

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083162.D
 Acq On : 22 Nov 2015 16:46
 Operator : UM/IZ
 Sample : SP3503
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP3503

Quant Time: Nov 23 07:12:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	188256	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	721920	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	315022	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	646543	20.00	ng	0.00
75) Chrysene-d12	13.81	240	360944	20.00	ng	0.00
86) Perylene-d12	15.17	264	432826	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
3) Pyridine	2.79	79	3318679m	203.71	ng	
4) n-Nitrosodimethylamine	2.81	42	1591106	211.75	ng	100
6) Aniline	6.34	93	4077398	207.08	ng	# 81
8) 2-Chlorophenol	6.46	128	2285078	169.85	ng	97
10) Phenol	6.35	94	3086461	158.36	ng	82
11) bis(2-Chloroethyl)ether	6.41	93	2404000	172.73	ng	93
12) 1,3-Dichlorobenzene	6.60	146	2475772m	161.17	ng	
13) 1,4-Dichlorobenzene	6.67	146	2383581	153.40	ng	97
14) 1,2-Dichlorobenzene	6.83	146	2125002	150.47	ng	97
15) Benzyl Alcohol	6.84	79	2219391	164.85	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	3459150	159.39	ng	92
17) 2-Methylphenol	6.96	107	1837138	165.03	ng	94
18) Hexachloroethane	7.18	117	919479	167.99	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	2053937	183.18	ng	# 91
20) 3+4-Methylphenols	7.13	107	2367649	168.24	ng	96
24) Nitrobenzene	7.27	77	3053311	180.87	ng	# 89
25) Isophorone	7.53	82	5307997	177.44	ng	99
26) 2-Nitrophenol	7.58	139	1193762	160.18	ng	# 86
27) 2,4-Dimethylphenol	7.66	122	2207434	185.59	ng	93
28) bis(2-Chloroethoxy)methane	7.72	93	2687115	154.50	ng	97
29) 2,4-Dichlorophenol	7.84	162	1911461	168.97	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1794883	144.45	ng	95
31) Naphthalene	7.98	128	4974017	127.67	ng	# 92
33) 4-Chloroaniline	8.04	127	2642068	174.78	ng	95
34) Hexachlorobutadiene	8.10	225	1135723	154.66	ng	97
36) 4-Chloro-3-methylphenol	8.52	107	1895907	144.69	ng	90
37) 2-Methylnaphthalene	8.67	142	3907937	154.55	ng	97
40) Hexachlorocyclopentadiene	8.82	237	1098713	189.24	ng	97
42) 2,4,6-Trichlorophenol	8.95	196	1244869	170.24	ng	99
43) 2,4,5-Trichlorophenol	8.99	196	1375419	183.96	ng	# 92
46) 2-Chloronaphthalene	9.15	162	3548524	168.50	ng	# 89
47) 2-Nitroaniline	9.27	65	1512212	202.99	ng	91
48) Acenaphthylene	9.58	152	5392438	165.22	ng	94
49) Dimethylphthalate	9.47	163	4299082	177.26	ng	98

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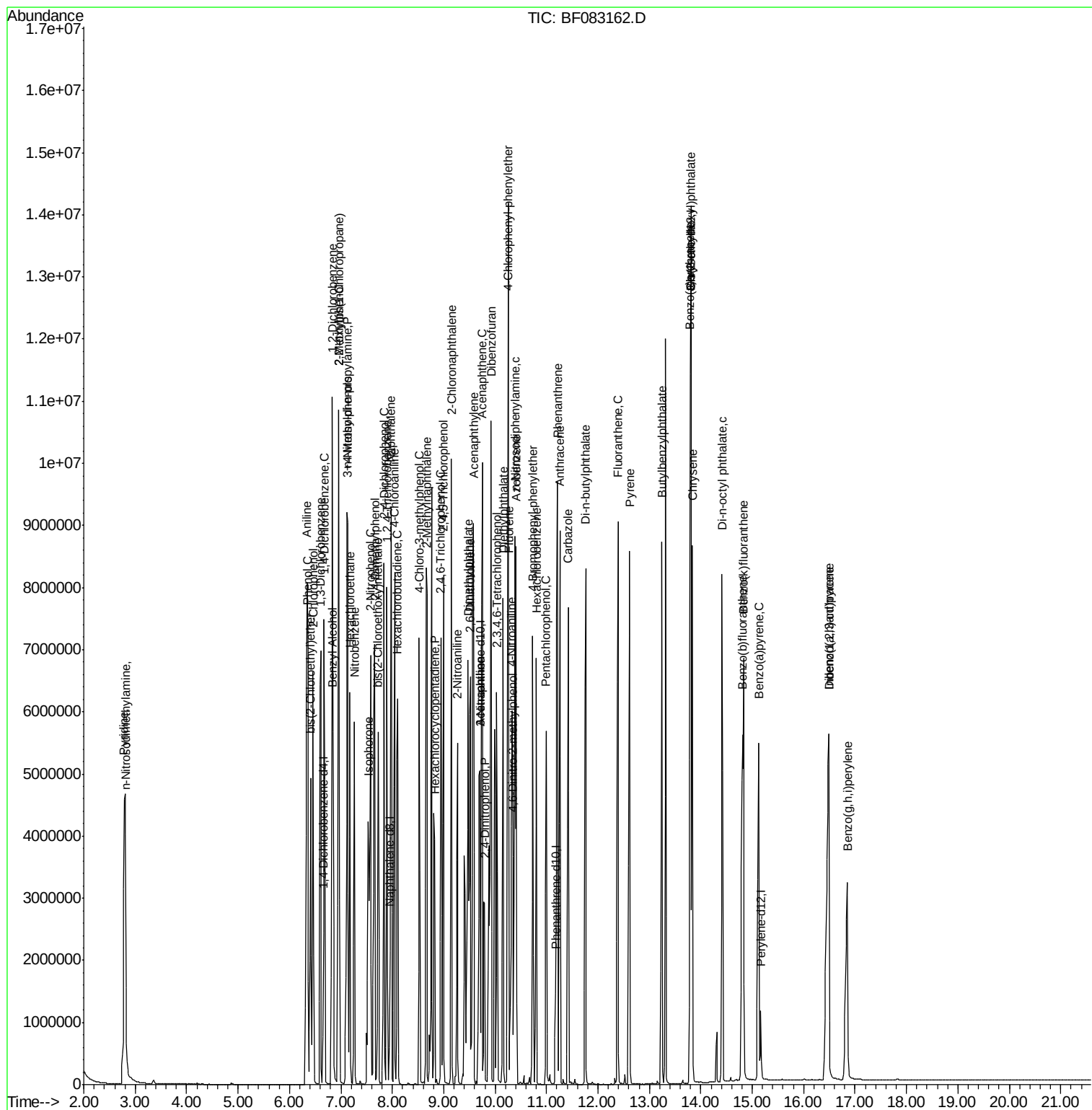
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2,6-Dinitrotoluene	9.52	165	957133	175.88	nq	94
51) Acenaphthene	9.75	154	3338147	168.06	nq	98
52) 3-Nitroaniline	9.70	138	1300944	224.23	nq	93
53) 2,4-Dinitrophenol	9.79	184	637232	203.25	nq	# 76
54) Dibenzofuran	9.92	168	4636120	165.07	nq	96
57) Fluorene	10.26	166	3577132	154.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	1091842	178.01	nq	95
59) Diethylphthalate	10.16	149	4187190	173.44	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	1473644	138.62	nq	93
61) 4-Nitroaniline	10.33	138	1072924	187.83	nq	91
62) Azobenzene	10.41	77	4660605	169.14	nq	92
64) 4,6-Dinitro-2-methylphenol	10.34	198	807284	181.22	nq	98
65) n-Nitrosodiphenylamine	10.39	169	3479807	158.25	nq	97
66) 4-Bromophenyl-phenylether	10.73	248	1115885	155.54	nq	# 85
67) Hexachlorobenzene	10.80	284	1170198	148.11	nq	96
69) Pentachlorophenol	10.99	266	822427	159.81	nq	97
70) Phenanthrene	11.21	178	5365889m	144.05	nq	
71) Anthracene	11.26	178	5145891	135.40	nq	94
72) Carbazole	11.42	167	4926787	145.85	nq	# 94
73) Di-n-butylphthalate	11.76	149	5724280	138.83	nq	# 95
74) Fluoranthene	12.39	202	4949677	129.83	nq	93
77) Pyrene	12.62	202	5369103	217.73	nq	94
79) Butylbenzylphthalate	13.24	149	2797079	239.67	nq	97
80) Benzo(a)anthracene	13.79	228	4610736	206.55	nq	97
82) Chrysene	13.84	228	3668534	177.21	nq	96
83) Bis(2-ethylhexyl)phthalate	13.81	149	2949869	193.53	nq	# 94
84) Di-n-octyl phthalate	14.41	149	5178484	197.35	nq	97
85) Indeno(1,2,3-cd)pyrene	16.49	276	4716946	250.51	nq	96
87) Benzo(b)fluoranthene	14.81	252	5256276m	177.73	nq	
88) Benzo(k)fluoranthene	14.83	252	2292564m	104.05	nq	
89) Benzo(a)pyrene	15.13	252	4052158	165.96	nq	# 95
90) Dibenzo(a,h)anthracene	16.49	278	3831410	172.75	nq	# 95
91) Benzo(a,h,i)perylene	16.86	276	3974887	183.58	nq	99

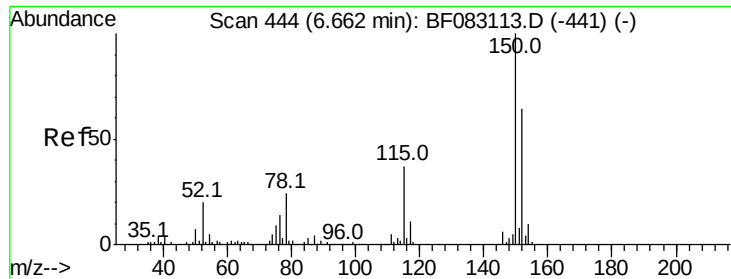
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampled :

SP3503

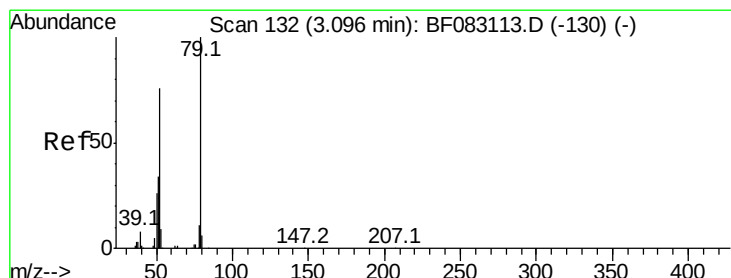
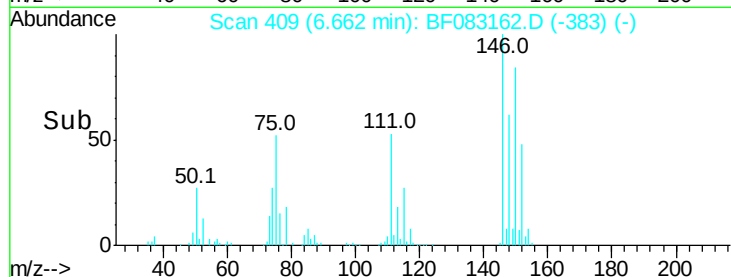
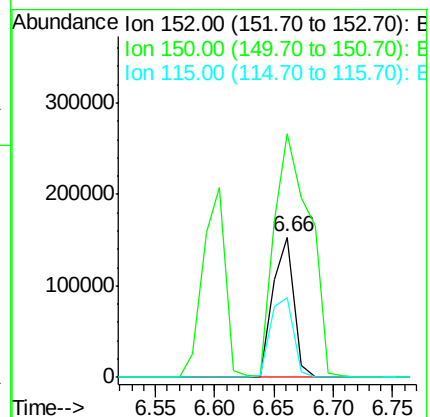
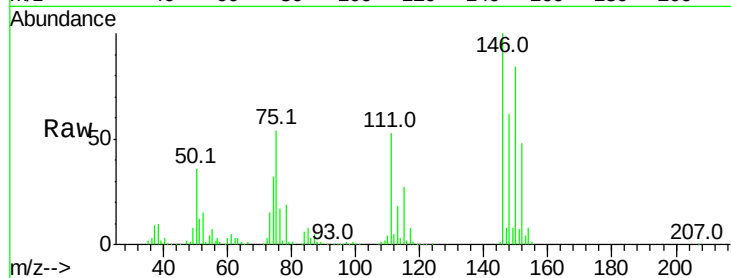
Tot Ion:152 Resp: 188256

Ion Ratio Lower Upper

152 100

150 173.5 125.8 188.8

115 56.7 46.9 70.3



#3

Pyridine

Concen: 203.71 ng m

RT: 2.79 min Scan# 70

Delta R.T. -0.31 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

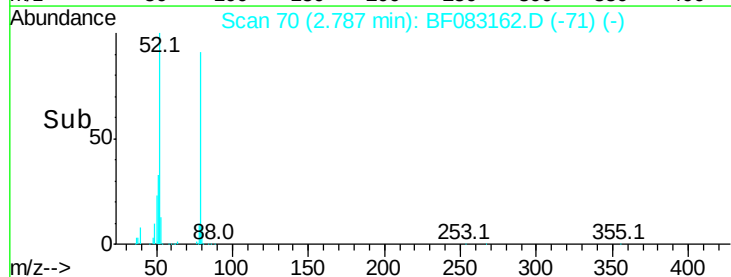
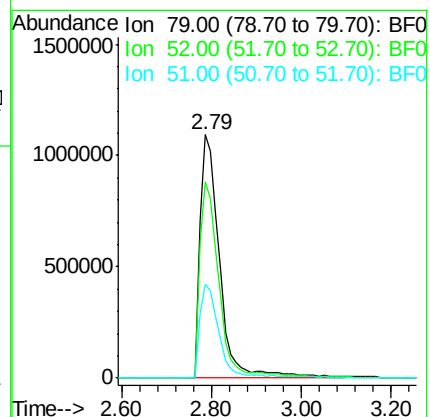
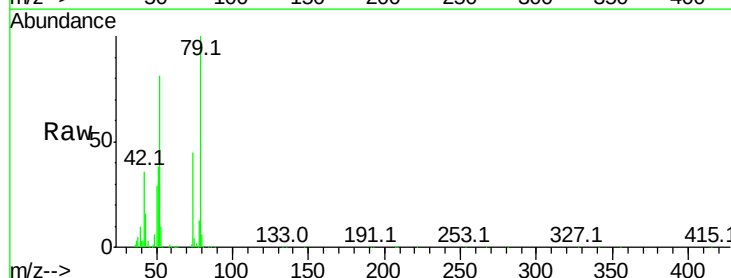
Tgt Ion: 79 Resp: 3318679

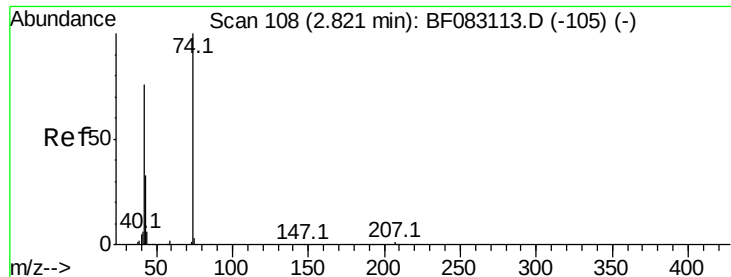
Ion Ratio Lower Upper

79 100

52 80.9 60.7 91.1

51 38.4 27.9 41.9



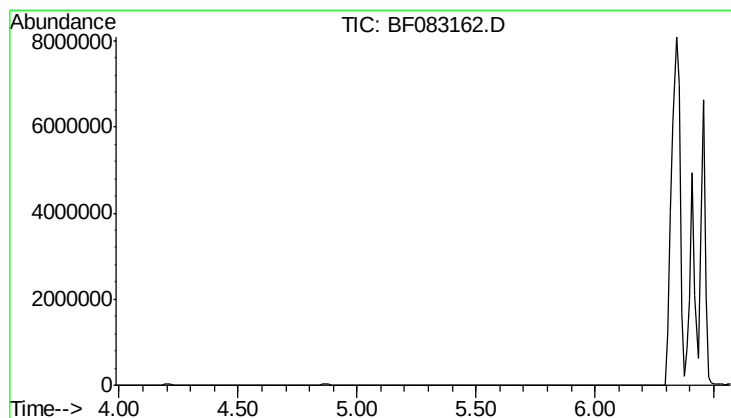
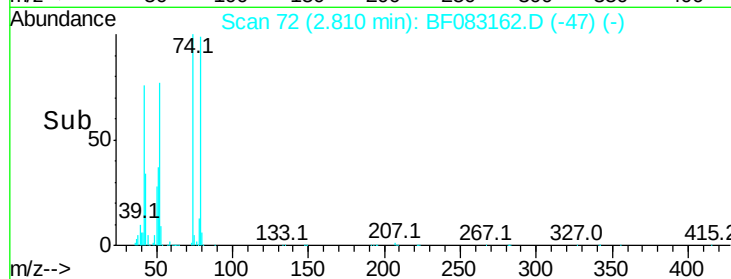
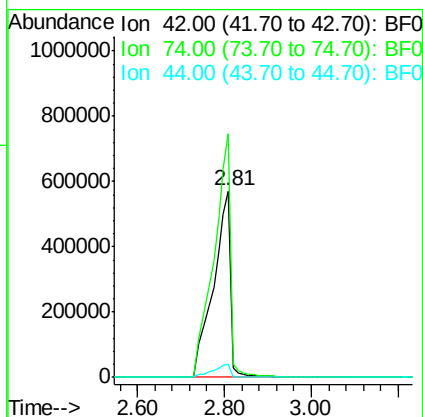
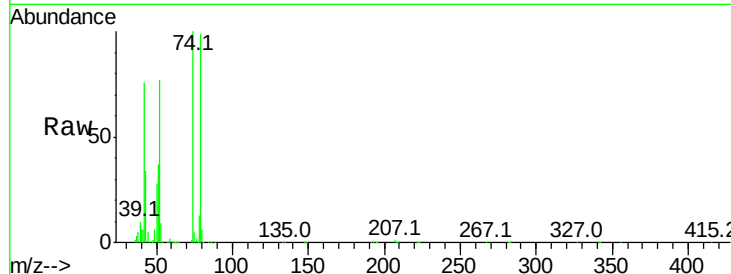


#4

n-Nitrosodimethylamine
Concen: 211.75 ng
RT: 2.81 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Instrument :
BNA_F
ClientSampleId :
SP3503

Tot Ion: 42 Resp: 1591106
Ion Ratio Lower Upper
42 100
74 130.8 104.8 157.2
44 7.1 6.2 9.4

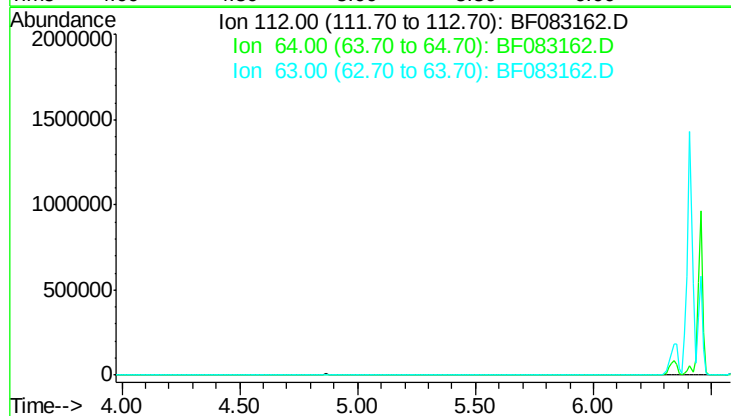


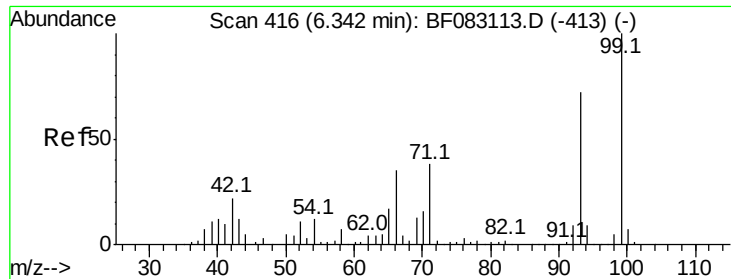
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.28 min

Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion: 112
Sig Exp Ratio
112 100
64 73.0
63 37.5





#6

Aniline

Concen: 207.08 ng

RT: 6.34 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

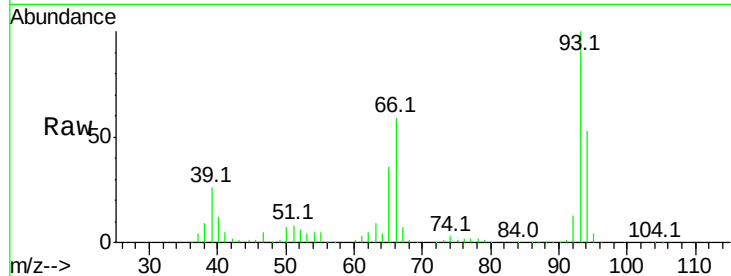
Tot Ion: 93 Resp: 4077398

Ion Ratio Lower Upper

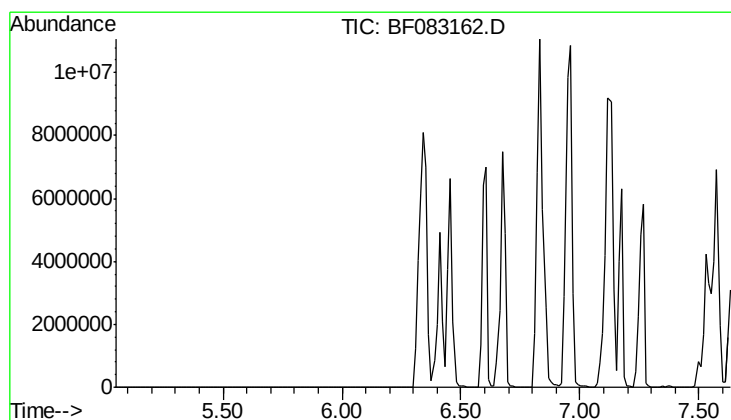
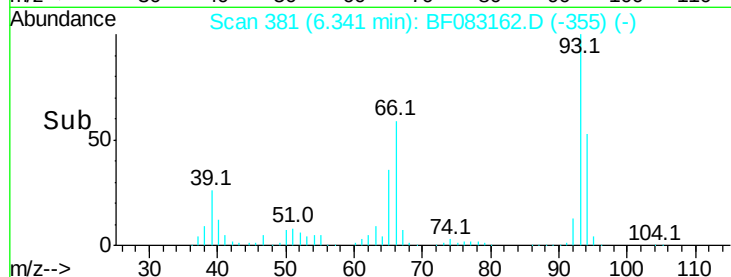
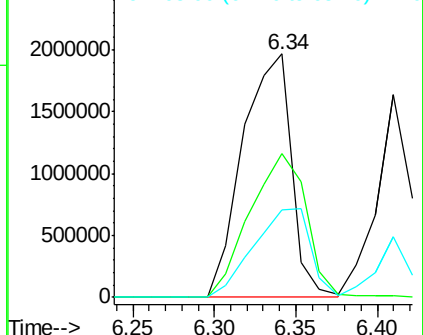
93 100

66 59.1 38.7 58.1#

65 36.0 18.6 27.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.34 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

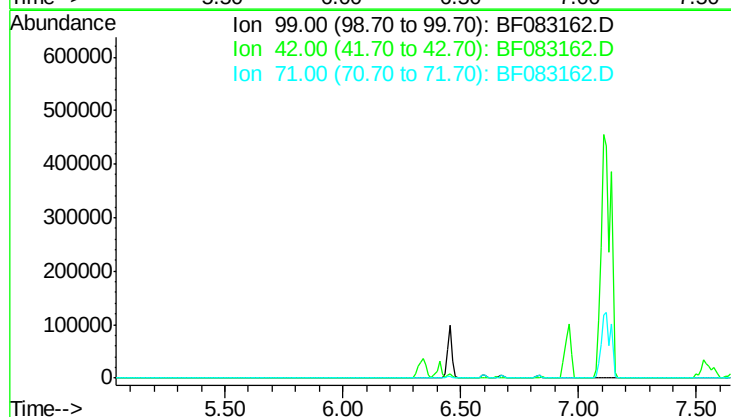
Tgt Ion: 99

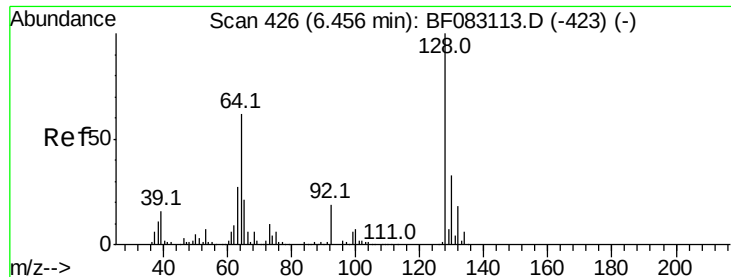
Sig Exp Ratio

99 100

42 22.1

71 37.8





#8

2-Chlorophenol

Concen: 169.85 ng

RT: 6.46 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

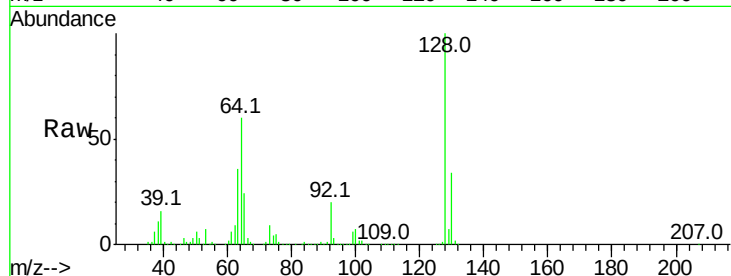
Tot Ion:128 Resp: 2285078

Ion Ratio Lower Upper

128 100

130 34.4 12.6 52.6

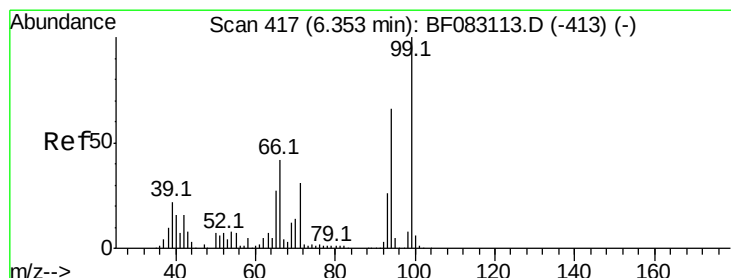
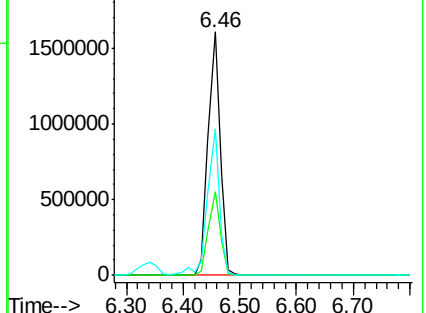
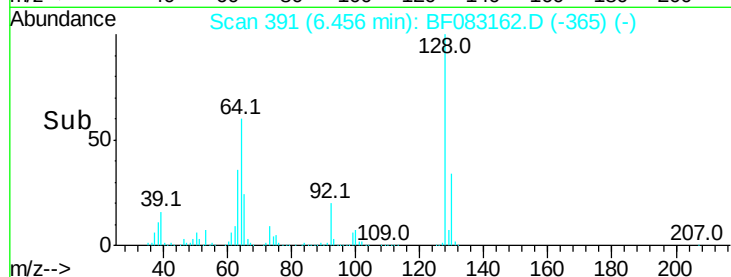
64 59.9 41.9 81.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#10

