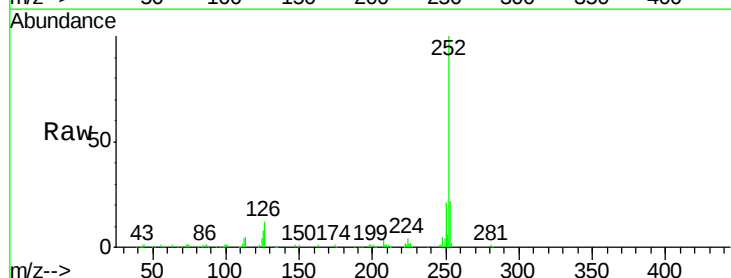
Instrument :
BNA_F
ClientSampleId :
PB86810BS

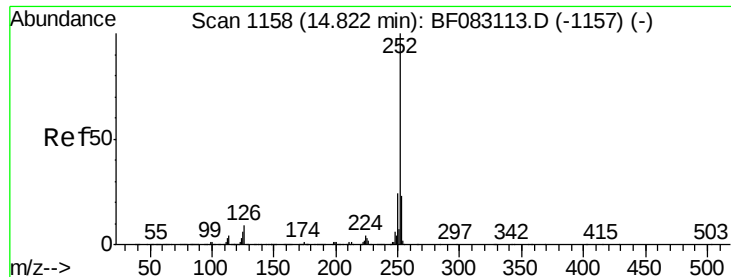
Tgt Ion: 264 Resp: 395952
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 22.2 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 9.32 ng
RT: 14.77 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF083248.D
Acq: 24 Nov 2015 20:41

Tgt Ion: 252 Resp: 252206
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.2 5.6 8.4





#88

Benzo(k)fluoranthene

Concen: 12.51 ng

RT: 14.77 min Scan# 1118

Delta R.T. -0.06 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

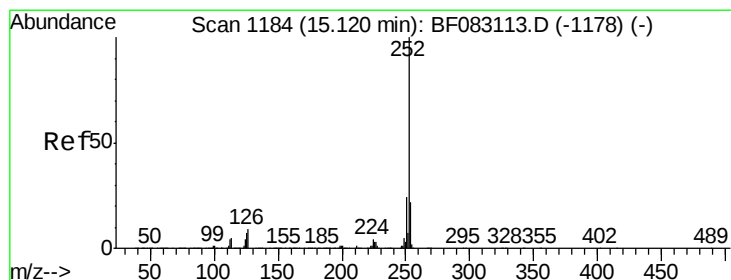
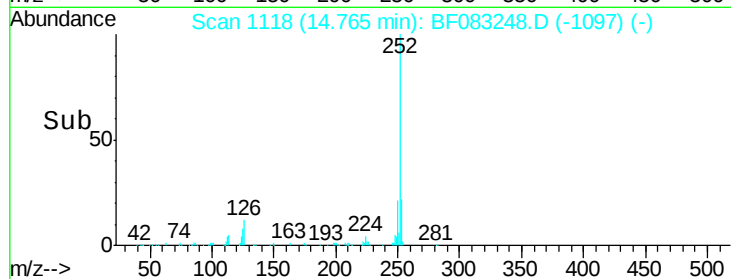
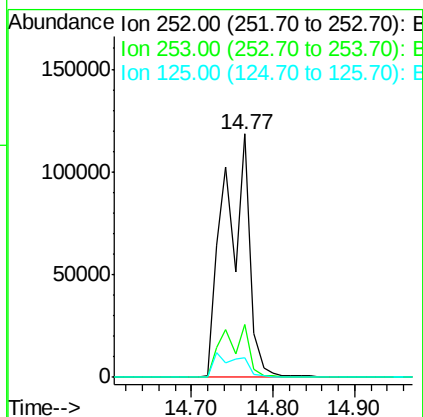
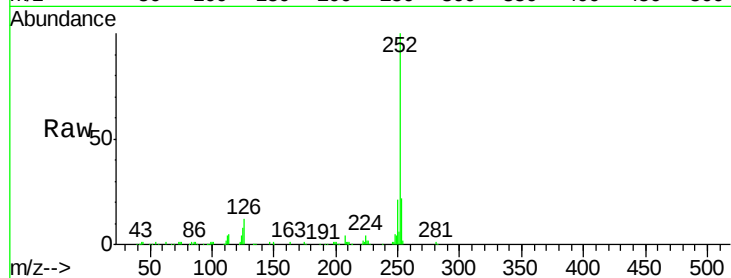
Instrument :

BNA_F

ClientSampleId :

PB86810BS

Tgt Ion:	252	Resp:	252206
Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	8.2	6.8	10.2



#89

Benzo(a)pyrene

Concen: 5.27 ng

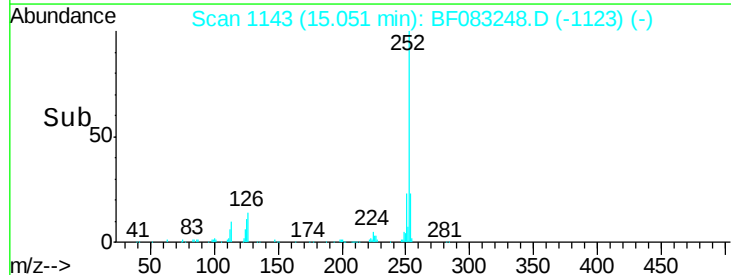
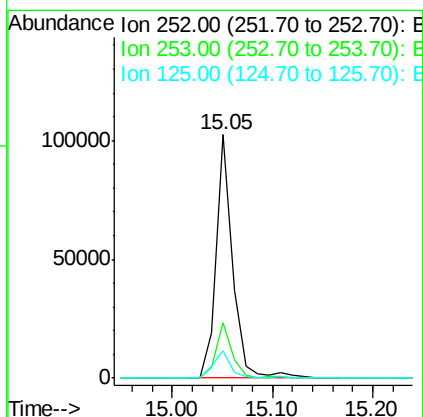
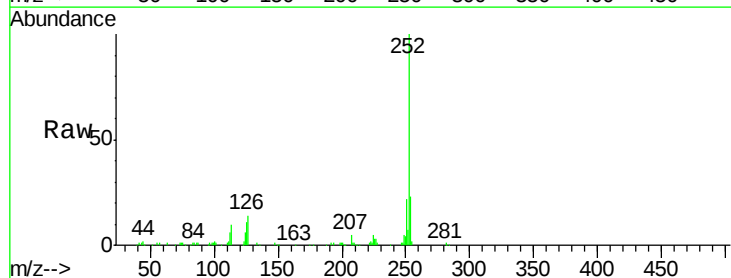
RT: 15.05 min Scan# 1143

