

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083132.D
 Acq On : 22 Nov 2015 2:04
 Operator : UM/IZ
 Sample : PB86744BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BSD

Quant Time: Nov 22 03:24:29 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 01:05:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	189777	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	735788	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	378891	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	709225	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	633640	20.00	ng	-0.01
86) Perylene-d12	15.15	264	568156	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1332693	53.08	ng	-0.01
7) Phenol-d6	6.33	99	1837213	56.56	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1130356	35.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	383304	49.44	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1891043	34.80	ng	0.00
78) Terphenyl-d14	12.75	244	1979368	36.78	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.24	88	195828	31.49	ng	96
3) Pyridine	2.96	79	553381	33.70	ng	96
4) n-Nitrosodimethylamine	2.84	42	278239	36.73	ng	98
6) Aniline	6.32	93	474426	23.90	ng	# 81
8) 2-Chlorophenol	6.44	128	496938	36.64	ng	98
9) Benzaldehyde	6.19	77	342025	42.91	ng	86
10) Phenol	6.34	94	649913	33.08	ng	# 73
11) bis(2-Chloroethyl)ether	6.40	93	504202	35.94	ng	98
12) 1,3-Dichlorobenzene	6.82	146	459601	29.68	ng	99
13) 1,4-Dichlorobenzene	6.67	146	533594	34.07	ng	93
14) 1,2-Dichlorobenzene	6.82	146	469939	33.01	ng	97
15) Benzyl Alcohol	6.82	79	483240	35.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	833047	38.08	ng	80
17) 2-Methylphenol	6.95	107	404523	36.05	ng	97
18) Hexachloroethane	7.16	117	187793	34.04	ng	# 88
19) n-Nitroso-di-n-propylamine	7.08	70	380546	33.67	ng	99
20) 3+4-Methylphenols	7.10	107	541609	38.18	ng	94
22) Acetophenone	7.07	105	697143	33.00	ng	# 99
24) Nitrobenzene	7.24	77	595069	34.59	ng	98
25) Isophorone	7.50	82	1043632	34.23	ng	99
26) 2-Nitrophenol	7.56	139	261460	34.42	ng	95
27) 2,4-Dimethylphenol	7.62	122	450200	37.14	ng	96
28) bis(2-Chloroethoxy)methane	7.71	93	610788	34.46	ng	97
29) 2,4-Dichlorophenol	7.82	162	433163	37.57	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	424960	33.56	ng	96
31) Naphthalene	7.96	128	1393370	35.09	ng	100
32) Benzoic acid	7.78	122	331740	35.21	ng	91
33) 4-Chloroaniline	8.02	127	233786	15.17	ng	99
34) Hexachlorobutadiene	8.09	225	256912	34.33	ng	99
35) Caprolactam	8.42	113	133103	36.02	ng	92
36) 4-Chloro-3-methylphenol	8.52	107	467087	34.98	ng	89
37) 2-Methylnaphthalene	8.65	142	887149	34.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	405616	33.03	ng	# 98
40) Hexachlorocyclopentadiene	8.81	237	447526	64.09	ng	97

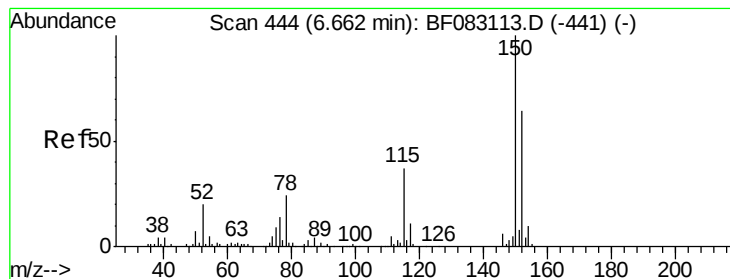
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	311489	35.42	ng	99
43) 2,4,5-Trichlorophenol	8.98	196	303298	33.73	ng	# 79
45) 1,1'-Biphenyl	9.12	154	1070719	33.20	ng	98
46) 2-Chloronaphthalene	9.14	162	895750	35.36	ng	96
47) 2-Nitroaniline	9.24	65	313707	35.01	ng	99
48) Acenaphthylene	9.55	152	1393196	35.49	ng	99
49) Dimethylphthalate	9.44	163	1081891	37.09	ng	98
50) 2,6-Dinitrotoluene	9.48	165	231005	35.29	ng	97
51) Acenaphthene	9.72	154	841066	35.21	ng	100
52) 3-Nitroaniline	9.66	138	128273	18.38	ng	# 73
53) 2,4-Dinitrophenol	9.76	184	263278	69.82	ng	# 87
54) Dibenzofuran	9.90	168	1174236	34.76	ng	95
55) 4-Nitrophenol	9.85	139	382720	71.52	ng	94
56) 2,4-Dinitrotoluene	9.88	165	290075	34.98	ng	92
57) Fluorene	10.24	166	1002691	35.92	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	264210	35.82	ng	97
59) Diethylphthalate	10.14	149	1026946	35.37	ng	100
60) 4-Chlorophenyl-phenylether	10.24	204	449242	35.14	ng	# 79
61) 4-Nitroaniline	10.27	138	220303	32.07	ng	91
62) Azobenzene	10.39	77	1227878	37.05	ng	98
64) 4,6-Dinitro-2-methylphenol	10.30	198	186388	38.14	ng	98
65) n-Nitrosodiphenylamine	10.35	169	831106	34.45	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	285749	36.31	ng	# 88
67) Hexachlorobenzene	10.79	284	304706	35.16	ng	# 78
68) Atrazine	10.89	200	266246	38.01	ng	98
69) Pentachlorophenol	10.98	266	376195	66.64	ng	98
70) Phenanthrene	11.19	178	1424271	34.86	ng	99
71) Anthracene	11.24	178	1572870	37.73	ng	99
72) Carbazole	11.40	167	1349393	36.42	ng	100
73) Di-n-butylphthalate	11.75	149	1666688	36.85	ng	99
74) Fluoranthene	12.38	202	1553216	37.14	ng	93
76) Benzidine	12.50	184	648975	39.08	ng	99
77) Pyrene	12.59	202	1508820	34.85	ng	100
79) Butylbenzylphthalate	13.23	149	747616	36.49	ng	99
80) Benzo(a)anthracene	13.78	228	1481596	37.81	ng	100
81) 3,3'-Dichlorobenzidine	13.76	252	330860	24.26	ng	99
82) Chrysene	13.82	228	1162760	31.99	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	957166	35.77	ng	99
84) Di-n-octyl phthalate	14.40	149	1698825	36.88	ng	99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1159092	35.06	ng	98
87) Benzo(b)fluoranthene	14.81	252	2408941	62.05	ng	# 96
88) Benzo(k)fluoranthene	14.81	252	2408941	83.29	ng	98
89) Benzo(a)pyrene	15.10	252	1151269	35.92	ng	# 94
90) Dibenzo(a,h)anthracene	16.43	278	986879	33.90	ng	98
91) Benzo(g,h,i)perylene	16.80	276	969831	34.12	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

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PB86744BSD

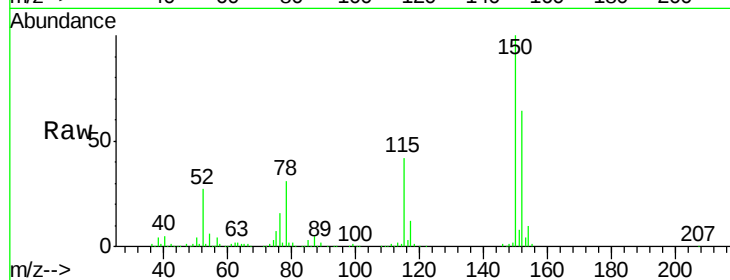
Tgt Ion:152 Resp: 189777

Ion Ratio Lower Upper

152 100

150 157.4 125.8 188.8

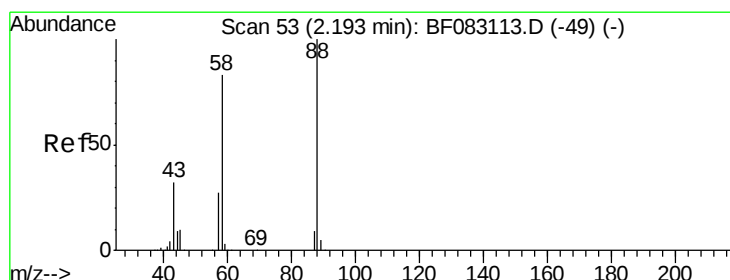
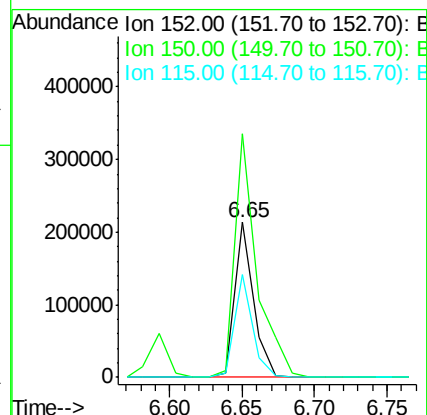
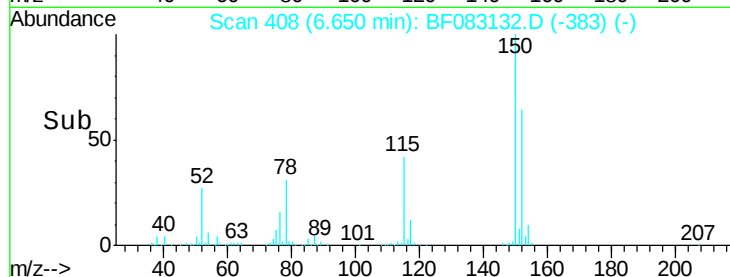
115 66.9 46.9 70.3



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: 31.49 ng

RT: 2.24 min Scan# 22

Delta R.T. 0.05 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

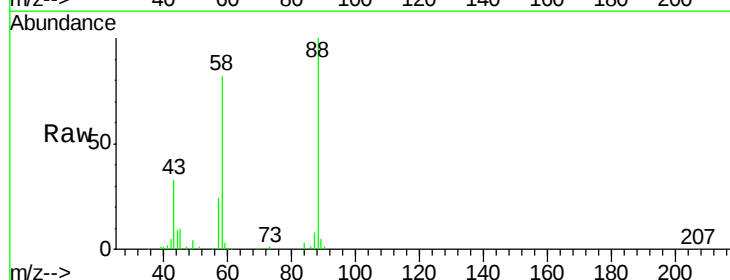
Tgt Ion: 88 Resp: 195828

Ion Ratio Lower Upper

88 100

58 85.9 65.0 97.6

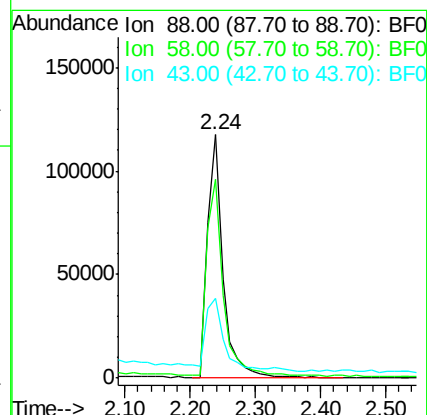
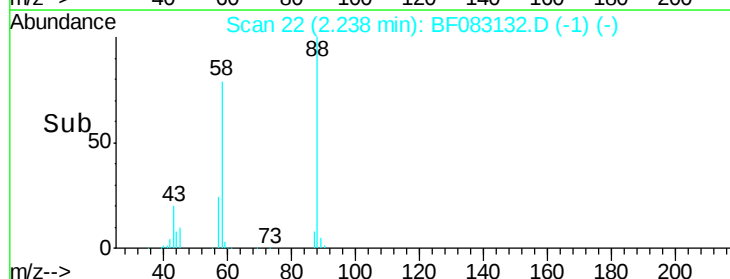
43 31.0 24.7 37.1

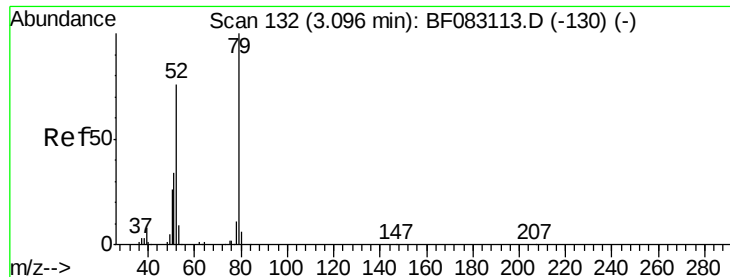


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.70 ng

RT: 2.96 min Scan# 85

Delta R.T. -0.14 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

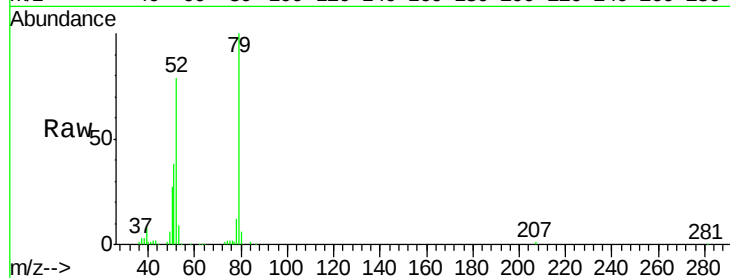
Tgt Ion: 79 Resp: 553381

Ion Ratio Lower Upper

79 100

52 79.2 60.7 91.1

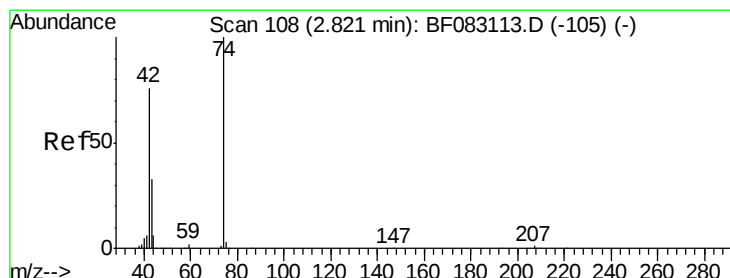
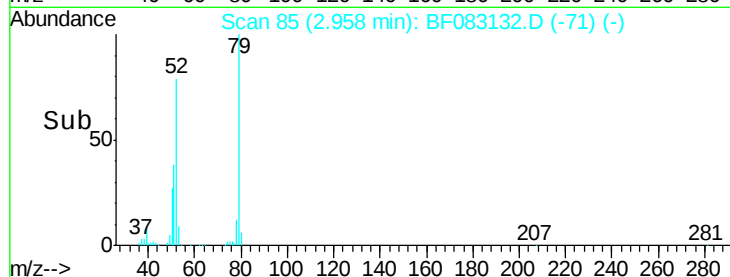
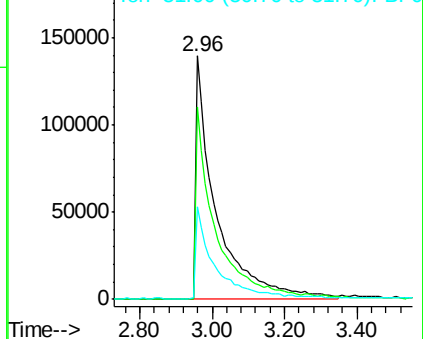
51 38.0 27.9 41.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.73 ng

RT: 2.84 min Scan# 75

Delta R.T. 0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

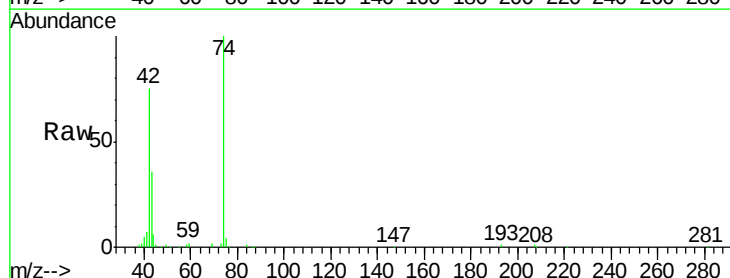
Tgt Ion: 42 Resp: 278239

Ion Ratio Lower Upper

42 100

74 133.5 104.8 157.2

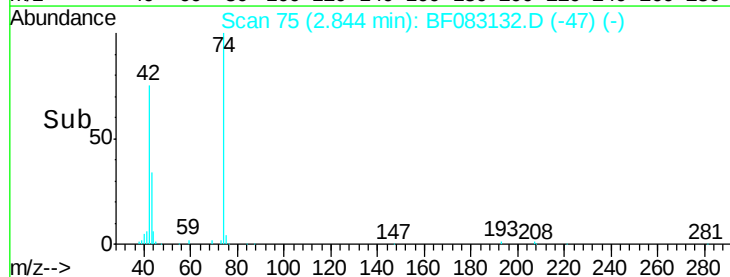
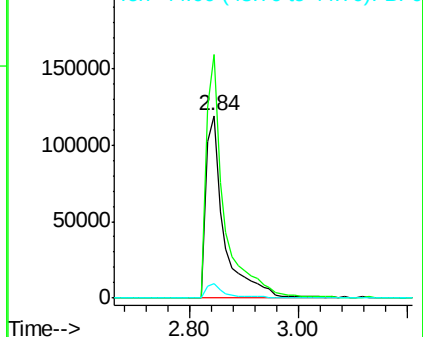
44 7.9 6.2 9.4

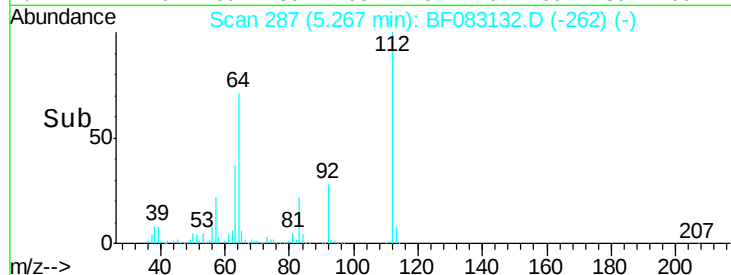
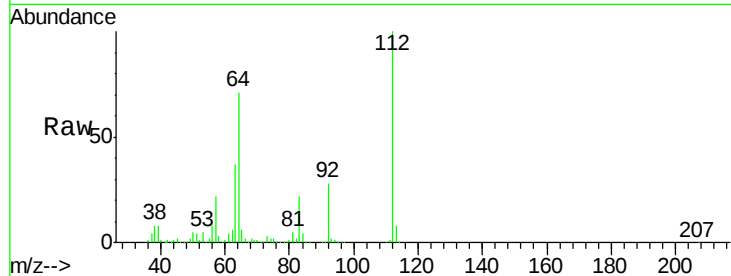
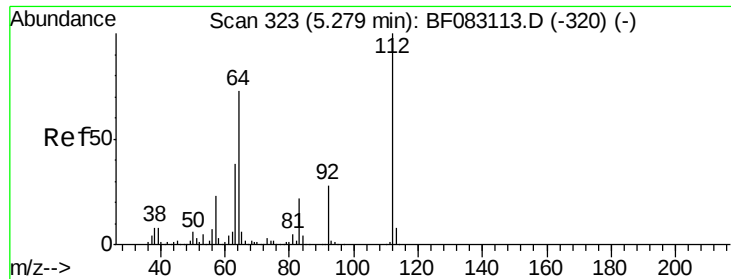


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 53.08 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

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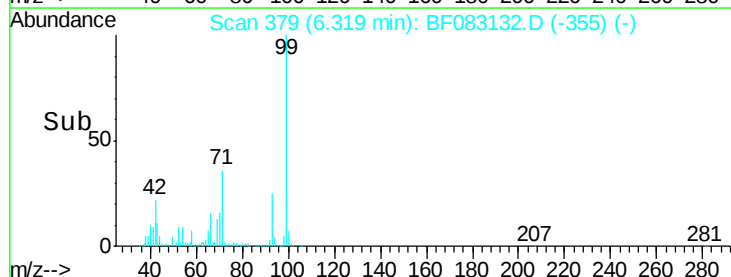
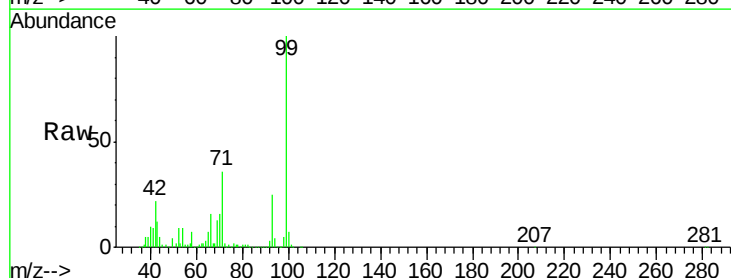
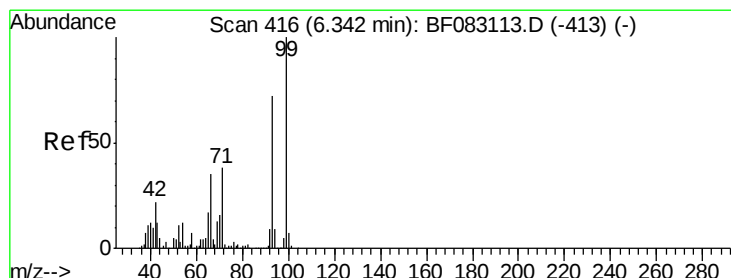
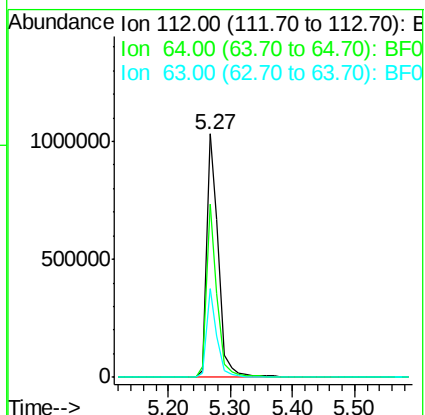
Tgt Ion:112 Resp: 1332693

Ion Ratio Lower Upper

112 100

64 71.4 58.4 87.6

63 36.6 30.0 45.0



#6

Aniline

Concen: 23.90 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

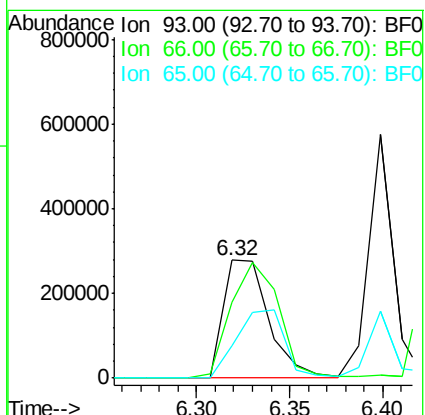
Tgt Ion: 93 Resp: 474426

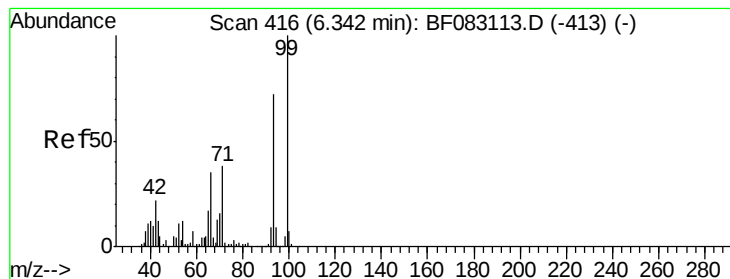
Ion Ratio Lower Upper

93 100

66 65.0 38.7 58.1#

65 27.3 18.6 27.8





#7

Phenol-d6

Concen: 56.56 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

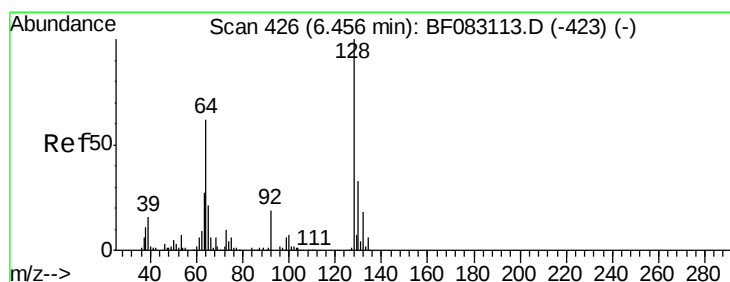
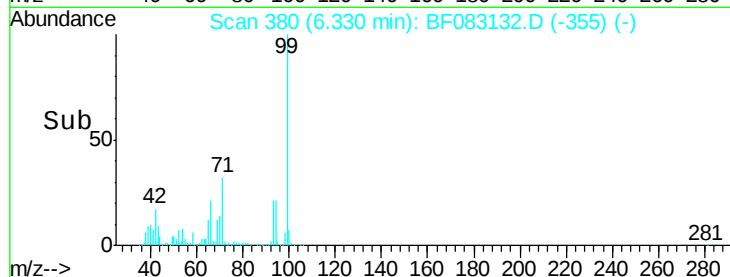
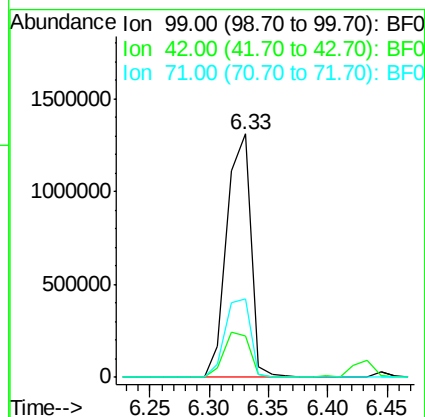
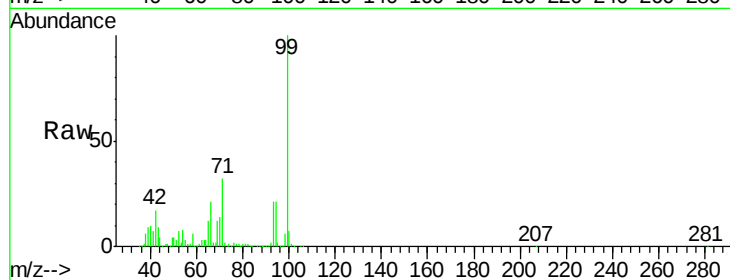
BNA_F

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Tgt Ion: 99 Resp: 1837213

Ion	Ratio	Lower	Upper
99	100		
42	17.2	17.7	26.5#
71	32.2	30.2	45.4



#8

2-Chlorophenol

Concen: 36.64 ng

RT: 6.44 min Scan# 390

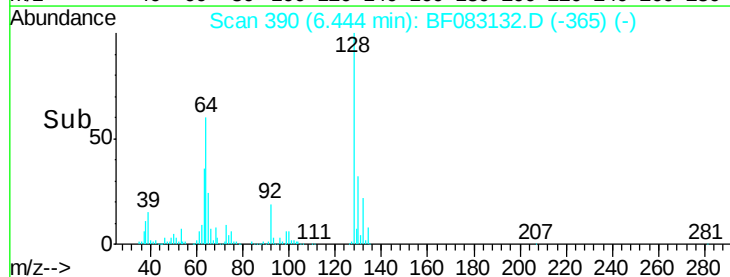
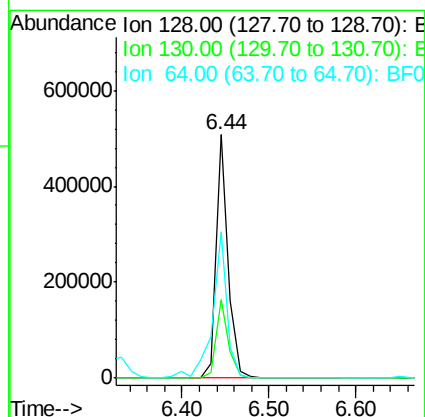
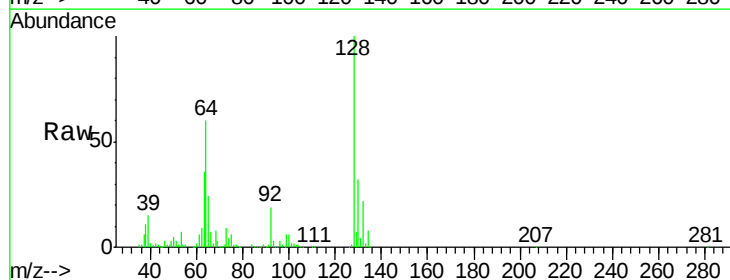
Delta R.T. -0.01 min

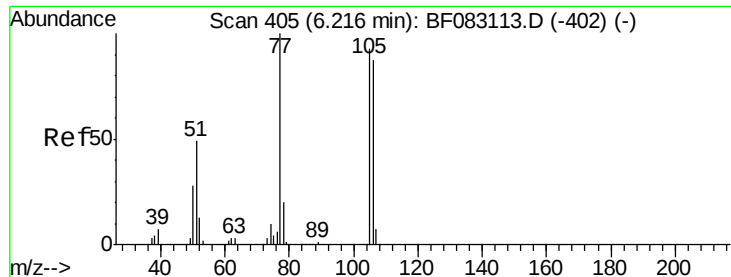
Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Tgt Ion: 128 Resp: 496938

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	60.3	41.9	81.9





#9

Benzaldehyde

Concen: 42.91 ng

RT: 6.19 min Scan# 368

Delta R.T. -0.02 min

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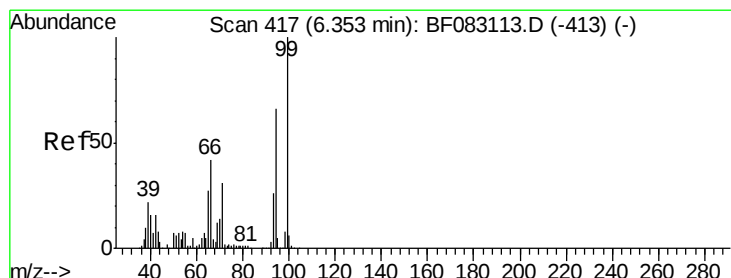
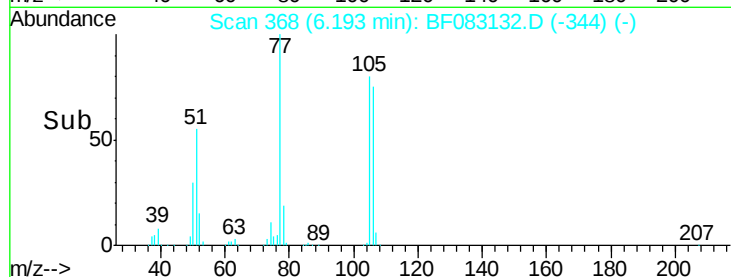
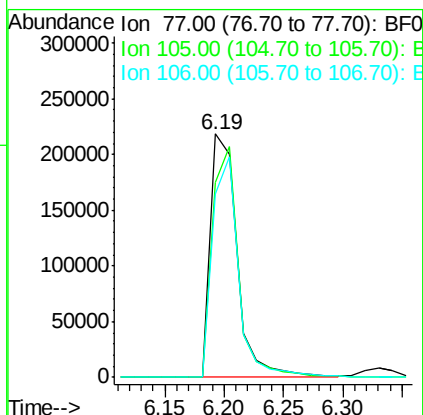
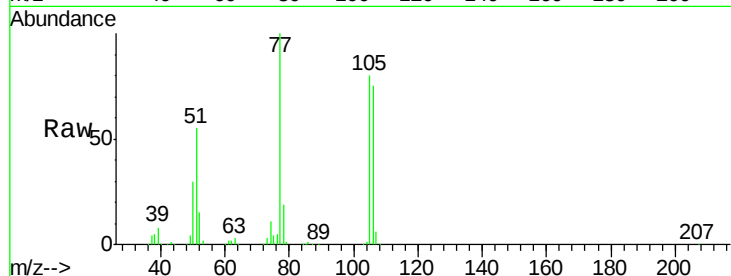
Tgt Ion: 77 Resp: 342025

