

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083733.D
 Acq On : 13 Dec 2015 17:05
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 02:24:34 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 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	126758	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	486946	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	231063	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	425614	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	291798	20.00	ng	-0.01
86) Perylene-d12	15.49	264	222355	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	612787	77.99	ng	-0.01
7) Phenol-d6	6.54	99	775605	77.95	ng	0.00
23) Nitrobenzene-d5	7.48	82	711861	81.79	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	186168	79.07	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1243201	76.48	ng	-0.01
78) Terphenyl-d14	13.01	244	1028047	75.78	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	150558	39.63	ng	# 81
3) Pyridine	3.29	79	392759	41.09	ng	84
4) n-Nitrosodimethylamine	3.23	42	144734	40.02	ng	# 64
6) Aniline	6.58	93	543373	40.20	ng	# 84
8) 2-Chlorophenol	6.70	128	387078	41.92	ng	# 81
9) Benzaldehyde	6.46	77	219817	41.13	ng	83
10) Phenol	6.56	94	456790	39.88	ng	# 75
11) bis(2-Chloroethyl)ether	6.65	93	315995	38.10	ng	96
12) 1,3-Dichlorobenzene	7.09	146	380622	38.84	ng	99
13) 1,4-Dichlorobenzene	6.93	146	386598	39.04	ng	97
14) 1,2-Dichlorobenzene	7.09	146	380556	42.77	ng	99
15) Benzyl Alcohol	7.06	79	315174	43.11	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	437487	40.62	ng	68
17) 2-Methylphenol	7.17	107	306910	41.34	ng	# 83
18) Hexachloroethane	7.44	117	142904	40.64	ng	# 84
19) n-Nitroso-di-n-propylamine	7.33	70	226232	37.13	ng	89
20) 3+4-Methylphenols	7.32	107	336282	38.37	ng	# 75
22) Acetophenone	7.33	105	501111	41.95	ng	# 87
24) Nitrobenzene	7.50	77	379281	41.87	ng	# 69
25) Isophorone	7.74	82	704108	41.23	ng	# 93
26) 2-Nitrophenol	7.81	139	174595	40.12	ng	90
27) 2,4-Dimethylphenol	7.86	122	352886	41.27	ng	94
28) bis(2-Chloroethoxy)methane	7.95	93	377612	38.75	ng	# 96
29) 2,4-Dichlorophenol	8.05	162	275518	39.25	ng	94
30) 1,2,4-Trichlorobenzene	8.14	180	294074	40.40	ng	97
31) Naphthalene	8.22	128	998347	39.33	ng	98
32) Benzoic acid	7.96	122	215924	40.52	ng	93
33) 4-Chloroaniline	8.27	127	452358	43.63	ng	# 88
34) Hexachlorobutadiene	8.35	225	170010	42.56	ng	98
35) Caprolactam	8.64	113	88683	39.34	ng	# 71
36) 4-Chloro-3-methylphenol	8.75	107	354269	43.14	ng	88
37) 2-Methylnaphthalene	8.91	142	643778	40.40	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	266262	39.06	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	152974	44.29	ng	95

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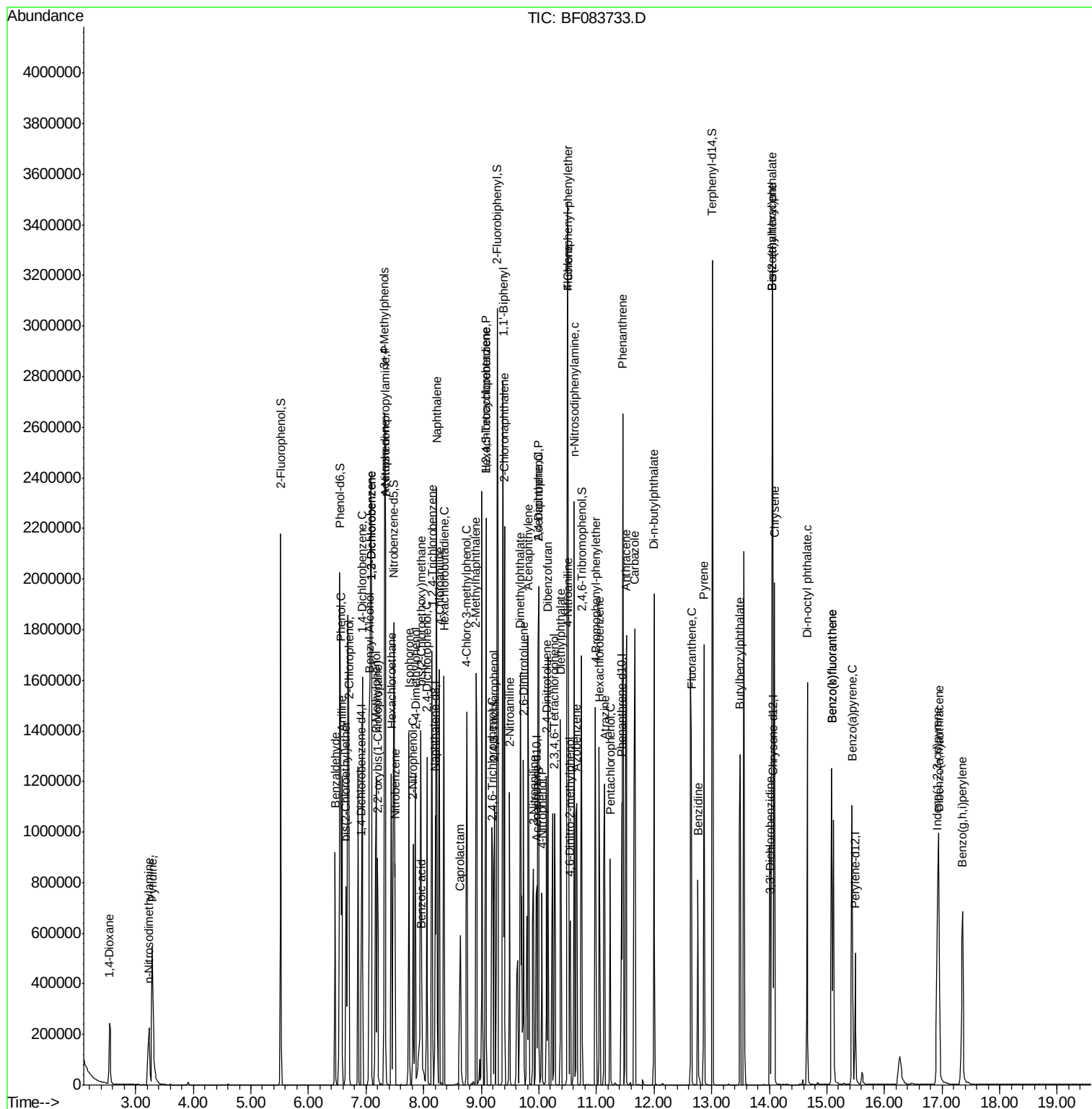
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	201207	40.33	nq	97
43) 2,4,5-Trichlorophenol	9.23	196	208159	43.98	nq	95
45) 1,1'-Biphenyl	9.38	154	802353	39.18	nq	97
46) 2-Chloronaphthalene	9.40	162	601045	39.76	nq	# 91
47) 2-Nitroaniline	9.49	65	203092	47.37	nq	# 68
48) Acenaphthylene	9.81	152	988041	38.85	nq	99
49) Dimethylphthalate	9.68	163	698990	38.80	nq	100
50) 2,6-Dinitrotoluene	9.73	165	155204	40.59	nq	91
51) Acenaphthene	10.00	154	615614	40.04	nq	93
52) 3-Nitroaniline	9.90	138	198631	45.06	nq	# 64
53) 2,4-Dinitrophenol	10.00	184	57440	38.45	nq	# 1
54) Dibenzofuran	10.16	168	780141	38.30	nq	# 90
55) 4-Nitrophenol	10.05	139	158978	48.71	nq	# 78
56) 2,4-Dinitrotoluene	10.13	165	203051	40.66	nq	# 82
57) Fluorene	10.50	166	597452	37.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	142441	40.12	nq	# 100
59) Diethylphthalate	10.37	149	738045	40.47	nq	98
60) 4-Chlorophenyl-phenylether	10.50	204	312653	42.74	nq	95
61) 4-Nitroaniline	10.51	138	159453	41.04	nq	93
62) Azobenzene	10.65	77	701514	42.20	nq	95
64) 4,6-Dinitro-2-methylphenol	10.54	198	114037	47.09	nq	# 57
65) n-Nitrosodiphenylamine	10.61	169	621254	42.68	nq	98
66) 4-Bromophenyl-phenylether	10.98	248	189020	39.72	nq	# 77
67) Hexachlorobenzene	11.05	284	200265	38.89	nq	# 88
68) Atrazine	11.14	200	196068	47.34	nq	99
69) Pentachlorophenol	11.24	266	130427	44.91	nq	98
70) Phenanthrene	11.46	178	899872	39.80	nq	99
71) Anthracene	11.52	178	988108	42.08	nq	100
72) Carbazole	11.66	167	931562	42.58	nq	98
73) Di-n-butylphthalate	12.00	149	1056229	39.75	nq	99
74) Fluoranthene	12.65	202	938593	40.18	nq	96
76) Benzidine	12.76	184	398666	44.84	nq	99
77) Pyrene	12.87	202	938309	40.68	nq	98
79) Butylbenzylphthalate	13.49	149	425891	43.03	nq	# 82
80) Benzo(a)anthracene	14.05	228	662629	39.94	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	240511	40.18	nq	# 95
82) Chrysene	14.09	228	642464	39.70	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	462750	41.08	nq	99
84) Di-n-octyl phthalate	14.66	149	745681	41.65	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.92	276	657781	41.38	nq	# 100
87) Benzo(b)fluoranthene	15.08	252	545619	38.46	nq	# 98
88) Benzo(k)fluoranthene	15.08	252	545619	42.45	nq	97
89) Benzo(a)pyrene	15.44	252	526574	41.60	nq	100
90) Dibenzo(a,h)anthracene	16.95	278	546431	43.41	nq	97
91) Benzo(g,h,i)perylene	17.36	276	561924	43.43	nq	100

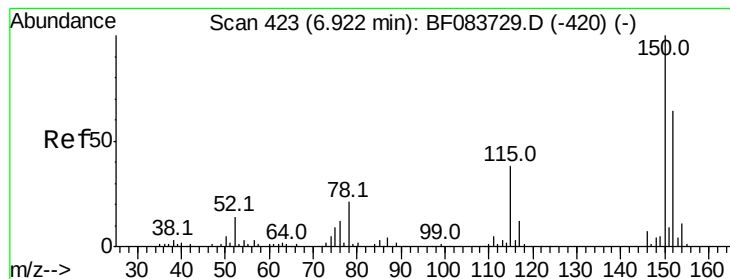
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

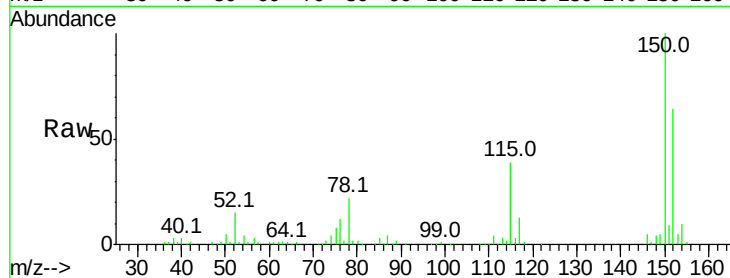
Tot Ion:152 Resp: 126758

Ion Ratio Lower Upper

152 100

150 156.9 126.5 189.7

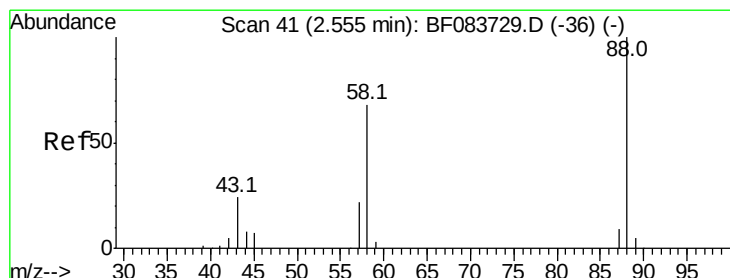
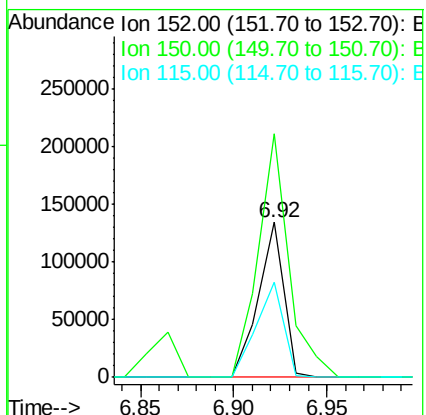
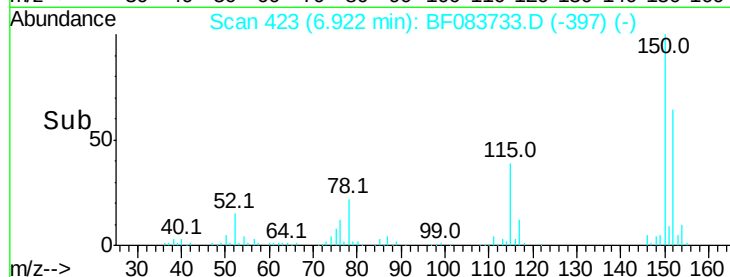
115 61.0 52.3 78.5



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: 39.63 ng

RT: 2.54 min Scan# 40

Delta R.T. -0.02 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

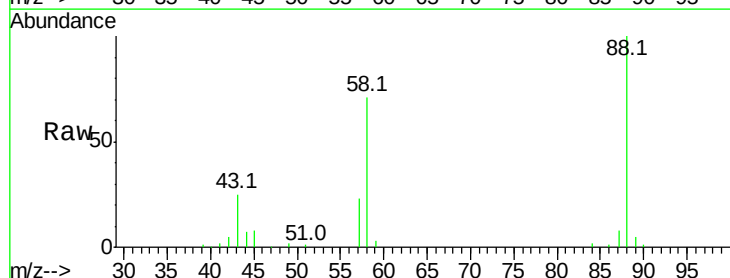
Tgt Ion: 88 Resp: 150558

Ion Ratio Lower Upper

88 100

58 68.3 68.0 102.0

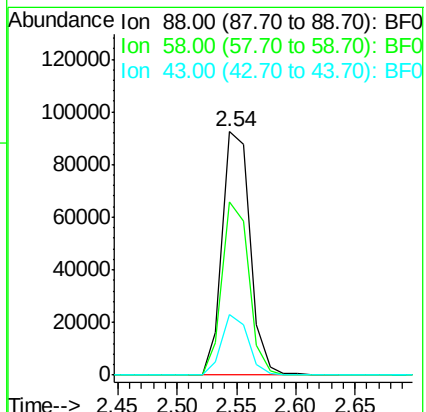
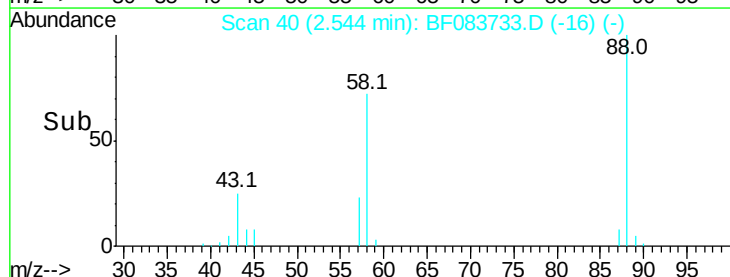
43 23.5 27.9 41.9#

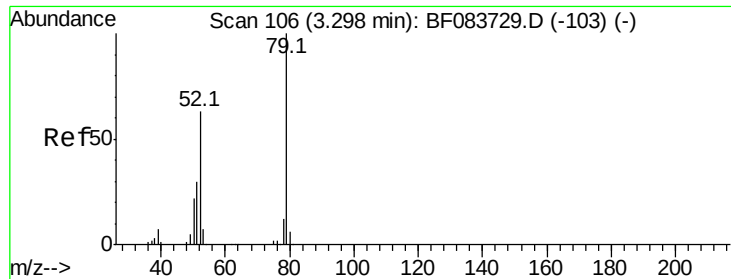


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvrirdine

Concen: 41.09 ng

RT: 3.29 min Scan# 105

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

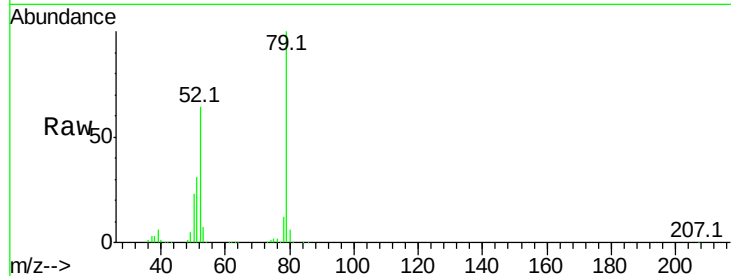
Tot Ion: 79 Resp: 392759

Ion Ratio Lower Upper

79 100

52 63.9 63.7 95.5

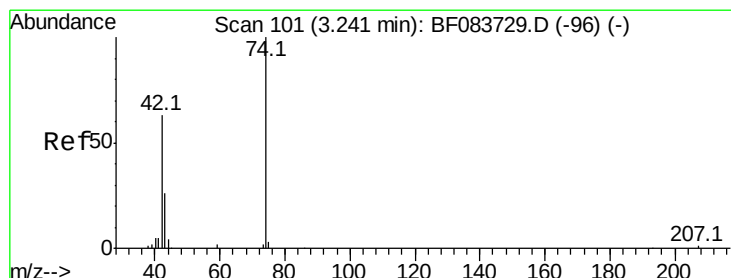
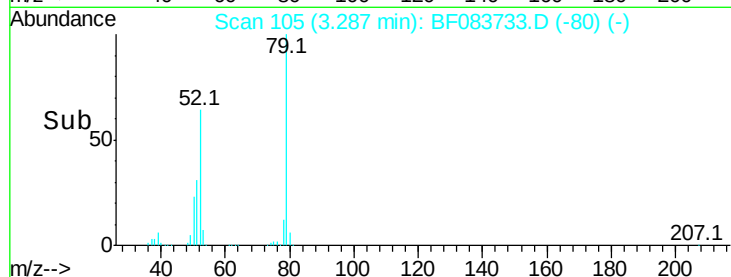
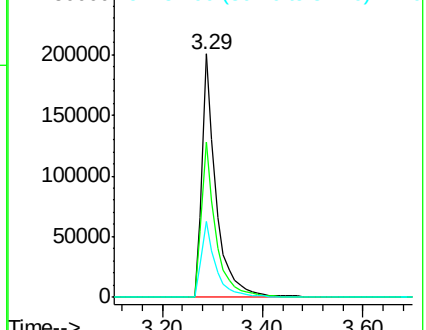
51 31.0 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.02 ng