Phenol

Concen: 158.36 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

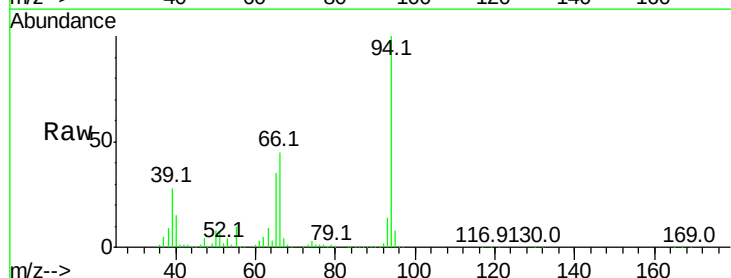
Tgt Ion: 94 Resp: 3086461

Ion Ratio Lower Upper

94 100

65 34.8 21.1 61.1

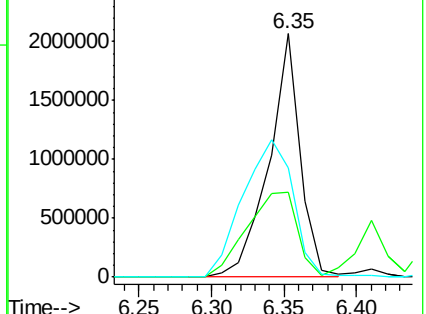
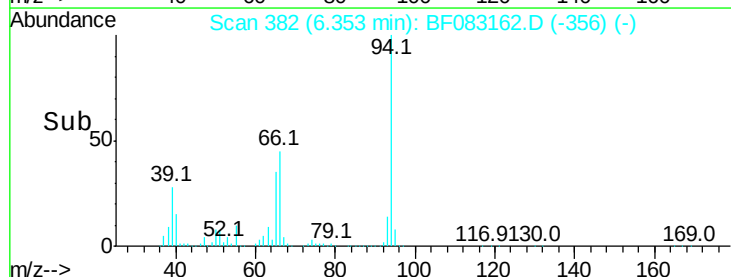
66 45.0 43.1 83.1

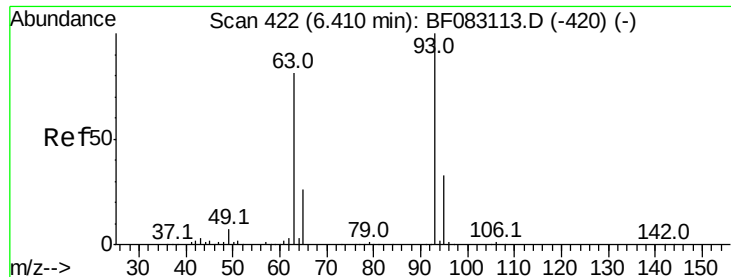


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 172.73 ng

RT: 6.41 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083162.D

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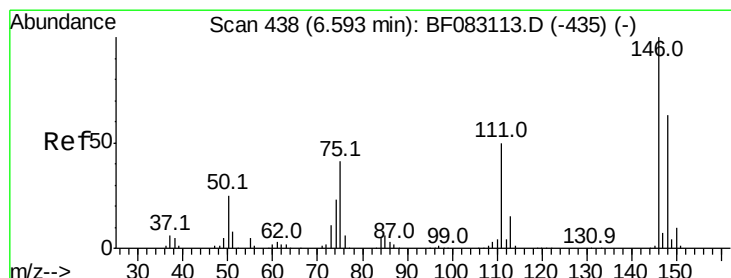
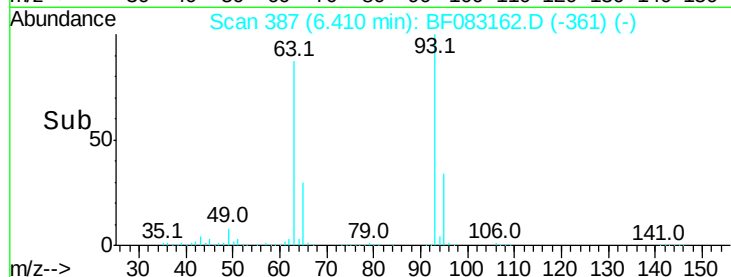
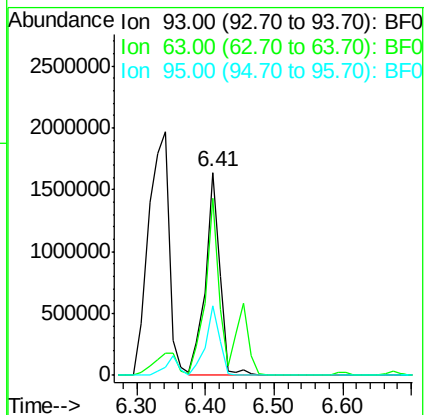
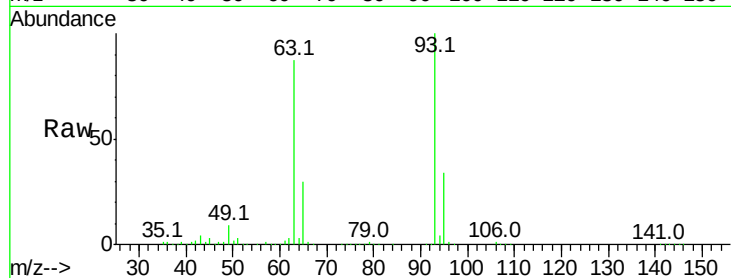
Tot Ion: 93 Resp: 2404000

Ion	Ratio	Lower	Upper
93	100		
63	87.1	59.8	99.8
95	34.4	13.0	53.0

93 100

63 87.1 59.8 99.8

95 34.4 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 161.17 ng m

RT: 6.60 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

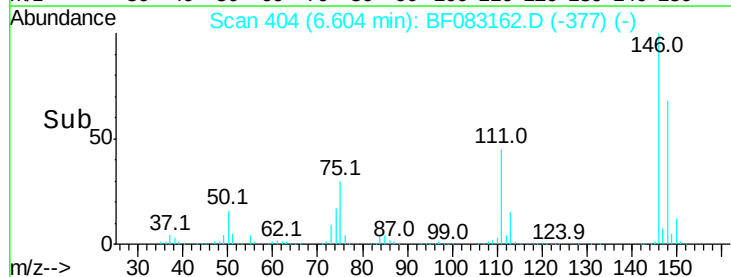
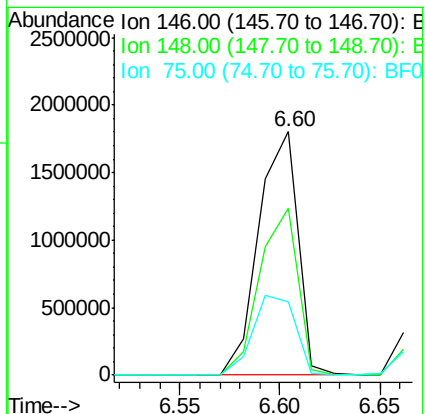
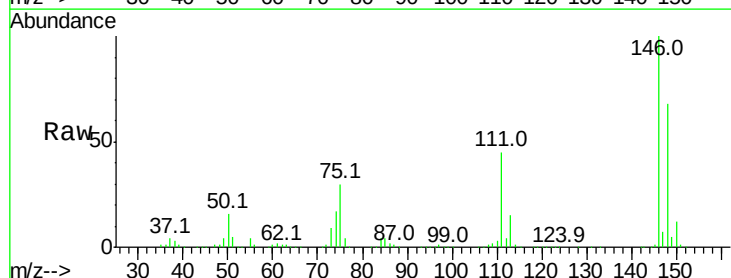
Tgt Ion: 146 Resp: 2475772

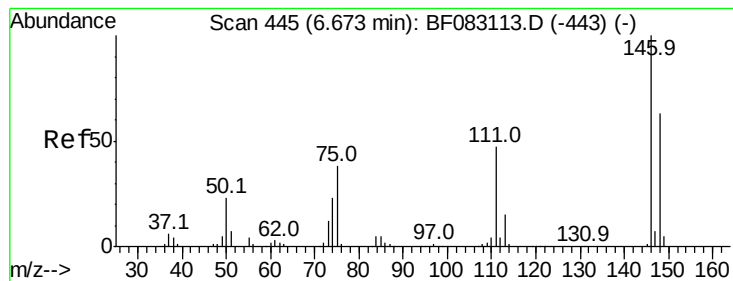
Ion	Ratio	Lower	Upper
146	100		
148	68.3	50.2	75.2
75	30.0	32.7	49.1

146 100

148 68.3 50.2 75.2

75 30.0 32.7 49.1





#13

1,4-Dichlorobenzene

Concen: 153.40 ng

RT: 6.67 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampled :

SP3503

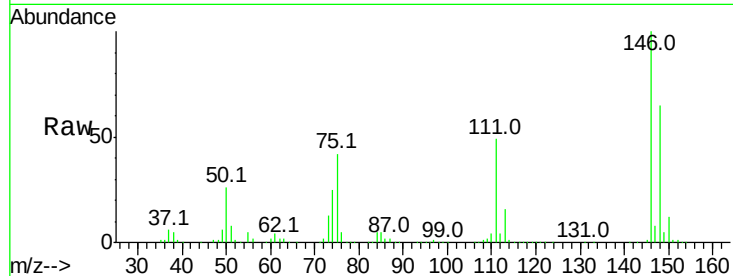
Tot Ion:146 Resp: 2383581

Ion Ratio Lower Upper

146 100

148 64.6 50.2 75.2

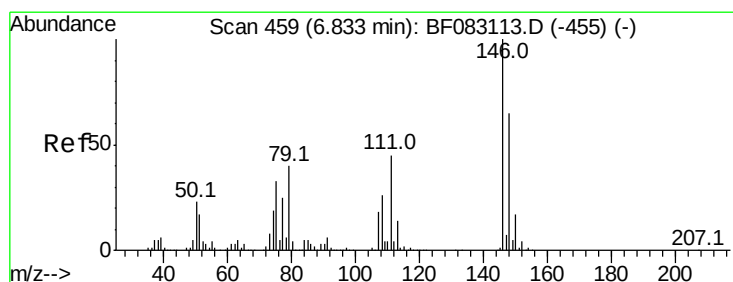
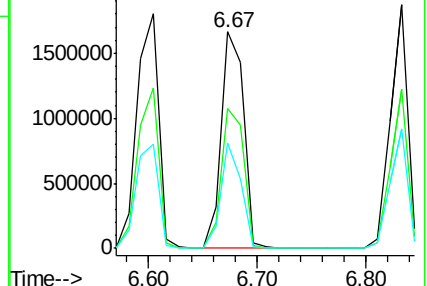
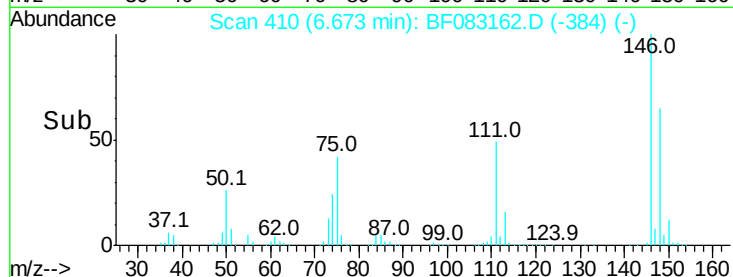
111 48.7 37.5 56.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 150.47 ng

RT: 6.83 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

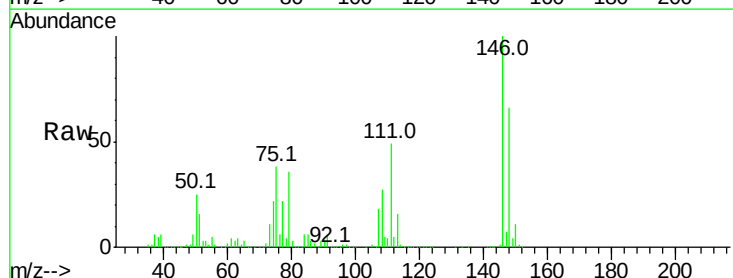
Tgt Ion:146 Resp: 2125002

Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.6

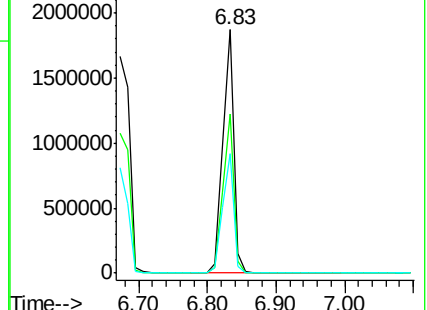
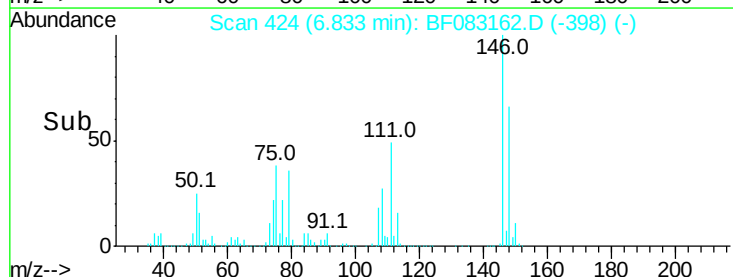
111 49.0 36.2 54.4

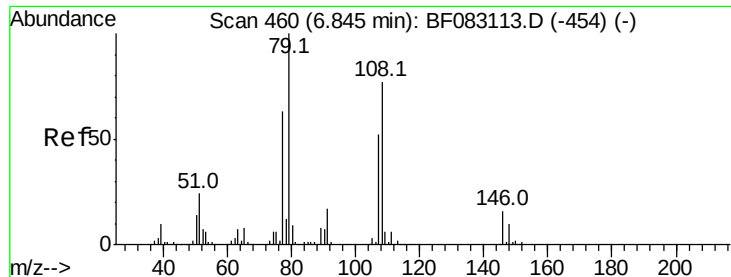


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 164.85 ng

RT: 6.84 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

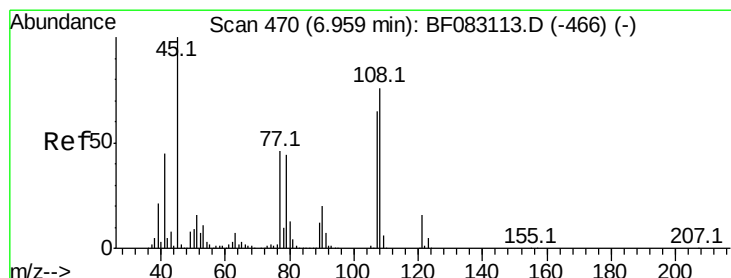
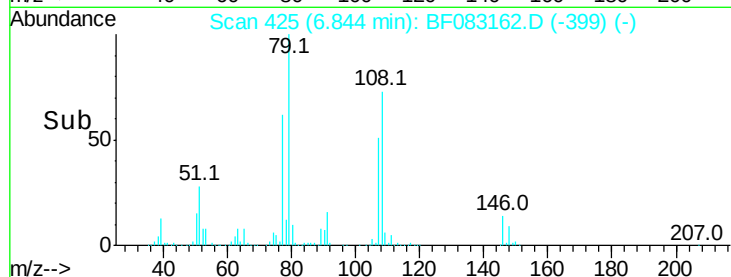
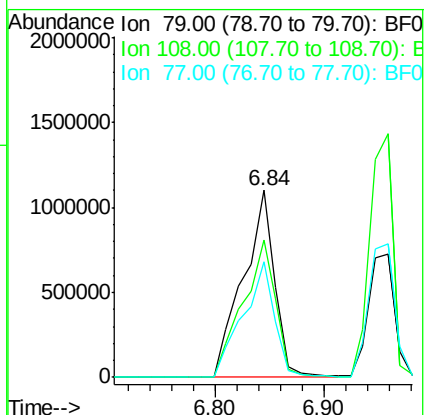
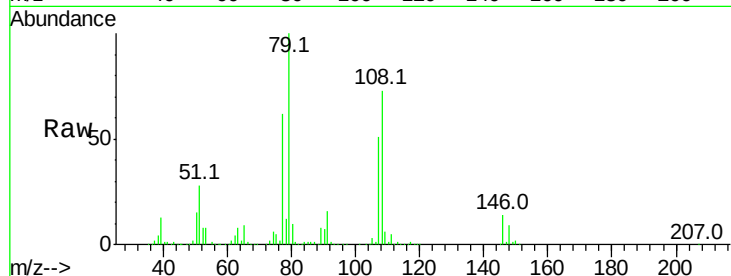
Tot Ion: 79 Resp: 2219391

Ion Ratio Lower Upper

79 100

108 73.5 61.4 92.2

77 62.2 50.5 75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 159.39 ng

RT: 6.96 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

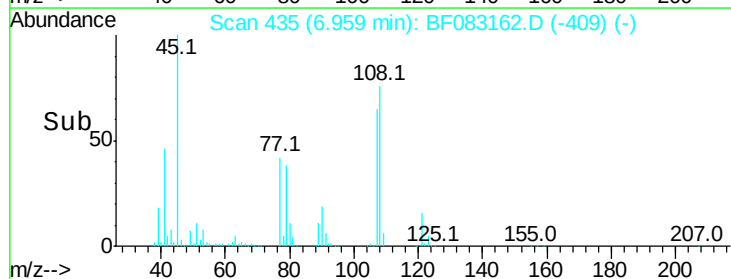
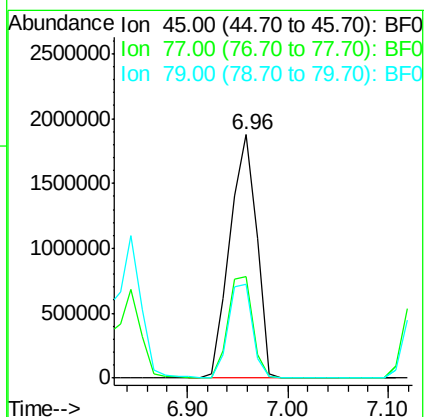
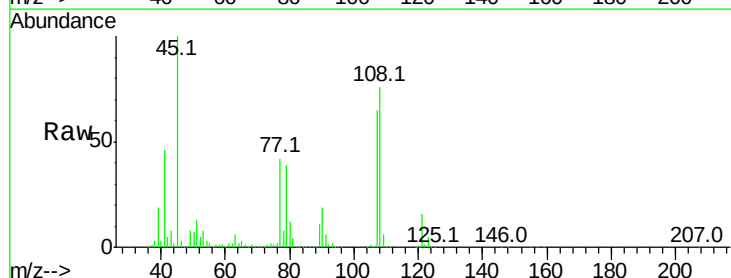
Tgt Ion: 45 Resp: 3459150

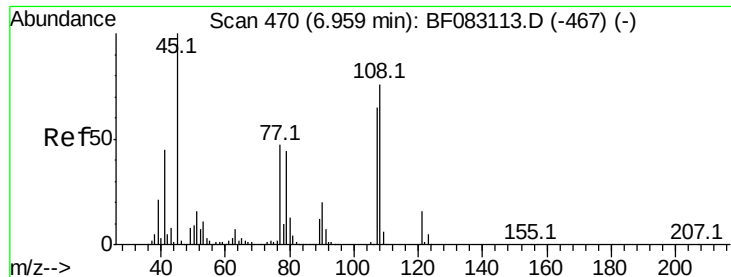
Ion Ratio Lower Upper

45 100

77 41.9 26.7 66.7

79 38.6 24.3 64.3





#17

2-Methylphenol

Concen: 165.03 ng

RT: 6.96 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

Tot Ion:107 Resp: 1837138

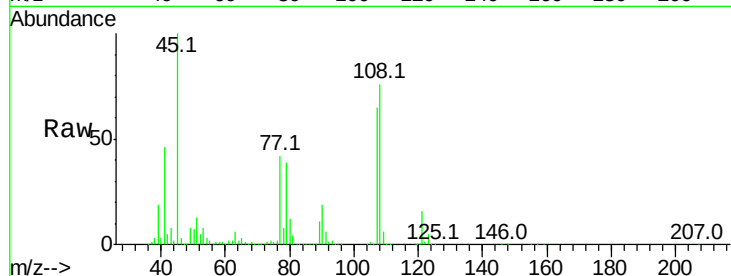
Ion Ratio Lower Upper

107 100

108 116.8 93.8 140.6

77 64.0 57.4 86.0

79 59.0 54.4 81.6

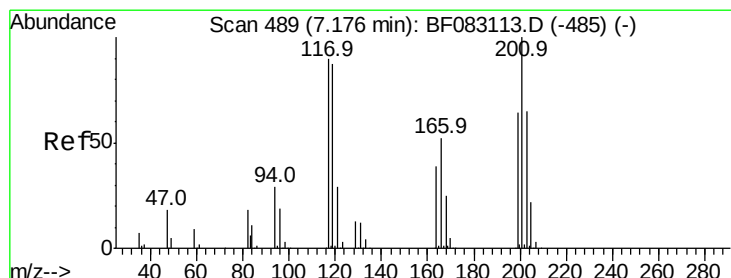
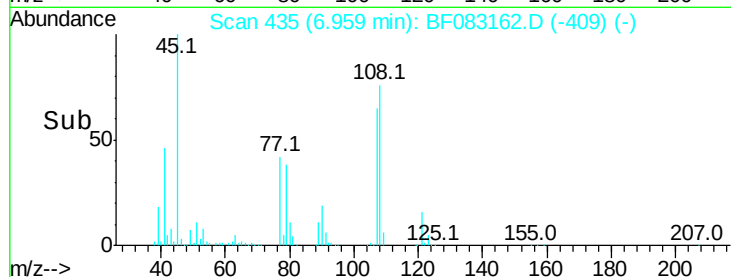
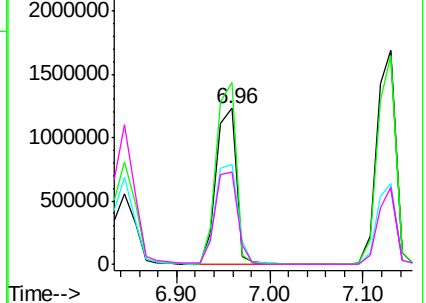


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 167.99 ng

RT: 7.18 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

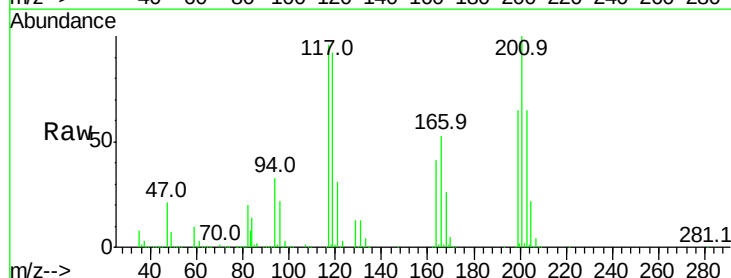
Tgt Ion:117 Resp: 919479

Ion Ratio Lower Upper

117 100

119 96.2 76.8 115.2

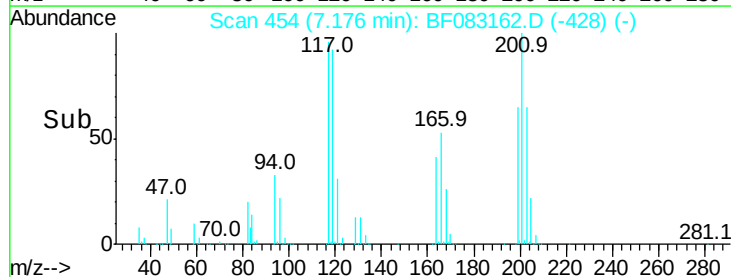
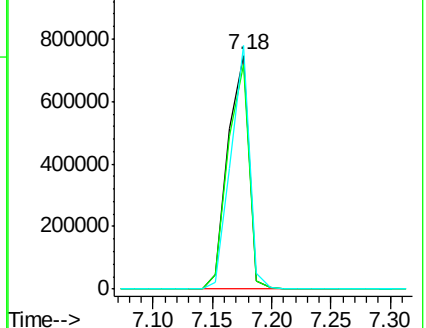
201 104.3 88.6 133.0

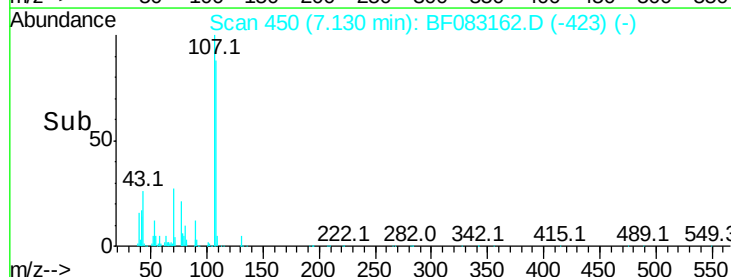
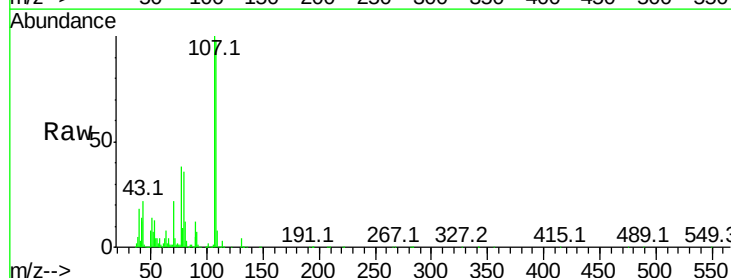
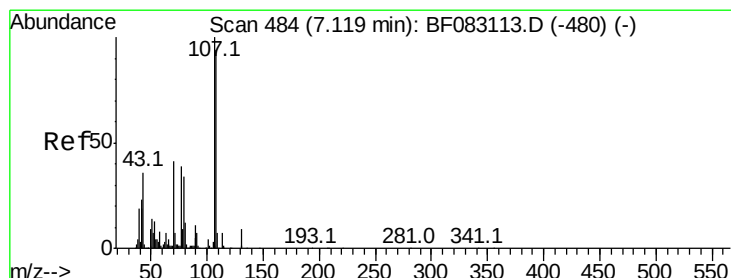
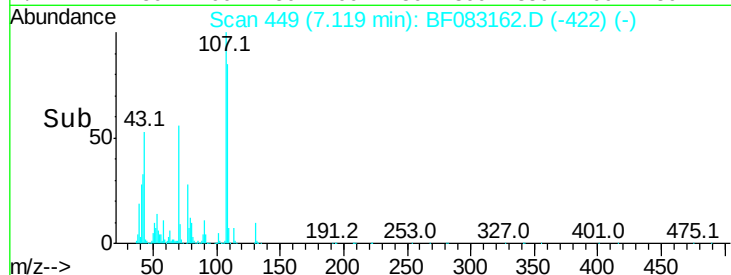
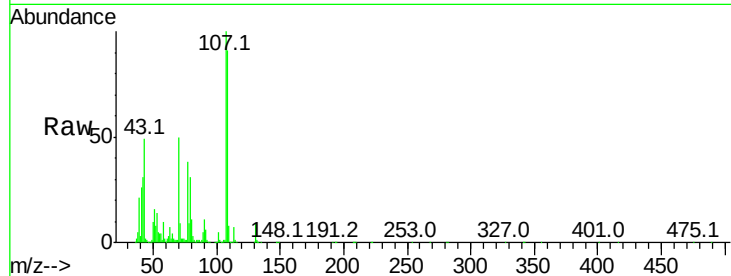
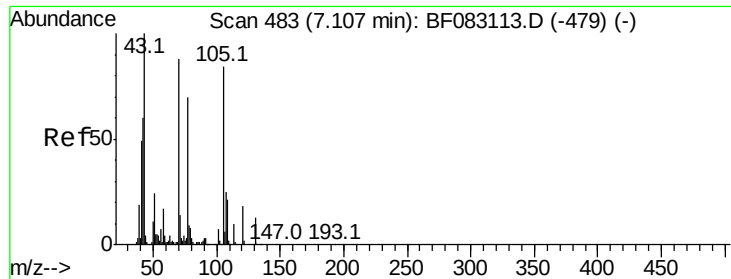