Ion Ratio Lower Upper

77 100

105 80.0 73.4 113.4

106 75.3 67.5 107.5



#10

Phenol

Concen: 33.08 ng

RT: 6.34 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

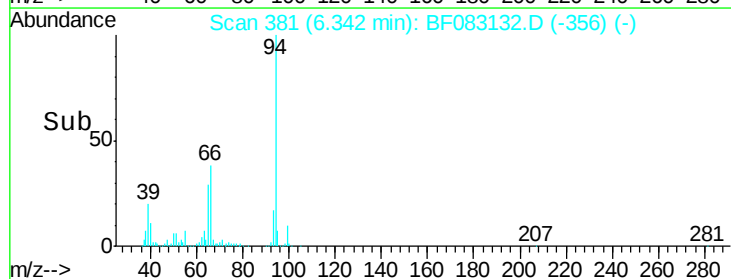
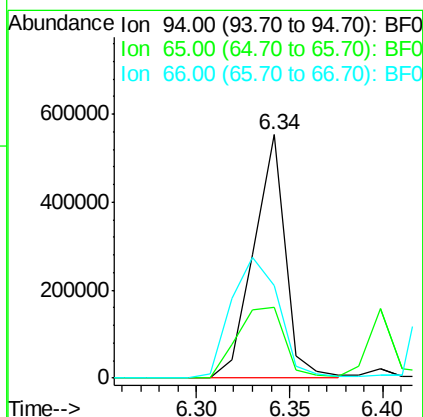
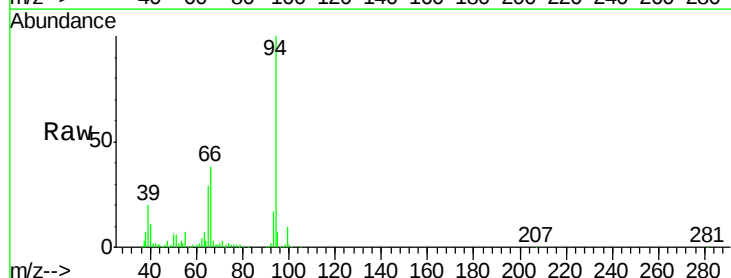
Tgt Ion: 94 Resp: 649913

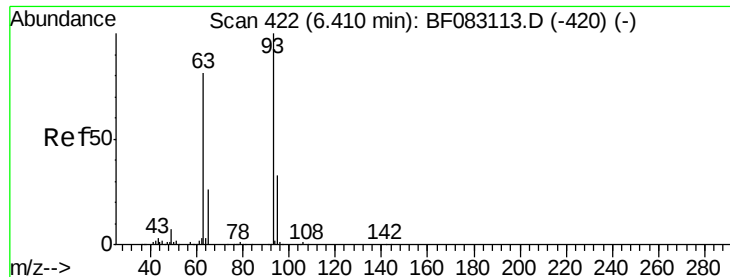
Ion Ratio Lower Upper

94 100

65 29.2 21.1 61.1

66 38.0 43.1 83.1#

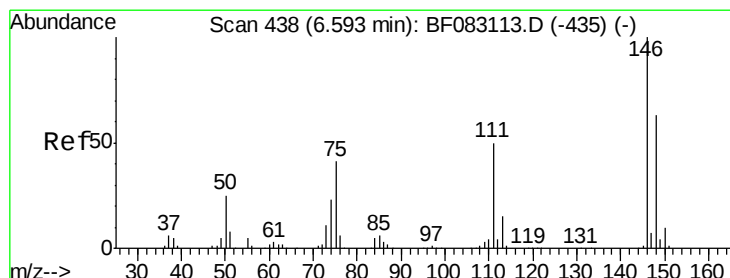
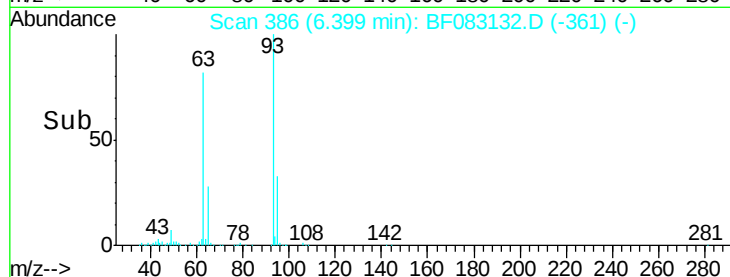
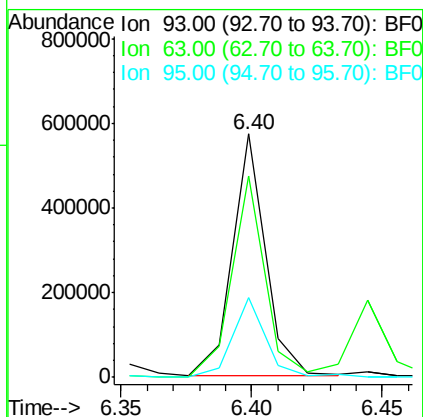
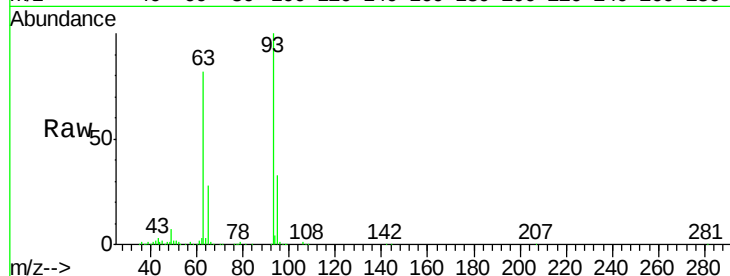




#11
bis(2-Chloroethyl)ether
Concen: 35.94 ng
RT: 6.40 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

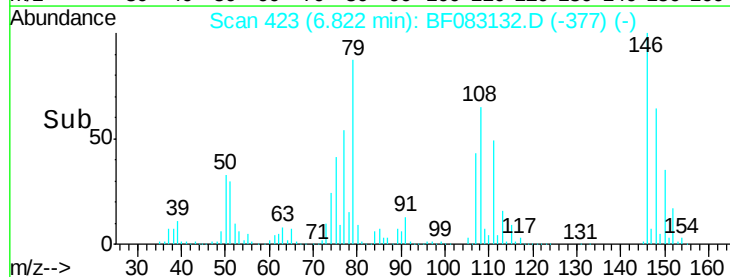
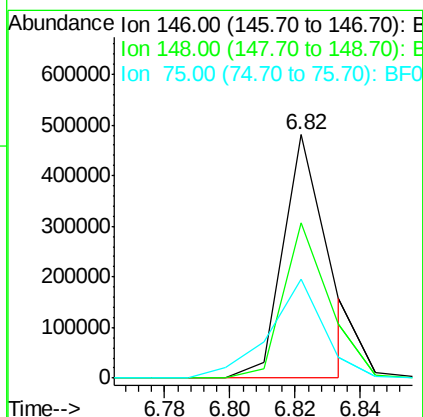
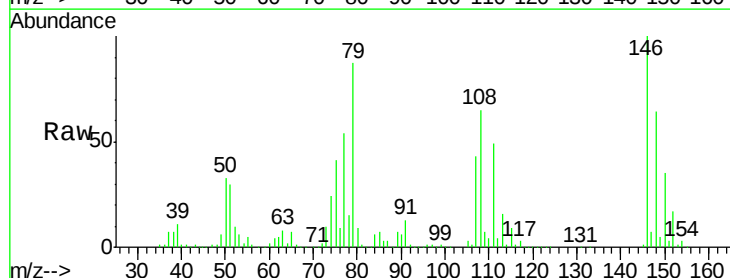
Instrument :
BNA_F
ClientSampleId :
PB86744BSD

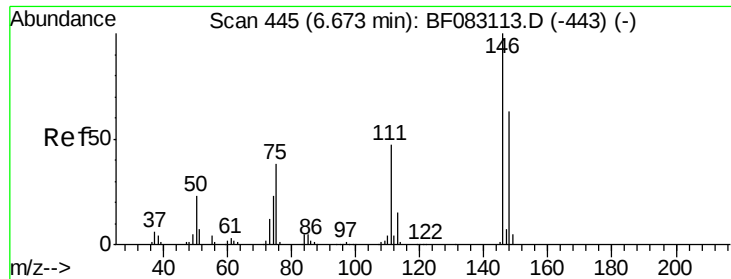
Tgt Ion: 93 Resp: 504202
Ion Ratio Lower Upper
93 100
63 82.5 59.8 99.8
95 33.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 29.68 ng
RT: 6.82 min Scan# 423
Delta R.T. 0.23 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Tgt Ion: 146 Resp: 459601
Ion Ratio Lower Upper
146 100
148 63.9 50.2 75.2
75 40.9 32.7 49.1

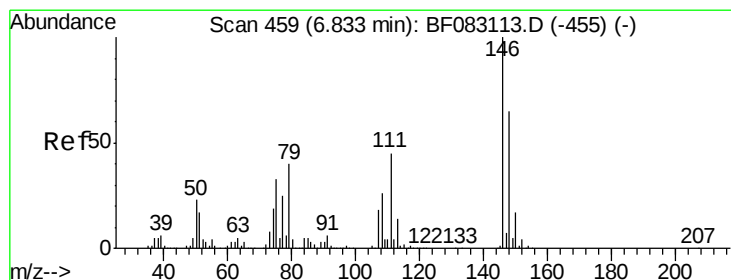
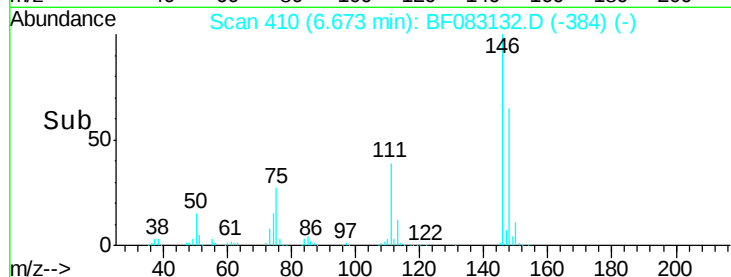
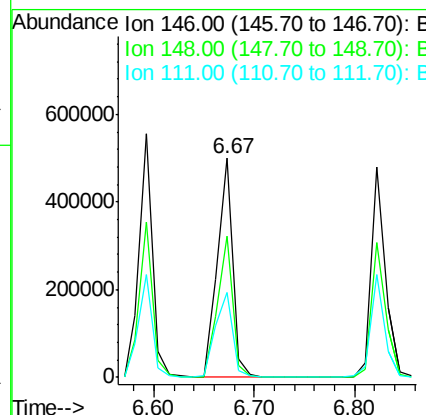
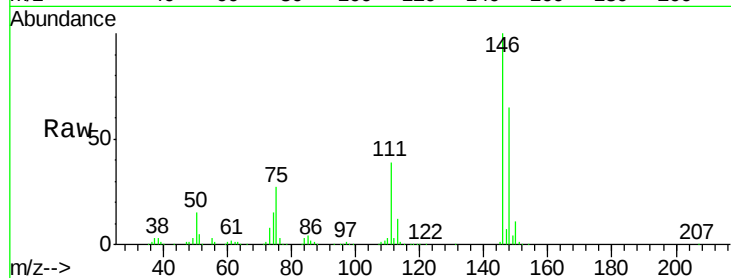




#13
 1,4-Dichlorobenzene
 Concen: 34.07 ng
 RT: 6.67 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

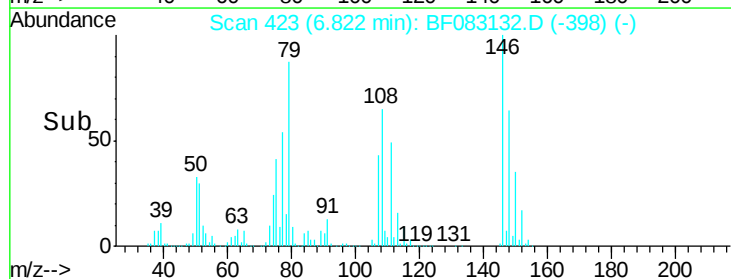
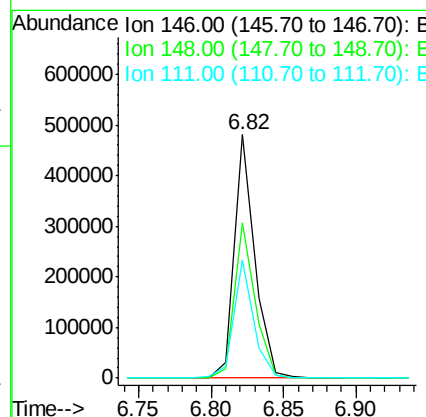
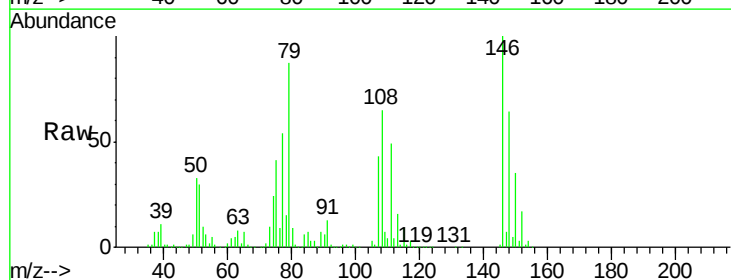
Instrument :
 BNA_F
 ClientSampleId :
 PB86744BSD

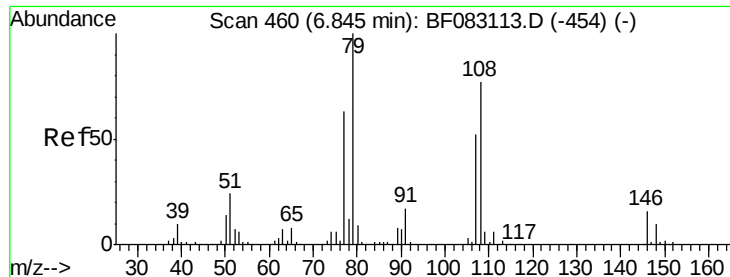
Tgt Ion:146 Resp: 533594
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.2 75.2
 111 38.8 37.5 56.3



#14
 1,2-Dichlorobenzene
 Concen: 33.01 ng
 RT: 6.82 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Tgt Ion:146 Resp: 469939
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 111 48.6 36.2 54.4





#15

Benzyl Alcohol

Concen: 35.61 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

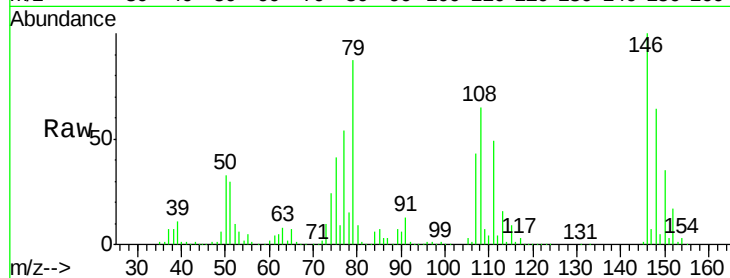
Tgt Ion: 79 Resp: 483240

Ion Ratio Lower Upper

79 100

108 74.2 61.4 92.2

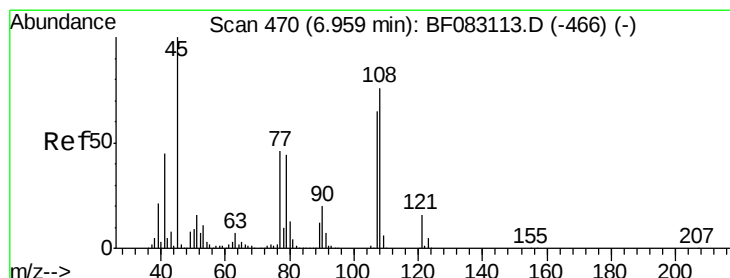
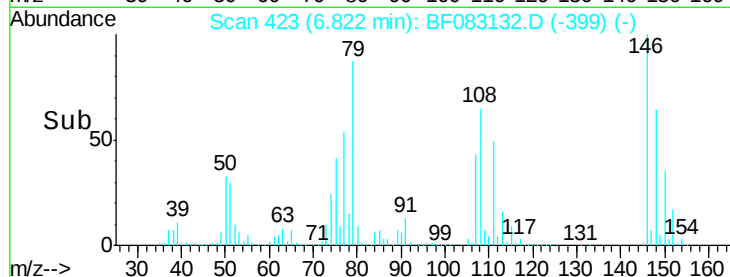
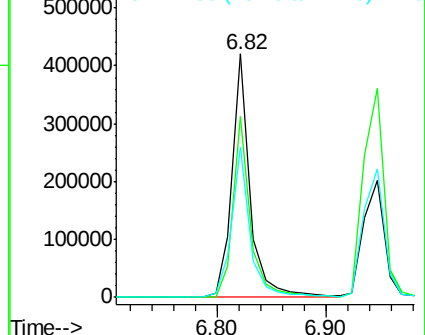
77 61.8 50.5 75.7



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: 38.08 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

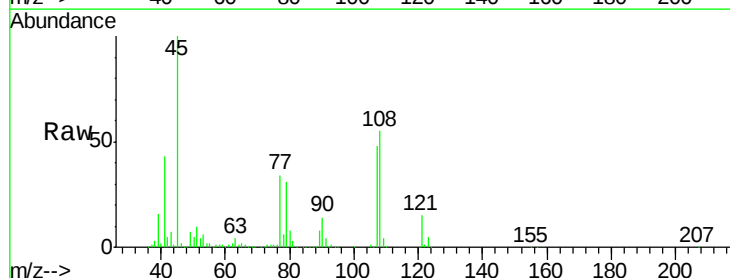
Tgt Ion: 45 Resp: 833047

Ion Ratio Lower Upper

45 100

77 33.9 26.7 66.7

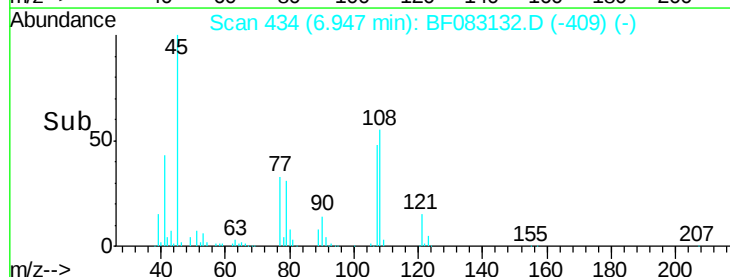
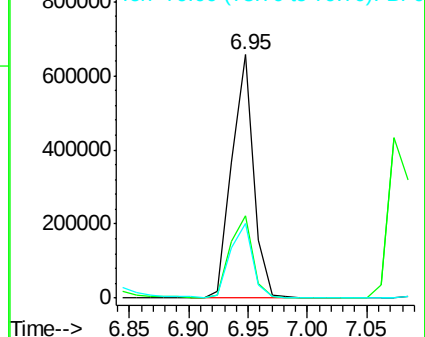
79 30.7 24.3 64.3

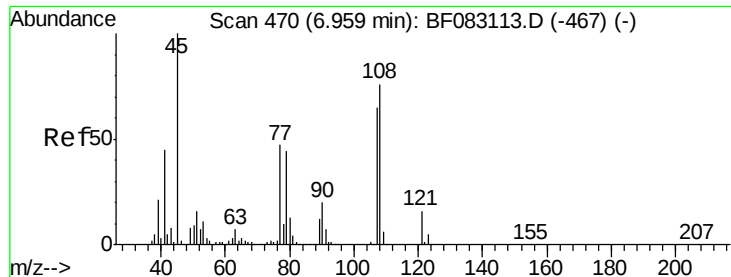


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

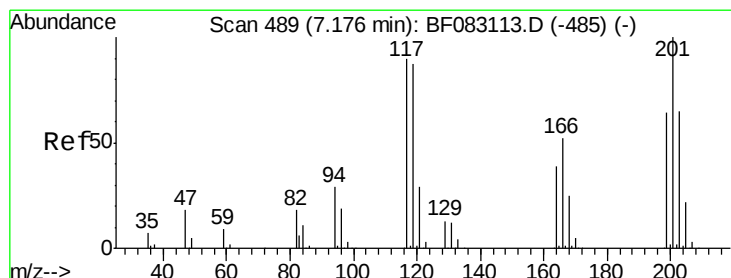
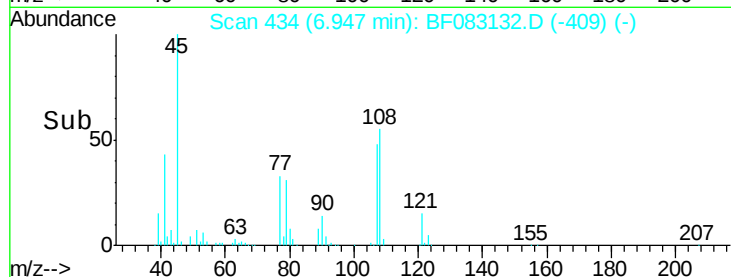
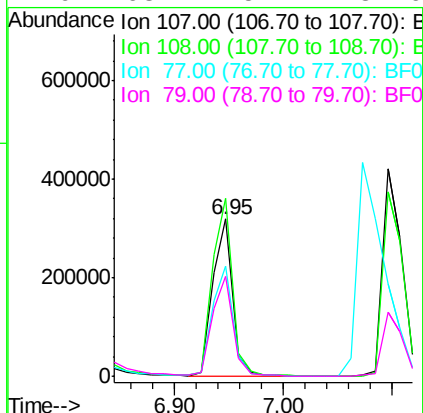
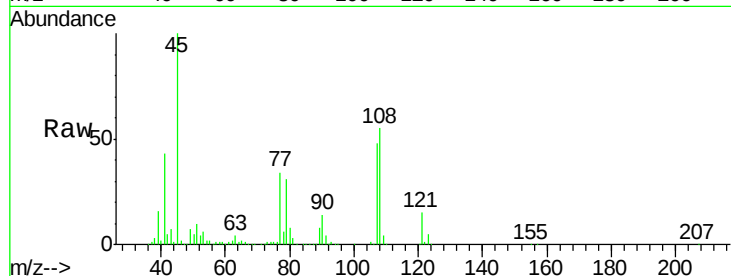




#17
2-Methylphenol
Concen: 36.05 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

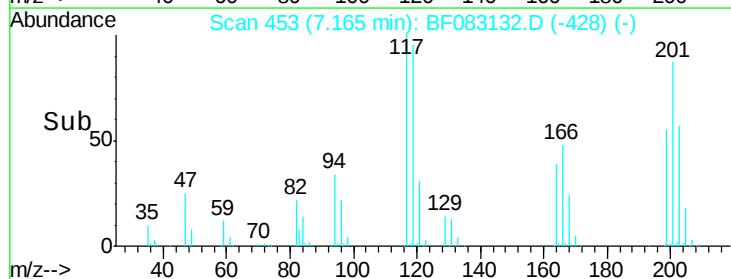
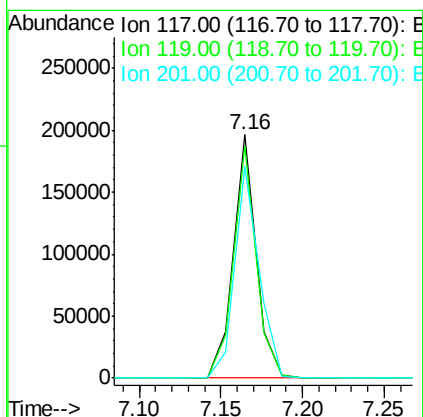
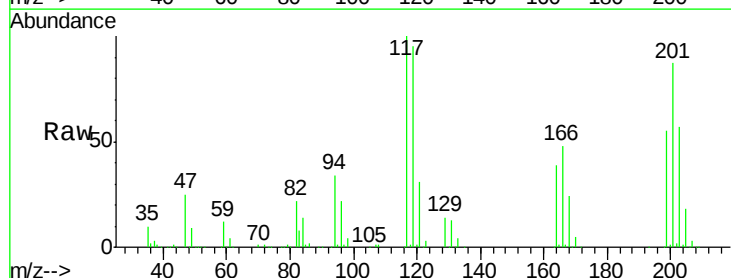
Instrument :
BNA_F
ClientSampleId :
PB86744BSD

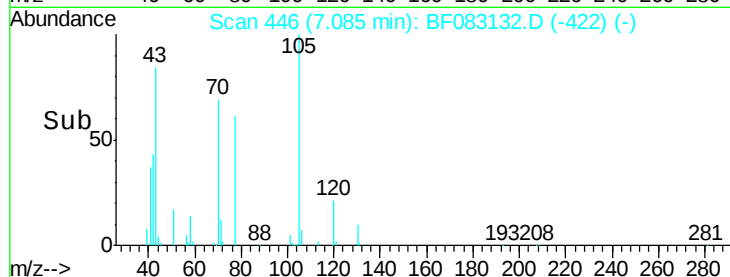
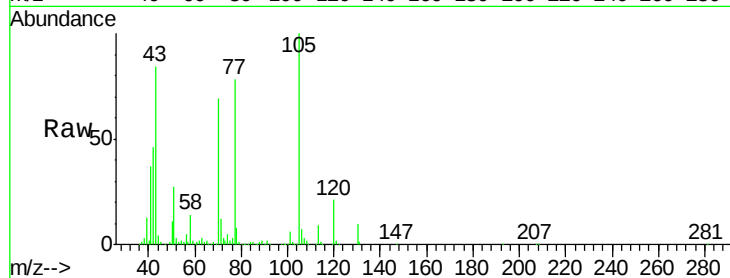
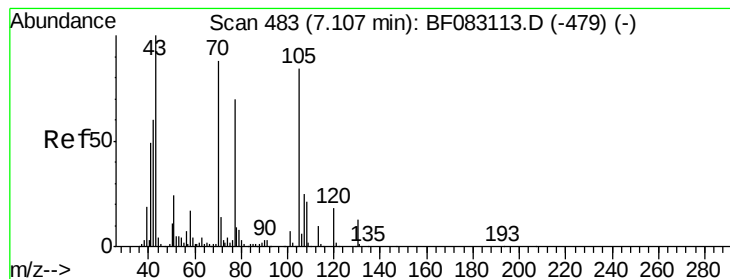
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.9	93.8	140.6
77	69.9	57.4	86.0
79	63.4	54.4	81.6



#18
Hexachloroethane
Concen: 34.04 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.8	115.2
201	87.0	88.6	133.0#





#19

n-Nitroso-di-n-propylamine

Concen: 33.67 ng

RT: 7.08 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

Tgt Ion: 70 Resp: 380546

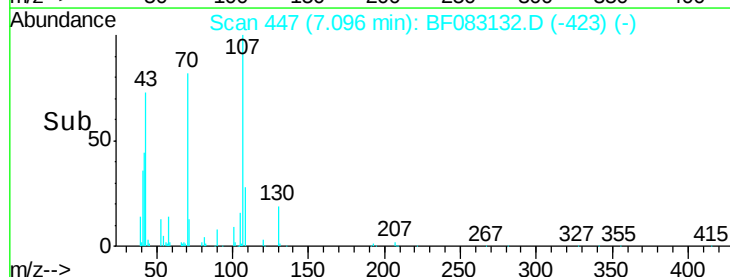
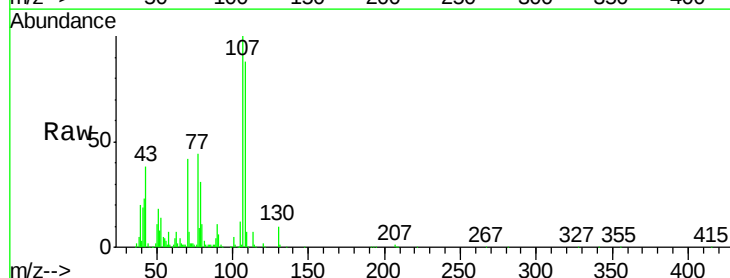
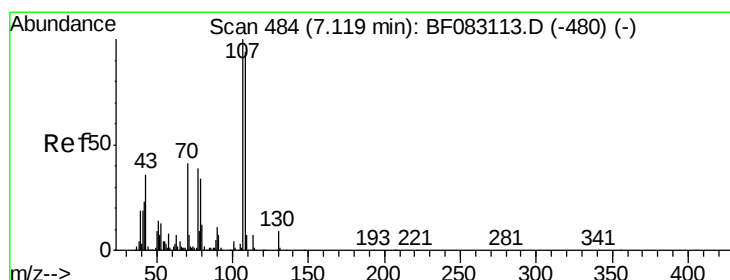
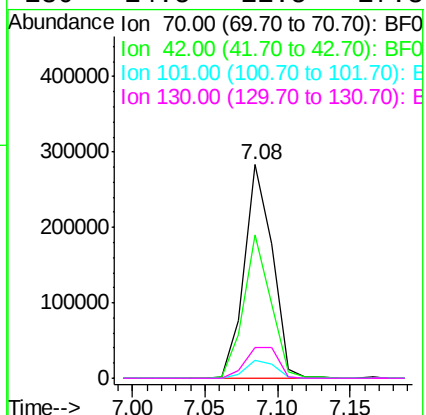
Ion Ratio Lower Upper

70 100

42 67.4 54.5 81.7

101 8.3 6.6 9.8

130 14.5 11.5 17.3



#20

3+4-Methylphenols

Concen: 38.18 ng

RT: 7.10 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Tgt Ion: 107 Resp: 541609