RT: 3.23 min Scan# 100

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

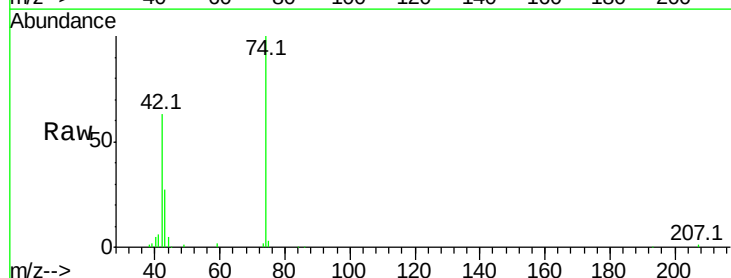
Tgt Ion: 42 Resp: 144734

Ion Ratio Lower Upper

42 100

74 157.5 92.9 139.3#

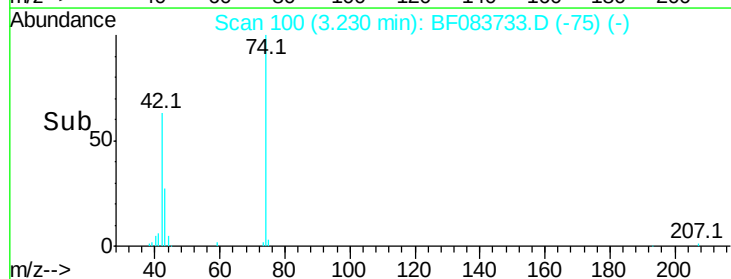
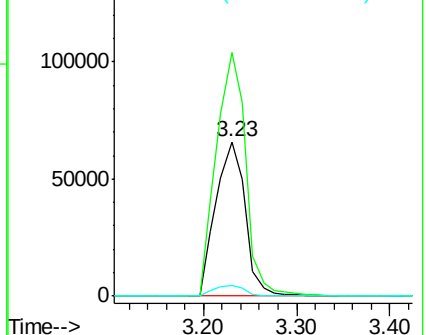
44 7.3 5.7 8.5

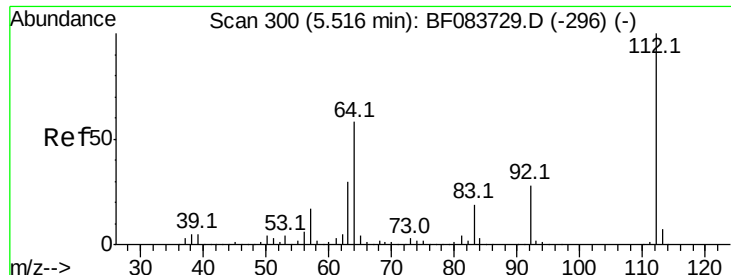


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.99 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

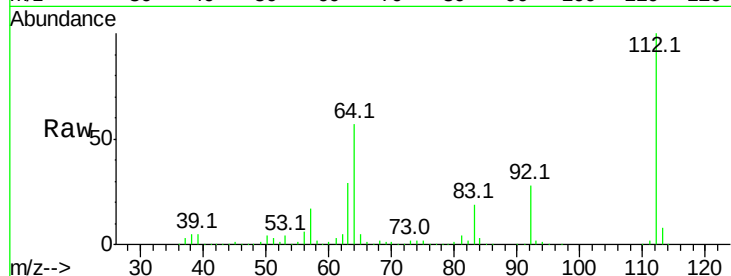
Tot Ion:112 Resp: 612787

Ion Ratio Lower Upper

112 100

64 57.1 50.5 75.7

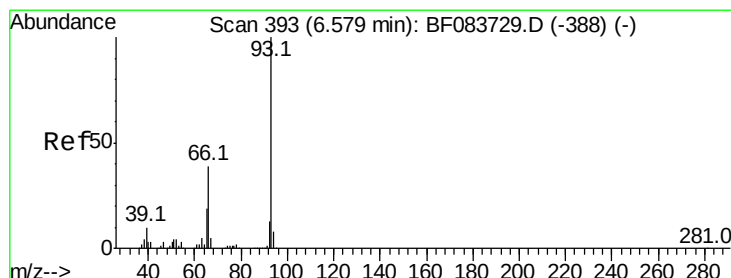
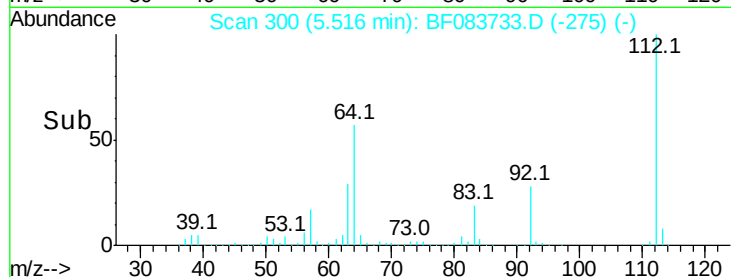
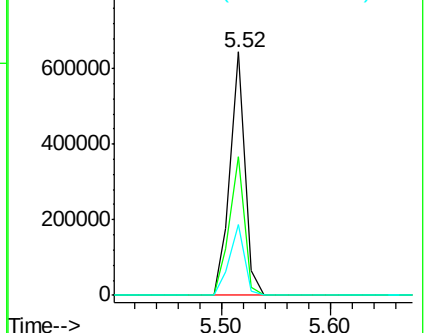
63 29.3 25.8 38.6



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: 40.20 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

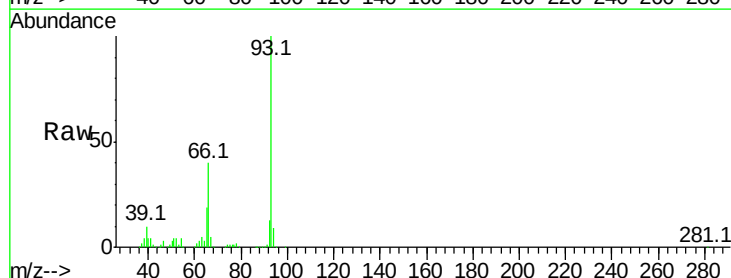
Tgt Ion: 93 Resp: 543373

Ion Ratio Lower Upper

93 100

66 39.6 41.3 61.9#

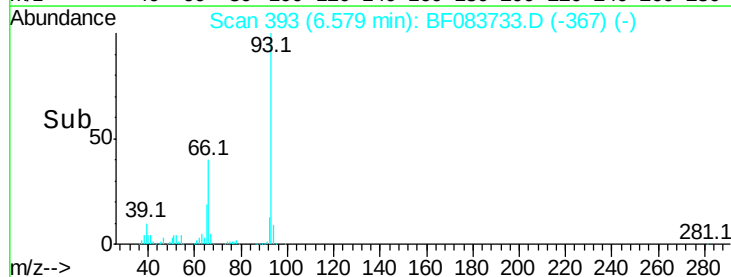
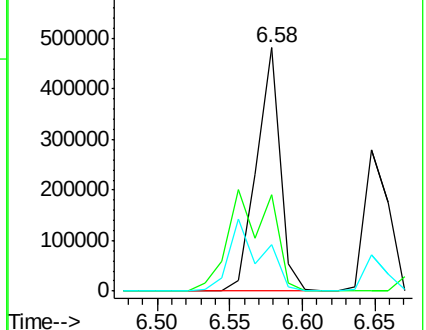
65 19.0 20.8 31.2#

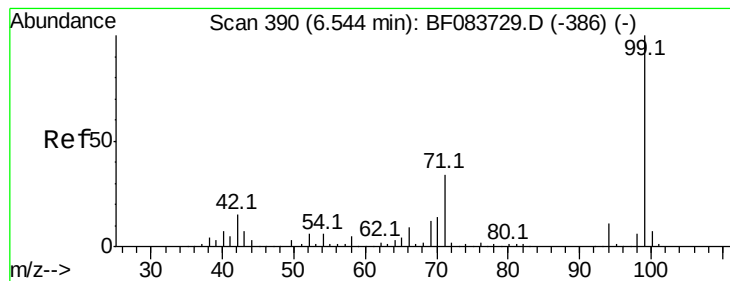


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.95 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

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ClientSampleId :

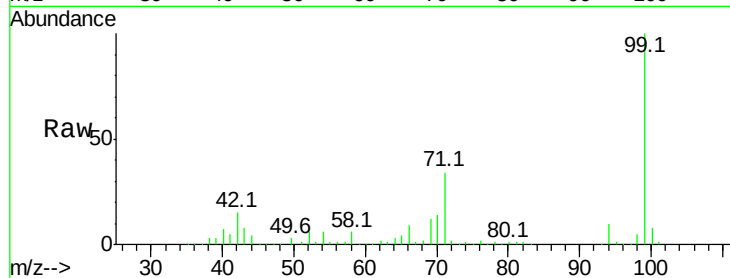
Tot Ion: 99 Resp: 775605

Ion Ratio Lower Upper

99 100

42 15.3 17.3 25.9#

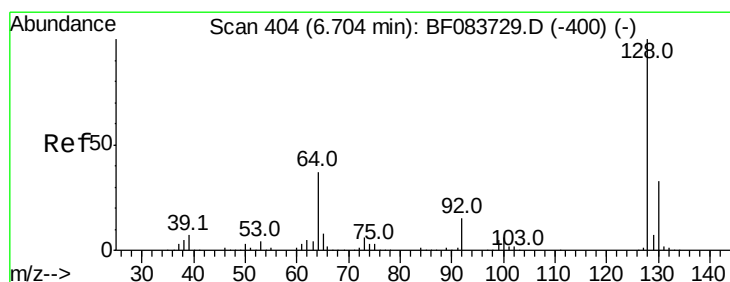
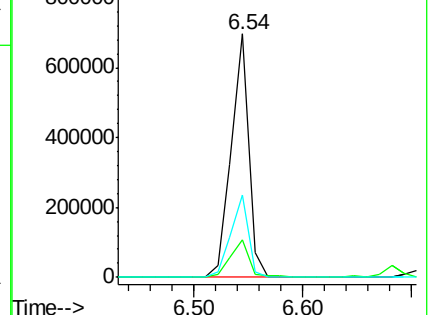
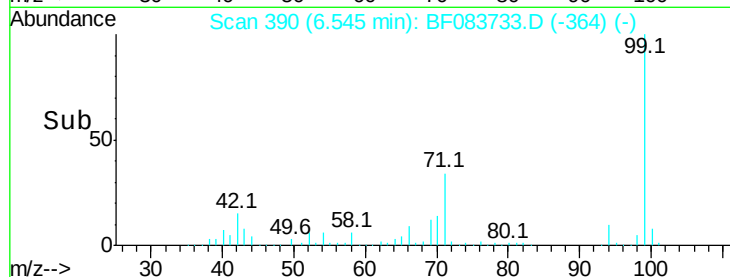
71 33.9 26.6 40.0



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: 41.92 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

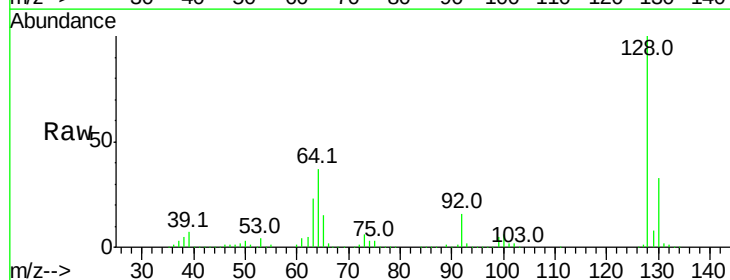
Tgt Ion: 128 Resp: 387078

Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

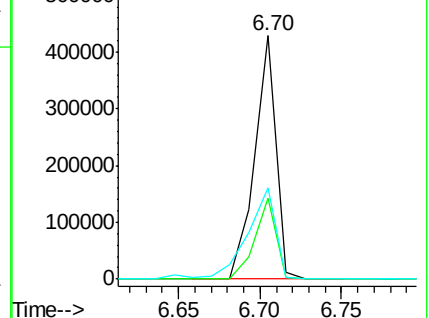
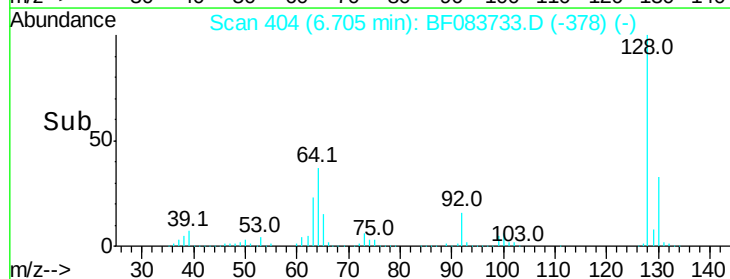
64 37.4 38.6 78.6#

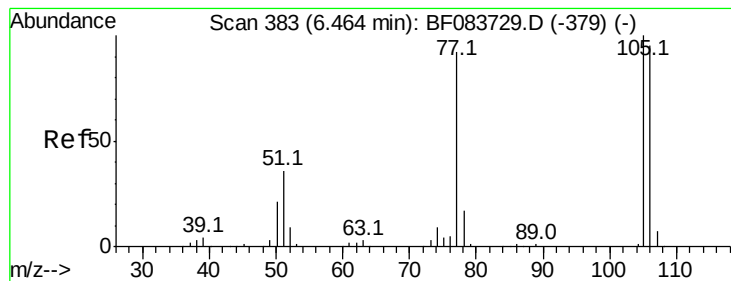


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.13 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampled :

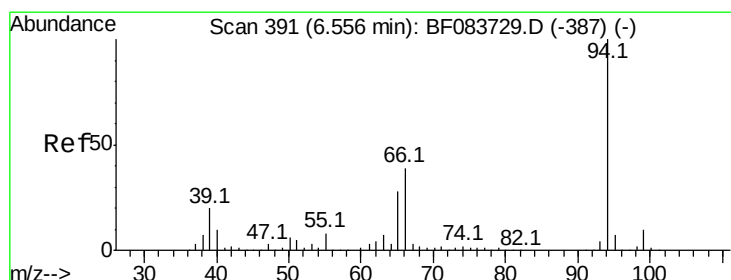
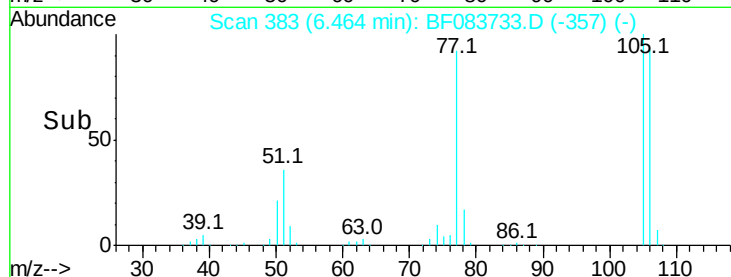
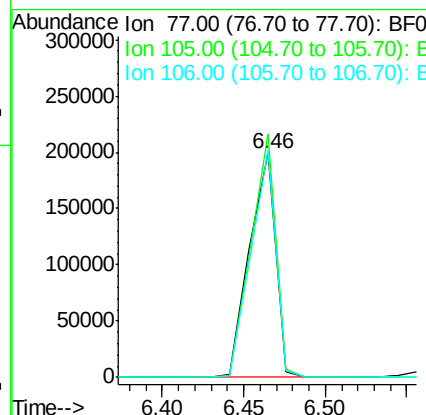
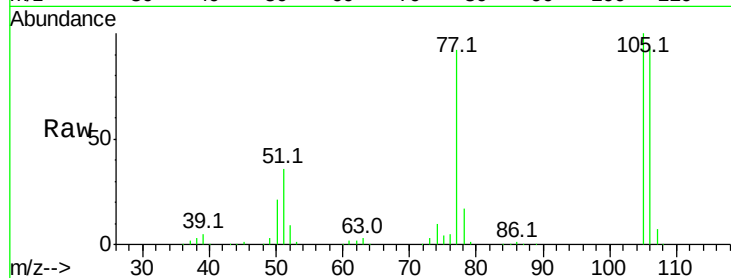
Tot Ion: 77 Resp: 219817

Ion Ratio Lower Upper

77 100

105 108.5 71.8 111.8

106 101.4 66.8 106.8



#10

Phenol

Concen: 39.88 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

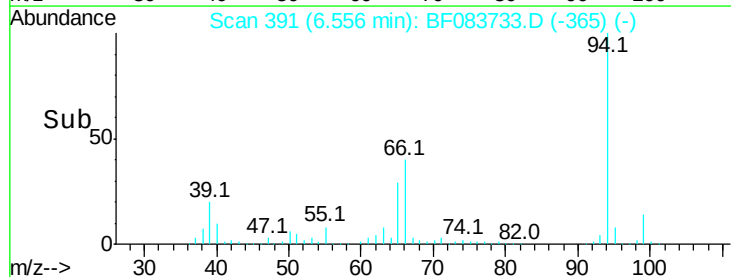
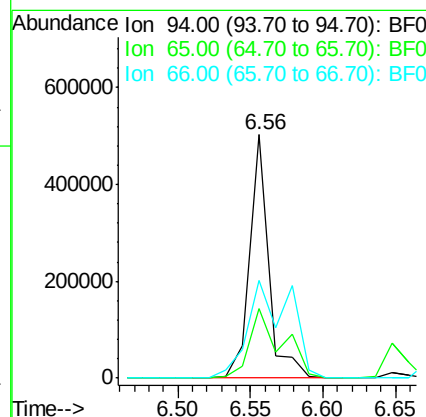
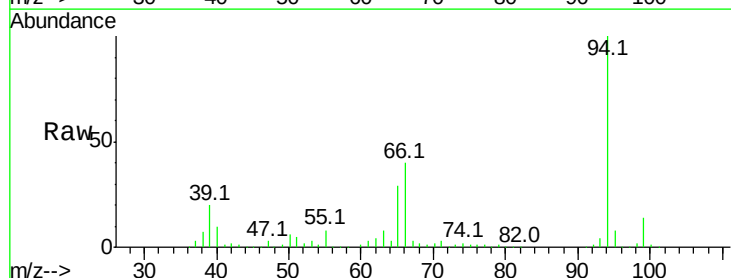
Tgt Ion: 94 Resp: 456790

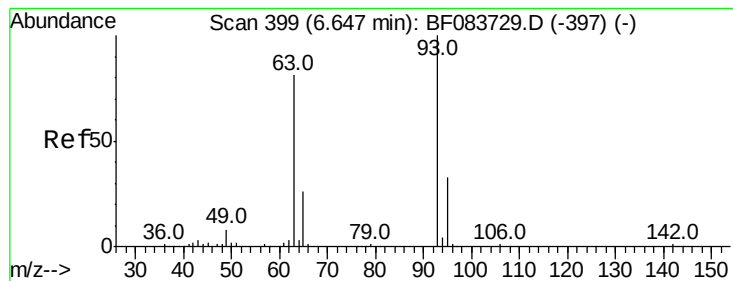
Ion Ratio Lower Upper

94 100

65 28.6 20.9 60.9

66 39.9 41.6 81.6#





#11

bis(2-Chloroethyl)ether

Concen: 38.10 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

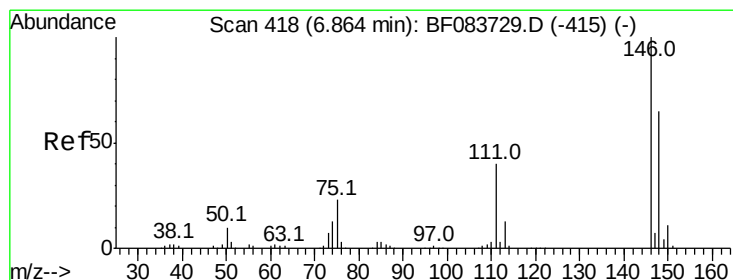
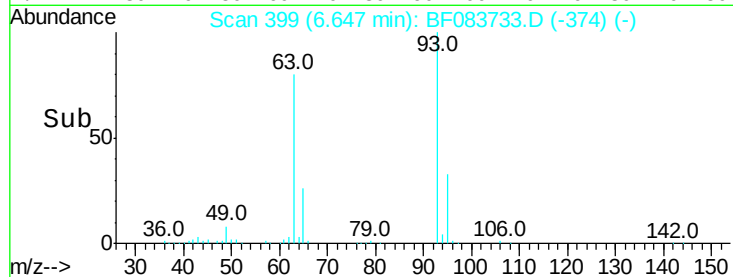
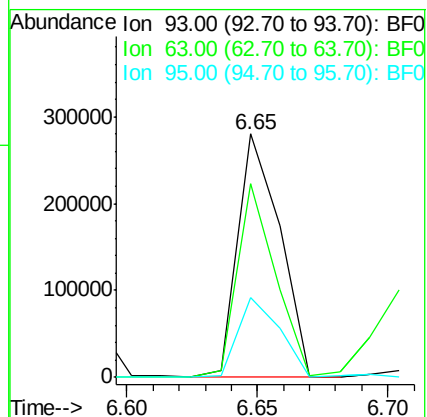
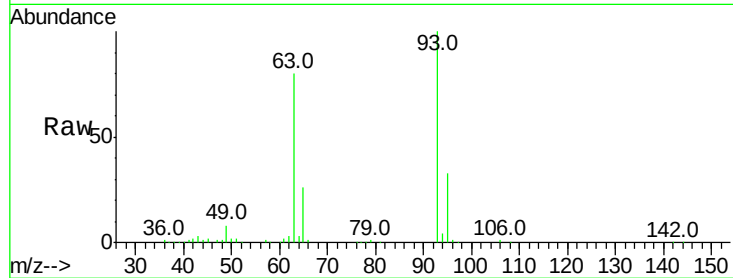
Tot Ion: 93 Resp: 315995

