

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083727.D
 Acq On : 13 Dec 2015 14:19
 Operator : UM/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 00:59:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 00:56:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	155443	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	627392	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	285164	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	552655	20.00	ng	0.00
75) Chrysene-d12	14.07	240	425407	20.00	ng	0.00
86) Perylene-d12	15.49	264	306772	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	211736	21.21	ng	0.00
7) Phenol-d6	6.53	99	270807	21.61	ng	-0.01
23) Nitrobenzene-d5	7.47	82	225379	23.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	64035	23.58	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	483477	24.76	ng	0.00
78) Terphenyl-d14	13.01	244	425114	22.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	47010	9.53	ng	99
3) Pyridine	3.30	79	120532	9.45	ng	98
4) n-Nitrosodimethylamine	3.22	42	44874	8.75	ng	# 99
6) Aniline	6.57	93	173800	10.16	ng	98
8) 2-Chlorophenol	6.69	128	118926	10.59	ng	88
9) Benzaldehyde	6.45	77	77159	11.20	ng	85
10) Phenol	6.54	94	160425	10.90	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	110506	10.62	ng	88
12) 1,3-Dichlorobenzene	7.09	146	116346	9.45	ng	98
13) 1,4-Dichlorobenzene	6.93	146	131725	10.78	ng	97
14) 1,2-Dichlorobenzene	7.09	146	116350	10.16	ng	95
15) Benzyl Alcohol	7.05	79	92122	10.22	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	138448	9.53	ng	99
17) 2-Methylphenol	7.16	107	98384	10.91	ng	97
18) Hexachloroethane	7.44	117	46061	11.00	ng	95
19) n-Nitroso-di-n-propylamine	7.32	70	79759	11.08	ng	99
20) 3+4-Methylphenols	7.31	107	120613	11.09	ng	# 88
22) Acetophenone	7.32	105	175752	11.50	ng	# 94
24) Nitrobenzene	7.49	77	125021	11.96	ng	# 88
25) Isophorone	7.73	82	232309	11.01	ng	96
26) 2-Nitrophenol	7.81	139	54415	12.25	ng	90
27) 2,4-Dimethylphenol	7.85	122	115499	11.01	ng	93
28) bis(2-Chloroethoxy)methane	7.95	93	135608	11.47	ng	99
29) 2,4-Dichlorophenol	8.05	162	93710	10.94	ng	92
30) 1,2,4-Trichlorobenzene	8.14	180	101189	10.73	ng	98
31) Naphthalene	8.22	128	367742	11.82	ng	98
32) Benzoic acid	7.92	122	51116	8.64	ng	99
33) 4-Chloroaniline	8.26	127	133368	10.05	ng	# 92
34) Hexachlorobutadiene	8.35	225	53808	10.21	ng	99
35) Caprolactam	8.60	113	28936	10.34	ng	# 79
36) 4-Chloro-3-methylphenol	8.74	107	111337	11.44	ng	93
37) 2-Methylnaphthalene	8.91	142	216158	10.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	98556	11.31	ng	98
40) Hexachlorocyclopentadiene	9.07	237	38921	9.14	ng	98

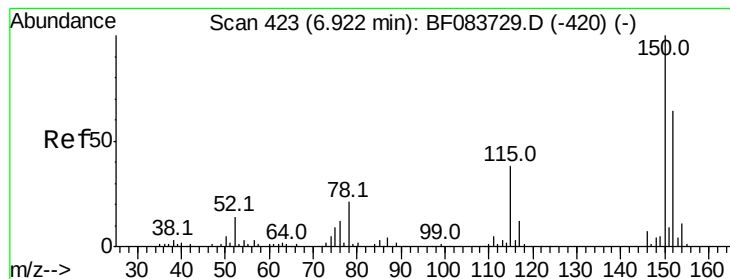
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	64310	10.63	nq	98
43) 2,4,5-Trichlorophenol	9.22	196	59831	9.98	nq	# 85
45) 1,1'-Biphenyl	9.38	154	293109	11.88	nq	96
46) 2-Chloronaphthalene	9.40	162	211491	11.40	nq	93
47) 2-Nitroaniline	9.48	65	50456	10.23	nq	# 79
48) Acenaphthylene	9.81	152	358645	11.56	nq	98
49) Dimethylphthalate	9.68	163	239443	11.02	nq	# 97
50) 2,6-Dinitrotoluene	9.72	165	47046	10.98	nq	# 78
51) Acenaphthene	9.98	154	209665	11.29	nq	95
52) 3-Nitroaniline	9.89	138	60231	11.91	nq	92
53) 2,4-Dinitrophenol	10.00	184	11313	9.71	nq	# 1
54) Dibenzofuran	10.16	168	291386	11.91	nq	93
55) 4-Nitrophenol	10.04	139	45849	10.90	nq	99
56) 2,4-Dinitrotoluene	10.12	165	60805	11.08	nq	# 83
57) Fluorene	10.50	166	239960	12.51	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	46072	10.63	nq	95
59) Diethylphthalate	10.37	149	260648	12.48	nq	97
60) 4-Chlorophenyl-phenylether	10.50	204	102555	11.01	nq	91
61) 4-Nitroaniline	10.50	138	55396	12.22	nq	90
62) Azobenzene	10.65	77	217042	10.82	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	25012	12.23	nq	89
65) n-Nitrosodiphenylamine	10.60	169	195116	10.41	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	62077	10.40	nq	90
67) Hexachlorobenzene	11.05	284	68697	10.59	nq	# 68
68) Atrazine	11.13	200	58303	10.75	nq	95
69) Pentachlorophenol	11.24	266	29905	8.17	nq	98
70) Phenanthrene	11.46	178	329491	11.05	nq	98
71) Anthracene	11.50	178	325826	10.32	nq	100
72) Carbazole	11.65	167	299886	10.24	nq	98
73) Di-n-butylphthalate	12.00	149	379673	12.04	nq	99
74) Fluoranthene	12.64	202	318673	9.92	nq	92
76) Benzidine	12.76	184	121189	7.52	nq	99
77) Pyrene	12.86	202	332423	9.81	nq	99
79) Butylbenzylphthalate	13.49	149	131494	11.50	nq	96
80) Benzo(a)anthracene	14.05	228	252944	10.15	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	81324	9.99	nq	# 95
82) Chrysene	14.09	228	255772	10.72	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	172731	13.96	nq	99
84) Di-n-octyl phthalate	14.66	149	253747	13.30	nq	97
85) Indeno(1,2,3-cd)pyrene	16.91	276	194996	8.63	nq	99
87) Benzo(b)fluoranthene	15.08	252	202606	10.47	nq	98
88) Benzo(k)fluoranthene	15.08	252	202606	10.94	nq	# 98
89) Benzo(a)pyrene	15.44	252	180480	10.35	nq	96
90) Dibenzo(a,h)anthracene	16.93	278	162942	9.51	nq	97
91) Benzo(g,h,i)perylene	17.35	276	165286	9.15	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

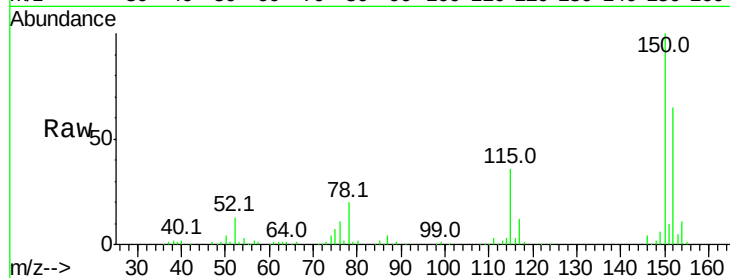
Tot Ion:152 Resp: 155443

Ion Ratio Lower Upper

152 100

150 153.8 124.1 186.1

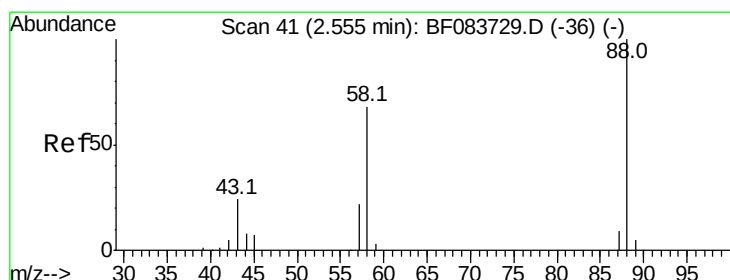
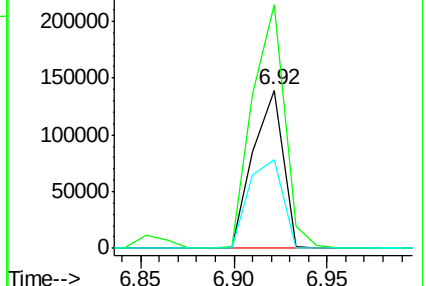
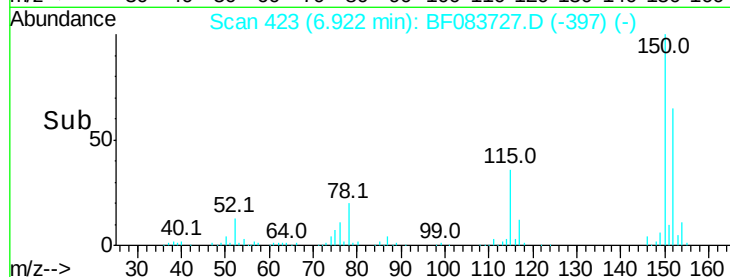
115 56.0 47.2 70.8



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: 9.53 ng

RT: 2.56 min Scan# 41

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

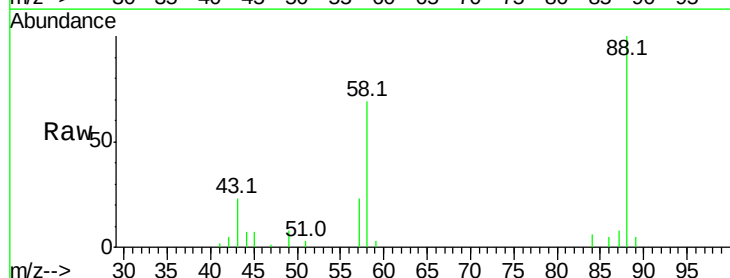
Tgt Ion: 88 Resp: 47010

Ion Ratio Lower Upper

88 100

58 67.8 53.5 80.3

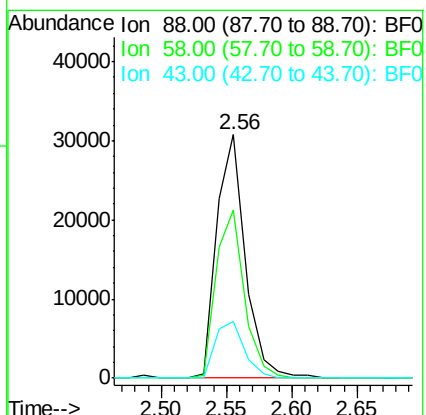
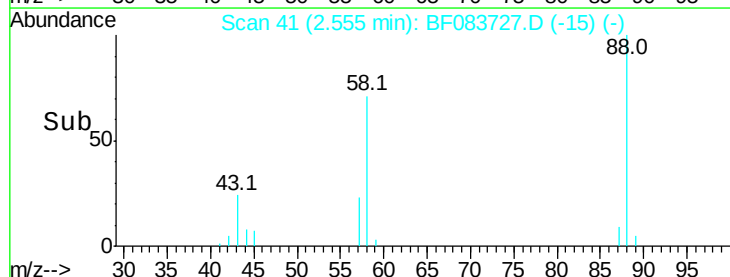
43 23.8 18.7 28.1

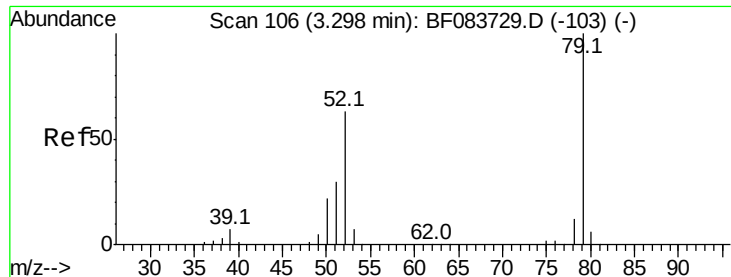


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

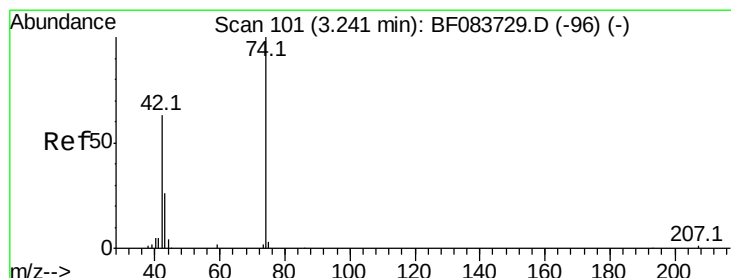
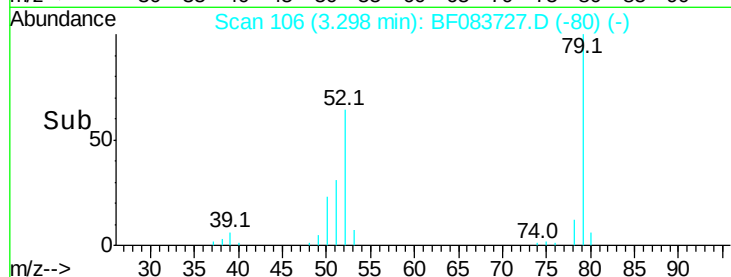
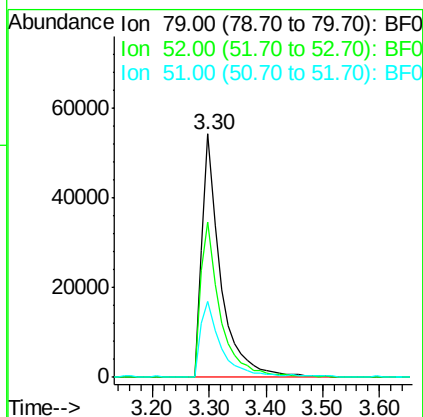
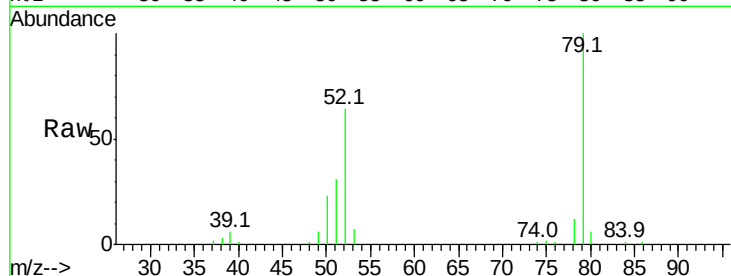




#3
 Pvridine
 Concen: 9.45 ng
 RT: 3.30 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

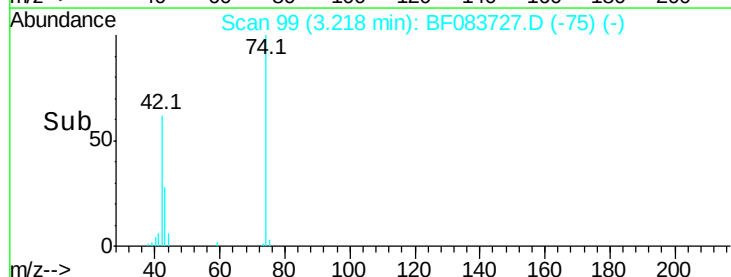
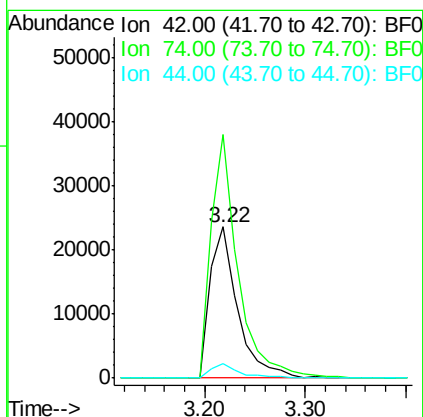
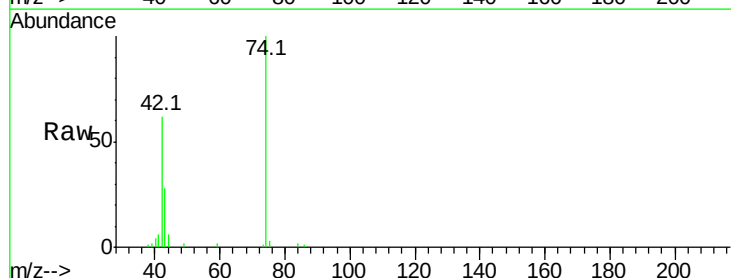
Instrument :
 BNA_F
 ClientSampleId :

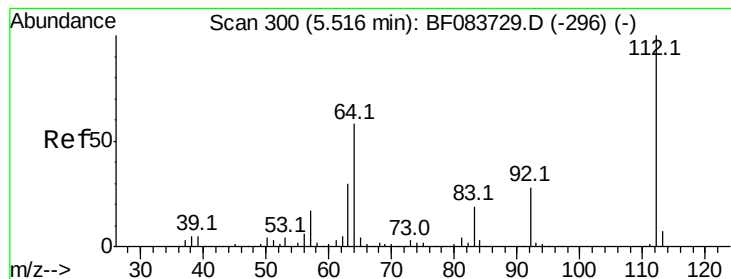
Tot Ion: 79 Resp: 120532
 Ion Ratio Lower Upper
 79 100
 52 64.0 50.2 75.4
 51 31.2 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 8.75 ng
 RT: 3.22 min Scan# 99
 Delta R.T. -0.02 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion: 42 Resp: 44874
 Ion Ratio Lower Upper
 42 100
 74 161.3 128.0 192.0
 44 9.5 5.4 8.2#





#5

2-Fluorophenol

Concen: 21.21 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampled :

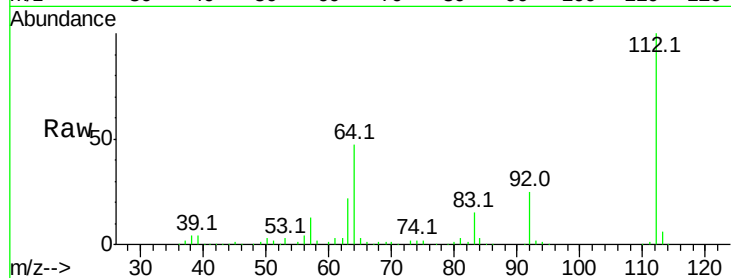
Tot Ion:112 Resp: 211736

Ion Ratio Lower Upper

112 100

64 46.7 46.1 69.1

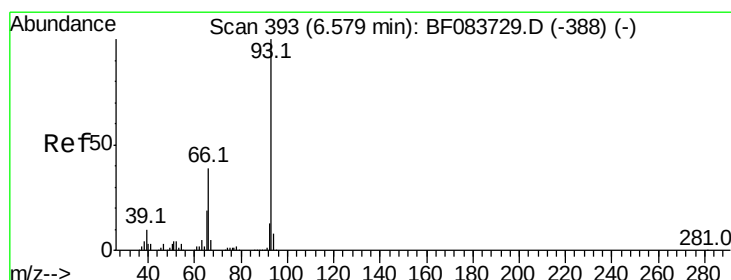
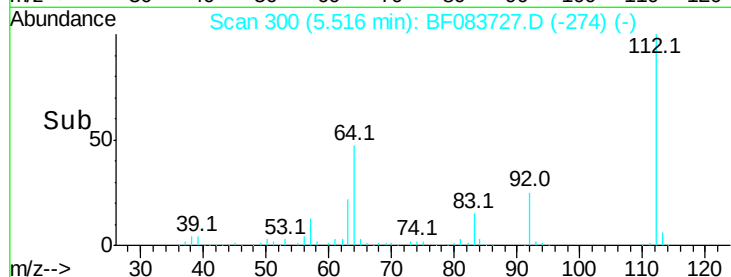
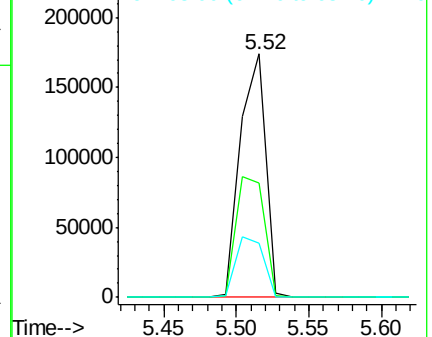
63 22.4 24.1 36.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.16 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

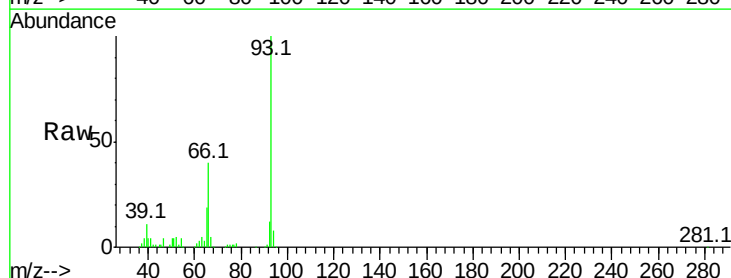
Tgt Ion: 93 Resp: 173800

Ion Ratio Lower Upper

93 100

66 40.3 31.2 46.8

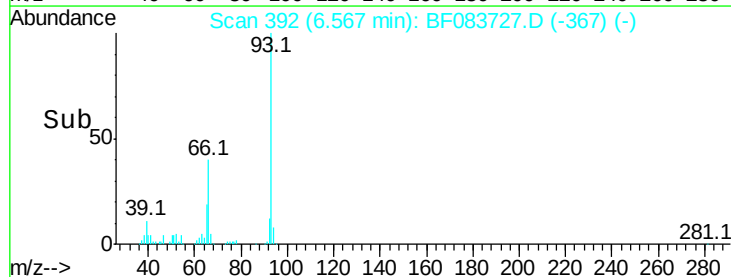
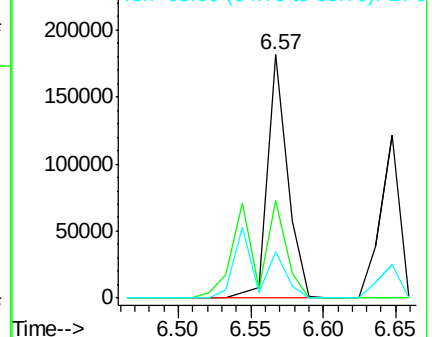
65 19.4 14.9 22.3

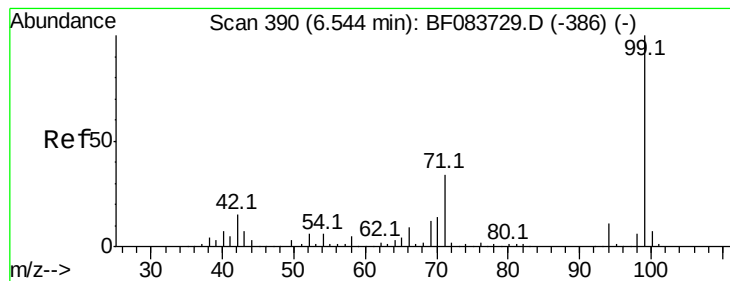


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 21.61 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

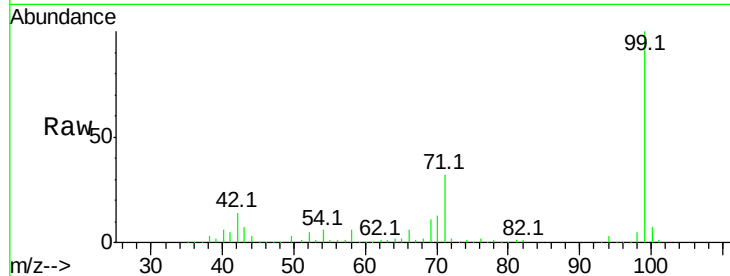
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 270807

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.2
71	32.2	26.9	40.3

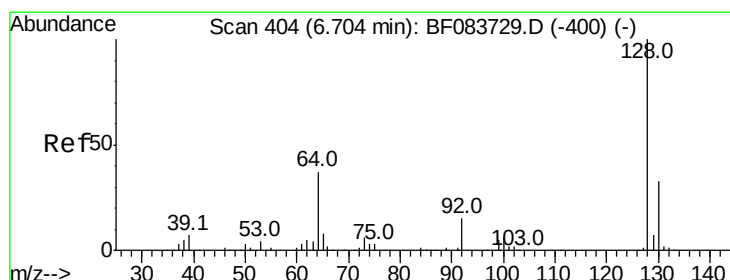
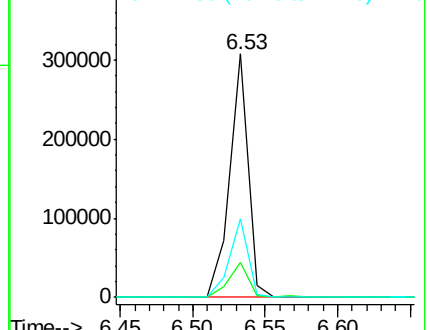
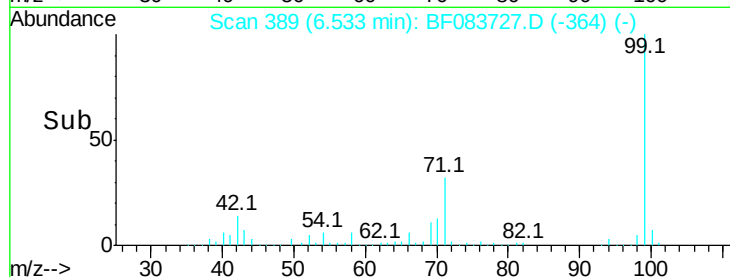


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 10.59 ng

RT: 6.69 min Scan# 403

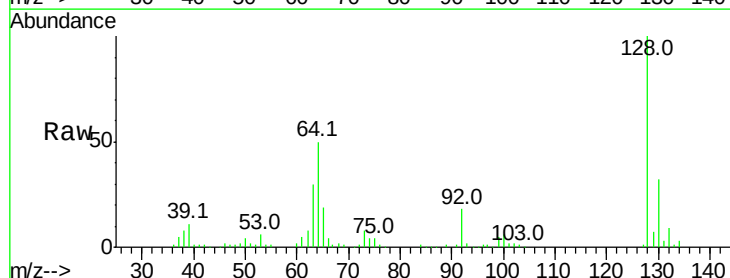
Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Tgt Ion: 128 Resp: 118926

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.4	53.4
64	49.5	17.1	57.1

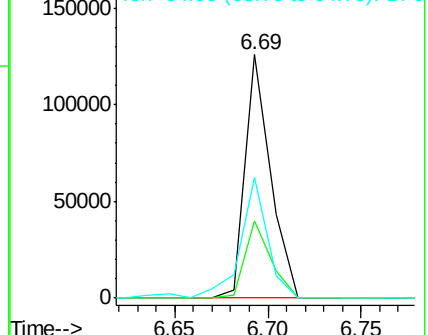
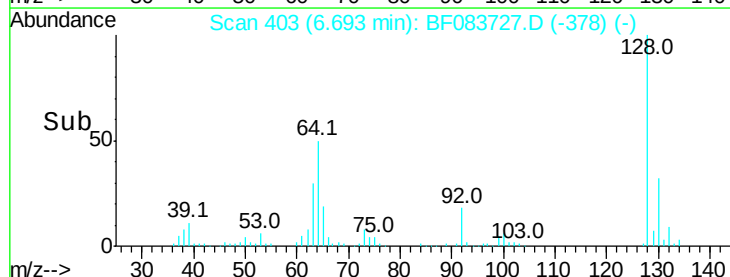


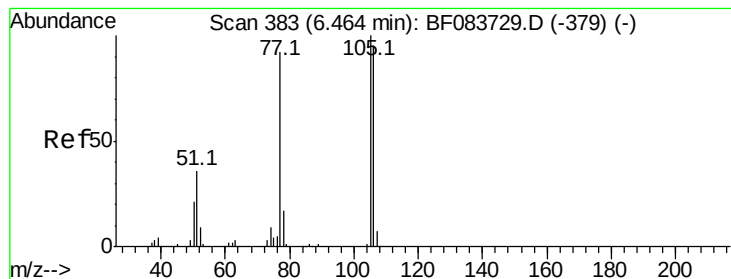
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.20 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

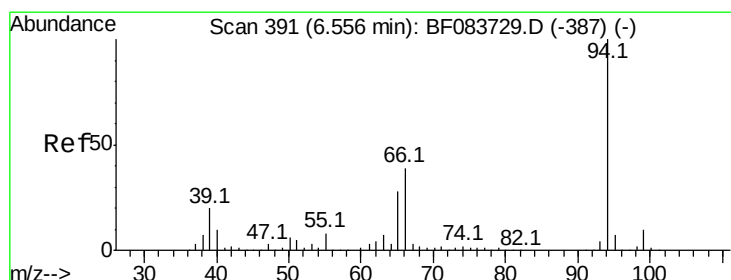
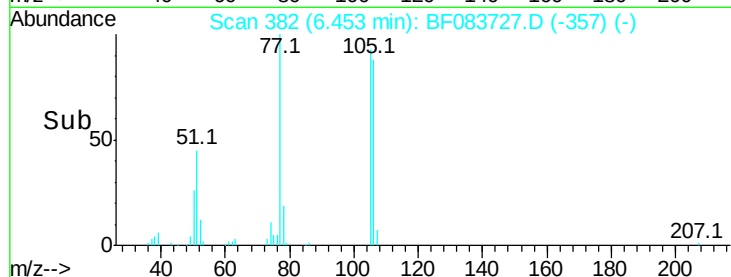
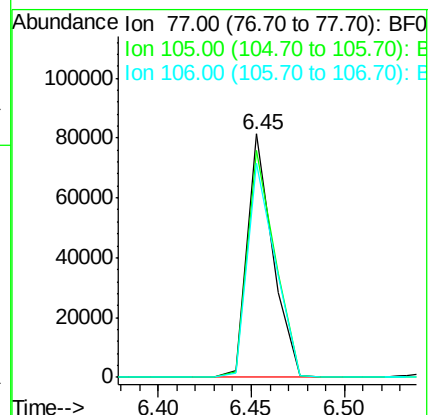
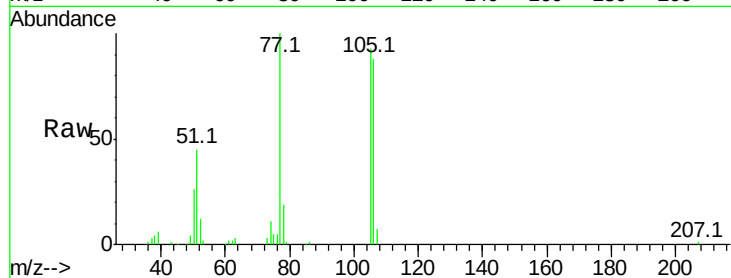
Tot Ion: 77 Resp: 77159