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

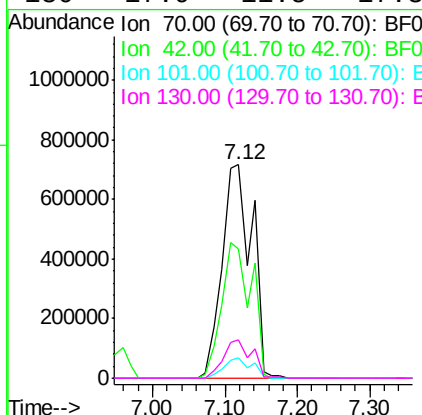




#19
n-Nitroso-di-n-propylamine
Concen: 183.18 ng
RT: 7.12 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

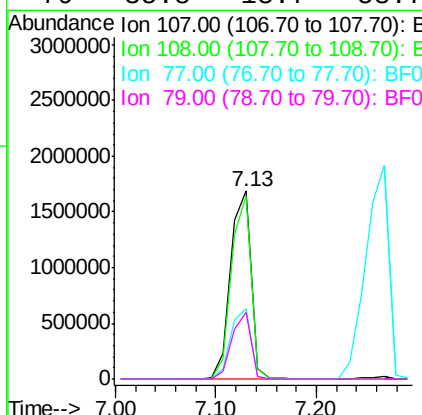
Instrument :
BNA_F
ClientSampleId :
SP3503

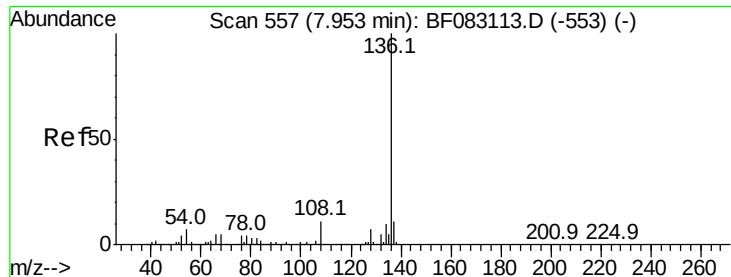
Tot Ion: 70 Resp: 2053937
Ion Ratio Lower Upper
70 100
42 60.4 54.5 81.7
101 9.4 6.6 9.8
130 17.9 11.5 17.3#



#20
3+4-Methylphenols
Concen: 168.24 ng
RT: 7.13 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:107 Resp: 2367649
Ion Ratio Lower Upper
107 100
108 97.6 73.8 113.8
77 37.6 19.1 59.1
79 35.8 13.7 53.7

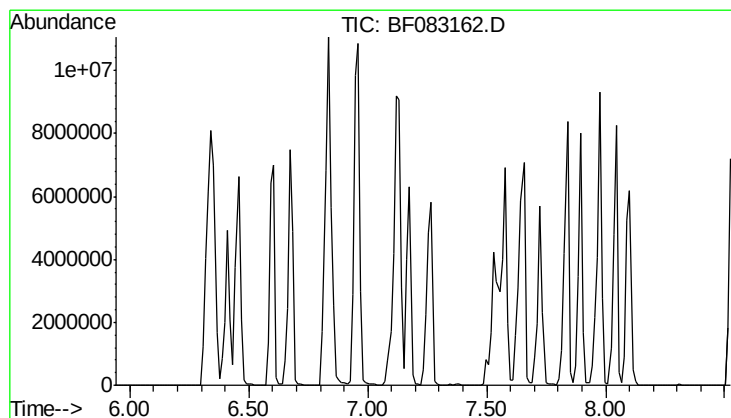
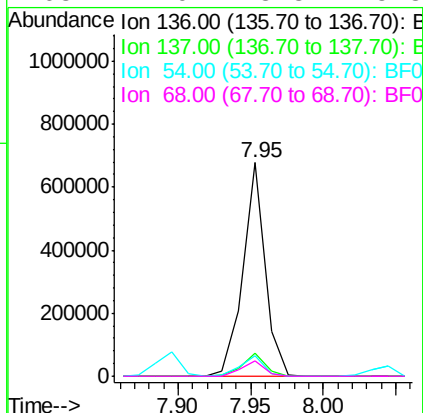
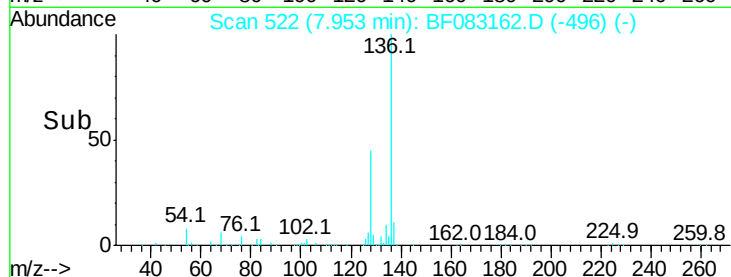
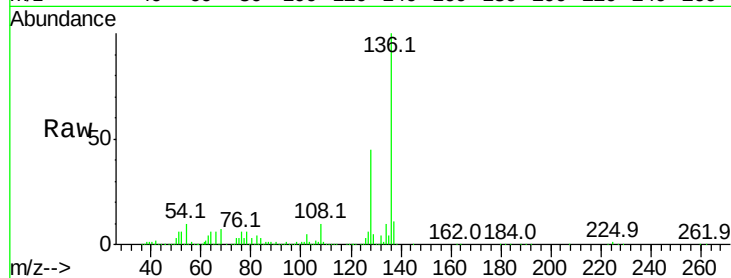




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Instrument :
BNA_F
ClientSampleId :
SP3503

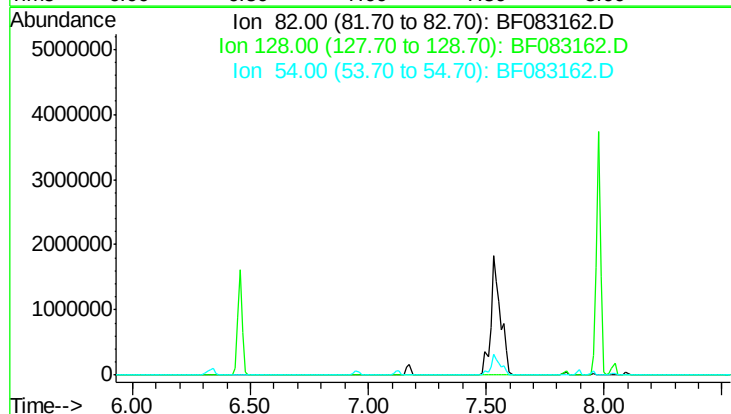
Tot Ion:	136	Resp:	721920
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	9.8	5.8	8.6#
68	7.0	3.8	5.8#

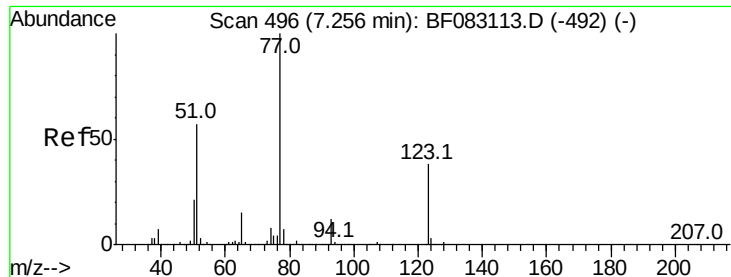


#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 7.23 min

Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:	82
Sig	Exp Ratio
82	100
128	35.6
54	55.8

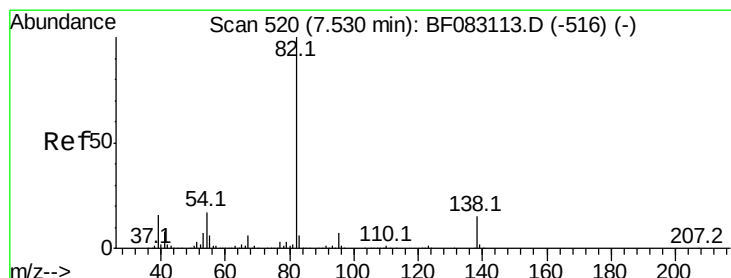
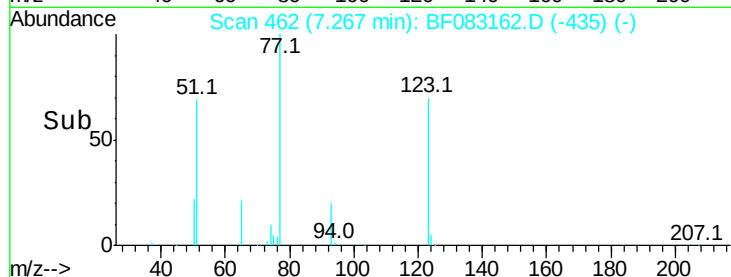
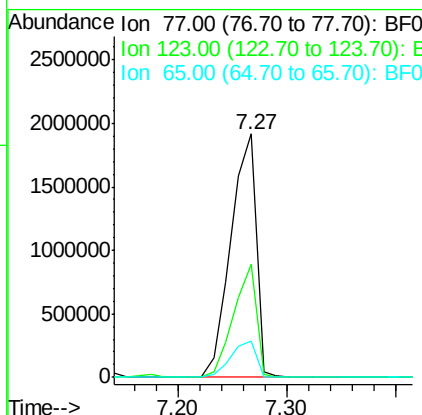
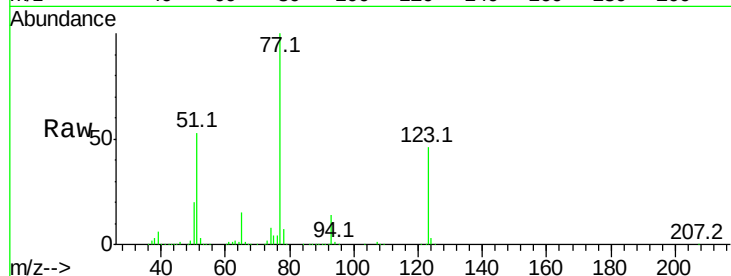




#24
 Nitrobenzene
 Concen: 180.87 ng
 RT: 7.27 min Scan# 462
 Delta R.T. 0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

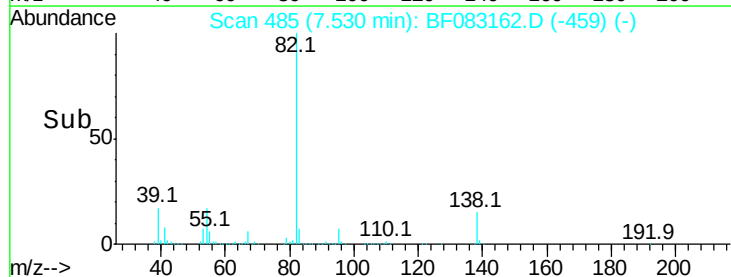
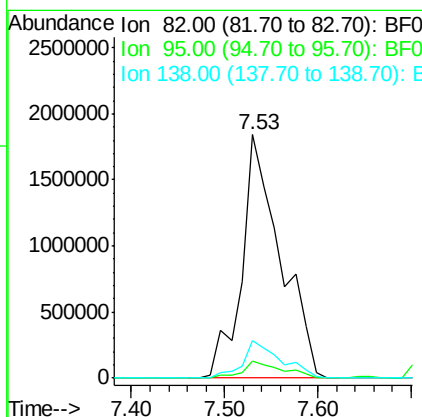
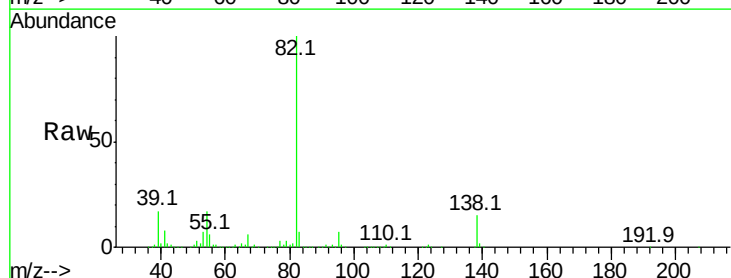
Instrument :
 BNA_F
 ClientSampleId :
 SP3503

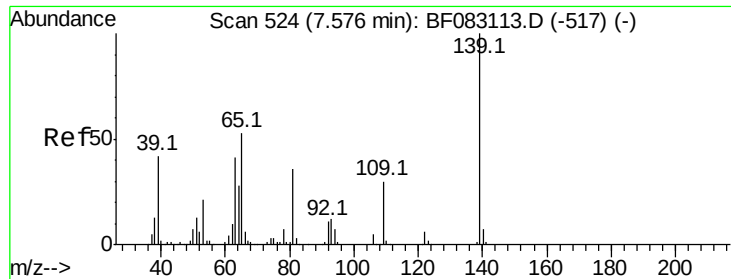
Tot Ion: 77 Resp: 3053311
 Ion Ratio Lower Upper
 77 100
 123 46.4 30.1 45.1#
 65 14.7 11.6 17.4



#25
 Isophorone
 Concen: 177.44 ng
 RT: 7.53 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion: 82 Resp: 5307997
 Ion Ratio Lower Upper
 82 100
 95 6.9 5.8 8.8
 138 15.2 11.6 17.4

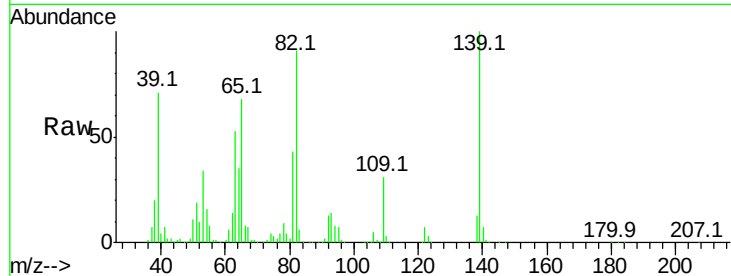




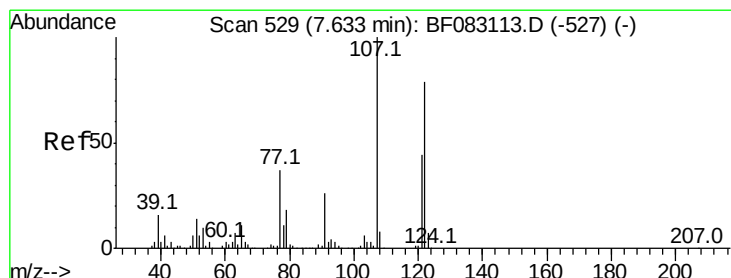
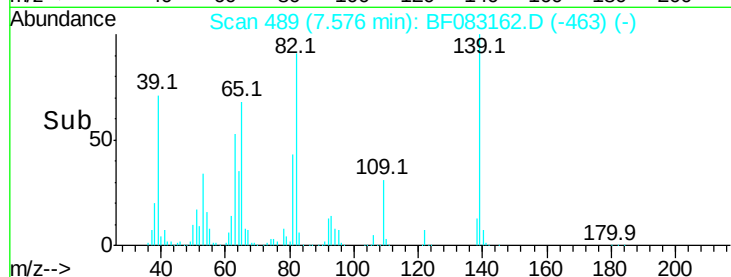
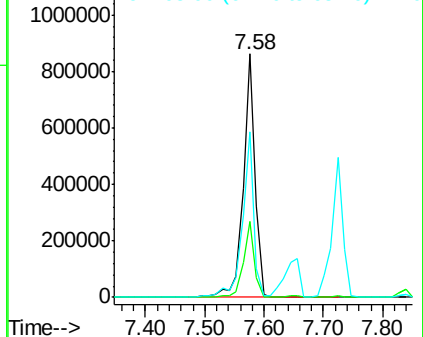
#26
2-Nitrophenol
Concen: 160.18 ng
RT: 7.58 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Instrument :
BNA_F
ClientSampleId :
SP3503

Tot Ion:139 Resp: 1193762
Ion Ratio Lower Upper
139 100
109 31.2 23.9 35.9
65 68.2 42.7 64.1#

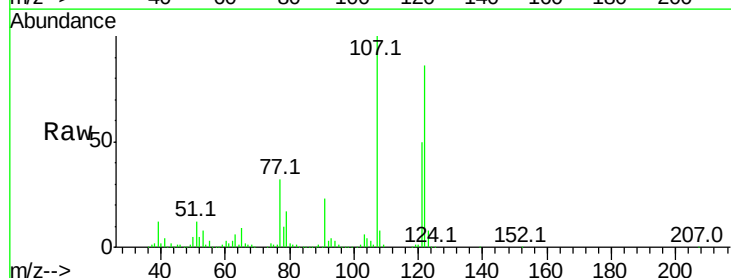


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

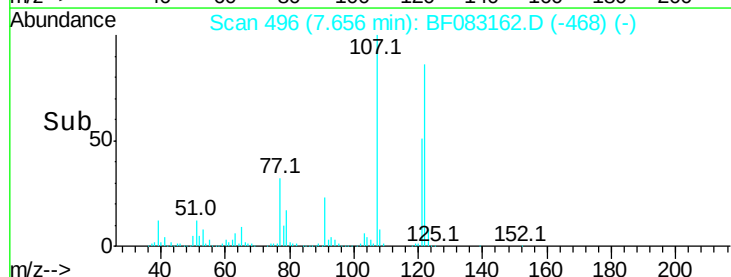
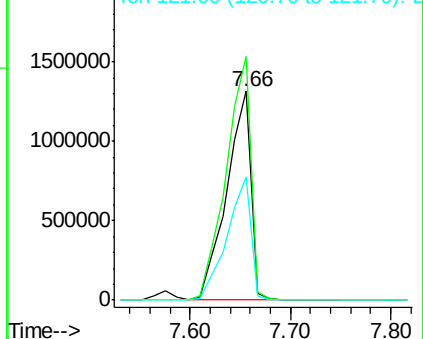


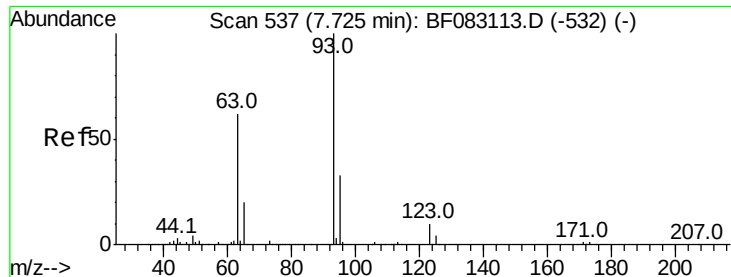
#27
2,4-Dimethylphenol
Concen: 185.59 ng
RT: 7.66 min Scan# 496
Delta R.T. 0.02 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:122 Resp: 2207434
Ion Ratio Lower Upper
122 100
107 116.5 101.1 151.7
121 58.8 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

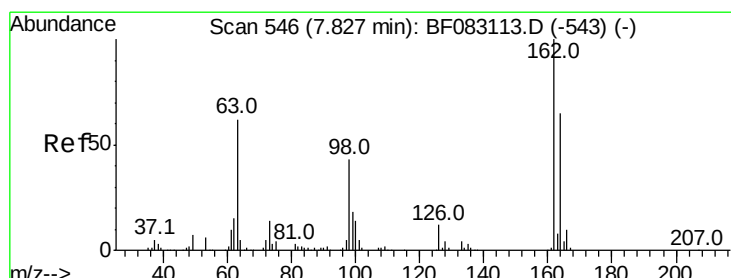
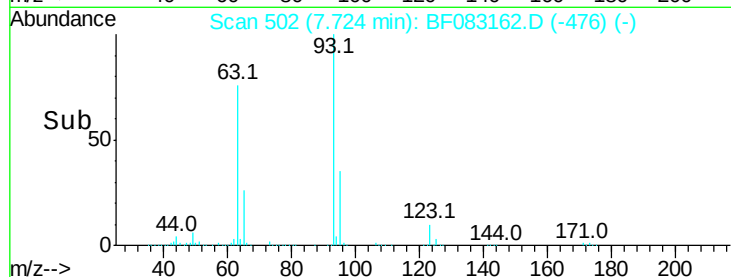
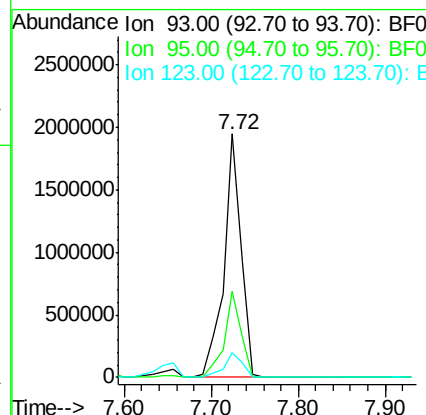
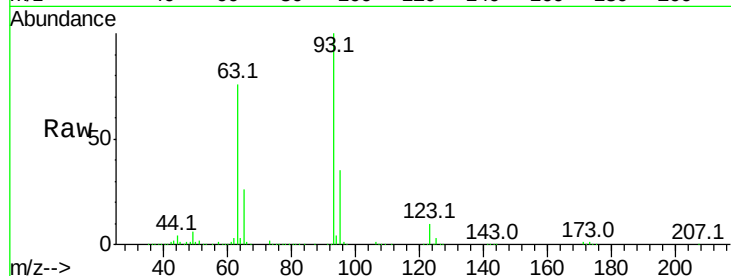




#28
bis(2-Chloroethoxy)methane
Concen: 154.50 ng
RT: 7.72 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

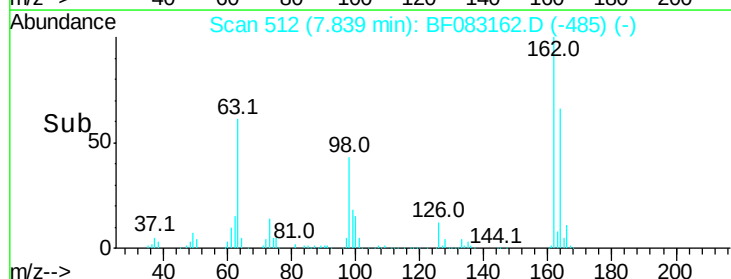
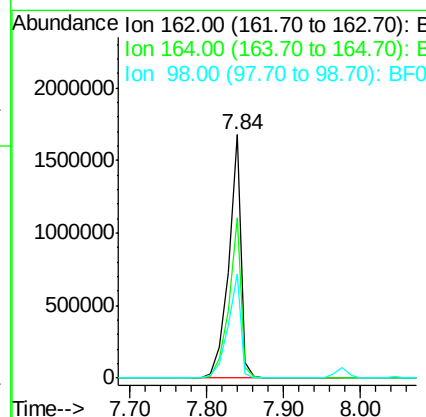
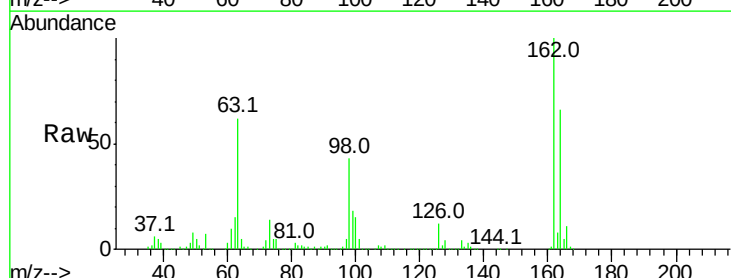
Instrument :
BNA_F
ClientSampleId :
SP3503

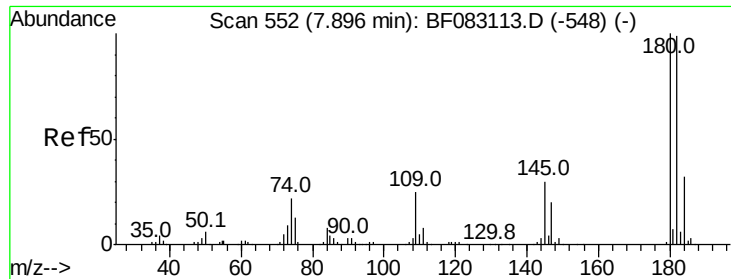
Tot Ion: 93 Resp: 2687115
Ion Ratio Lower Upper
93 100
95 35.4 26.5 39.7
123 10.0 8.1 12.1



#29
2,4-Dichlorophenol
Concen: 168.97 ng
RT: 7.84 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:162 Resp: 1911461
Ion Ratio Lower Upper
162 100
164 66.0 44.8 84.8
98 43.0 23.1 63.1

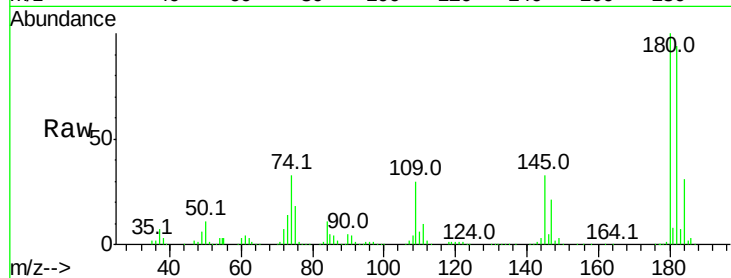




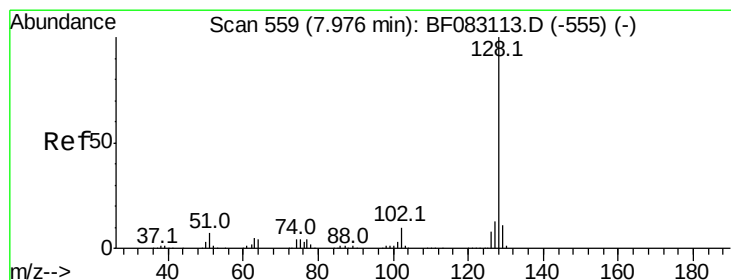
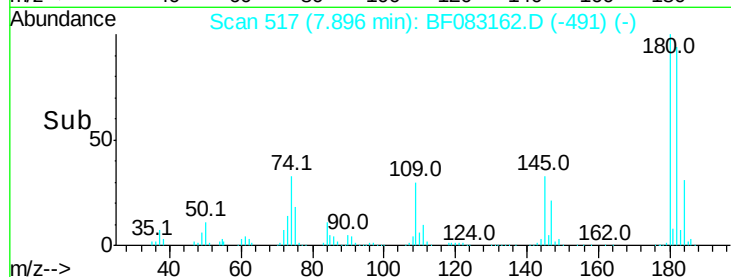
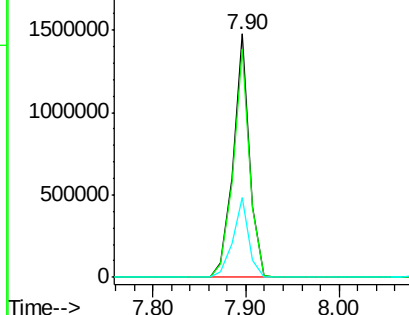
#30
 1,2,4-Trichlorobenzene
 Concen: 144.45 ng
 RT: 7.90 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 SP3503