Ion Ratio Lower Upper

93 100

63 79.8 64.7 104.7

95 32.6 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 38.84 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.23 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

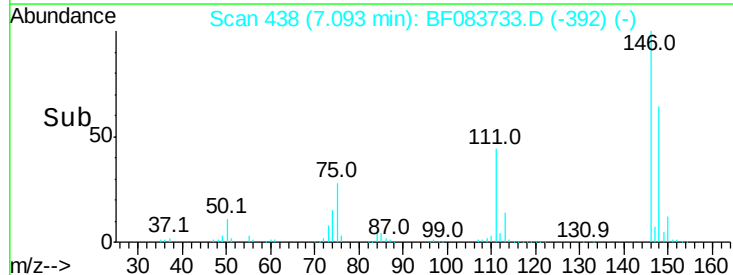
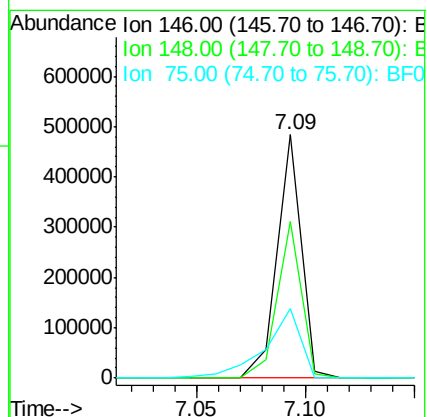
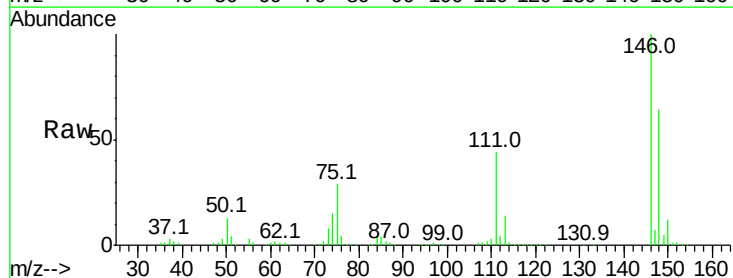
Tgt Ion: 146 Resp: 380622

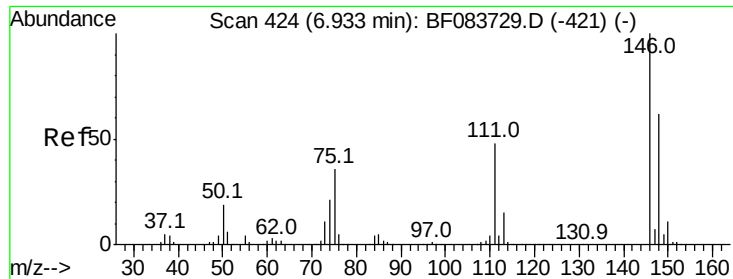
Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

75 28.6 24.1 36.1

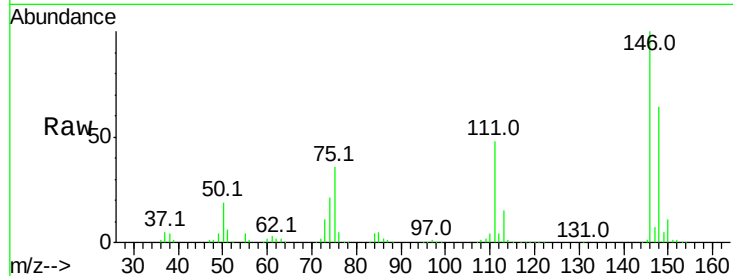




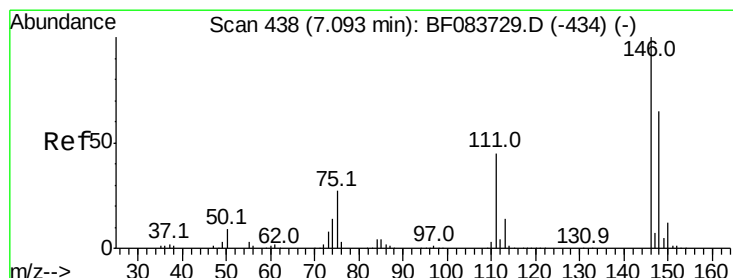
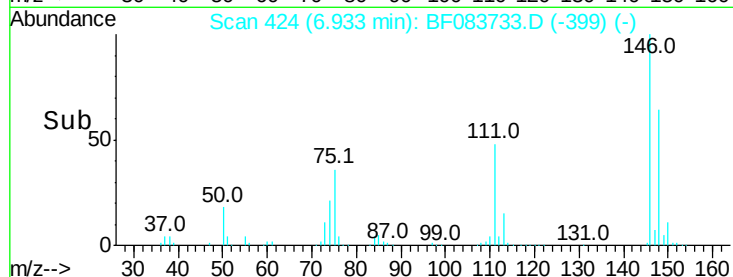
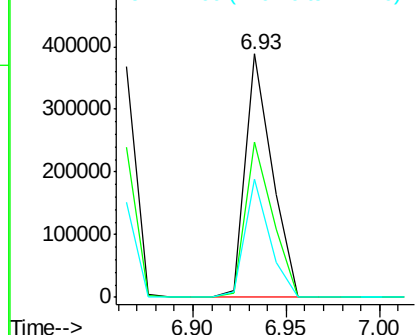
#13
 1,4-Dichlorobenzene
 Concen: 39.04 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 386598
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 76.0
 111 48.5 36.1 54.1

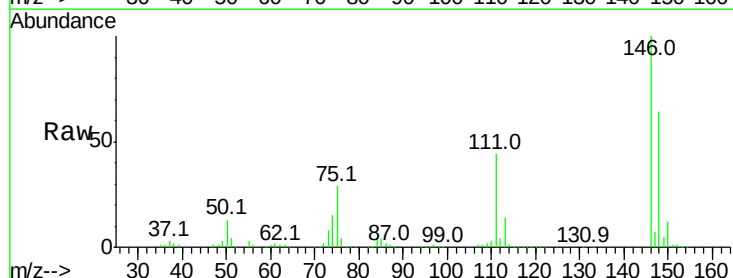


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

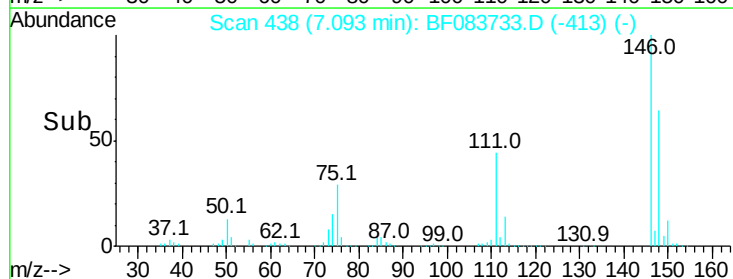
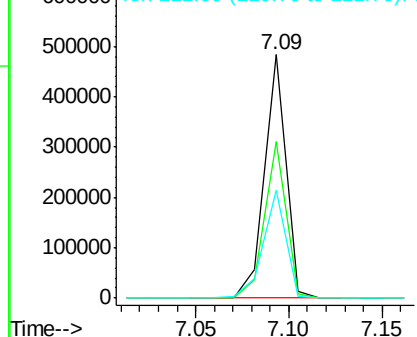


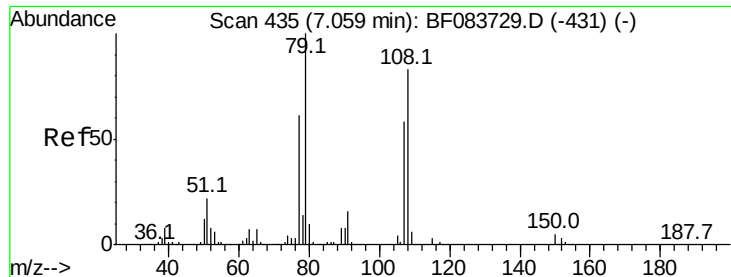
#14
 1,2-Dichlorobenzene
 Concen: 42.77 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:146 Resp: 380556
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.0
 111 44.4 36.7 55.1



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





#15

Benzyl Alcohol

Concen: 43.11 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

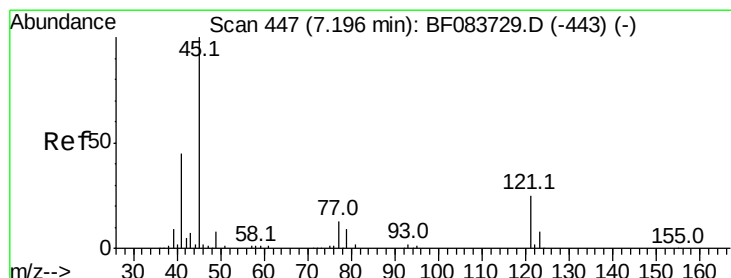
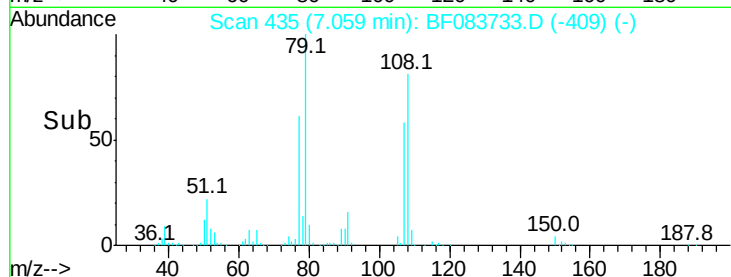
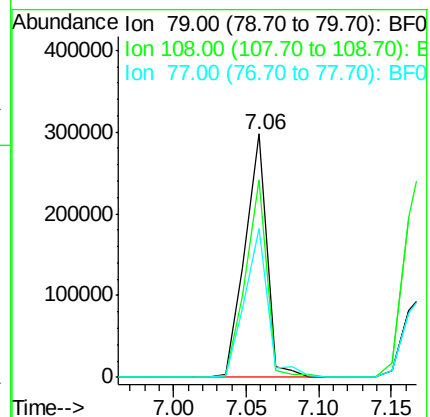
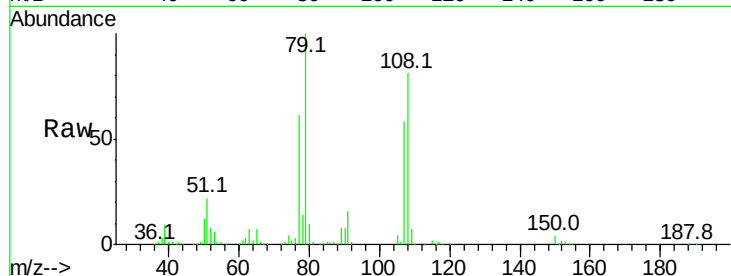
Tot Ion: 79 Resp: 315174

Ion Ratio Lower Upper

79 100

108 81.0 59.6 89.4

77 61.3 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.62 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

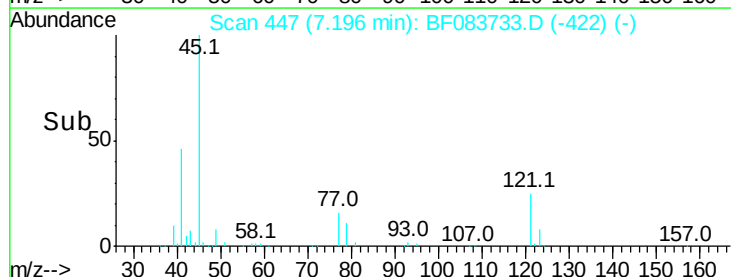
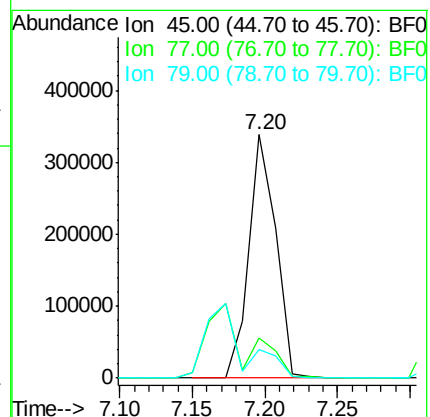
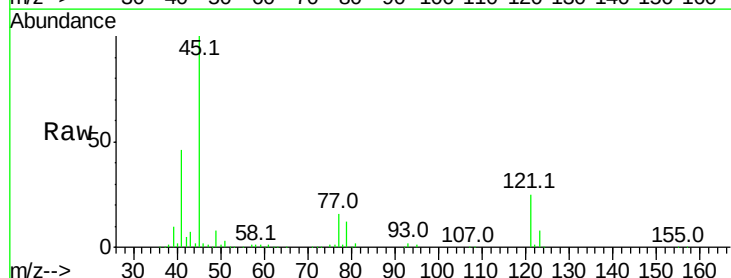
Tgt Ion: 45 Resp: 437487

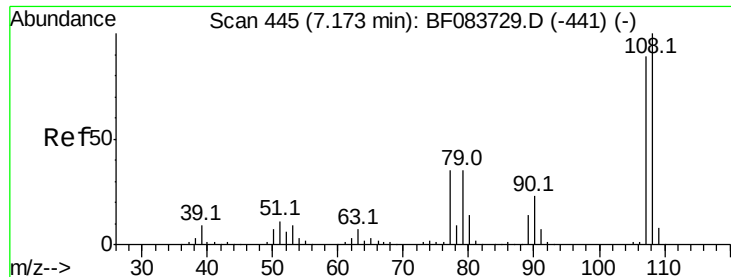
Ion Ratio Lower Upper

45 100

77 16.4 12.8 52.8

79 11.6 10.7 50.7

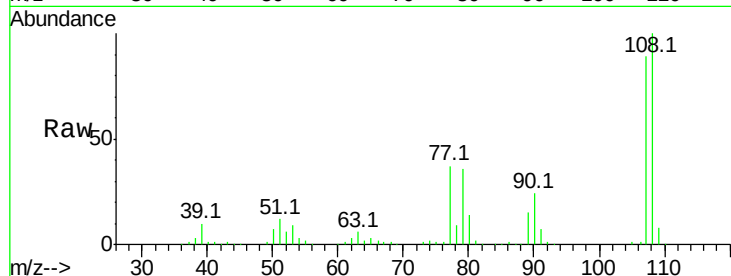




#17
2-Methylphenol
Concen: 41.34 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.6	137.4
77	41.2	53.7	80.5#
79	40.7	50.2	75.4#



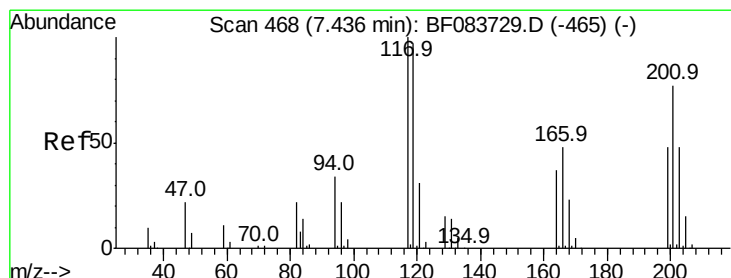
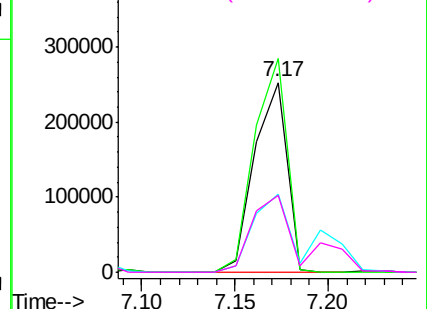
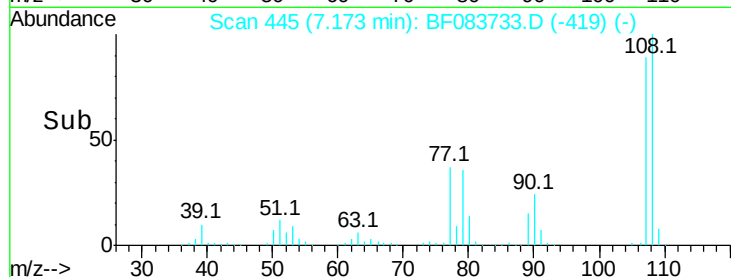
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

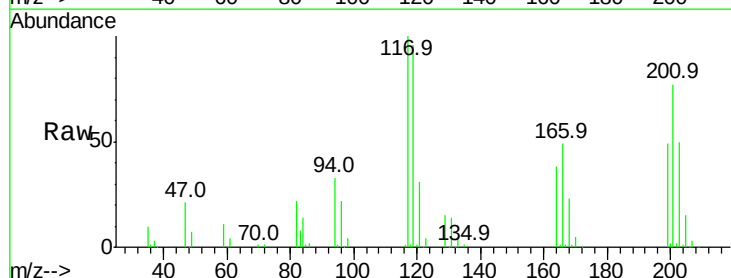
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 40.64 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.2	115.8
201	77.3	86.8	130.2#

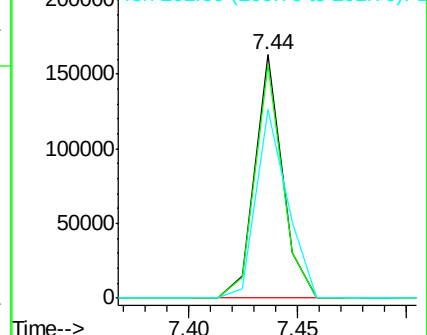
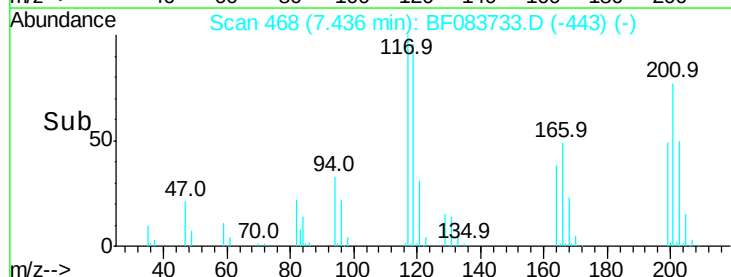