Ion Ratio Lower Upper

77 100

105 93.5 88.5 128.5

106 87.8 82.8 122.8



#10

Phenol

Concen: 10.90 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

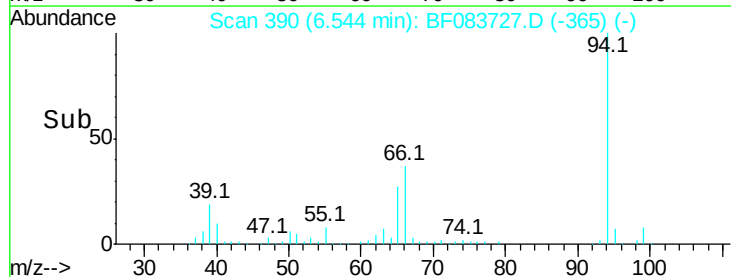
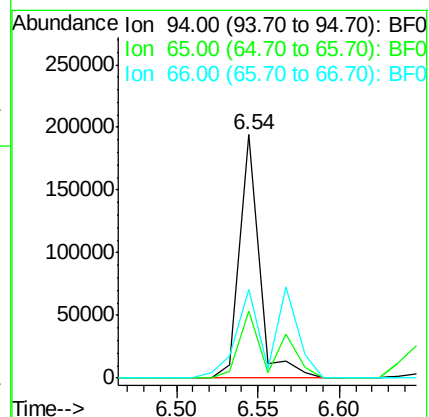
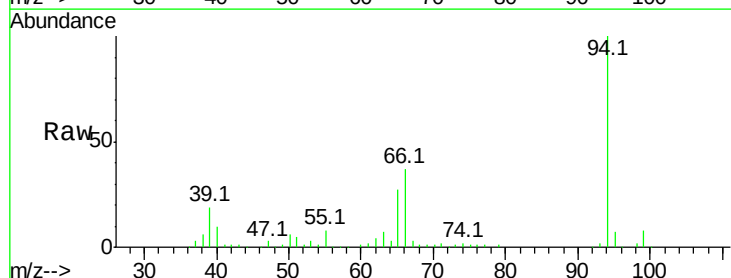
Tgt Ion: 94 Resp: 160425

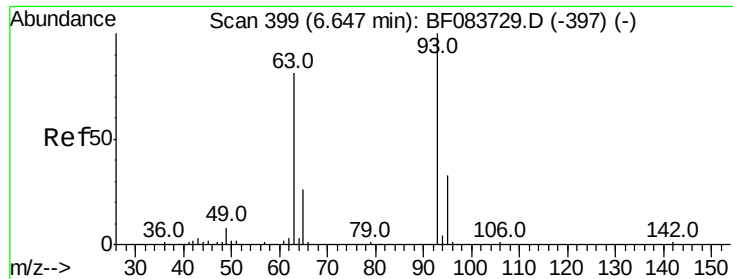
Ion Ratio Lower Upper

94 100

65 27.3 8.0 48.0

66 36.7 19.1 59.1

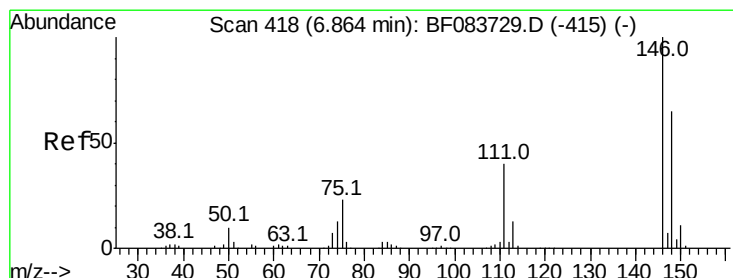
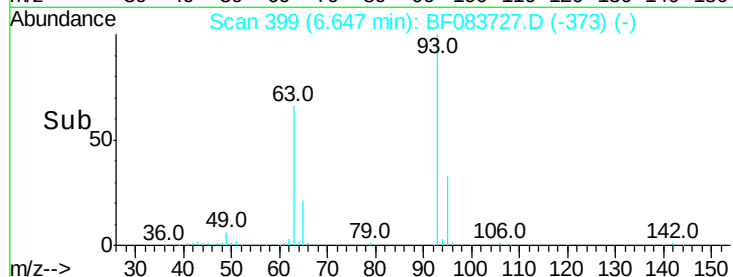
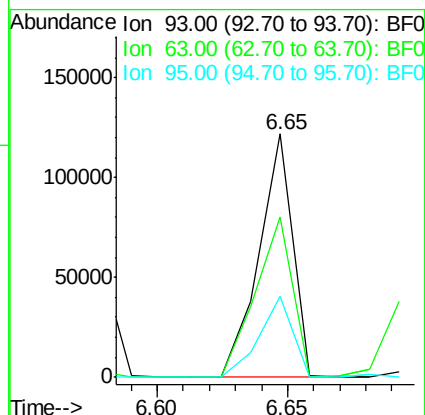
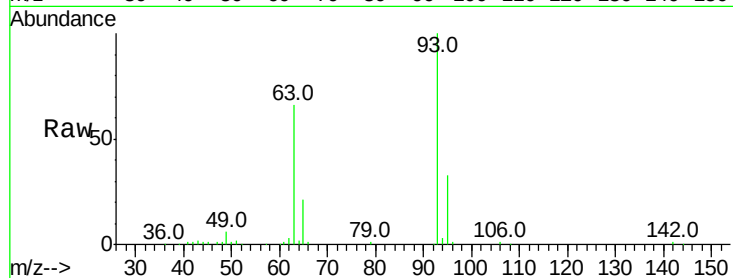




#11
bis(2-Chloroethyl)ether
Concen: 10.62 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

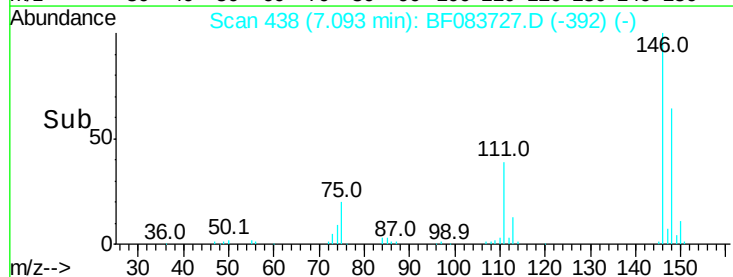
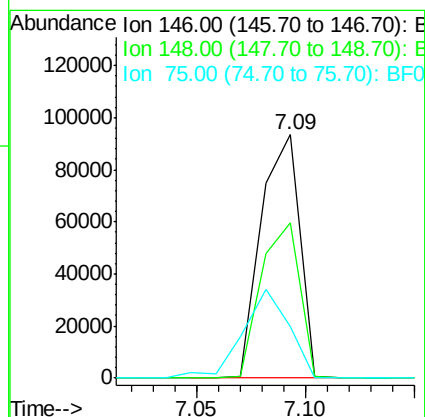
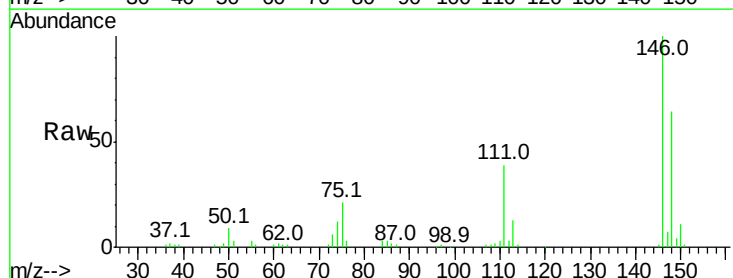
Instrument :
BNA_F
ClientSampleId :

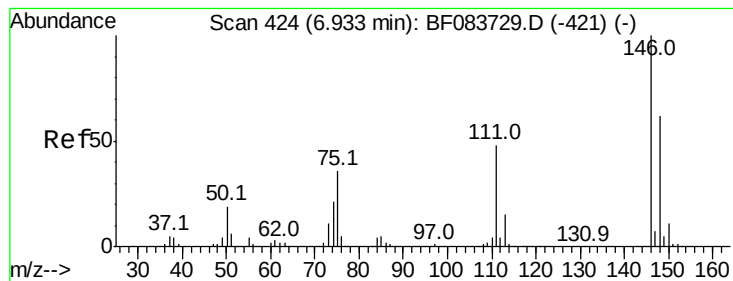
Tot Ion: 93 Resp: 110506
Ion Ratio Lower Upper
93 100
63 65.8 60.7 100.7
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 9.45 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.23 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Tgt Ion: 146 Resp: 116346
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
75 21.4 18.8 28.2





#13

1,4-Dichlorobenzene

Concen: 10.78 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampled :

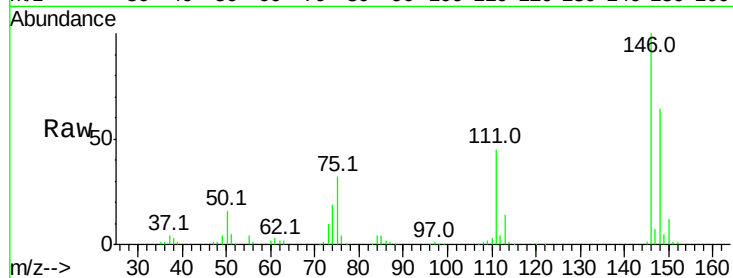
Tot Ion:146 Resp: 131725

Ion Ratio Lower Upper

146 100

148 64.0 50.0 75.0

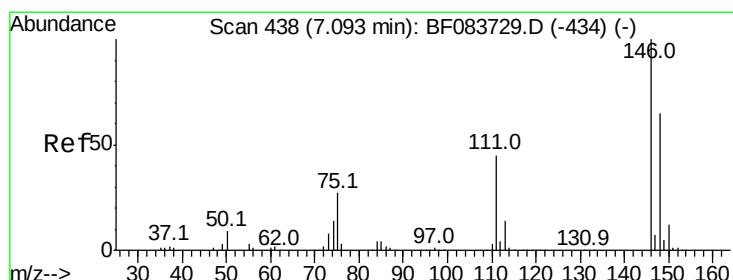
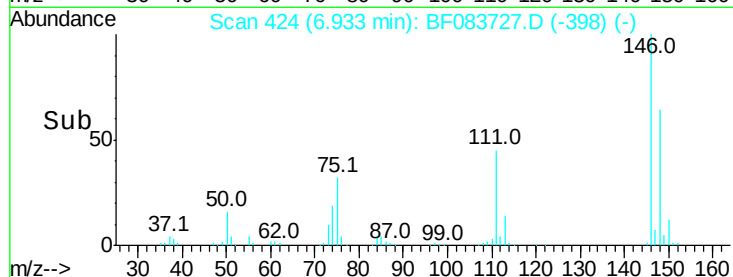
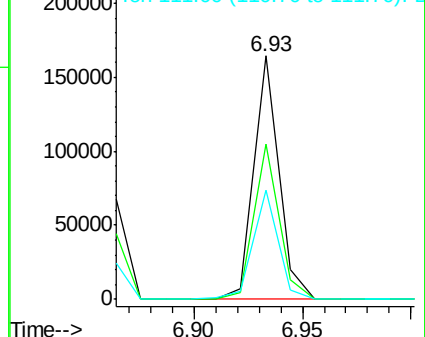
111 45.1 38.1 57.1



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: 10.16 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

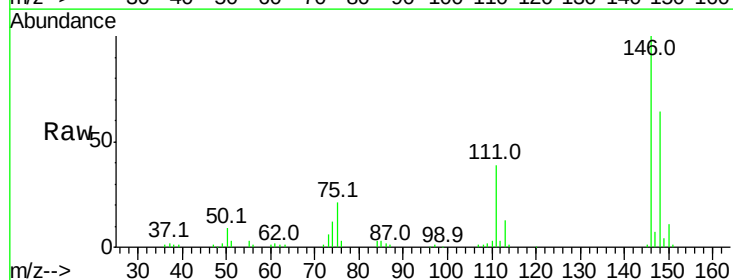
Tgt Ion:146 Resp: 116350

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.4

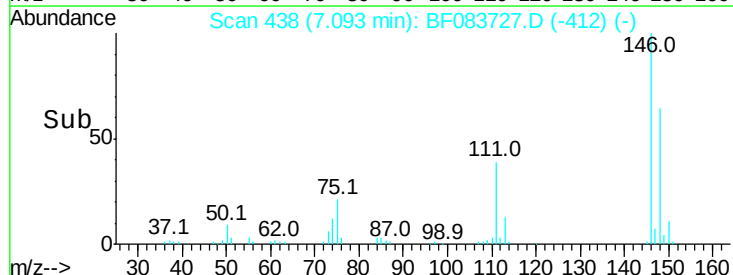
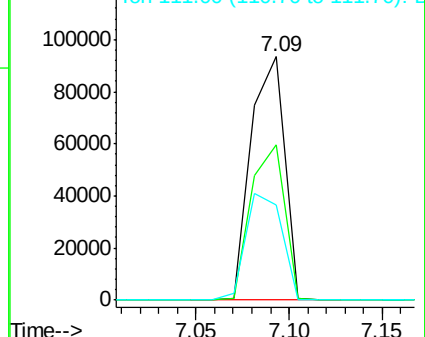
111 39.0 35.8 53.6

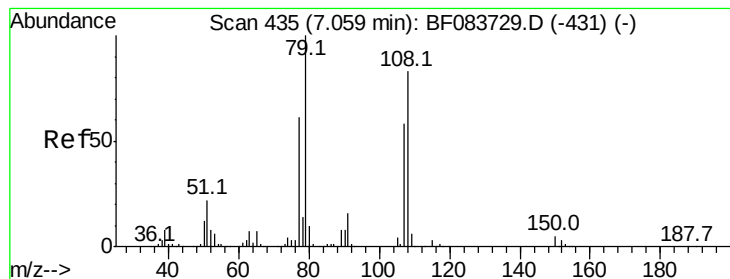


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.22 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

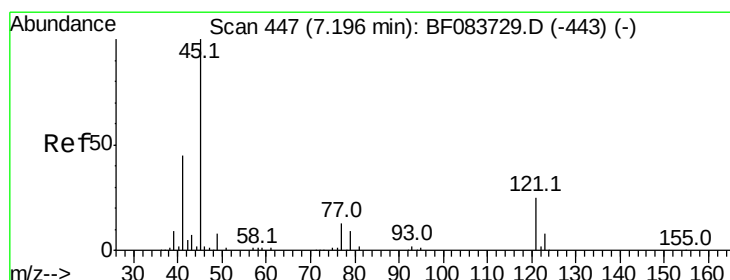
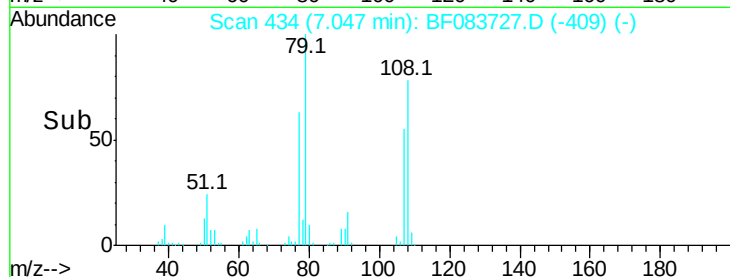
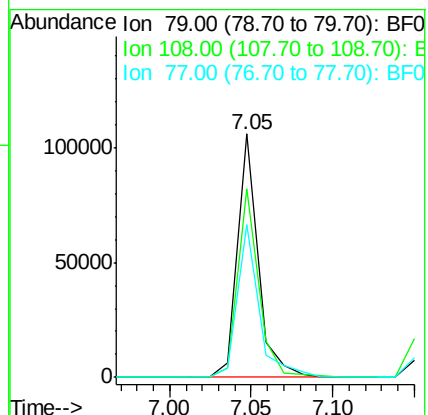
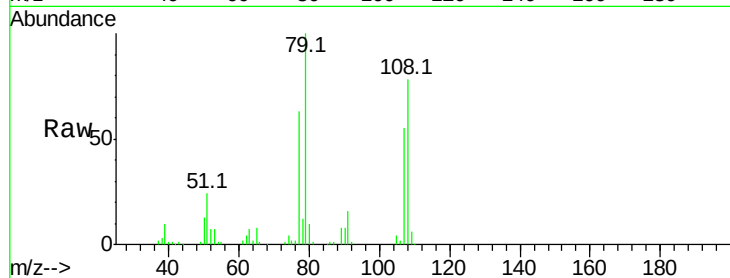
Tot Ion: 79 Resp: 92122

Ion Ratio Lower Upper

79 100

108 77.5 66.3 99.5

77 62.8 48.5 72.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 9.53 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

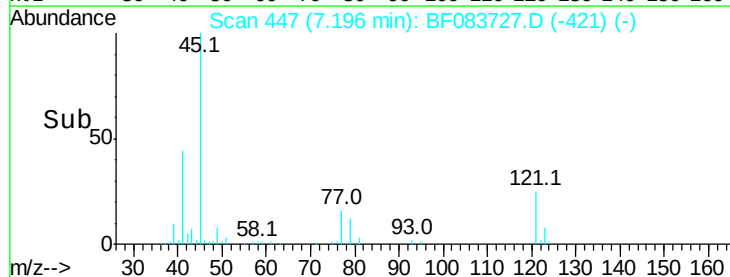
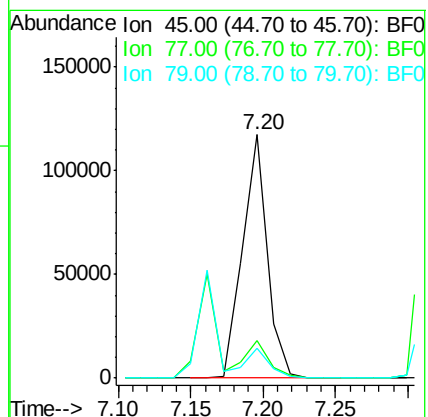
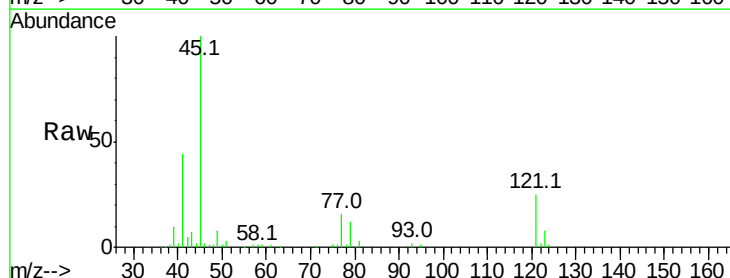
Tgt Ion: 45 Resp: 138448

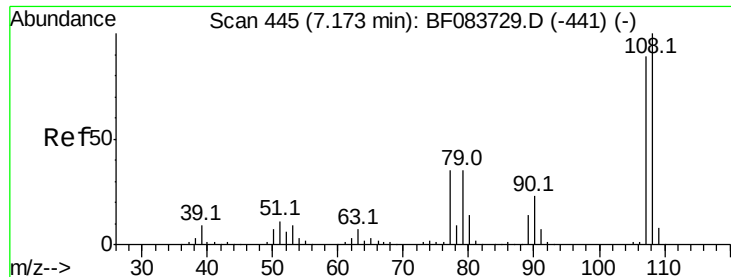
Ion Ratio Lower Upper

45 100

77 15.5 0.0 36.3

79 12.1 0.0 32.0

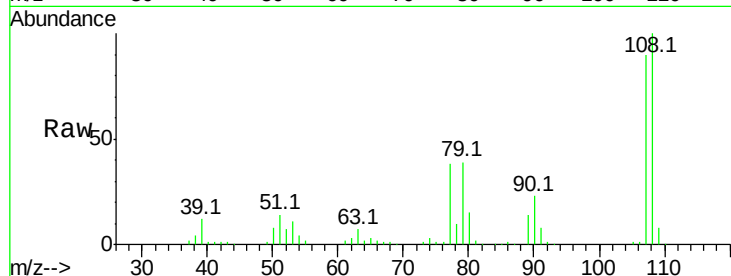




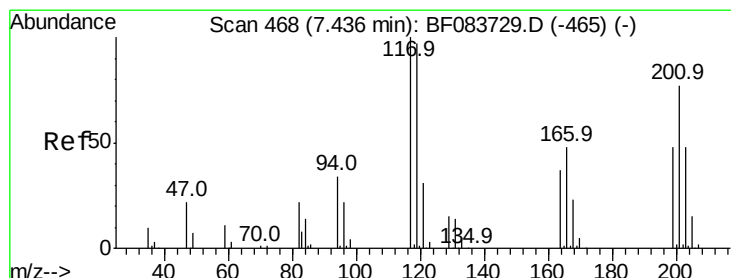
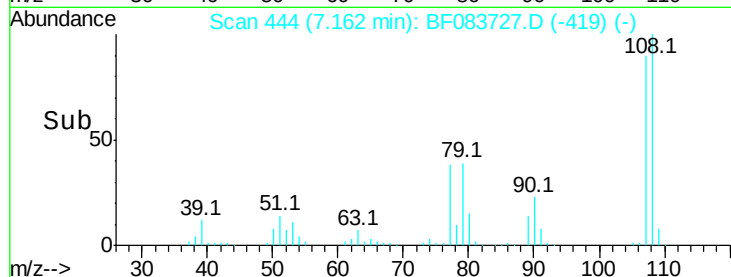
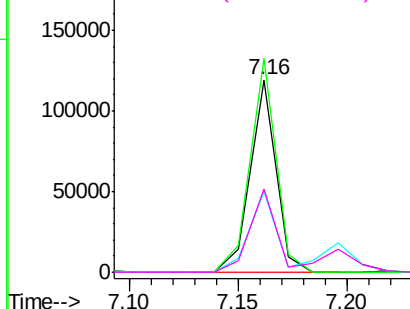
#17
2-Methylphenol
Concen: 10.91 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 98384
Ion Ratio Lower Upper
107 100
108 110.9 89.5 134.3
77 42.2 31.0 46.4
79 43.4 31.4 47.2

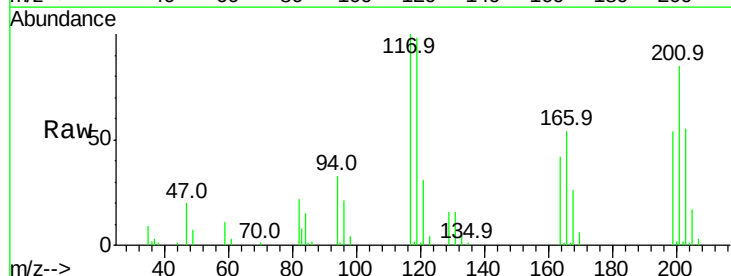


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

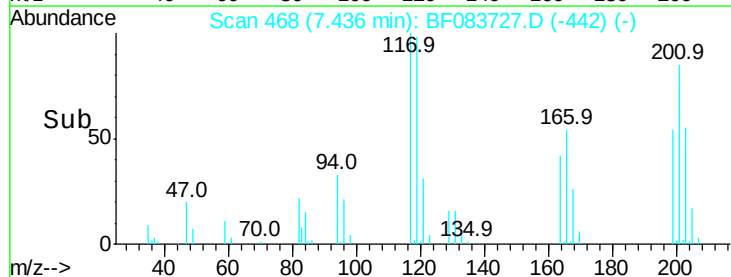
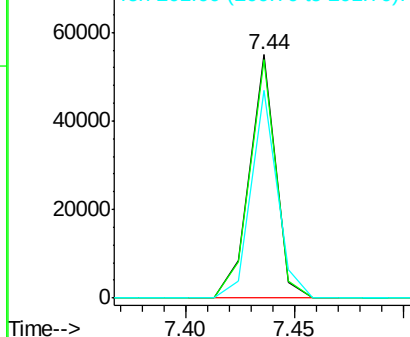


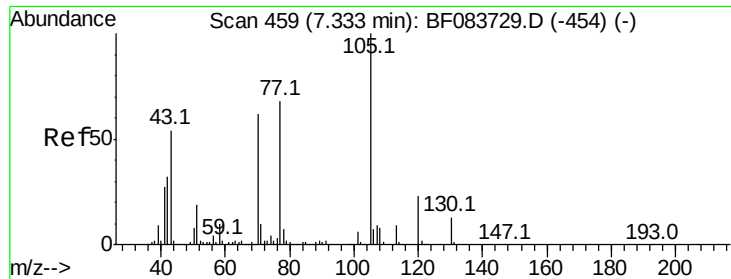
#18
Hexachloroethane
Concen: 11.00 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Tgt Ion:117 Resp: 46061
Ion Ratio Lower Upper
117 100
119 98.2 77.4 116.0
201 85.2 61.3 91.9



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

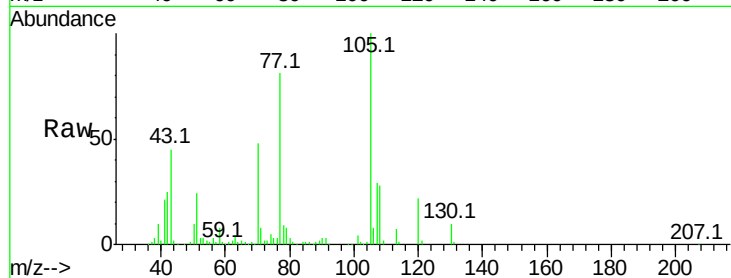




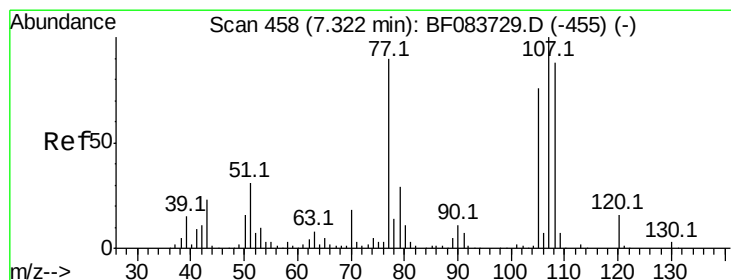
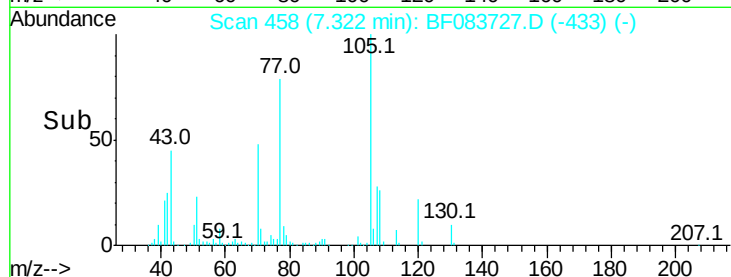
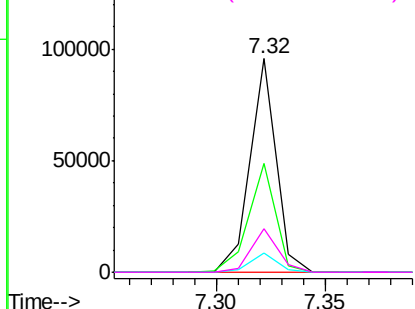
#19
n-Nitroso-di-n-propylamine
Concen: 11.08 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 79759
Ion Ratio Lower Upper
70 100
42 51.0 41.4 62.2
101 9.1 7.7 11.5
130 20.3 16.4 24.6

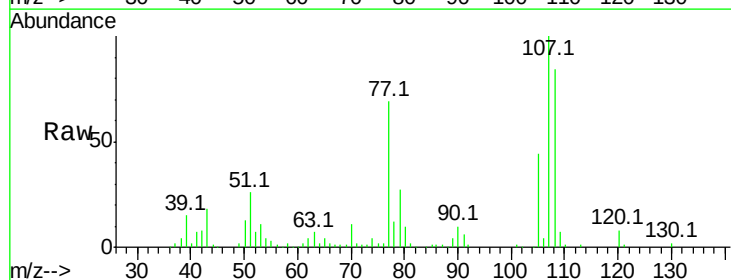


Abundance Ion 70.00 (69.70 to 70.70): BF0
150000
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

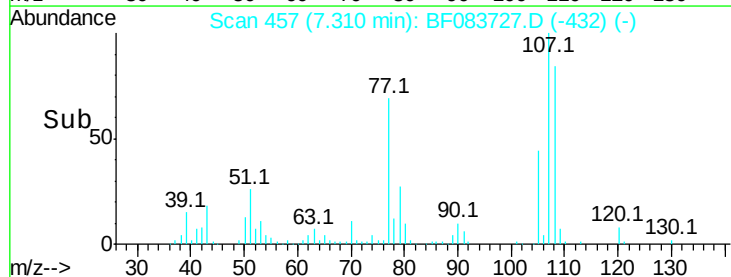
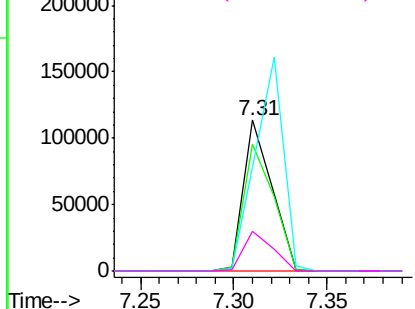


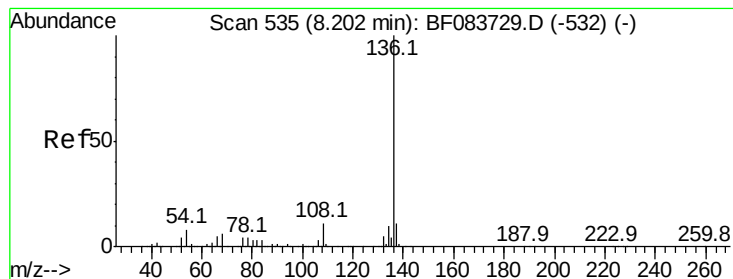
#20
3+4-Methylphenols
Concen: 11.09 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Tgt Ion:107 Resp: 120613
Ion Ratio Lower Upper
107 100
108 84.2 68.3 108.3
77 68.9 69.9 109.9#
79 26.7 9.1 49.1



Abundance Ion 107.00 (106.70 to 107.70): E
250000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 627392