Tot Ion:180 Resp: 1794883
 Ion Ratio Lower Upper
 180 100
 182 93.8 79.0 118.6
 145 32.8 24.2 36.2

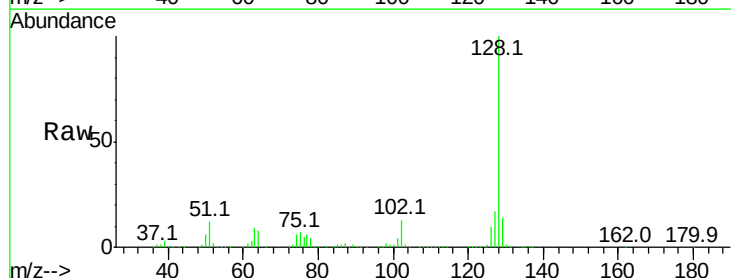


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

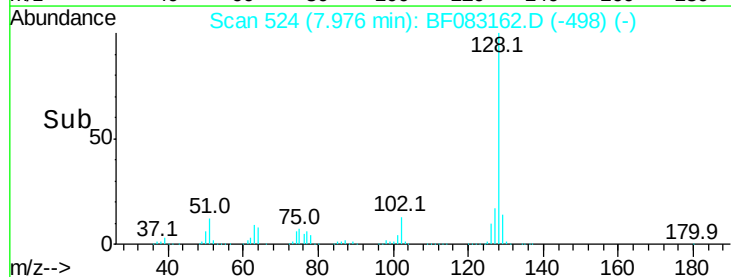
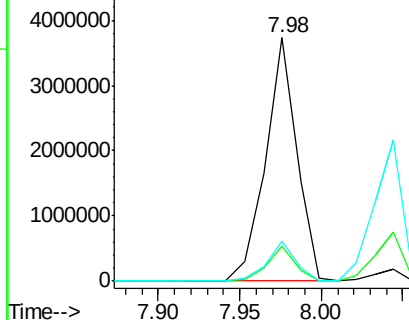


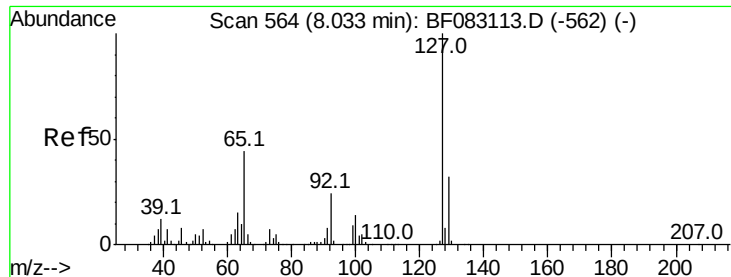
#31
 Naphthalene
 Concen: 127.67 ng
 RT: 7.98 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion:128 Resp: 4974017
 Ion Ratio Lower Upper
 128 100
 129 14.3 9.0 13.4#
 127 16.7 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



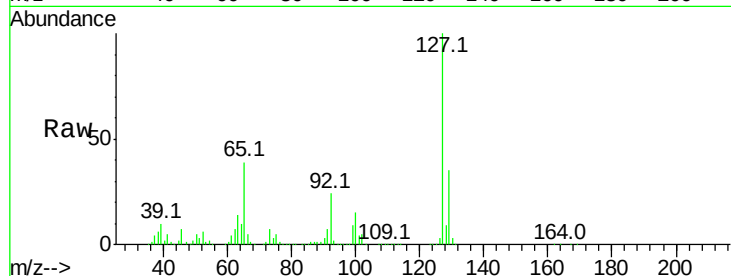


#33
4-Chloroaniline
Concen: 174.78 ng
RT: 8.04 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Instrument :
BNA_F
ClientSampleId :
SP3503

Tot Ion:127 Resp: 2642068

Ion	Ratio	Lower	Upper
127	100		
129	34.9	25.7	38.5
65	39.4	35.5	53.3
92	23.6	19.4	29.2



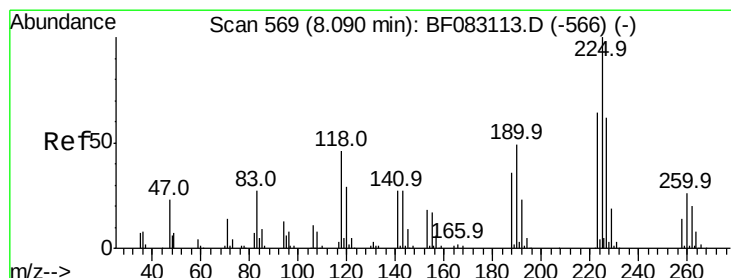
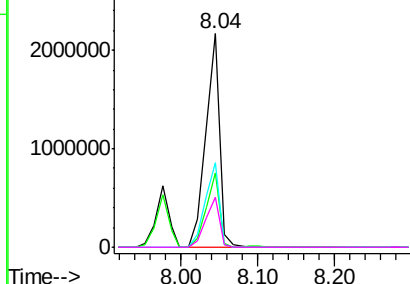
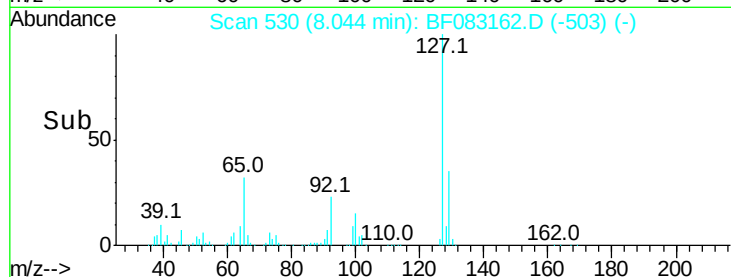
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

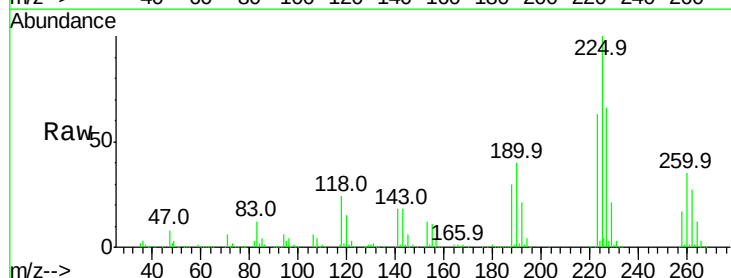
Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 154.66 ng
RT: 8.10 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:225 Resp: 1135723

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.3	76.9
227	65.7	49.8	74.8

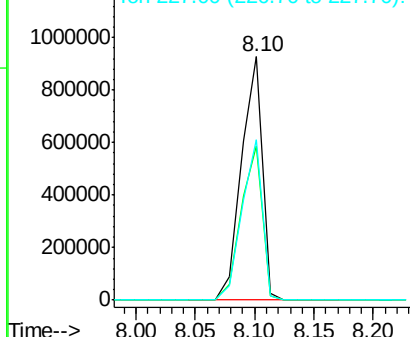
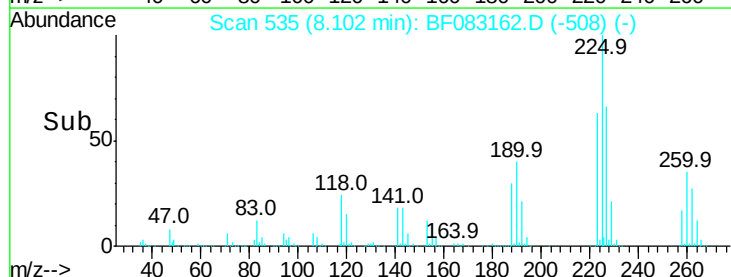


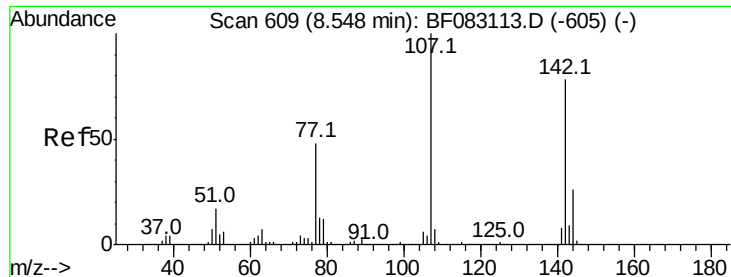
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

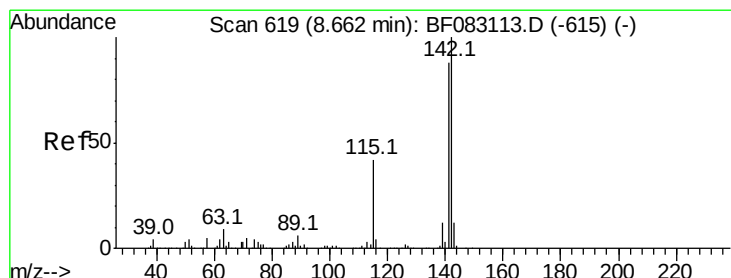
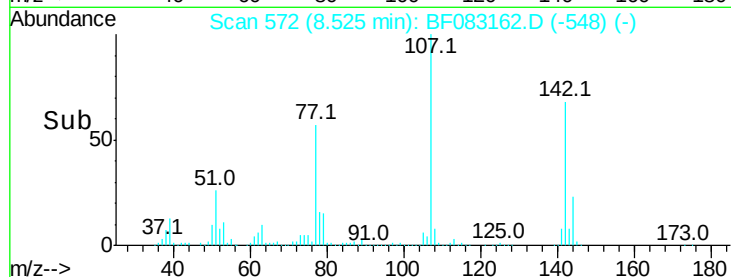
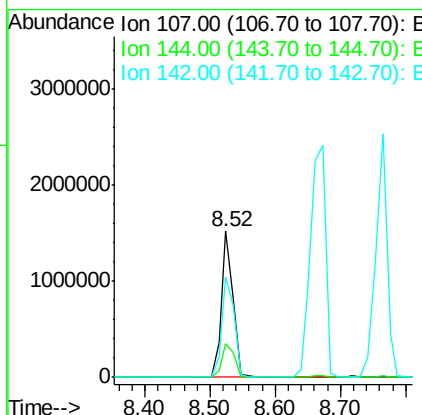
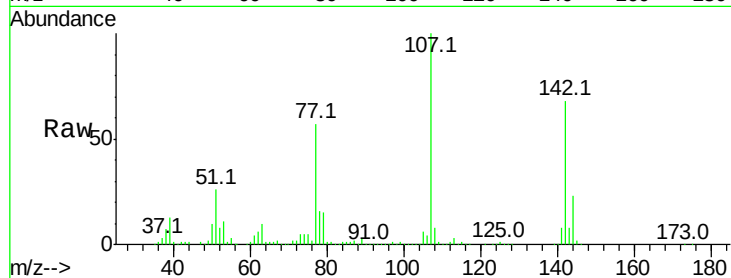




#36
 4-Chloro-3-methylphenol
 Concen: 144.69 ng
 RT: 8.52 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

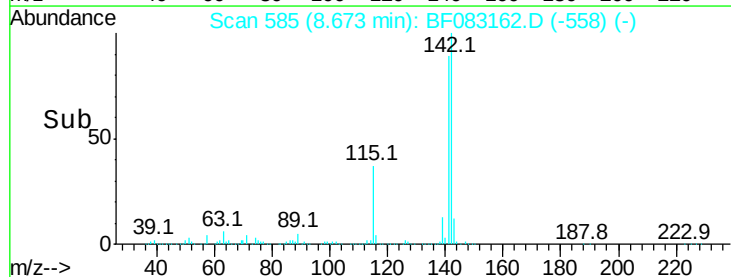
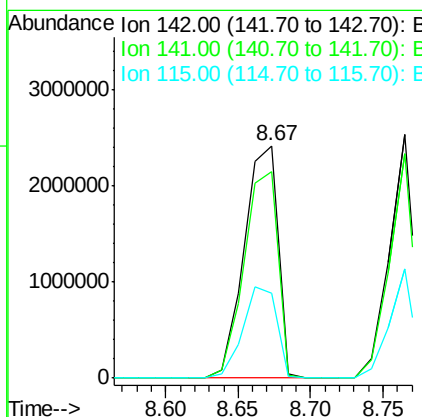
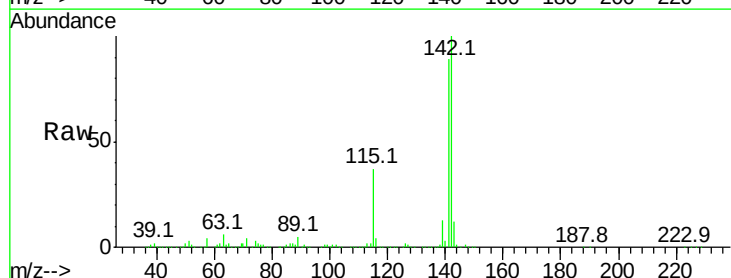
Instrument :
 BNA_F
 ClientSampleId :
 SP3503

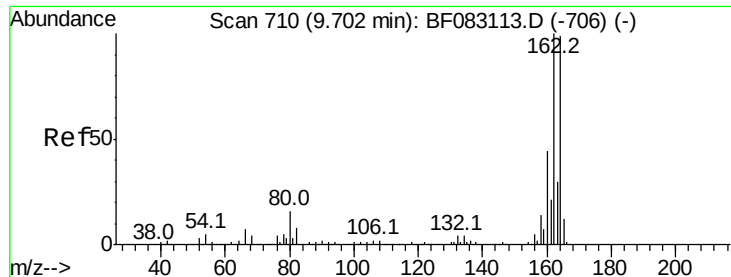
Tot Ion:107 Resp: 1895907
 Ion Ratio Lower Upper
 107 100
 144 22.7 20.8 31.2
 142 68.2 62.1 93.1



#37
 2-Methylnaphthalene
 Concen: 154.55 ng
 RT: 8.67 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion:142 Resp: 3907937
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.3 105.5
 115 36.6 33.4 50.2

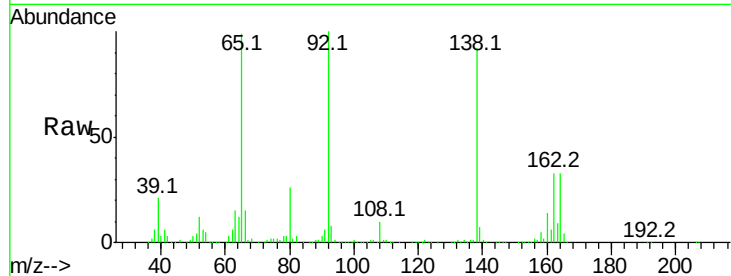




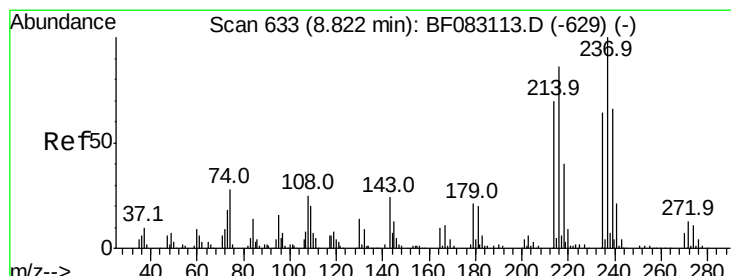
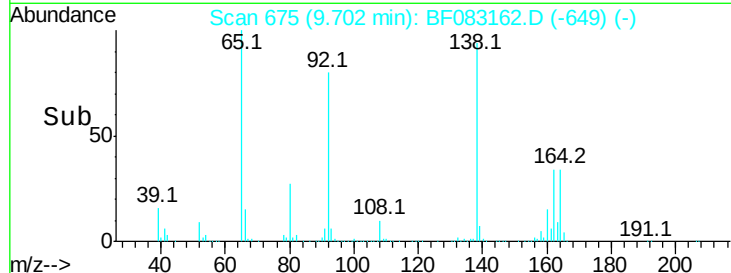
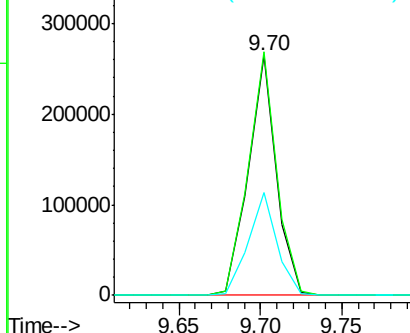
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Instrument :
BNA_F
ClientSampleId :
SP3503

Tot Ion:164 Resp: 315022
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 43.1 35.6 53.4

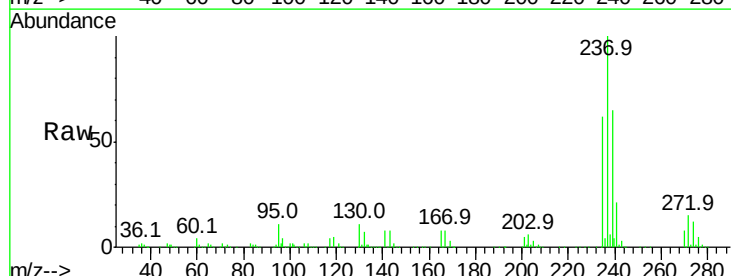


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

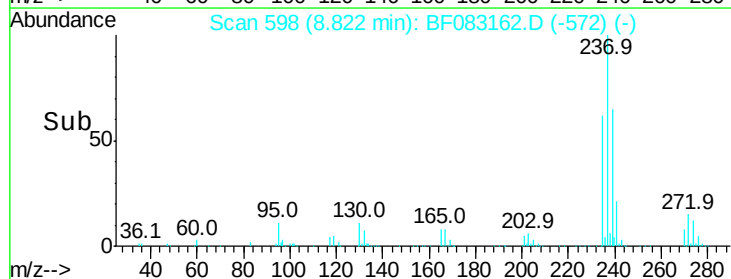
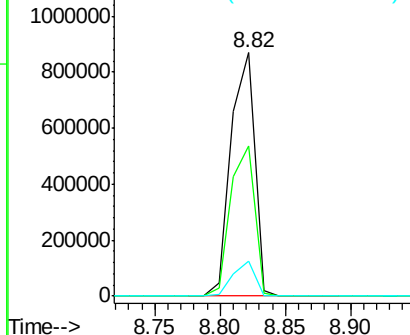


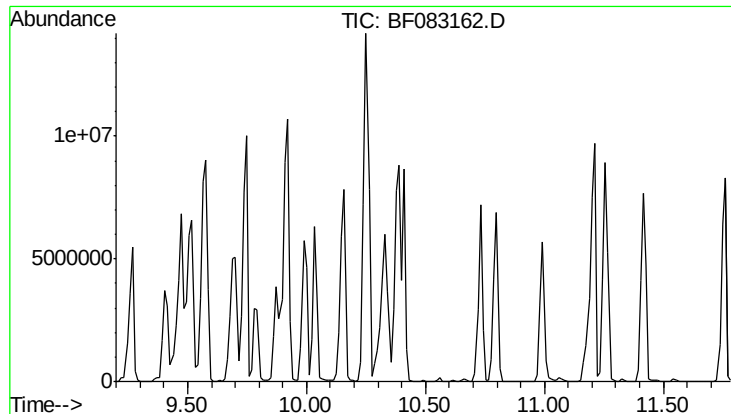
#40
Hexachlorocyclopentadiene
Concen: 189.24 ng
RT: 8.82 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:237 Resp: 1098713
Ion Ratio Lower Upper
237 100
235 61.7 43.5 83.5
272 14.6 0.0 33.1



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

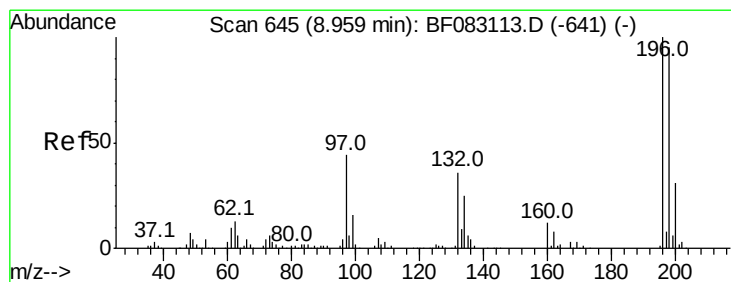
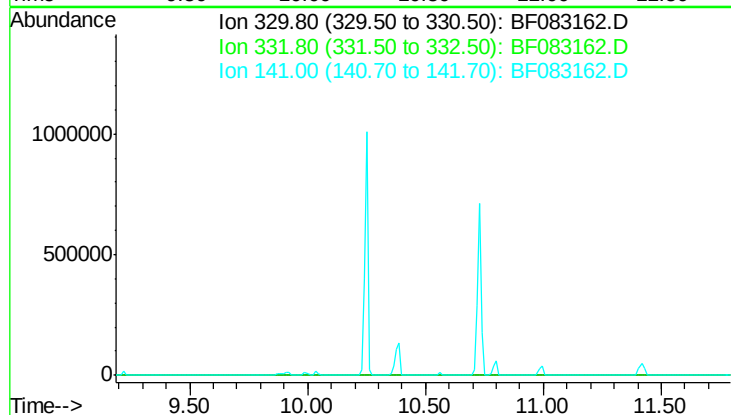




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.49 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

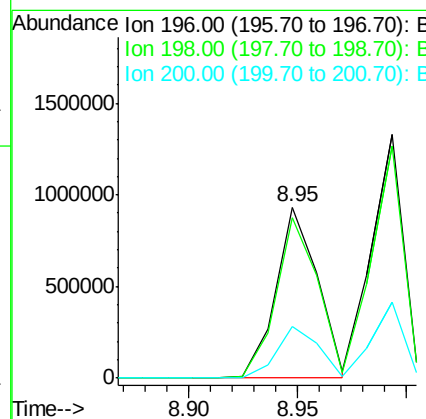
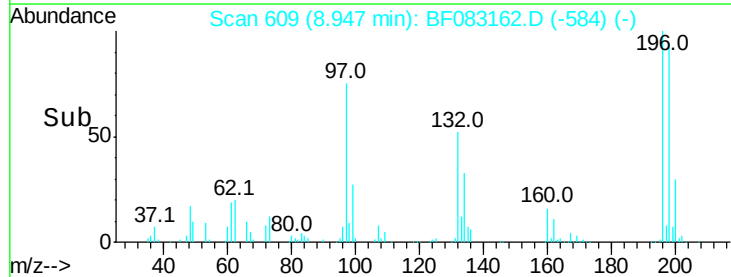
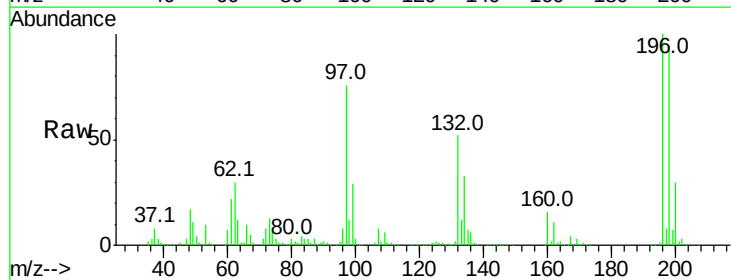
Instrument :
 BNA_F
 ClientSampleId :
 SP3503

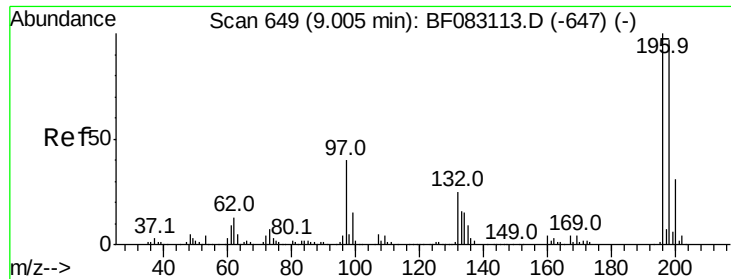
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 97.1
 141 37.1



#42
 2,4,6-Trichlorophenol
 Concen: 170.24 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion:196 Resp: 1244869
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.9 113.9
 200 30.3 24.5 36.7

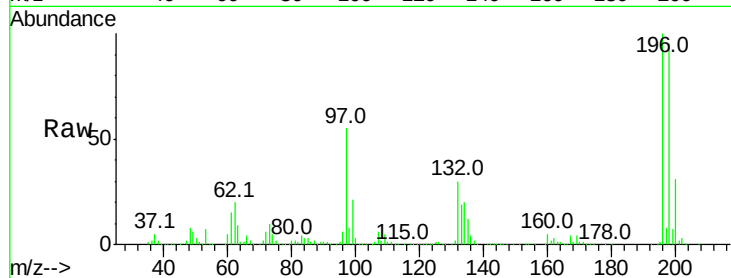




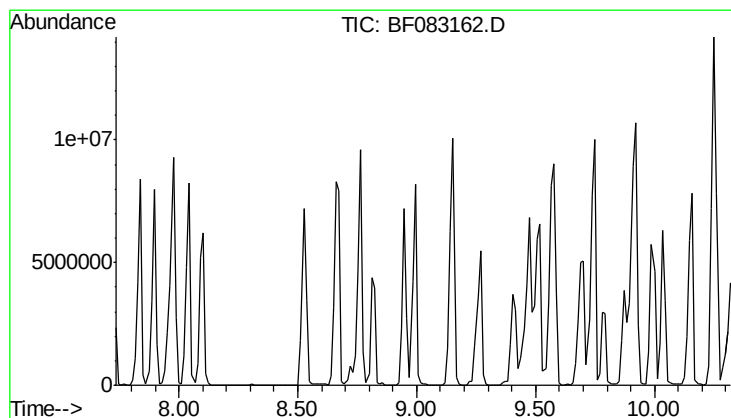
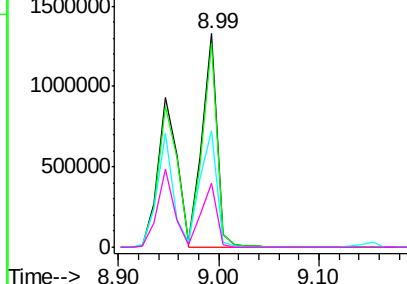
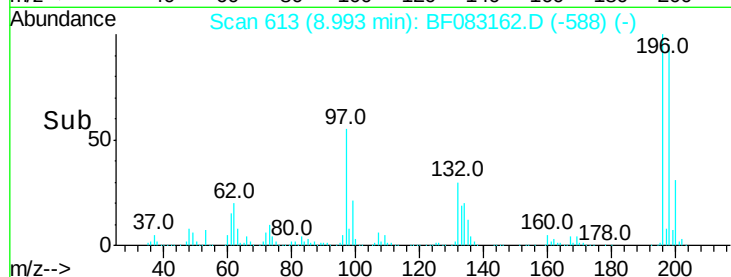
#43
 2,4,5-Trichlorophenol
 Concen: 183.96 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 SP3503

Tot Ion:196 Resp: 1375419
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.6 116.4
 97 54.7 32.6 48.8#
 132 29.8 19.8 29.8#