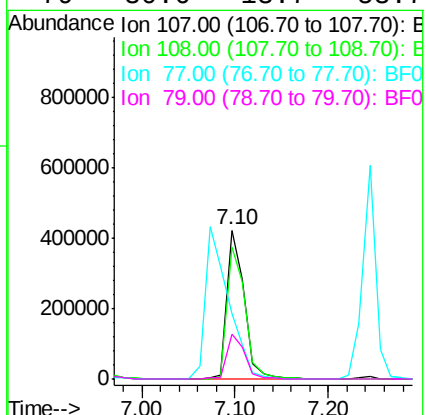
Ion Ratio Lower Upper

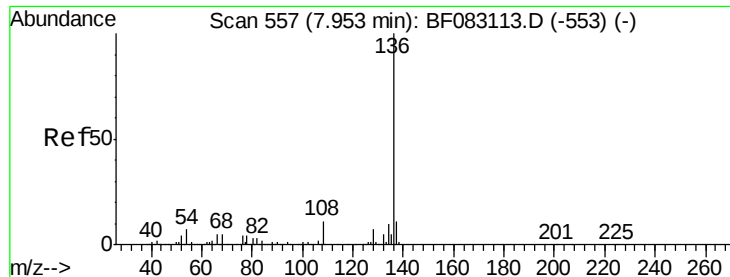
107 100

108 88.4 73.8 113.8

77 44.3 19.1 59.1

79 30.6 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

Tgt Ion:136 Resp: 735788

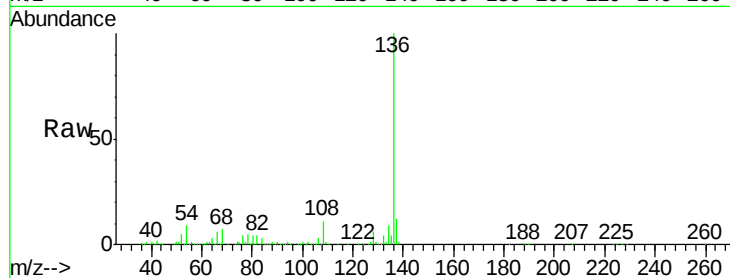
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 9.2 5.8 8.6#

68 6.8 3.8 5.8#

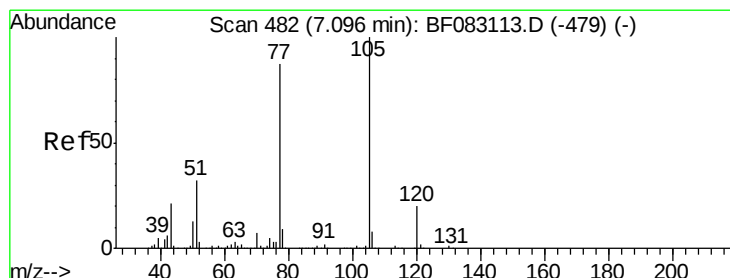
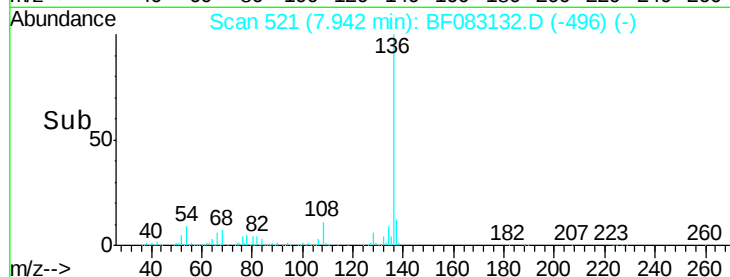
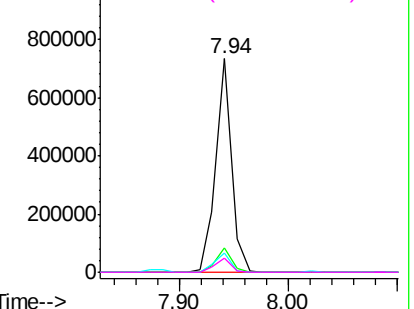


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.00 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Tgt Ion:105 Resp: 697143

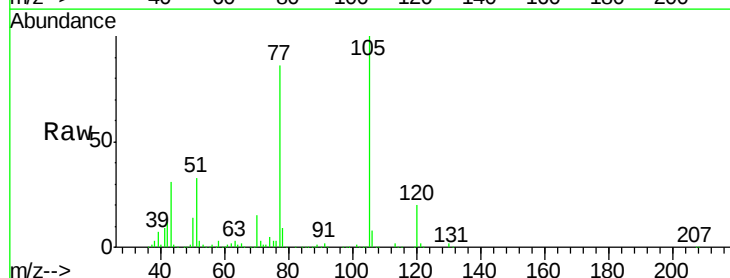
Ion Ratio Lower Upper

105 100

71 2.6 1.0 1.4#

51 32.9 25.6 38.4

120 19.8 15.8 23.6

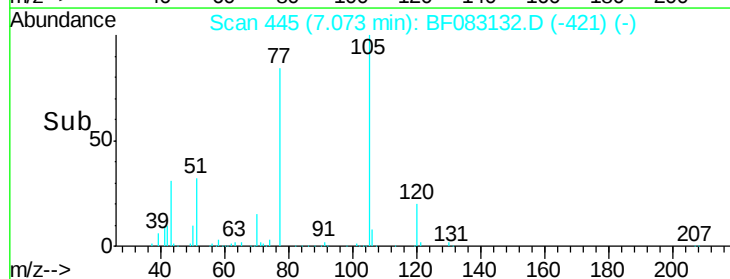
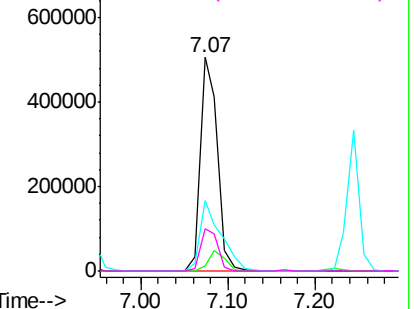


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

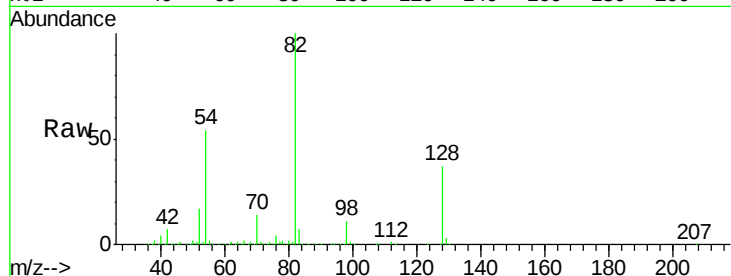




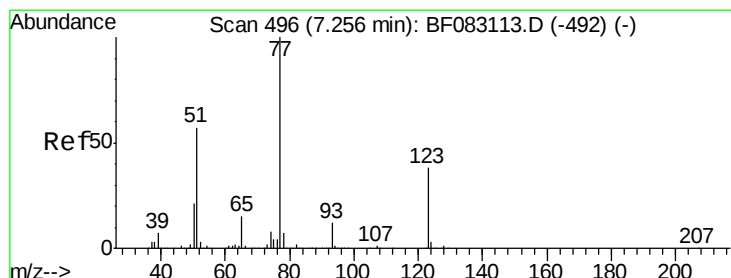
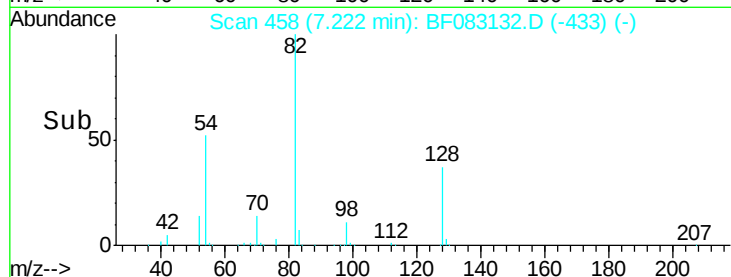
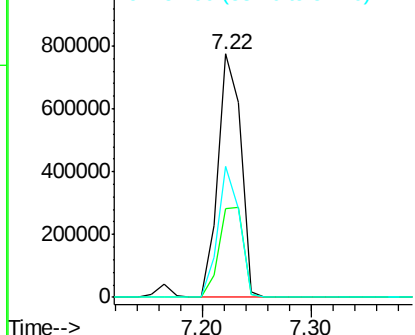
#23
 Nitrobenzene-d5
 Concen: 35.10 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BSD

Tgt Ion: 82 Resp: 1130356
 Ion Ratio Lower Upper
 82 100
 128 36.5 28.5 42.7
 54 53.8 44.6 67.0

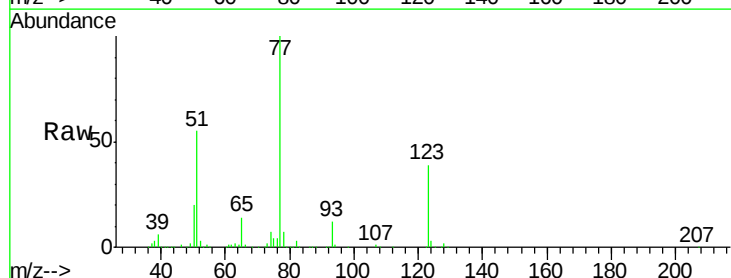


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

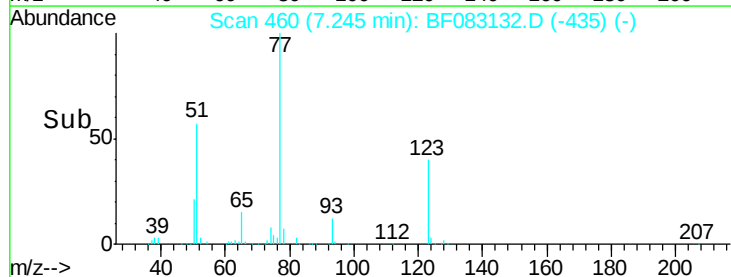
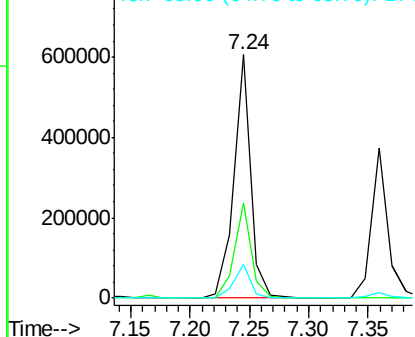


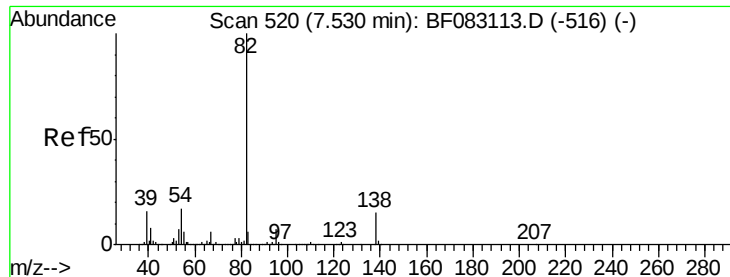
#24
 Nitrobenzene
 Concen: 34.59 ng
 RT: 7.24 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Tgt Ion: 77 Resp: 595069
 Ion Ratio Lower Upper
 77 100
 123 39.3 30.1 45.1
 65 14.1 11.6 17.4



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





#25

Isophorone

Concen: 34.23 ng

RT: 7.50 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

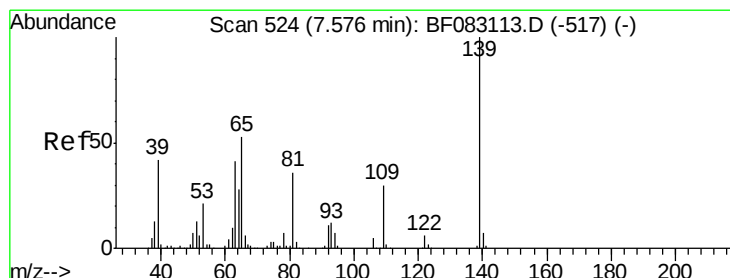
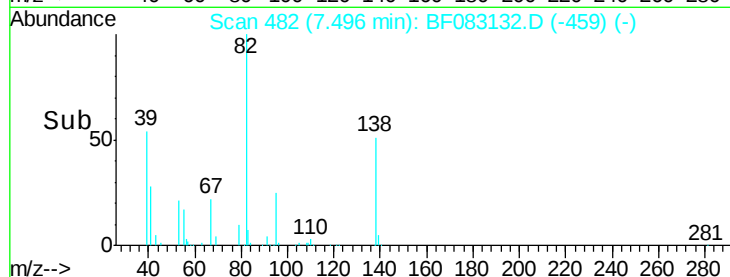
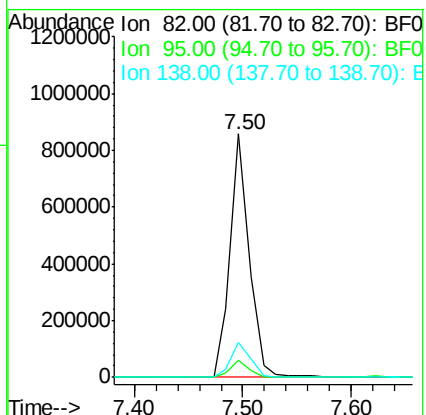
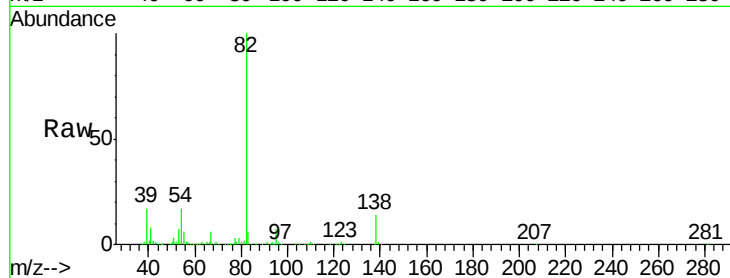
Tgt Ion: 82 Resp: 1043632

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.8

138 14.2 11.6 17.4



#26

2-Nitrophenol

Concen: 34.42 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

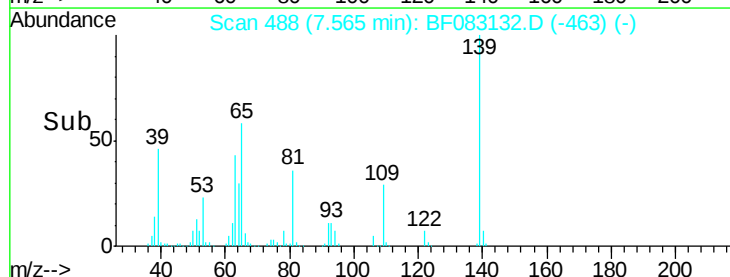
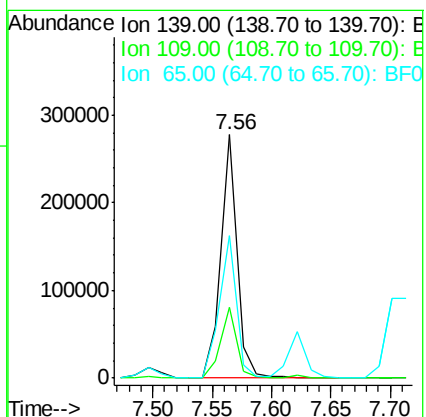
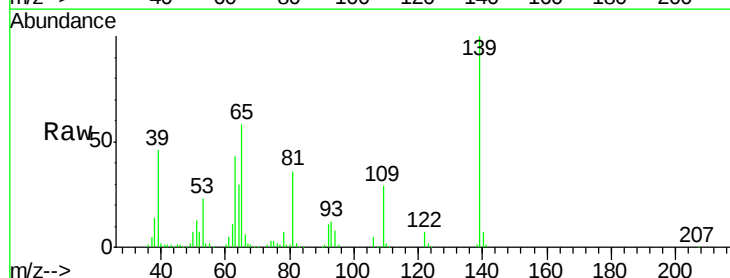
Tgt Ion: 139 Resp: 261460

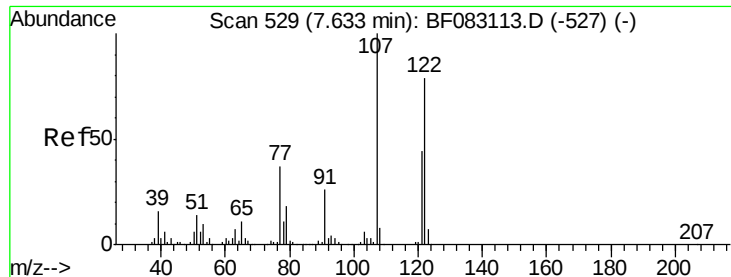
Ion Ratio Lower Upper

139 100

109 29.2 23.9 35.9

65 58.4 42.7 64.1

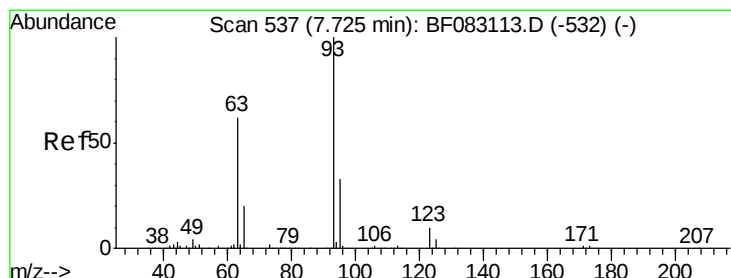
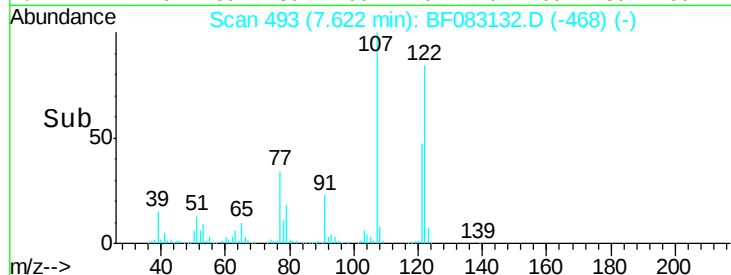
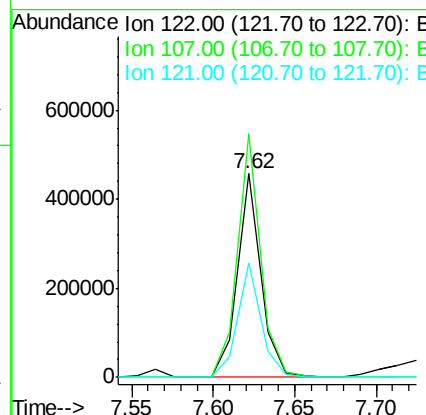
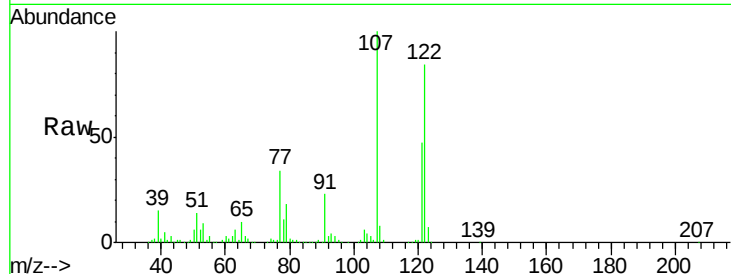




#27
 2,4-Dimethylphenol
 Concen: 37.14 ng
 RT: 7.62 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

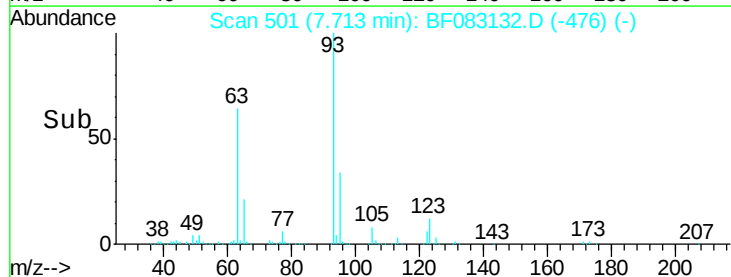
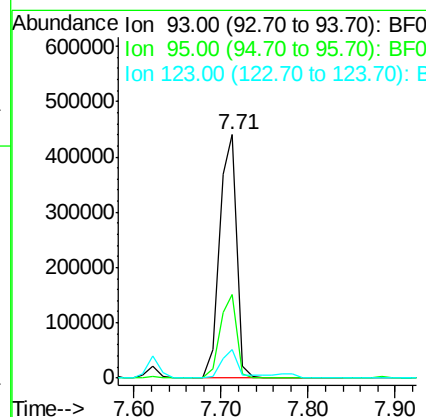
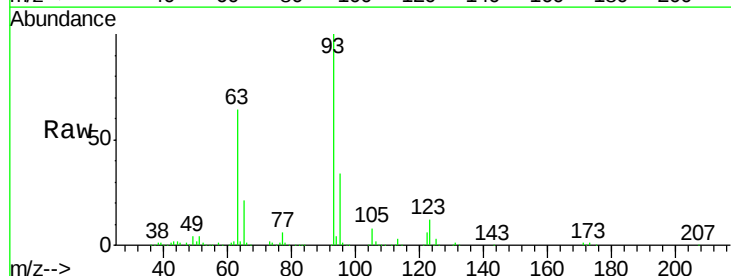
Instrument :
 BNA_F
 ClientSampleId :
 PB86744BSD

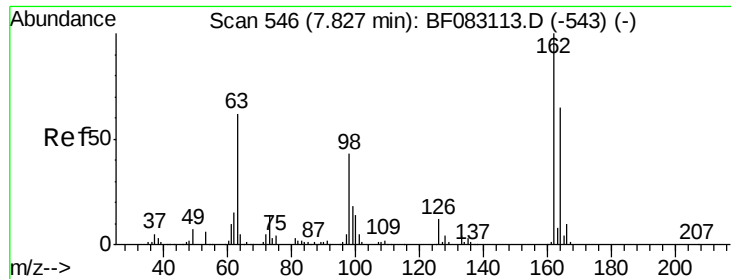
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.5	101.1	151.7
121	56.2	44.9	67.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.46 ng
 RT: 7.71 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	26.5	39.7
123	11.7	8.1	12.1

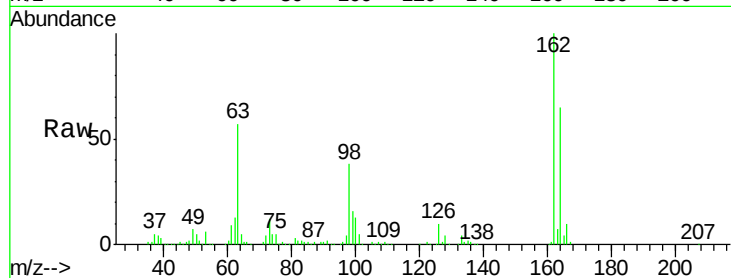




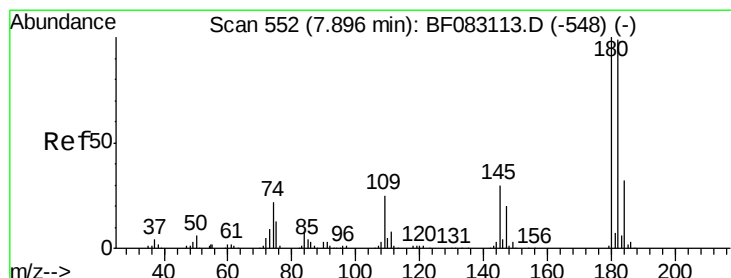
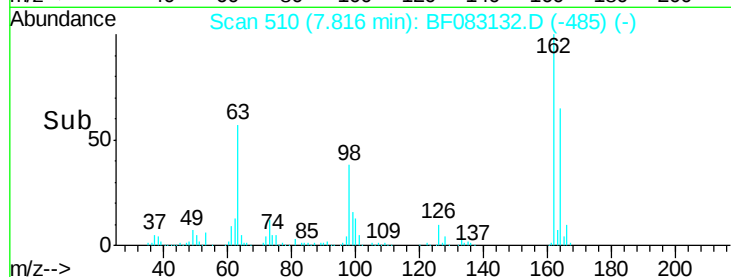
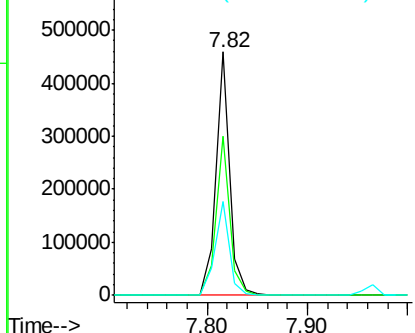
#29
 2,4-Dichlorophenol
 Concen: 37.57 ng
 RT: 7.82 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BSD

Tgt Ion:162 Resp: 433163
 Ion Ratio Lower Upper
 162 100
 164 65.1 44.8 84.8
 98 38.4 23.1 63.1

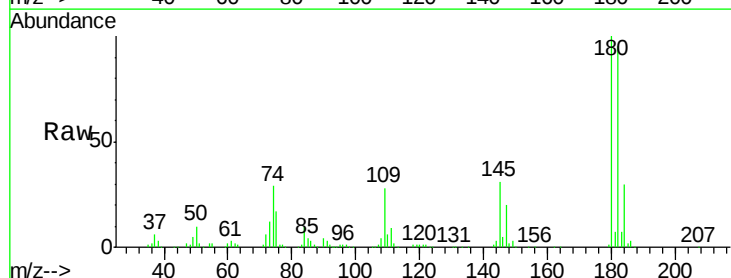


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

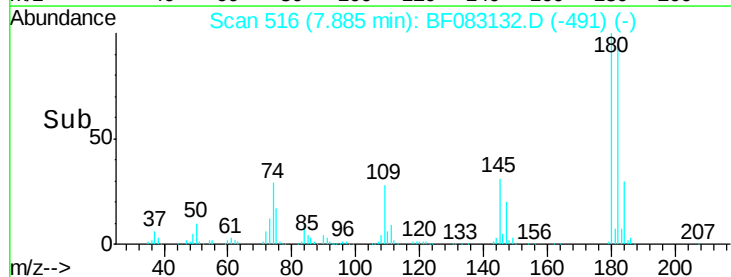
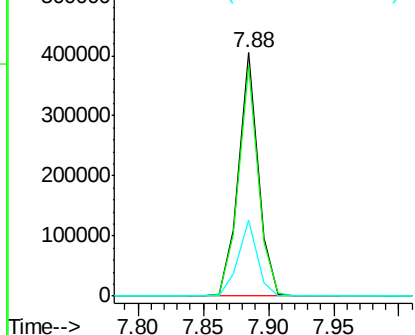


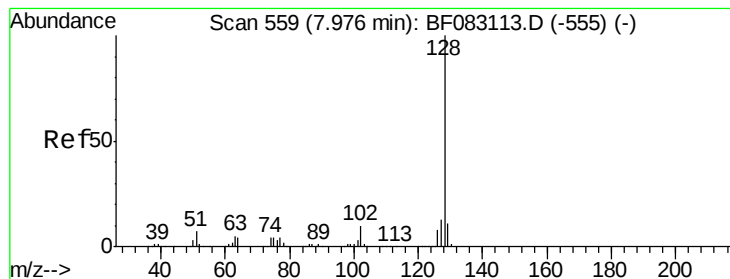
#30
 1,2,4-Trichlorobenzene
 Concen: 33.56 ng
 RT: 7.88 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Tgt Ion:180 Resp: 424960
 Ion Ratio Lower Upper
 180 100
 182 94.8 79.0 118.6
 145 31.3 24.2 36.2



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





#31

Naphthalene

Concen: 35.09 ng

RT: 7.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

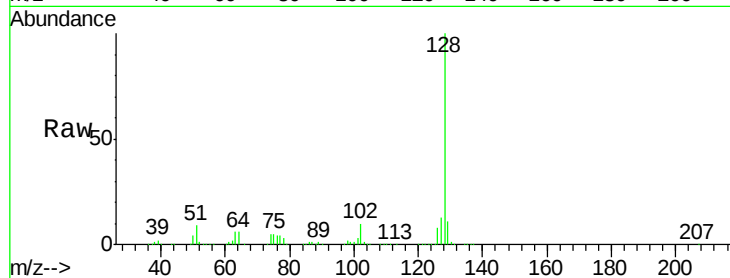
Tgt Ion:128 Resp: 1393370

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

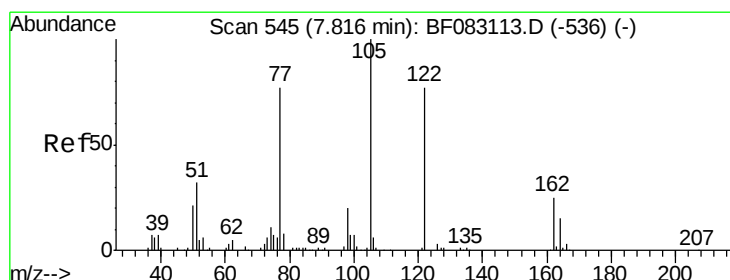
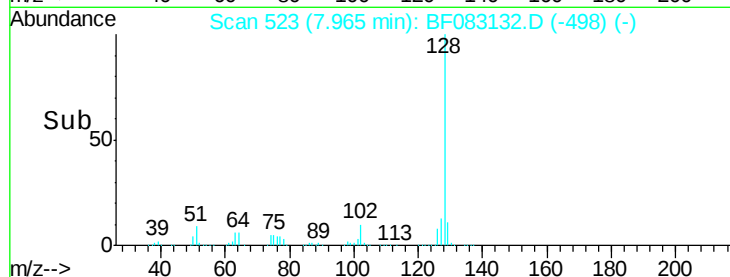
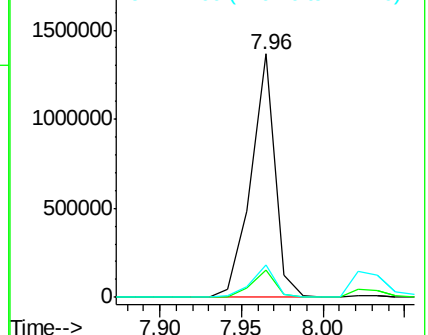
127 13.4 10.6 15.8



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: 35.21 ng

RT: 7.78 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

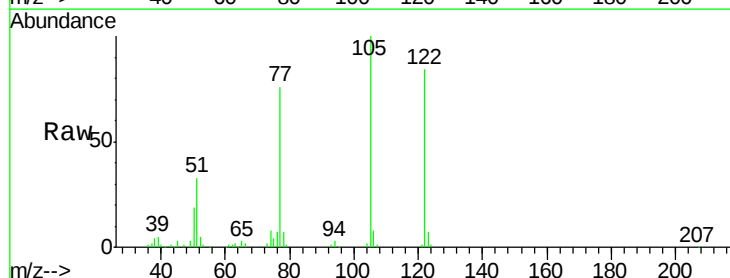
Tgt Ion:122 Resp: 331740

Ion Ratio Lower Upper

122 100

105 119.1 109.7 149.7

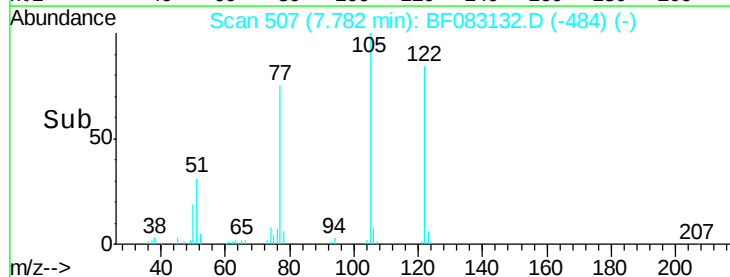
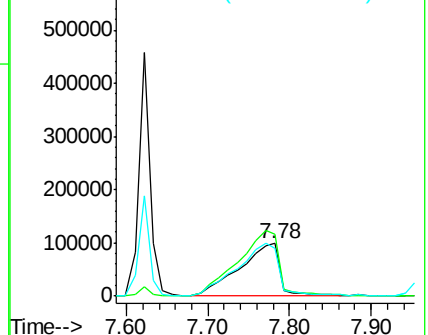
77 90.3 79.7 119.7