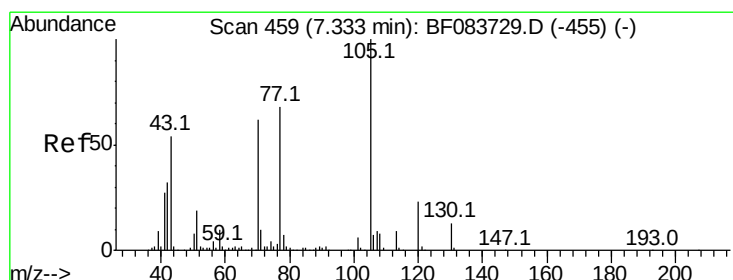
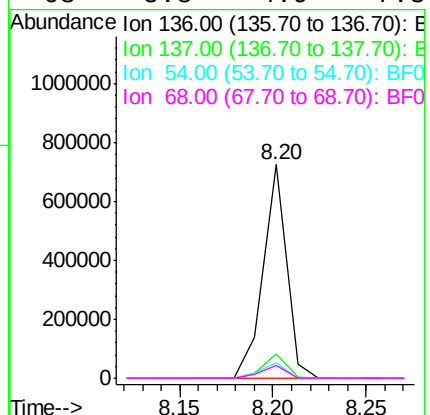
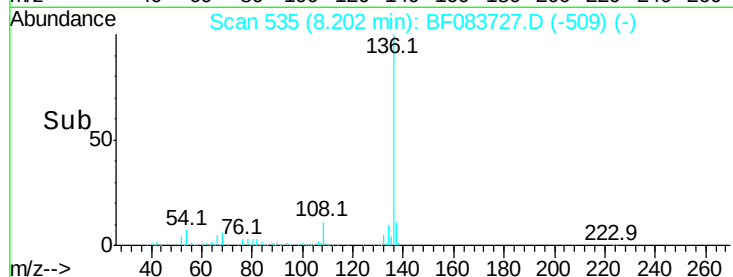
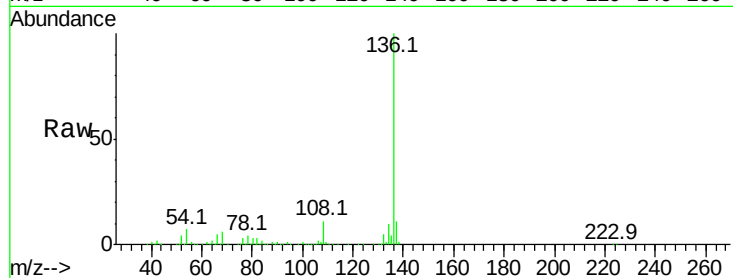
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.1 6.5 9.7

68 5.8 4.9 7.3



#22

Acetophenone

Concen: 11.50 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Tgt Ion:105 Resp: 175752

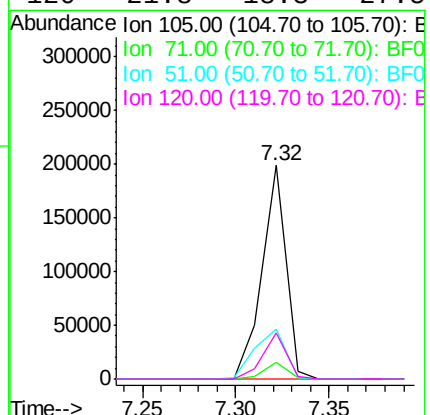
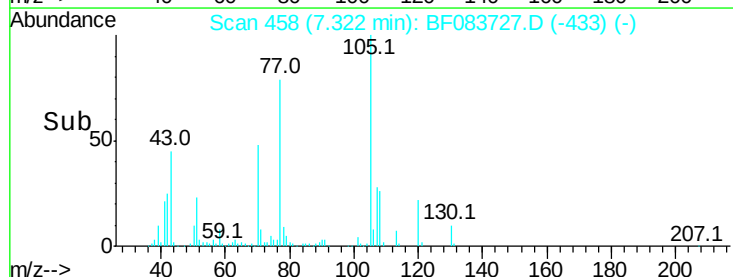
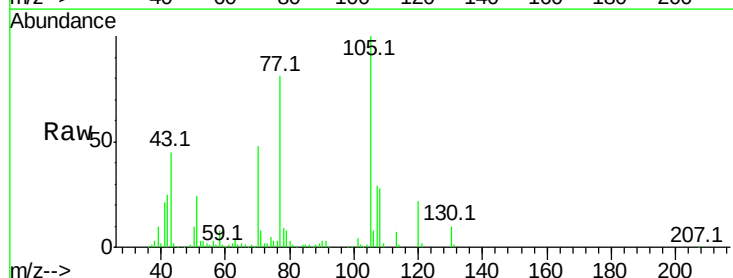
Ion Ratio Lower Upper

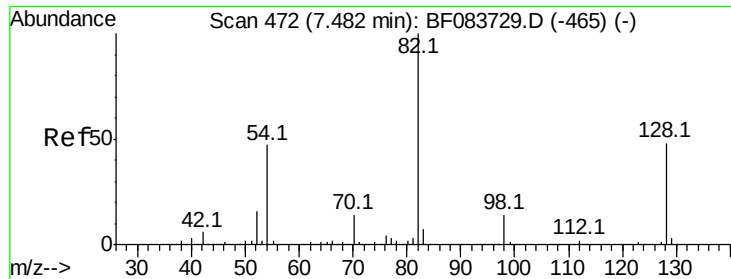
105 100

71 8.0 8.2 12.4#

51 23.5 15.0 22.6#

120 21.8 18.3 27.5

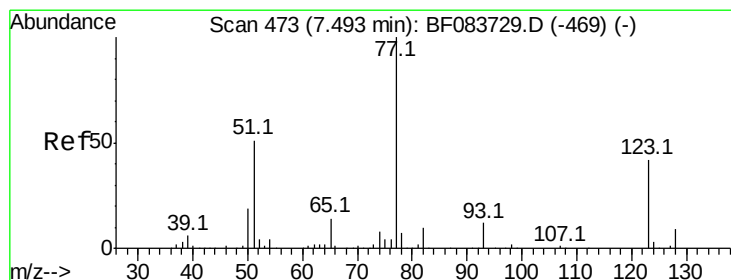
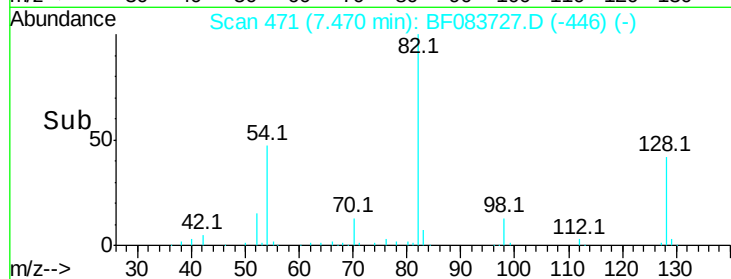
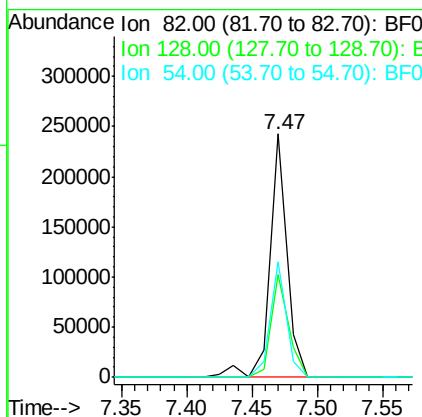
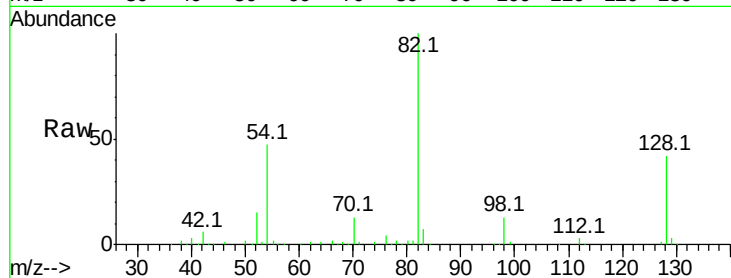




#23
 Nitrobenzene-d5
 Concen: 23.74 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

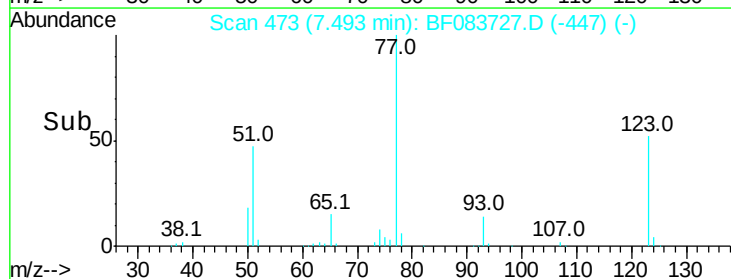
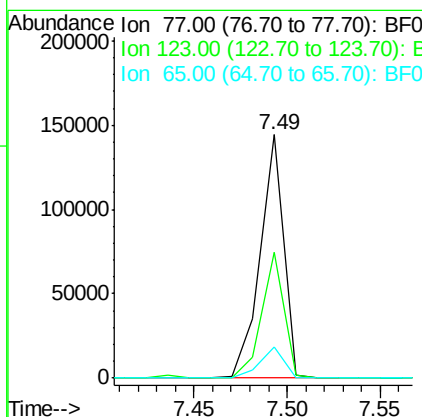
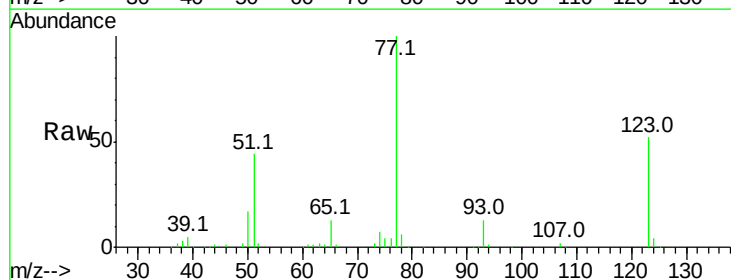
Instrument :
 BNA_F
 ClientSampleId :

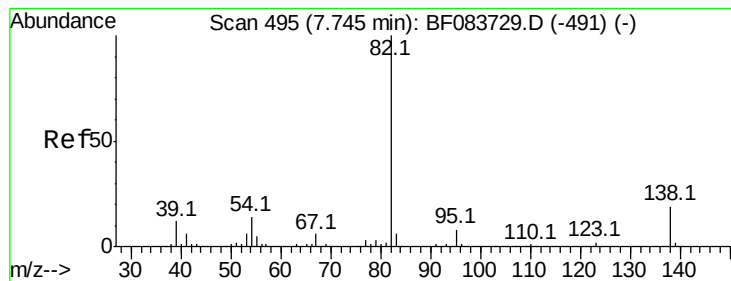
Tot Ion	82	Resp	225379
Ion Ratio	100	Lower	Upper
128	42.3	38.2	57.4
54	47.3	37.6	56.4



#24
 Nitrobenzene
 Concen: 11.96 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion	77	Resp	125021
Ion Ratio	100	Lower	Upper
123	51.6	33.7	50.5#
65	12.8	10.8	16.2





#25

Isophorone

Concen: 11.01 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

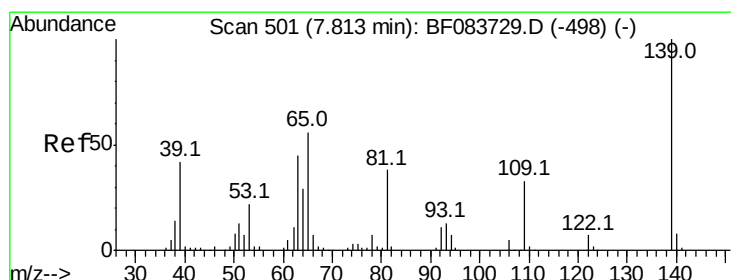
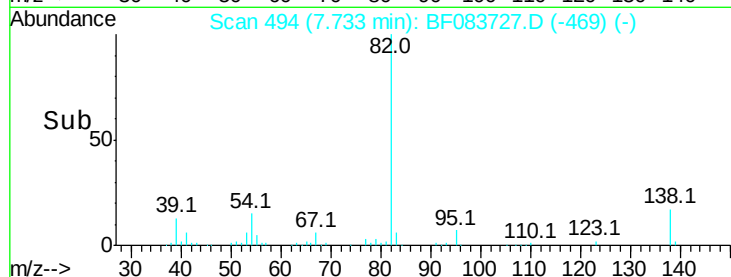
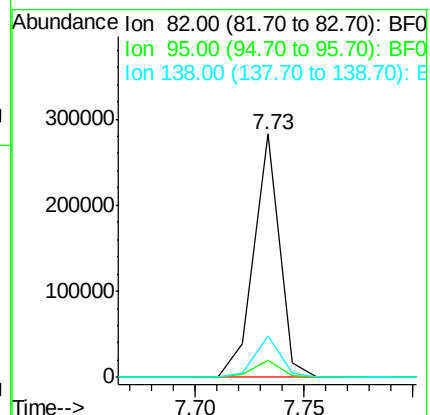
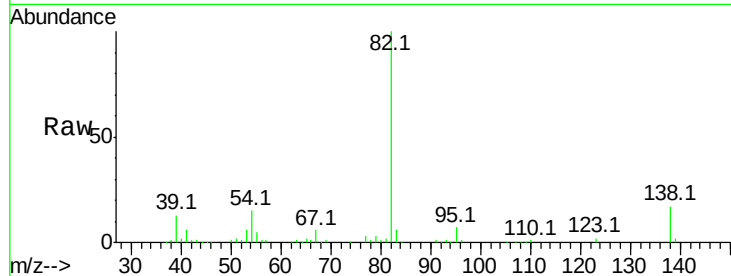
Tot Ion: 82 Resp: 232309

Ion Ratio Lower Upper

82 100

95 7.0 6.0 9.0

138 17.0 15.5 23.3



#26

2-Nitrophenol

Concen: 12.25 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

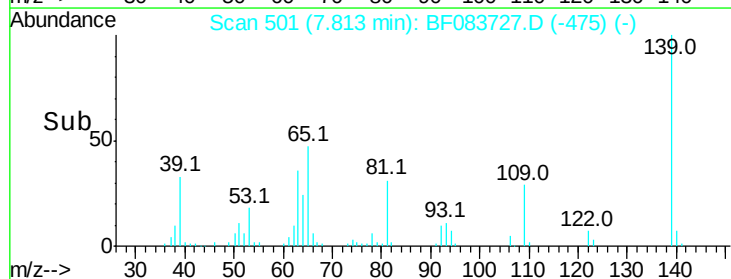
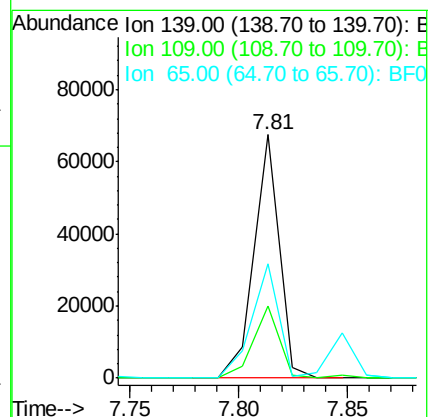
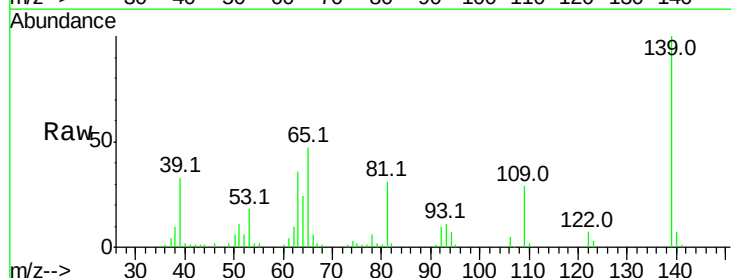
Tgt Ion: 139 Resp: 54415

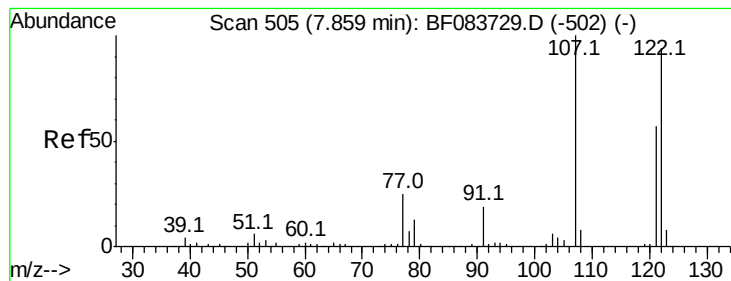
Ion Ratio Lower Upper

139 100

109 29.4 26.0 39.0

65 46.9 44.6 66.8

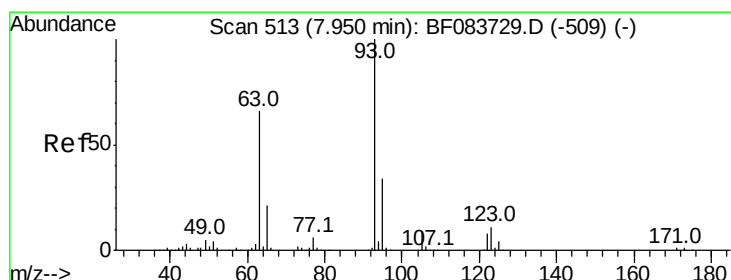
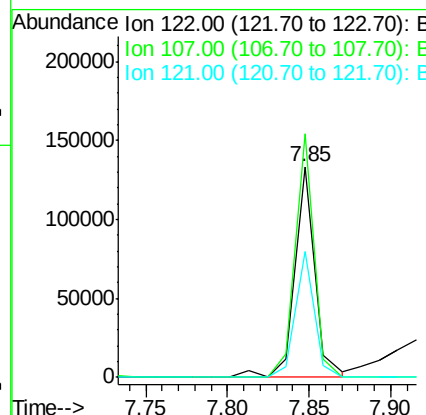
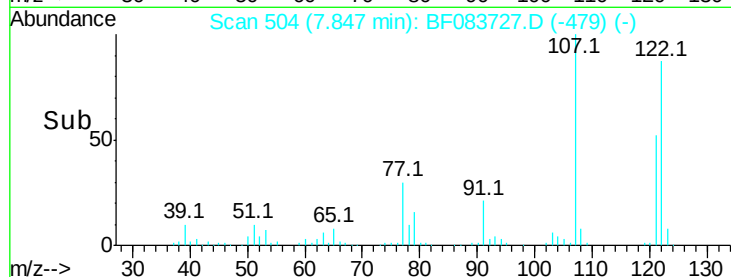
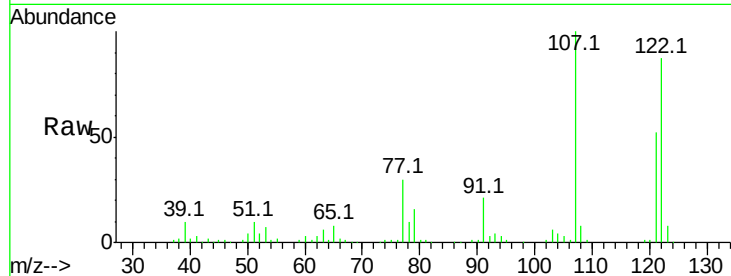




#27
 2,4-Dimethylphenol
 Concen: 11.01 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

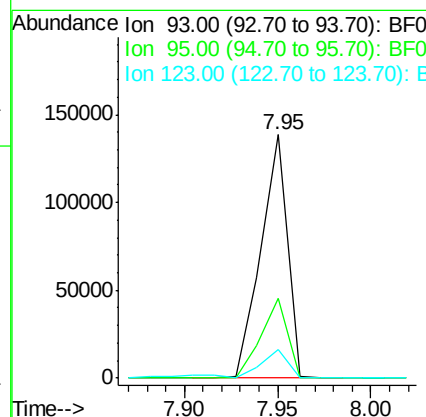
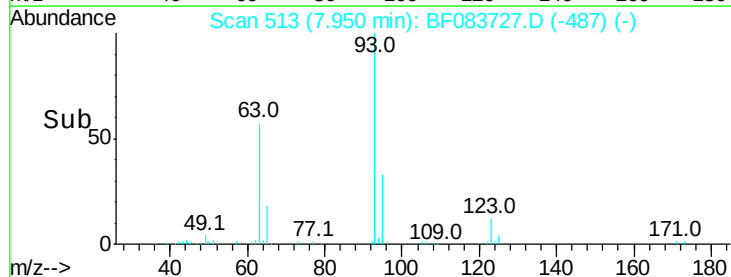
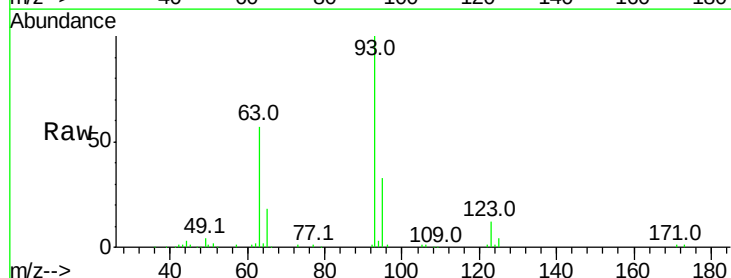
Instrument :
 BNA_F
 ClientSampleId :

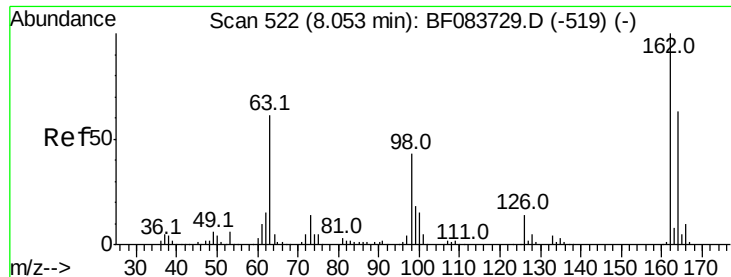
Tot Ion:122 Resp: 115499
 Ion Ratio Lower Upper
 122 100
 107 115.5 83.9 125.9
 121 59.8 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 11.47 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion: 93 Resp: 135608
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.9 40.3
 123 12.0 9.3 13.9

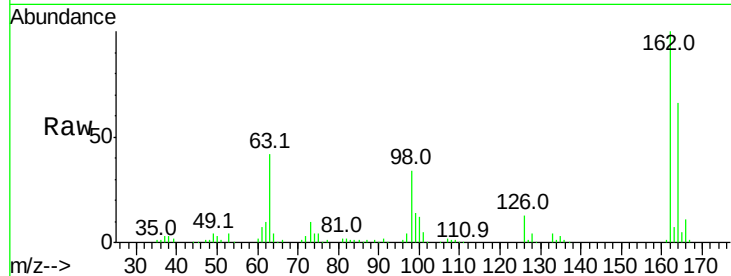




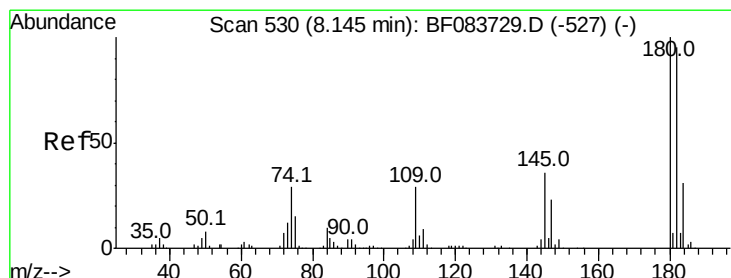
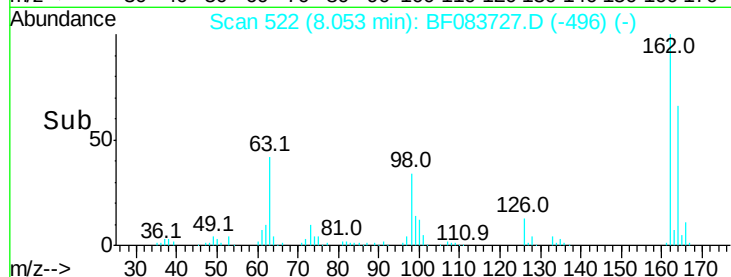
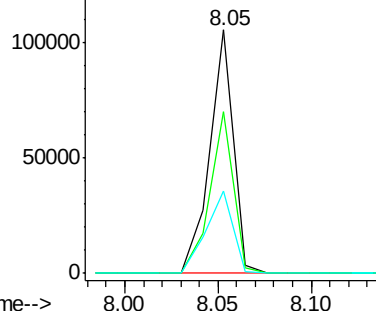
#29
 2,4-Dichlorophenol
 Concen: 10.94 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	42.8	82.8
98	33.9	23.1	63.1

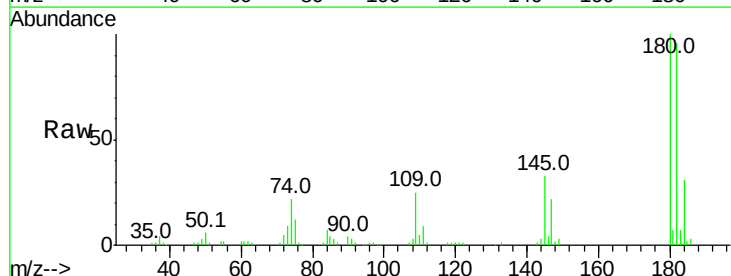


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

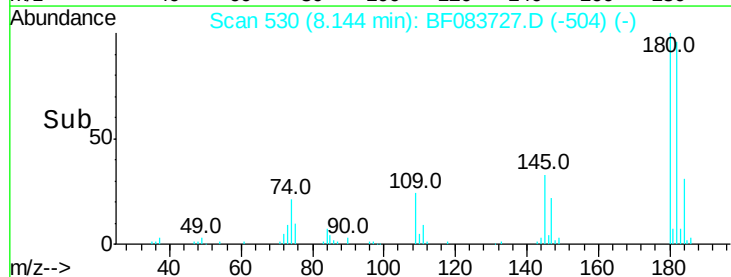
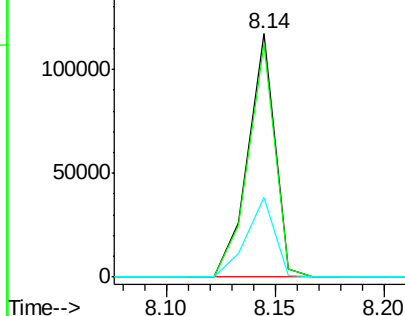


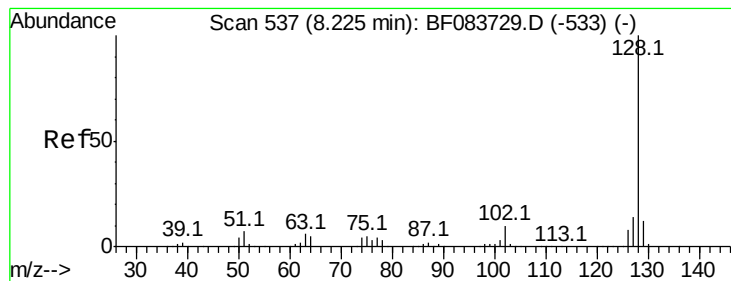
#30
 1,2,4-Trichlorobenzene
 Concen: 10.73 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.8
145	32.8	29.0	43.6



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: 11.82 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampled :

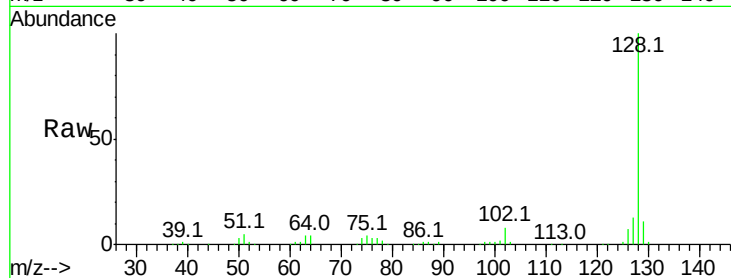
Tot Ion:128 Resp: 367742

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.0

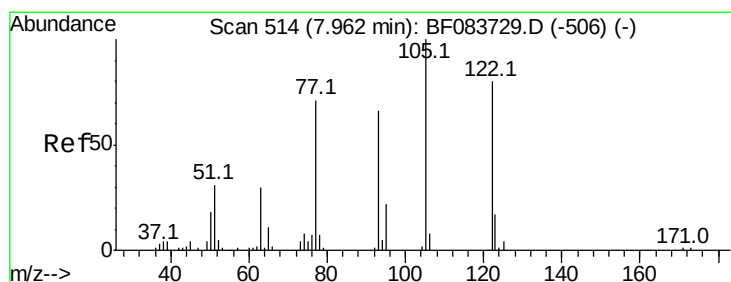
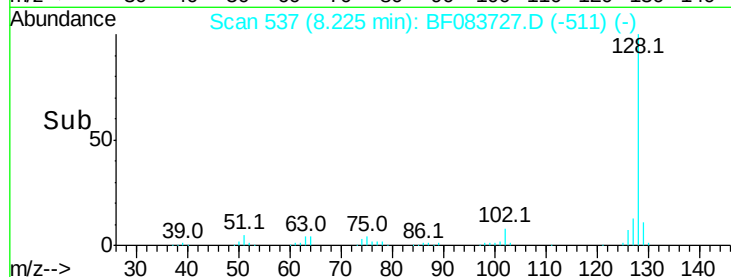
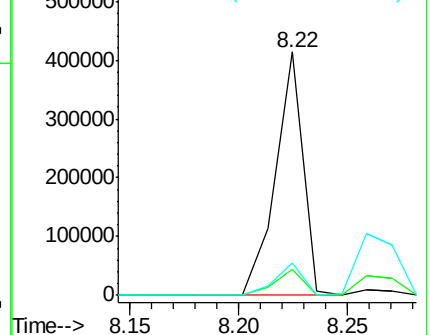
127 13.2 11.0 16.6



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: 8.64 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

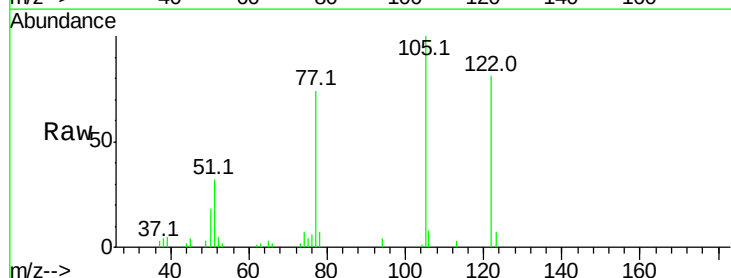
Tgt Ion:122 Resp: 51116

Ion Ratio Lower Upper

122 100

105 123.2 102.6 142.6

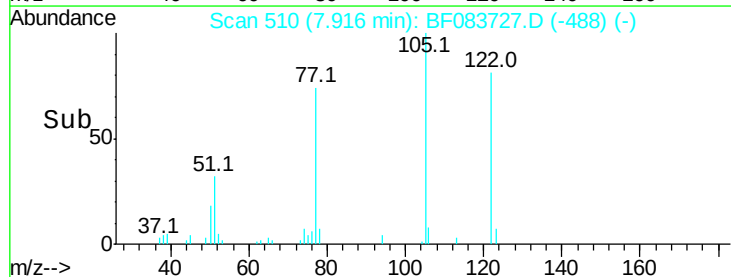
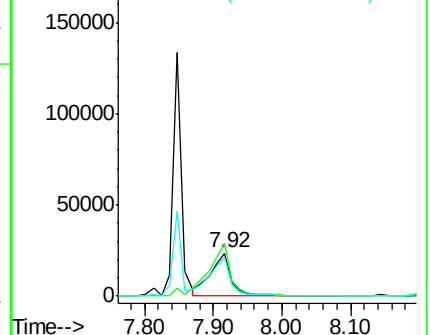
77 91.0 69.1 109.1