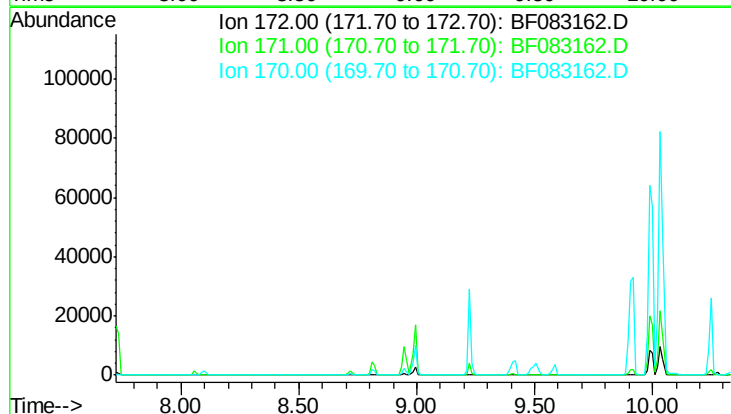
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

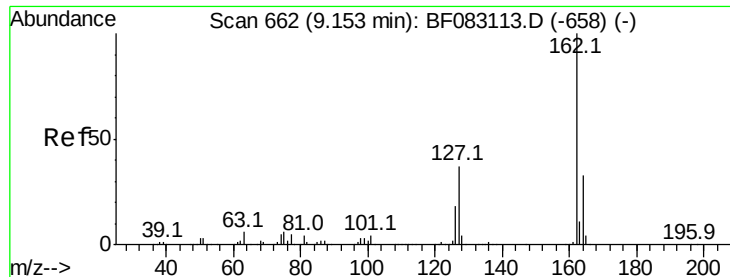


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.03 min

Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.9
 170 24.9





#46

2-Chloronaphthalene

Concen: 168.50 ng

RT: 9.15 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

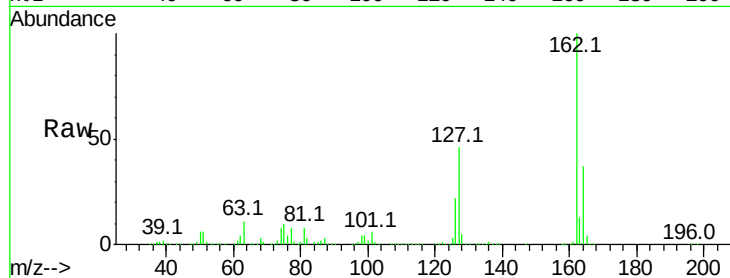
Tot Ion:162 Resp: 3548524

Ion Ratio Lower Upper

162 100

127 45.5 29.4 44.2#

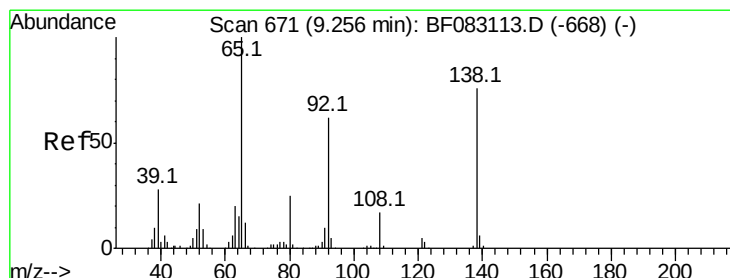
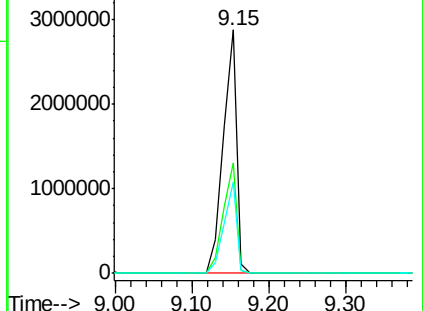
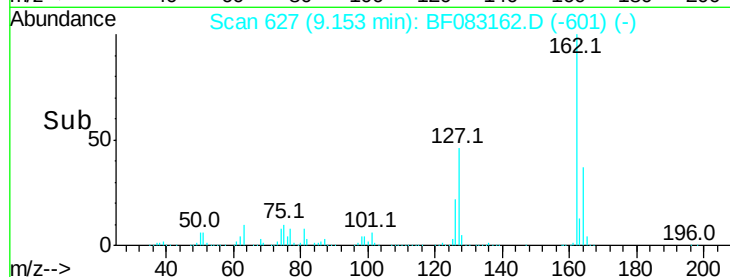
164 37.3 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 202.99 ng

RT: 9.27 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

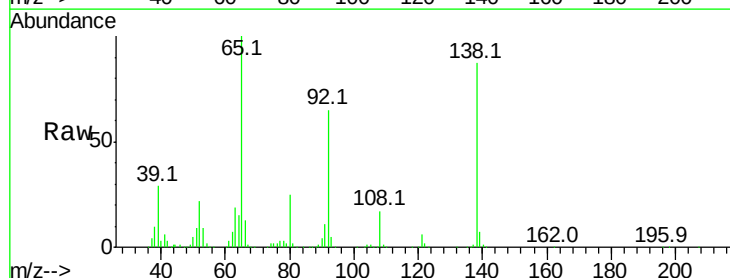
Tgt Ion: 65 Resp: 1512212

Ion Ratio Lower Upper

65 100

92 65.0 49.5 74.3

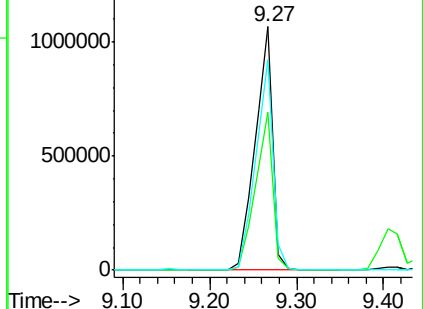
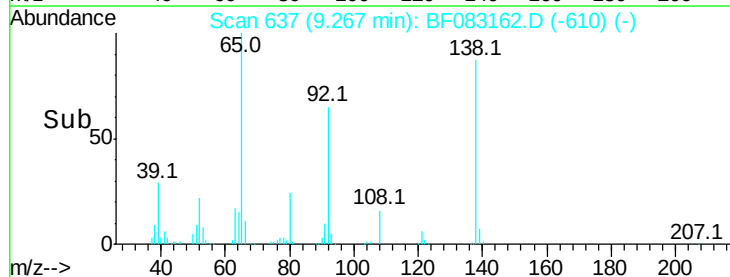
138 86.5 60.7 91.1

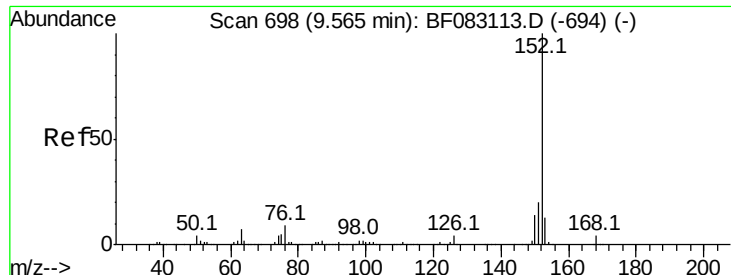


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 165.22 ng

RT: 9.58 min Scan# 664

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

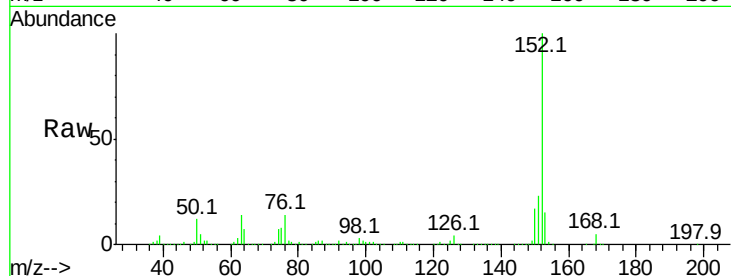
Tot Ion:152 Resp: 5392438

Ion Ratio Lower Upper

152 100

151 23.4 16.3 24.5

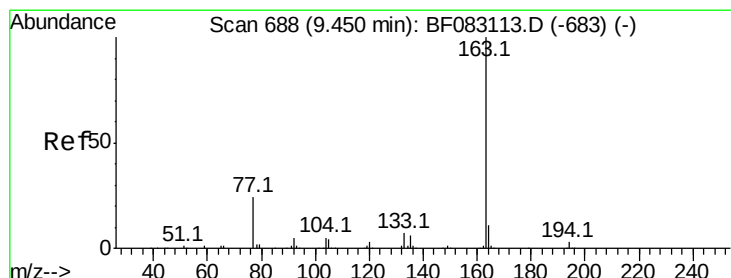
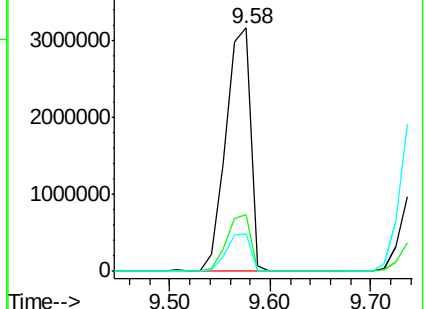
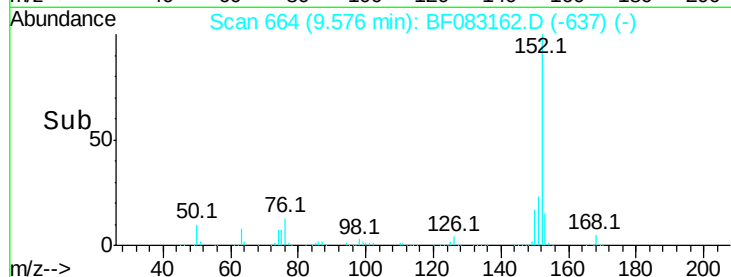
153 15.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 177.26 ng

RT: 9.47 min Scan# 655

Delta R.T. 0.02 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

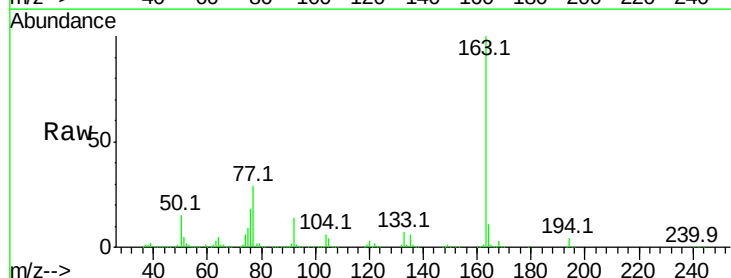
Tgt Ion:163 Resp: 4299082

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

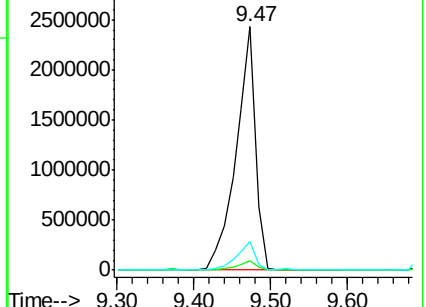
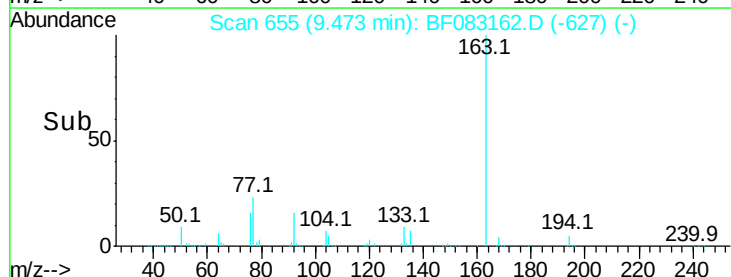
164 11.5 8.6 12.8

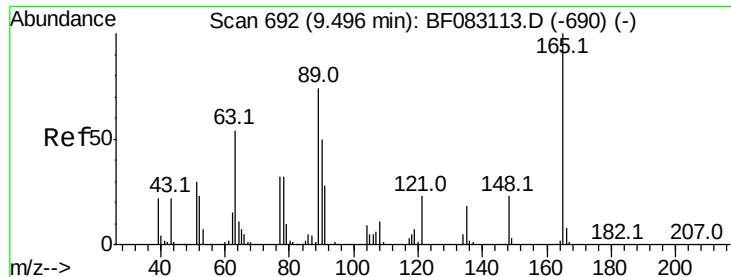


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

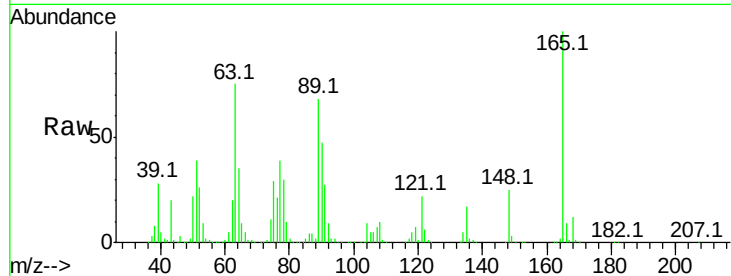




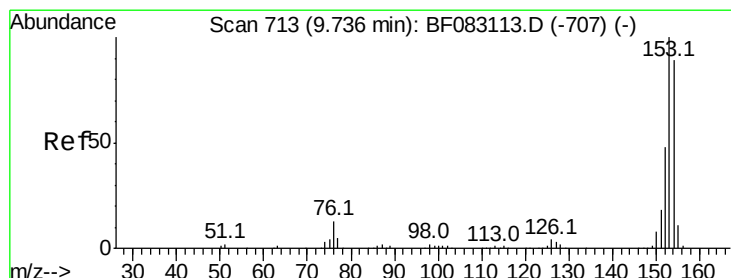
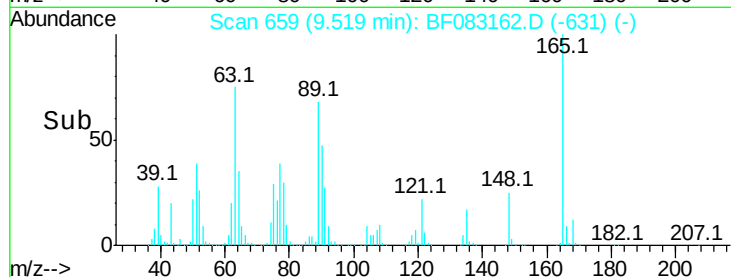
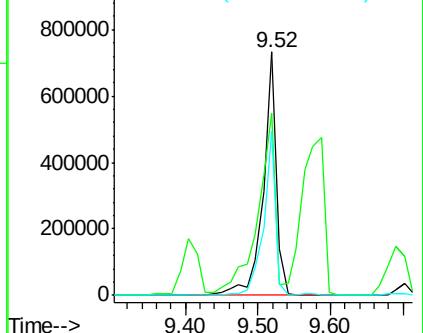
#50
 2,6-Dinitrotoluene
 Concen: 175.88 ng
 RT: 9.52 min Scan# 659
 Delta R.T. 0.02 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Instrument :
 BNA_F
 ClientSampleID :
 SP3503

Tot Ion:165 Resp: 957133
 Ion Ratio Lower Upper
 165 100
 63 74.9 62.5 93.7
 89 67.6 59.1 88.7

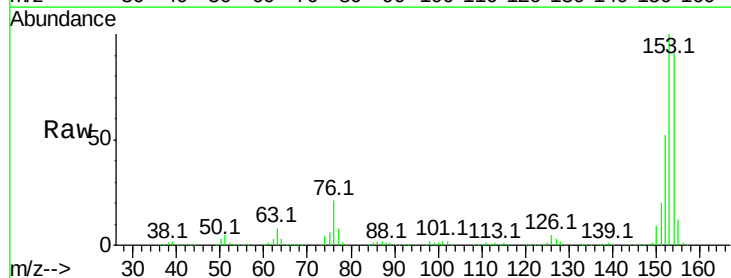


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

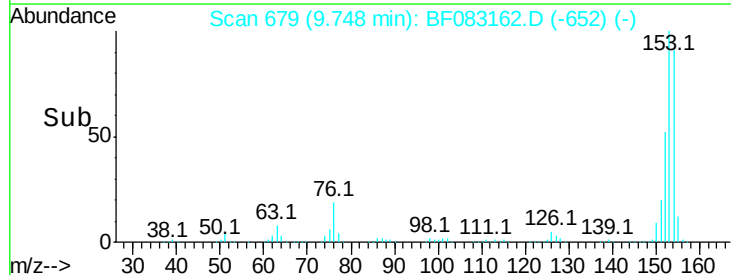
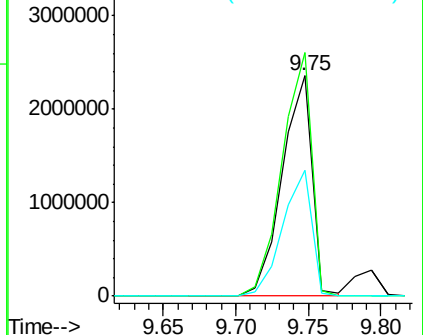


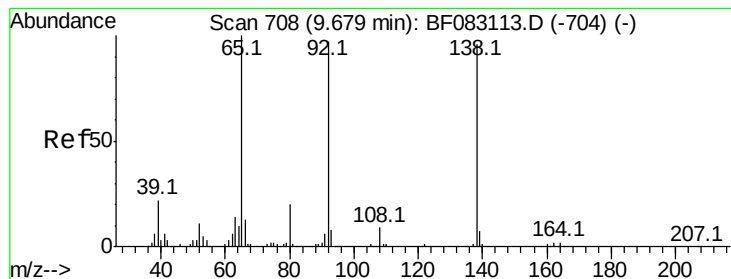
#51
 Acenaphthene
 Concen: 168.06 ng
 RT: 9.75 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion:154 Resp: 3338147
 Ion Ratio Lower Upper
 154 100
 153 110.4 89.6 134.4
 152 57.0 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: 224.23 ng

RT: 9.70 min Scan# 675

Delta R.T. 0.02 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampled :

SP3503

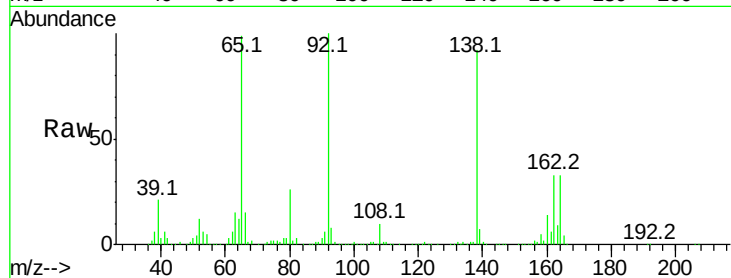
Tot Ion:138 Resp: 1300944

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.6

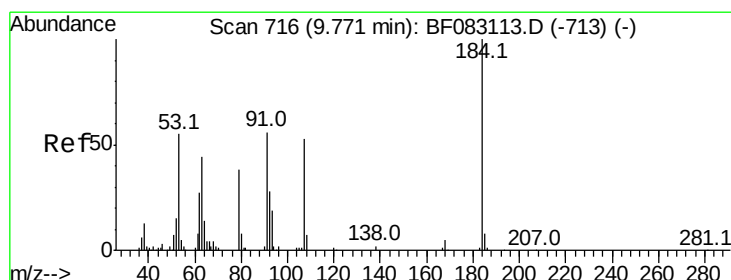
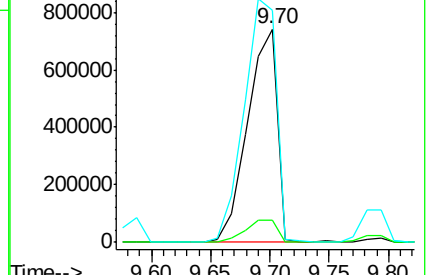
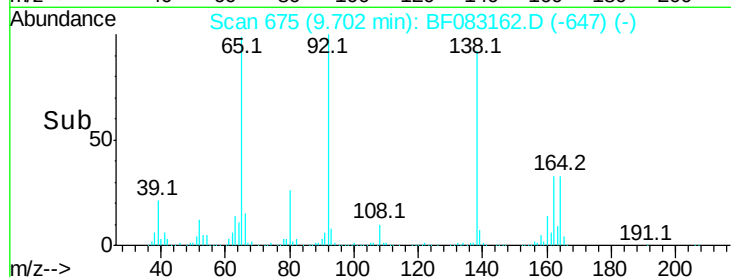
92 109.2 81.1 121.7



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: 203.25 ng

RT: 9.79 min Scan# 683

Delta R.T. 0.02 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

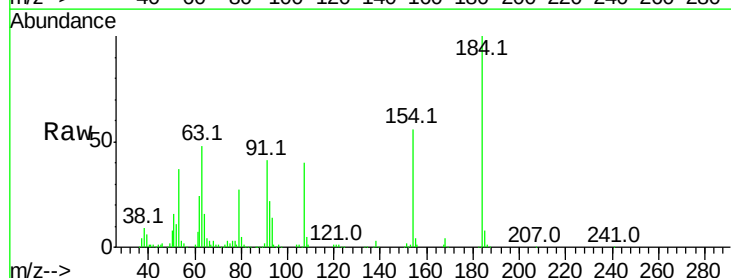
Tgt Ion:184 Resp: 637232

Ion Ratio Lower Upper

184 100

63 48.4 60.5 90.7#

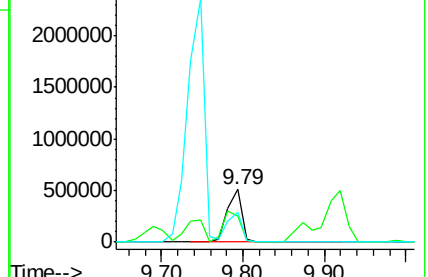
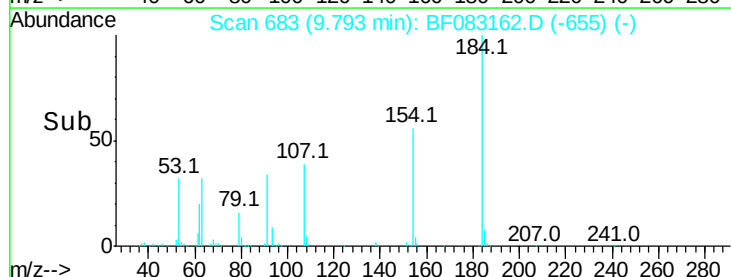
154 55.8 54.3 81.5

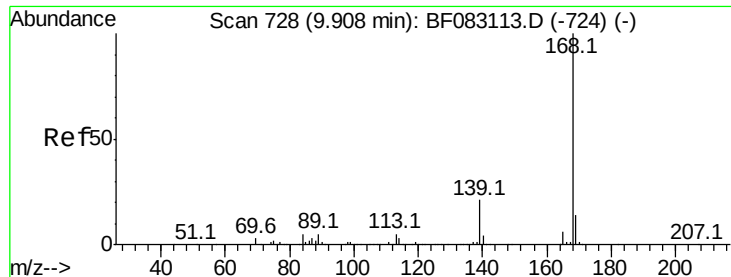


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 165.07 ng

RT: 9.92 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

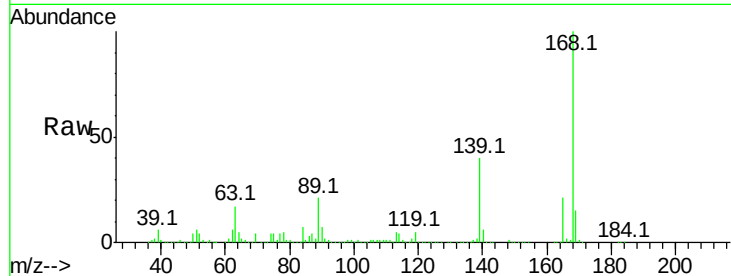
Tot Ion:168 Resp: 4636120

Ion Ratio Lower Upper

168 100

139 39.8 30.2 45.2

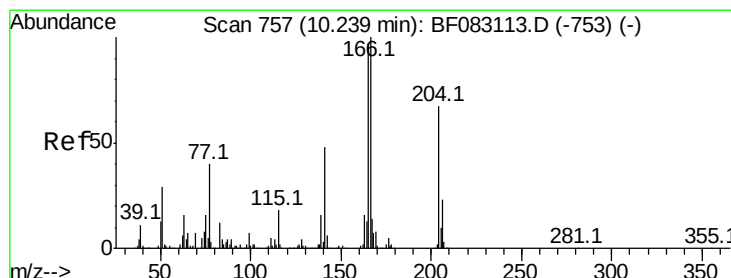
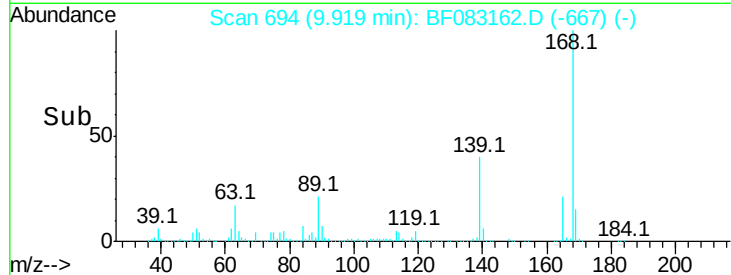
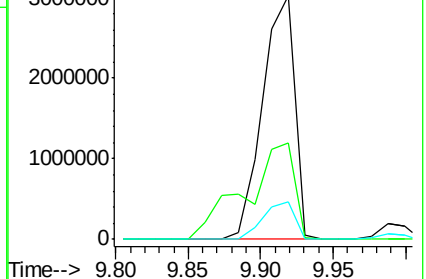
169 15.2 10.9 16.3



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



#57

Fluorene

Concen: 154.12 ng

RT: 10.26 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

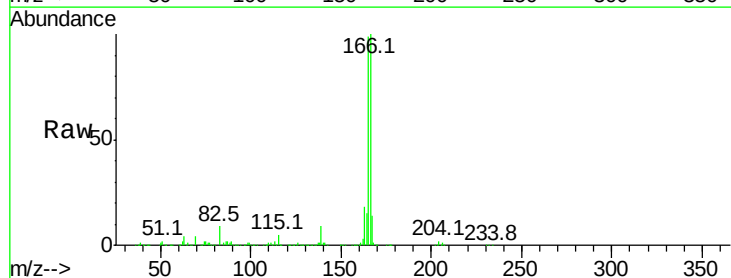
Tgt Ion:166 Resp: 3577132

Ion Ratio Lower Upper

166 100

165 98.8 78.0 117.0

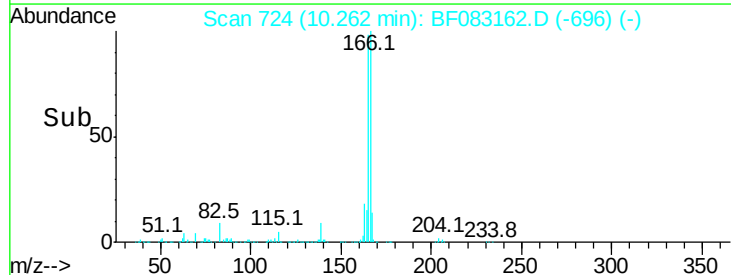
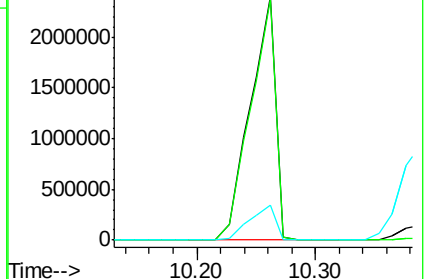
167 14.3 11.3 16.9