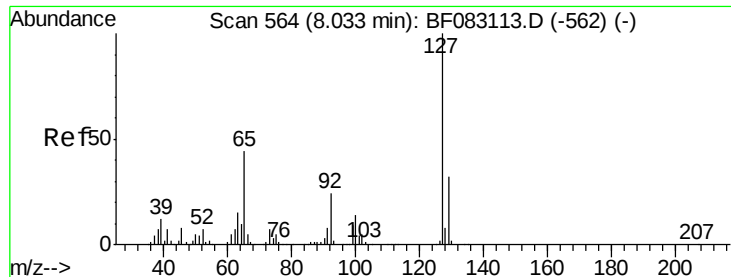


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

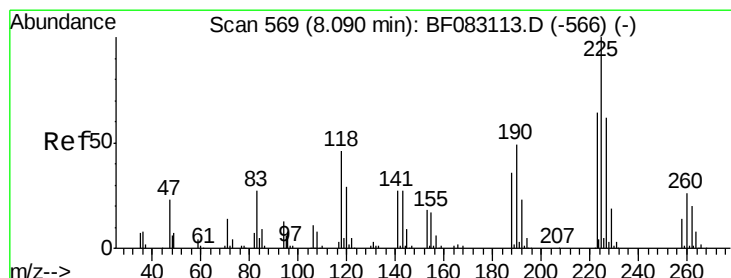
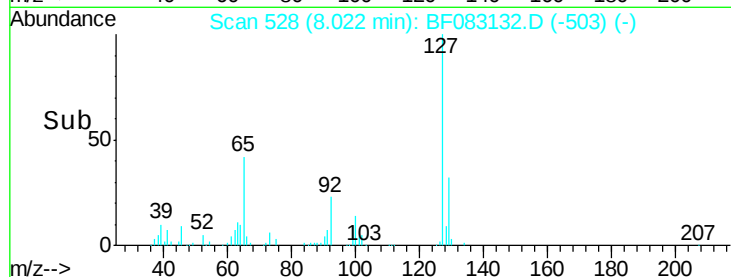
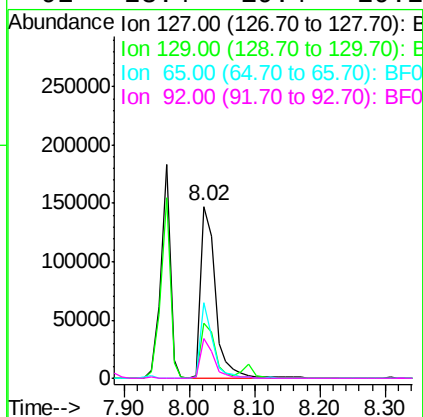
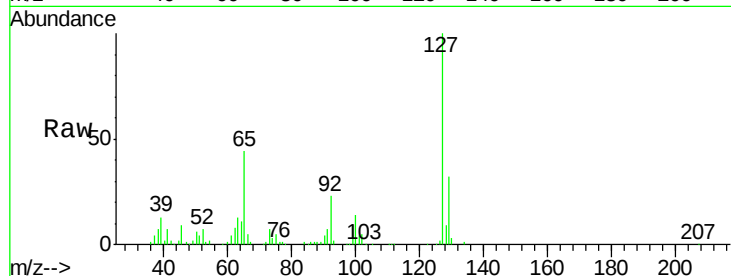




#33
4-Chloroaniline
Concen: 15.17 ng
RT: 8.02 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

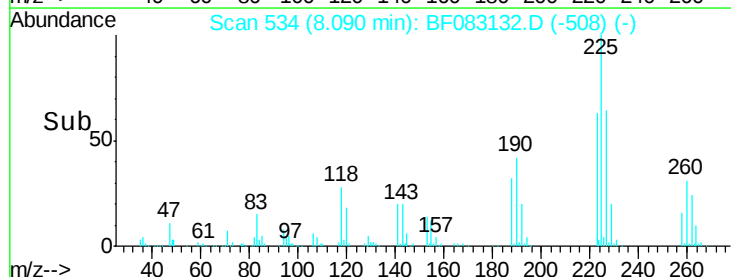
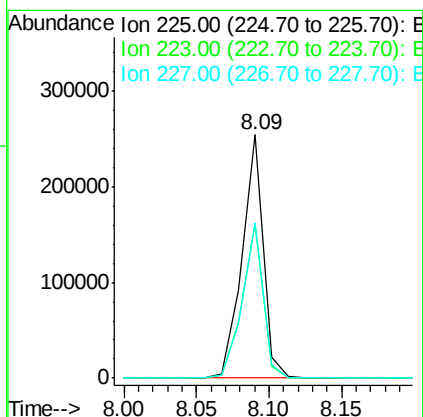
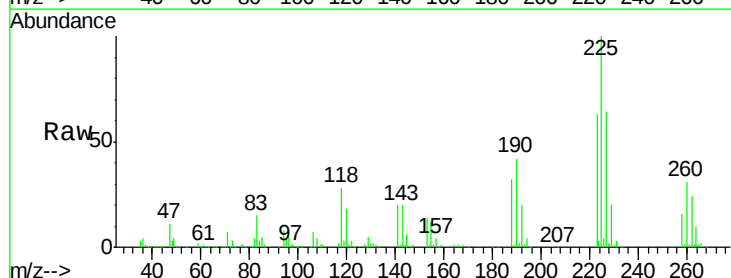
Instrument :
BNA_F
ClientSampleId :
PB86744BSD

Tgt Ion:	127	Resp:	233786
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	44.2	35.5	53.3
92	23.4	19.4	29.2



#34
Hexachlorobutadiene
Concen: 34.33 ng
RT: 8.09 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Tgt Ion:	225	Resp:	256912
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.3	76.9
227	63.8	49.8	74.8





#35

Caprolactam

Concen: 36.02 ng

RT: 8.42 min Scan# 563

Delta R.T. -0.07 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

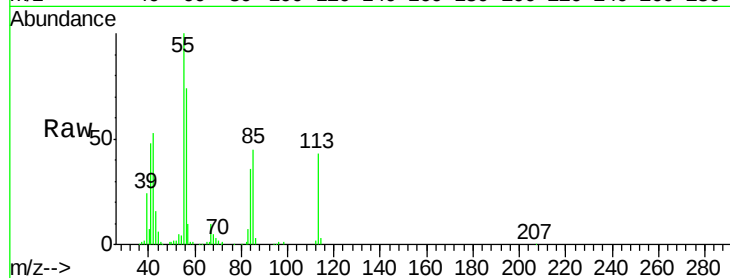
Tgt Ion:113 Resp: 133103

Ion Ratio Lower Upper

113 100

55 231.7 192.6 232.6

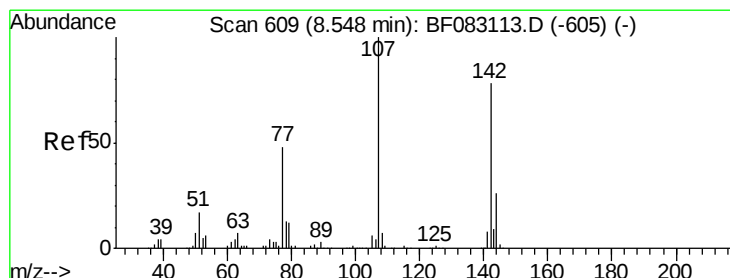
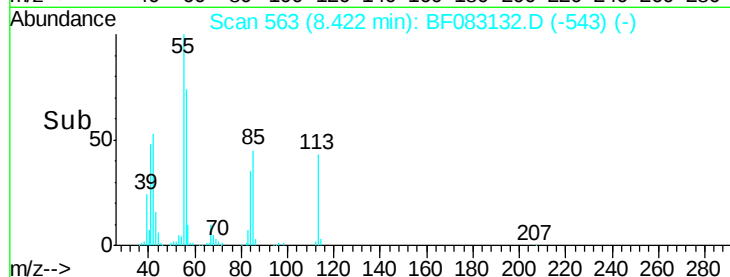
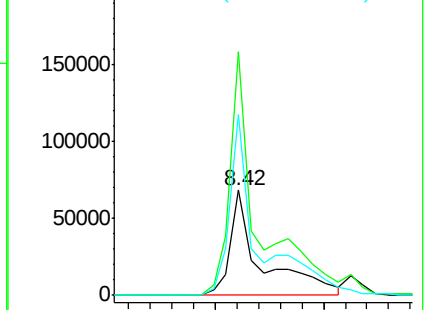
56 171.9 148.6 188.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.98 ng

RT: 8.52 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

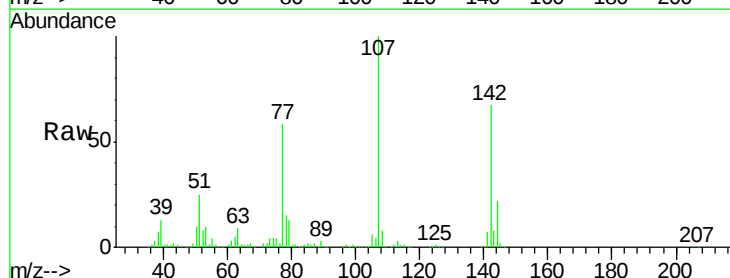
Tgt Ion:107 Resp: 467087

Ion Ratio Lower Upper

107 100

144 21.7 20.8 31.2

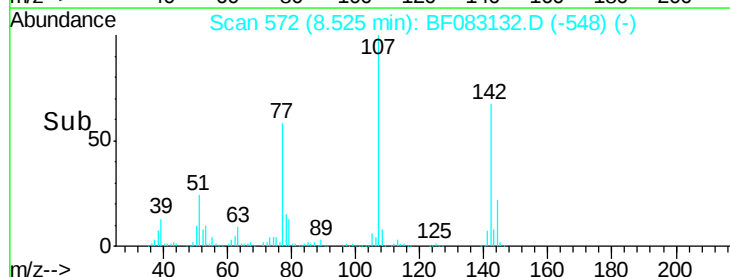
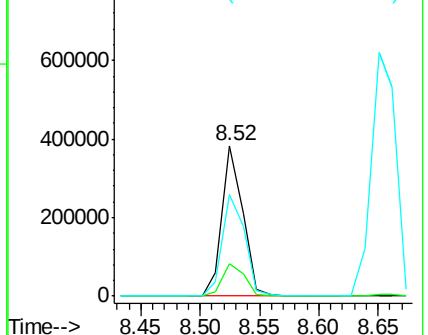
142 67.3 62.1 93.1

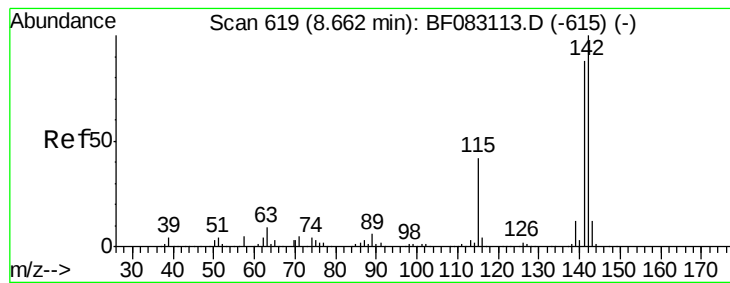


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

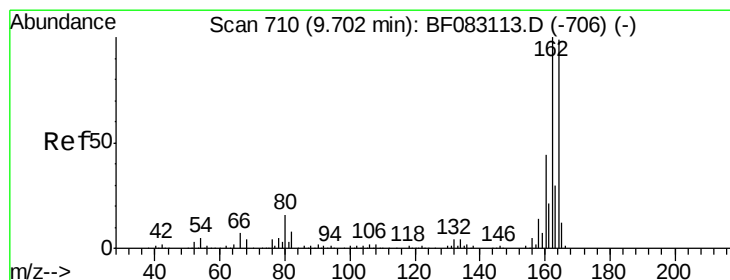
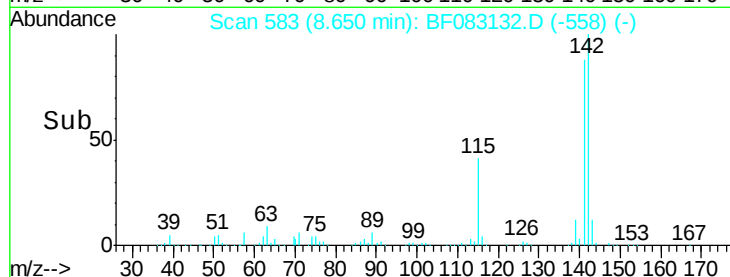
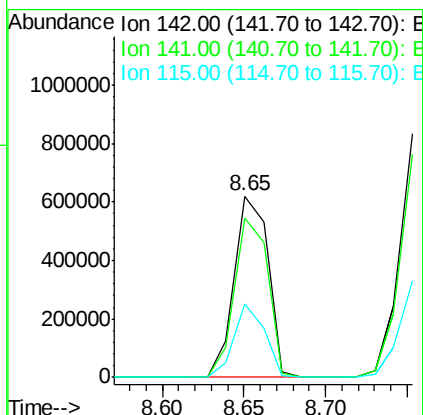
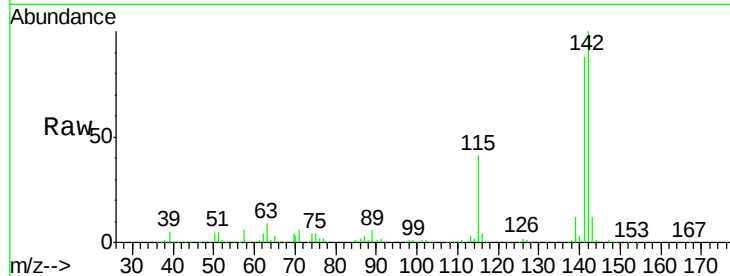




#37
 2-Methylnaphthalene
 Concen: 34.42 ng
 RT: 8.65 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

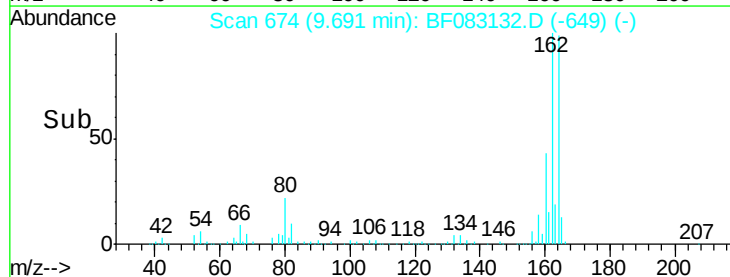
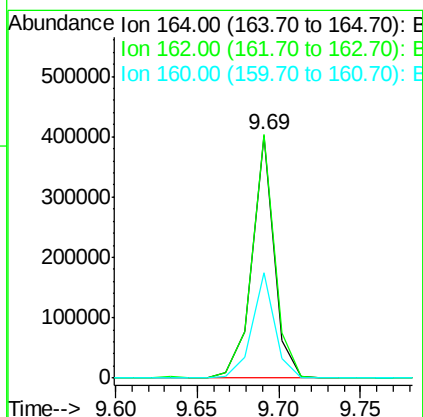
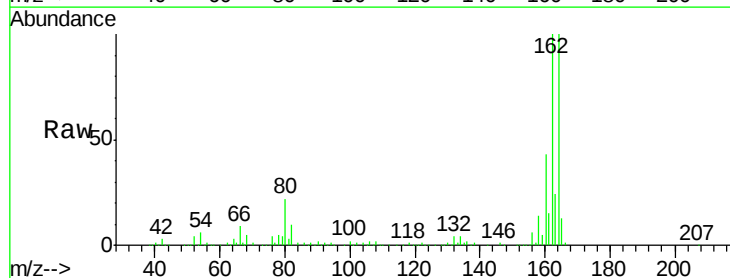
Instrument :
 BNA_F
 ClientSampleId :
 PB86744BSD

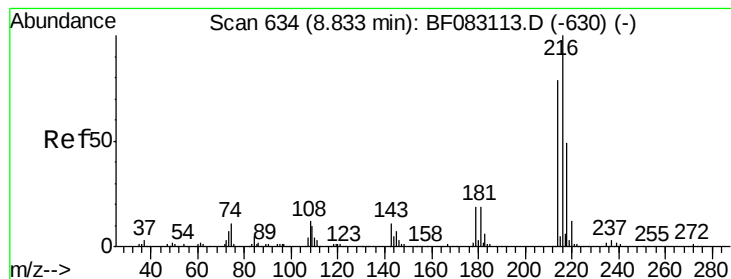
Tgt Ion:142 Resp: 887149
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.3 105.5
 115 40.8 33.4 50.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Tgt Ion:164 Resp: 378891
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.2 121.8
 160 43.6 35.6 53.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.03 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

Tgt Ion:216 Resp: 405616

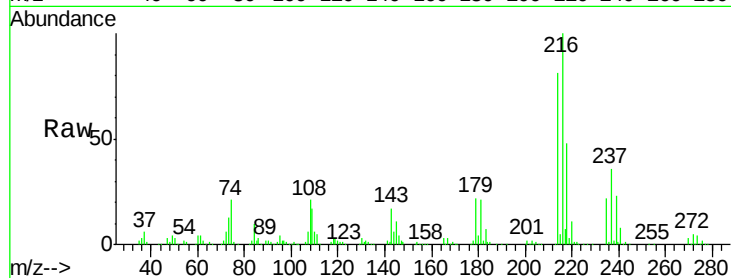
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.8

179 21.4 17.0 25.6

108 23.6 15.2 22.8#

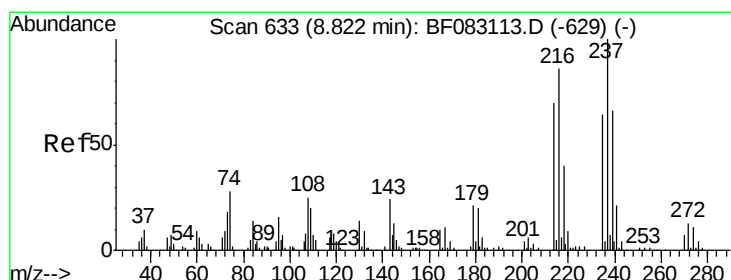
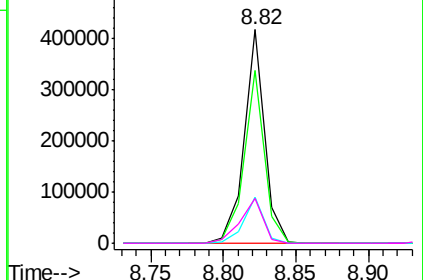
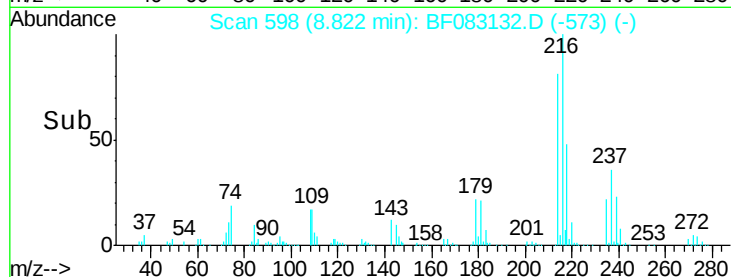


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 64.09 ng

RT: 8.81 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

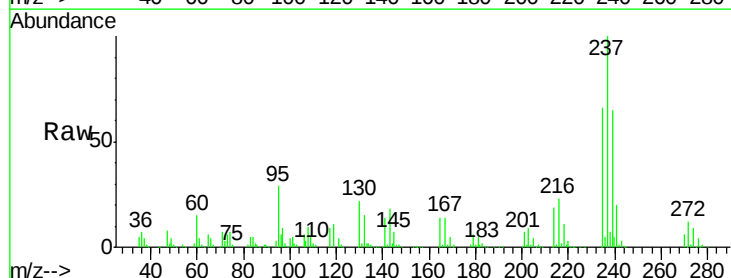
Tgt Ion:237 Resp: 447526

Ion Ratio Lower Upper

237 100

235 66.1 43.5 83.5

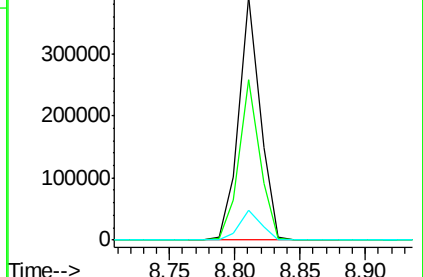
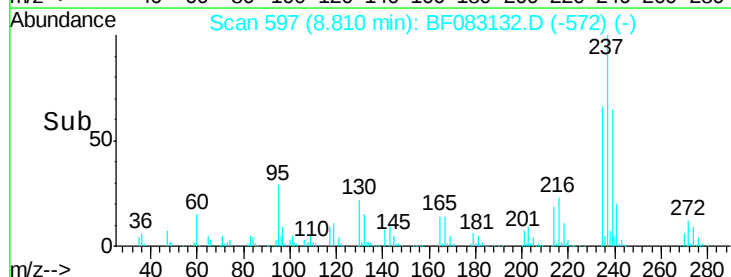
272 12.0 0.0 33.1

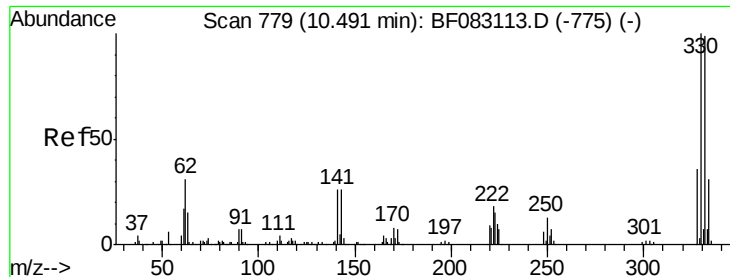


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

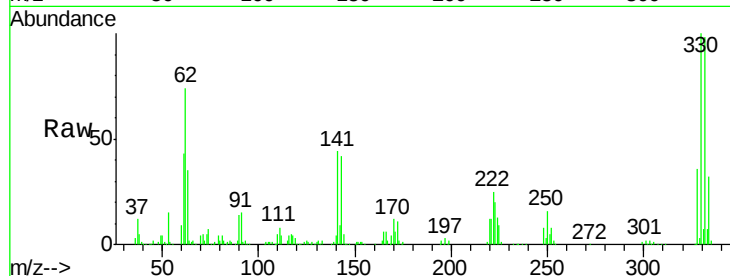




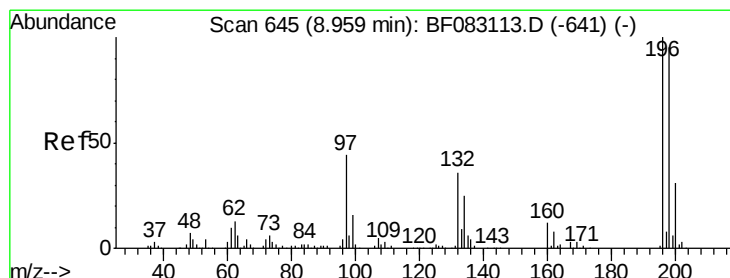
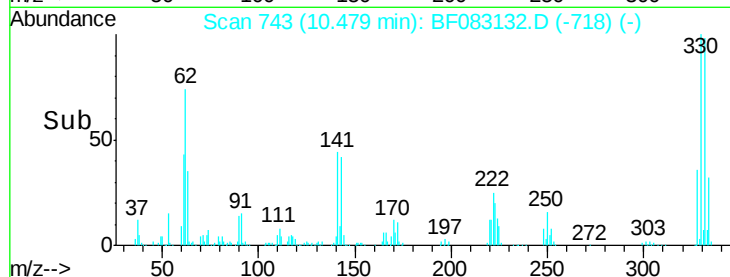
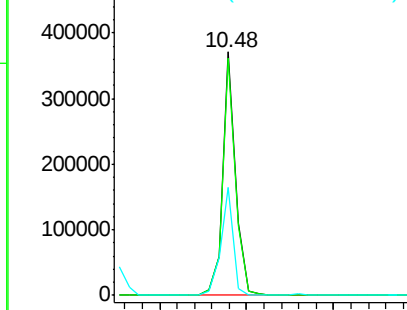
#41
 2,4,6-Tribromophenol
 Concen: 49.44 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BSD

Tgt Ion:330 Resp: 383304
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.7 116.5
 141 43.0 29.7 44.5

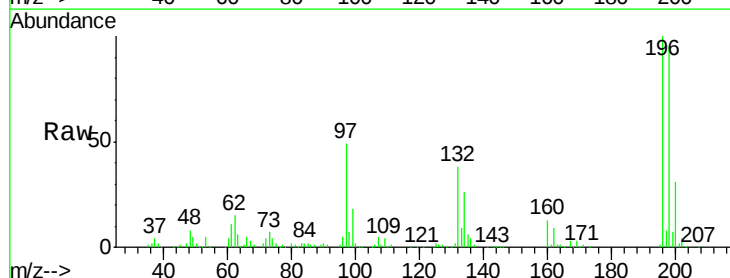


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

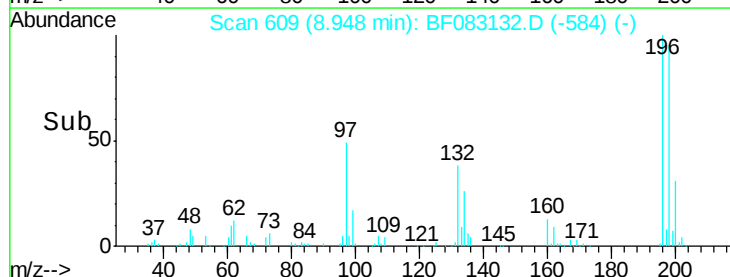
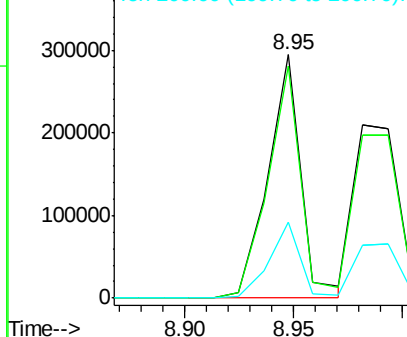


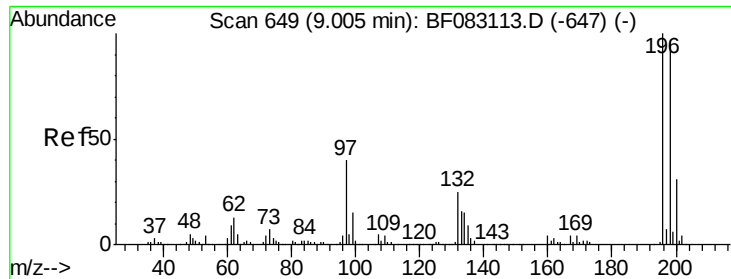
#42
 2,4,6-Trichlorophenol
 Concen: 35.42 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Tgt Ion:196 Resp: 311489
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.9 113.9
 200 31.1 24.5 36.7



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

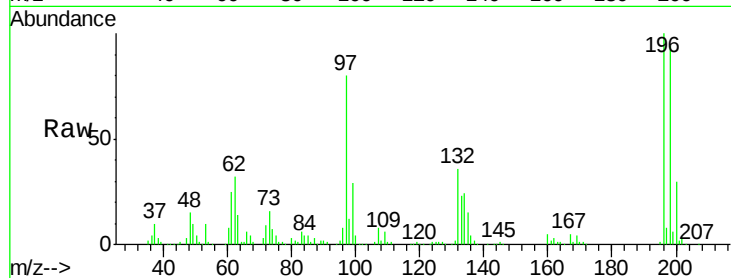




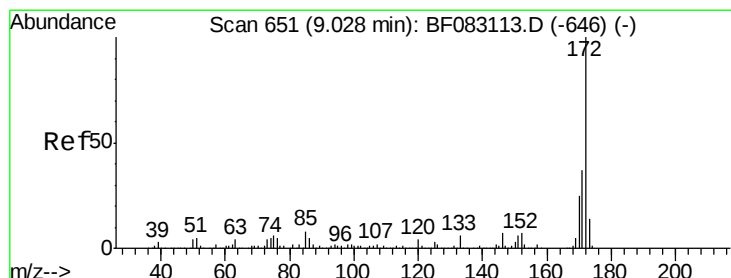
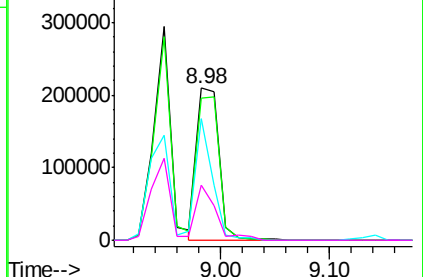
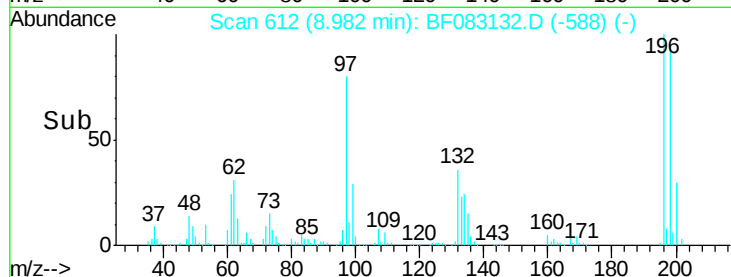
#43
 2,4,5-Trichlorophenol
 Concen: 33.73 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BSD

Tgt Ion:196 Resp: 303298
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.6 116.4
 97 80.1 32.6 48.8#
 132 36.2 19.8 29.8#

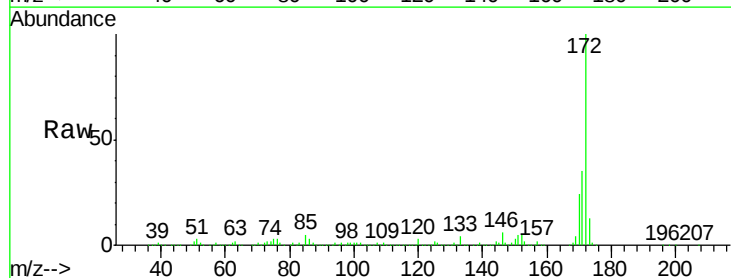


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

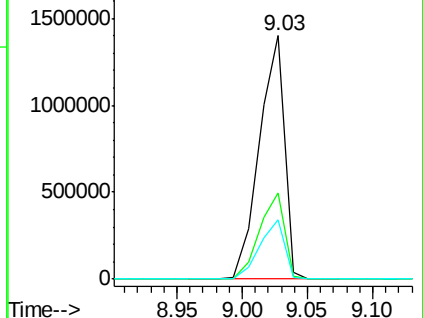
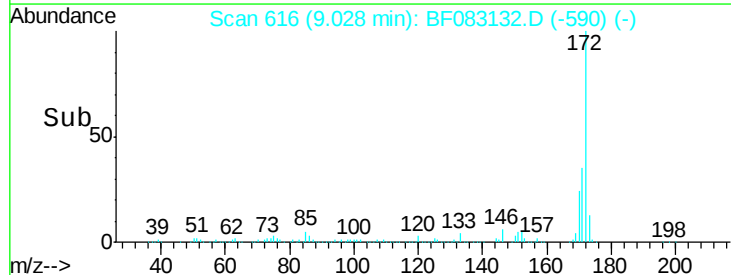