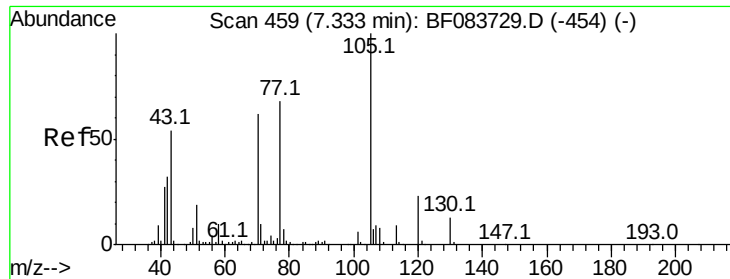
Abundance

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

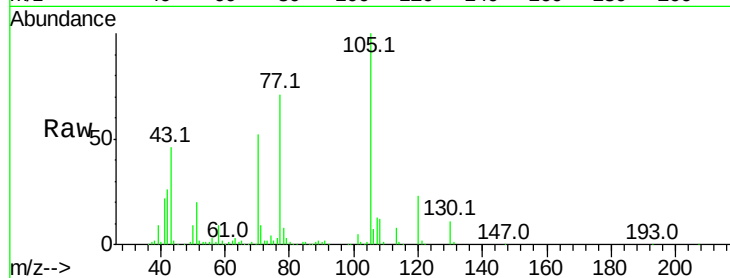




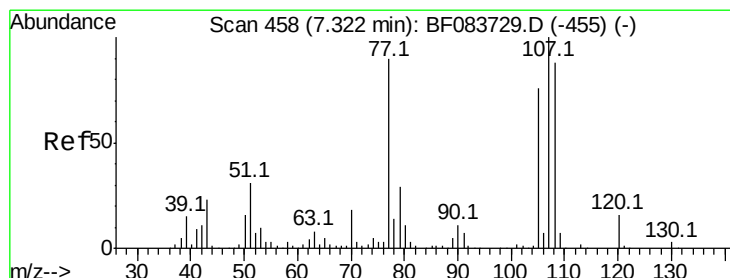
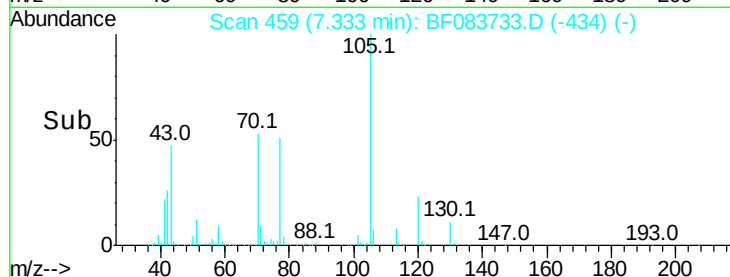
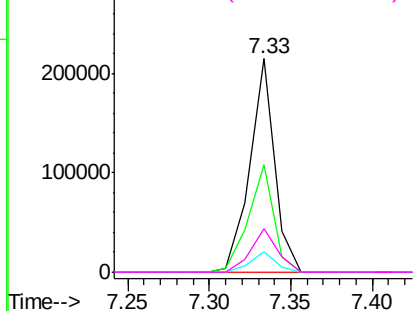
#19
n-Nitroso-di-n-propylamine
Concen: 37.13 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 226232
Ion Ratio Lower Upper
70 100
42 50.2 49.2 73.8
101 9.5 7.1 10.7
130 20.5 15.4 23.0

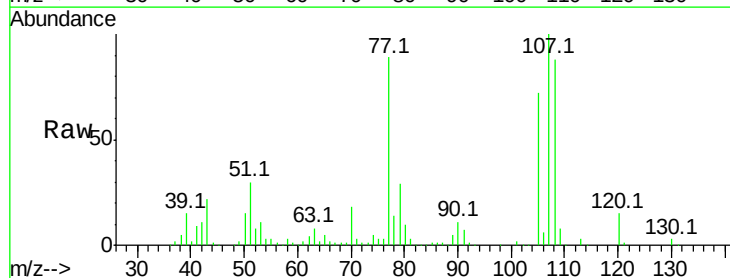


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

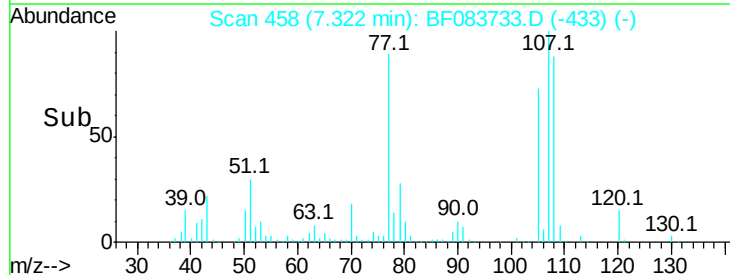
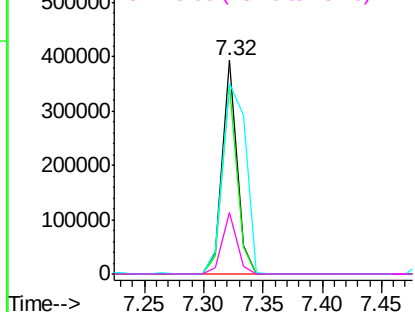


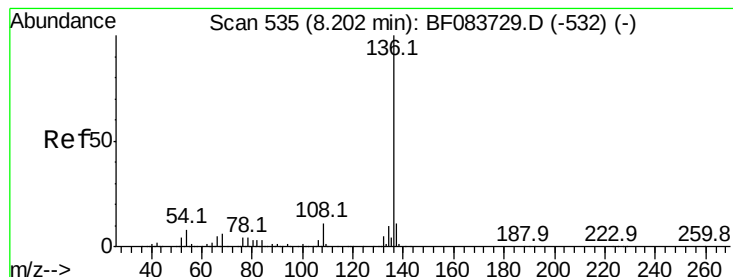
#20
3+4-Methylphenols
Concen: 38.37 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion:107 Resp: 336282
Ion Ratio Lower Upper
107 100
108 87.9 65.2 105.2
77 89.3 15.2 55.2#
79 28.5 6.0 46.0



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083733.D

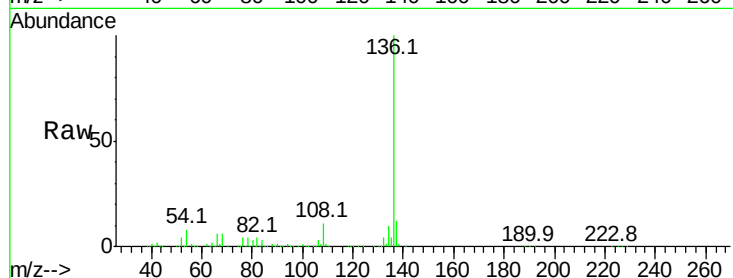
Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	486946
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.7 13.1
54	7.7	7.8 11.6#
68	6.4	5.7 8.5

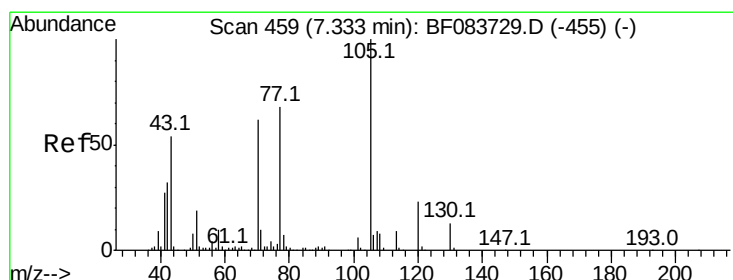
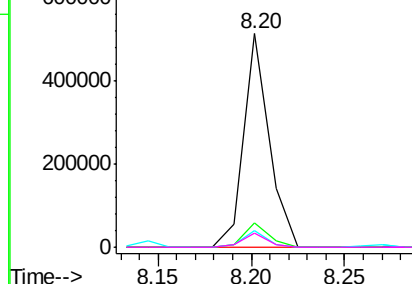
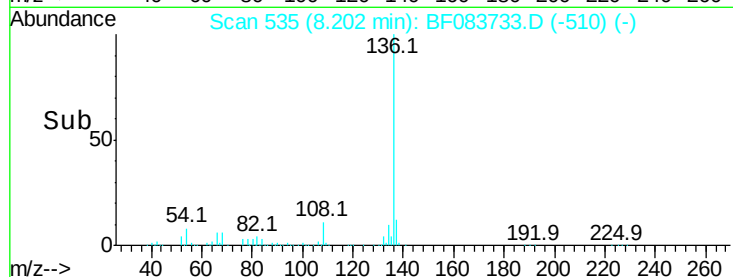


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.95 ng

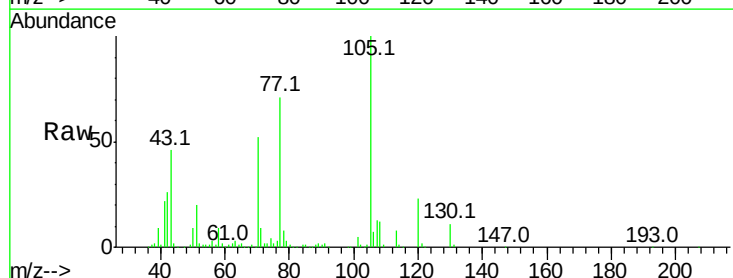
RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion:105	Resp:	501111
Ion Ratio	Lower	Upper
105	100	
71	8.7	1.3 1.9#
51	19.5	23.8 35.8#
120	22.8	16.7 25.1

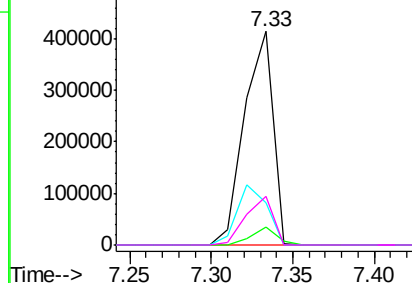
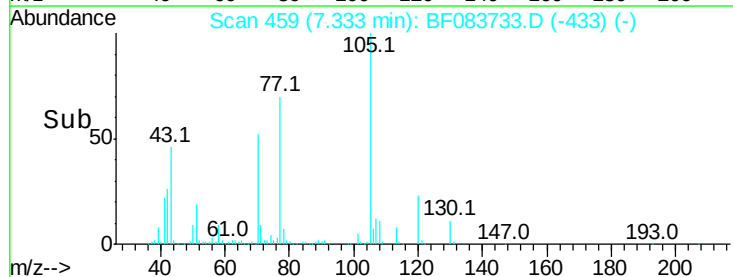


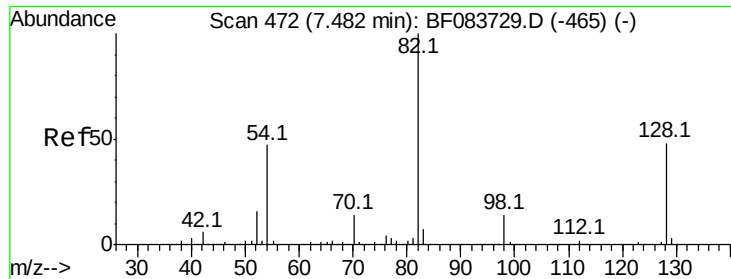
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

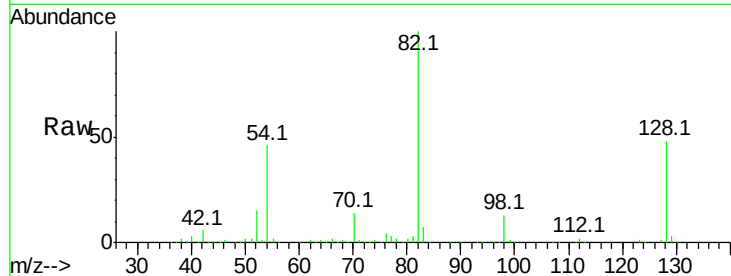




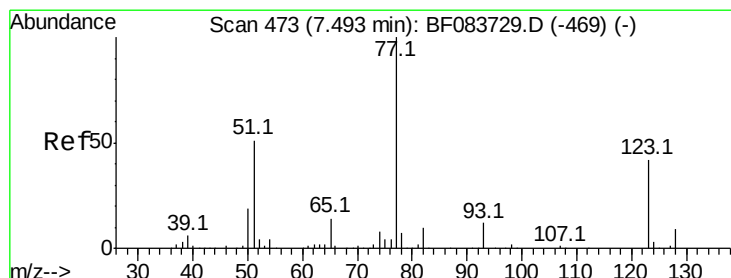
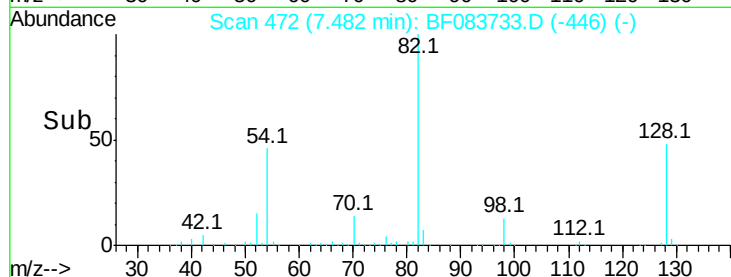
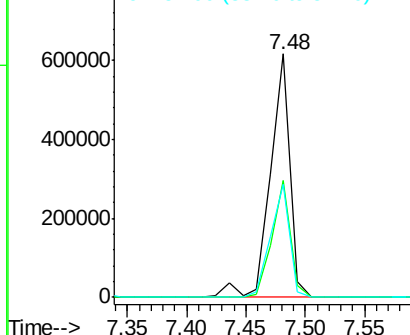
#23
Nitrobenzene-d5
Concen: 81.79 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	30.7	46.1#
54	46.3	42.5	63.7

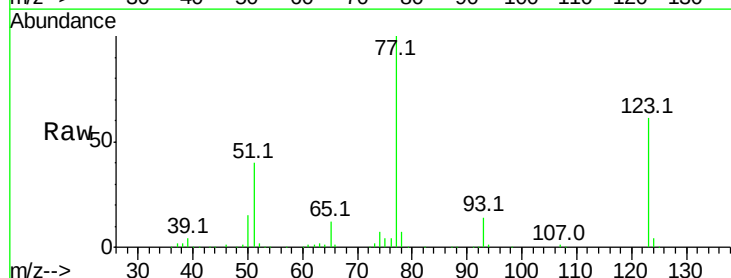


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

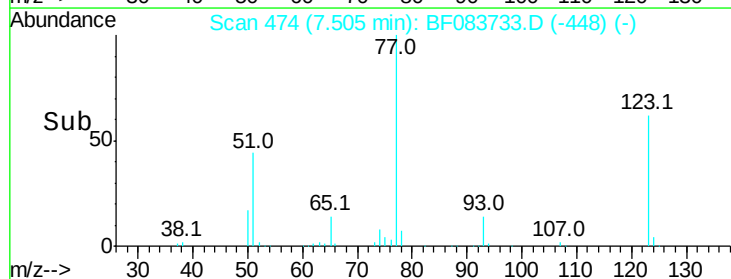
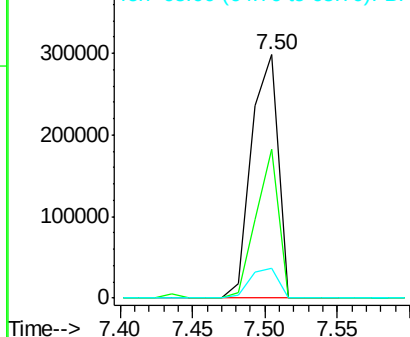


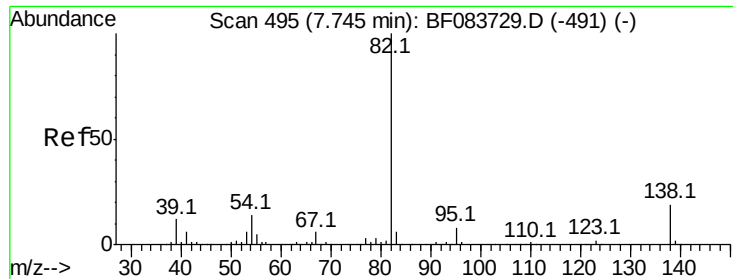
#24
Nitrobenzene
Concen: 41.87 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	61.4	29.8	44.6#
65	12.2	11.1	16.7



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





#25

Isophorone

Concen: 41.23 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

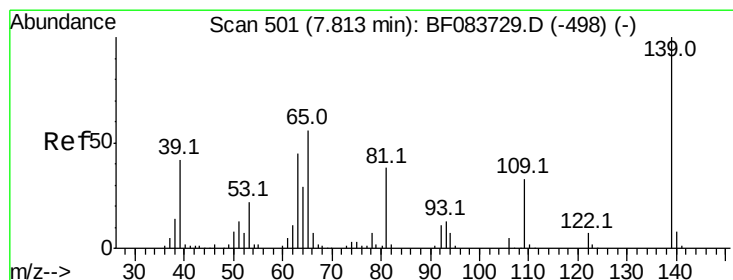
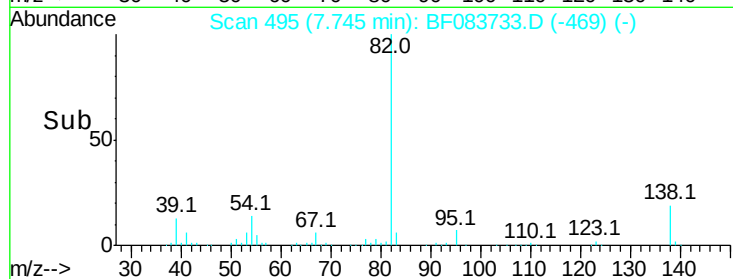
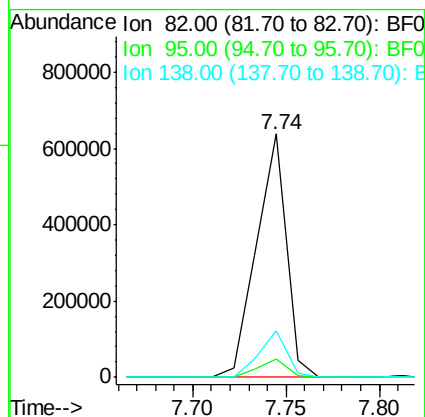
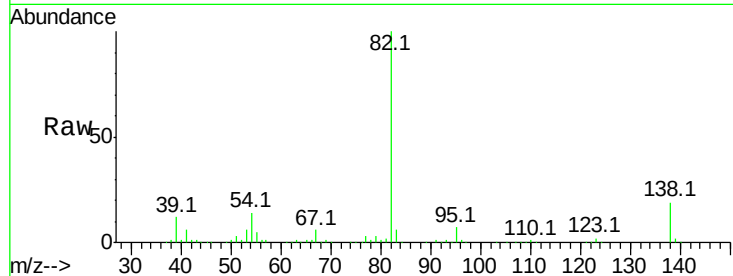
Tot Ion: 82 Resp: 704108

Ion Ratio Lower Upper

82 100

95 7.3 5.0 7.4

138 18.9 12.1 18.1#



#26

2-Nitrophenol

Concen: 40.12 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

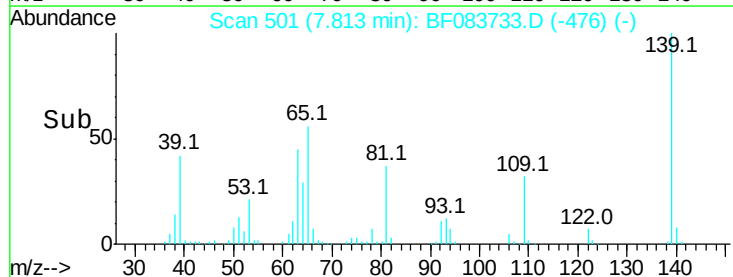
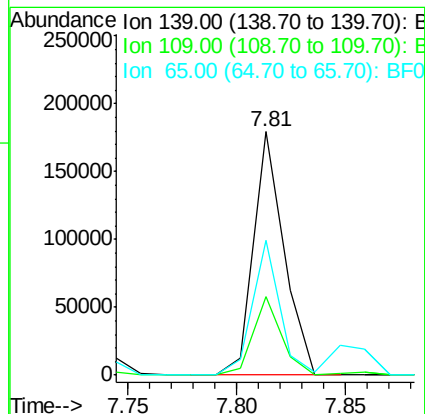
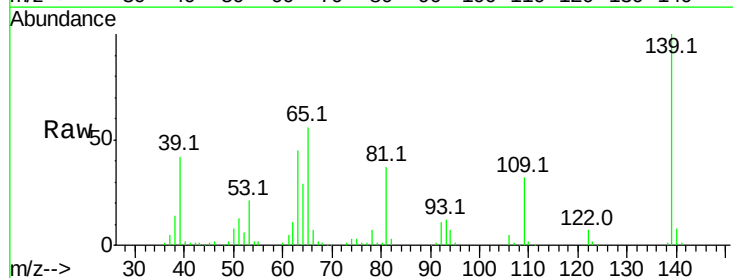
Tgt Ion: 139 Resp: 174595