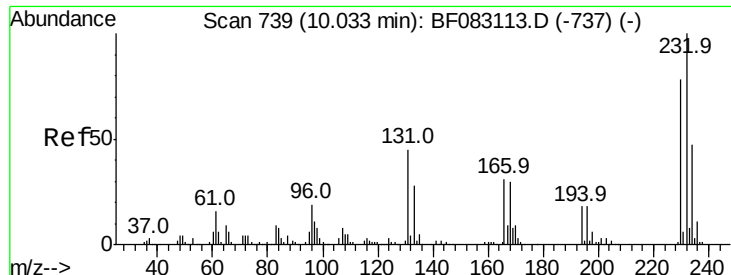


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

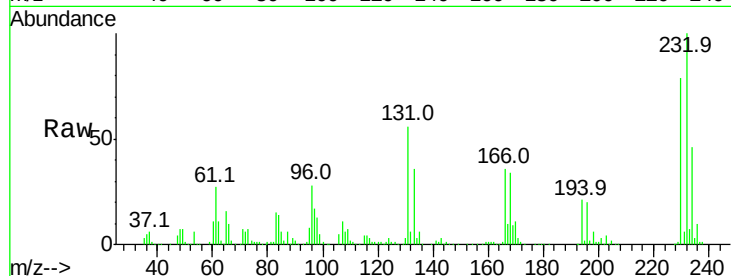




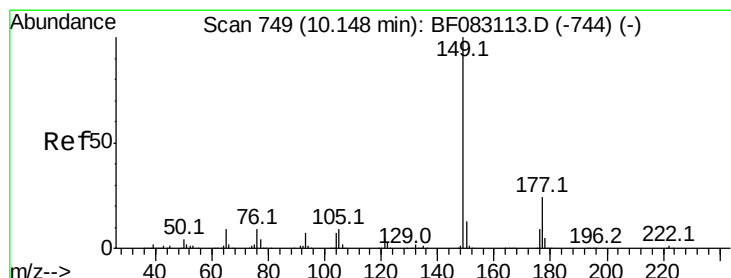
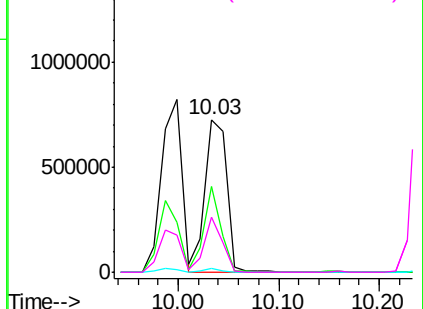
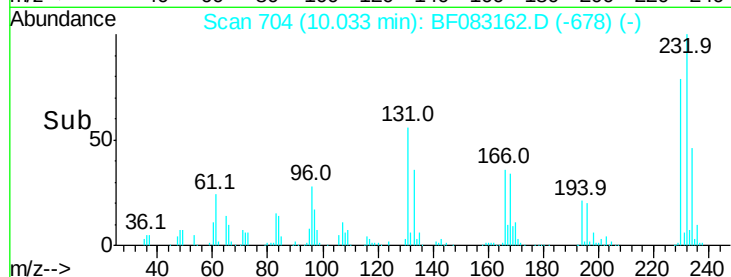
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 178.01 ng
 RT: 10.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 SP3503

Tot Ion:232 Resp: 1091842
 Ion Ratio Lower Upper
 232 100
 131 44.2 38.6 57.8
 130 2.1 1.9 2.9
 166 29.7 25.4 38.0

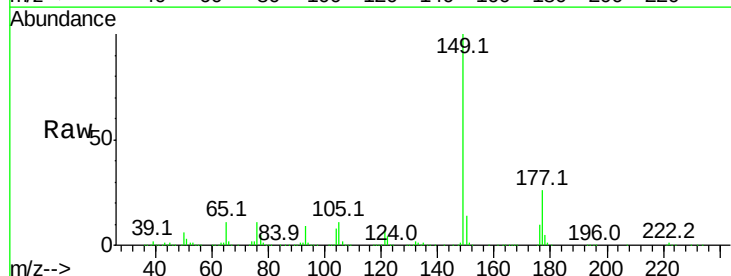


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

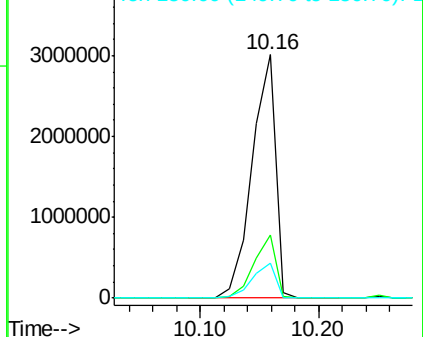
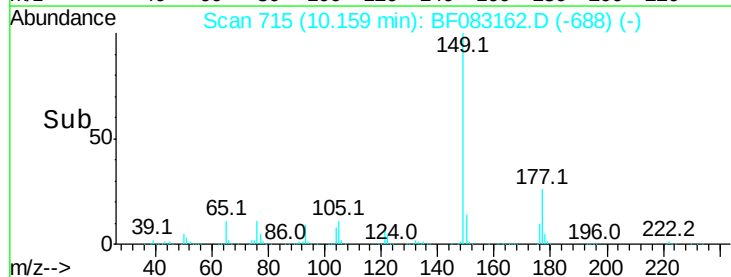


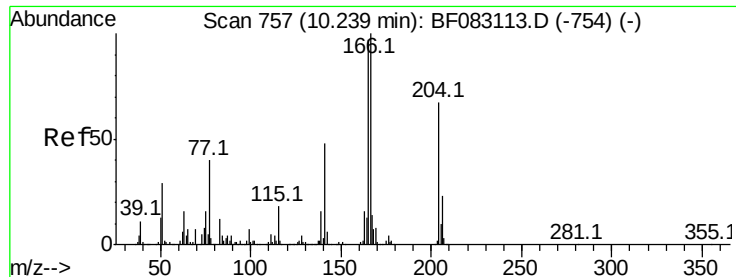
#59
 Diethylphthalate
 Concen: 173.44 ng
 RT: 10.16 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion:149 Resp: 4187190
 Ion Ratio Lower Upper
 149 100
 177 25.7 19.4 29.2
 150 14.4 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: 138.62 ng

RT: 10.25 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampled :

SP3503

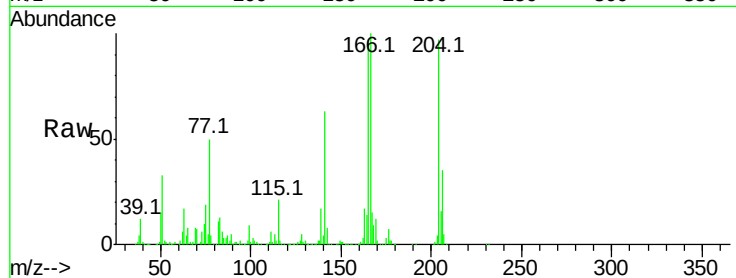
Tot Ion:204 Resp: 1473644

Ion Ratio Lower Upper

204 100

206 36.1 27.4 41.0

141 64.9 57.4 86.2

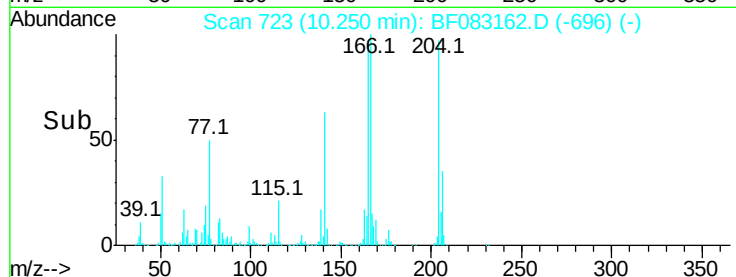


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

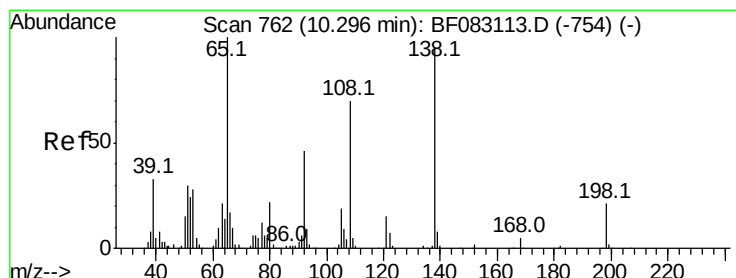
Ion 141.00 (140.70 to 141.70): E

Time-->



Abundance

Time-->



#61

4-Nitroaniline

Concen: 187.83 ng

RT: 10.33 min Scan# 730

Delta R.T. 0.03 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

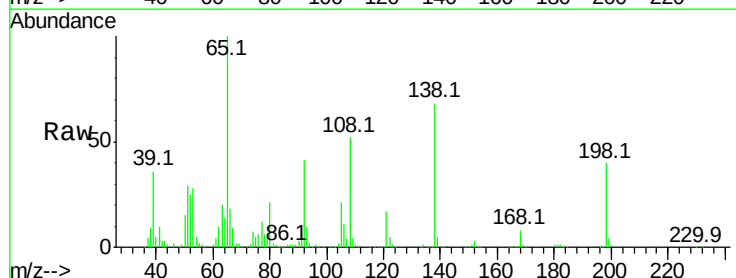
Tgt Ion:138 Resp: 1072924

Ion Ratio Lower Upper

138 100

92 59.7 28.4 68.4

108 77.0 53.5 93.5

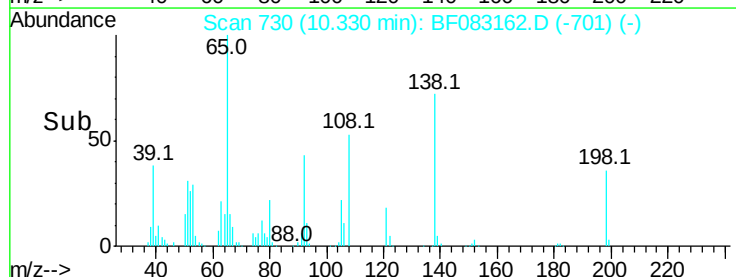


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

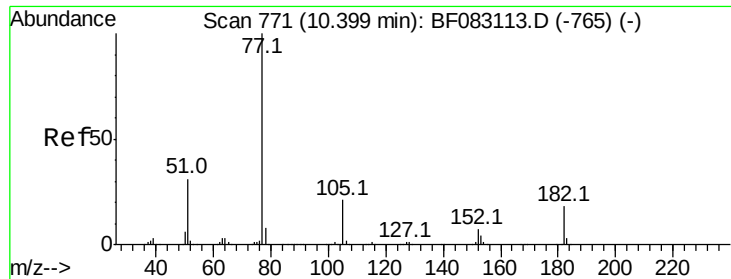
Ion 108.00 (107.70 to 108.70): E

Time-->



Abundance

Time-->



#62

Azobenzene

Concen: 169.14 ng

RT: 10.41 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

Tot Ion: 77 Resp: 4660605

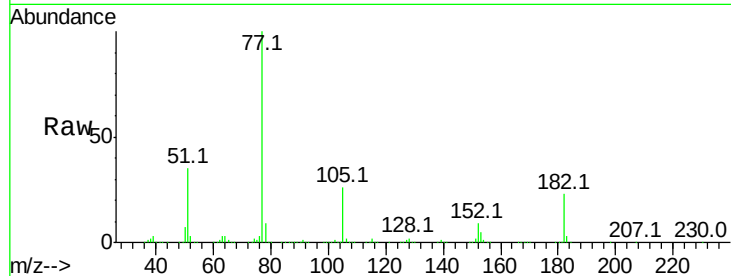
Ion	Ratio	Lower	Upper
77	100		
182	22.7	0.0	38.3
105	25.5	1.2	41.2
51	34.8	11.1	51.1

77 100

182 22.7 0.0 38.3

105 25.5 1.2 41.2

51 34.8 11.1 51.1

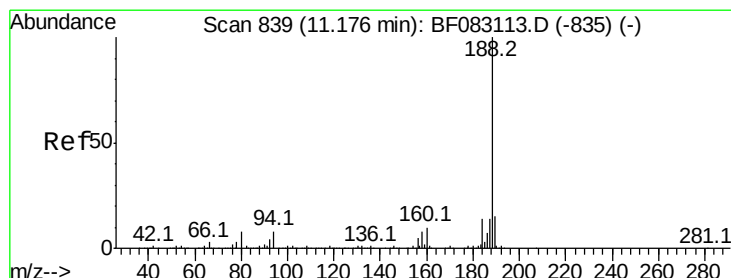
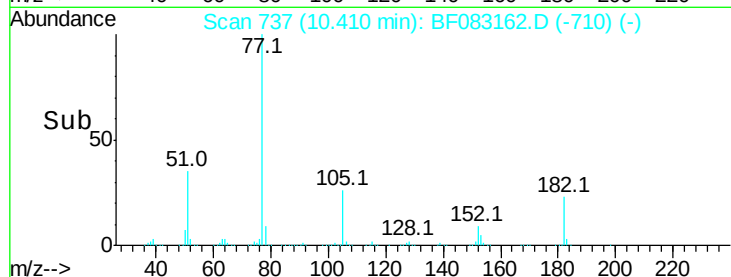
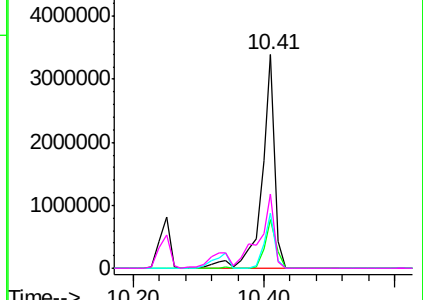


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

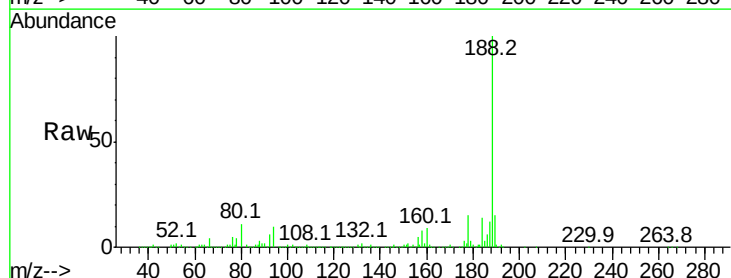
Tgt Ion: 188 Resp: 646543

Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.0	9.0#
80	10.8	6.7	10.1#

188 100

94 9.8 6.0 9.0#

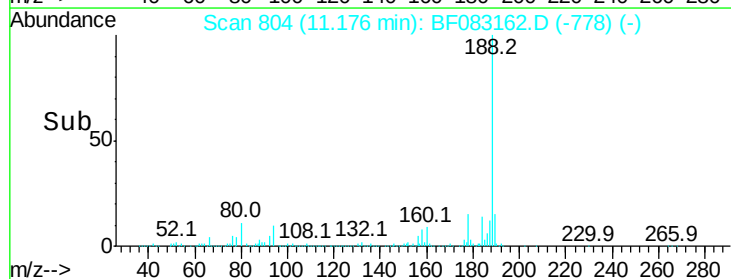
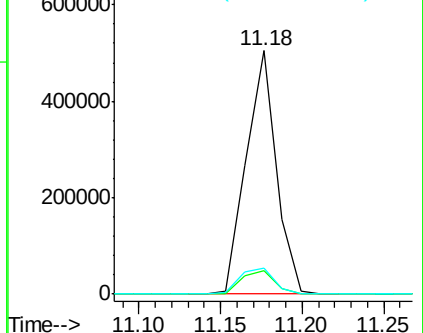
80 10.8 6.7 10.1#

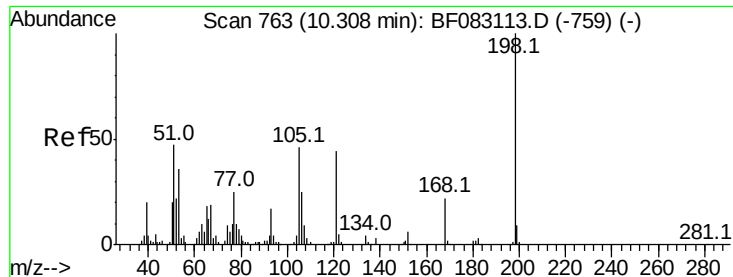


Abundance Ion 188.00 (187.70 to 188.70): E

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: 181.22 ng

RT: 10.34 min Scan# 731

Delta R.T. 0.03 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

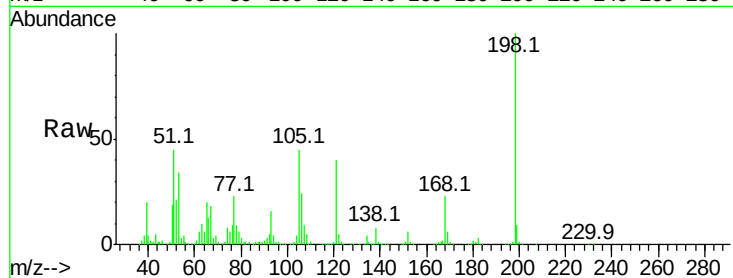
Tot Ion:198 Resp: 807284

Ion Ratio Lower Upper

198 100

51 45.2 27.0 67.0

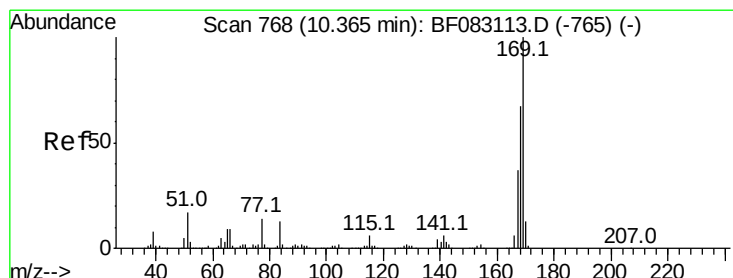
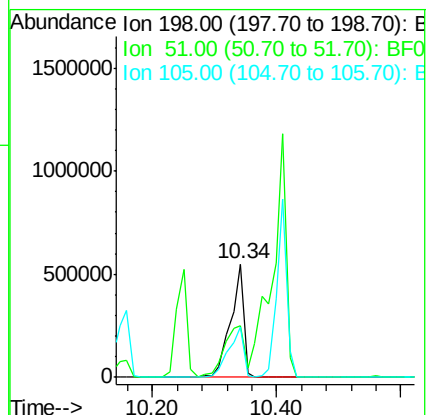
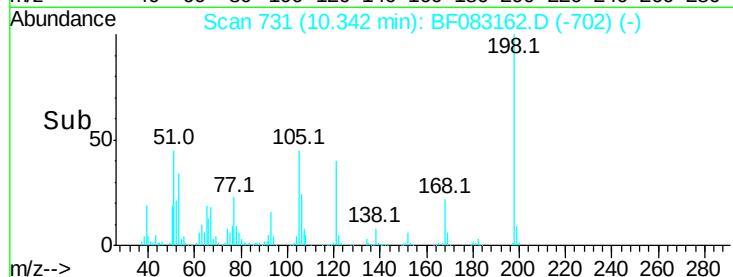
105 44.6 26.1 66.1



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: 158.25 ng

RT: 10.39 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

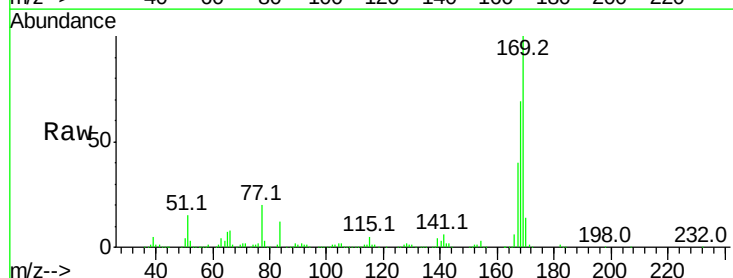
Tgt Ion:169 Resp: 3479807

Ion Ratio Lower Upper

169 100

168 68.8 53.8 80.6

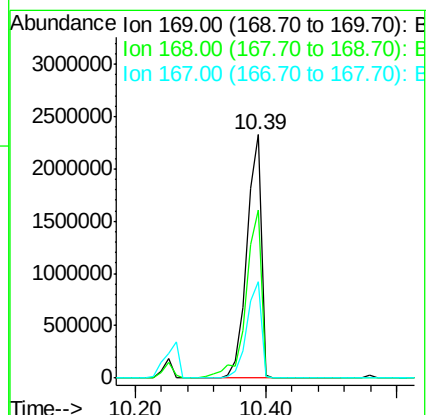
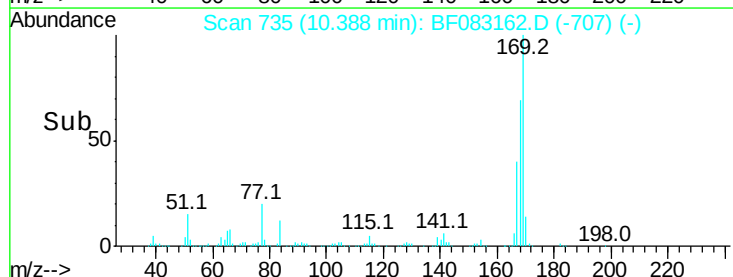
167 39.6 29.8 44.8

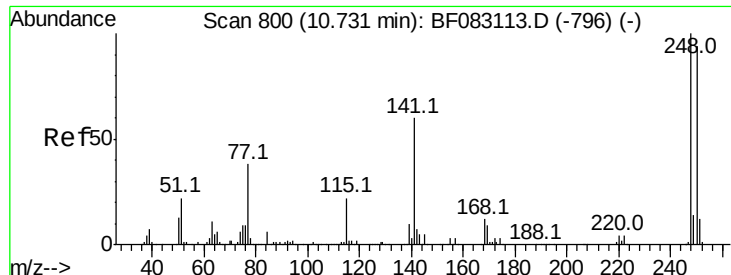


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

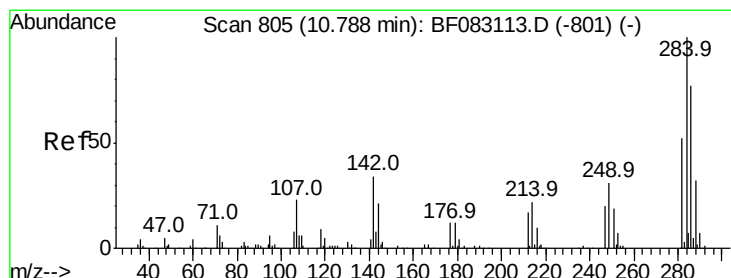
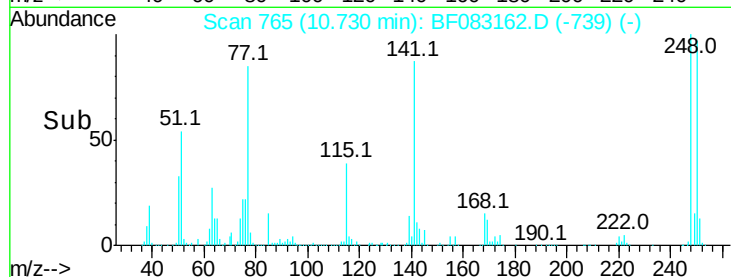
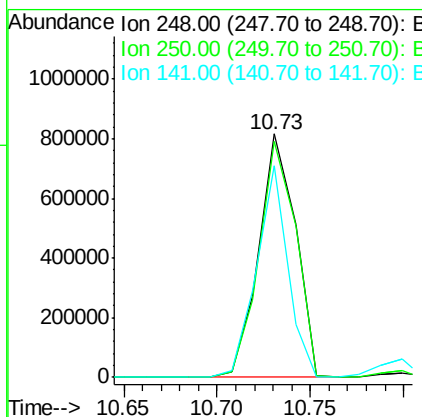
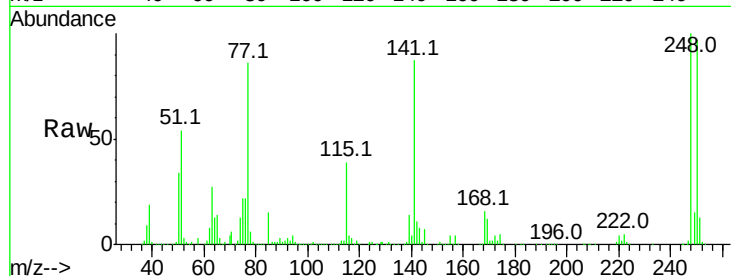




#66
 4-Bromophenyl-phenylether
 Concen: 155.54 ng
 RT: 10.73 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

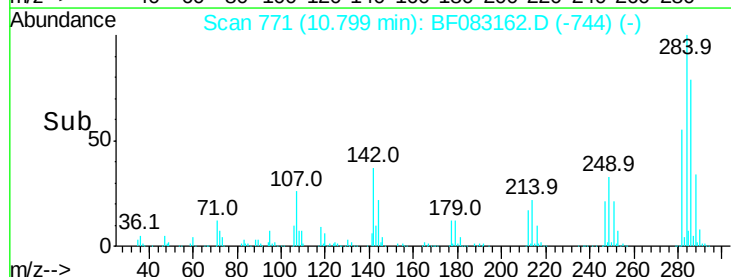
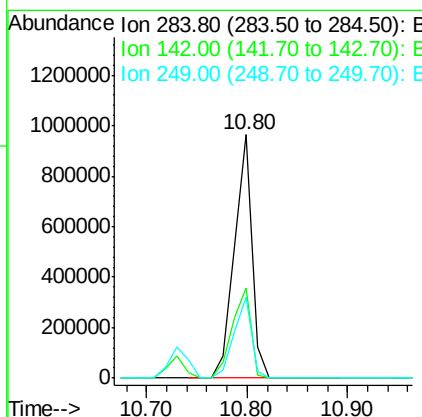
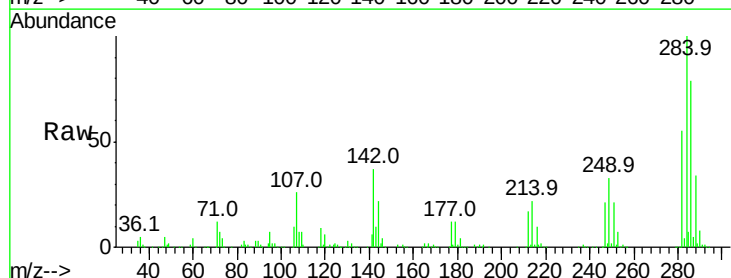
Instrument :
 BNA_F
 ClientSampleId :
 SP3503

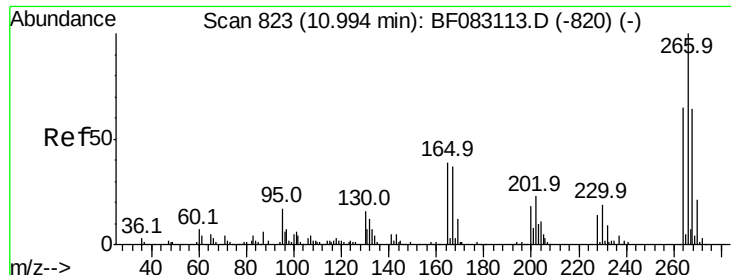
Tot Ion:248 Resp: 1115885
 Ion Ratio Lower Upper
 248 100
 250 96.8 75.4 113.2
 141 87.1 48.1 72.1#