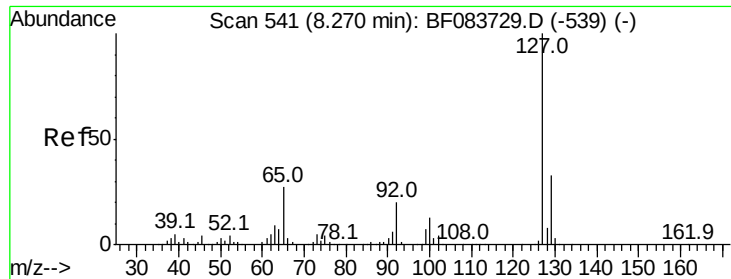


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

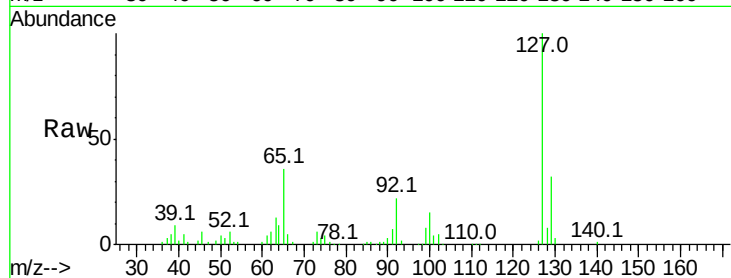




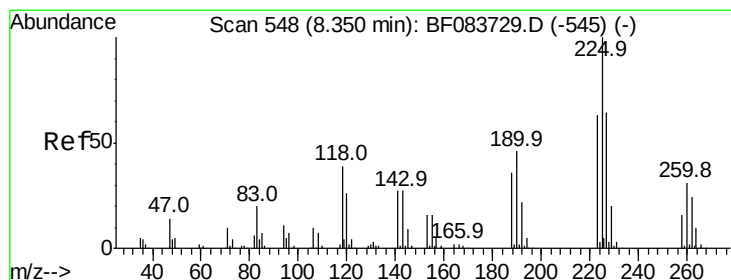
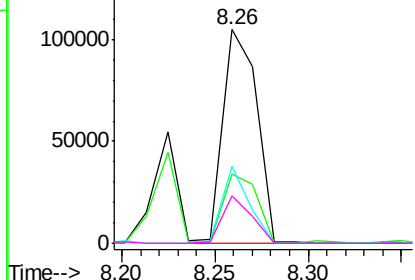
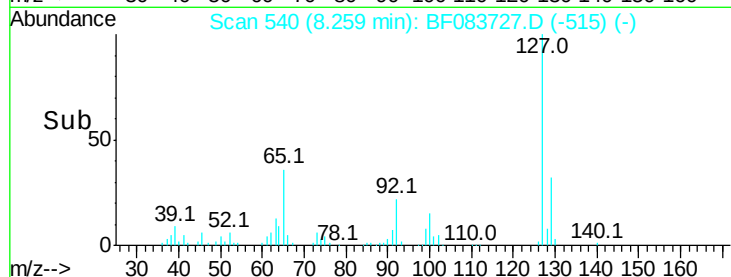
#33
4-Chloroaniline
Concen: 10.05 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	133368
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	36.0	21.7	32.5#
92	22.2	15.8	23.6

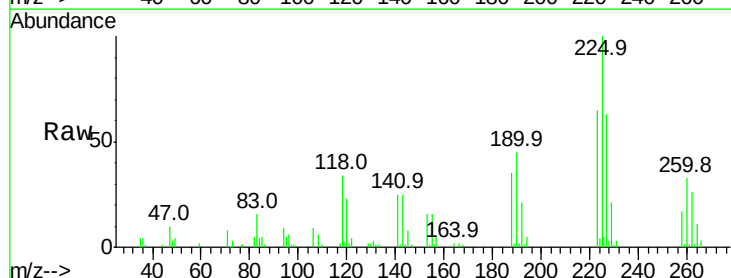


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

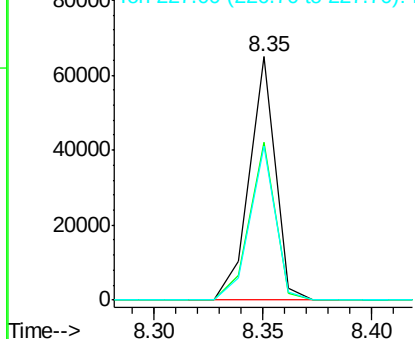
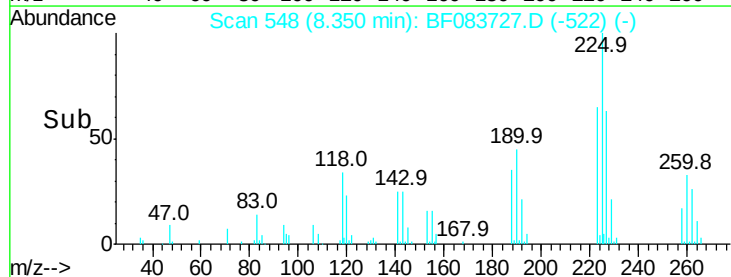


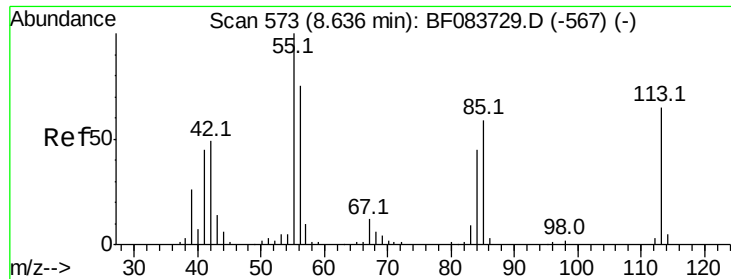
#34
Hexachlorobutadiene
Concen: 10.21 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Tgt Ion:	225	Resp:	53808
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	75.8
227	63.3	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

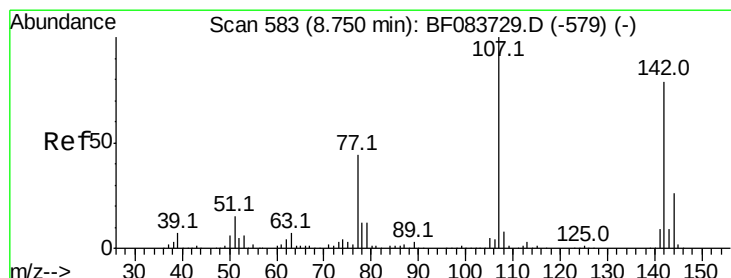
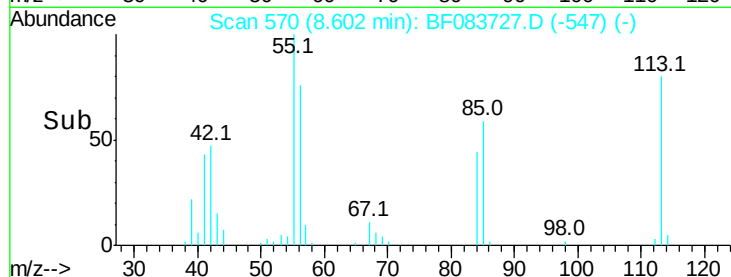
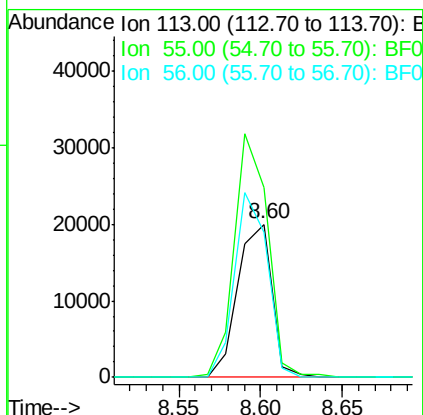
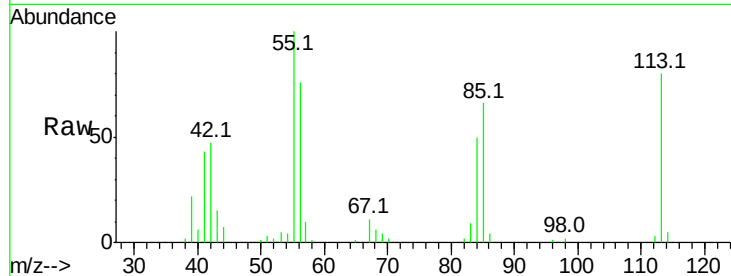




#35
 Caprolactam
 Concen: 10.34 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

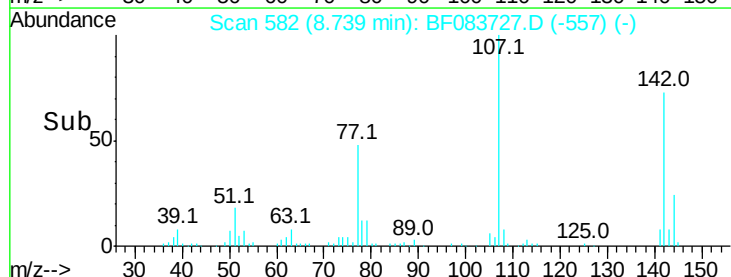
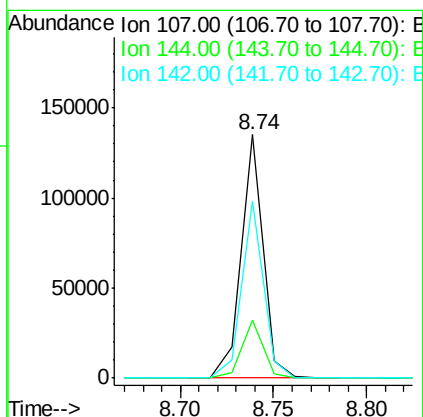
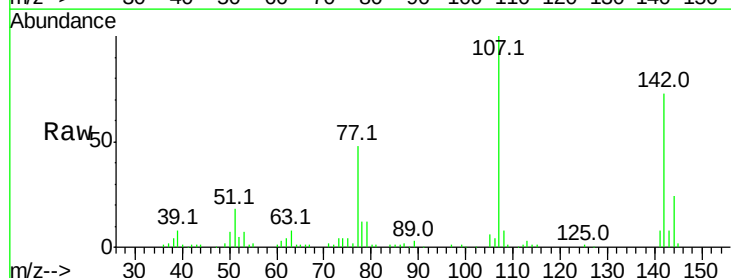
Instrument :
 BNA_F
 ClientSampled :

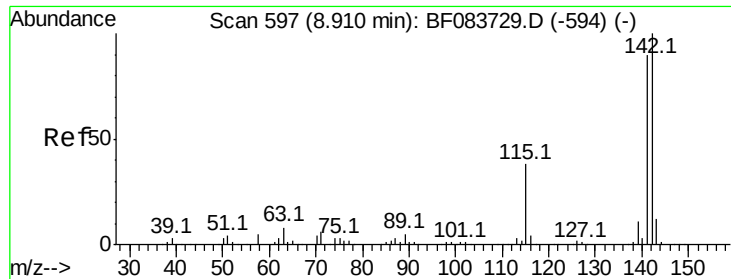
Tot Ion:113 Resp: 28936
 Ion Ratio Lower Upper
 113 100
 55 124.3 133.7 173.7#
 56 94.6 95.4 135.4#



#36
 4-Chloro-3-methylphenol
 Concen: 11.44 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion:107 Resp: 111337
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.5 30.7
 142 72.7 63.4 95.2

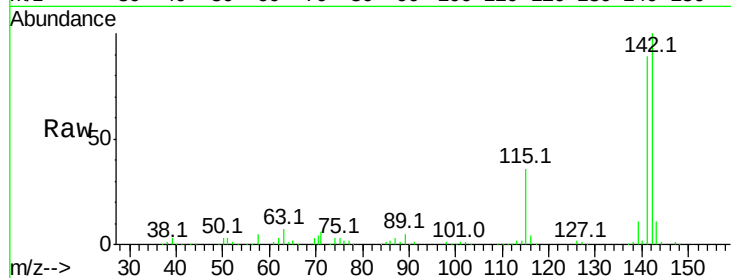




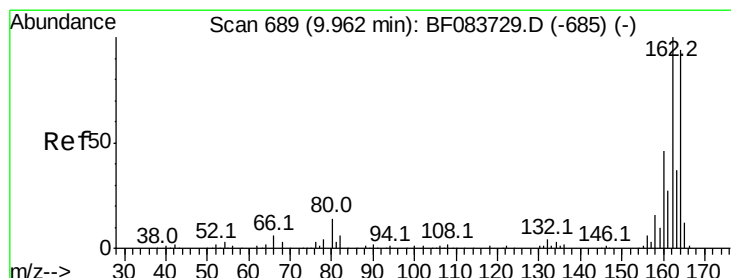
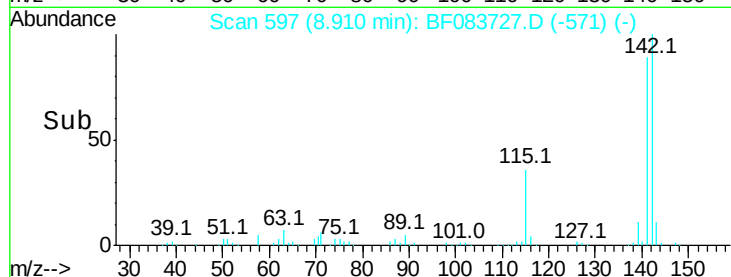
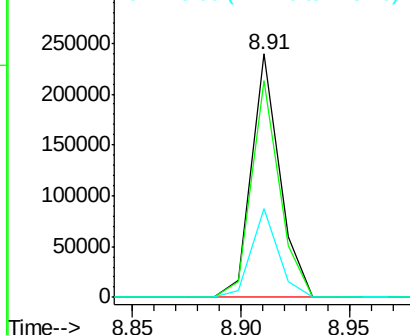
#37
 2-Methylnaphthalene
 Concen: 10.90 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 216158
 Ion Ratio Lower Upper
 142 100
 141 89.0 72.0 108.0
 115 36.2 30.8 46.2

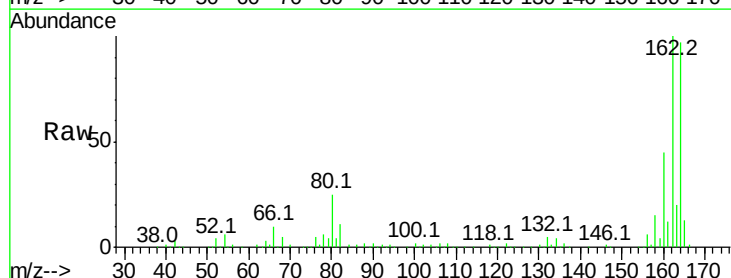


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

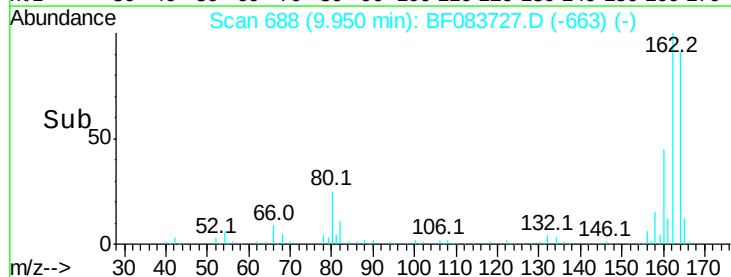
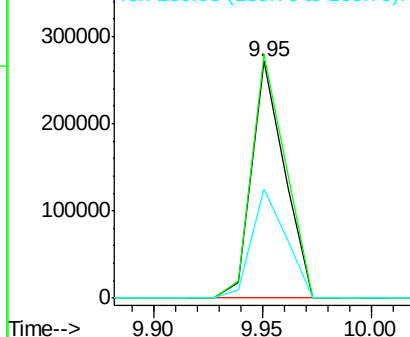


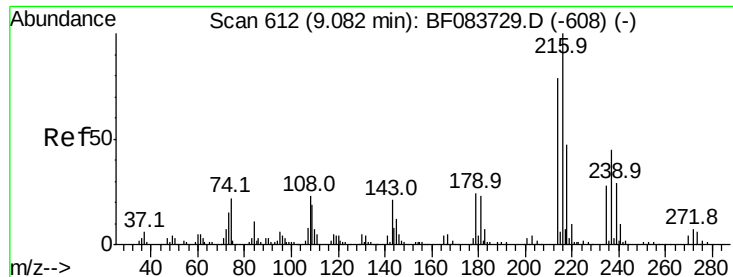
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion:164 Resp: 285164
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.0 127.4
 160 45.9 38.7 58.1



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

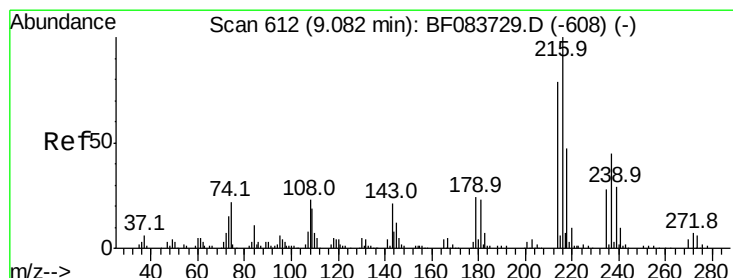
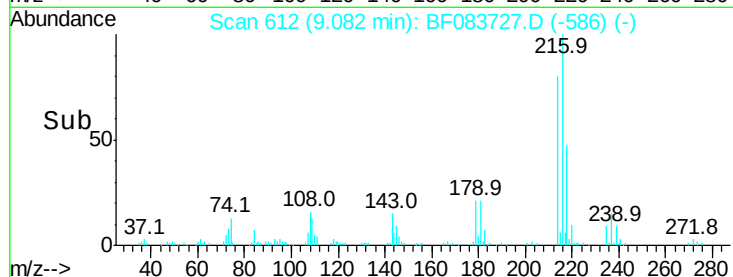
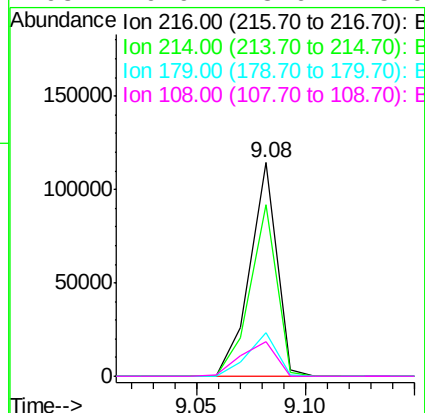
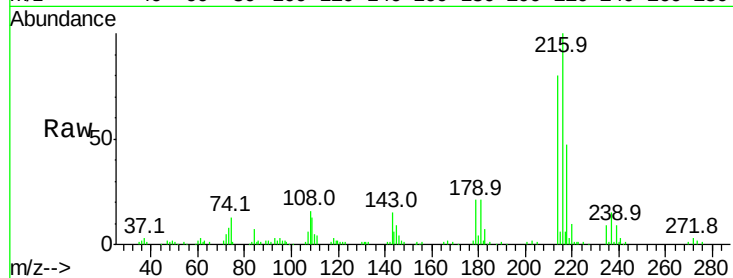




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.31 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

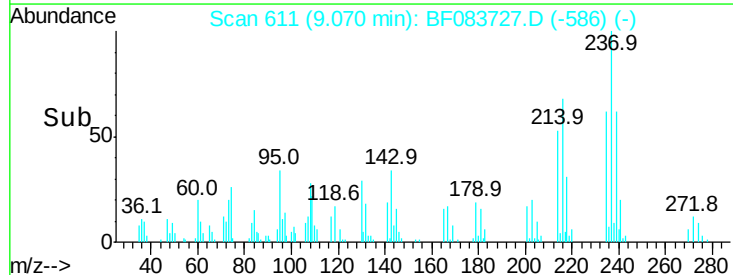
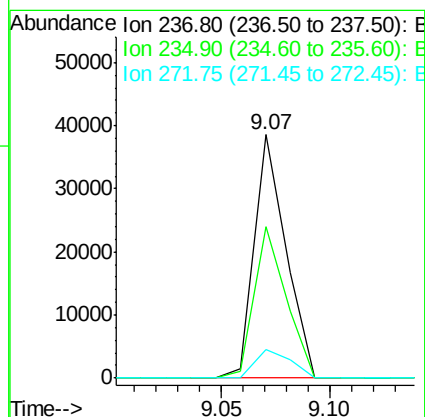
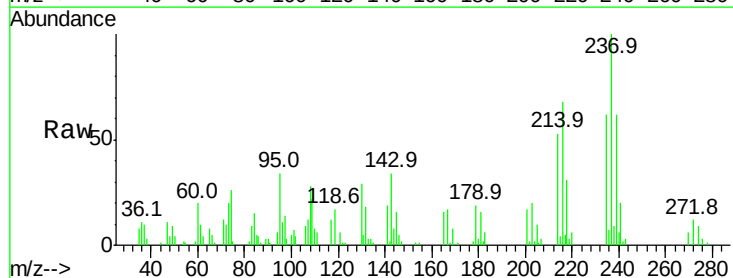
Instrument :
 BNA_F
 ClientSampleId :

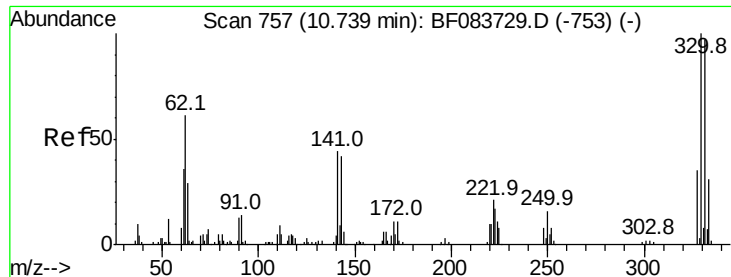
Tot Ion:	216	Resp:	98556
Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.6	93.8
179	21.7	18.2	27.4
108	20.9	18.6	28.0



#40
 Hexachlorocyclopentadiene
 Concen: 9.14 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion:	237	Resp:	38921
Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.8	81.8
272	11.7	0.0	34.9

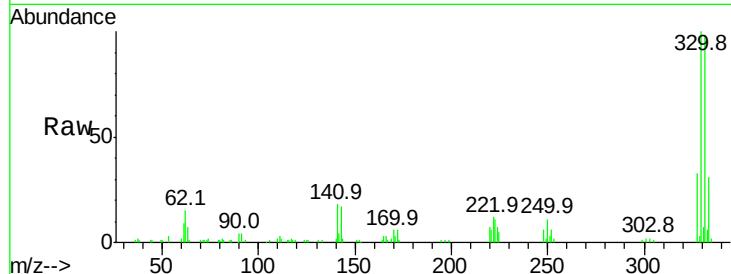




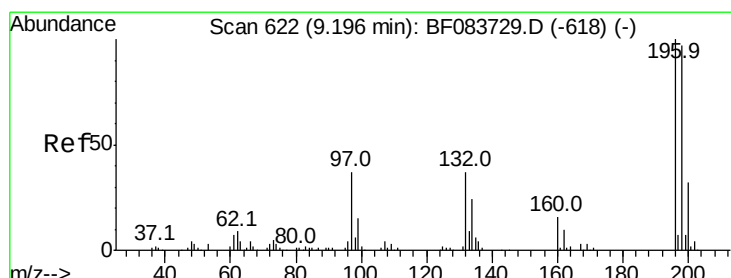
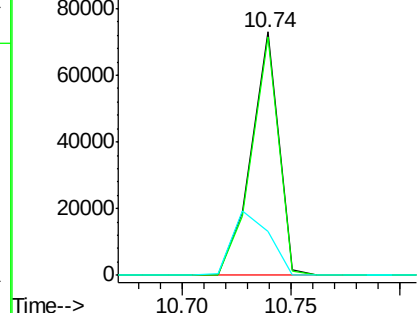
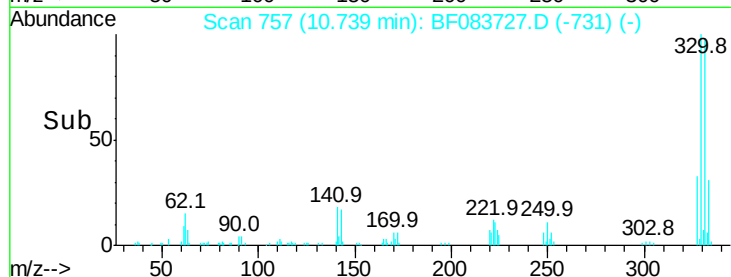
#41
 2,4,6-Tribromophenol
 Concen: 23.58 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	35.7	31.9	47.9

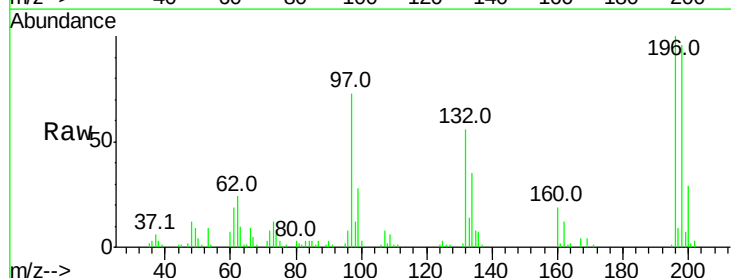


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

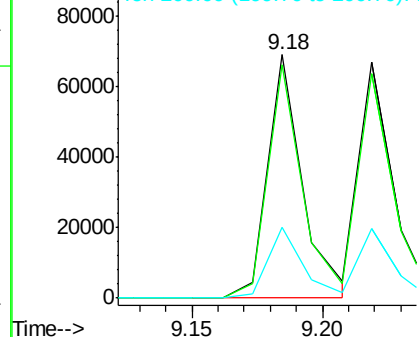
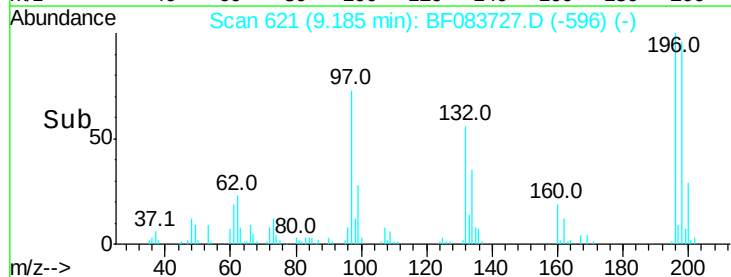


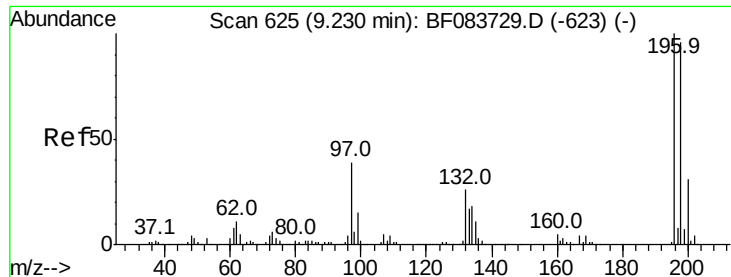
#42
 2,4,6-Trichlorophenol
 Concen: 10.63 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.8	116.6
200	29.0	25.6	38.4



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

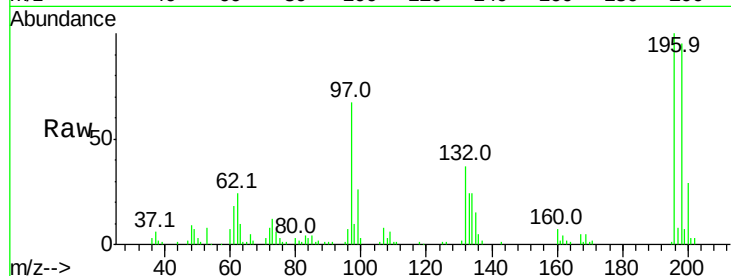




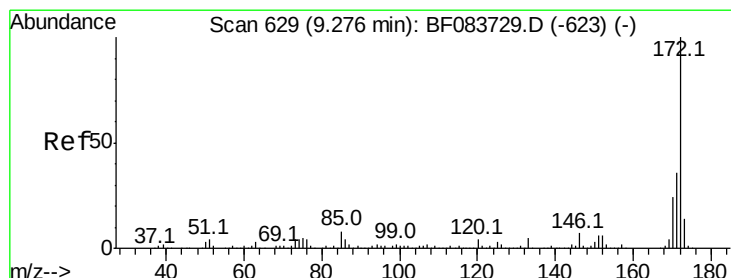
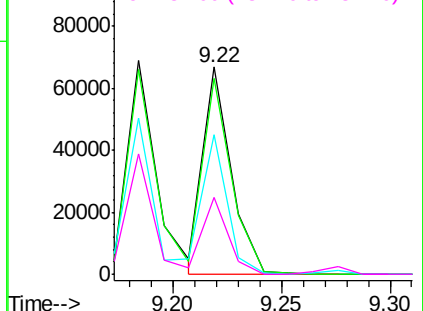
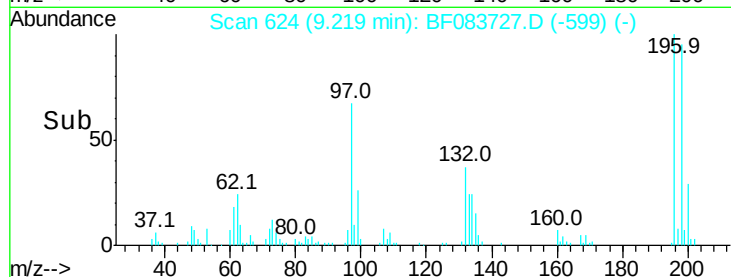
#43
 2,4,5-Trichlorophenol
 Concen: 9.98 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 59831
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.1 115.7
 97 67.5 32.8 49.2#
 132 37.4 21.3 31.9#

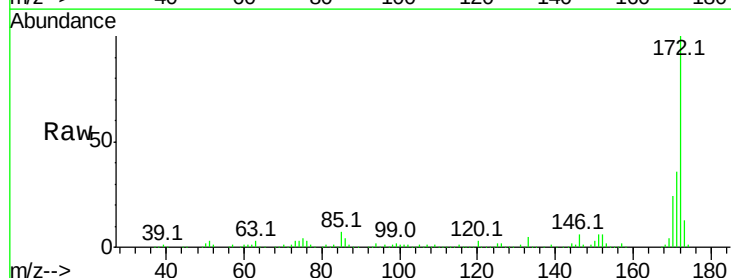


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

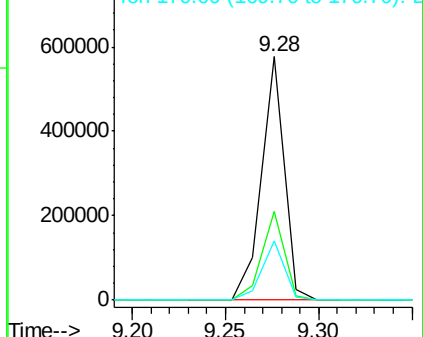
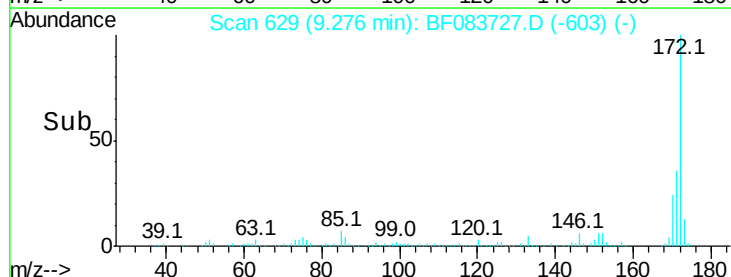