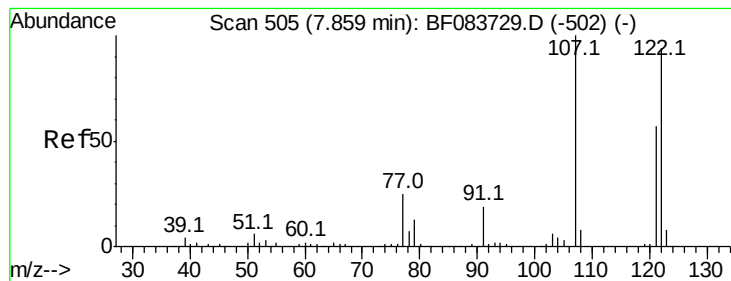
Ion Ratio Lower Upper

139 100

109 32.1 22.7 34.1

65 55.6 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 41.27 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

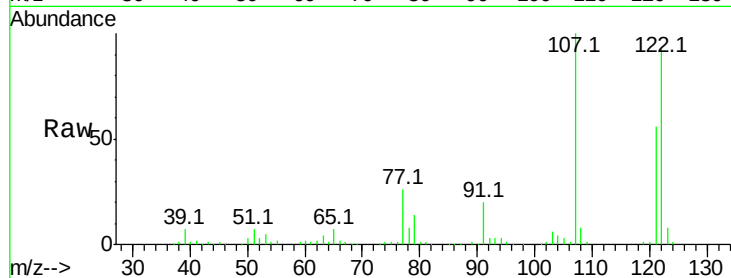
Tot Ion:122 Resp: 352886

Ion Ratio Lower Upper

122 100

107 107.3 92.4 138.6

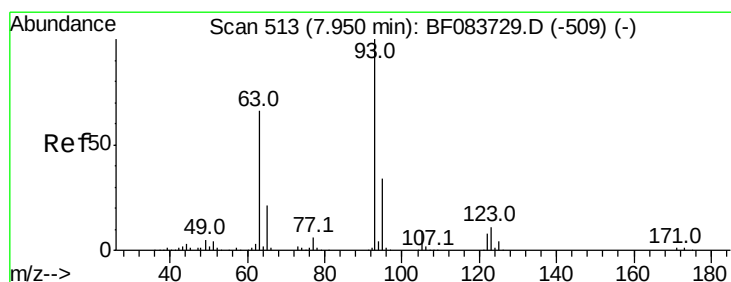
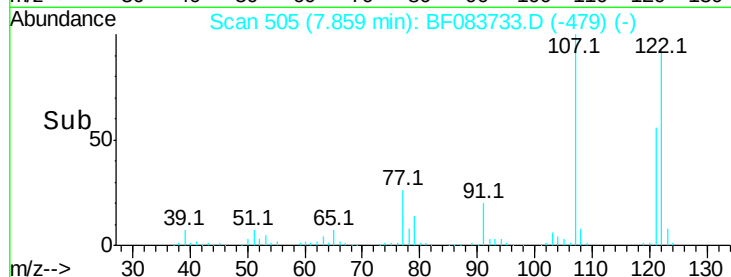
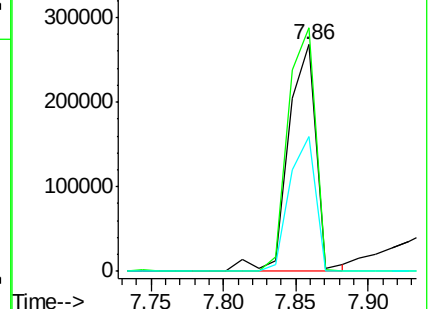
121 59.6 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.75 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

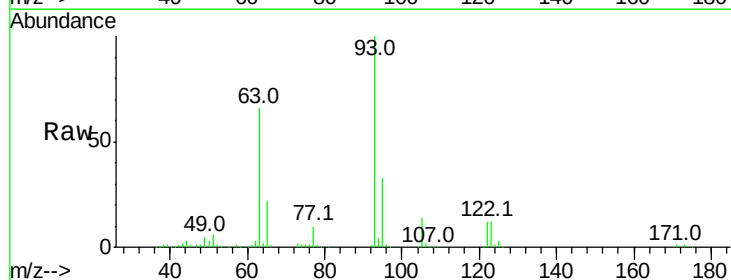
Tgt Ion: 93 Resp: 377612

Ion Ratio Lower Upper

93 100

95 33.4 25.6 38.4

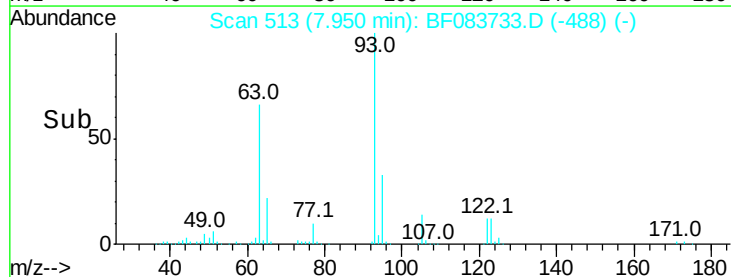
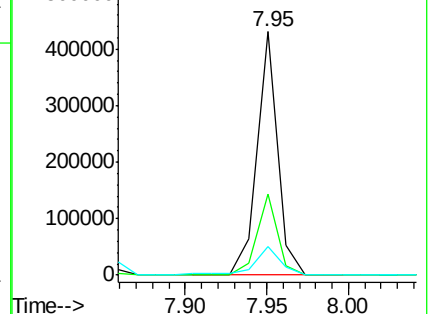
123 11.7 7.3 10.9#

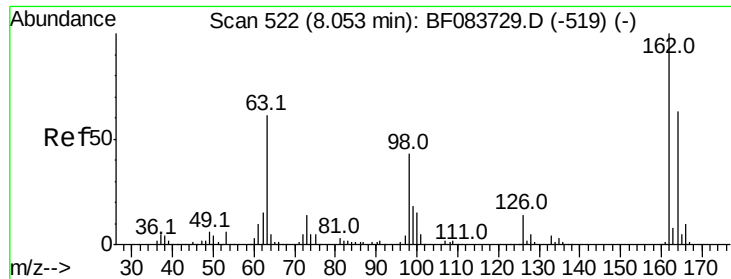


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

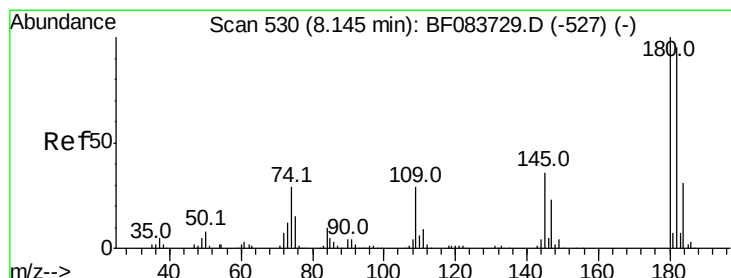
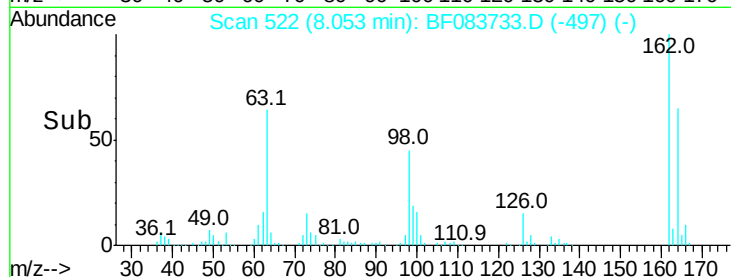
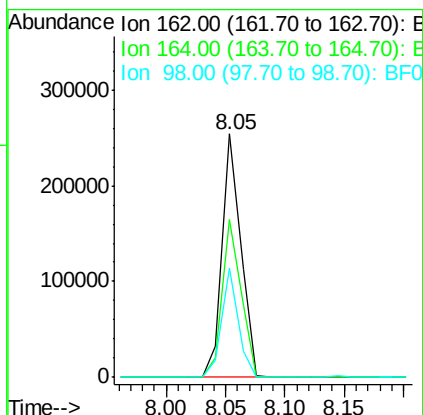
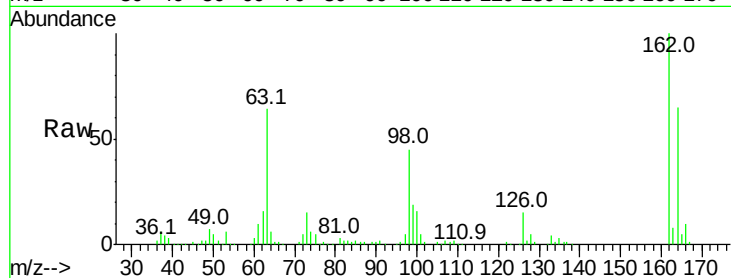




#29
 2,4-Dichlorophenol
 Concen: 39.25 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

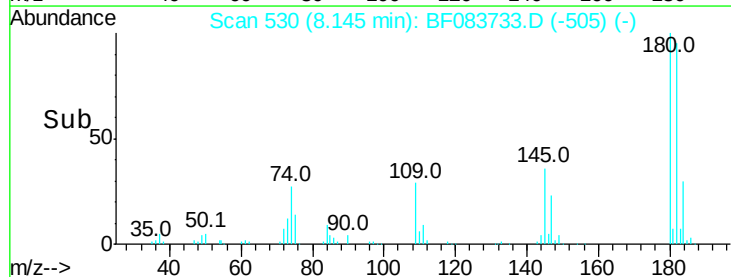
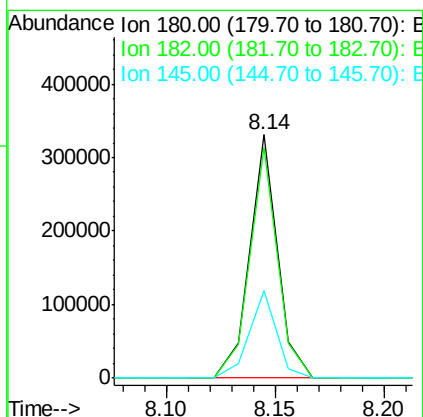
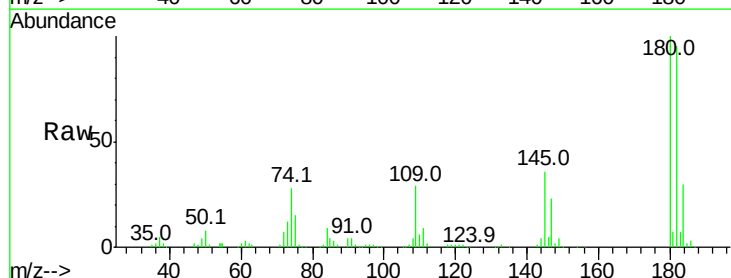
Instrument :
 BNA_F
 ClientSampleId :

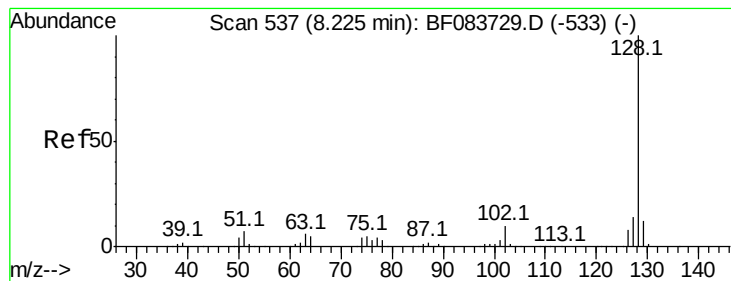
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.4	83.4
98	44.9	17.5	57.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.40 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	74.9	112.3
145	35.7	24.7	37.1





#31

Naphthalene

Concen: 39.33 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

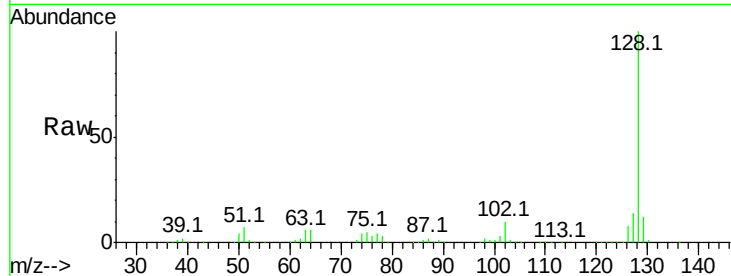
Tot Ion:128 Resp: 998347

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

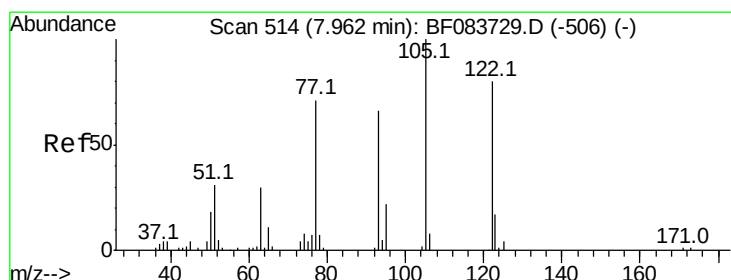
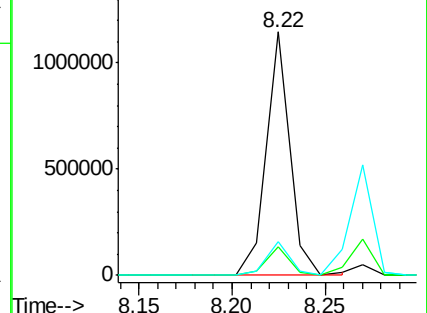
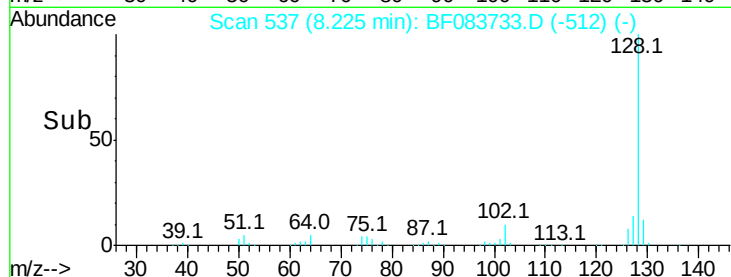
127 14.0 10.6 16.0



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: 40.52 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

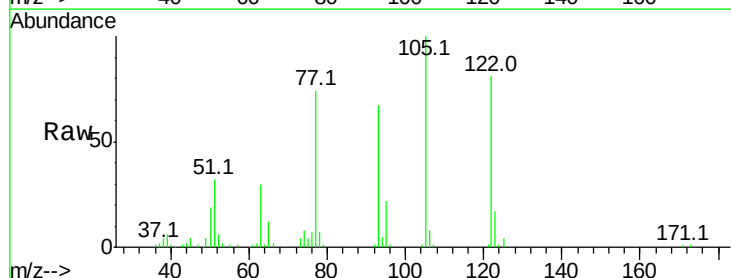
Tgt Ion:122 Resp: 215924

Ion Ratio Lower Upper

122 100

105 124.0 105.6 145.6

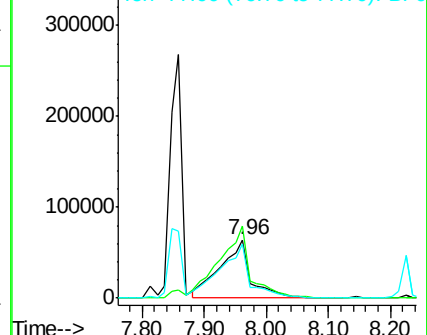
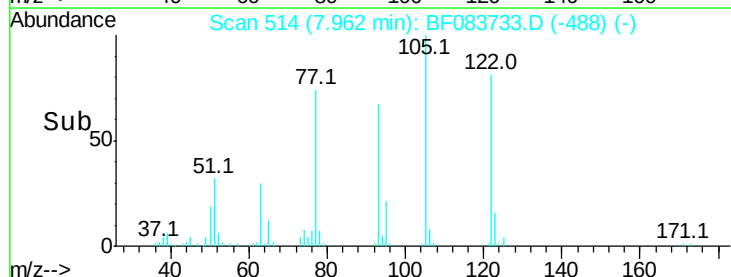
77 91.7 86.8 126.8

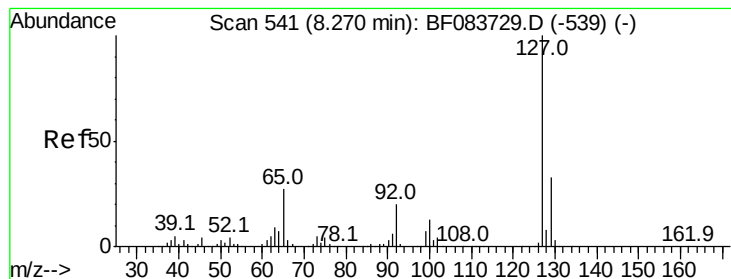


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 43.63 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF083733.D

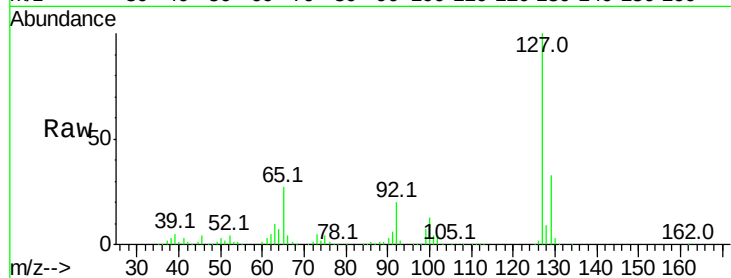
Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	452358
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	27.4	33.5	50.3#
92	19.6	18.6	28.0

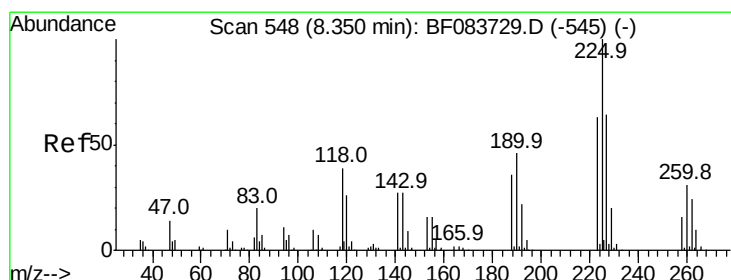
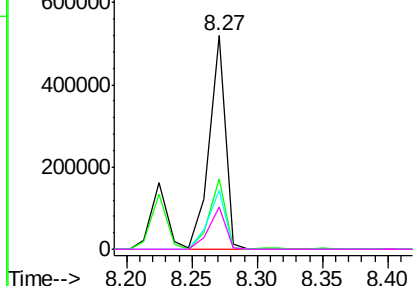
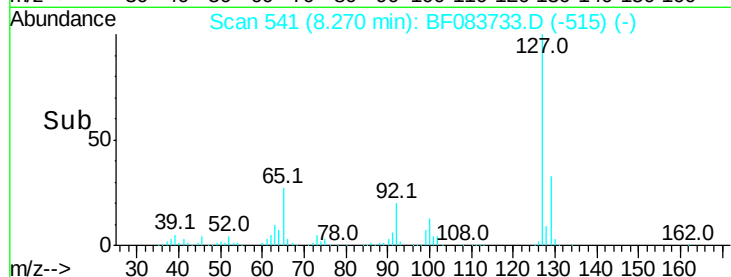


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.56 ng

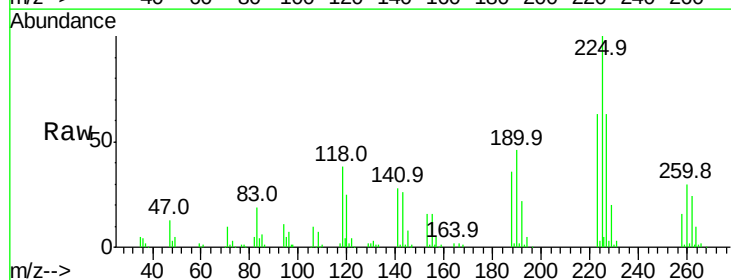
RT: 8.35 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