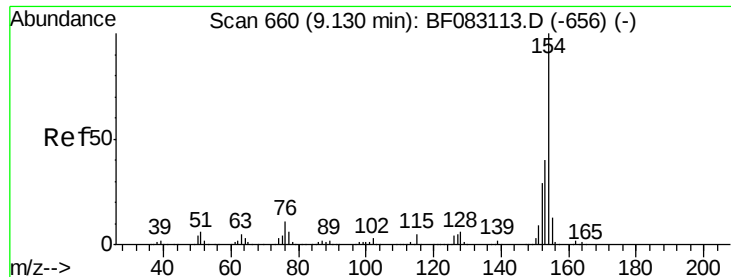
#44
 2-Fluorobiphenyl
 Concen: 34.80 ng
 RT: 9.03 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Tgt Ion:172 Resp: 1891043
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.5 44.3
 170 24.1 19.9 29.9



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





#45

1,1'-Biphenyl

Concen: 33.20 ng

RT: 9.12 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

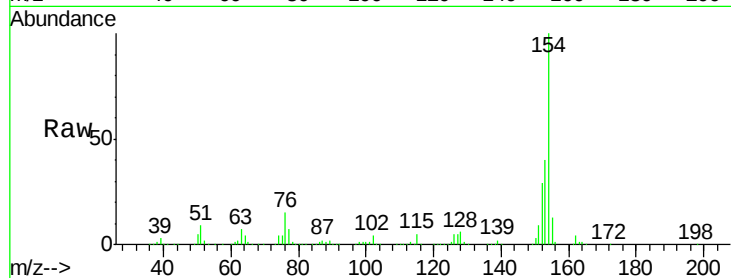
Tgt Ion:154 Resp: 1070719

Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

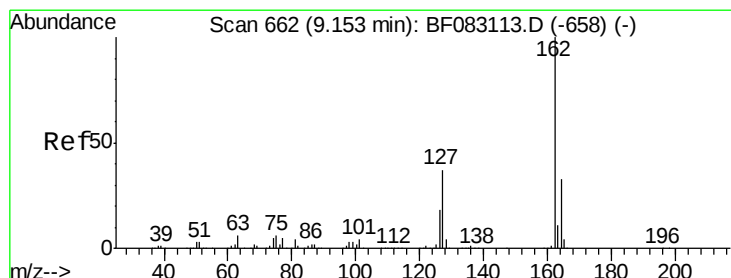
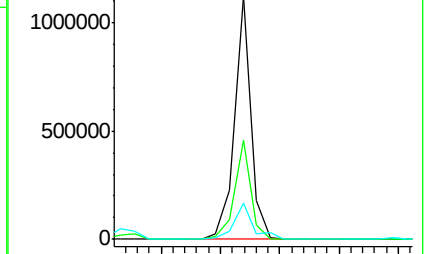
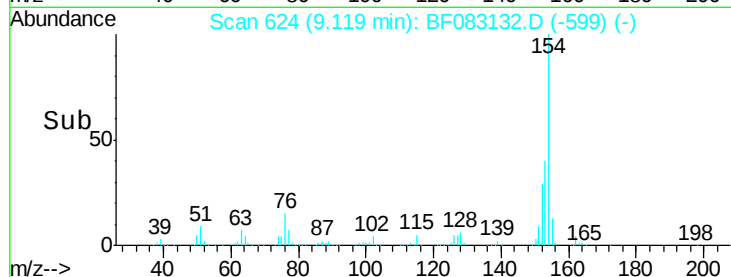
76 14.7 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.36 ng

RT: 9.14 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

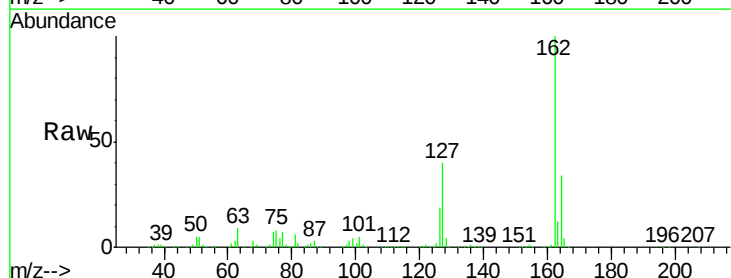
Tgt Ion:162 Resp: 895750

Ion Ratio Lower Upper

162 100

127 40.4 29.4 44.2

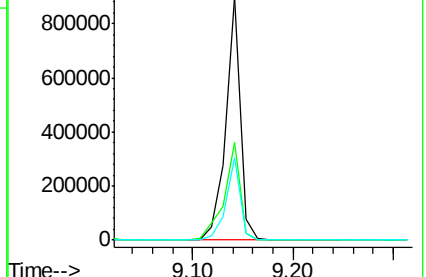
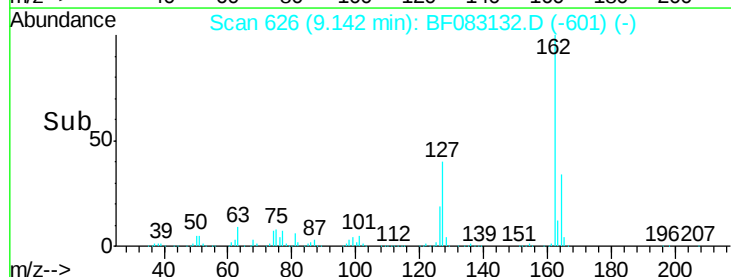
164 33.9 26.2 39.4

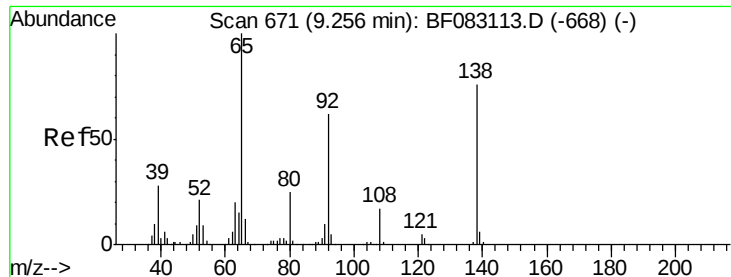


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

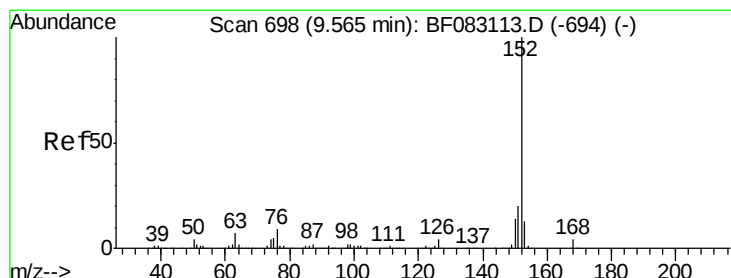
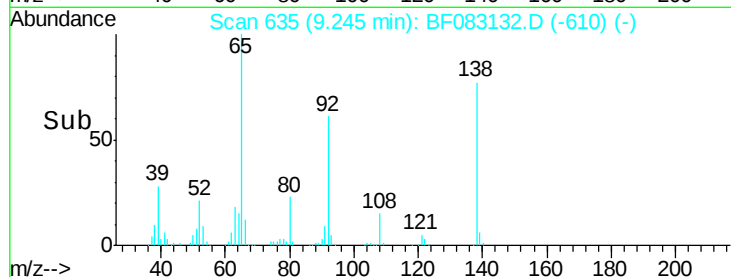
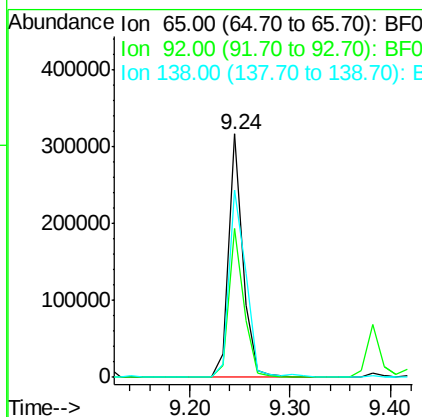
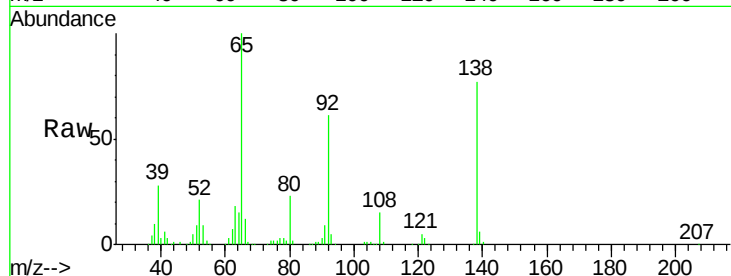




#47
2-Nitroaniline
Concen: 35.01 ng
RT: 9.24 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

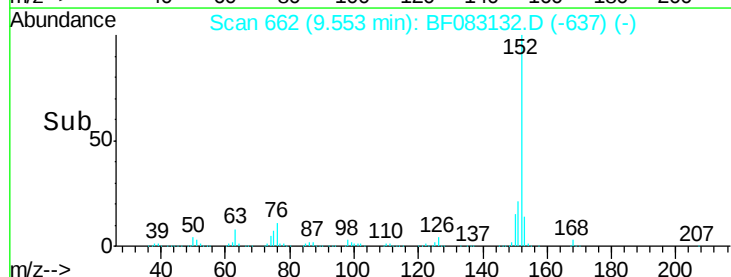
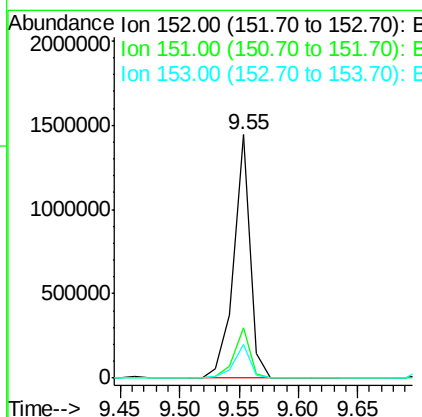
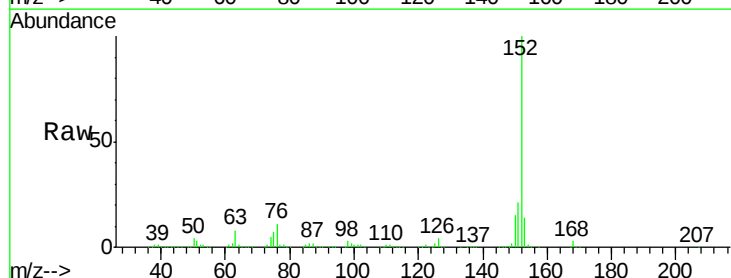
Instrument :
BNA_F
ClientSampleId :
PB86744BSD

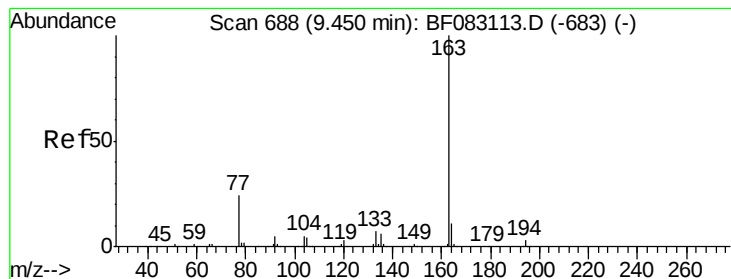
Tgt Ion: 65 Resp: 313707
Ion Ratio Lower Upper
65 100
92 61.1 49.5 74.3
138 77.1 60.7 91.1



#48
Acenaphthylene
Concen: 35.49 ng
RT: 9.55 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Tgt Ion: 152 Resp: 1393196
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.8 10.8 16.2





#49

Dimethylphthalate

Concen: 37.09 ng

RT: 9.44 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

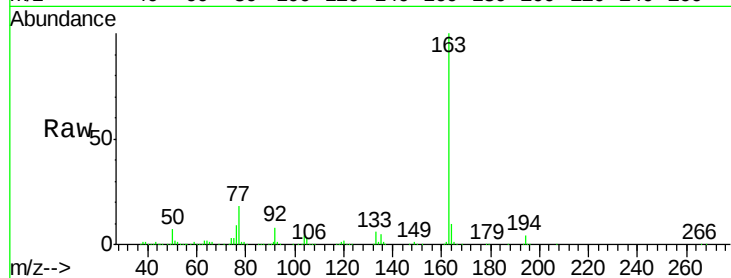
Tgt Ion:163 Resp: 1081891

Ion Ratio Lower Upper

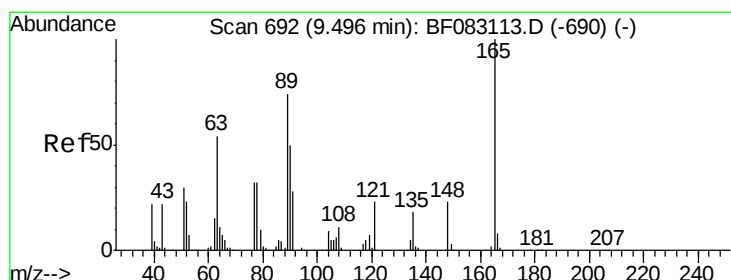
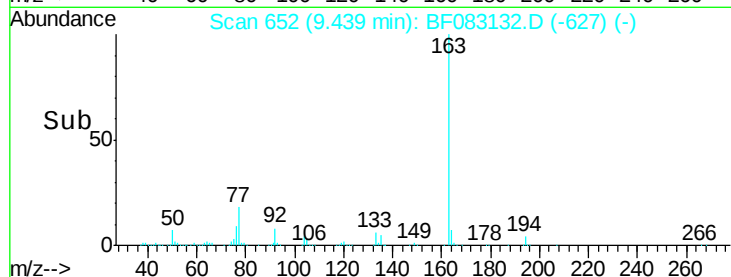
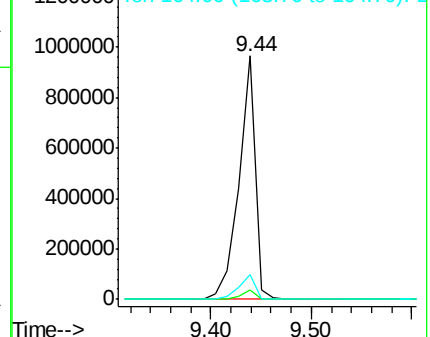
163 100

194 3.8 2.6 4.0

164 10.0 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: 35.29 ng

RT: 9.48 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

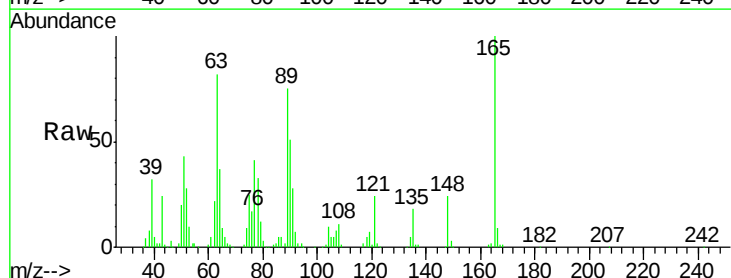
Tgt Ion:165 Resp: 231005

Ion Ratio Lower Upper

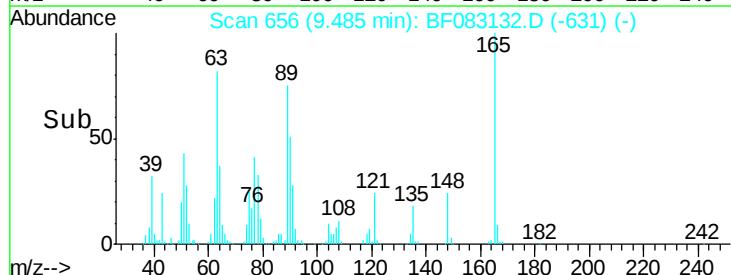
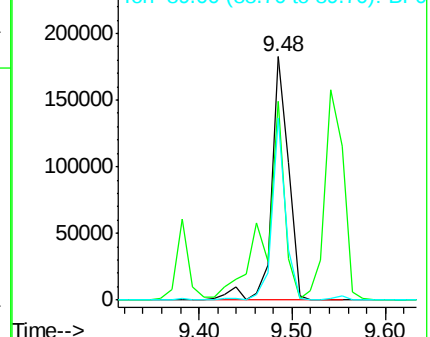
165 100

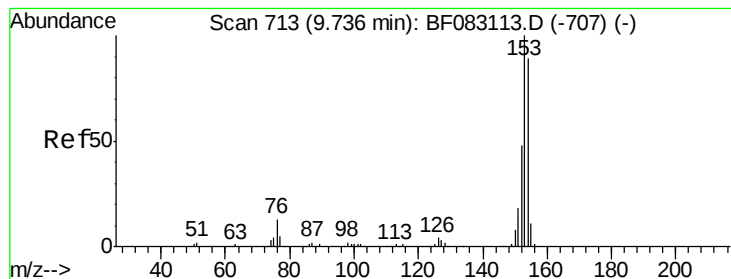
63 81.6 62.5 93.7

89 74.7 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: 35.21 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

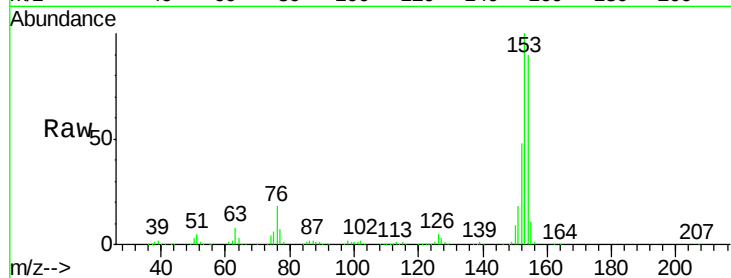
Tgt Ion:154 Resp: 841066

Ion Ratio Lower Upper

154 100

153 111.6 89.6 134.4

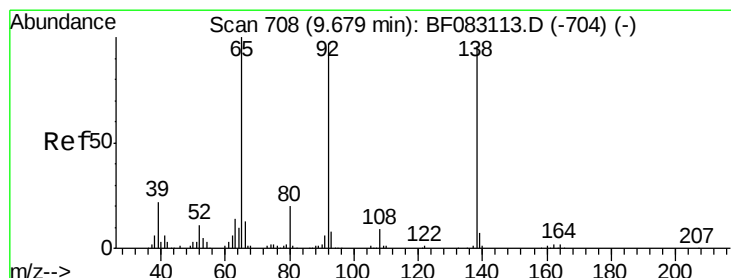
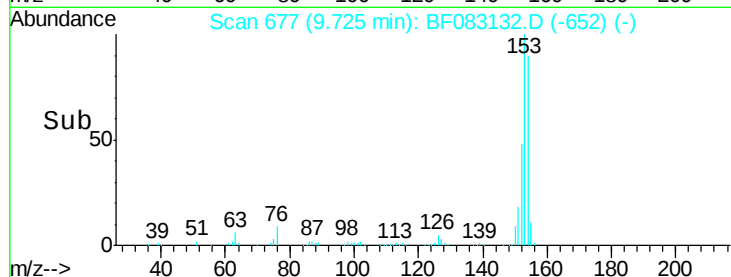
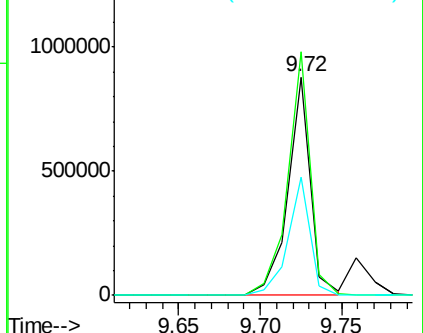
152 54.0 43.3 64.9



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: 18.38 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

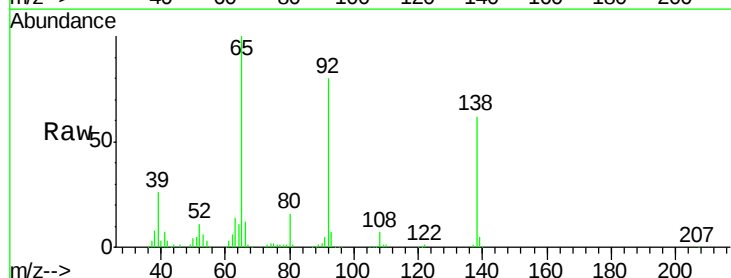
Tgt Ion:138 Resp: 128273

Ion Ratio Lower Upper

138 100

108 11.0 7.8 11.6

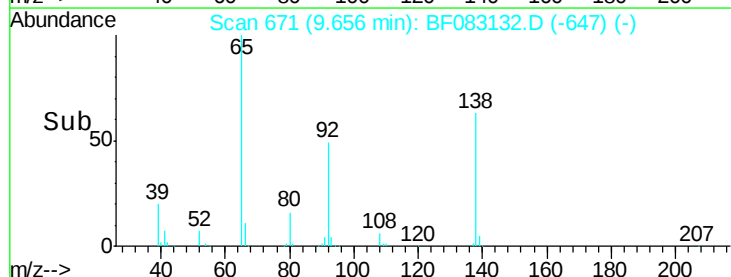
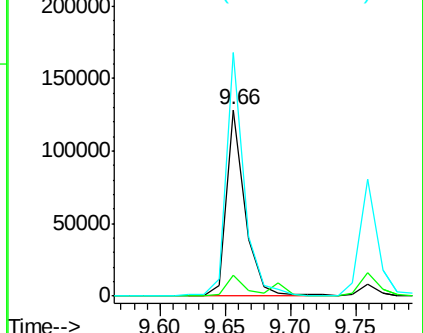
92 130.6 81.1 121.7#

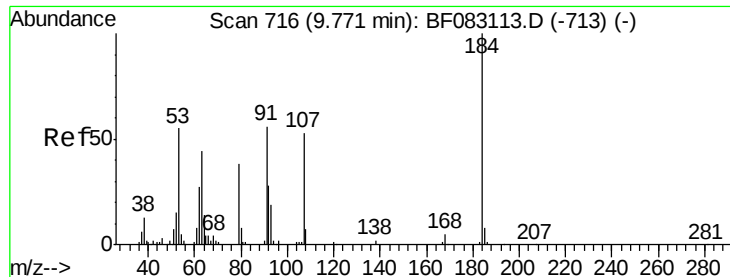


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

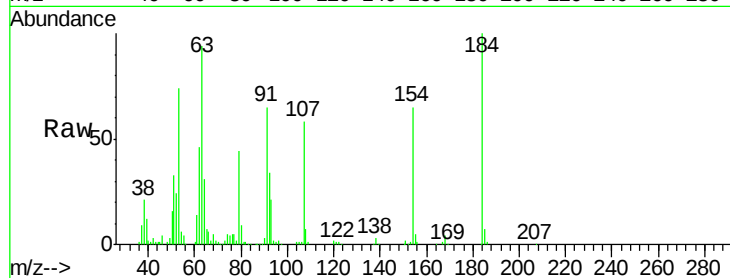




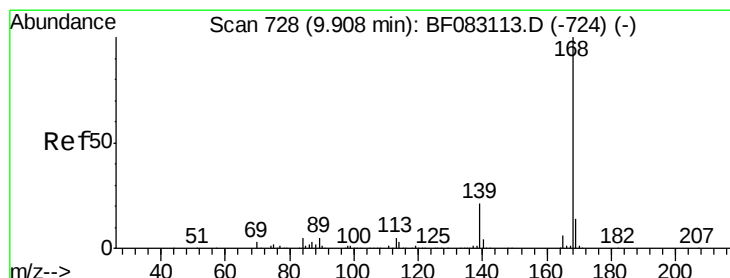
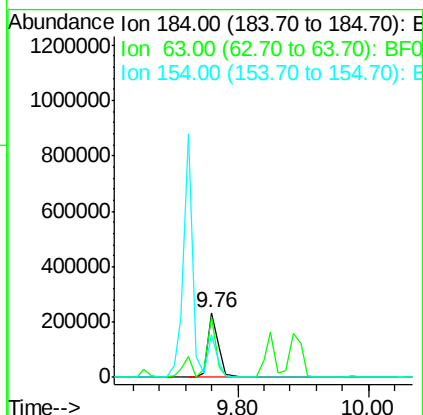
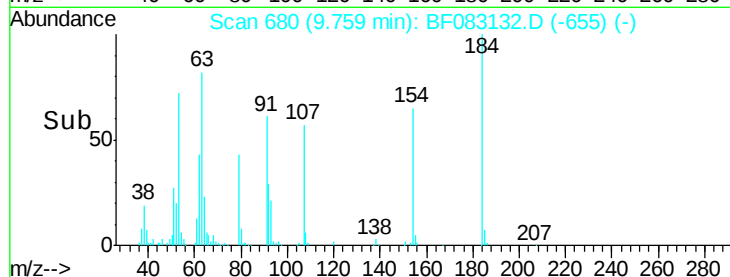
#53
2,4-Dinitrophenol
Concen: 69.82 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Instrument :
BNA_F
ClientSampleId :
PB86744BSD

Tgt Ion:184 Resp: 263278
Ion Ratio Lower Upper
184 100
63 94.2 60.5 90.7#
154 65.5 54.3 81.5

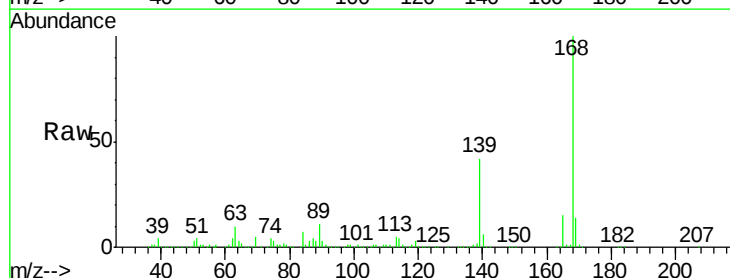


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

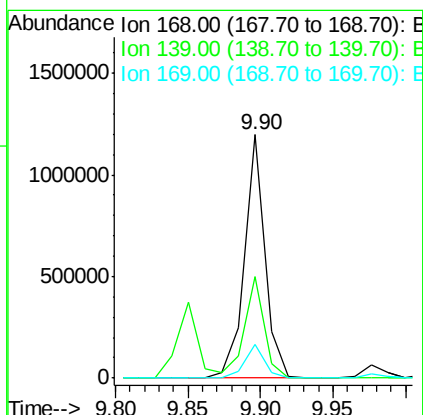
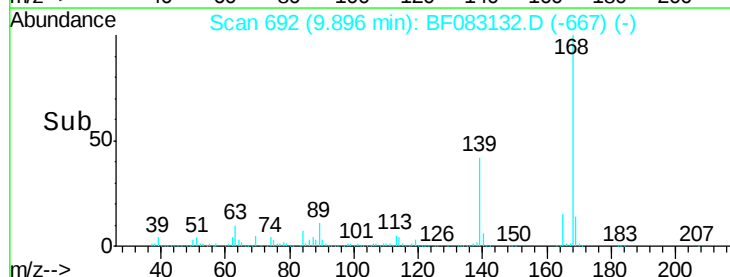


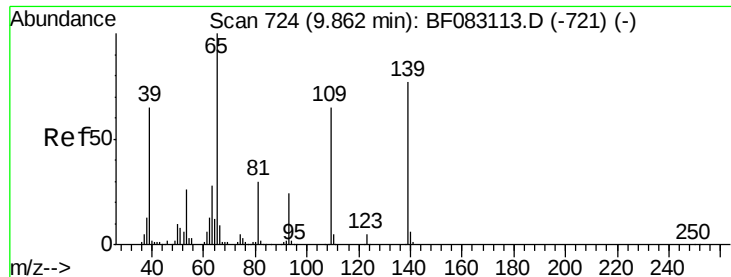
#54
Dibenzofuran
Concen: 34.76 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Tgt Ion:168 Resp: 1174236
Ion Ratio Lower Upper
168 100
139 41.6 30.2 45.2
169 13.9 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

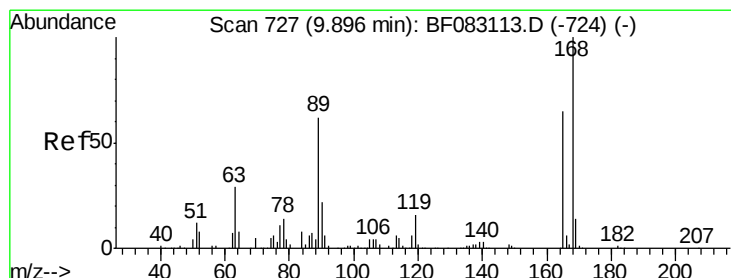
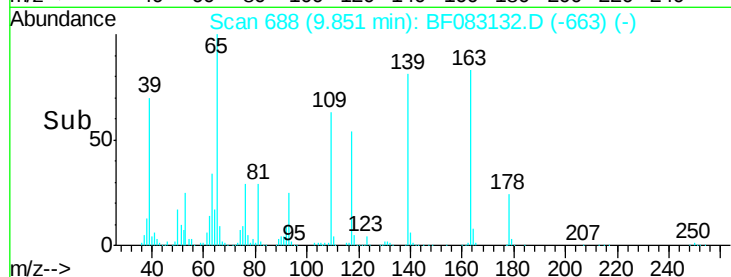
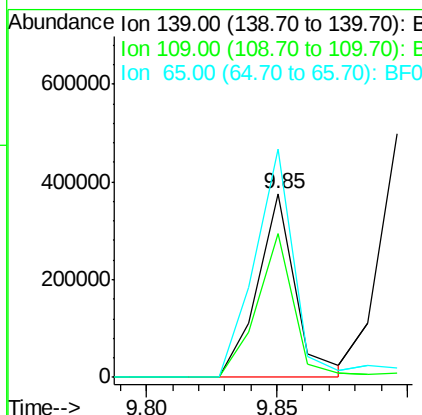
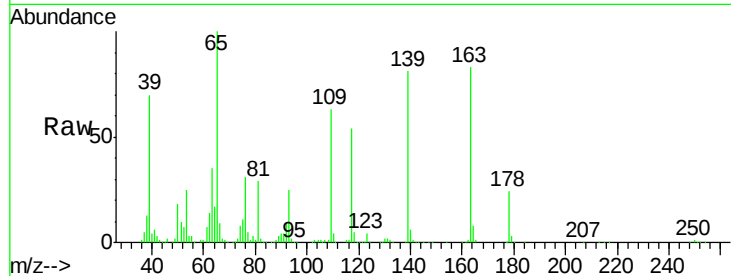