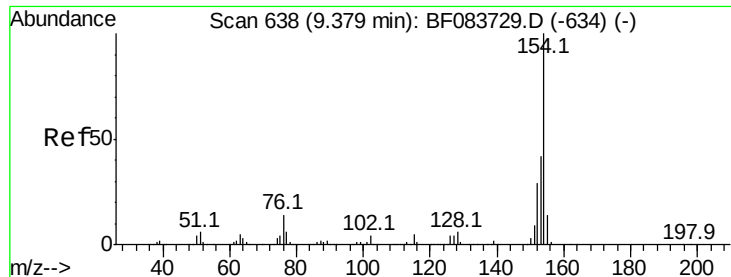
#44
 2-Fluorobiphenyl
 Concen: 24.76 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion:172 Resp: 483477
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.2 19.4 29.2



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: 11.88 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

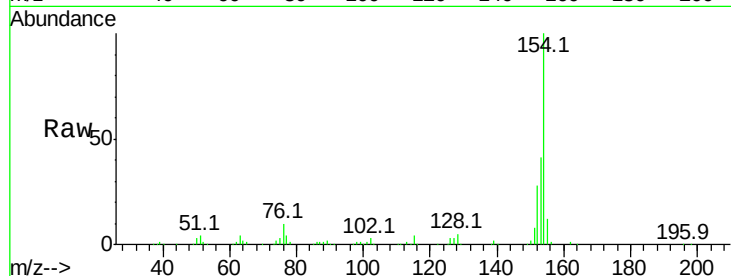
Tot Ion:154 Resp: 293109

Ion Ratio Lower Upper

154 100

153 40.6 21.9 61.9

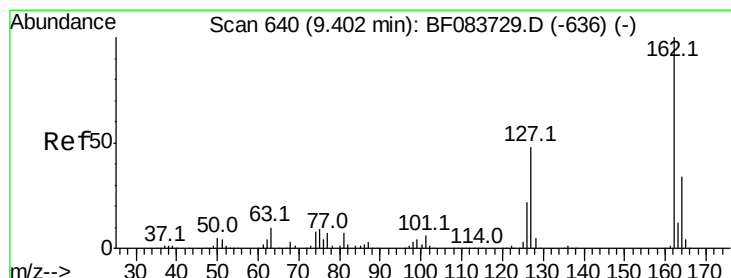
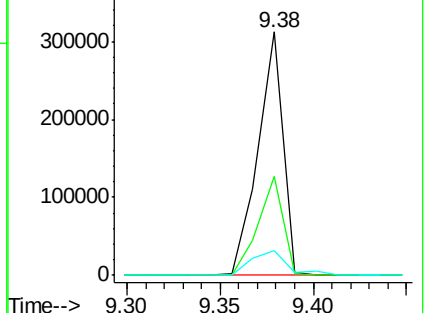
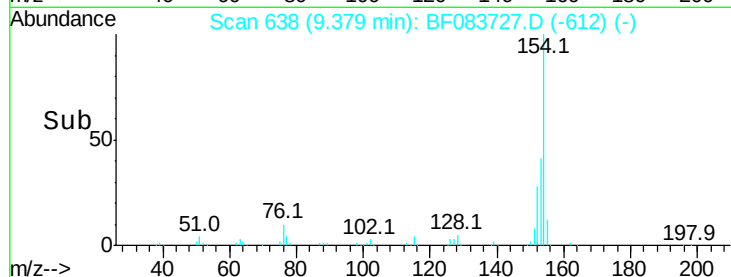
76 10.0 0.0 33.9



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: 11.40 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

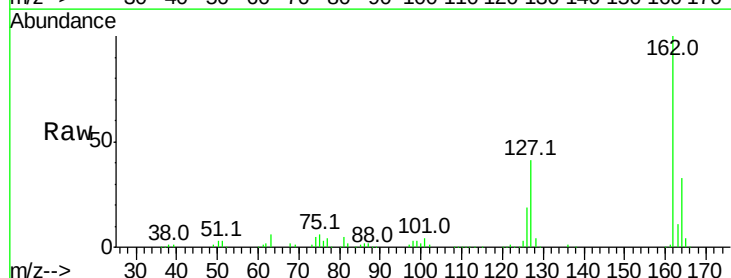
Tgt Ion:162 Resp: 211491

Ion Ratio Lower Upper

162 100

127 40.7 38.8 58.2

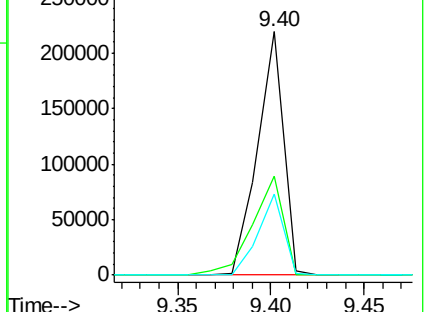
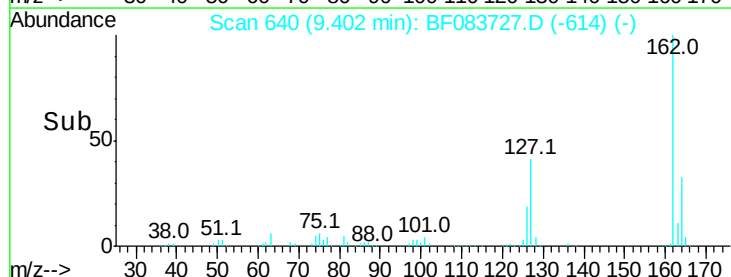
164 33.4 26.9 40.3

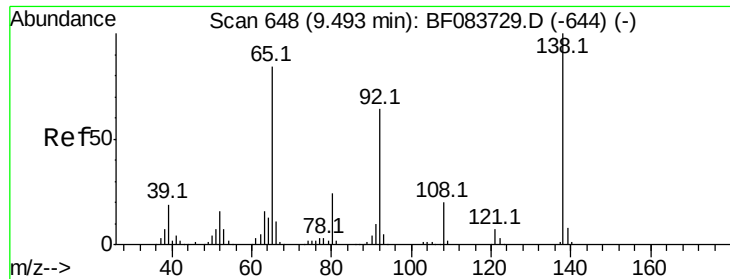


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 10.23 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

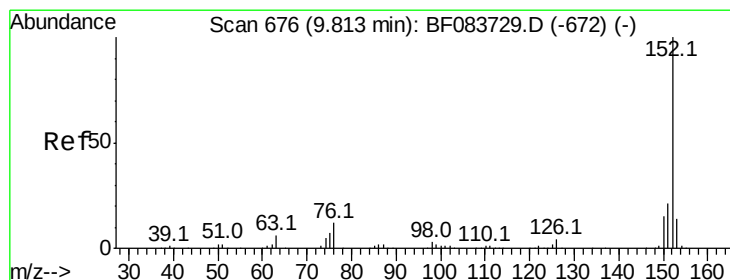
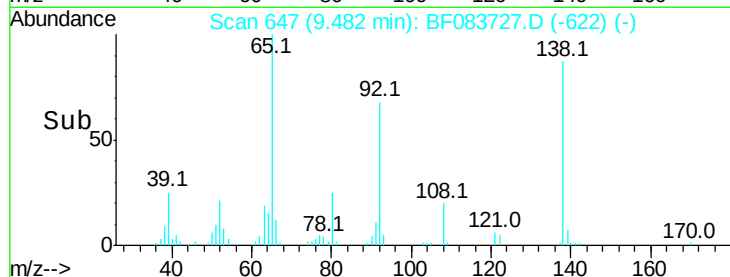
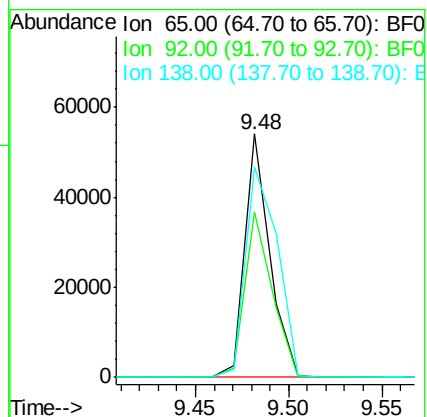
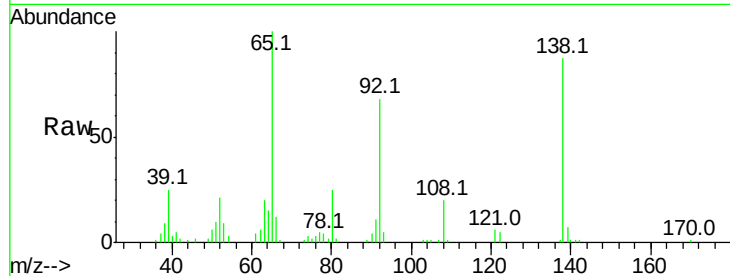
Tot Ion: 65 Resp: 50456

Ion Ratio Lower Upper

65 100

92 68.2 61.1 91.7

138 86.6 95.0 142.4#



#48

Acenaphthylene

Concen: 11.56 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

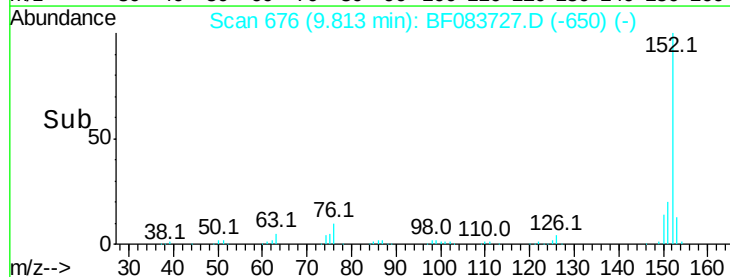
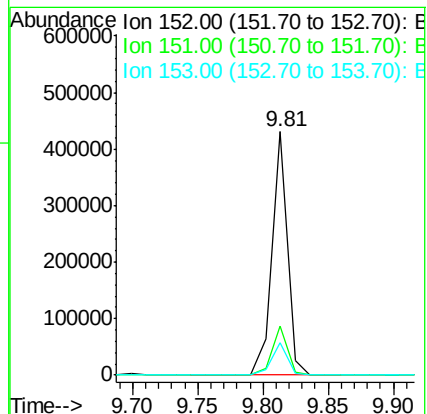
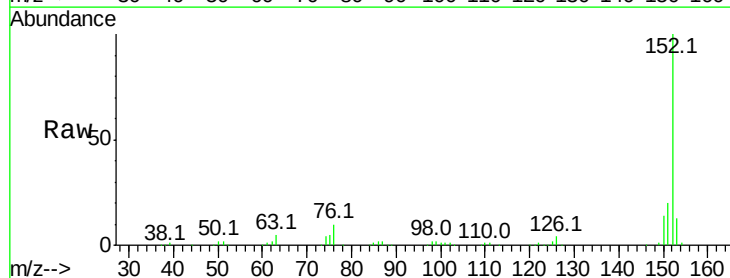
Tgt Ion: 152 Resp: 358645

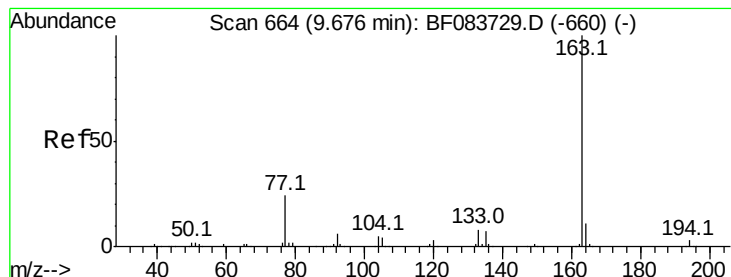
Ion Ratio Lower Upper

152 100

151 20.0 16.5 24.7

153 13.1 11.1 16.7





#49

Dimethylphthalate

Concen: 11.02 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

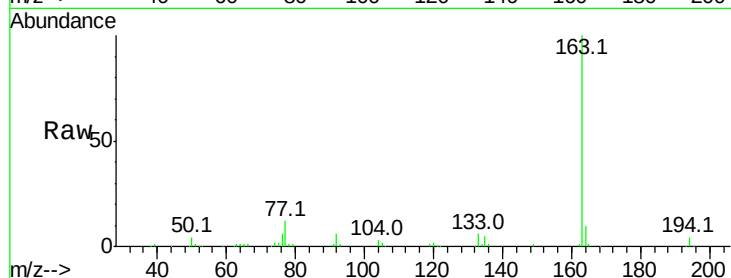
Tot Ion:163 Resp: 239443

Ion Ratio Lower Upper

163 100

194 3.9 2.5 3.7#

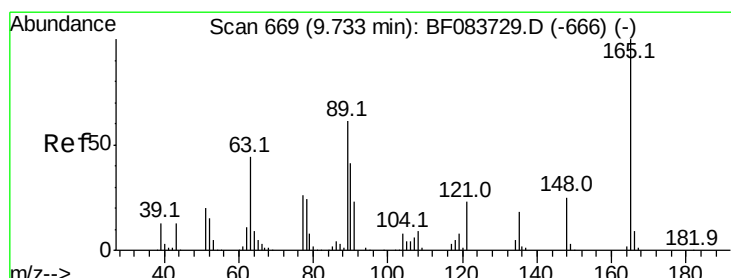
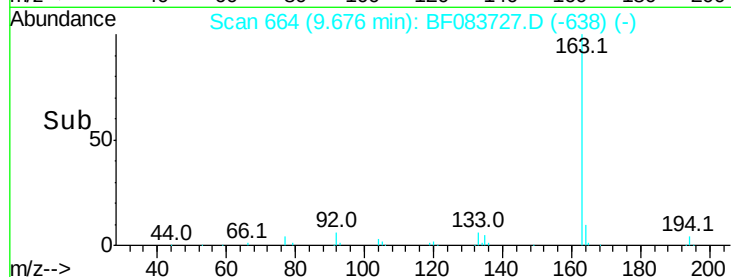
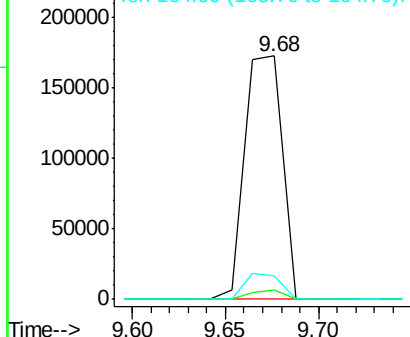
164 9.9 8.7 13.1



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: 10.98 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

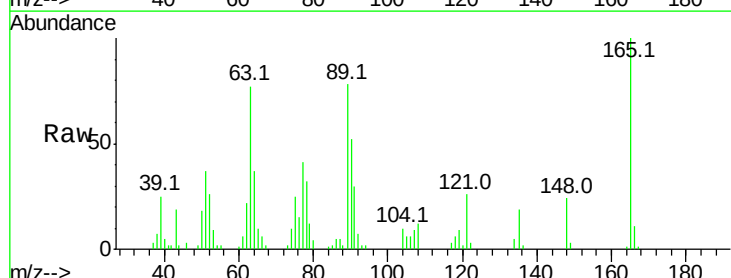
Tgt Ion:165 Resp: 47046

Ion Ratio Lower Upper

165 100

63 76.6 47.9 71.9#

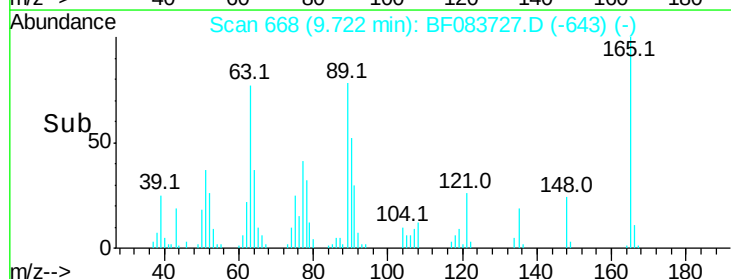
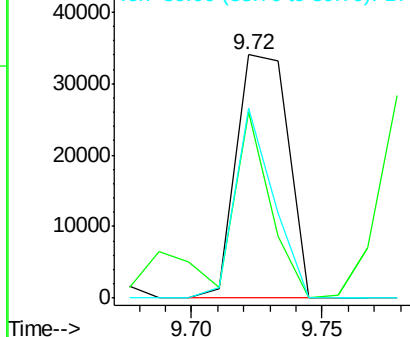
89 78.2 49.0 73.6#

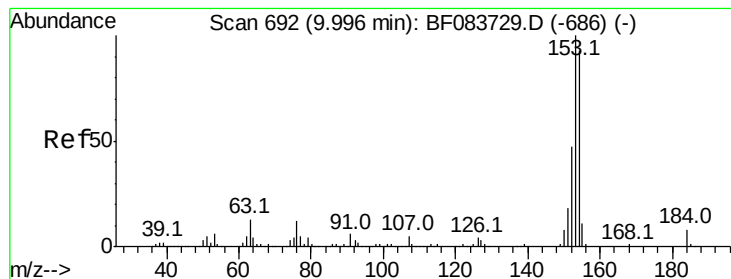


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 11.29 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

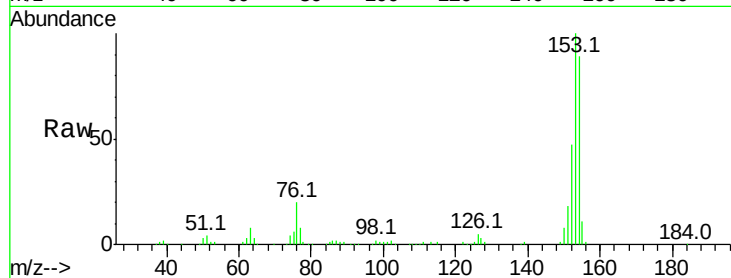
Tot Ion:154 Resp: 209665

Ion Ratio Lower Upper

154 100

153 112.9 85.8 128.8

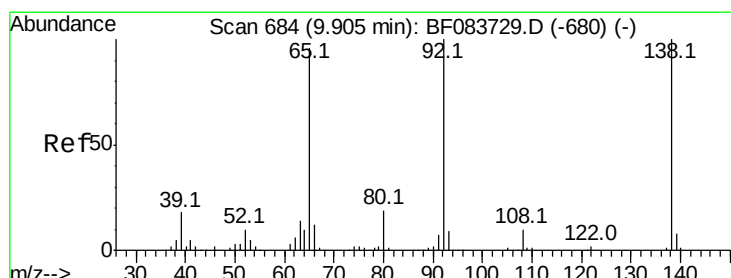
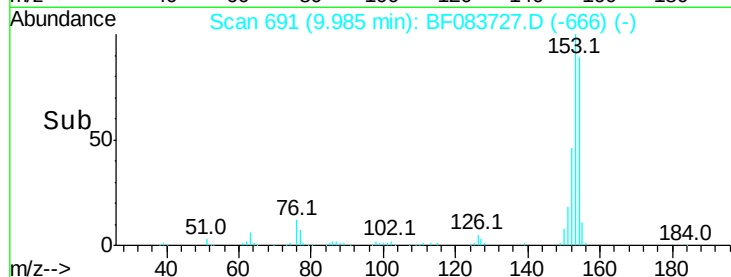
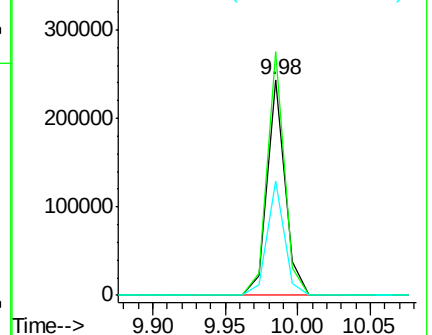
152 52.8 40.6 61.0



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: 11.91 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

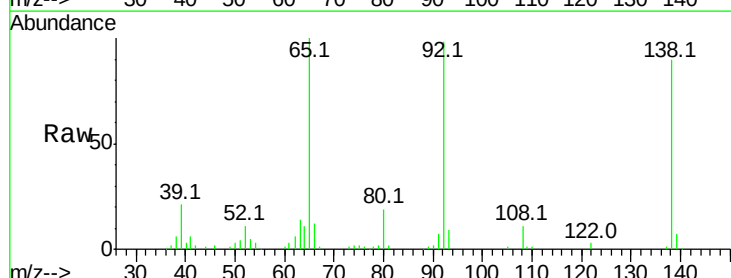
Tgt Ion:138 Resp: 60231

Ion Ratio Lower Upper

138 100

108 12.4 8.4 12.6

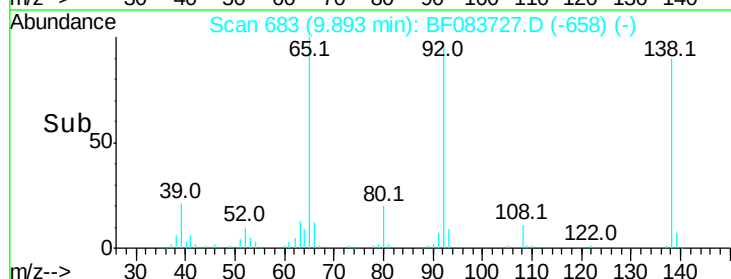
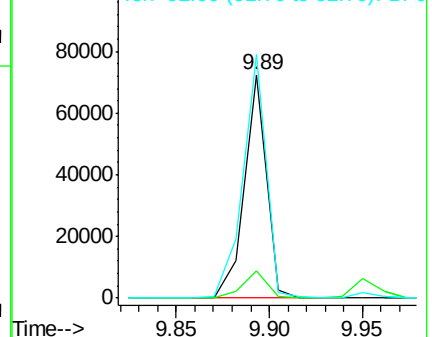
92 108.9 80.2 120.2

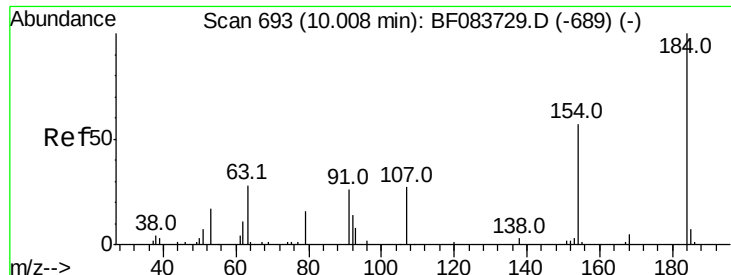


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

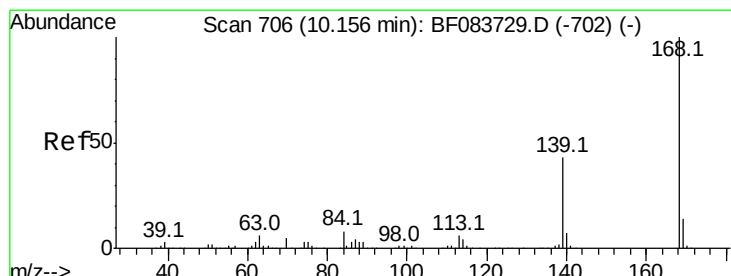
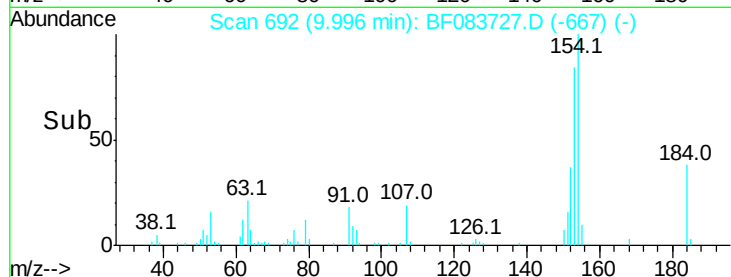
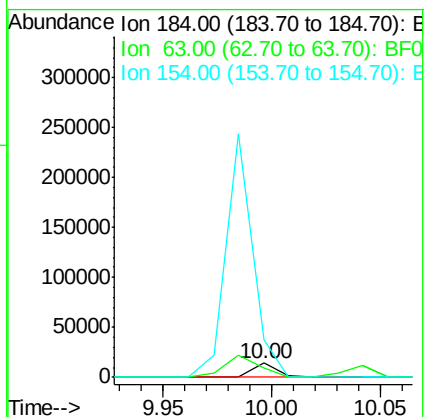
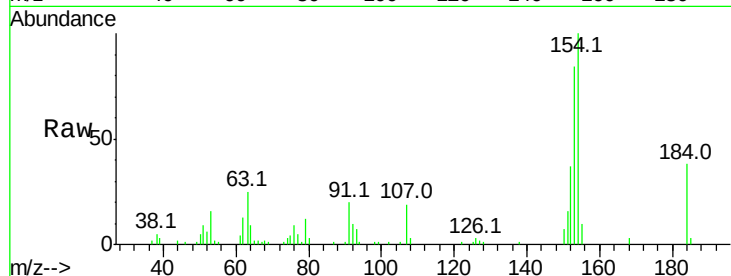




#53
 2,4-Dinitrophenol
 Concen: 9.71 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

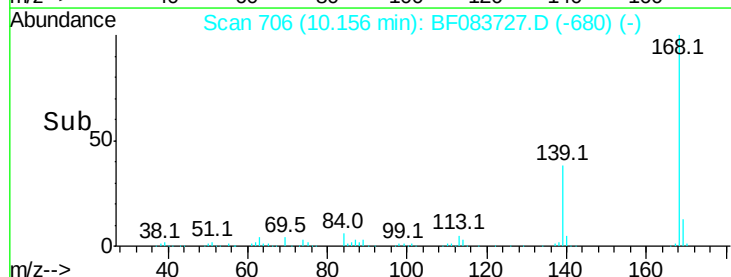
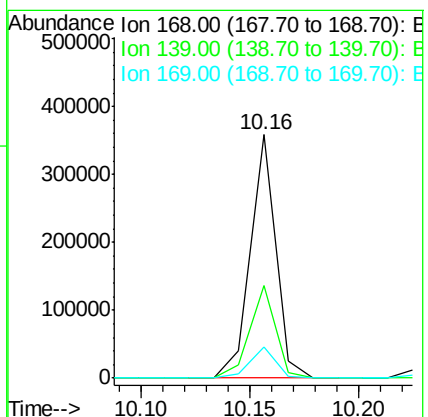
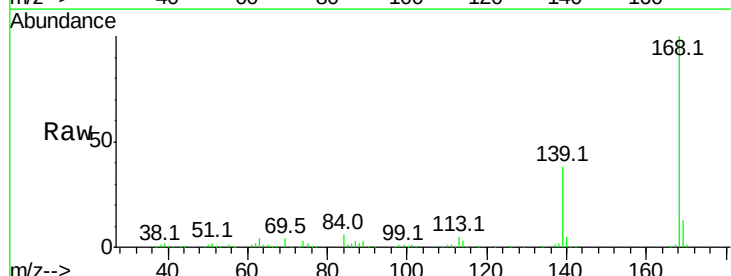
Instrument :
 BNA_F
 ClientSampleId :

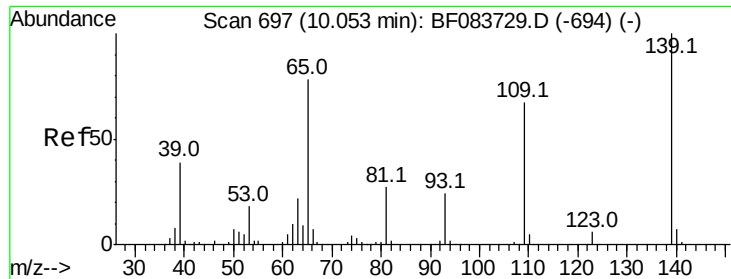
Tot Ion:184 Resp: 11313
 Ion Ratio Lower Upper
 184 100
 63 65.7 23.4 35.0#
 154 262.0 46.7 70.1#



#54
 Dibenzofuran
 Concen: 11.91 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion:168 Resp: 291386
 Ion Ratio Lower Upper
 168 100
 139 38.0 34.4 51.6
 169 13.0 11.3 16.9

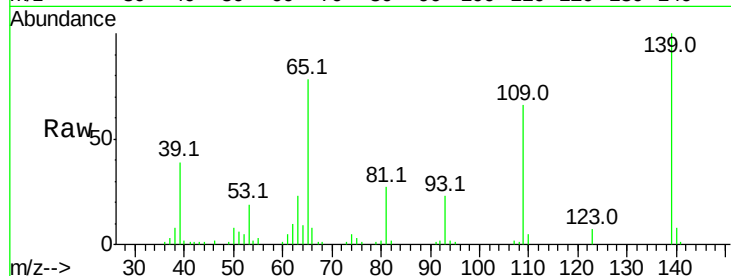




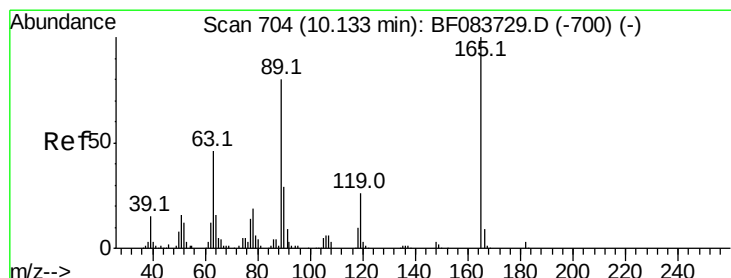
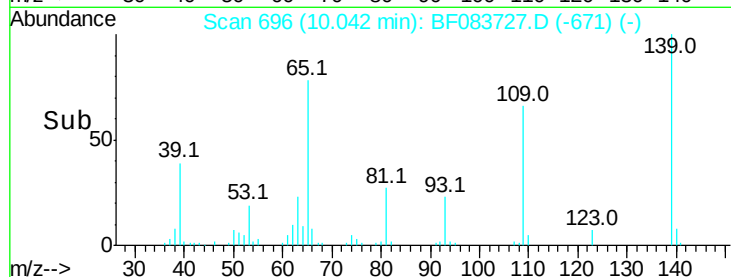
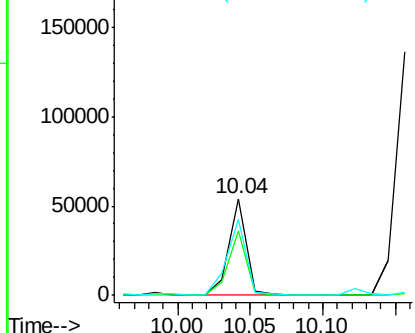
#55
4-Nitrophenol
Concen: 10.90 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 45849
Ion Ratio Lower Upper
139 100
109 66.3 47.4 87.4
65 77.8 58.0 98.0