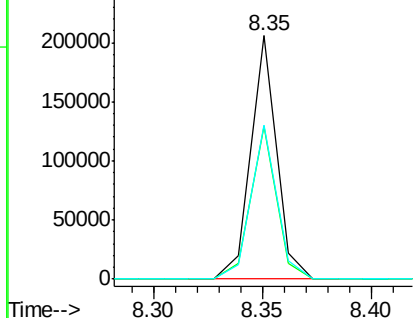
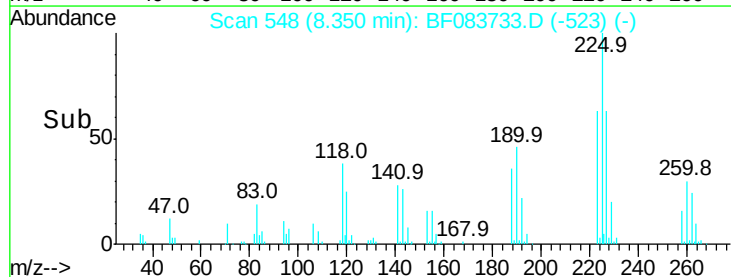
Tgt Ion:	225	Resp:	170010
Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.3	78.5
227	63.2	50.4	75.6

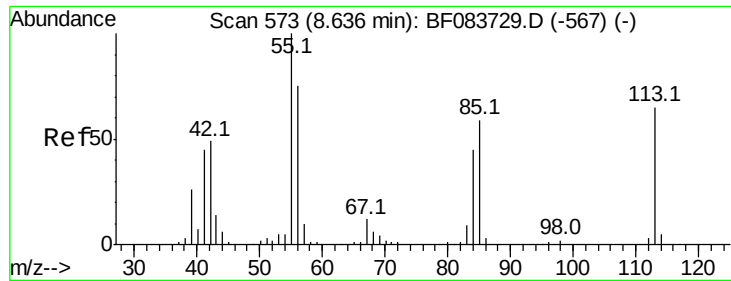


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

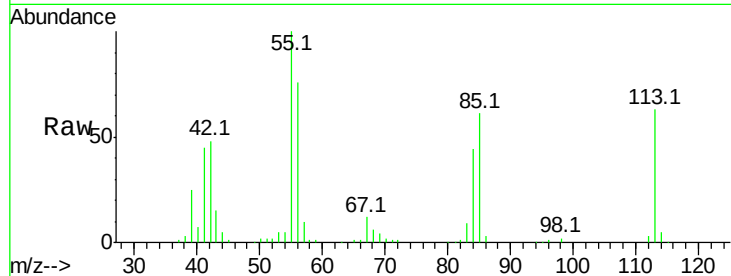




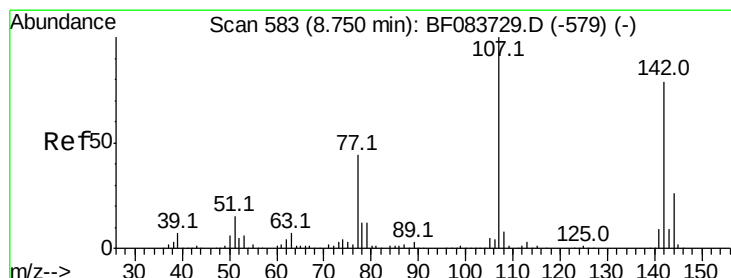
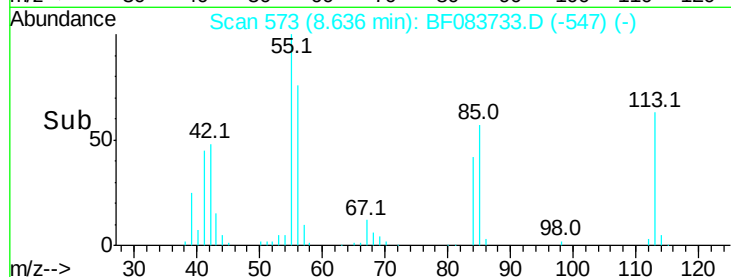
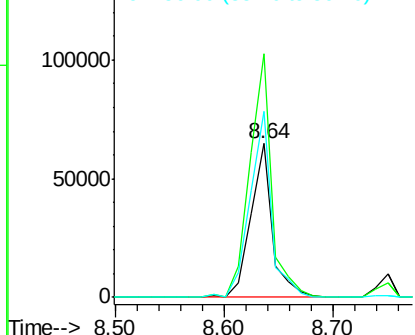
#35
 Caprolactam
 Concen: 39.34 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 88683
 Ion Ratio Lower Upper
 113 100
 55 158.2 189.7 229.7#
 56 120.8 130.7 170.7#

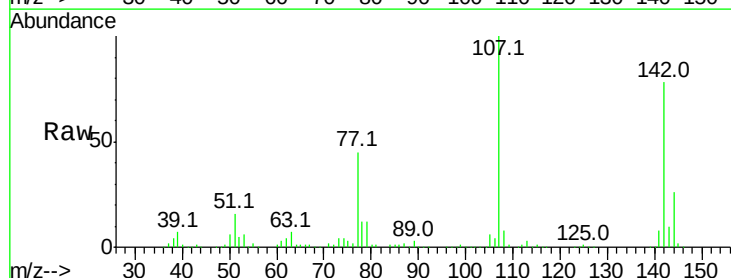


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

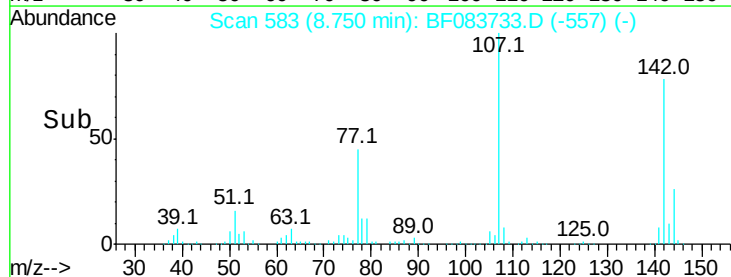
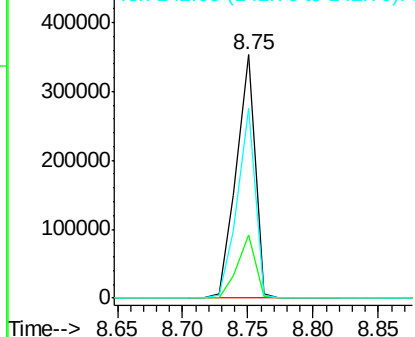


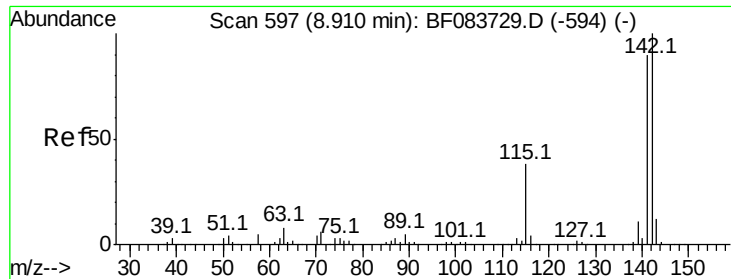
#36
 4-Chloro-3-methylphenol
 Concen: 43.14 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:107 Resp: 354269
 Ion Ratio Lower Upper
 107 100
 144 25.8 17.5 26.3
 142 77.9 53.6 80.4



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

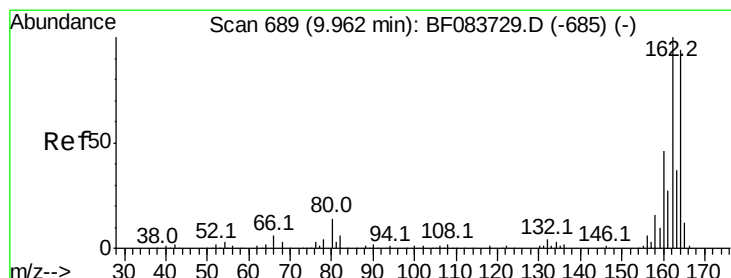
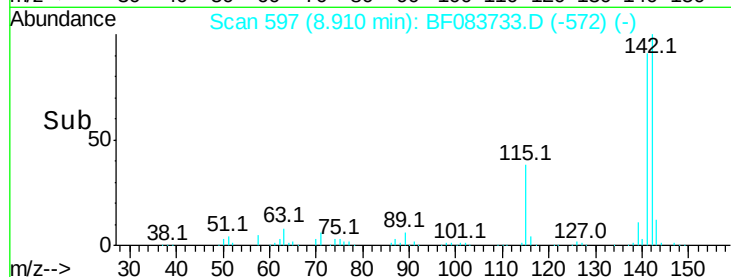
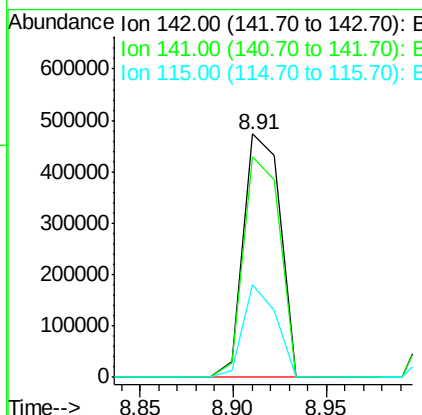
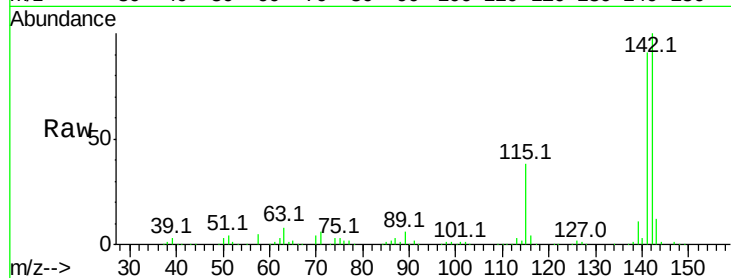




#37
 2-Methylnaphthalene
 Concen: 40.40 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

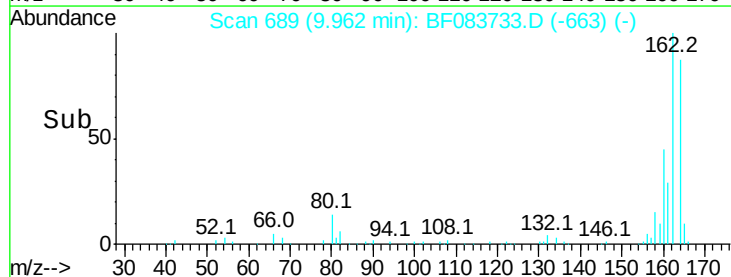
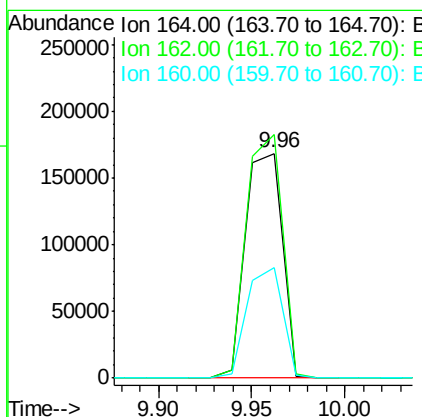
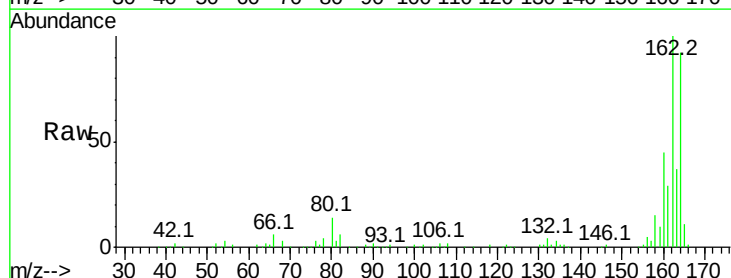
Instrument :
 BNA_F
 ClientSampleId :

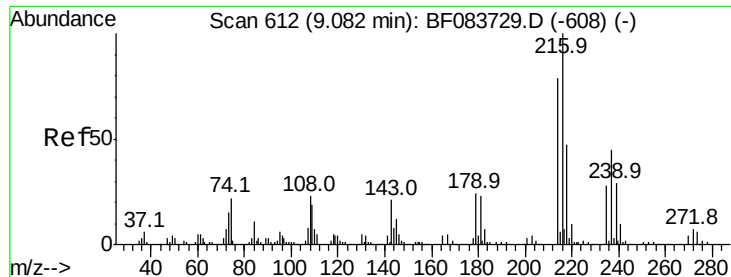
Tot Ion:142 Resp: 643778
 Ion Ratio Lower Upper
 142 100
 141 90.7 70.3 105.5
 115 38.0 29.2 43.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:164 Resp: 231063
 Ion Ratio Lower Upper
 164 100
 162 108.4 78.8 118.2
 160 49.3 33.4 50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.06 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 266262

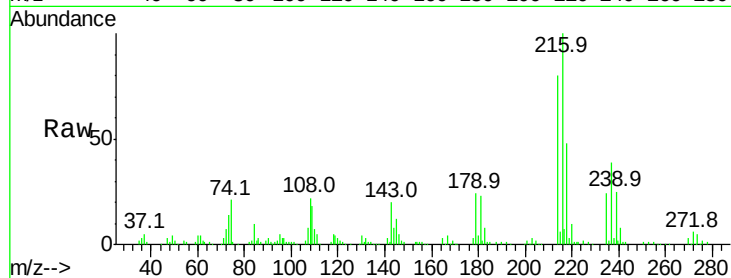
Ion Ratio Lower Upper

216 100

214 79.3 0.0 0.0#

179 23.3 0.0 0.0#

108 23.6 0.0 0.0#

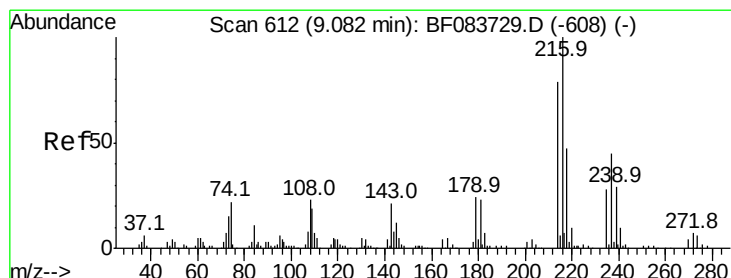
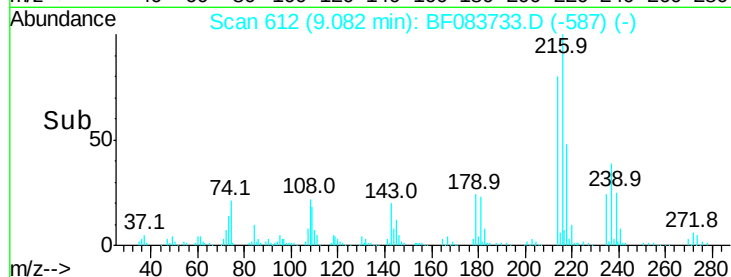
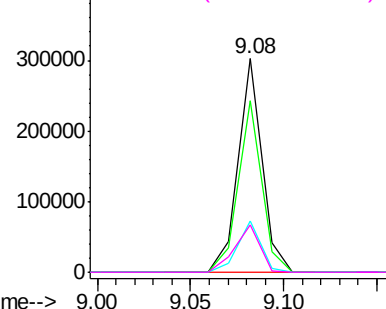


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.29 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

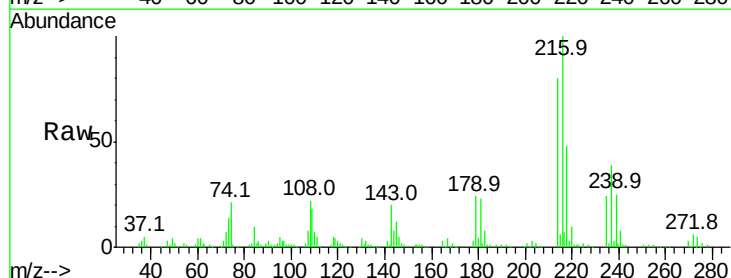
Tgt Ion:237 Resp: 152974

Ion Ratio Lower Upper

237 100

235 60.9 43.9 83.9

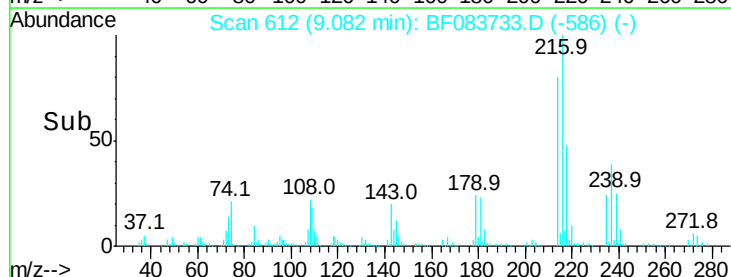
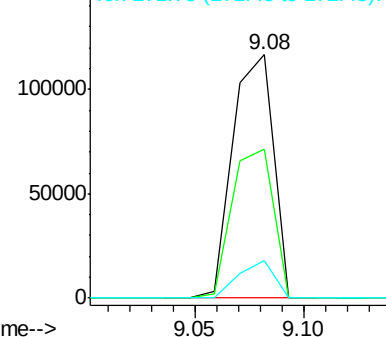
272 15.6 0.0 31.8

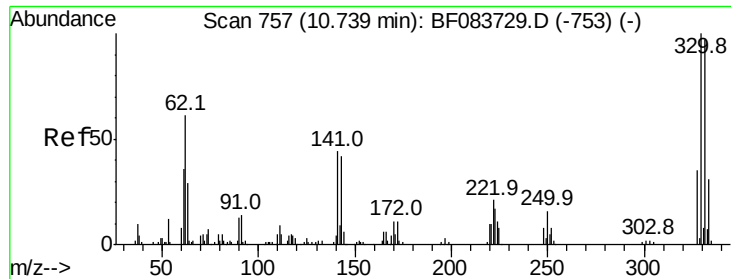


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

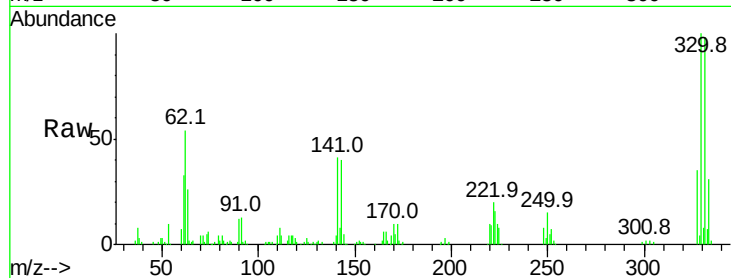




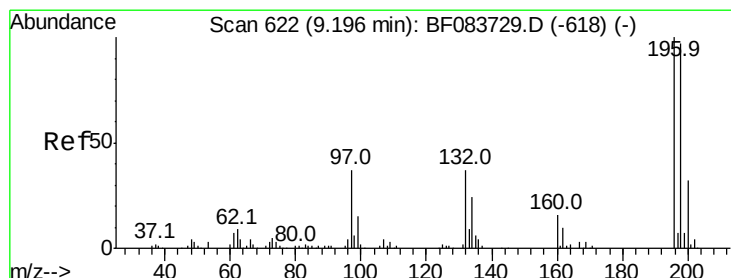
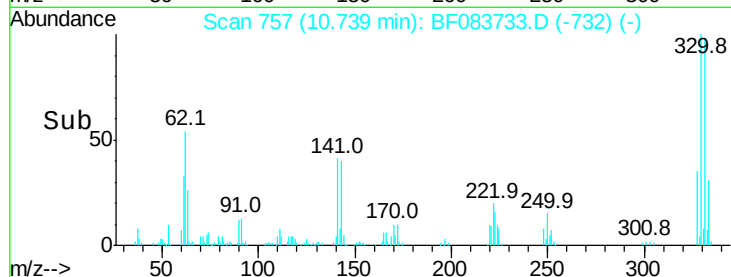
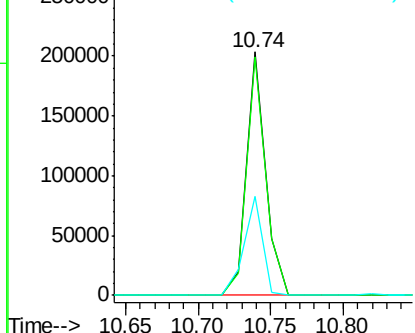
#41
 2,4,6-Tribromophenol
 Concen: 79.07 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	39.7	0.0	0.0#