#55
4-Nitrophenol
Concen: 71.52 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

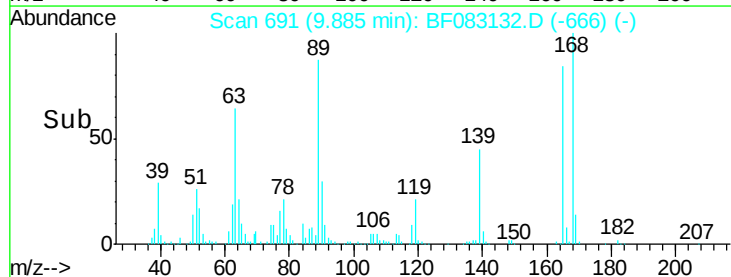
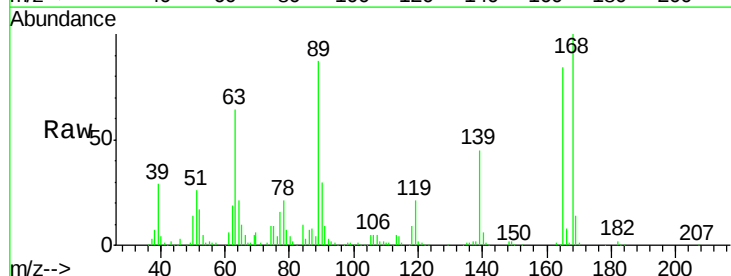
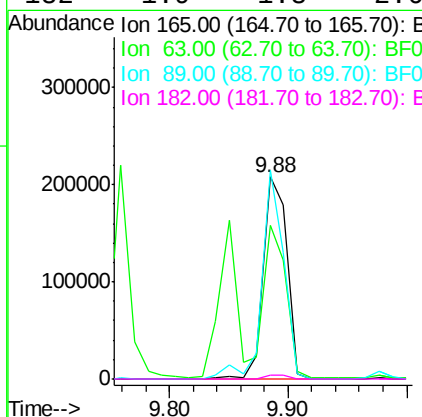
Instrument :
BNA_F
ClientSampleId :
PB86744BSD

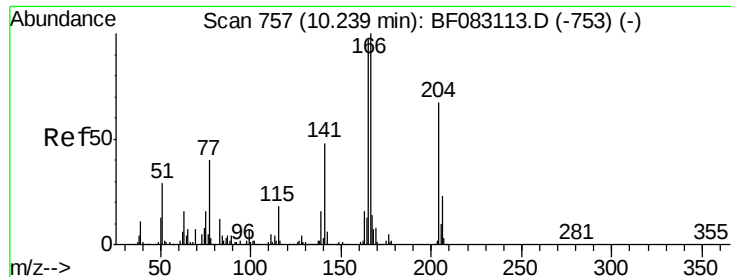
Tgt Ion:139 Resp: 382720
Ion Ratio Lower Upper
139 100
109 78.1 64.0 104.0
65 123.9 109.5 149.5



#56
2,4-Dinitrotoluene
Concen: 34.98 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Tgt Ion:165 Resp: 290075
Ion Ratio Lower Upper
165 100
63 76.3 54.5 81.7
89 103.7 77.3 115.9
182 1.9 1.8 2.6

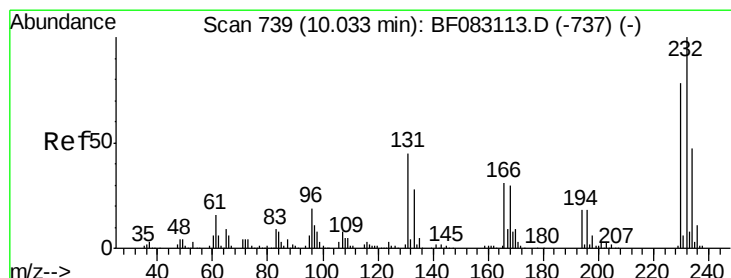
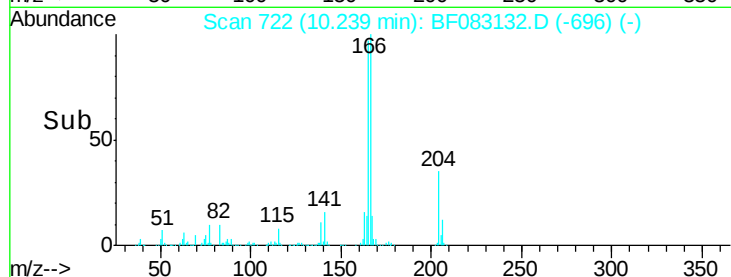
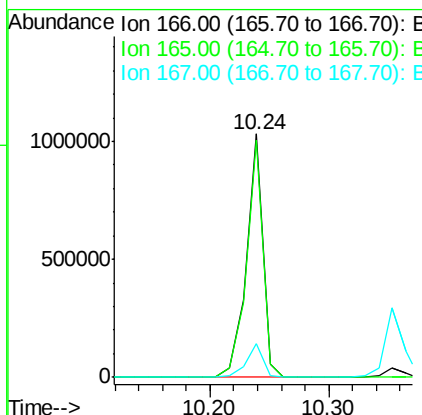
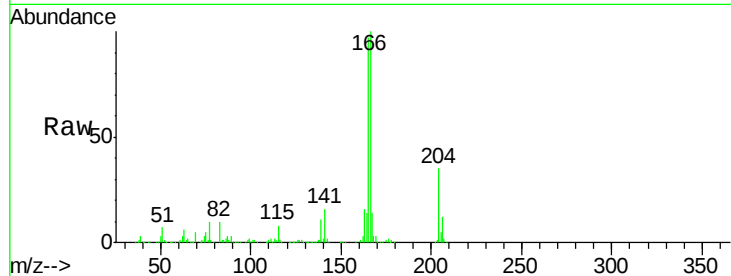




#57
 Fluorene
 Concen: 35.92 ng
 RT: 10.24 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

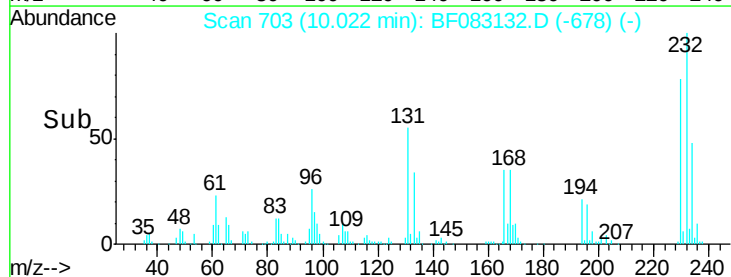
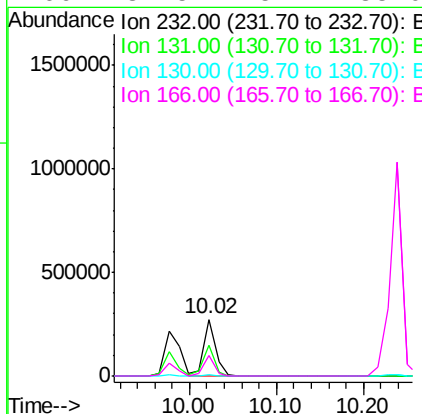
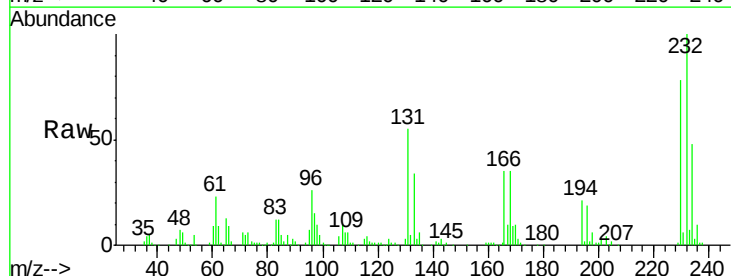
Instrument :
 BNA_F
 ClientSampleId :
 PB86744BSD

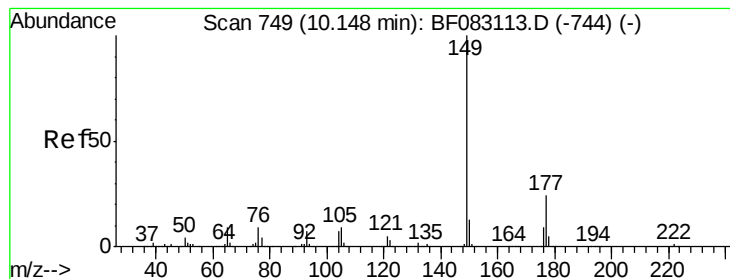
Tgt Ion:166 Resp: 1002691
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.0 117.0
 167 13.7 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.82 ng
 RT: 10.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Tgt Ion:232 Resp: 264210
 Ion Ratio Lower Upper
 232 100
 131 50.8 38.6 57.8
 130 2.4 1.9 2.9
 166 32.5 25.4 38.0





#59

Diethylphthalate

Concen: 35.37 ng

RT: 10.14 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampled :

PB86744BSD

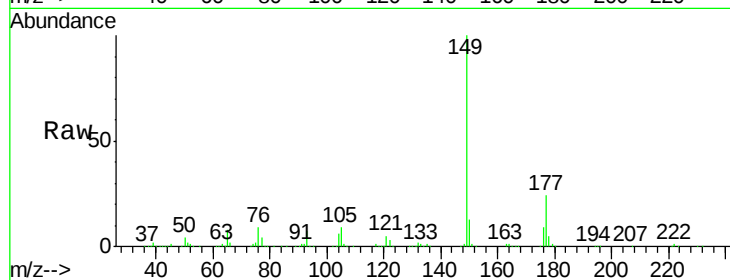
Tgt Ion:149 Resp: 1026946

Ion Ratio Lower Upper

149 100

177 24.4 19.4 29.2

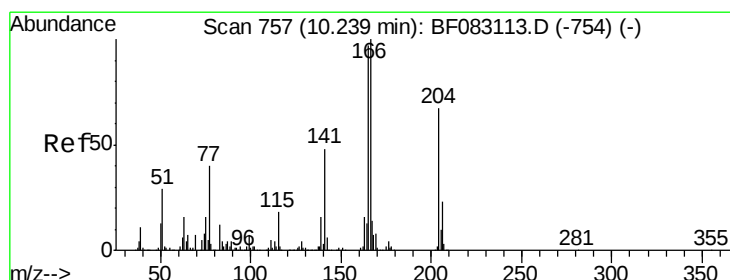
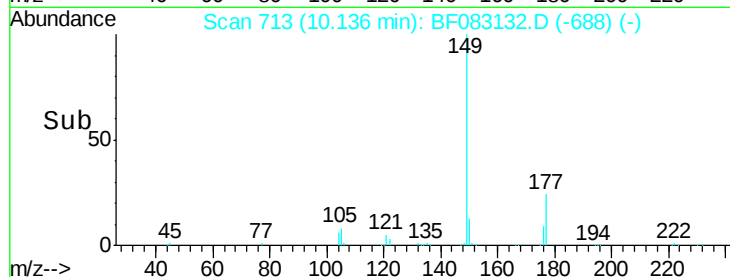
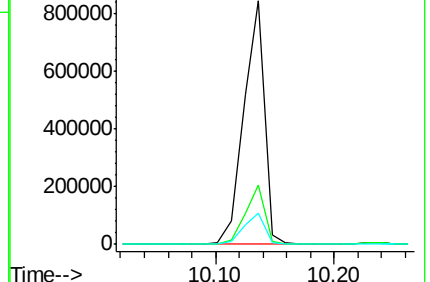
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.14 ng

RT: 10.24 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

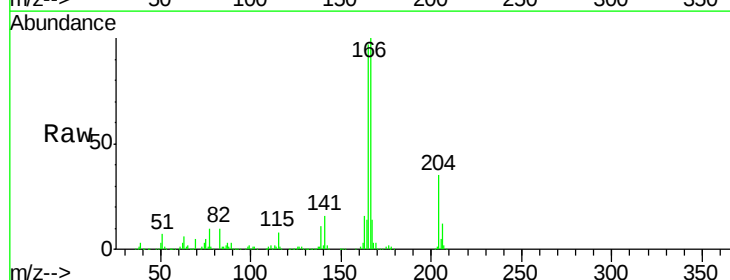
Tgt Ion:204 Resp: 449242

Ion Ratio Lower Upper

204 100

206 35.7 27.4 41.0

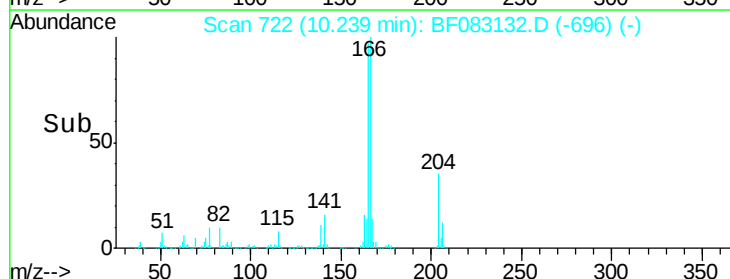
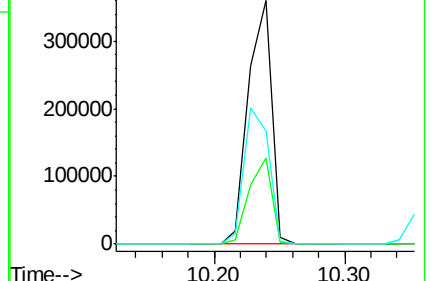
141 46.7 57.4 86.2#

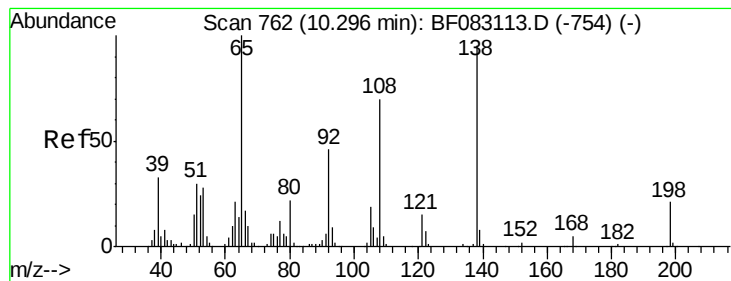


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.07 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

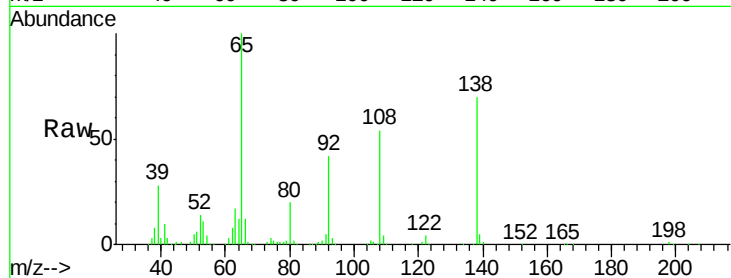
Tgt Ion:138 Resp: 220303

Ion Ratio Lower Upper

138 100

92 59.7 28.4 68.4

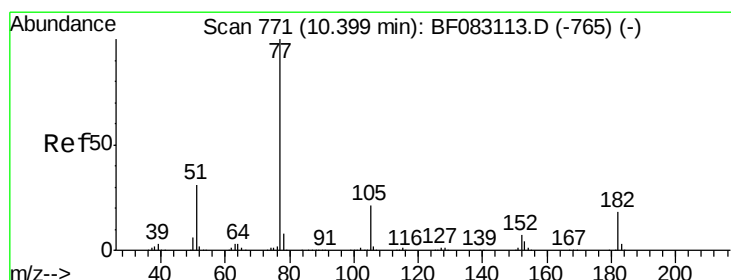
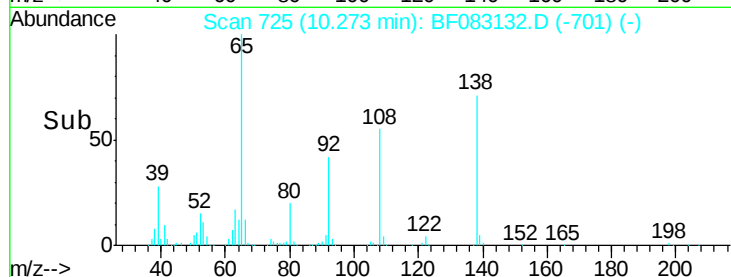
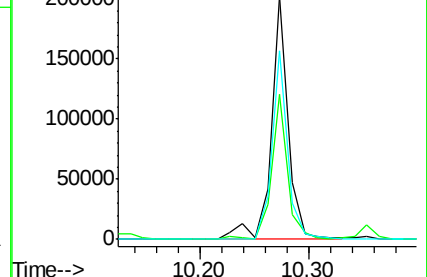
108 77.4 53.5 93.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.05 ng

RT: 10.39 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Tgt Ion: 77 Resp: 1227878

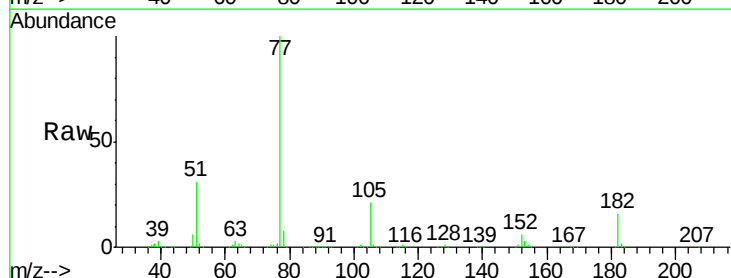
Ion Ratio Lower Upper

77 100

182 15.6 0.0 38.3

105 20.9 1.2 41.2

51 31.0 11.1 51.1

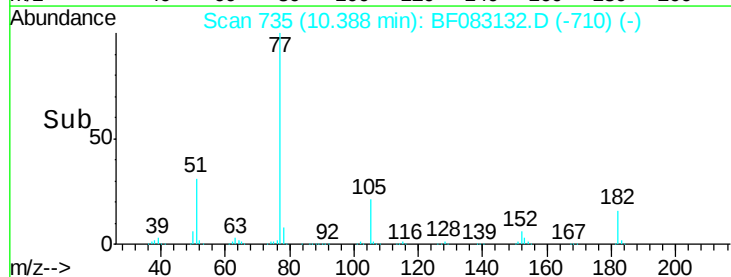
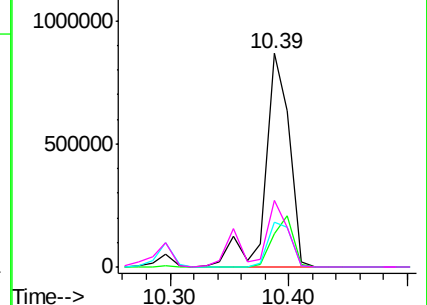


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

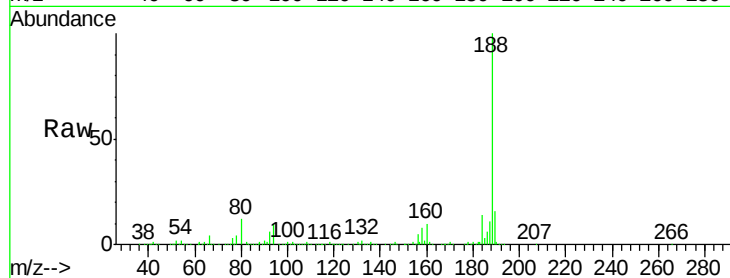




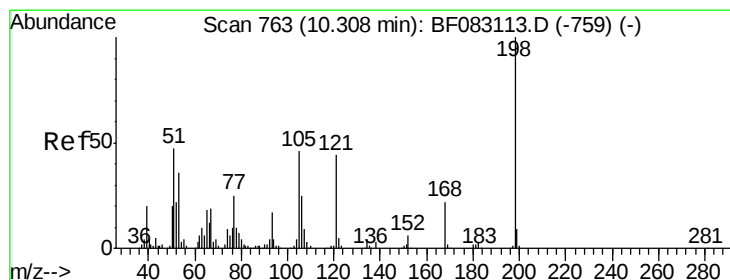
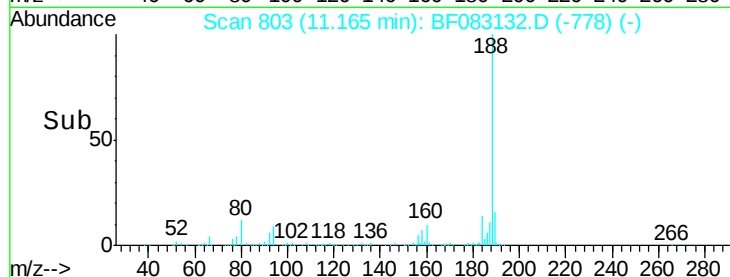
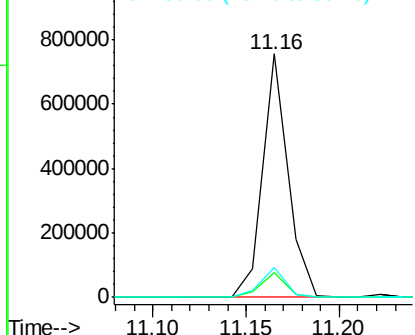
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Instrument :
BNA_F
ClientSampleId :
PB86744BSD

Tgt Ion:188 Resp: 709225
Ion Ratio Lower Upper
188 100
94 9.9 6.0 9.0#
80 12.3 6.7 10.1#

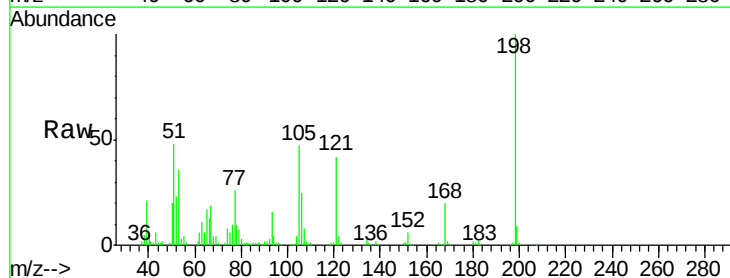


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

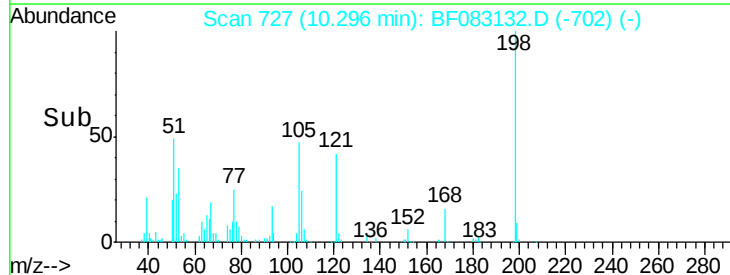
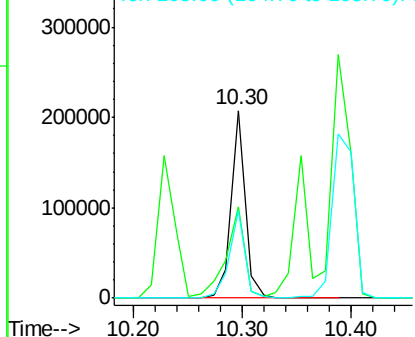


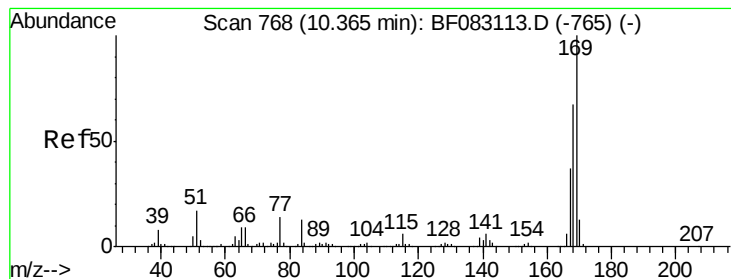
#64
4,6-Dinitro-2-methylphenol
Concen: 38.14 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Tgt Ion:198 Resp: 186388
Ion Ratio Lower Upper
198 100
51 48.5 27.0 67.0
105 46.7 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: 34.45 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

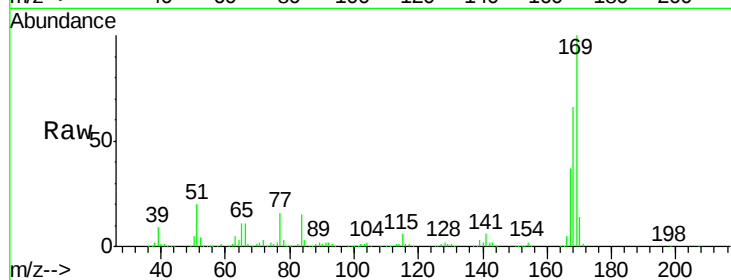
Tgt Ion:169 Resp: 831106

Ion Ratio Lower Upper

169 100

168 66.0 53.8 80.6

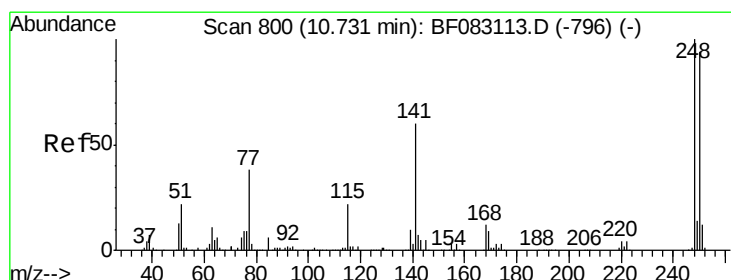
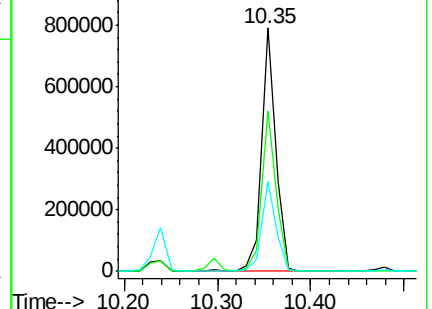
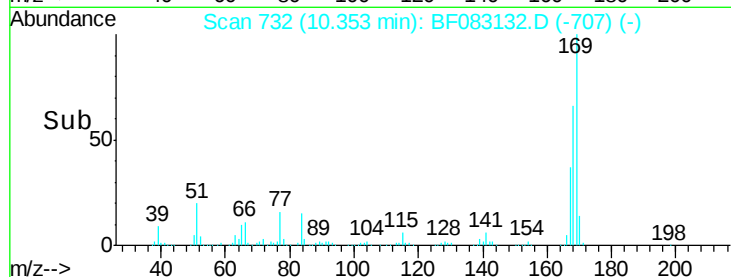
167 37.1 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.31 ng

RT: 10.72 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

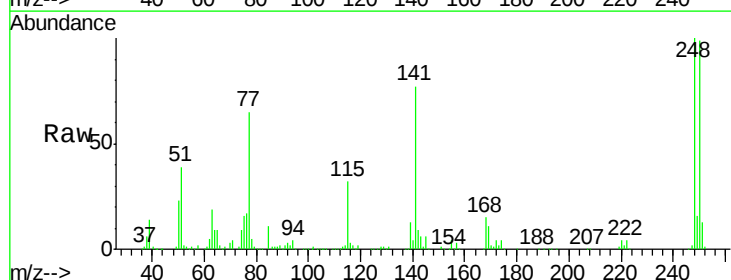
Tgt Ion:248 Resp: 285749

Ion Ratio Lower Upper

248 100

250 99.3 75.4 113.2

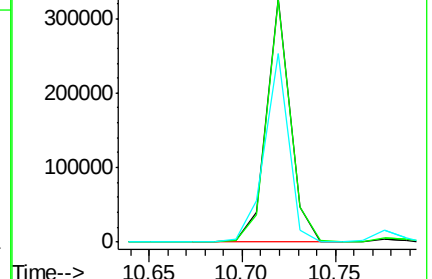
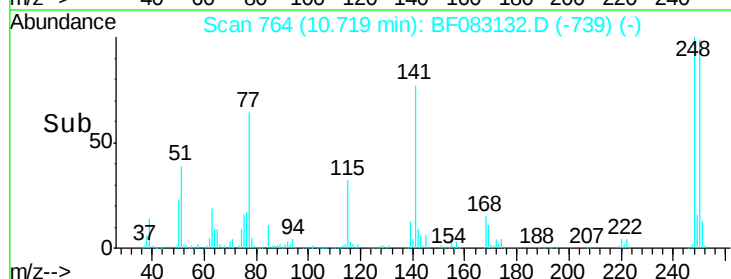
141 77.2 48.1 72.1#

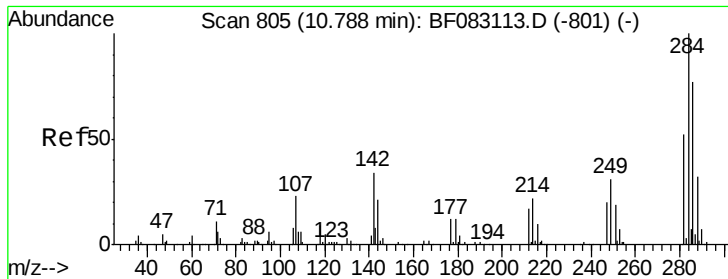


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

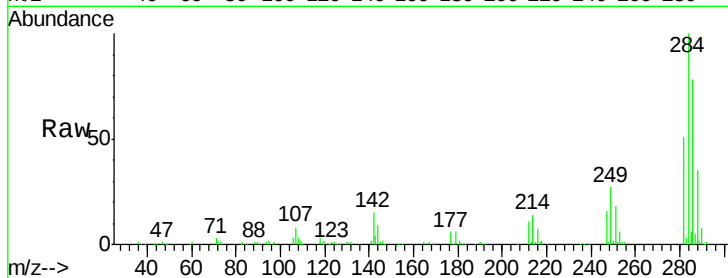




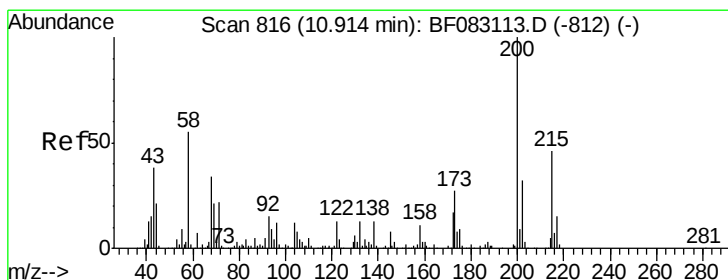
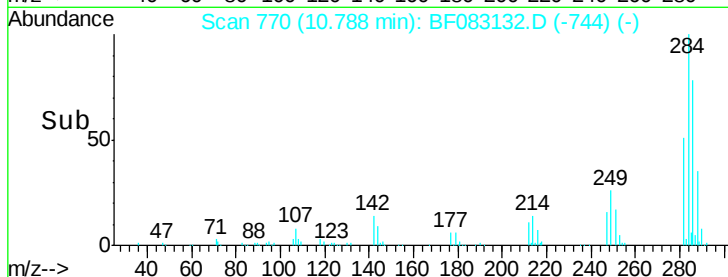
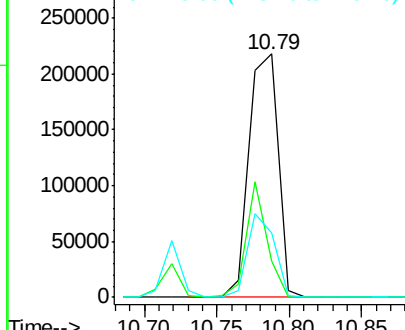
#67
Hexachlorobenzene
Concen: 35.16 ng
RT: 10.79 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Instrument :
BNA_F
ClientSampleId :
PB86744BSD