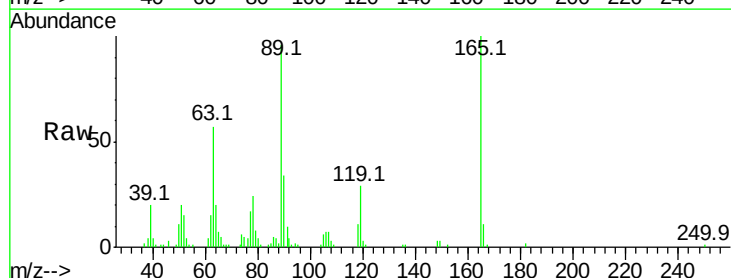


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

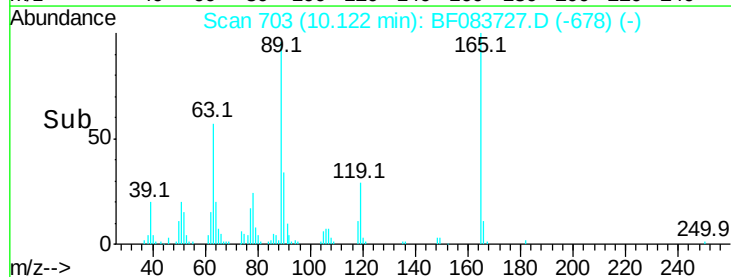
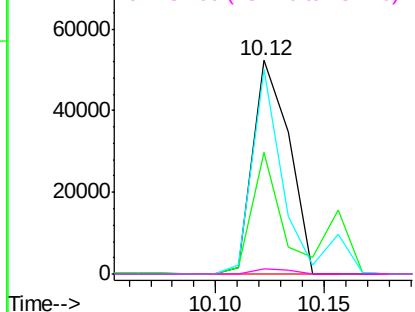


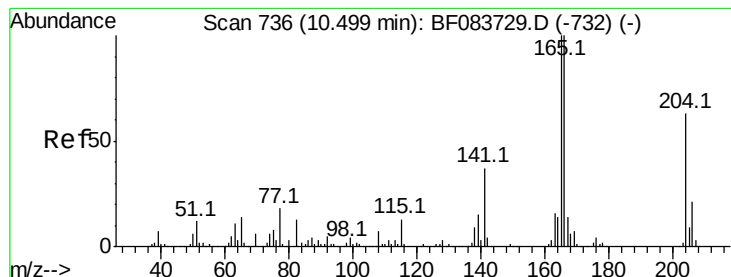
#56
2,4-Dinitrotoluene
Concen: 11.08 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Tgt Ion:165 Resp: 60805
Ion Ratio Lower Upper
165 100
63 56.8 36.8 55.2#
89 96.0 63.8 95.8#
182 2.1 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 12.51 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

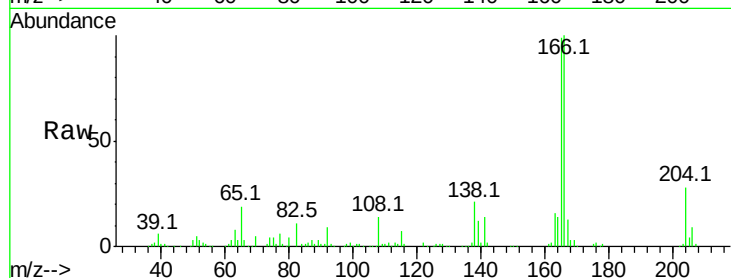
Tot Ion:166 Resp: 239960

Ion Ratio Lower Upper

166 100

165 99.2 79.7 119.5

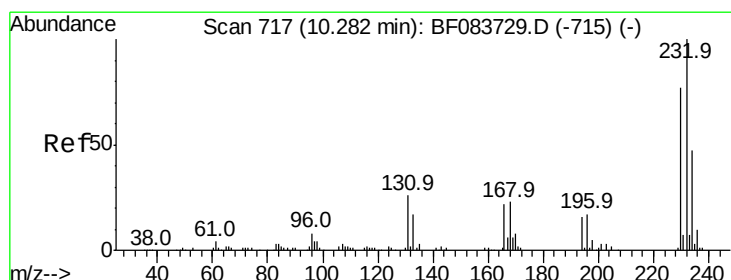
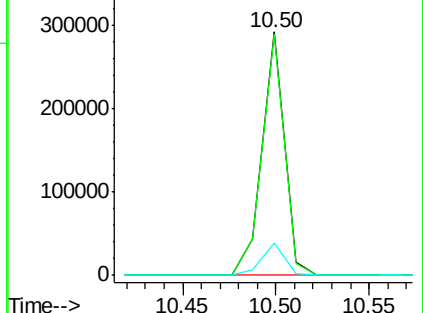
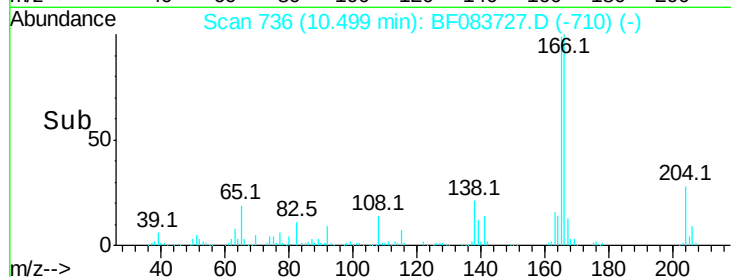
167 13.2 11.2 16.8



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: 10.63 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Tgt Ion:232 Resp: 46072

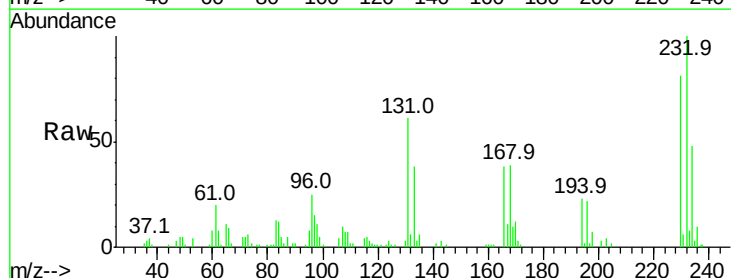
Ion Ratio Lower Upper

232 100

131 58.5 43.0 64.6

130 2.4 2.0 3.0

166 36.9 27.8 41.6

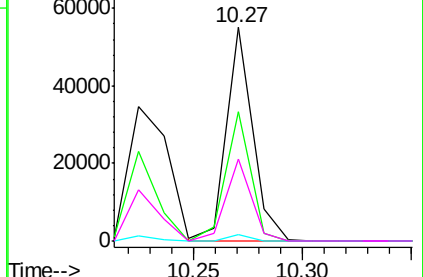
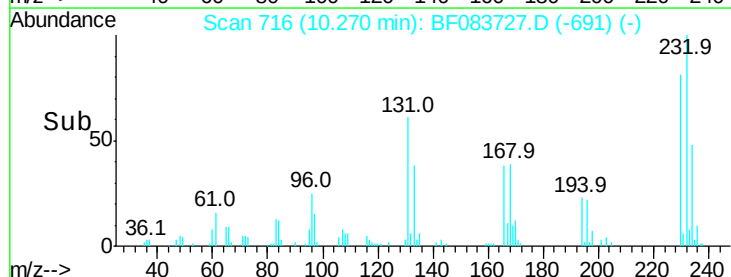


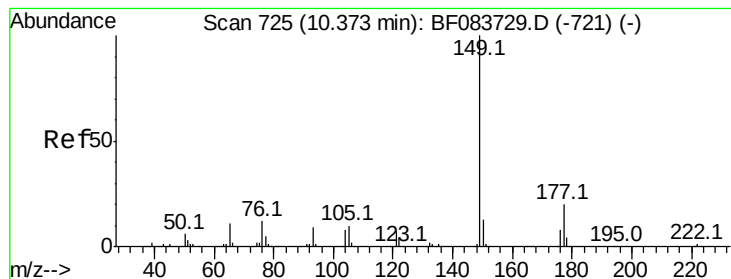
Abundance Ion 232.00 (231.70 to 232.70): E

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: 12.48 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

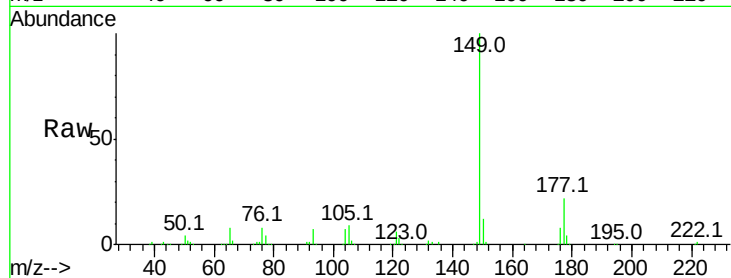
Tot Ion:149 Resp: 260648

Ion Ratio Lower Upper

149 100

177 21.5 15.7 23.5

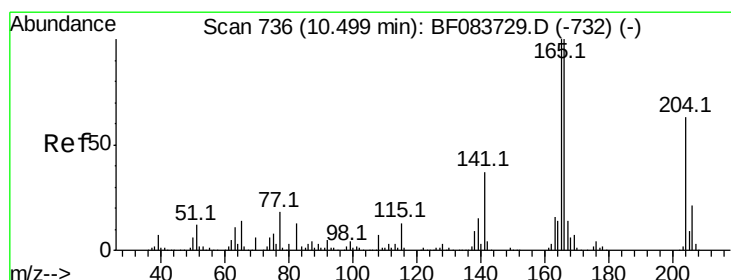
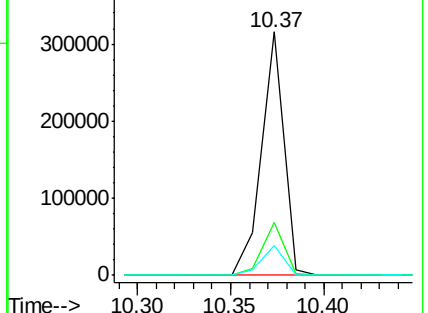
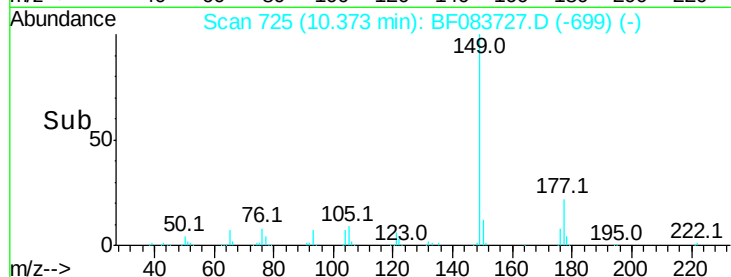
150 12.3 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 11.01 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

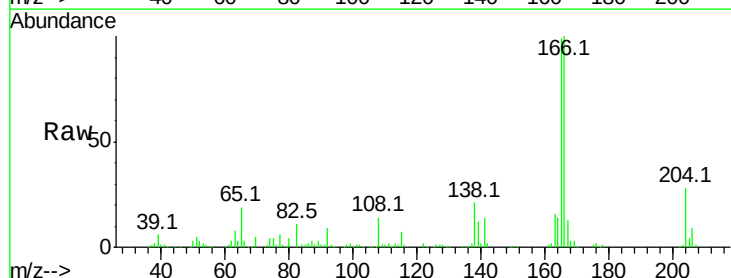
Tgt Ion:204 Resp: 102555

Ion Ratio Lower Upper

204 100

206 31.7 26.6 40.0

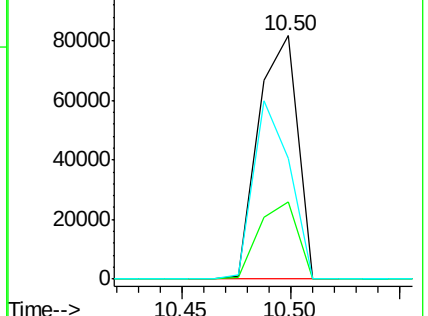
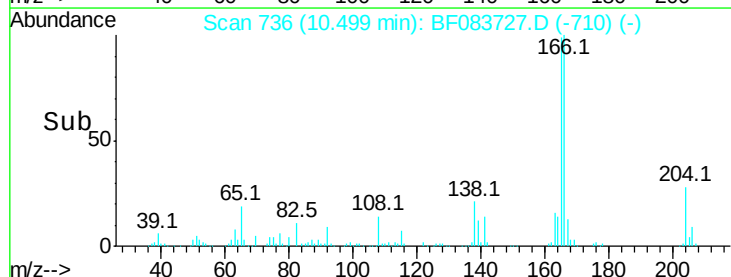
141 49.6 47.5 71.3

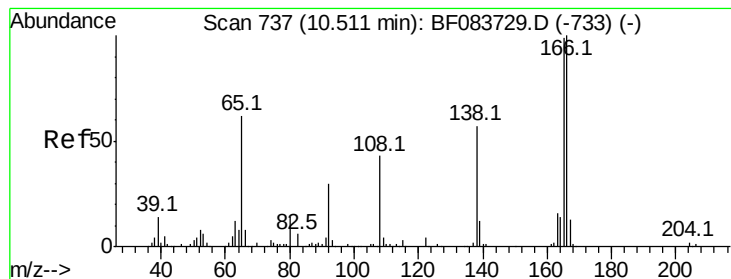


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 12.22 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

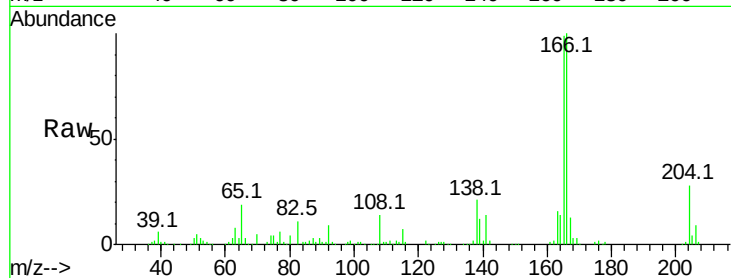
Tot Ion:138 Resp: 55396

Ion Ratio Lower Upper

138 100

92 43.4 32.0 72.0

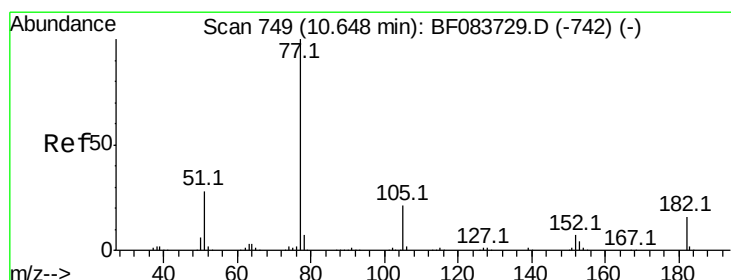
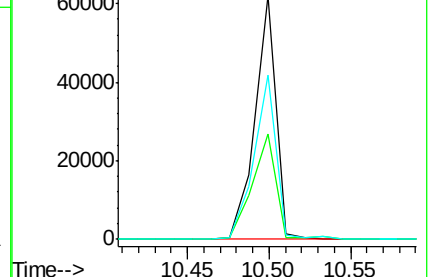
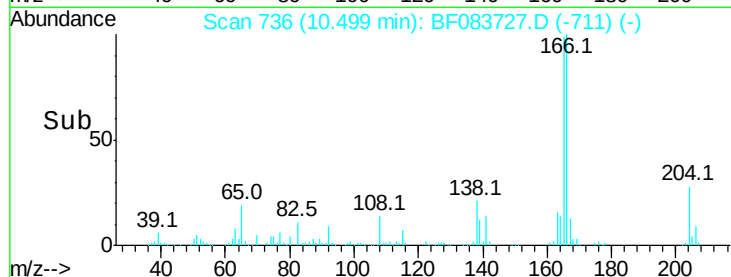
108 67.2 54.3 94.3



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: 10.82 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Tgt Ion: 77 Resp: 217042

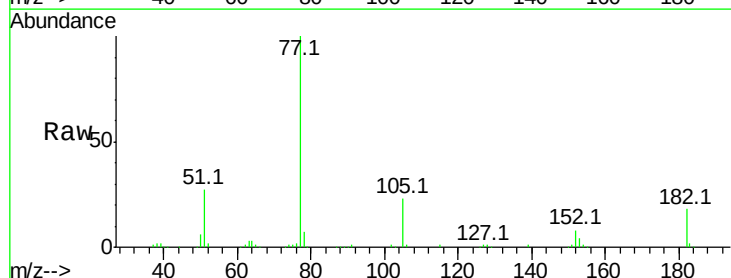
Ion Ratio Lower Upper

77 100

182 17.8 0.0 35.6

105 22.8 1.4 41.4

51 26.7 8.2 48.2

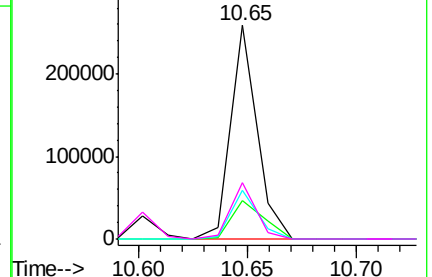
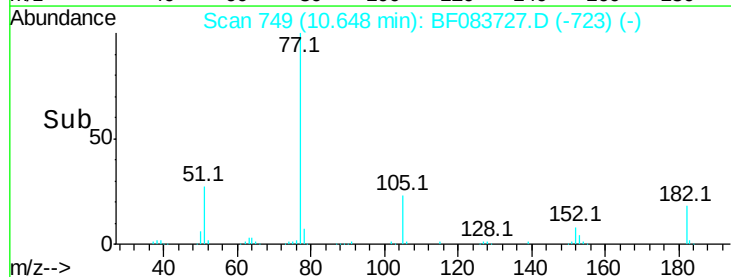


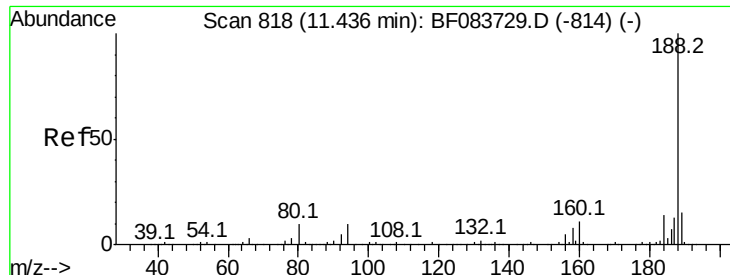
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

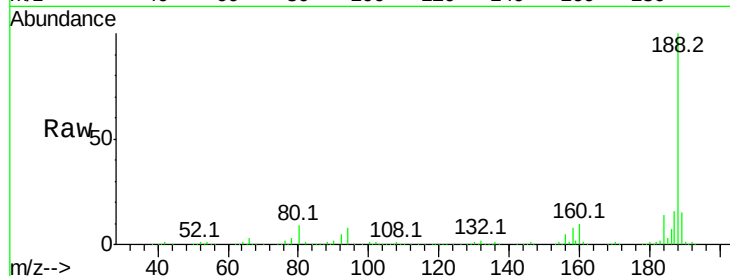




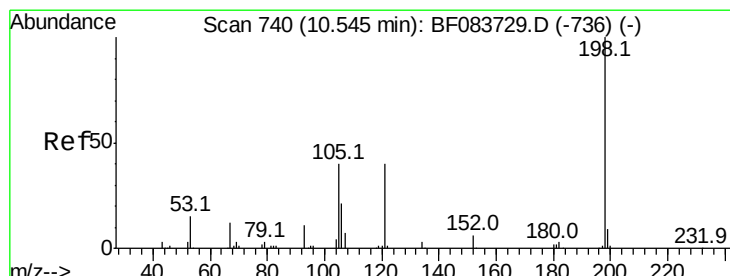
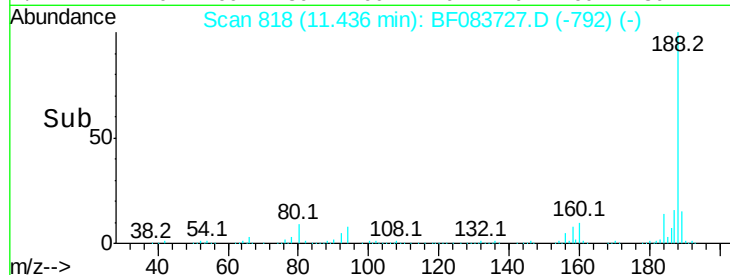
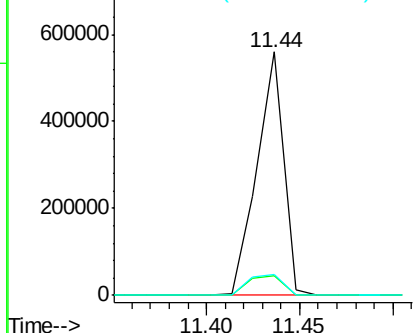
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 552655
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.6 11.4
 80 8.6 8.3 12.5

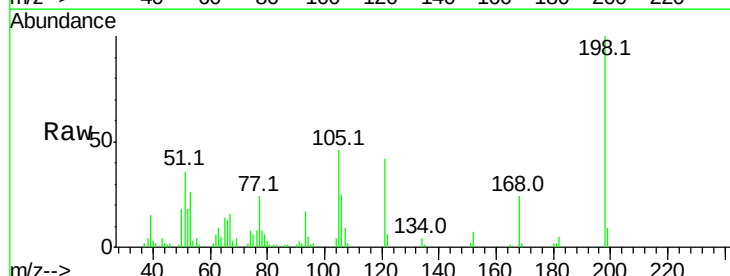


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

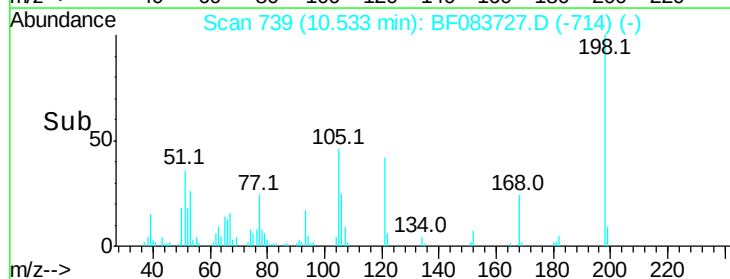
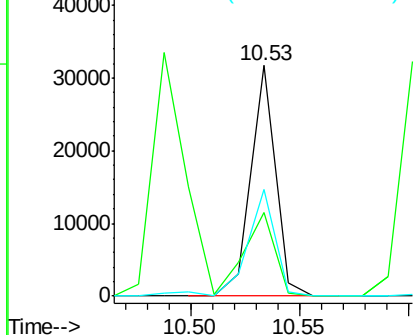


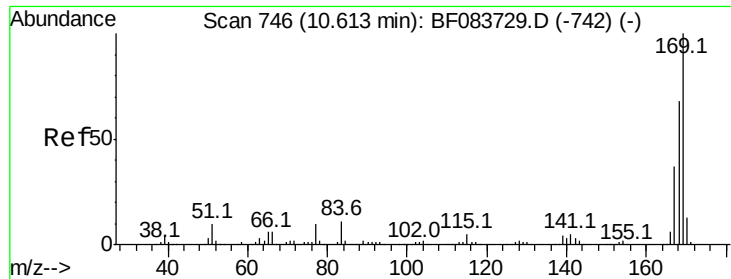
#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.23 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion:198 Resp: 25012
 Ion Ratio Lower Upper
 198 100
 51 36.0 9.0 49.0
 105 46.1 20.7 60.7



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

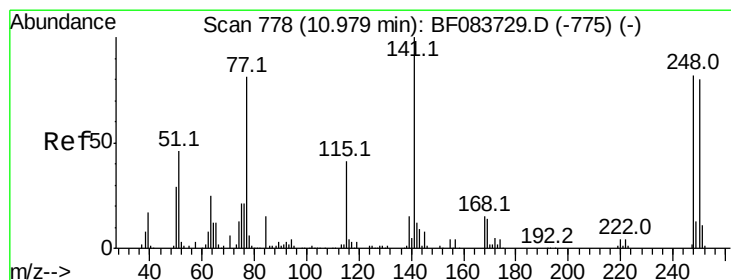
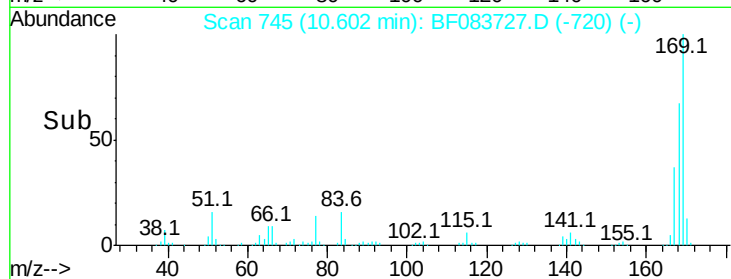
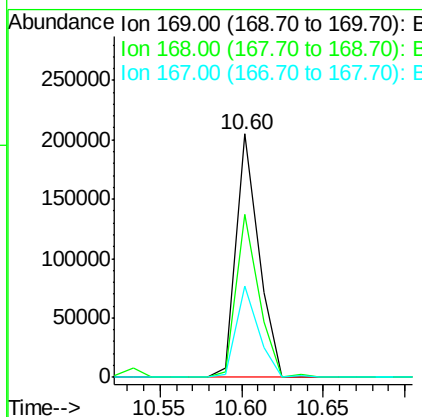
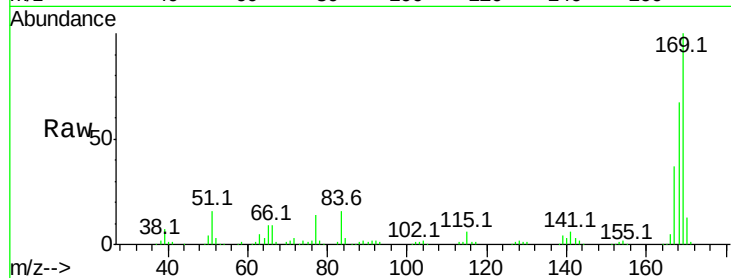




#65
 n-Nitrosodiphenylamine
 Concen: 10.41 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

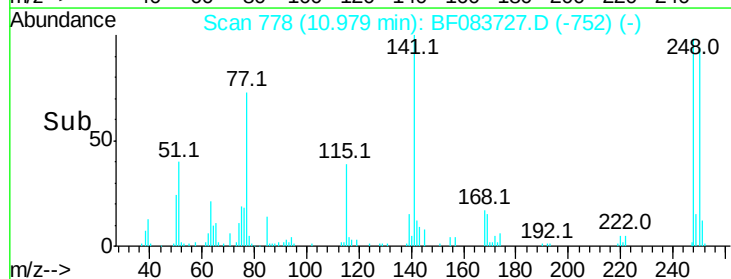
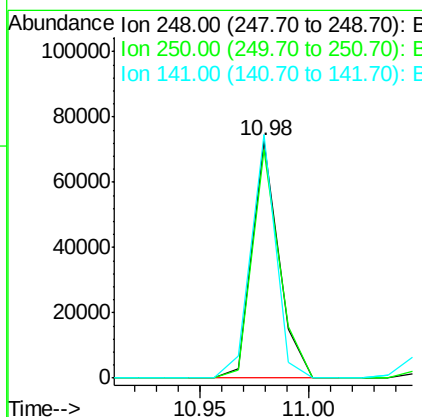
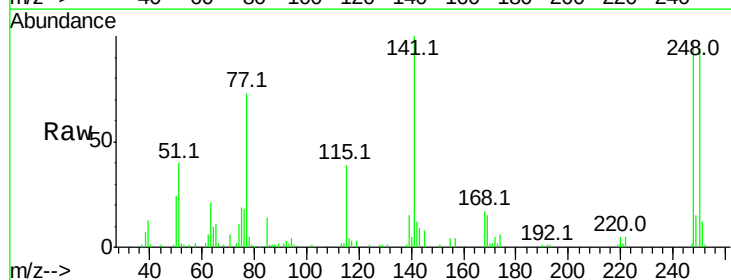
Instrument :
 BNA_F
 ClientSampleId :

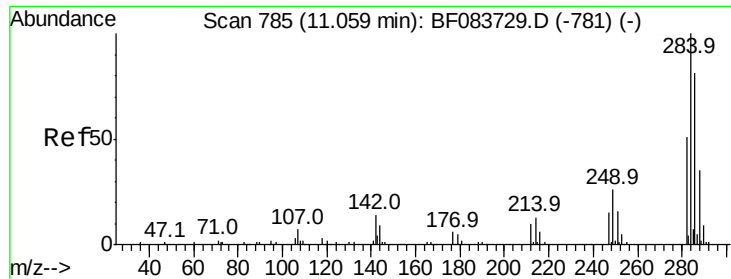
Tot Ion:169 Resp: 195116
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.6 82.0
 167 37.2 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 10.40 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion:248 Resp: 62077
 Ion Ratio Lower Upper
 248 100
 250 95.9 77.4 116.2
 141 102.6 97.1 145.7

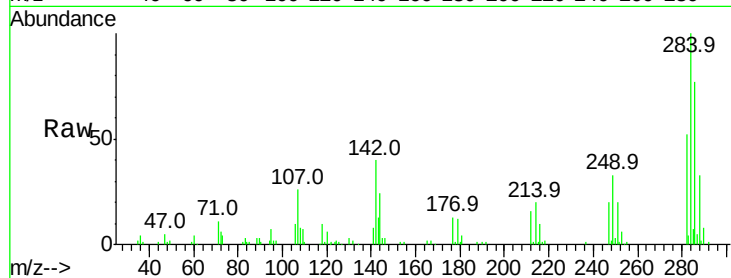




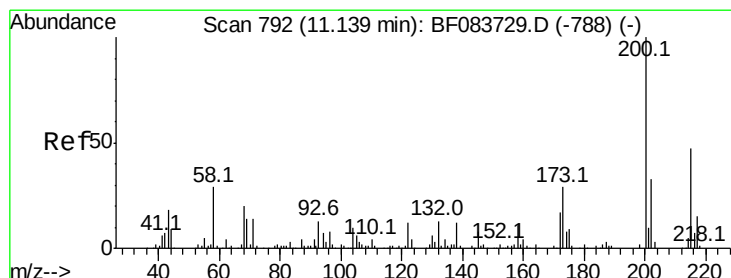
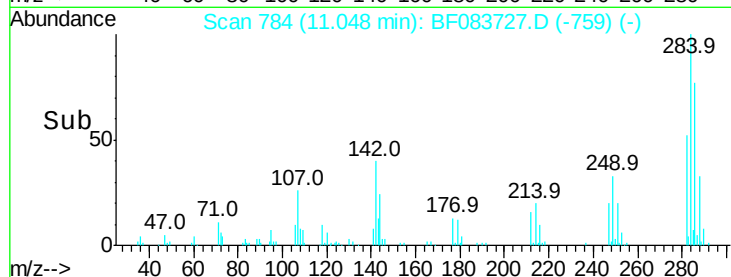
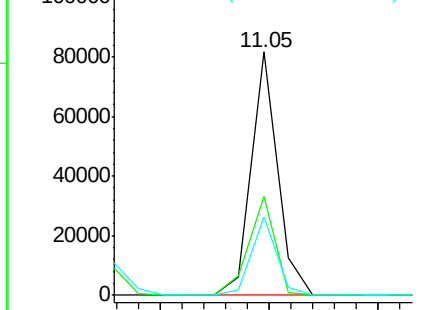
#67
Hexachlorobenzene
Concen: 10.59 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 68697
Ion Ratio Lower Upper
284 100
142 40.5 11.1 16.7#
249 32.5 20.6 30.8#