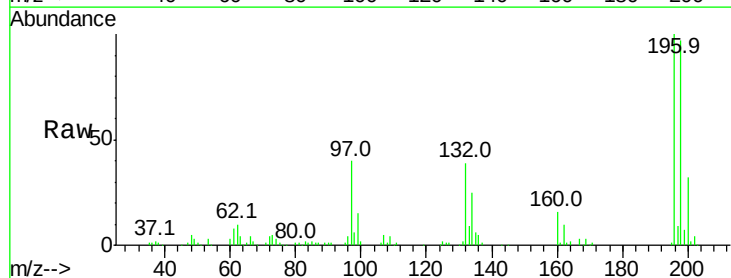


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

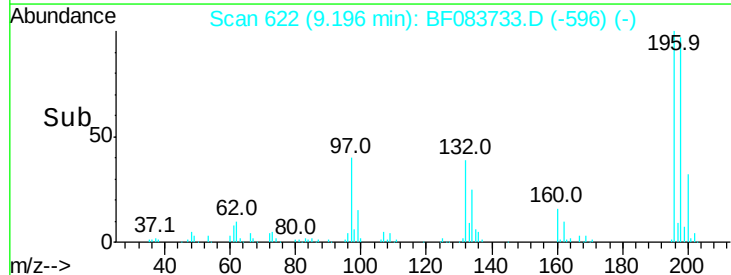
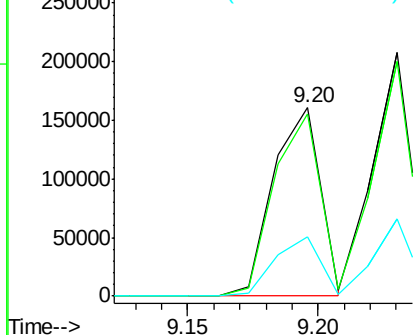


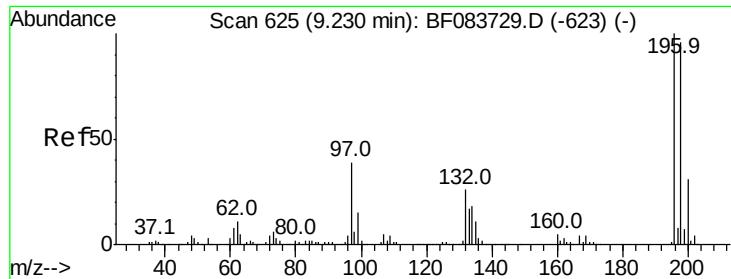
#42
 2,4,6-Trichlorophenol
 Concen: 40.33 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.2	112.8
200	31.9	23.0	34.6



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

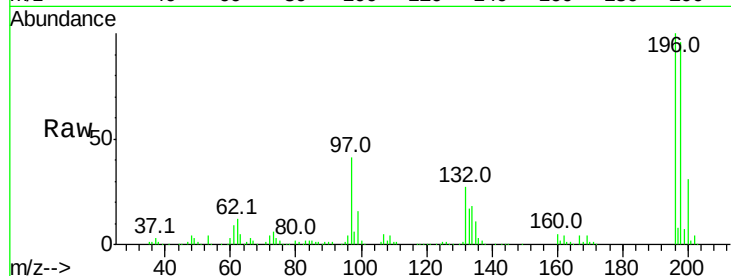




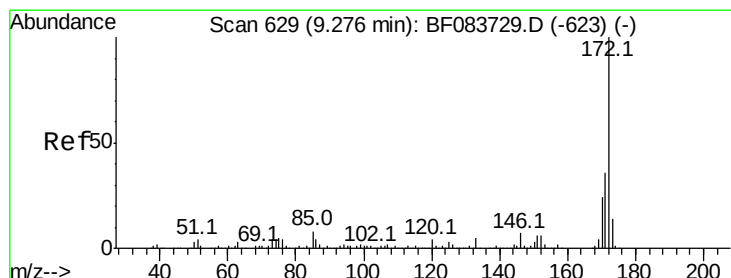
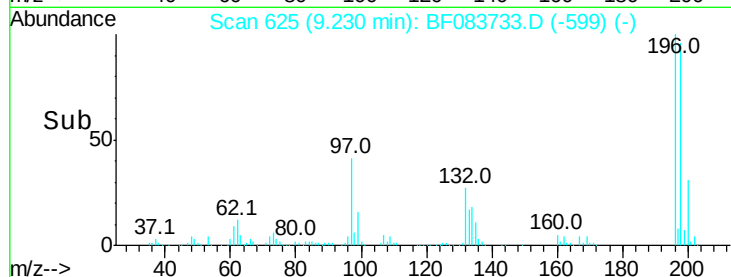
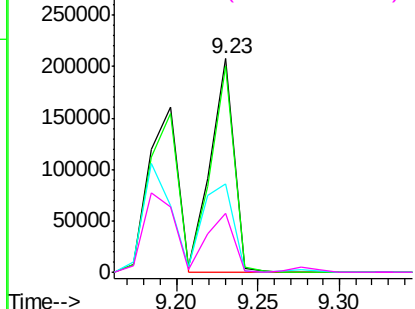
#43
 2,4,5-Trichlorophenol
 Concen: 43.98 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	208159
Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.7	116.5
97	41.3	41.2	61.8
132	27.4	21.8	32.8

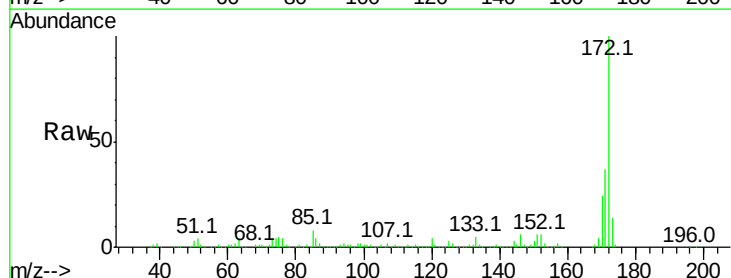


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

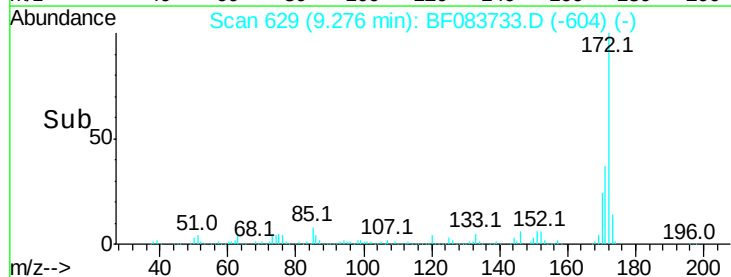
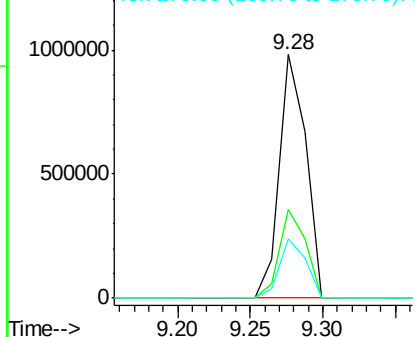


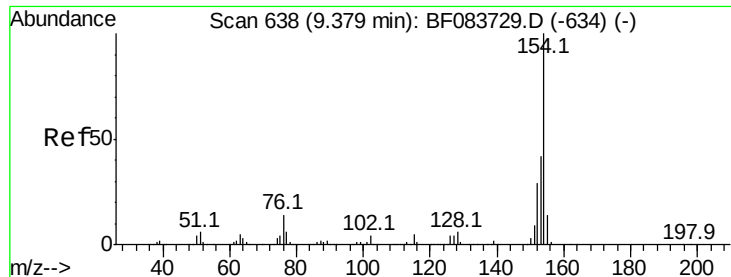
#44
 2-Fluorobiphenyl
 Concen: 76.48 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:	172	Resp:	1243201
Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	24.3	19.4	29.0



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: 39.18 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

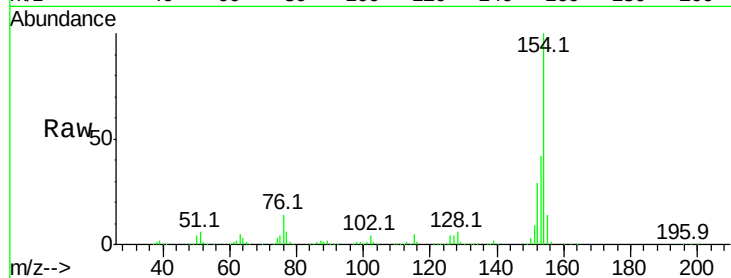
Tot Ion:154 Resp: 802353

Ion Ratio Lower Upper

154 100

153 42.0 20.2 60.2

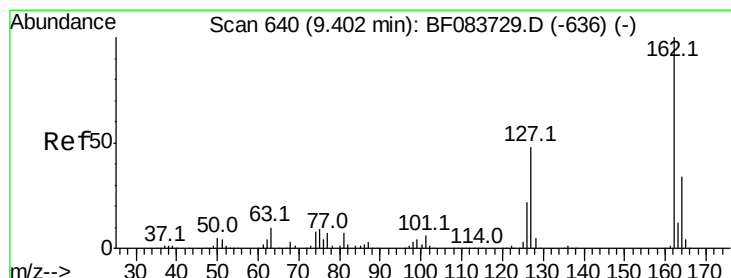
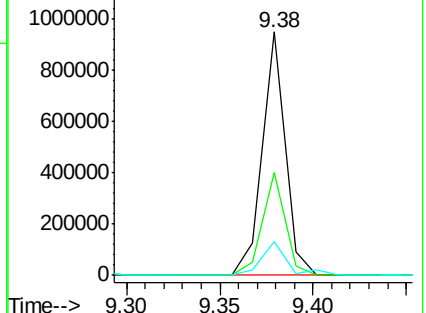
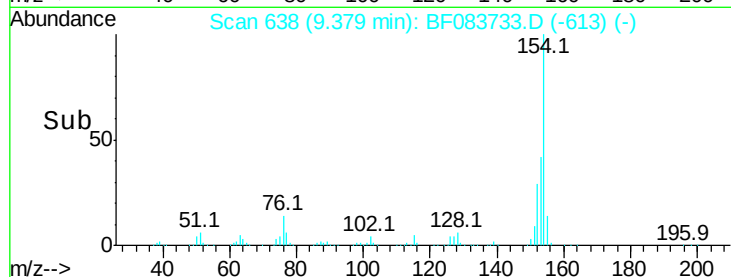
76 13.7 0.0 34.8



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: 39.76 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

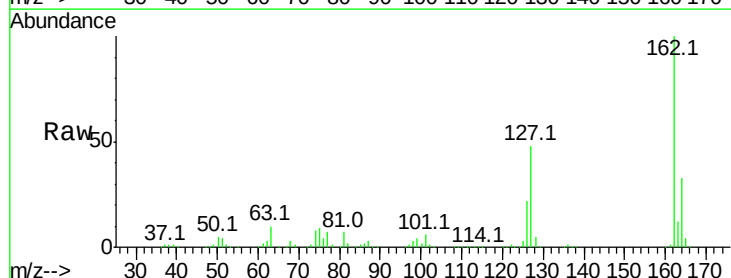
Tgt Ion:162 Resp: 601045

Ion Ratio Lower Upper

162 100

127 48.1 31.0 46.4#

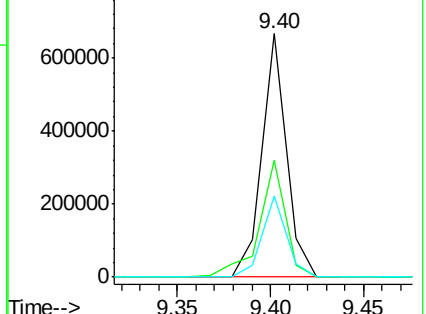
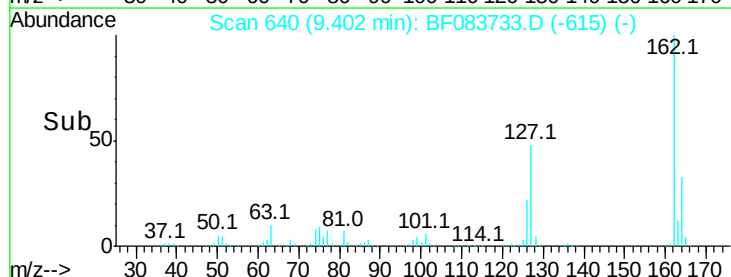
164 33.2 27.4 41.0

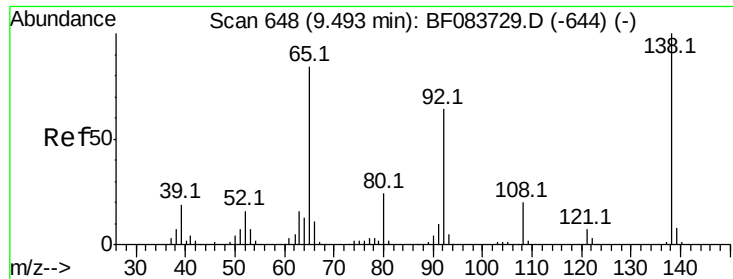


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

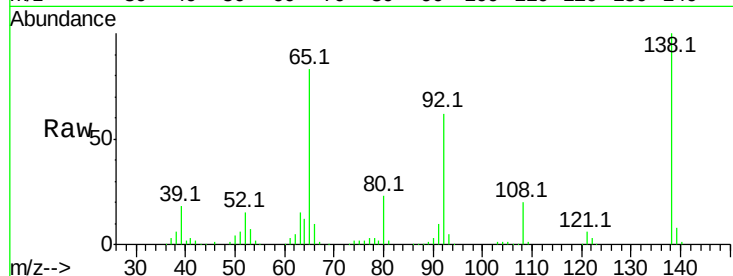




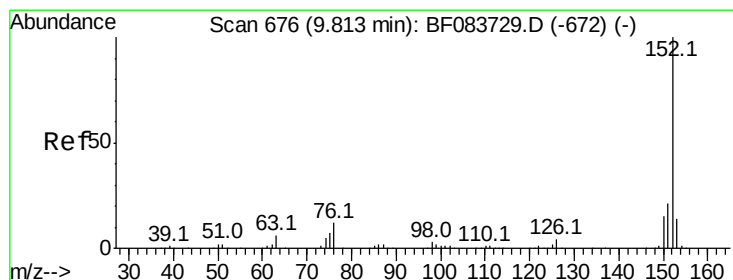
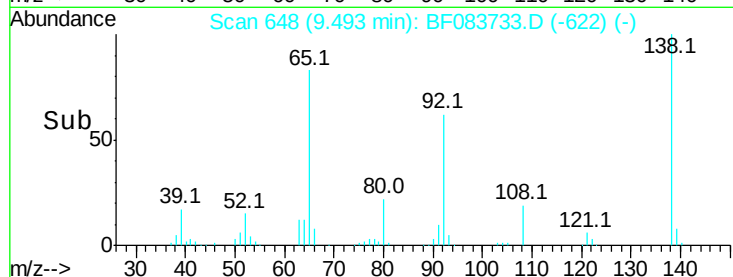
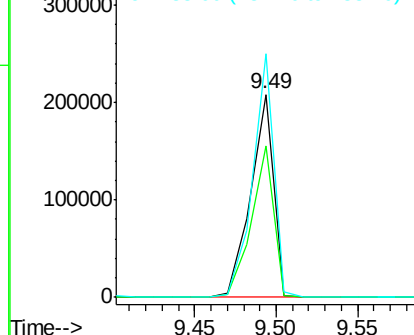
#47
2-Nitroaniline
Concen: 47.37 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 203092
Ion Ratio Lower Upper
65 100
92 74.6 49.6 74.4#
138 119.8 64.1 96.1#

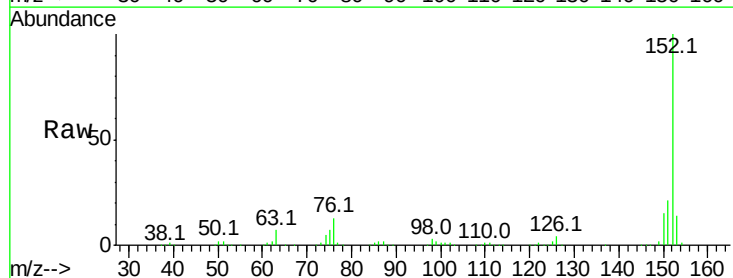


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

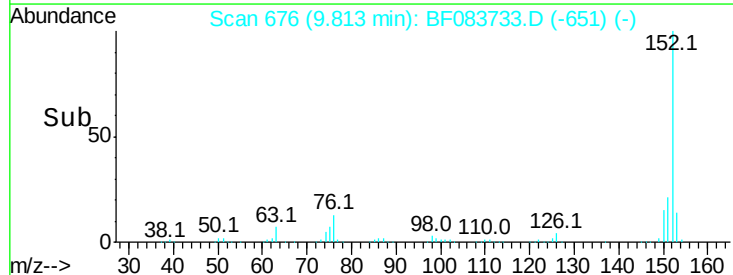
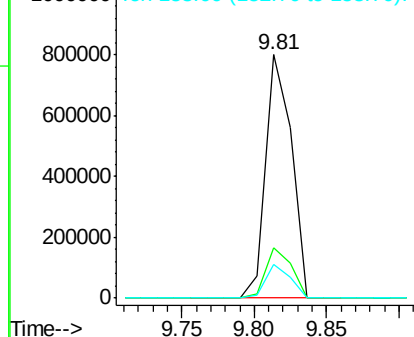


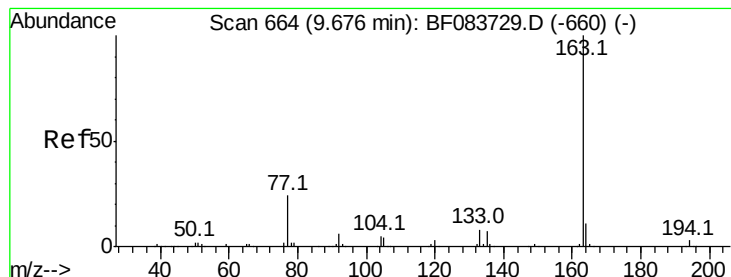
#48
Acenaphthylene
Concen: 38.85 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion: 152 Resp: 988041
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.80 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