#67
 Hexachlorobenzene
 Concen: 148.11 ng
 RT: 10.80 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion:284 Resp: 1170198
 Ion Ratio Lower Upper
 284 100
 142 37.2 27.6 41.4
 249 33.3 25.5 38.3

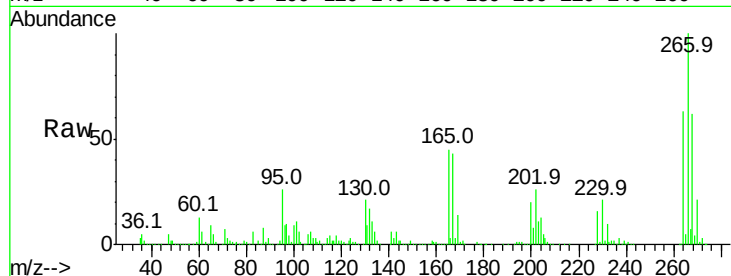




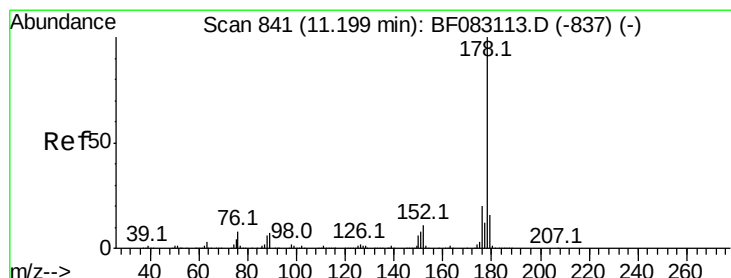
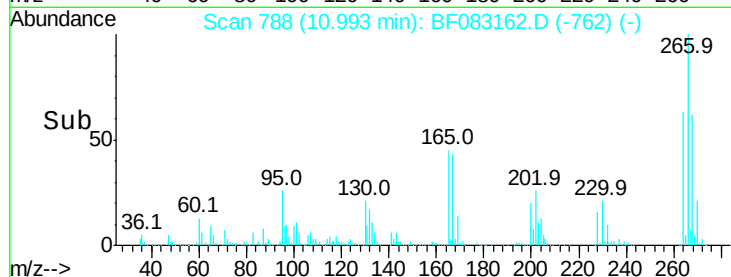
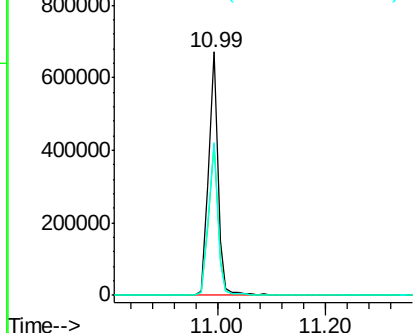
#69
 Pentachlorophenol
 Concen: 159.81 ng
 RT: 10.99 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Instrument :
 BNA_F
 ClientSampleID :
 SP3503

Tot Ion:266 Resp: 822427
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.4 77.0
 264 62.7 51.7 77.5

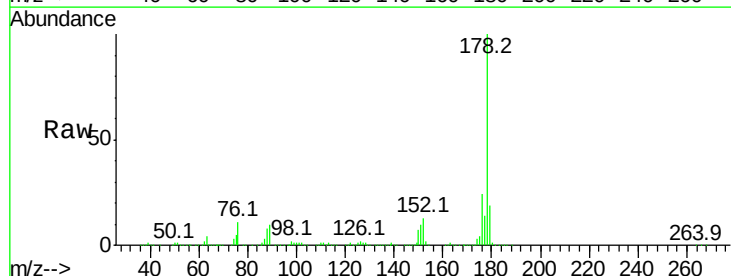


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

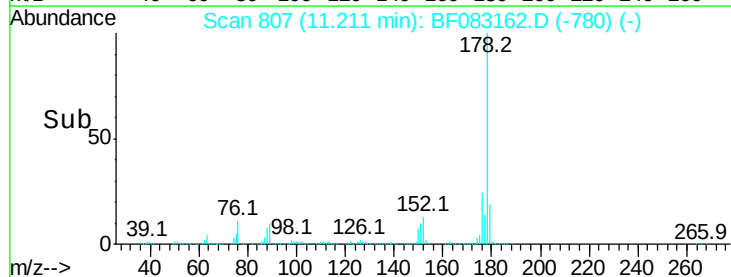
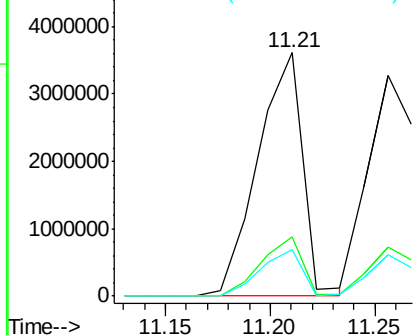


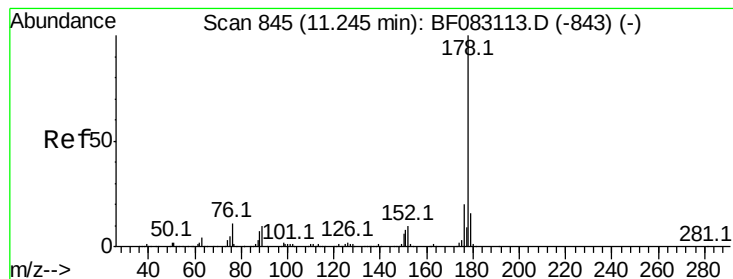
#70
 Phenanthrene
 Concen: 144.05 ng m
 RT: 11.21 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion:178 Resp: 5365889
 Ion Ratio Lower Upper
 178 100
 176 24.4 16.2 24.2#
 179 19.0 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: 135.40 ng

RT: 11.26 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

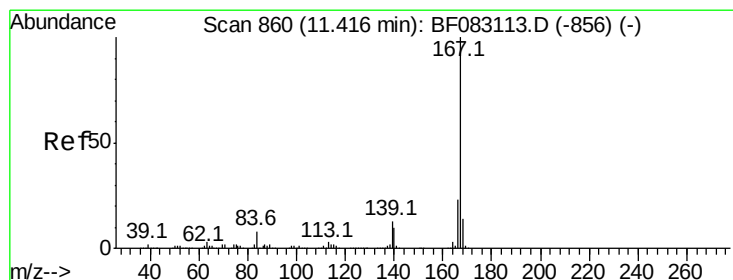
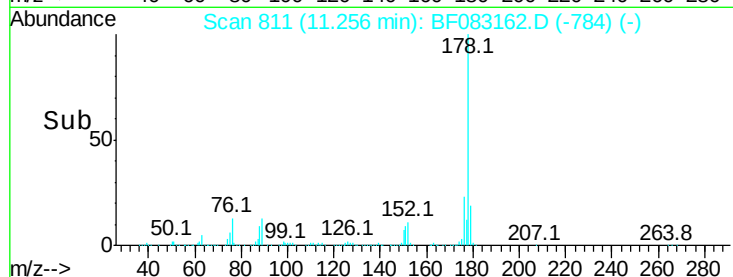
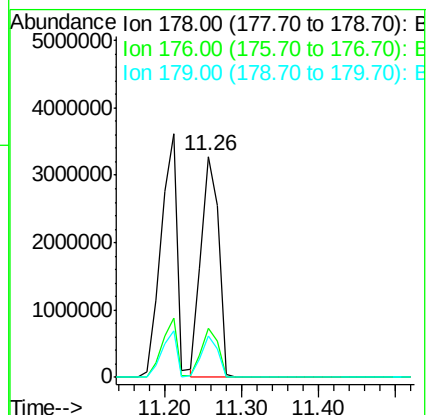
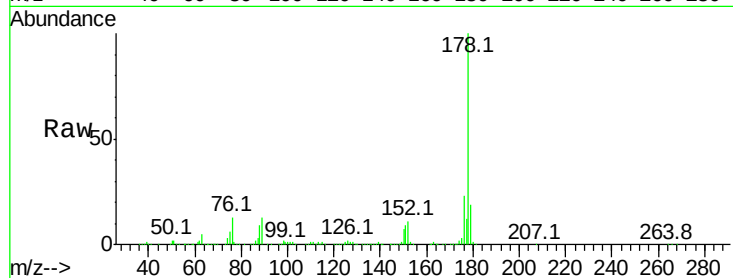
Tot Ion:178 Resp: 5145891

Ion Ratio Lower Upper

178 100

176 22.5 15.6 23.4

179 18.6 13.2 19.8



#72

Carbazole

Concen: 145.85 ng

RT: 11.42 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

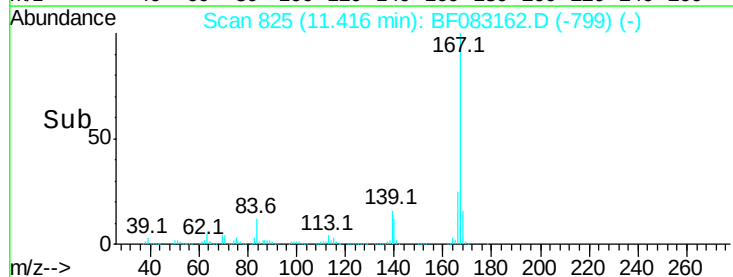
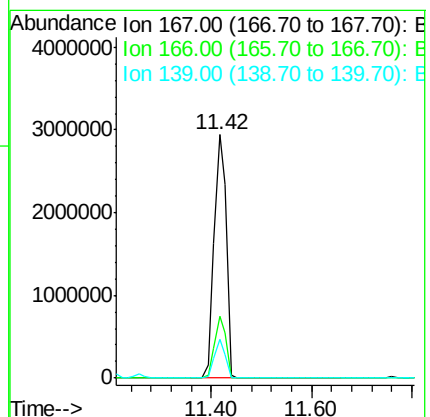
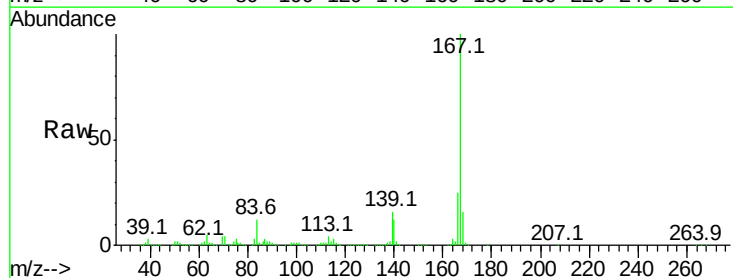
Tgt Ion:167 Resp: 4926787

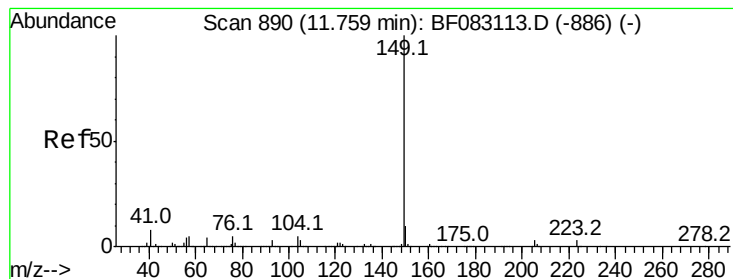
Ion Ratio Lower Upper

167 100

166 25.2 18.0 27.0

139 16.0 10.5 15.7#





#73

Di-n-butylphthalate

Concen: 138.83 ng

RT: 11.76 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampled :

SP3503

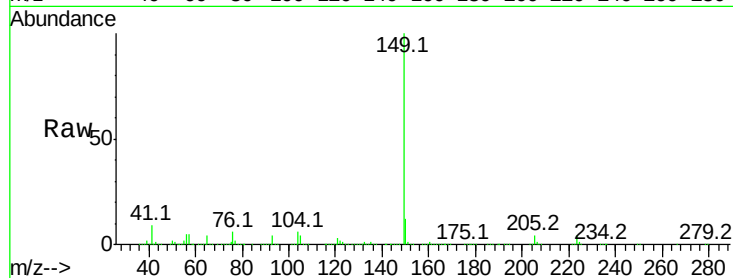
Tot Ion:149 Resp: 5724280

Ion Ratio Lower Upper

149 100

150 12.2 8.0 12.0#

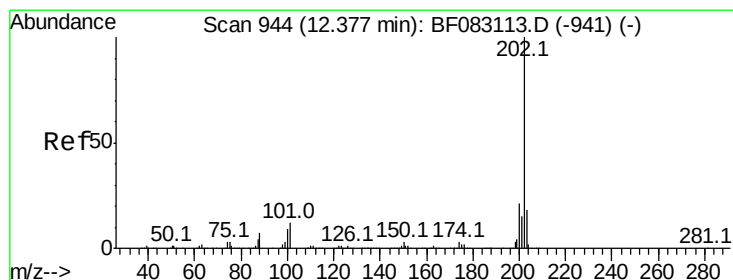
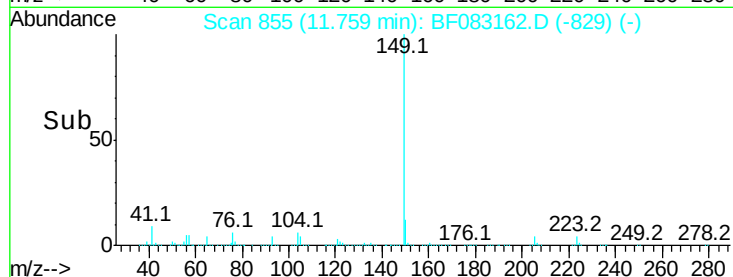
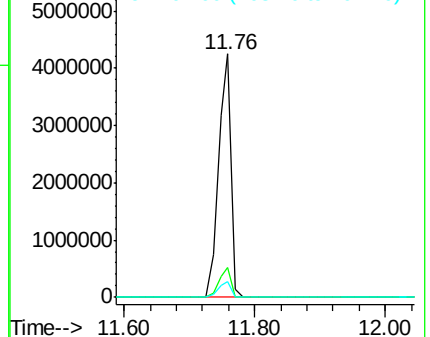
104 6.4 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 129.83 ng

RT: 12.39 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

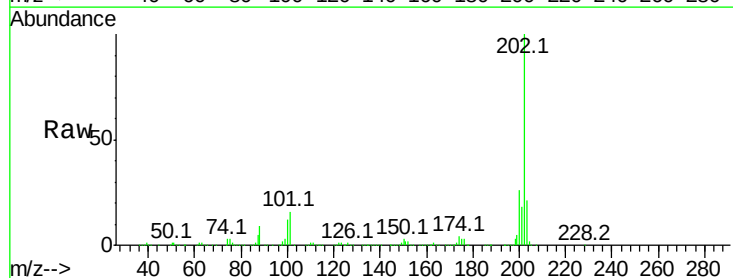
Tgt Ion:202 Resp: 4949677

Ion Ratio Lower Upper

202 100

101 16.1 0.0 32.3

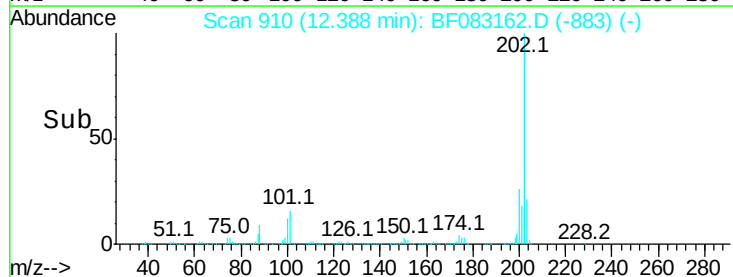
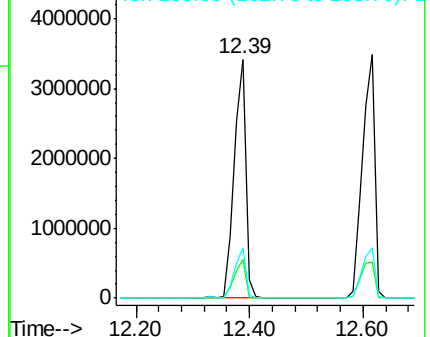
203 21.0 0.0 38.4

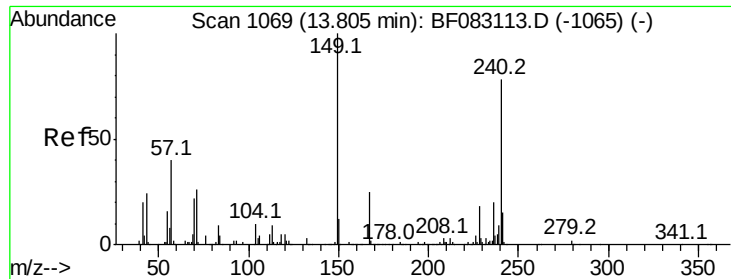


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

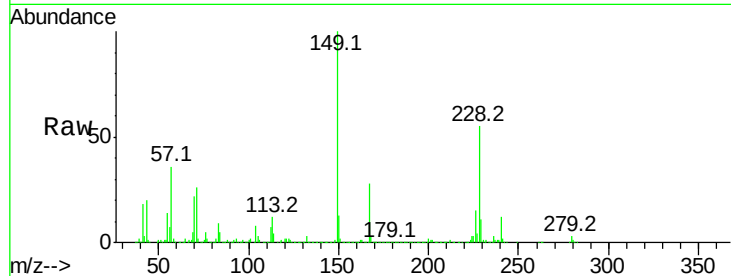
Tot Ion:240 Resp: 360944

Ion Ratio Lower Upper

240 100

120 12.9 5.4 8.2#

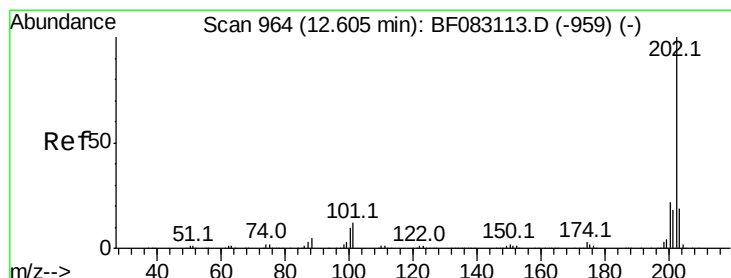
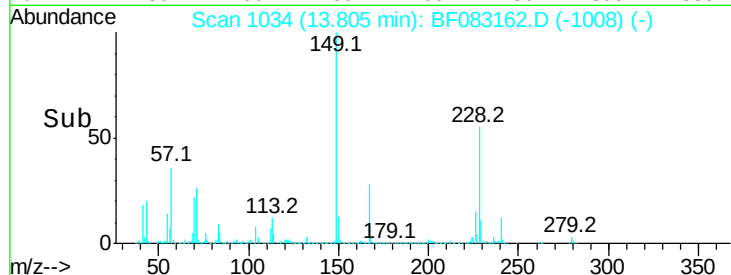
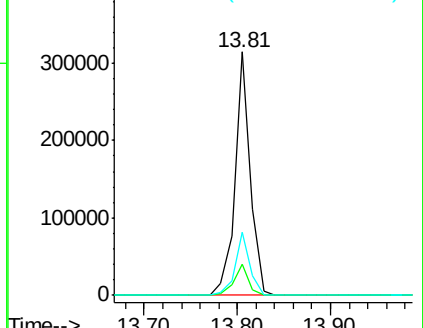
236 26.0 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 217.73 ng

RT: 12.62 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

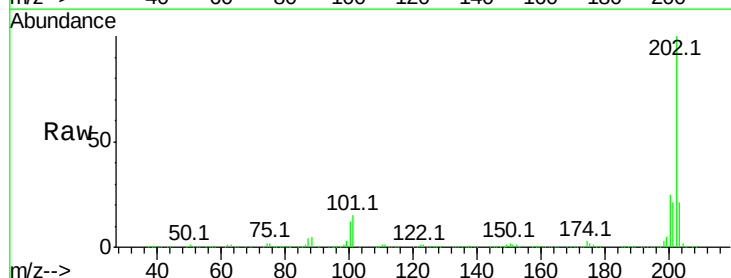
Tgt Ion:202 Resp: 5369103

Ion Ratio Lower Upper

202 100

200 25.4 17.8 26.6

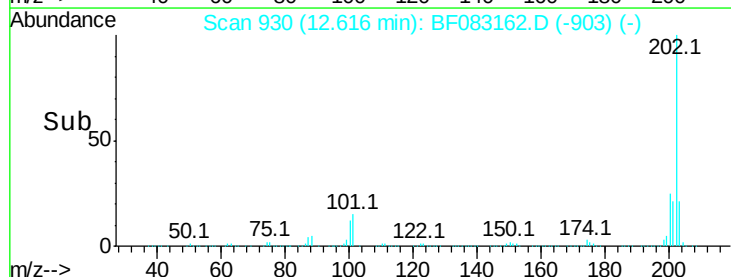
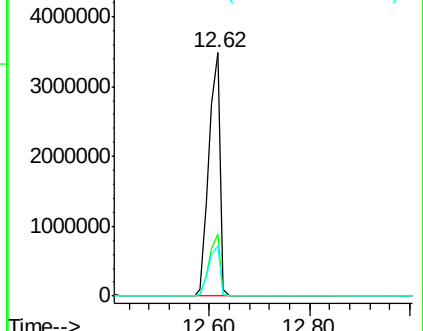
203 20.8 15.0 22.4

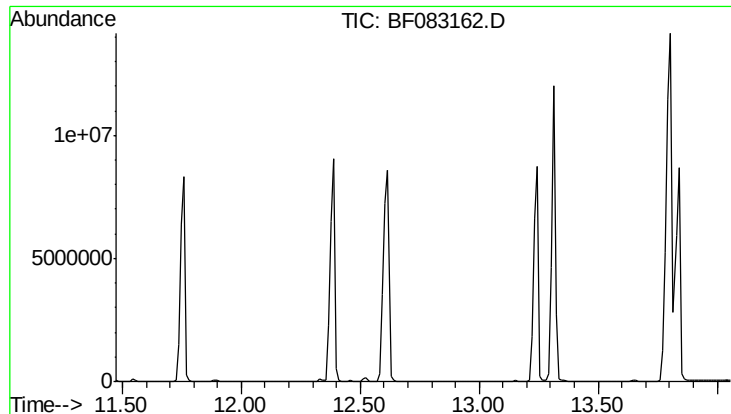


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 12.77 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

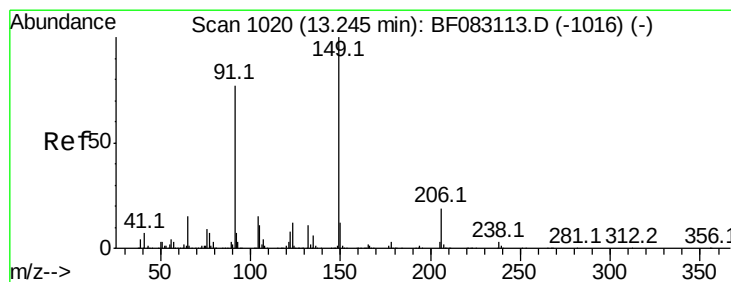
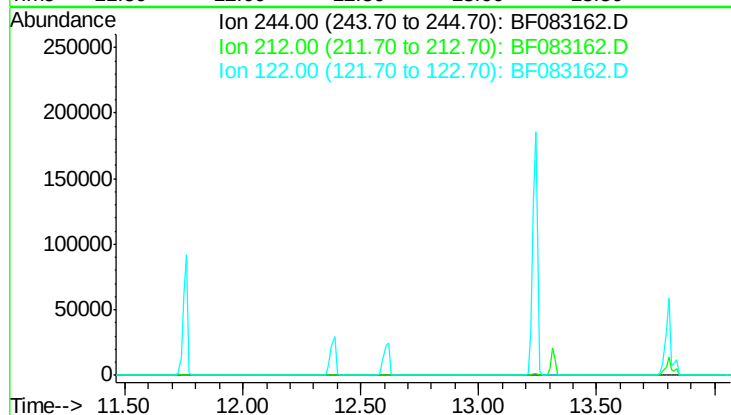
Tot Ion: 244

Sig Exp Ratio

244 100

212 6.8

122 5.4



#79

Butylbenzylphthalate

Concen: 239.67 ng

RT: 13.24 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

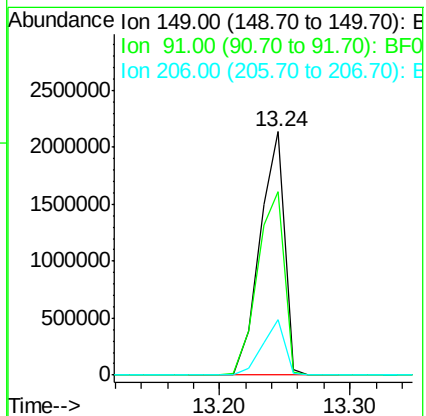
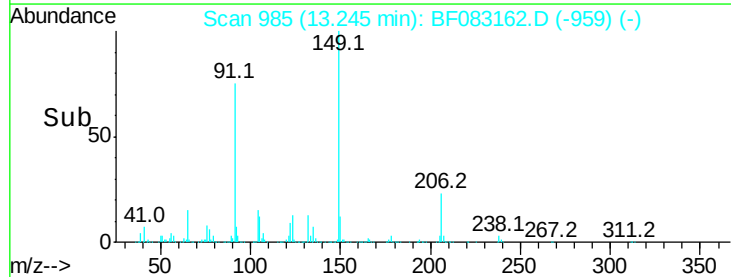
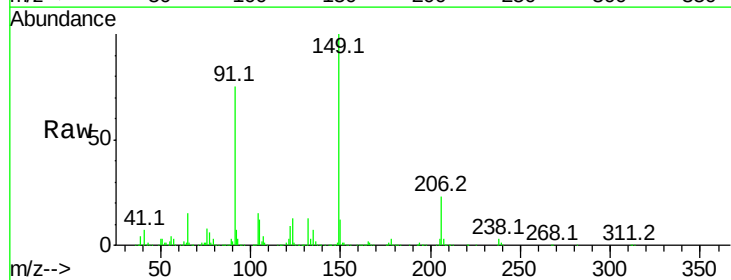
Tgt Ion:149 Resp: 2797079