Tgt Ion:284 Resp: 304706
Ion Ratio Lower Upper
284 100
142 14.8 27.6 41.4#
249 26.6 25.5 38.3

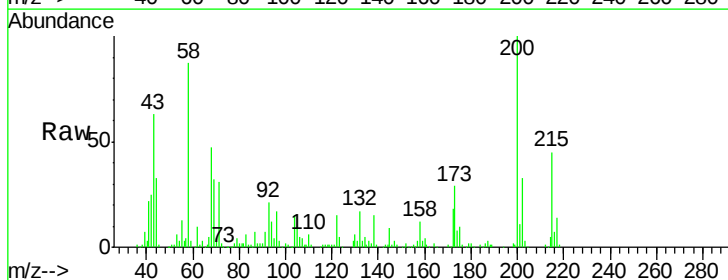


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

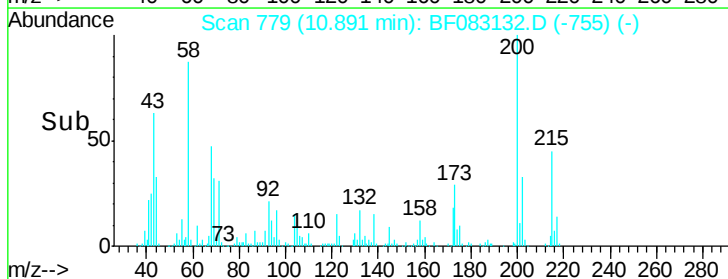
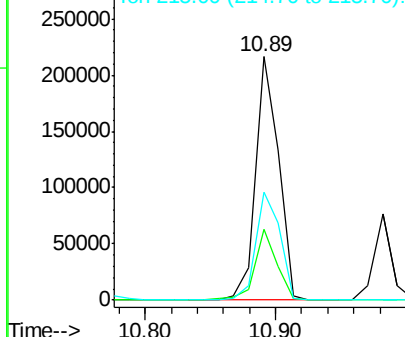


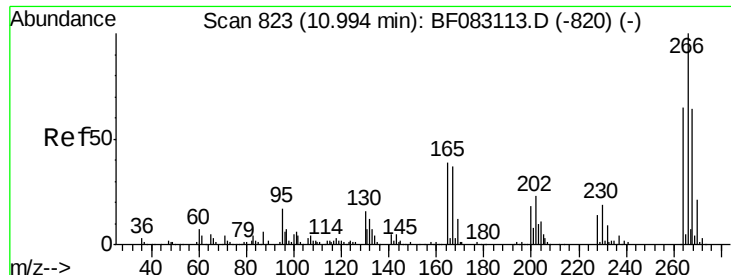
#68
Atrazine
Concen: 38.01 ng
RT: 10.89 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Tgt Ion:200 Resp: 266246
Ion Ratio Lower Upper
200 100
173 28.9 7.2 47.2
215 44.6 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

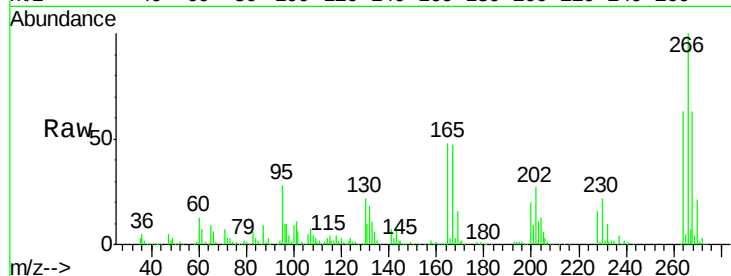




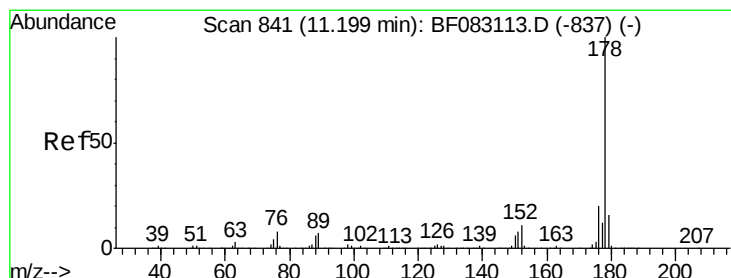
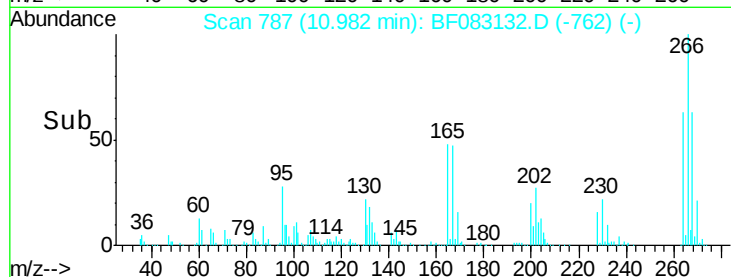
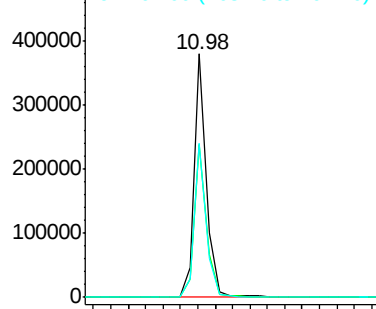
#69
 Pentachlorophenol
 Concen: 66.64 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BSD

Tgt Ion:266 Resp: 376195
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.4 77.0
 264 63.3 51.7 77.5

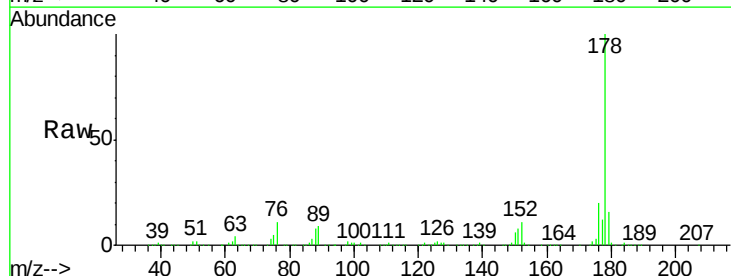


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

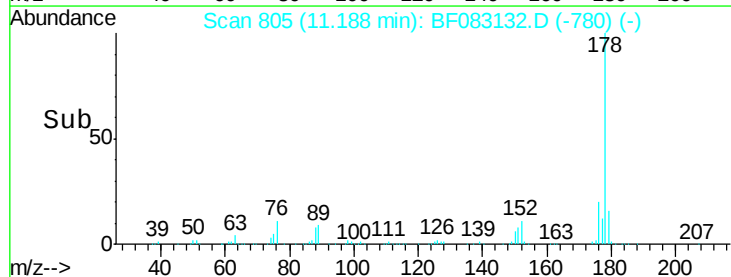
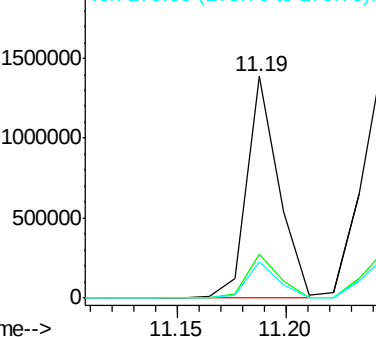


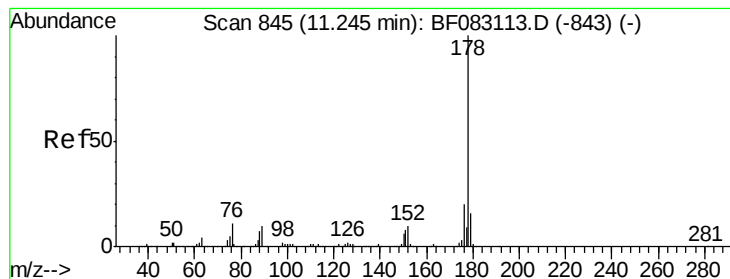
#70
 Phenanthrene
 Concen: 34.86 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Tgt Ion:178 Resp: 1424271
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.2
 179 16.4 12.8 19.2



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





#71

Anthracene

Concen: 37.73 ng

RT: 11.24 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

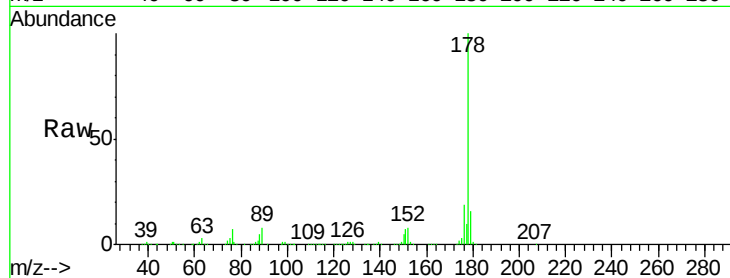
Tgt Ion:178 Resp: 1572870

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

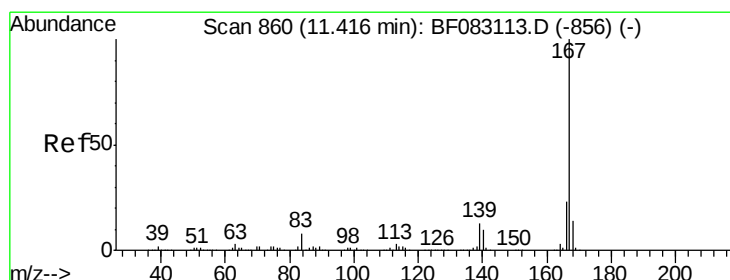
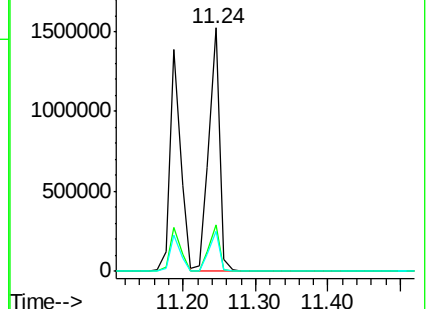
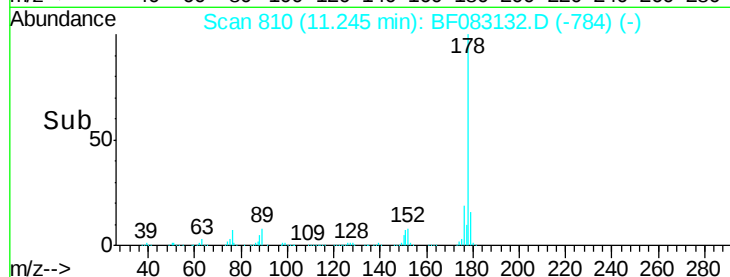
179 16.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.42 ng

RT: 11.40 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

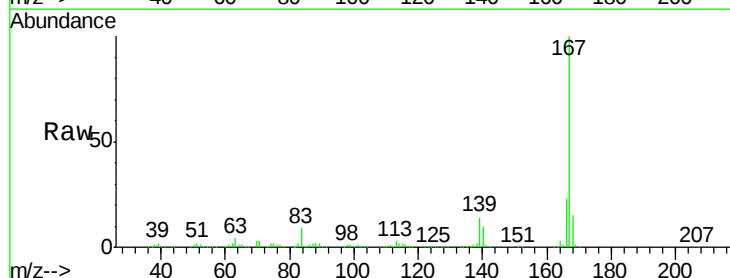
Tgt Ion:167 Resp: 1349393

Ion Ratio Lower Upper

167 100

166 22.5 18.0 27.0

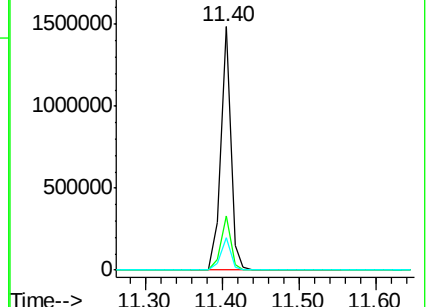
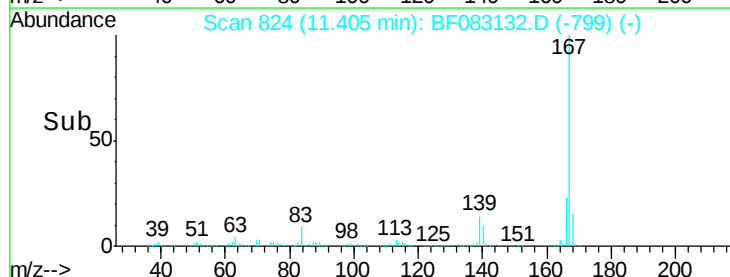
139 13.5 10.5 15.7

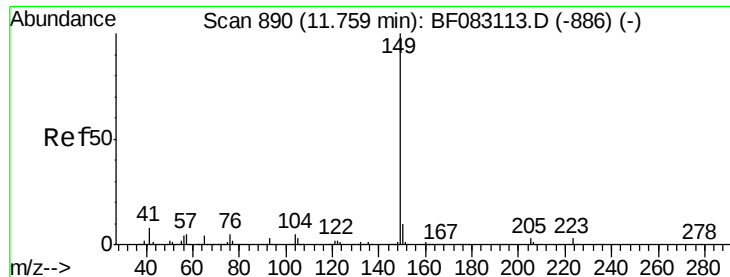


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

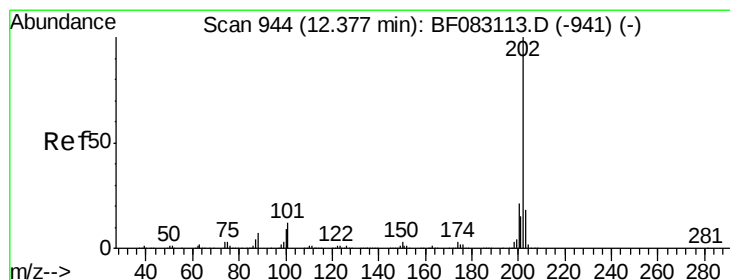
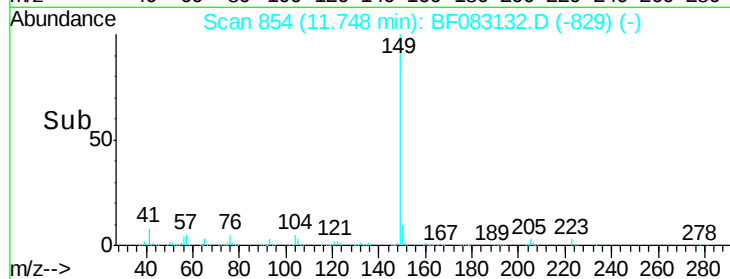
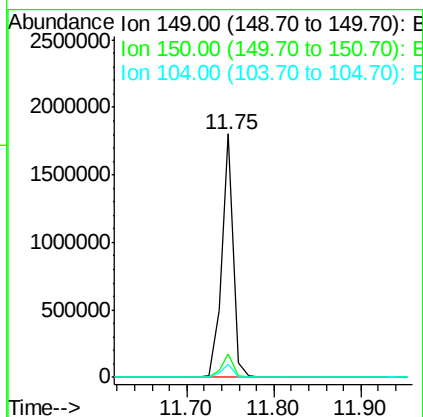
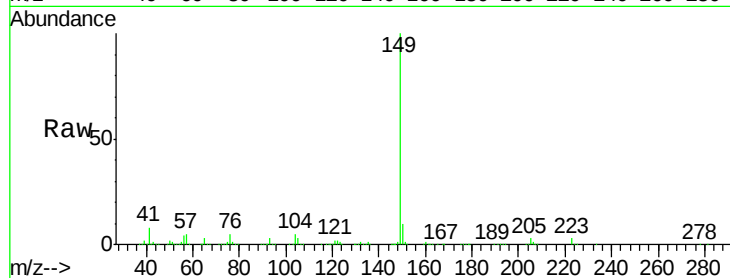




#73
Di-n-butylphthalate
Concen: 36.85 ng
RT: 11.75 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

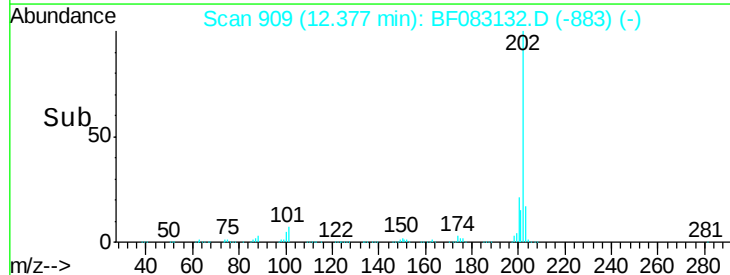
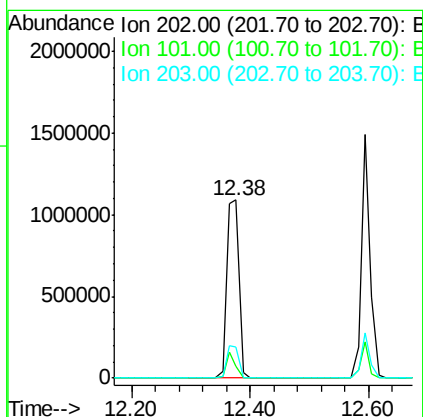
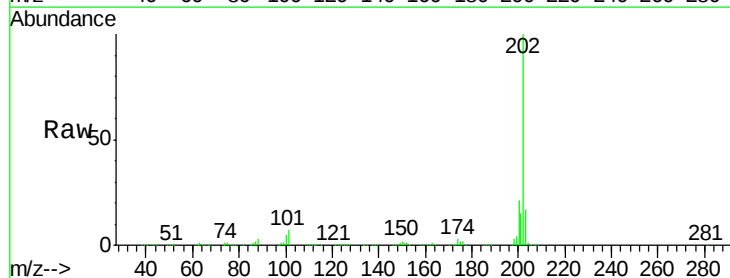
Instrument :
BNA_F
ClientSampleId :
PB86744BSD

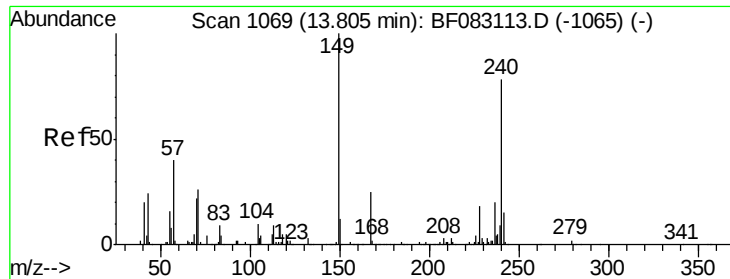
Tgt Ion:149 Resp: 1666688
Ion Ratio Lower Upper
149 100
150 9.9 8.0 12.0
104 5.2 4.4 6.6



#74
Fluoranthene
Concen: 37.14 ng
RT: 12.38 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Tgt Ion:202 Resp: 1553216
Ion Ratio Lower Upper
202 100
101 6.6 0.0 32.3
203 17.4 0.0 38.4

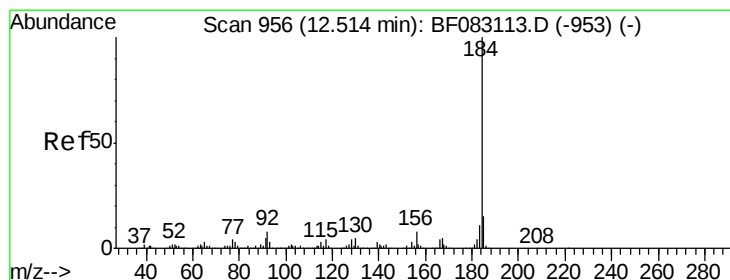
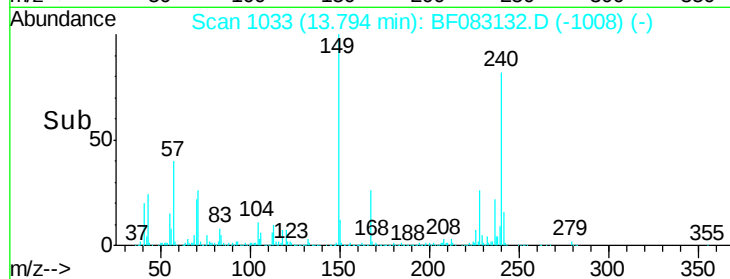
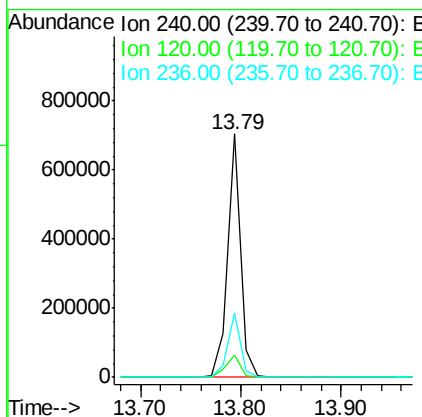
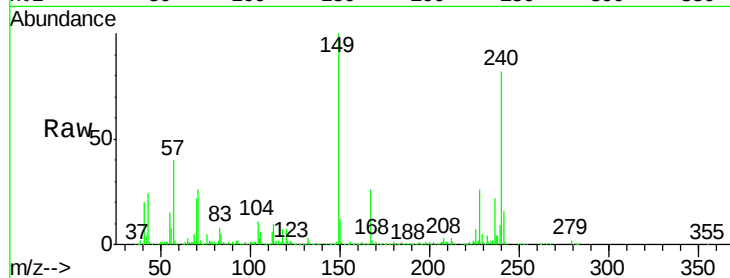




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

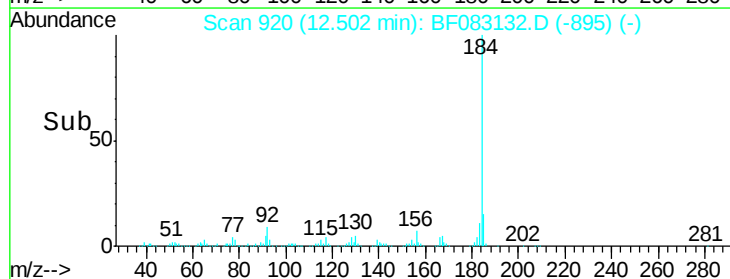
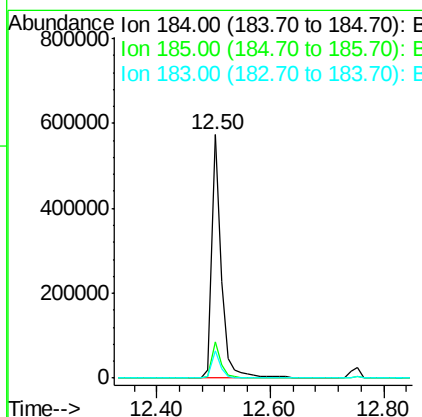
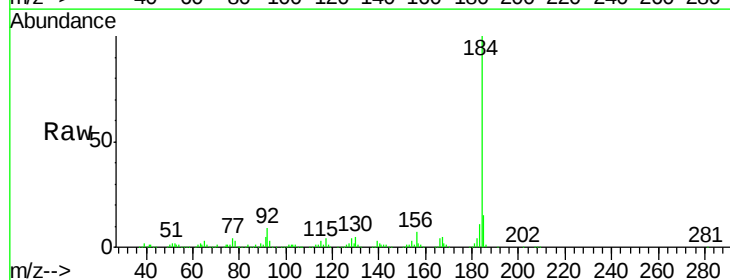
Instrument :
BNA_F
ClientSampleId :
PB86744BSD

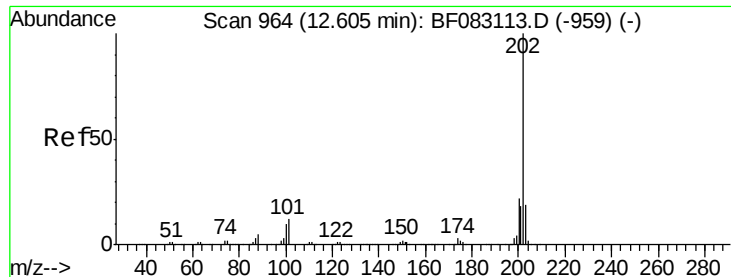
Tgt Ion:240 Resp: 633640
Ion Ratio Lower Upper
240 100
120 9.1 5.4 8.2#
236 26.5 20.6 31.0



#76
Benzidine
Concen: 39.08 ng
RT: 12.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Tgt Ion:184 Resp: 648975
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.4 8.8 13.2





#77

Pyrene

Concen: 34.85 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

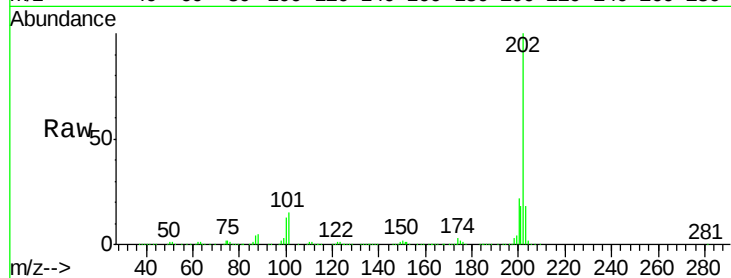
Tgt Ion:202 Resp: 1508820

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

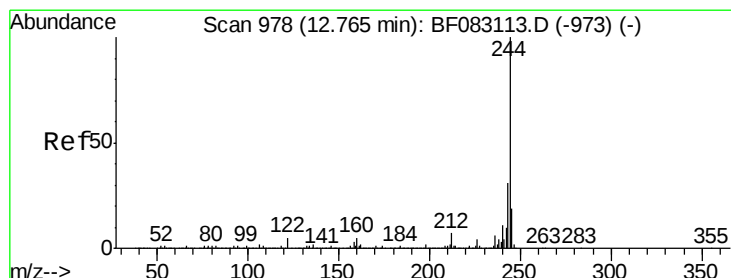
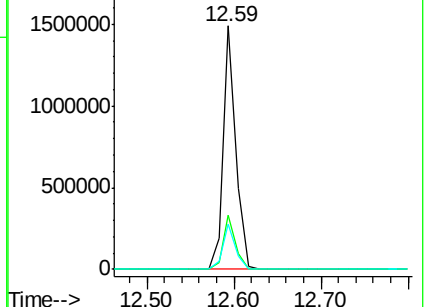
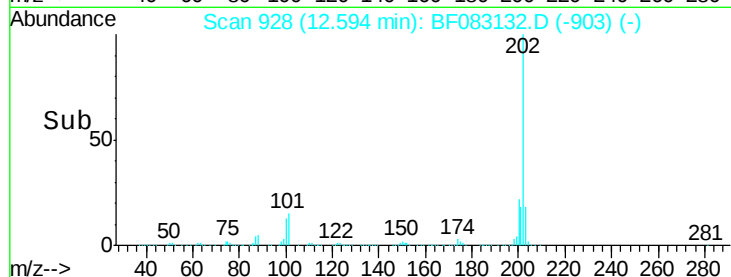
203 18.3 15.0 22.4



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: 36.78 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

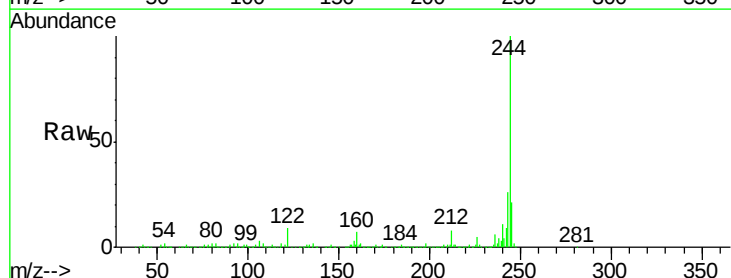
Tgt Ion:244 Resp: 1979368

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.2

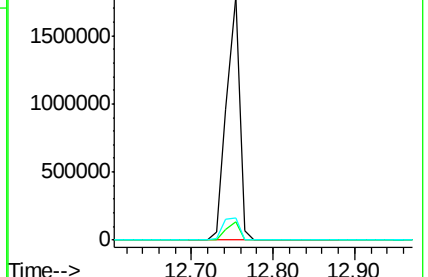
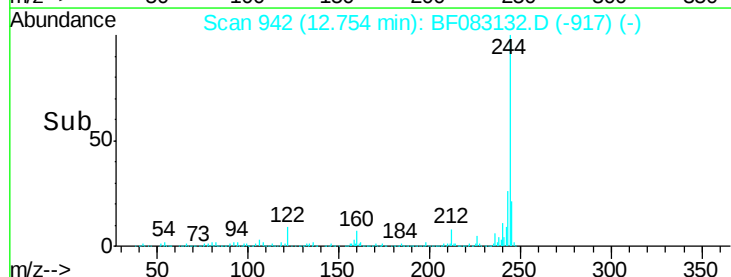
122 9.3 4.3 6.5#