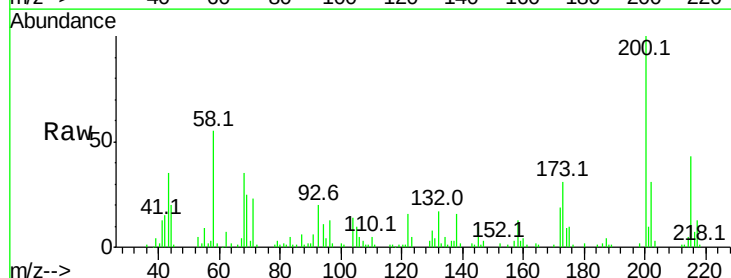


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

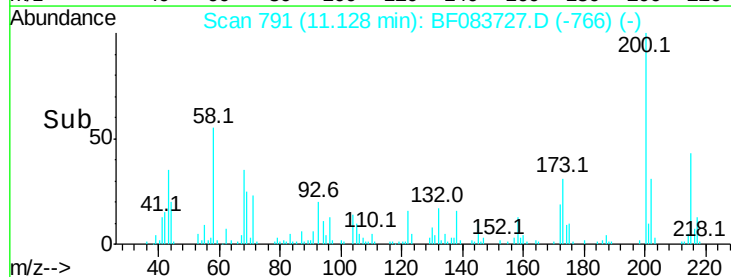
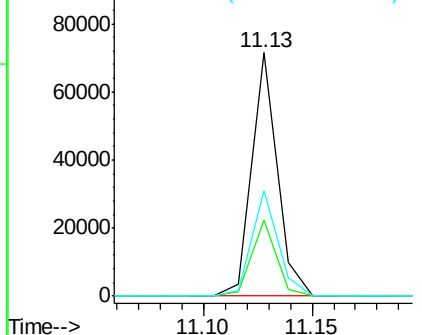


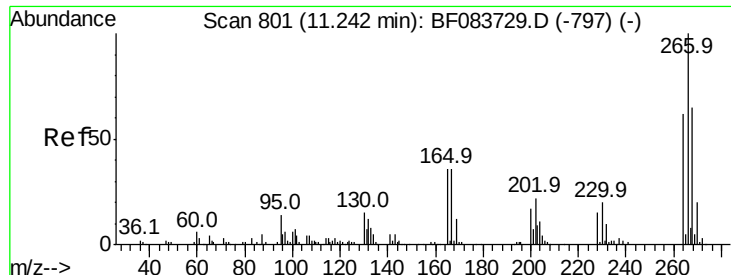
#68
Atrazine
Concen: 10.75 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Tgt Ion:200 Resp: 58303
Ion Ratio Lower Upper
200 100
173 31.4 8.5 48.5
215 43.4 26.9 66.9



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

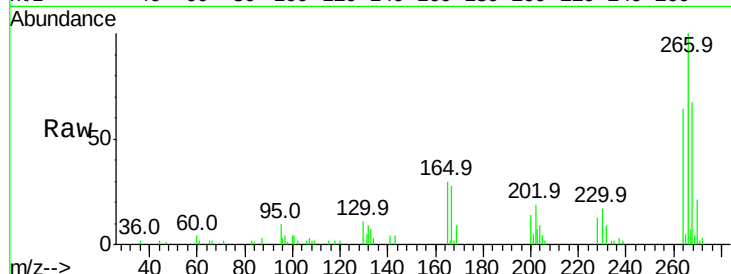




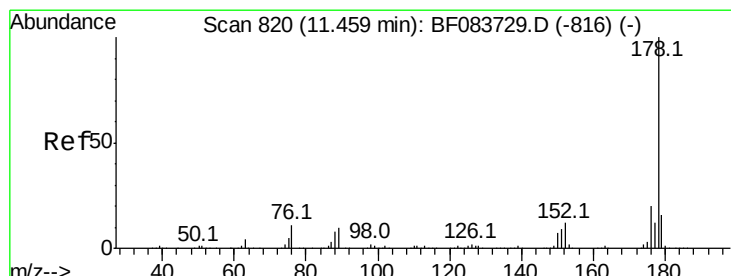
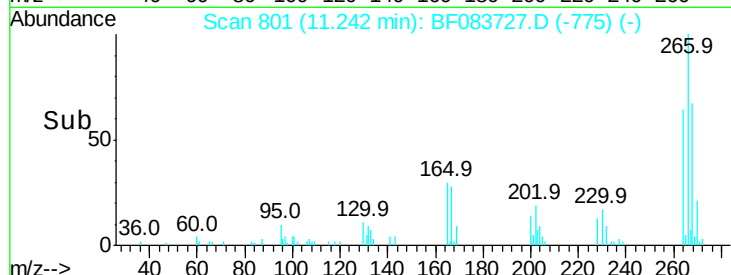
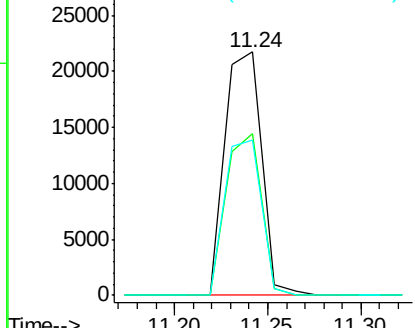
#69
 Pentachlorophenol
 Concen: 8.17 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.8	77.8
264	63.6	49.4	74.2

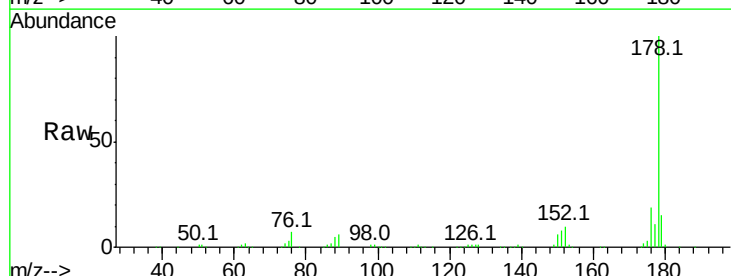


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

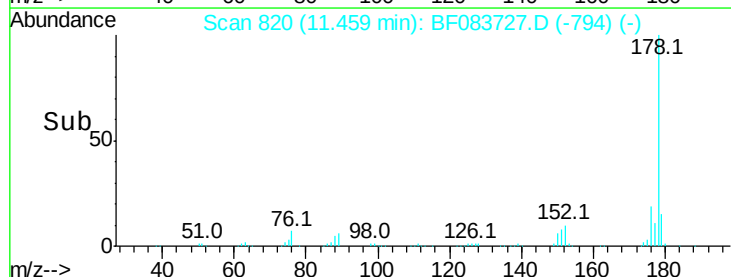
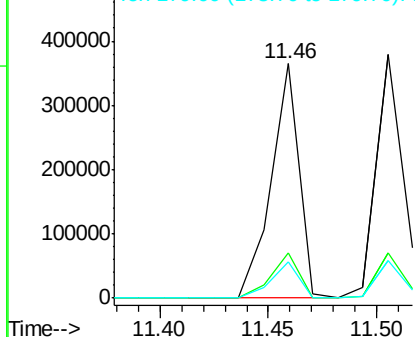


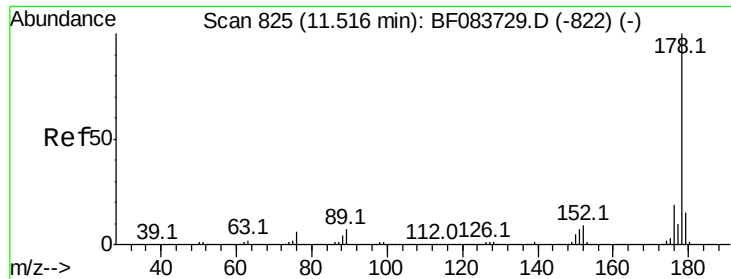
#70
 Phenanthrene
 Concen: 11.05 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.1	24.1
179	15.4	12.9	19.3



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

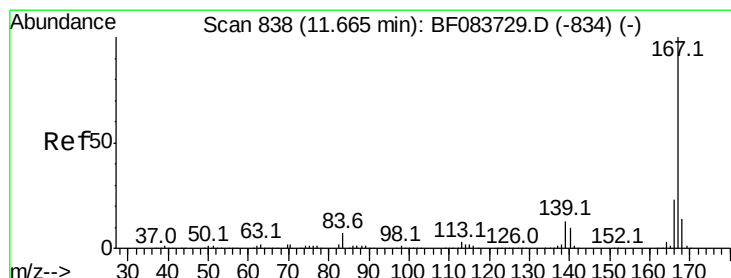
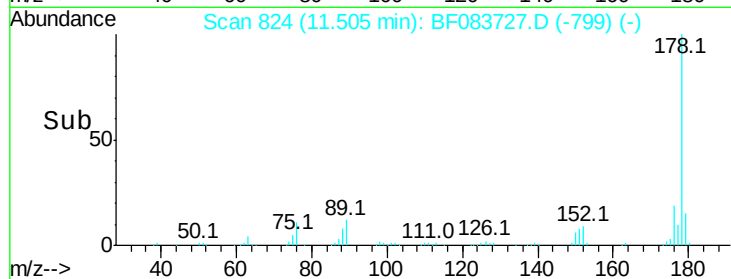
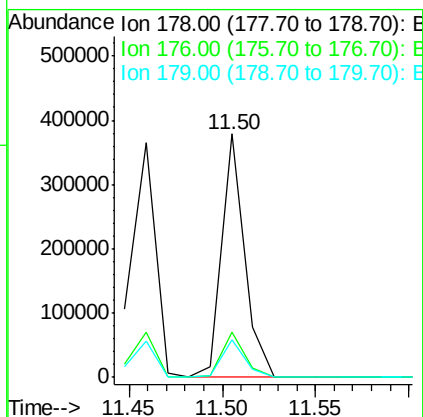
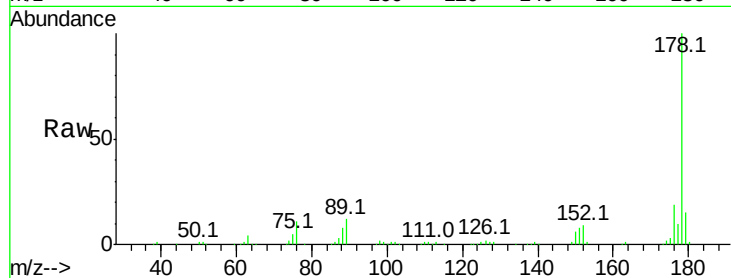




#71
 Anthracene
 Concen: 10.32 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

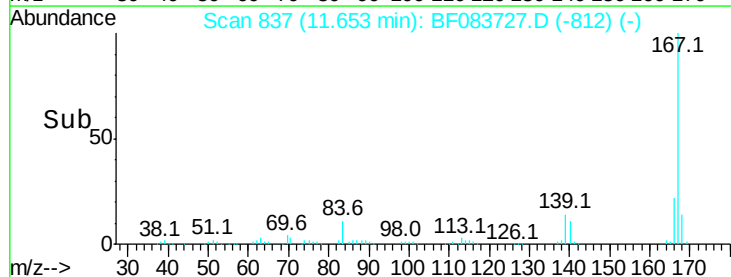
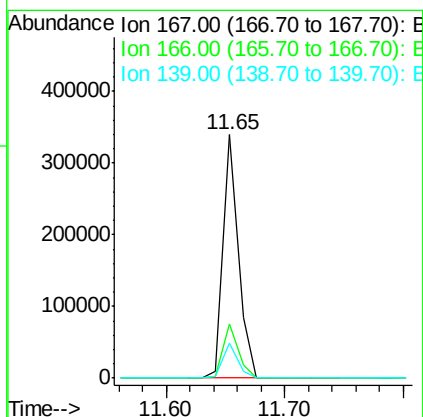
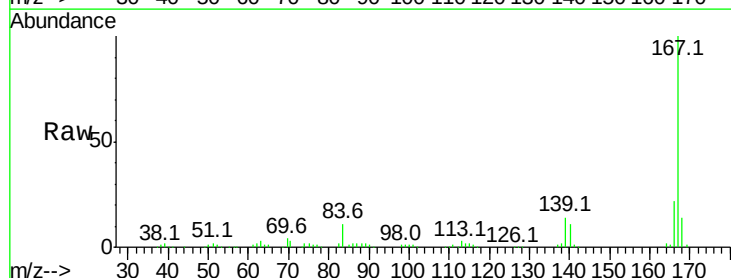
Instrument :
 BNA_F
 ClientSampleId :

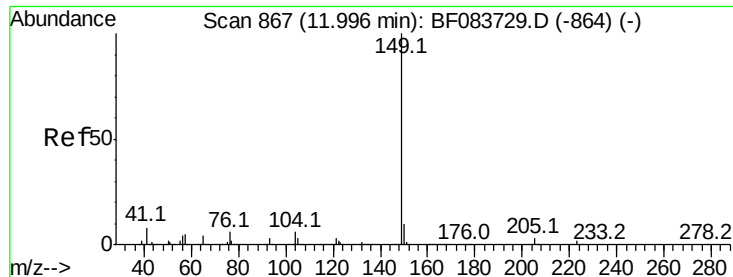
Tot Ion:178 Resp: 325826
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 15.4 12.3 18.5



#72
 Carbazole
 Concen: 10.24 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion:167 Resp: 299886
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 14.4 10.2 15.4

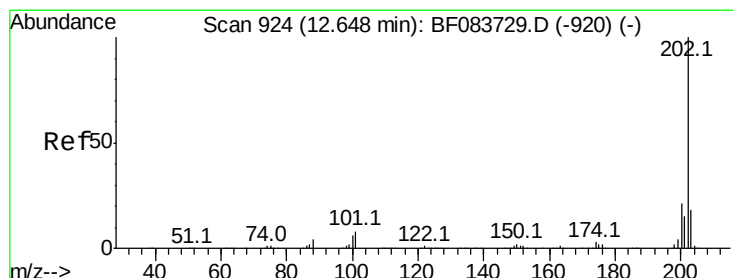
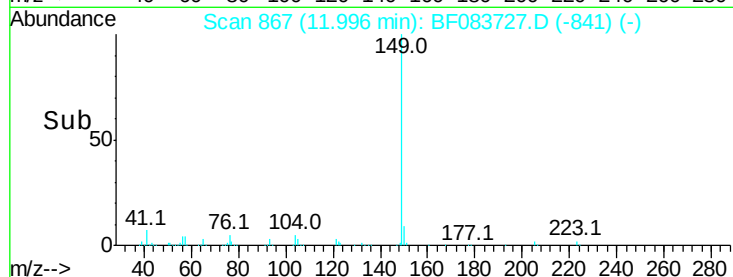
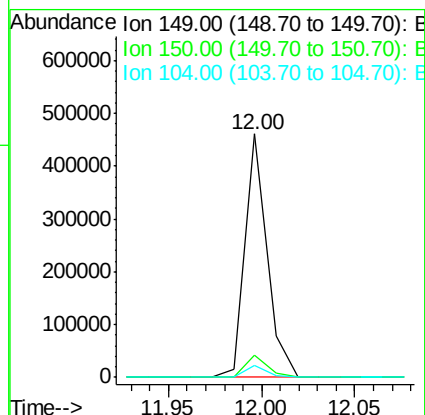
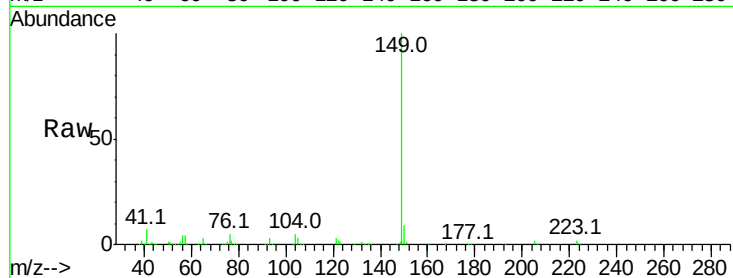




#73
Di-n-butylphthalate
Concen: 12.04 ng
RT: 12.00 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

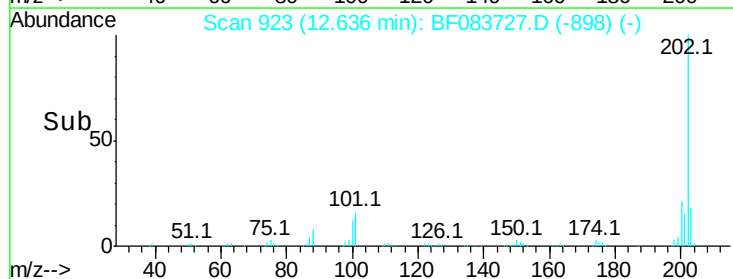
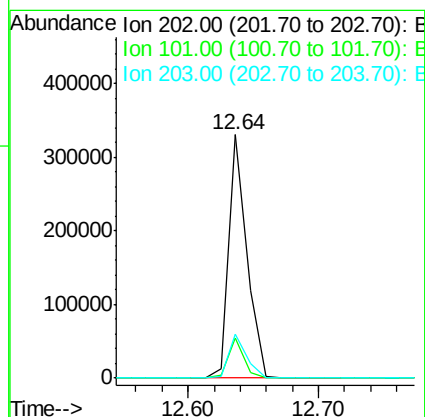
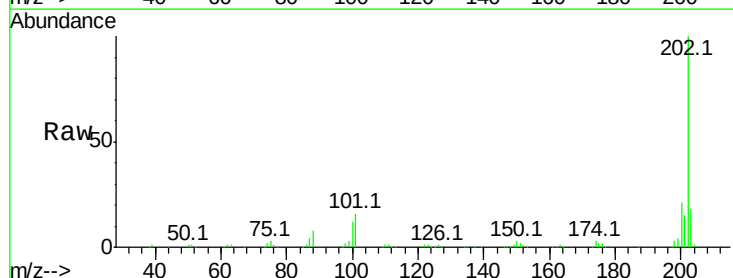
Instrument :
BNA_F
ClientSampleId :

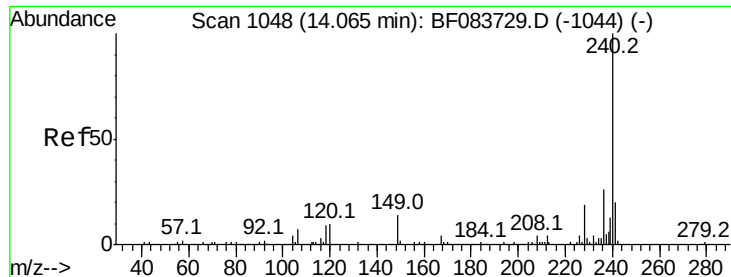
Tot Ion:149 Resp: 379673
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 5.1 4.6 6.8



#74
Fluoranthene
Concen: 9.92 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Tgt Ion:202 Resp: 318673
Ion Ratio Lower Upper
202 100
101 16.4 0.0 28.2
203 17.8 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

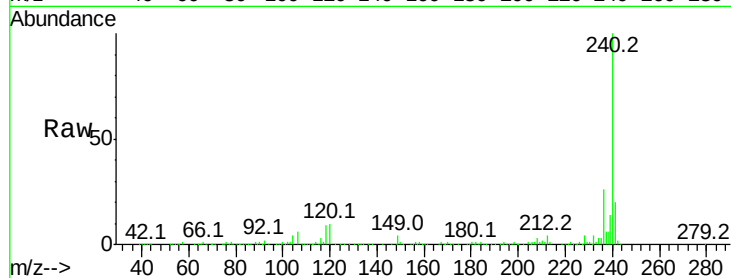
Tot Ion:240 Resp: 425407

Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

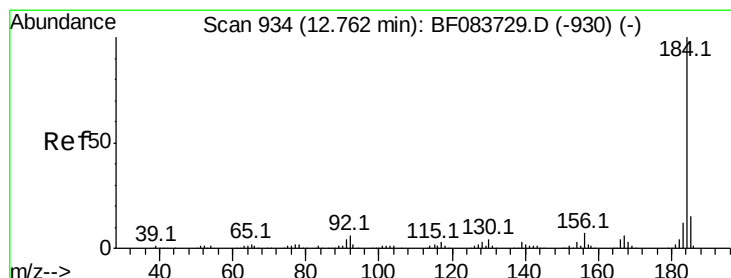
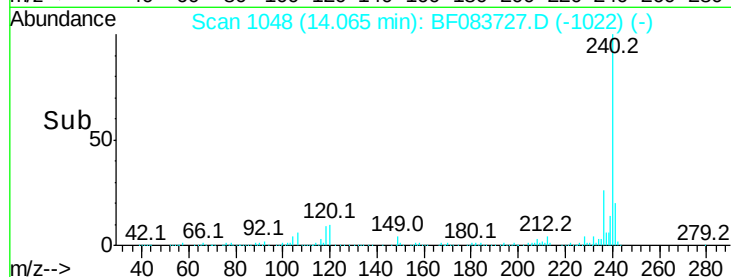
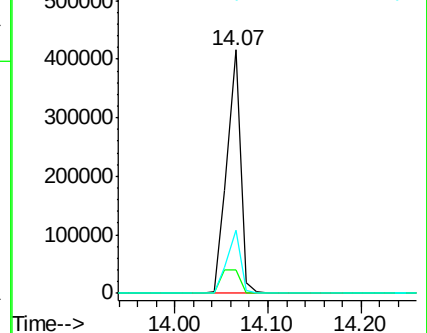
236 25.8 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.52 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

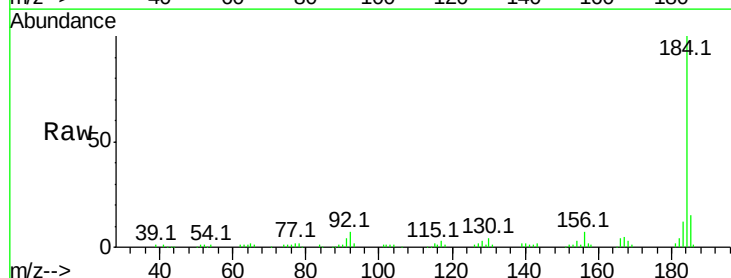
Tgt Ion:184 Resp: 121189

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.4

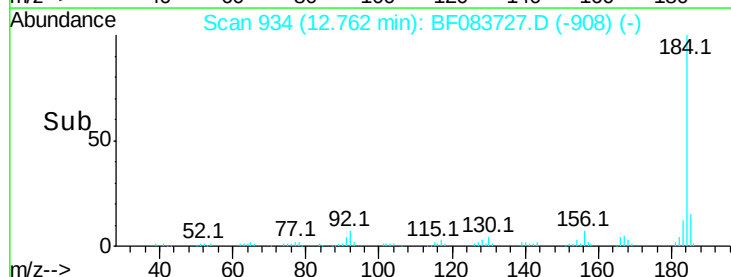
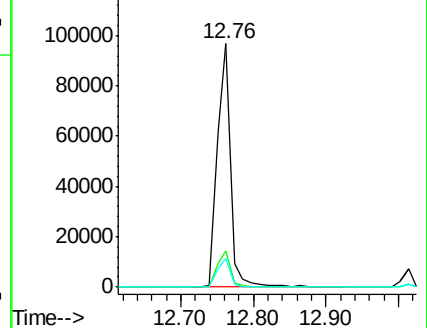
183 11.5 9.5 14.3

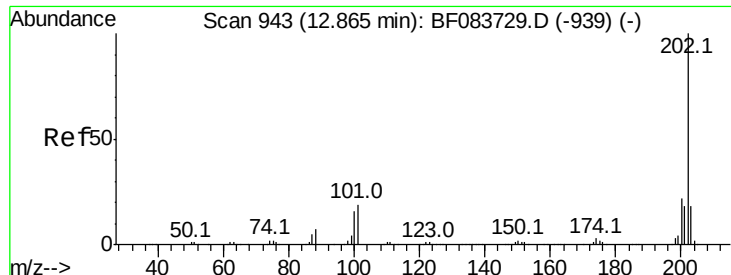


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

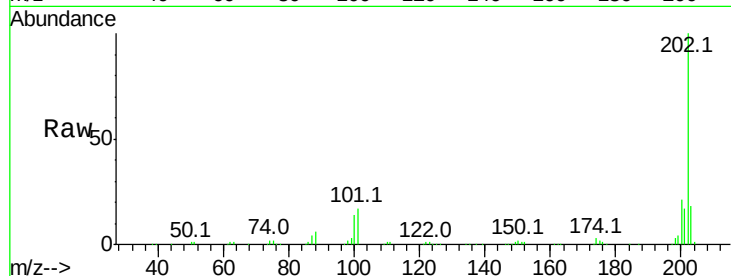




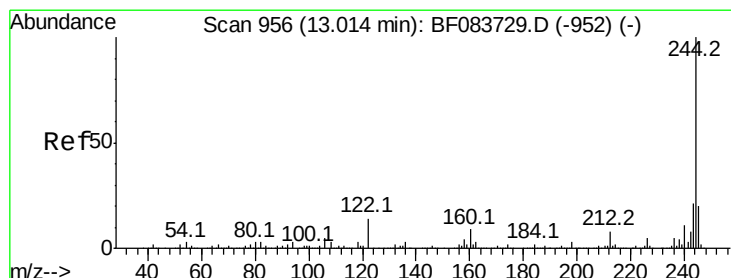
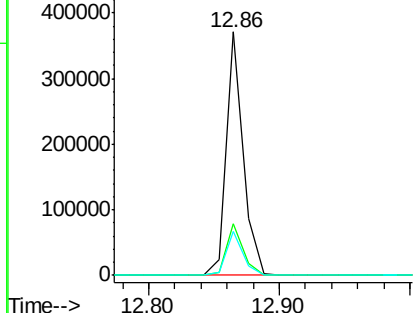
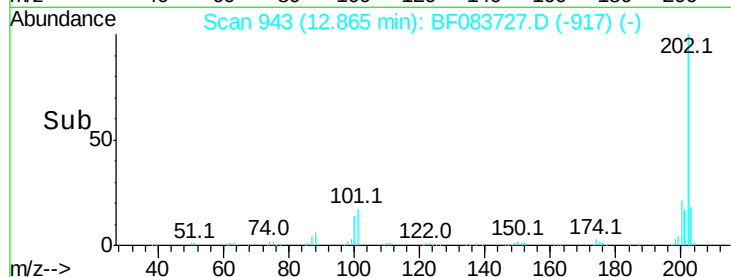
#77
Pvrene
Concen: 9.81 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 332423
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.2 14.7 22.1

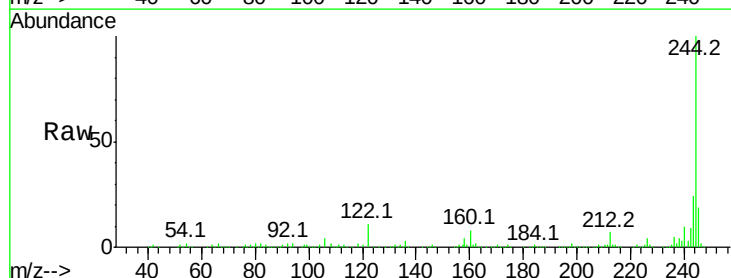


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

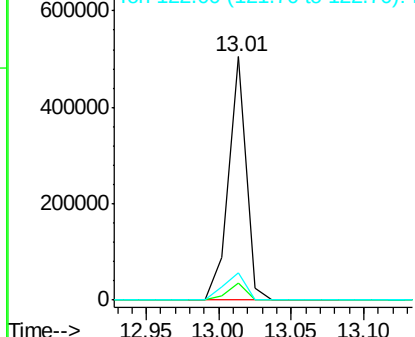
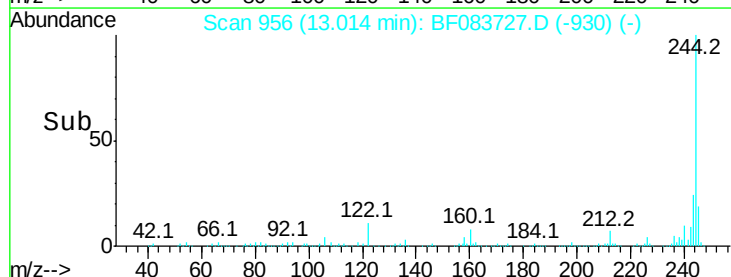


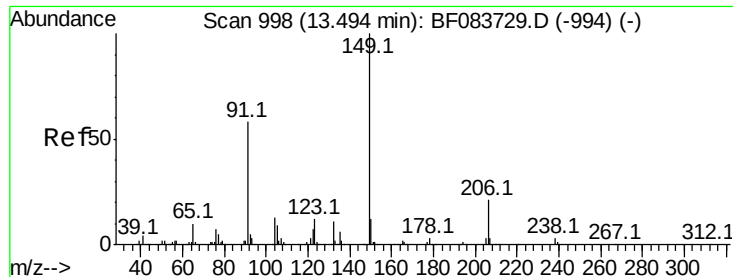
#78
Terphenyl-d14
Concen: 22.41 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Tgt Ion:244 Resp: 425114
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.2
122 11.4 11.6 17.4#



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

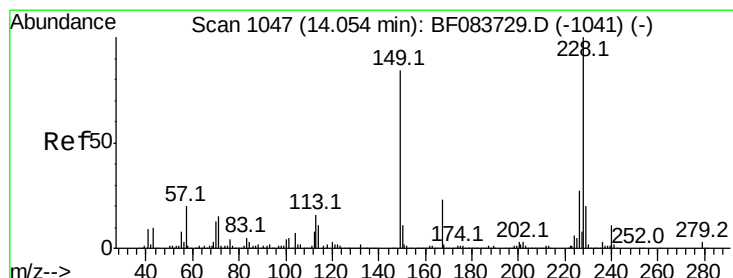
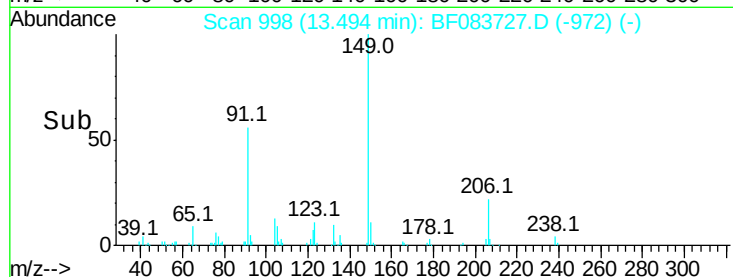
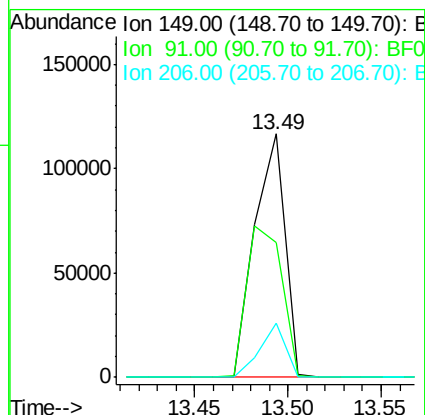
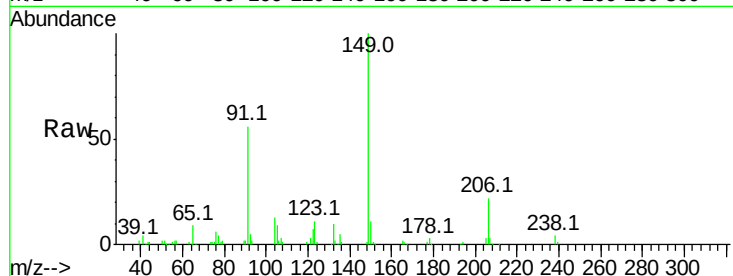