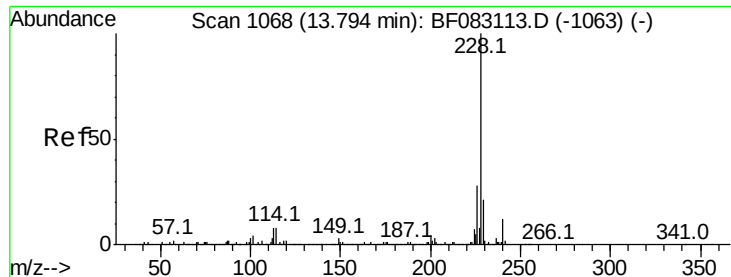
Ion Ratio Lower Upper

149 100

91 75.1 61.5 92.3

206 22.6 15.3 22.9

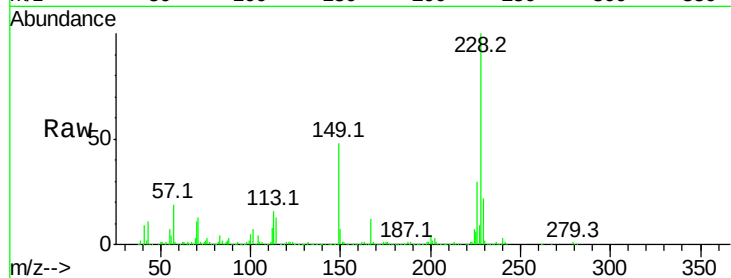




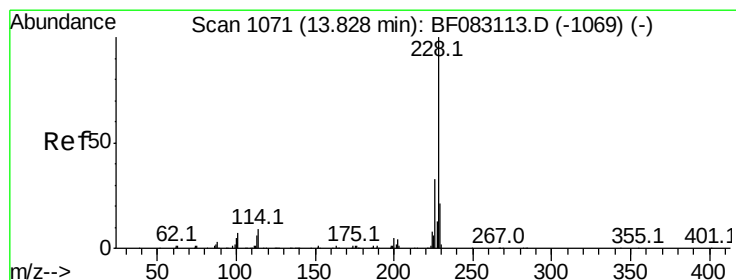
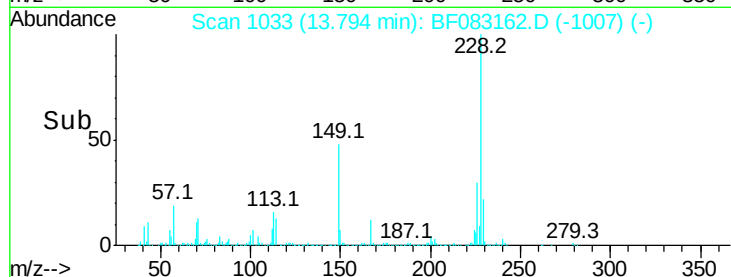
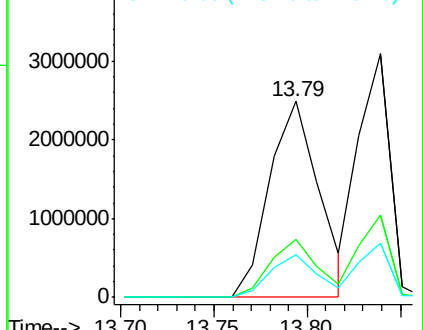
#80
Benzo(a)anthracene
Concen: 206.55 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Instrument :
BNA_F
ClientSampleId :
SP3503

Tot Ion:228 Resp: 4610736
Ion Ratio Lower Upper
228 100
226 29.7 22.6 33.8
229 21.9 16.6 24.8

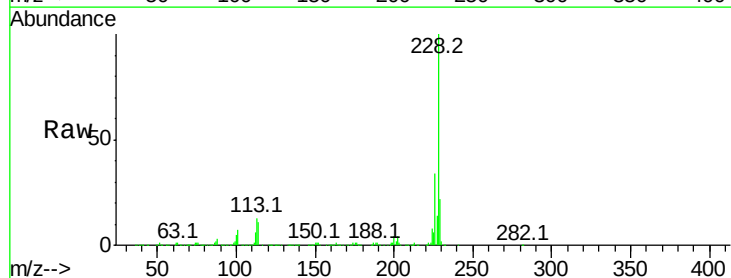


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

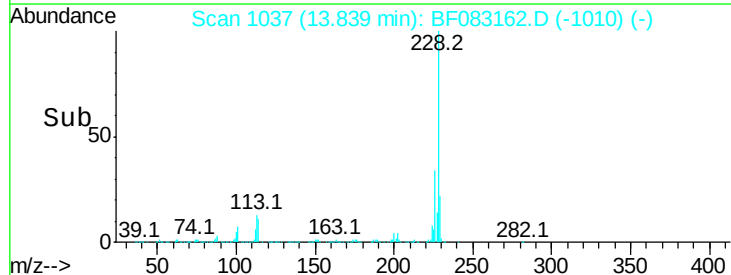
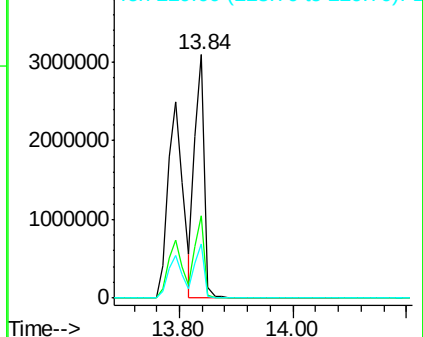


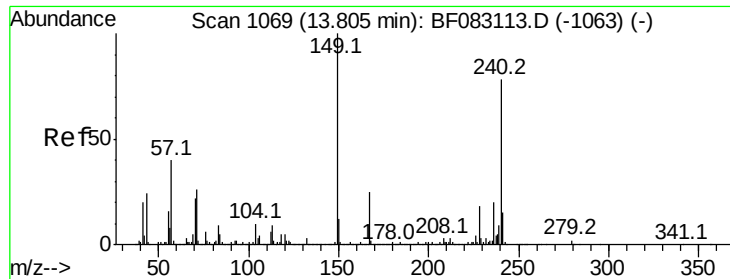
#82
Chrysene
Concen: 177.21 ng
RT: 13.84 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF083162.D
Acq: 22 Nov 2015 16:46

Tgt Ion:228 Resp: 3668534
Ion Ratio Lower Upper
228 100
226 34.0 25.5 38.3
229 22.5 16.6 25.0



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

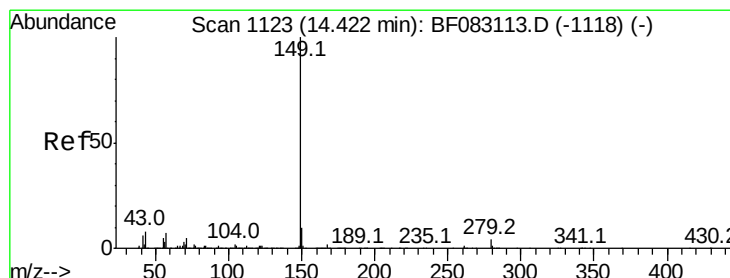
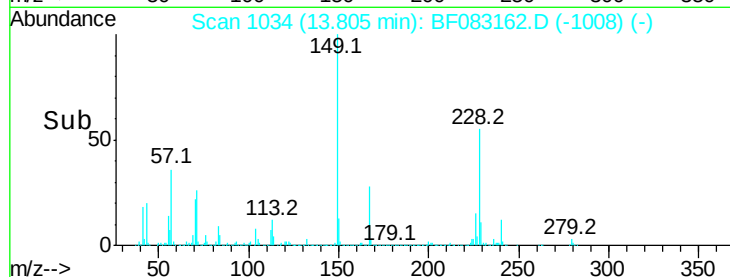
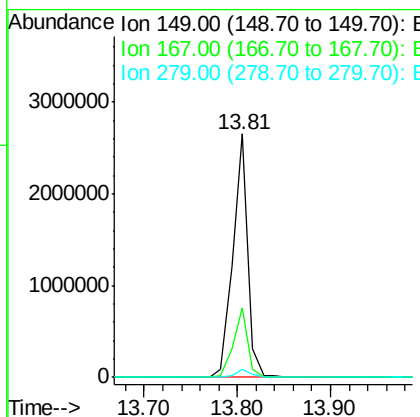
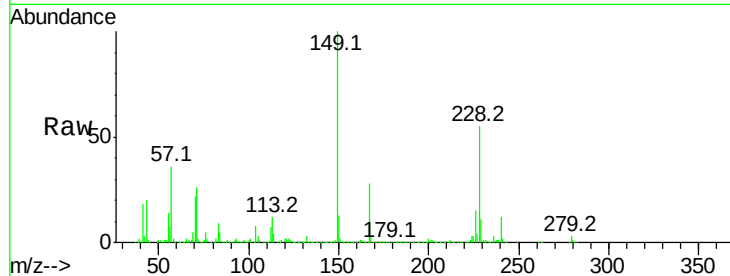




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 193.53 ng
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

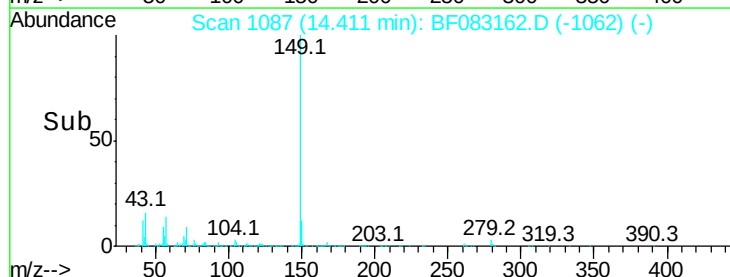
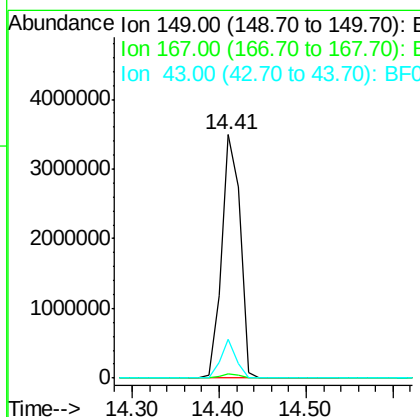
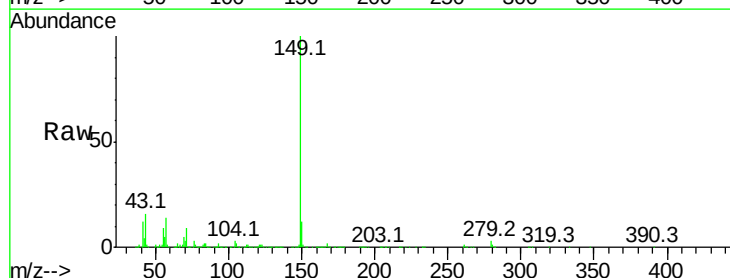
Instrument :
 BNA_F
 ClientSampleId :
 SP3503

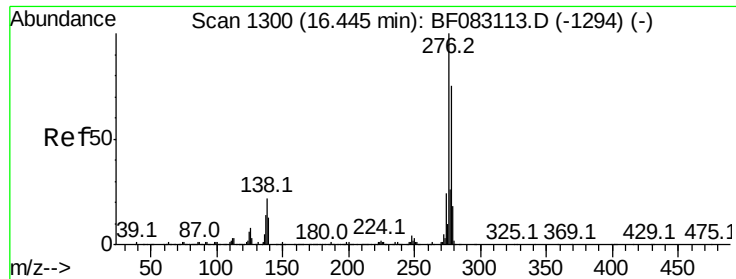
Tot Ion:149 Resp: 2949869
 Ion Ratio Lower Upper
 149 100
 167 28.3 20.1 30.1
 279 3.3 1.7 2.5#



#84
 Di-n-octyl phthalate
 Concen: 197.35 ng
 RT: 14.41 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Tgt Ion:149 Resp: 5178484
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 13.2 9.5 14.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 250.51 ng

RT: 16.49 min Scan# 1269

Delta R.T. 0.05 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

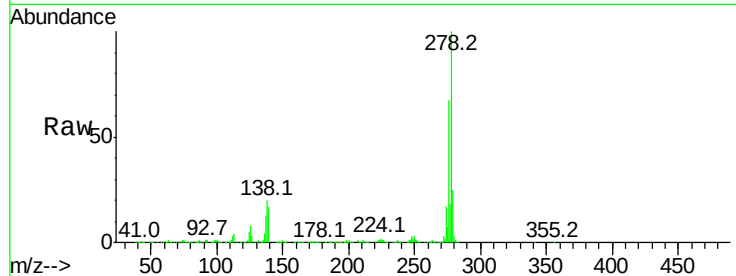
BNA_F

ClientSampleId :

SP3503

Tot Ion:276 Resp: 4716946

Ion	Ratio	Lower	Upper
276	100		
138	26.3	18.0	27.0
277	25.8	20.2	30.4

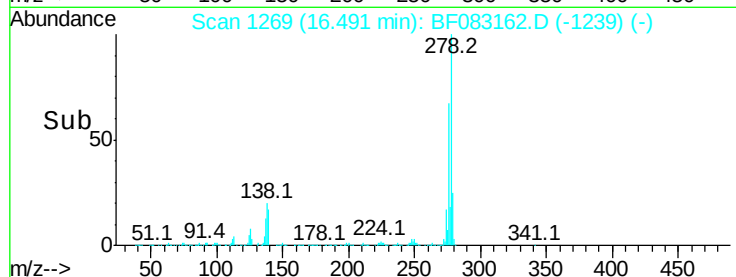


Abundance

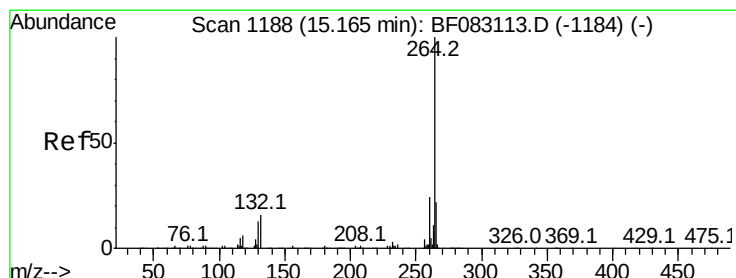
Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time--> 16.20 16.40 16.60 16.80



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1153

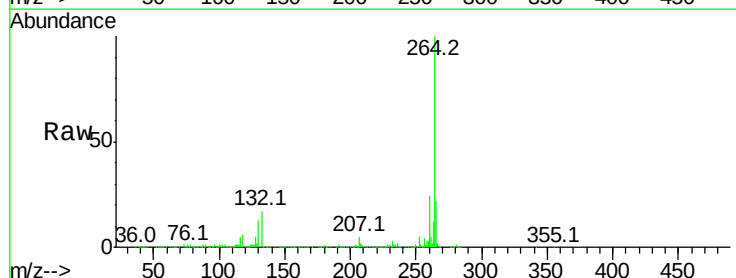
Delta R.T. -0.00 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Tgt Ion:264 Resp: 432826

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.3	18.2	27.4

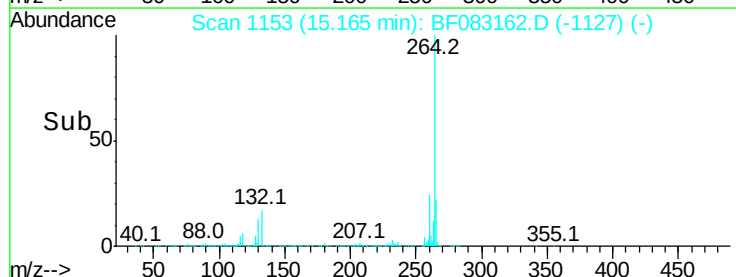


Abundance

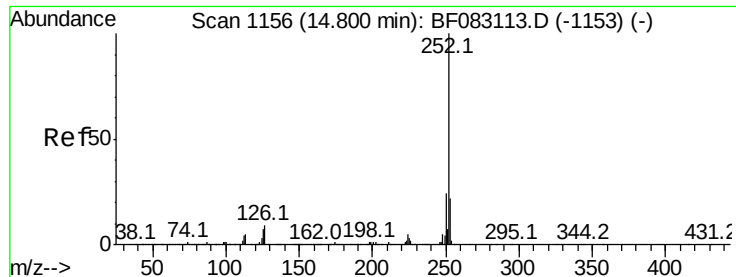
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 15.10 15.20 15.30



#87

Benzo(b)fluoranthene

Concen: 177.73 ng m

RT: 14.81 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

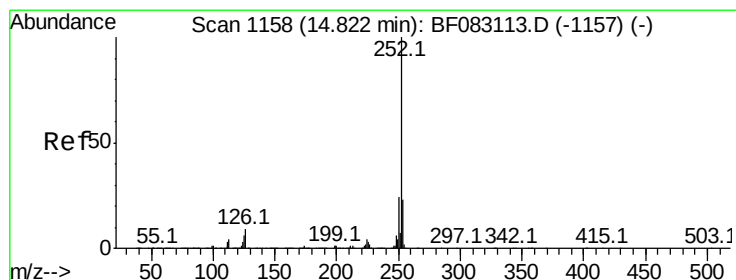
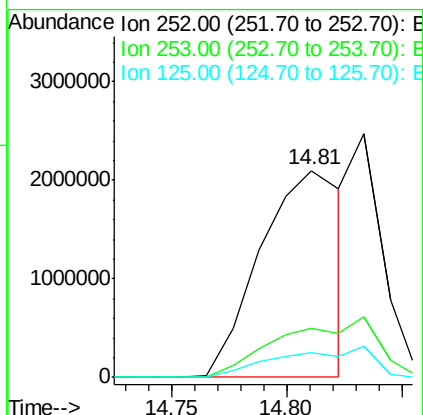
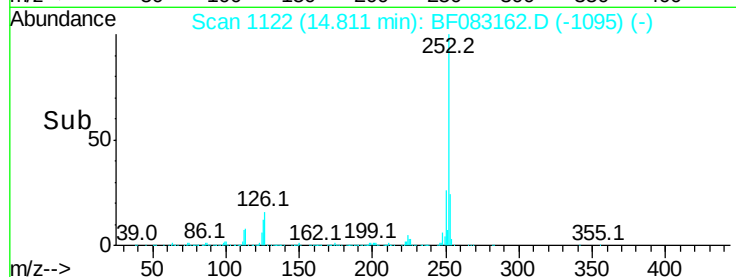
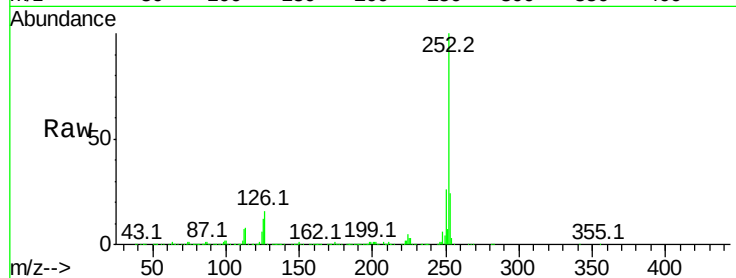
Tot Ion:252 Resp: 5256276

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 11.7 5.6 8.4#



#88

Benzo(k)fluoranthene

Concen: 104.05 ng m

RT: 14.83 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

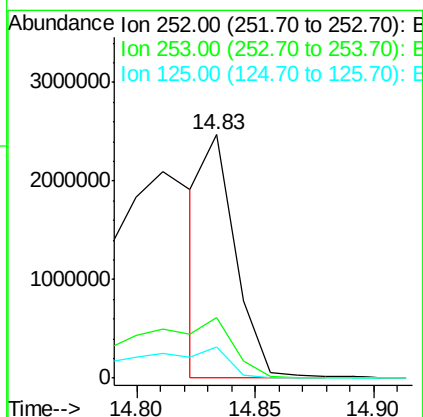
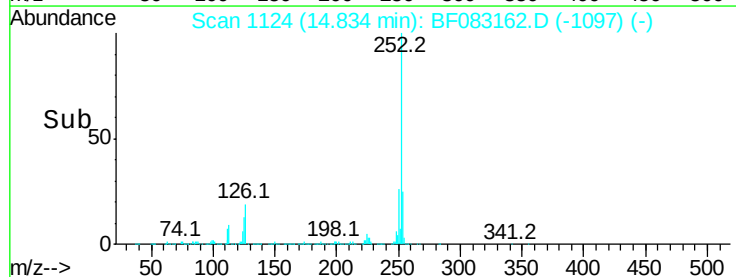
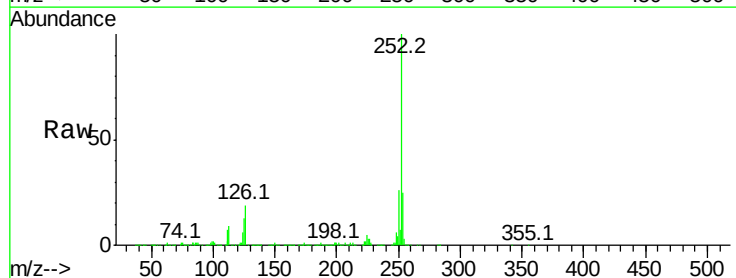
Tgt Ion:252 Resp: 2292564

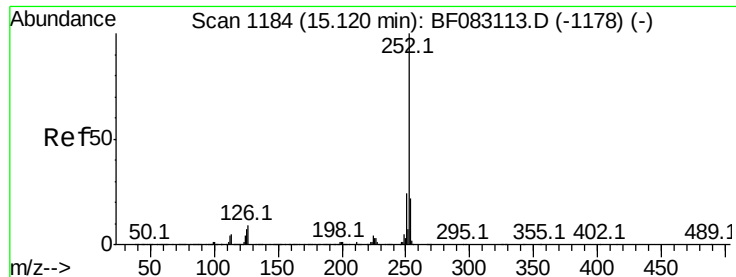
Ion Ratio Lower Upper

252 100

253 24.8 18.2 27.2

125 13.0 6.8 10.2#





#89

Benzo(a)pyrene

Concen: 165.96 ng

RT: 15.13 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

Instrument :

BNA_F

ClientSampleId :

SP3503

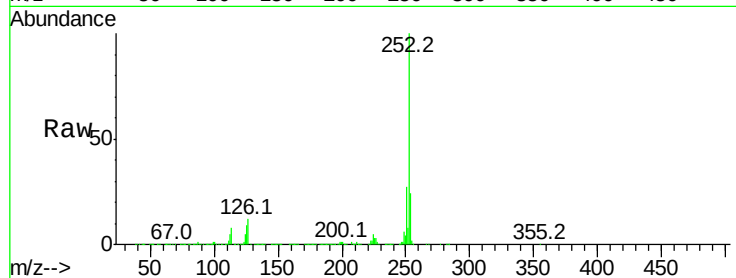
Tot Ion:252 Resp: 4052158

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	9.1	5.4	8.0

252 100

253 24.2 17.5 26.3

125 9.1 5.4 8.0#

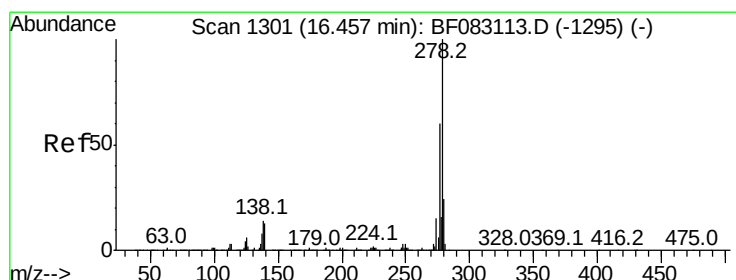
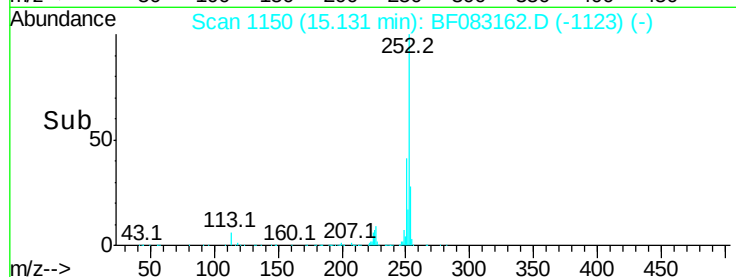
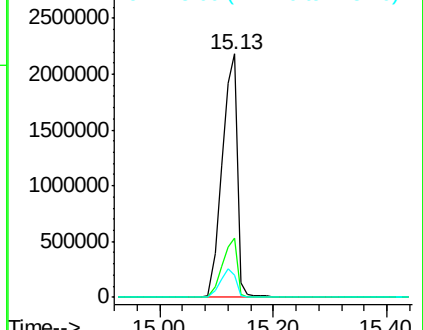


Abundance

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: 172.75 ng

RT: 16.49 min Scan# 1269

Delta R.T. 0.03 min

Lab File: BF083162.D

Acq: 22 Nov 2015 16:46

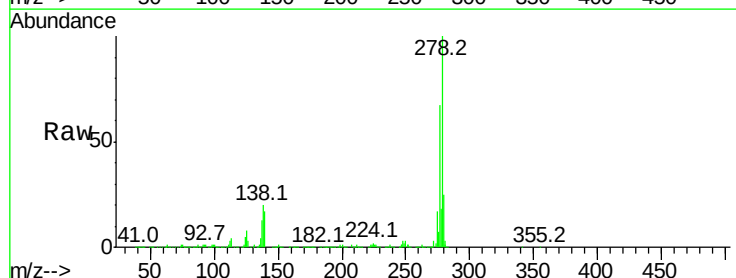
Tgt Ion:278 Resp: 3831410

Ion	Ratio	Lower	Upper
278	100		
139	16.8	10.7	16.1
279	25.3	19.3	28.9

278 100

139 16.8 10.7 16.1#

279 25.3 19.3 28.9

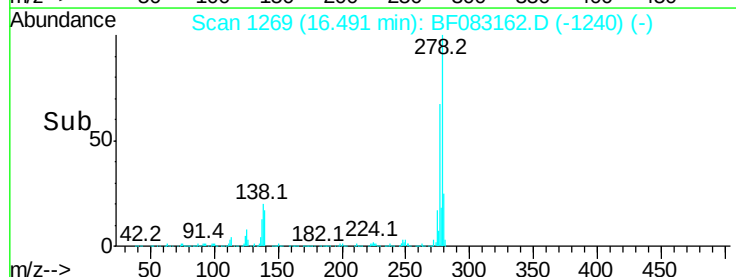
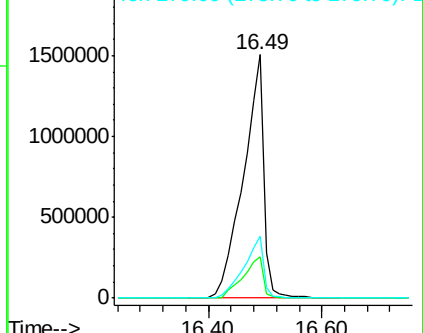


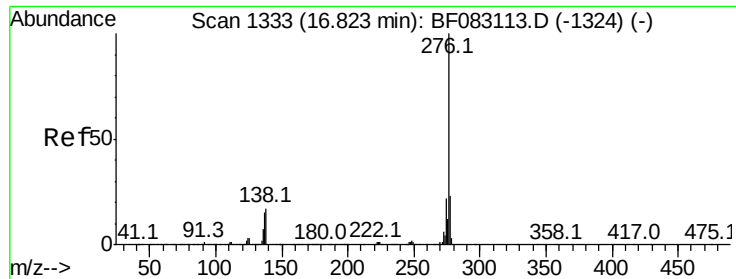
Abundance

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



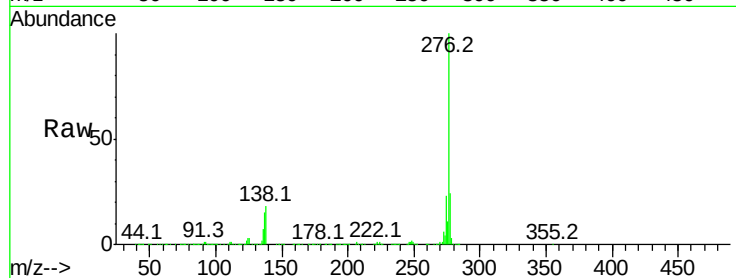


#91
 Benzo(a,h,i)perylene
 Concen: 183.58 ng
 RT: 16.86 min Scan# 1301
 Delta R.T. 0.03 min
 Lab File: BF083162.D
 Acq: 22 Nov 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 SP3503

Tot Ion:276 Resp: 3974887

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	18.0	13.9	20.9



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