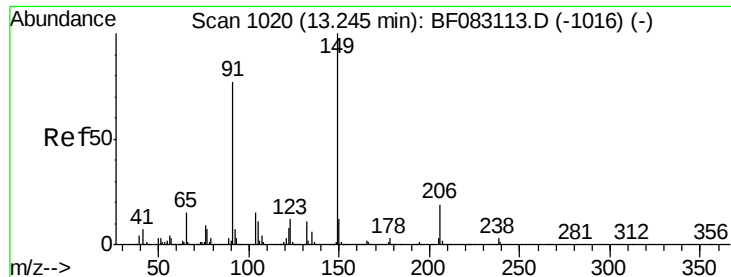


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

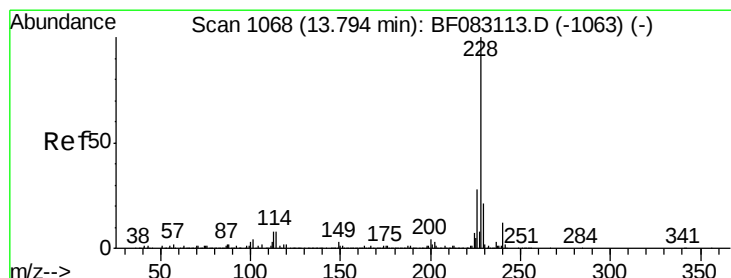
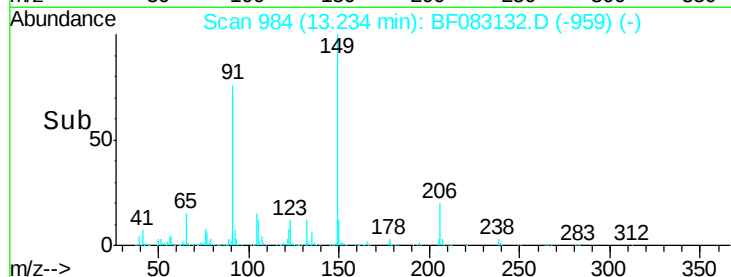
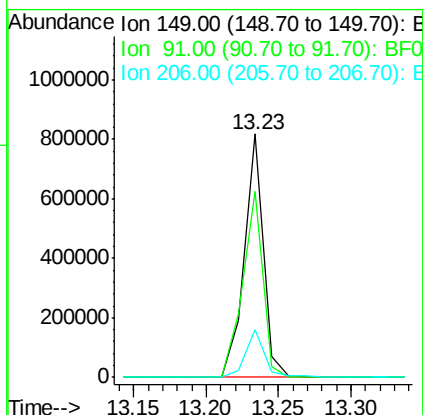
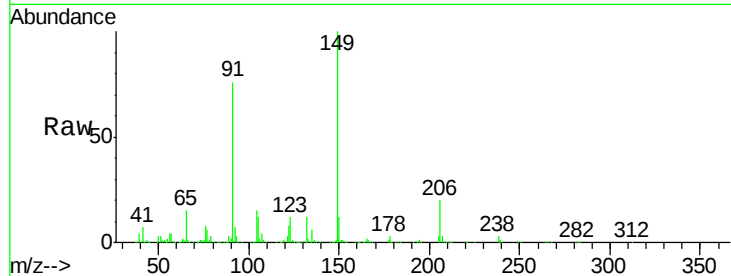




#79
Butylbenzylphthalate
Concen: 36.49 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

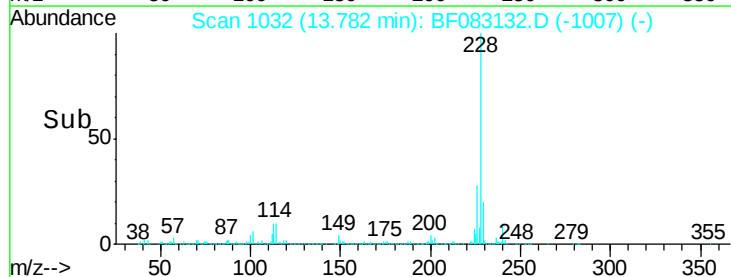
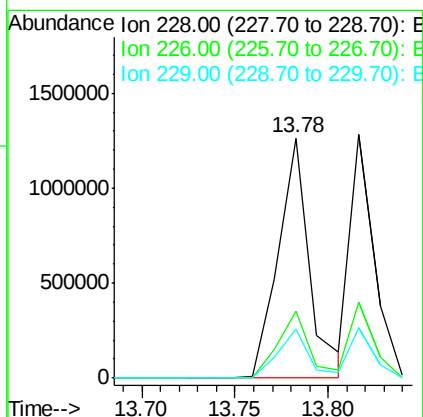
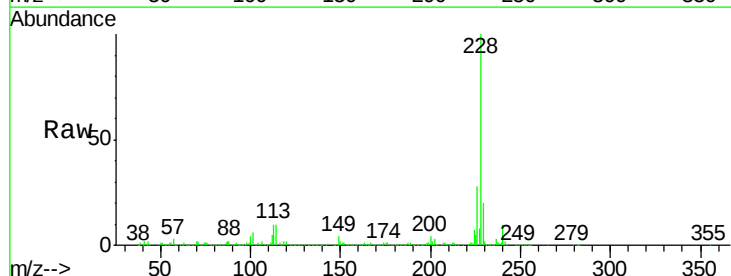
Instrument :
BNA_F
ClientSampleId :
PB86744BSD

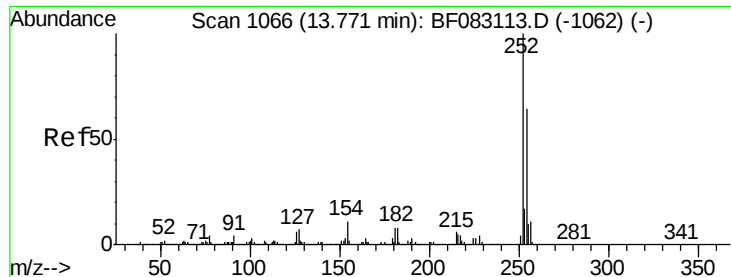
Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.3	61.5	92.3
206	19.8	15.3	22.9



#80
Benzo(a)anthracene
Concen: 37.81 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083132.D
Acq: 22 Nov 2015 2:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.4	16.6	24.8

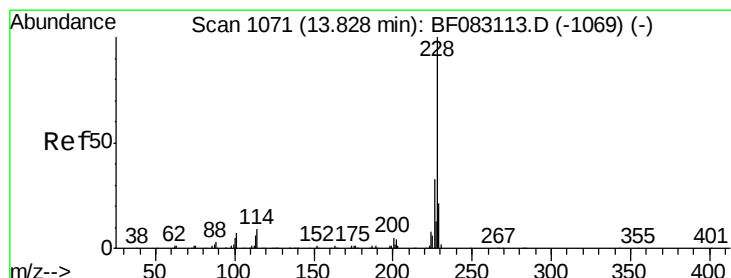
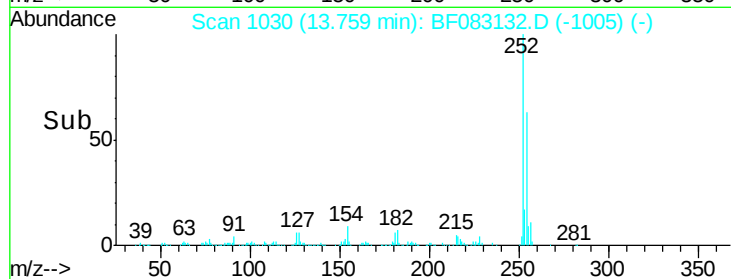
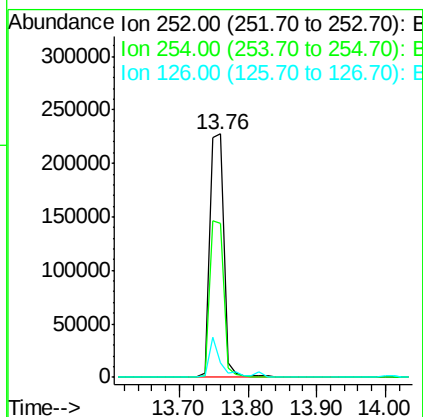
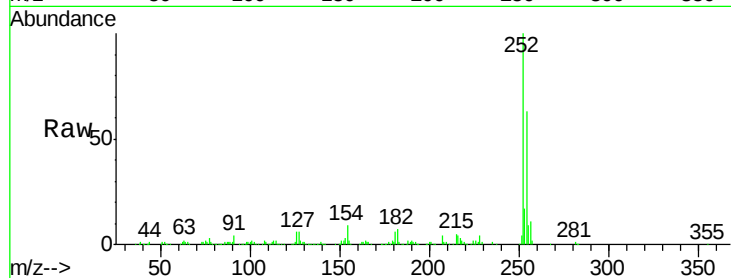




#81
 3,3'-Dichlorobenzidine
 Concen: 24.26 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

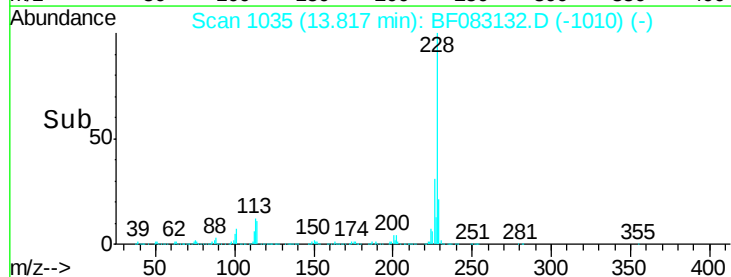
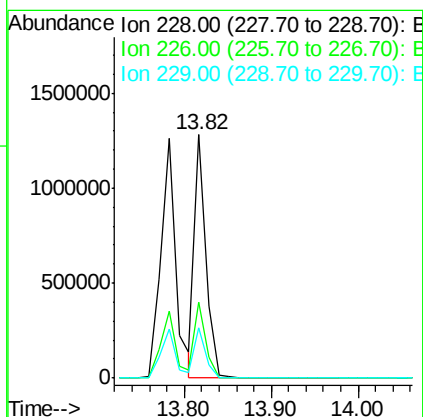
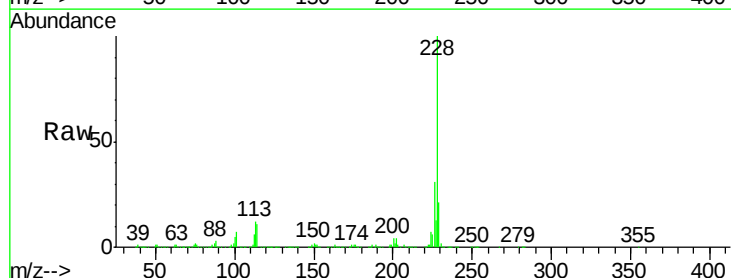
Instrument :
 BNA_F
 ClientSampleId :
 PB86744BSD

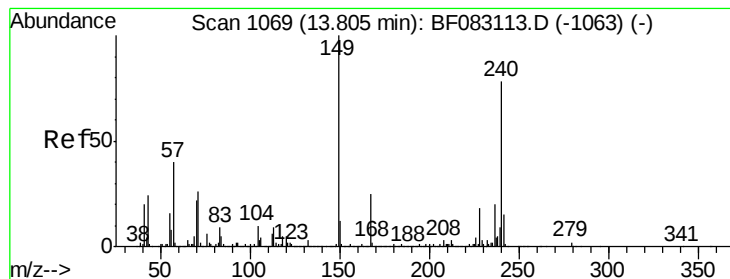
Tgt Ion:252 Resp: 330860
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.5 77.3
 126 5.9 5.2 7.8



#82
 Chrysene
 Concen: 31.99 ng
 RT: 13.82 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF083132.D
 Acq: 22 Nov 2015 2:04

Tgt Ion:228 Resp: 1162760
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.5 38.3
 229 20.6 16.6 25.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.77 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

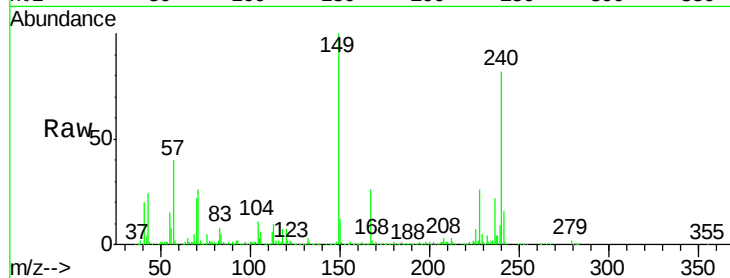
Tgt Ion:149 Resp: 957166

Ion Ratio Lower Upper

149 100

167 25.6 20.1 30.1

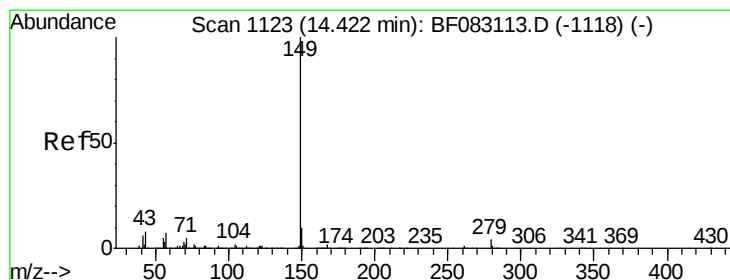
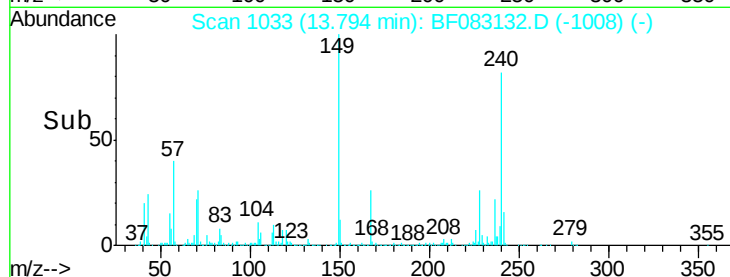
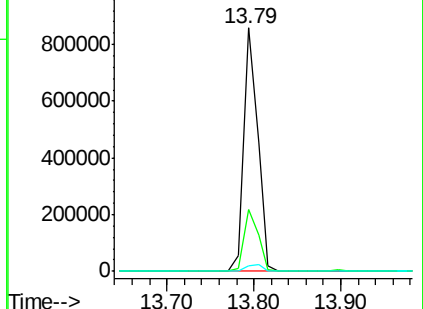
279 2.3 1.7 2.5



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: 36.88 ng

RT: 14.40 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

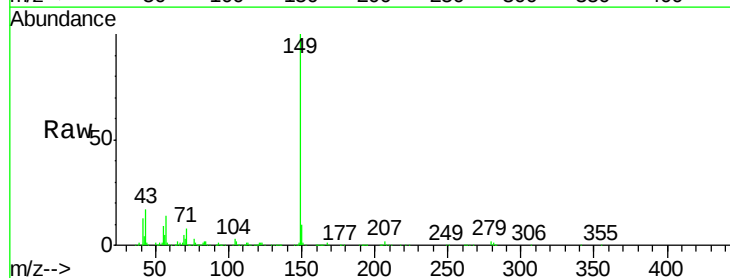
Tgt Ion:149 Resp: 1698825

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

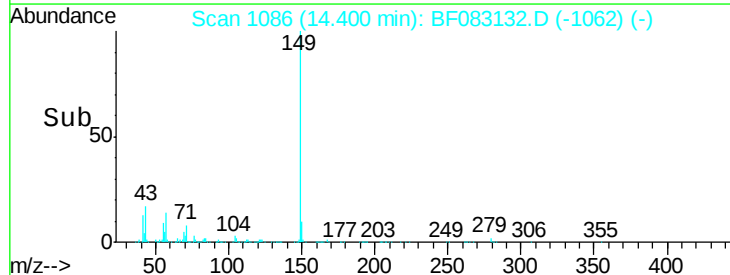
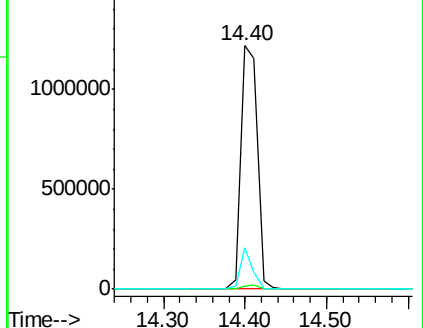
43 12.4 9.5 14.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.06 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

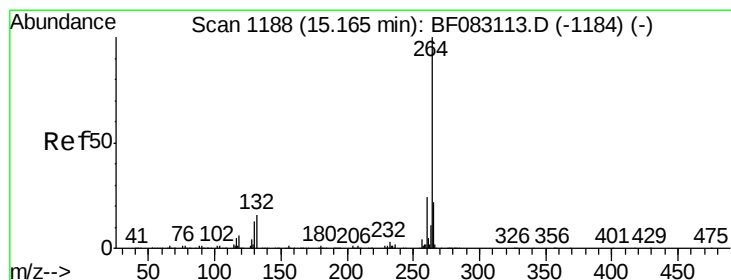
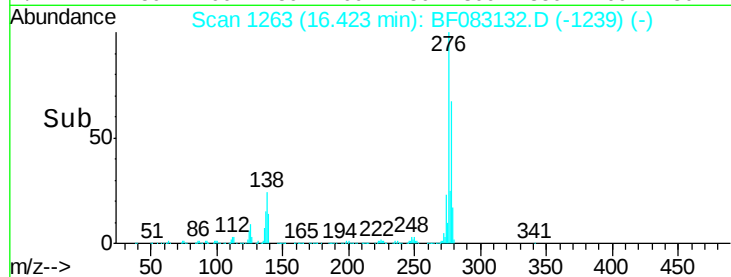
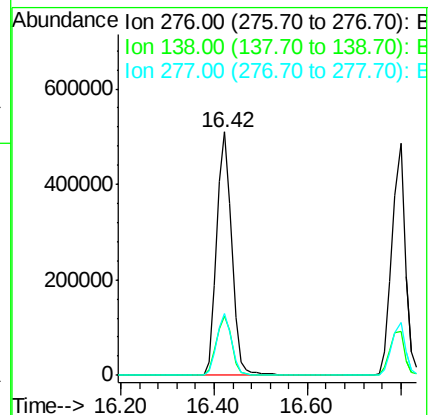
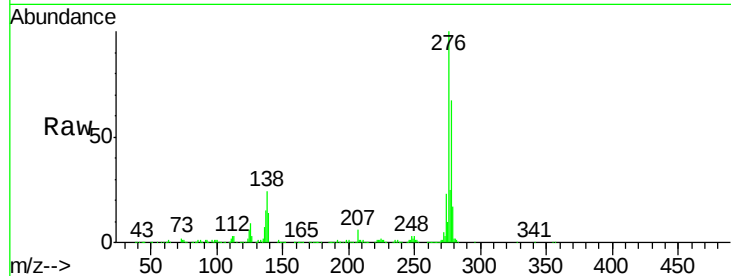
Tgt Ion:276 Resp: 1159092

Ion Ratio Lower Upper

276 100

138 24.9 18.0 27.0

277 25.2 20.2 30.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

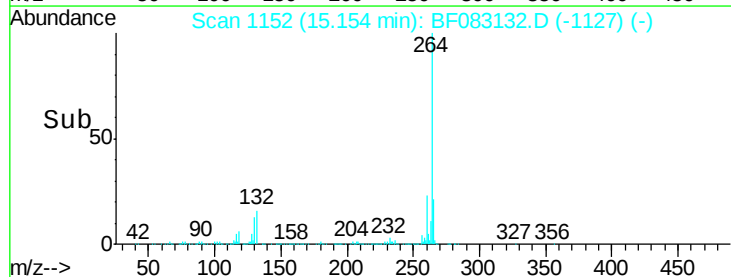
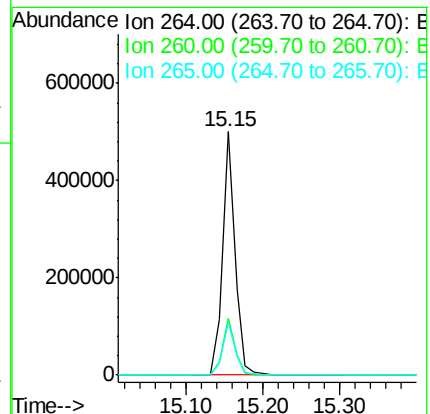
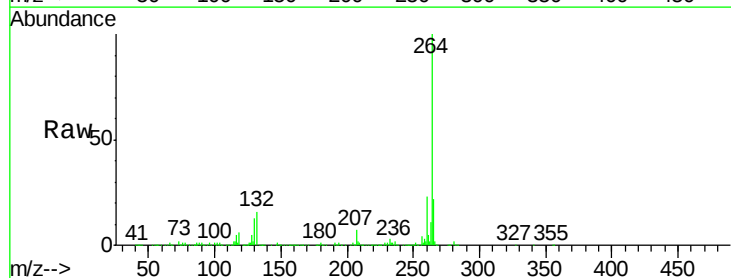
Tgt Ion:264 Resp: 568156

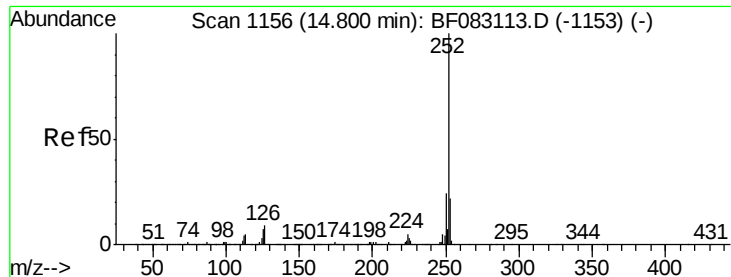
Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.5 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 62.05 ng

RT: 14.81 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

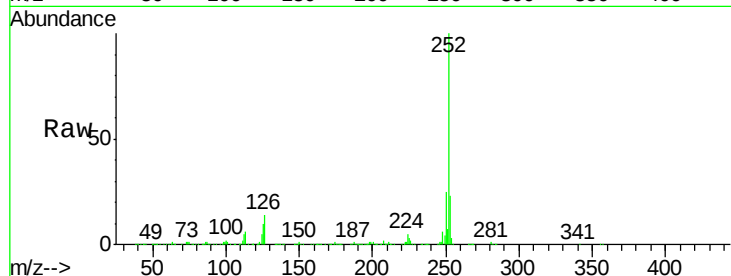
Tgt Ion:252 Resp: 2408941

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

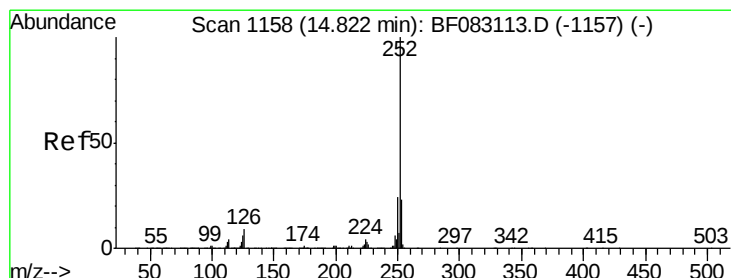
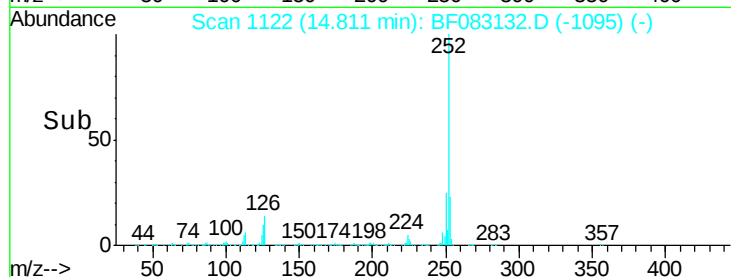
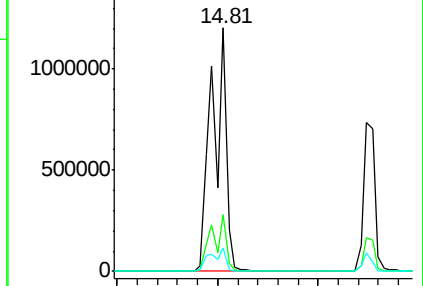
125 9.7 5.6 8.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 83.29 ng

RT: 14.81 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

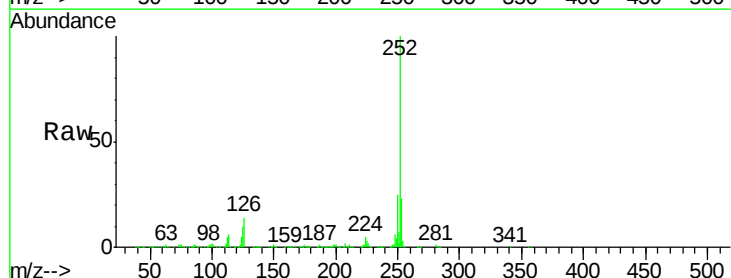
Tgt Ion:252 Resp: 2408941

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

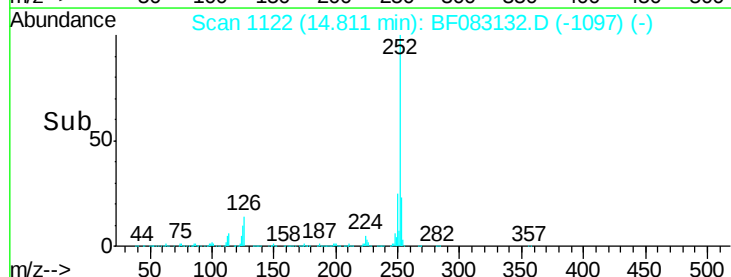
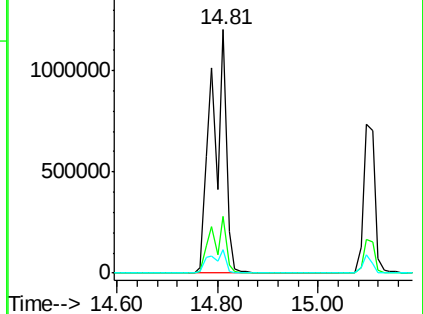
125 9.7 6.8 10.2

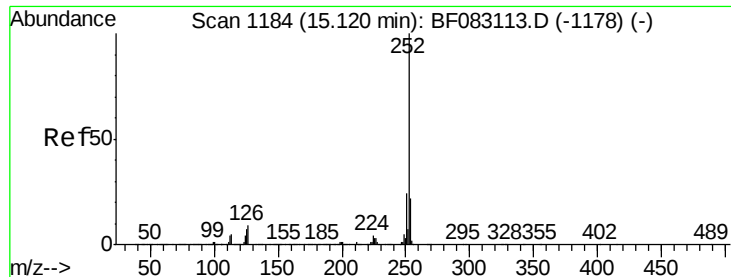


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.92 ng

RT: 15.10 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

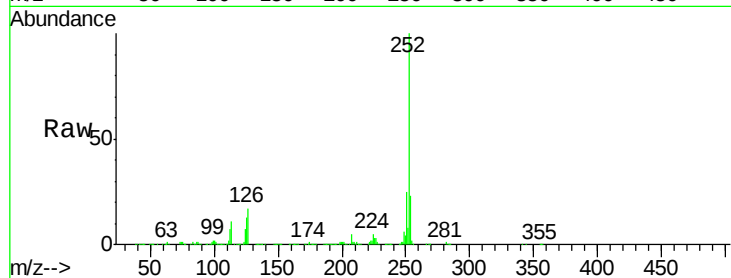
Tgt Ion:252 Resp: 1151269

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

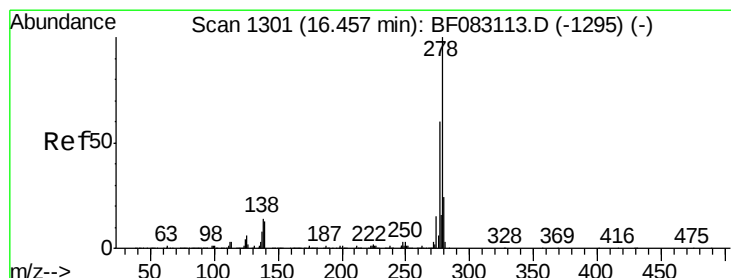
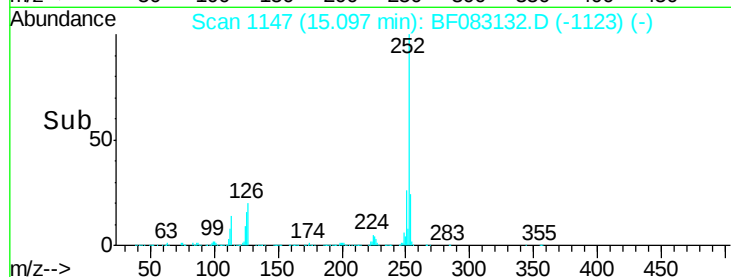
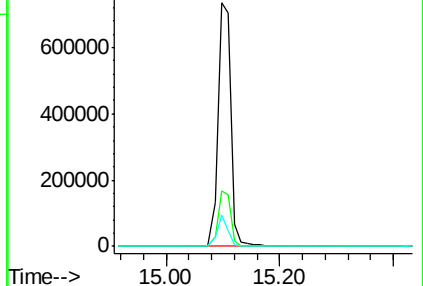
125 12.6 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.90 ng

RT: 16.43 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

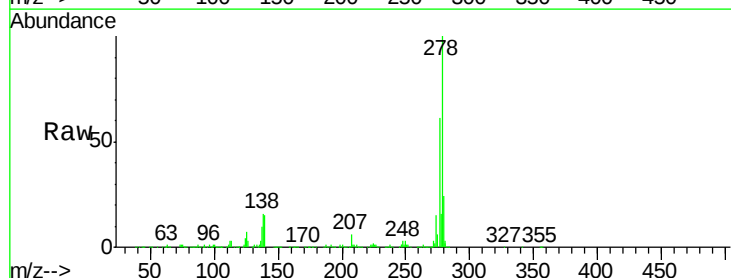
Tgt Ion:278 Resp: 986879

Ion Ratio Lower Upper

278 100

139 14.9 10.7 16.1

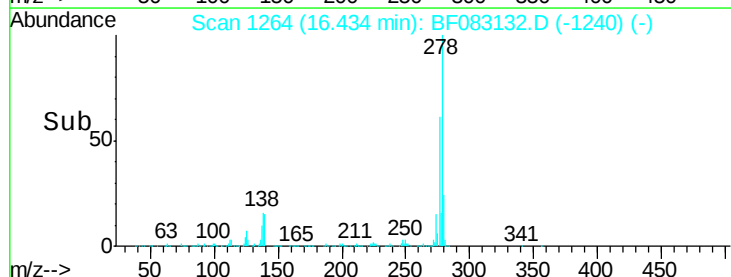
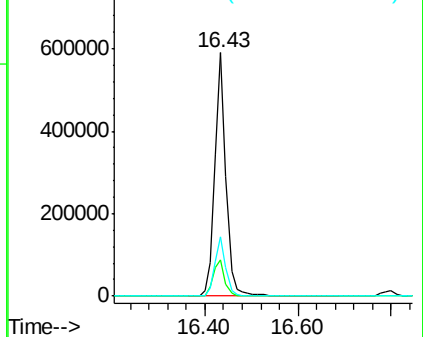
279 24.3 19.3 28.9

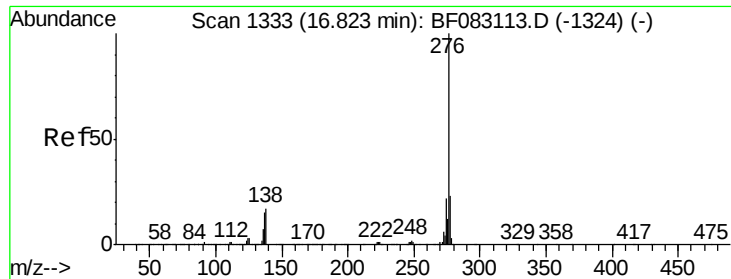


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.12 ng

RT: 16.80 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF083132.D

Acq: 22 Nov 2015 2:04

Instrument :

BNA_F

ClientSampleId :

PB86744BSD

Tgt Ion: 276 Resp: 969831

Ion Ratio Lower Upper

276 100

277 23.0 18.7 28.1

138 19.0 13.9 20.9