#79
Butylbenzylphthalate
Concen: 11.50 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

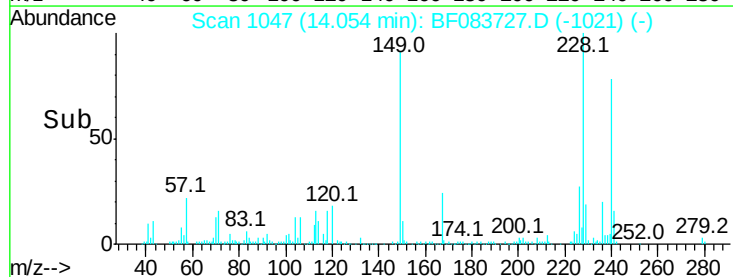
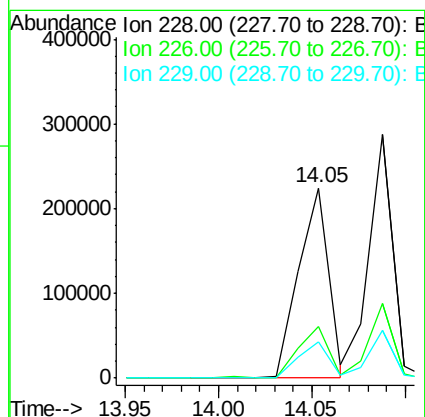
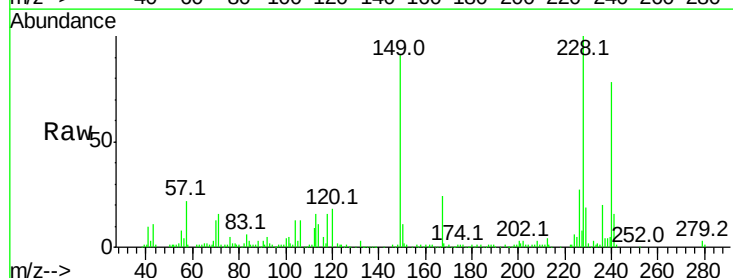
Instrument :
BNA_F
ClientSampleId :

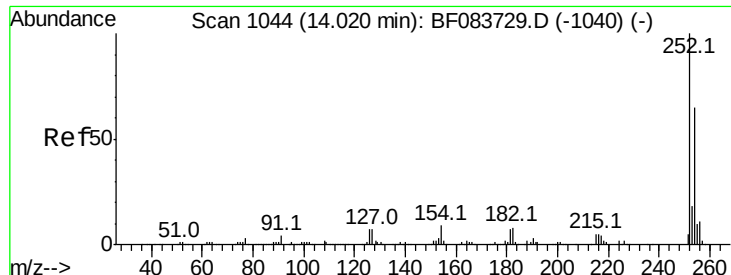
Tot Ion:149 Resp: 131494
Ion Ratio Lower Upper
149 100
91 55.5 46.6 70.0
206 22.3 16.5 24.7



#80
Benzo(a)anthracene
Concen: 10.15 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Tgt Ion:228 Resp: 252944
Ion Ratio Lower Upper
228 100
226 27.0 21.9 32.9
229 19.2 15.8 23.8

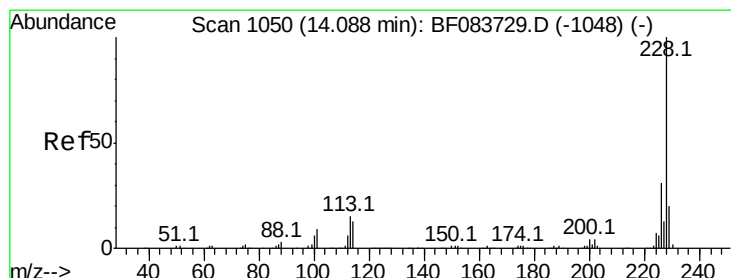
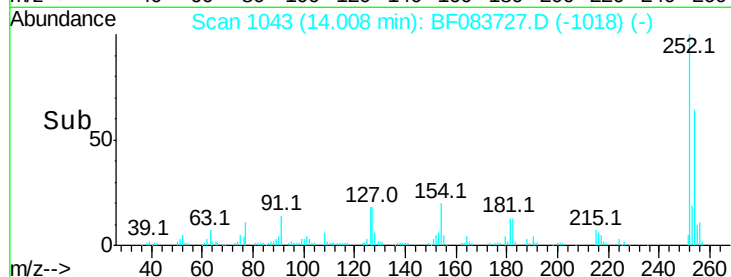
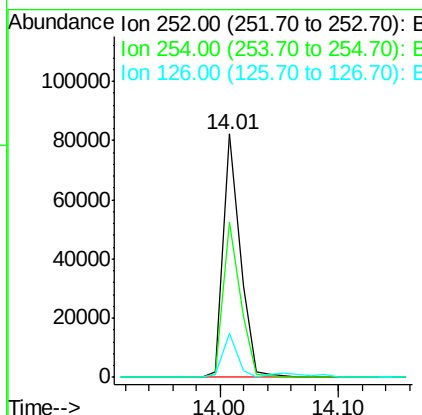
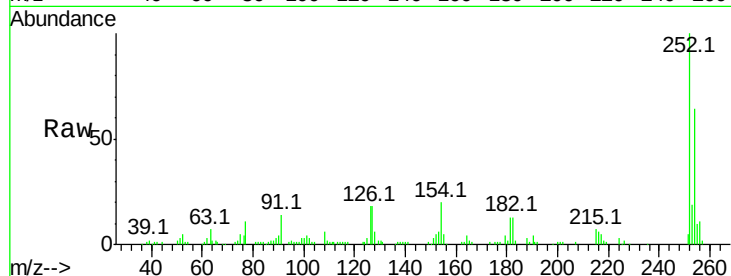




#81
 3,3'-Dichlorobenzidine
 Concen: 9.99 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

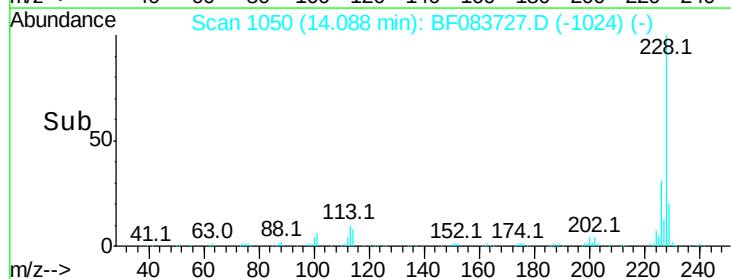
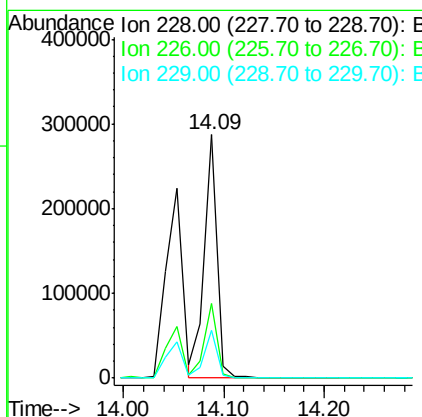
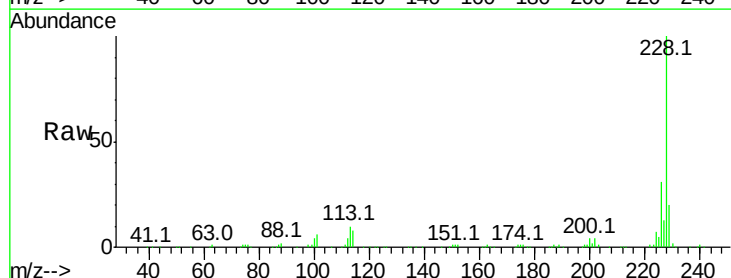
Instrument :
 BNA_F
 ClientSampleId :

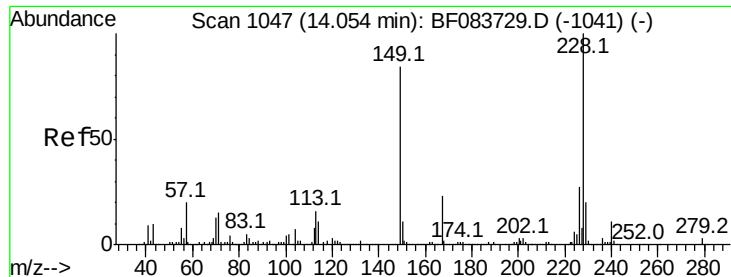
Tot Ion:252 Resp: 81324
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.2 78.2
 126 17.9 5.5 8.3#



#82
 Chrysene
 Concen: 10.72 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion:228 Resp: 255772
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.6 36.8
 229 19.6 16.2 24.2

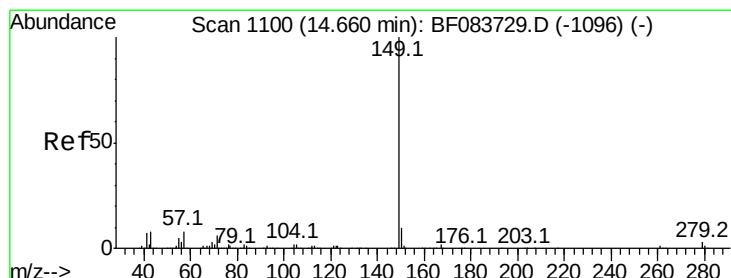
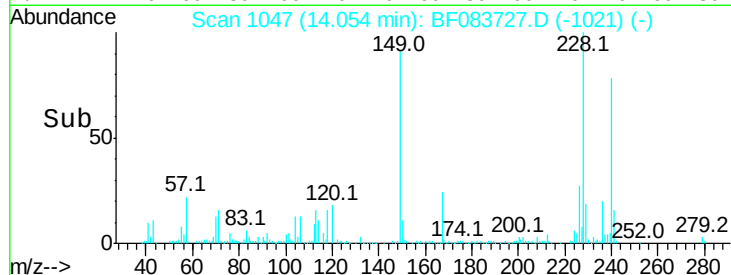
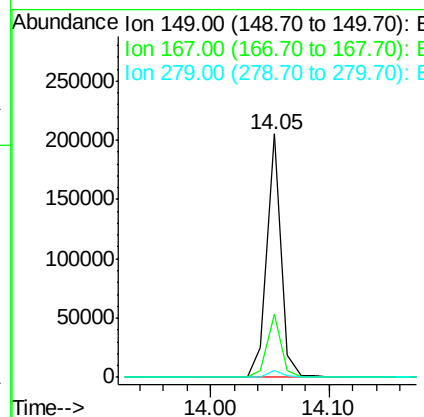
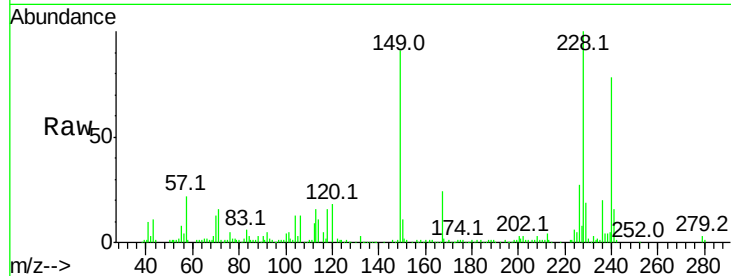




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.96 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

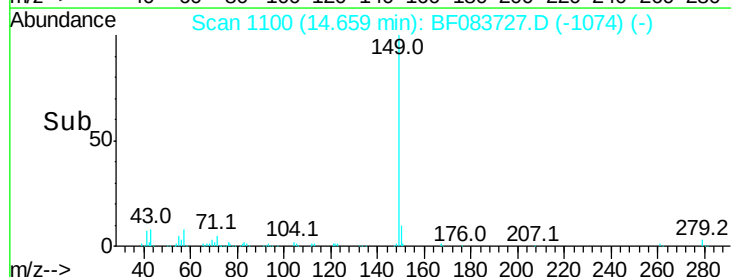
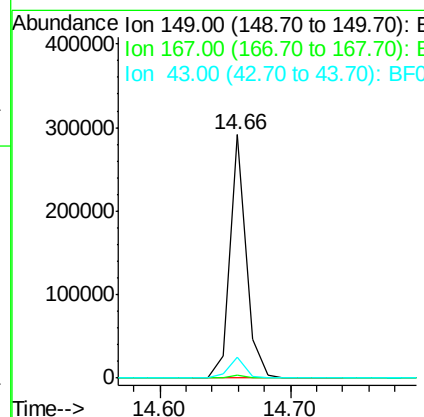
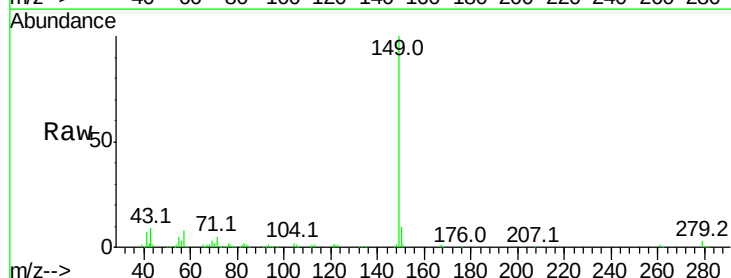
Instrument :
 BNA_F
 ClientSampled :

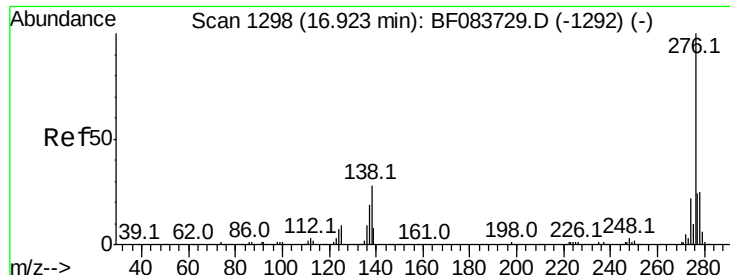
Tot Ion:149 Resp: 172731
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.4 32.0
 279 2.8 2.5 3.7



#84
 Di-n-octyl phthalate
 Concen: 13.30 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion:149 Resp: 253747
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.3 7.4 11.0

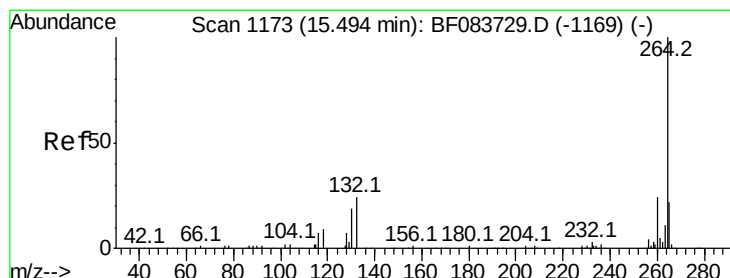
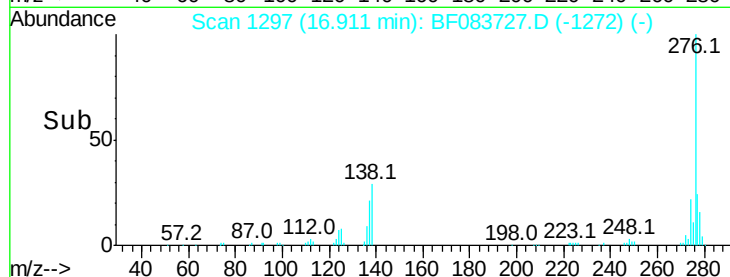
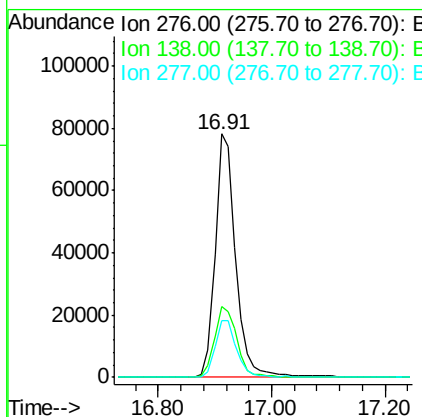
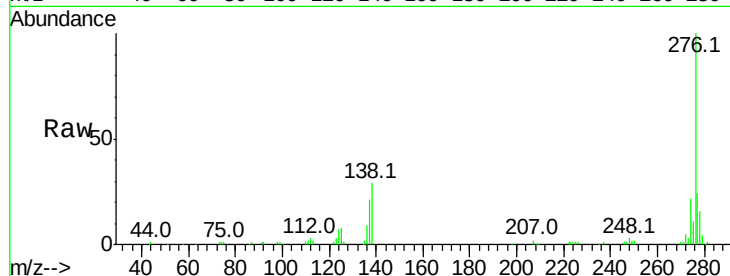




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.63 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

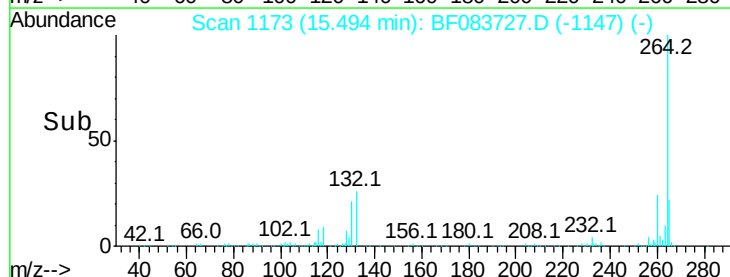
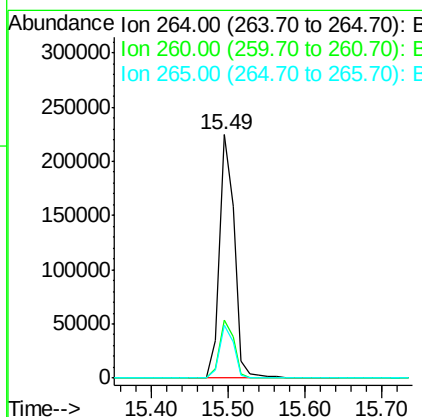
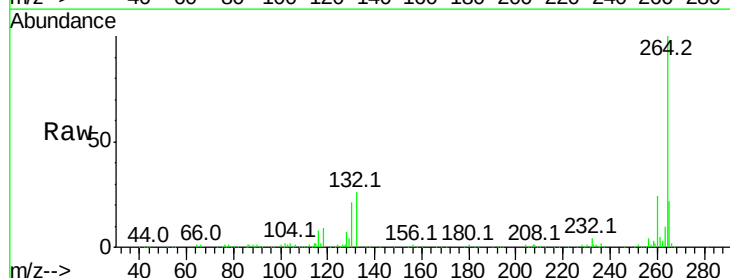
Instrument :
 BNA_F
 ClientSampleId :

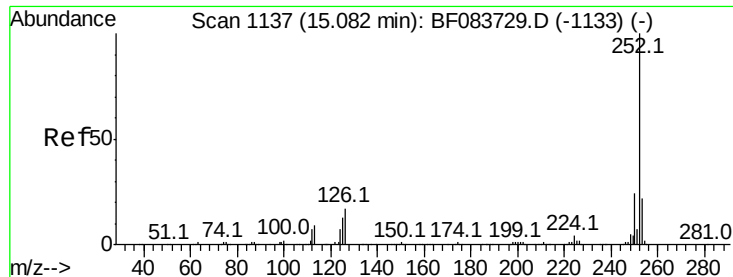
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.1	37.7
277	24.3	20.3	30.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF083727.D
 Acq: 13 Dec 2015 14:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.7	17.7	26.5

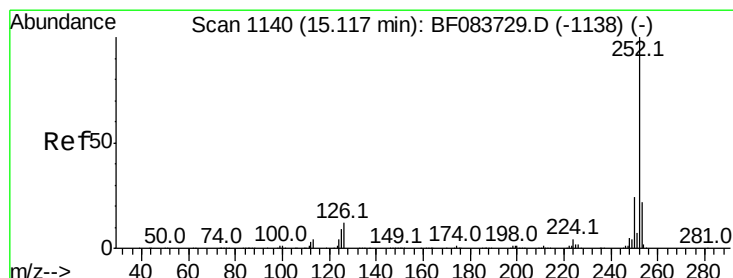
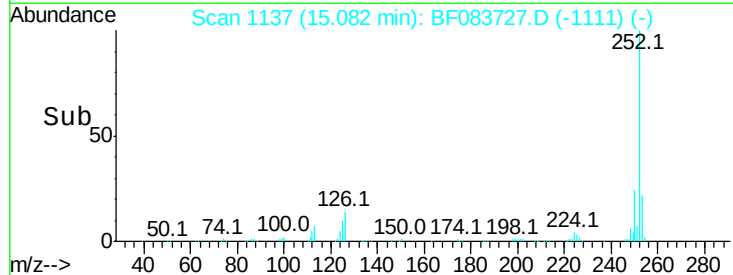
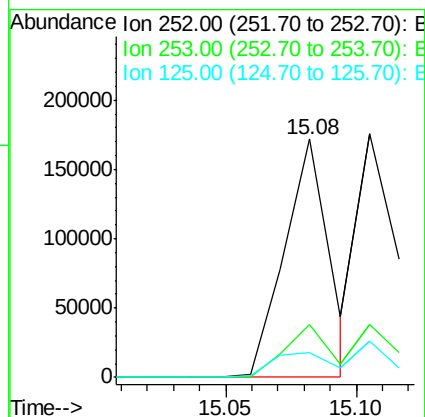
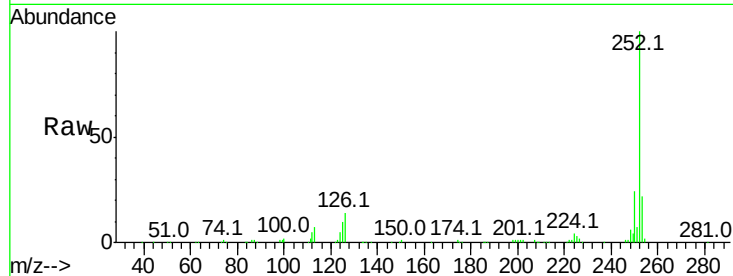




#87
Benzo(b)fluoranthene
Concen: 10.47 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

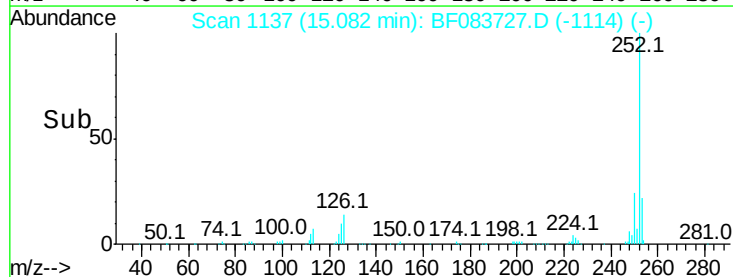
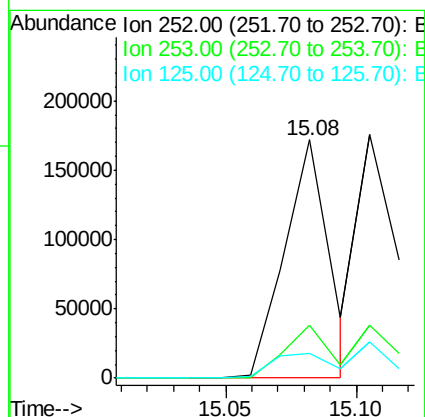
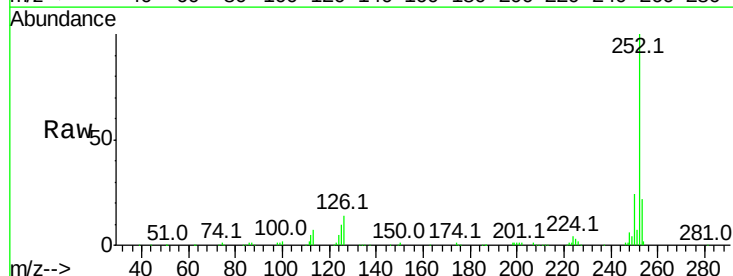
Instrument :
BNA_F
ClientSampleId :

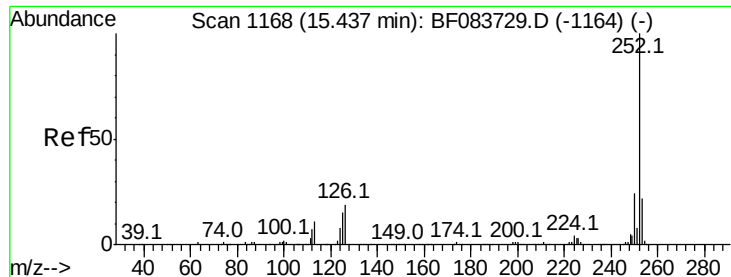
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.4	10.1	15.1



#88
Benzo(k)fluoranthene
Concen: 10.94 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF083727.D
Acq: 13 Dec 2015 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	10.4	7.0	10.4#





#89

Benzo(a)pyrene

Concen: 10.35 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

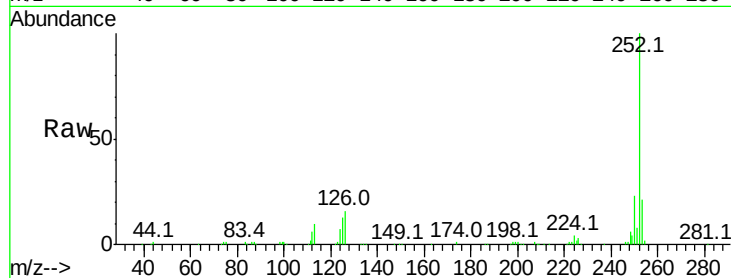
Tot Ion:252 Resp: 180480

Ion Ratio Lower Upper

252 100

253 20.6 17.8 26.6

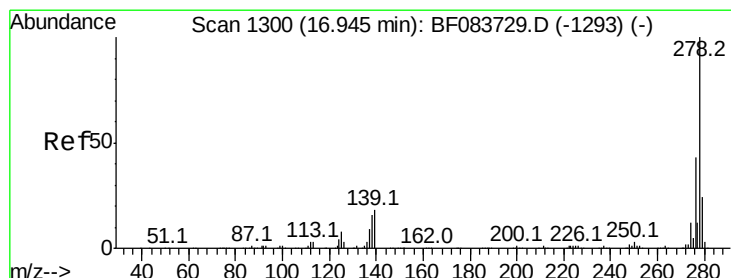
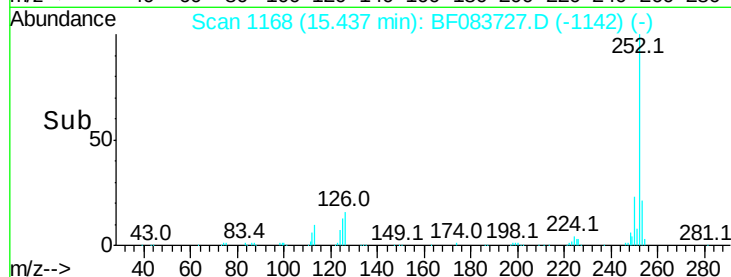
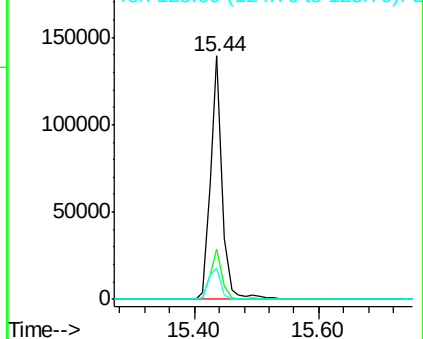
125 12.6 12.1 18.1



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: 9.51 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

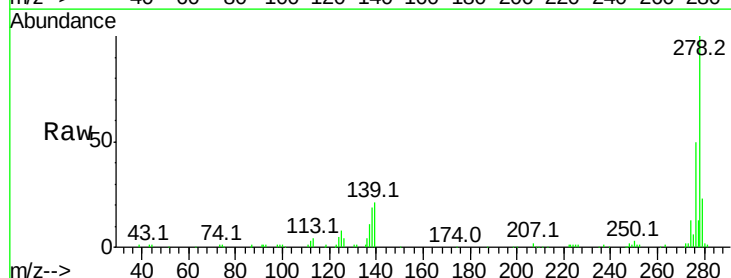
Tgt Ion:278 Resp: 162942

Ion Ratio Lower Upper

278 100

139 20.6 14.4 21.6

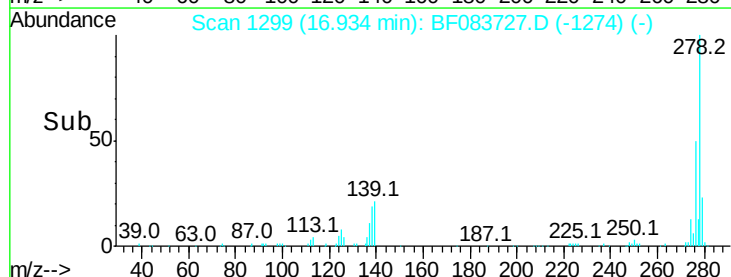
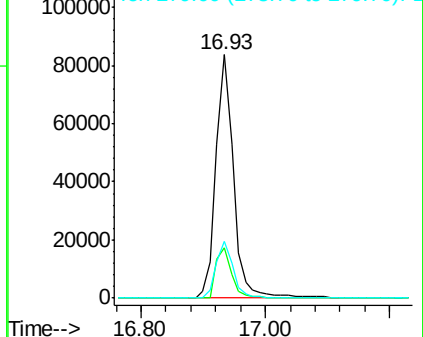
279 23.1 19.0 28.6

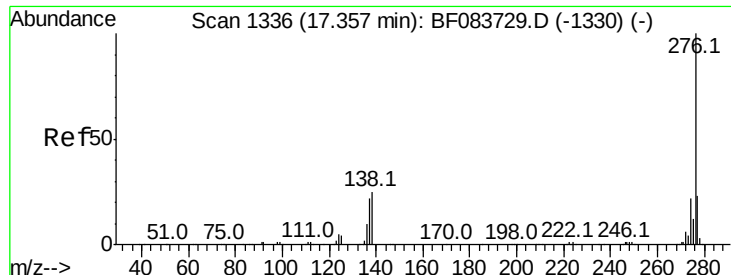


Abundance Ion 278.00 (277.70 to 278.70): E

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: 9.15 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF083727.D

Acq: 13 Dec 2015 14:19

Instrument :

BNA_F

ClientSampleId :

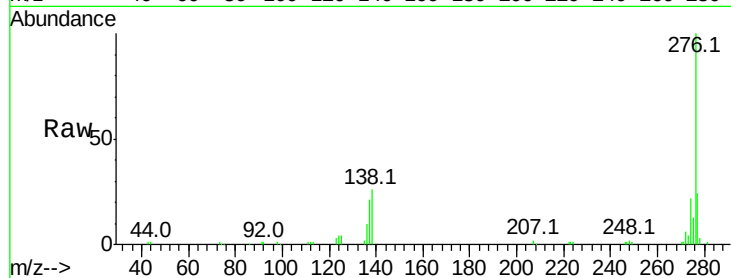
Tot Ion:276 Resp: 165286

Ion Ratio Lower Upper

276 100

277 24.4 18.6 27.8

138 25.8 20.2 30.4



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