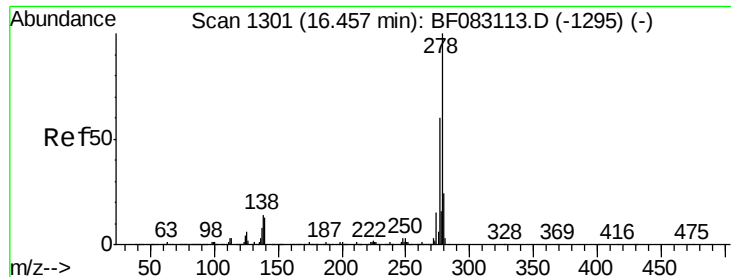
Delta R.T. -0.07 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Tgt Ion:	252	Resp:	117668
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.4	5.4	8.0#





#90

Dibenzo(a,h)anthracene

Concen: 5.16 ng

RT: 16.35 min Scan# 1257

Delta R.T. -0.10 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

PB86810BS

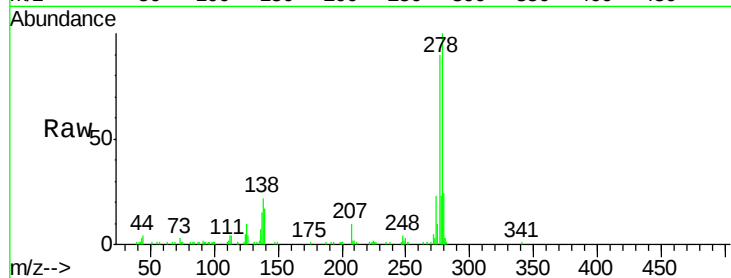
Tgt Ion: 278 Resp: 104788

Ion Ratio Lower Upper

278 100

139 16.7 10.7 16.1#

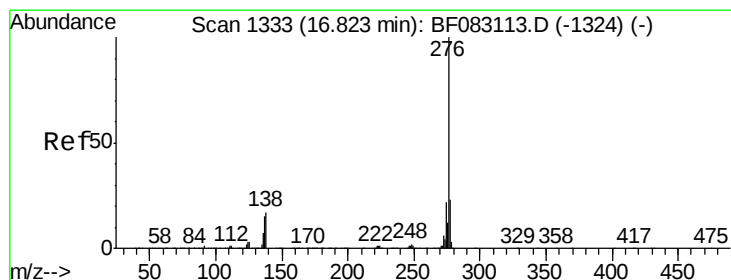
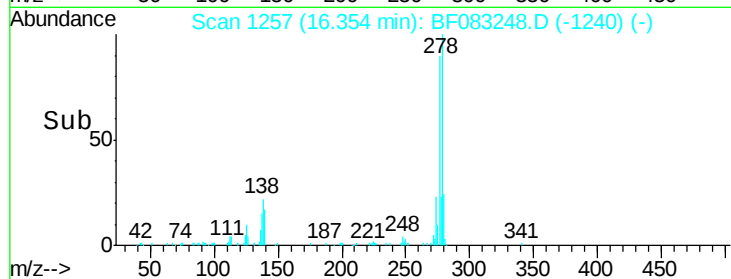
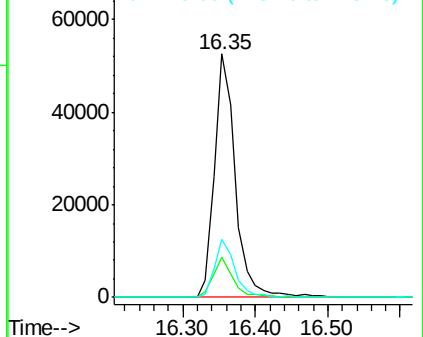
279 24.0 19.3 28.9



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: 5.31 ng

RT: 16.71 min Scan# 1288

Delta R.T. -0.11 min

Lab File: BF083248.D

Acq: 24 Nov 2015 20:41

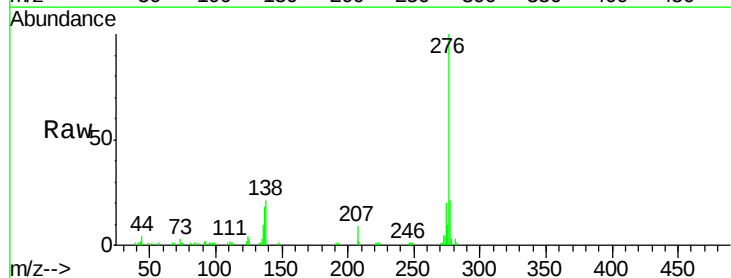
Tgt Ion: 276 Resp: 105115

Ion Ratio Lower Upper

276 100

277 21.2 18.7 28.1

138 21.2 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