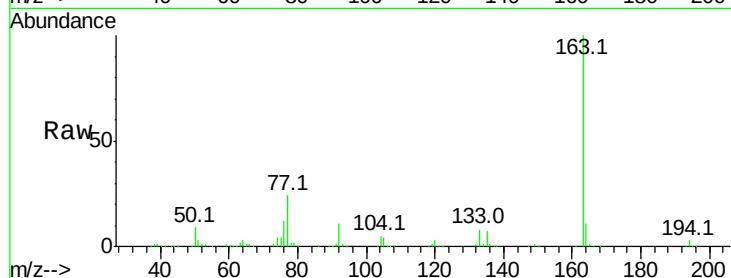
Tot Ion:163 Resp: 698990

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

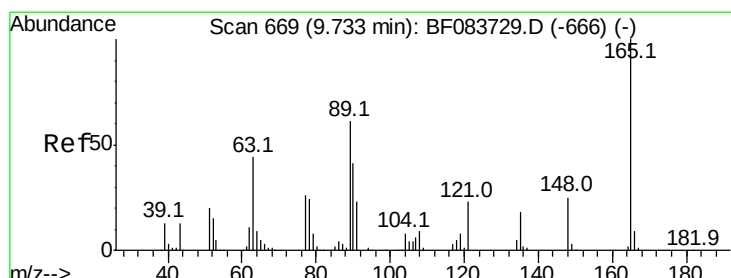
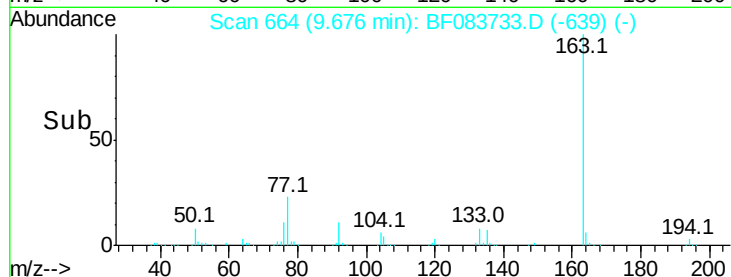
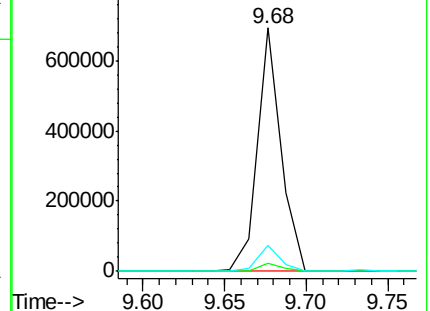
164 10.8 8.6 13.0



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: 40.59 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

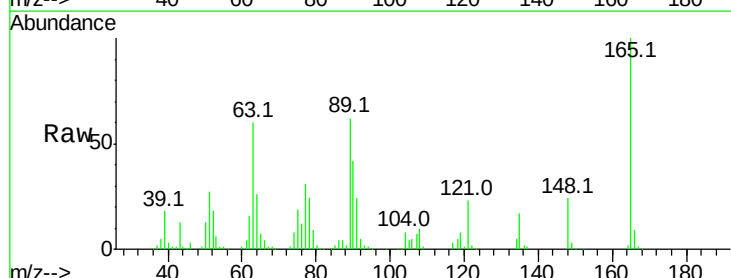
Tgt Ion:165 Resp: 155204

Ion Ratio Lower Upper

165 100

63 60.0 56.9 85.3

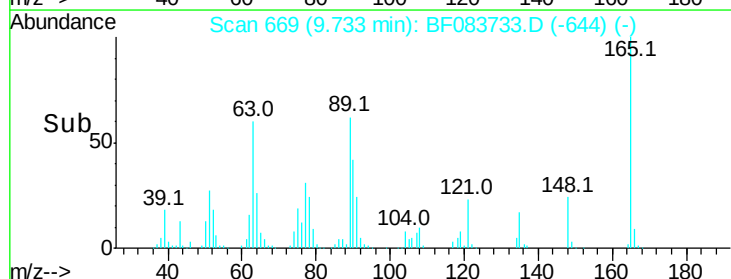
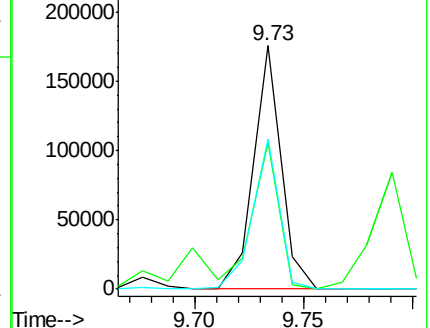
89 61.6 52.1 78.1

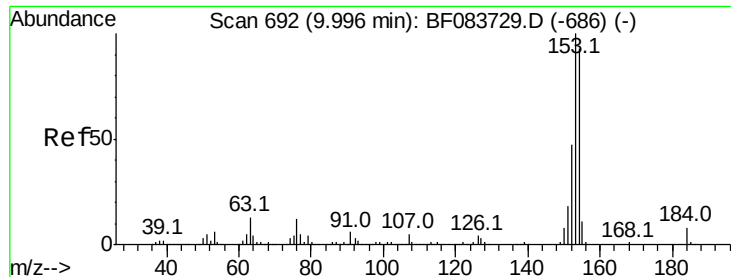


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.04 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

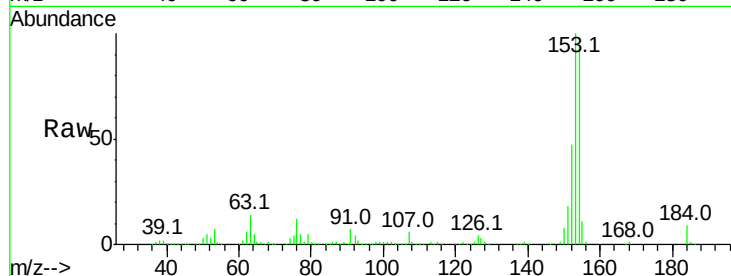
Tot Ion:154 Resp: 615614

Ion Ratio Lower Upper

154 100

153 106.2 91.4 137.0

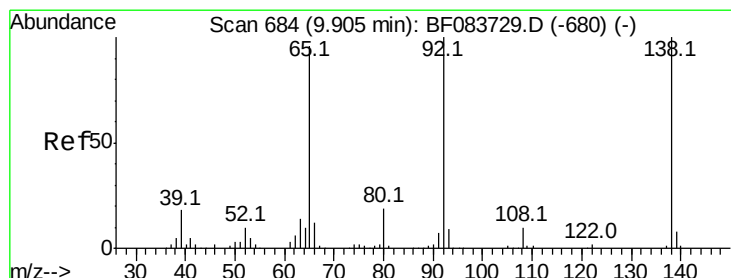
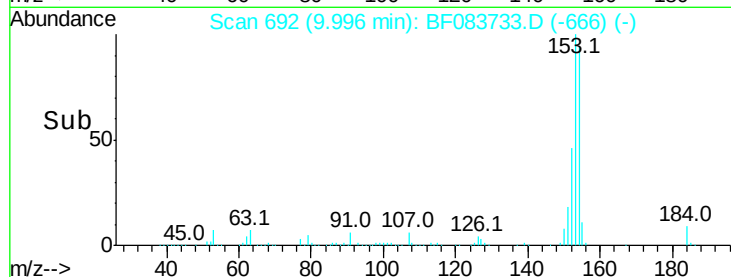
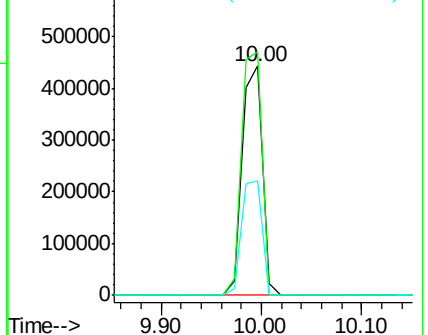
152 50.2 43.4 65.2



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: 45.06 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

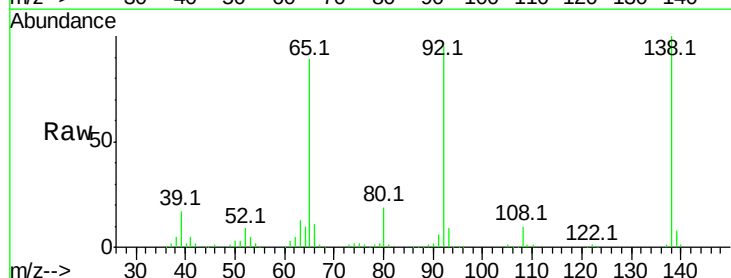
Tgt Ion:138 Resp: 198631

Ion Ratio Lower Upper

138 100

108 10.4 9.9 14.9

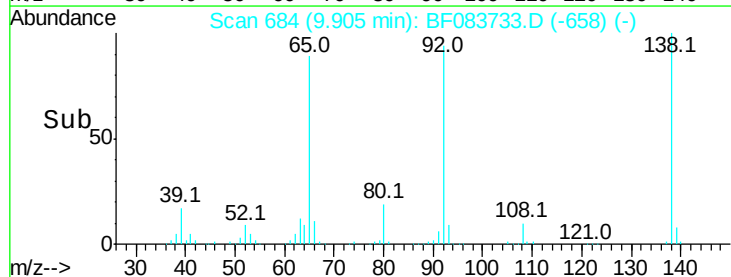
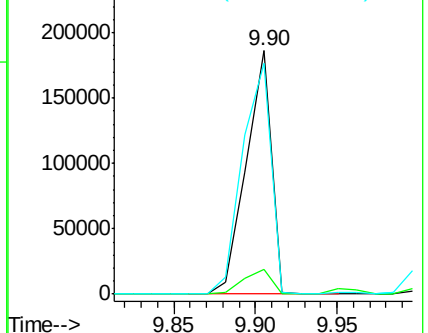
92 95.0 113.8 170.8#

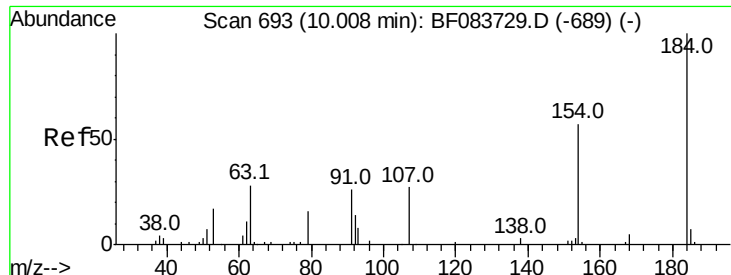


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

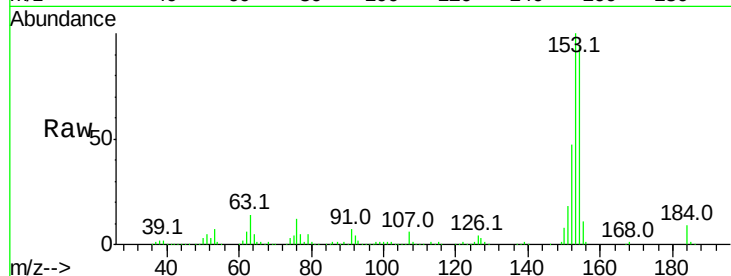




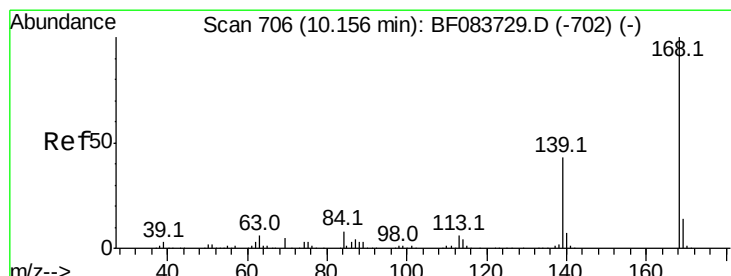
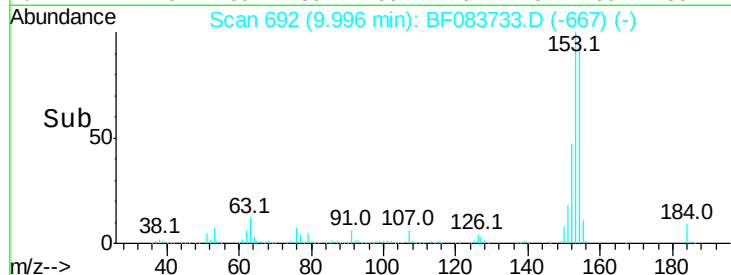
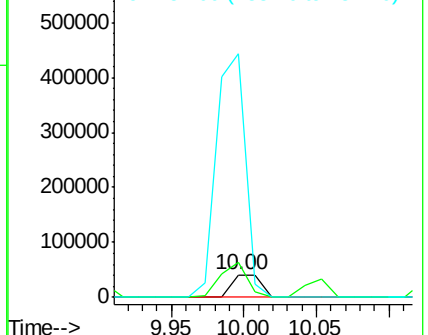
#53
 2,4-Dinitrophenol
 Concen: 38.45 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 57440
 Ion Ratio Lower Upper
 184 100
 63 157.5 62.4 93.6#
 154 1087.7 46.6 69.8#

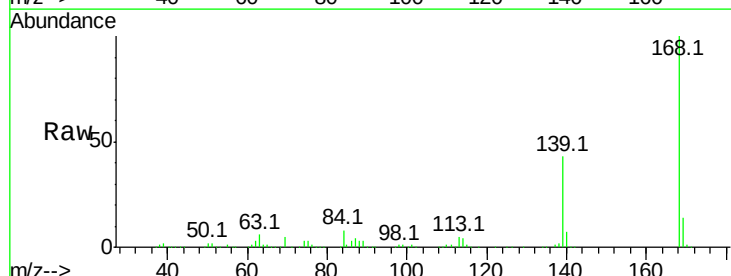


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

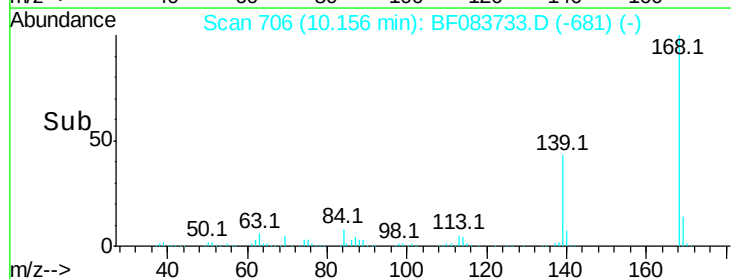
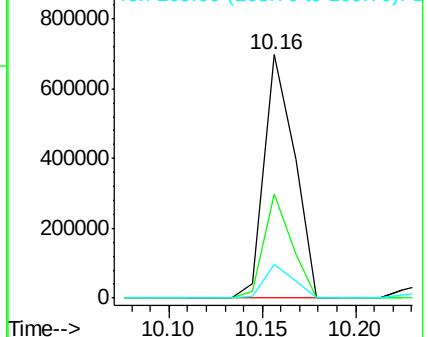


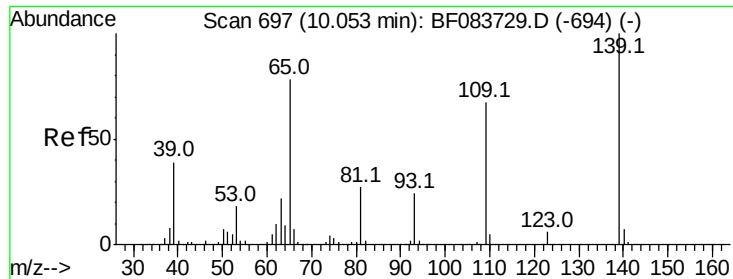
#54
 Dibenzofuran
 Concen: 38.30 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:168 Resp: 780141
 Ion Ratio Lower Upper
 168 100
 139 42.7 28.0 42.0#
 169 14.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

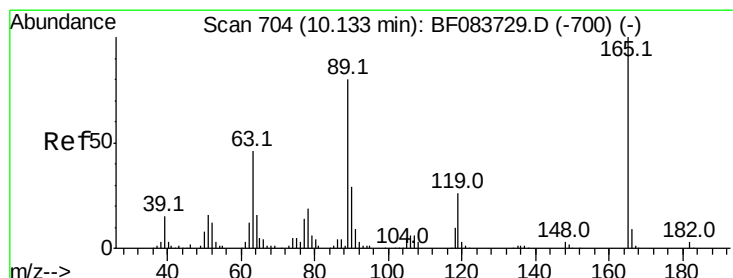
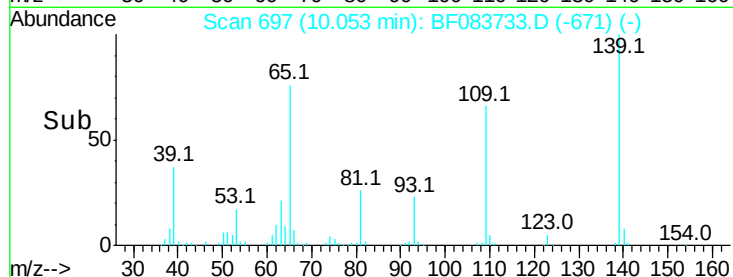
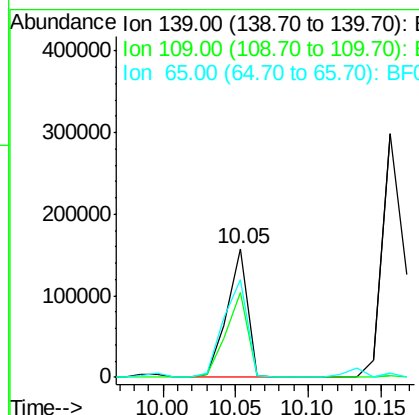
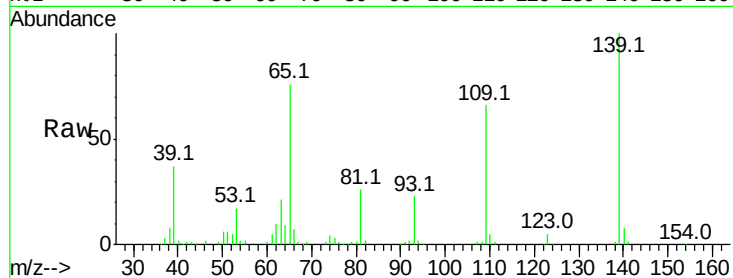




#55
 4-Nitrophenol
 Concen: 48.71 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

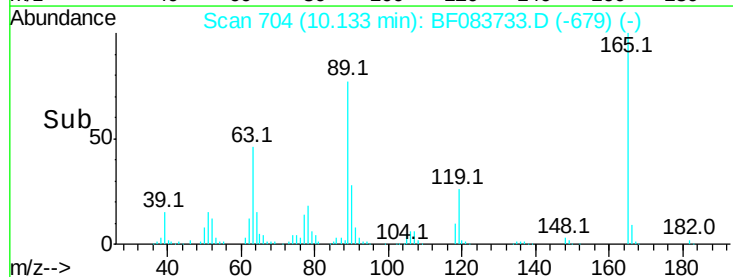
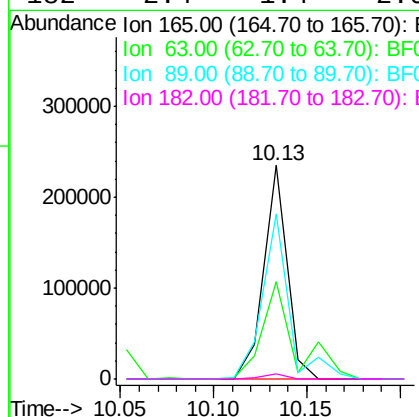
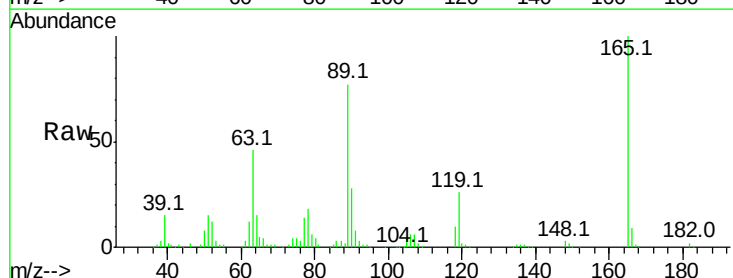
Instrument :
 BNA_F
 ClientSampleId :

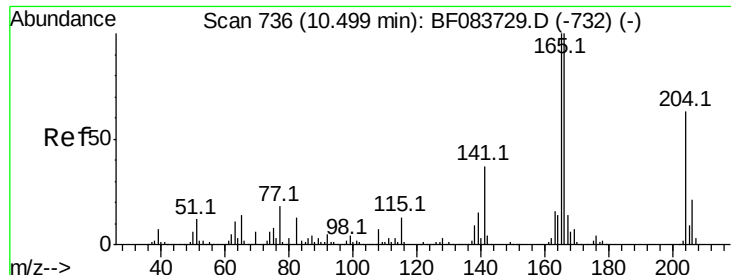
Tot Ion:139 Resp: 158978
 Ion Ratio Lower Upper
 139 100
 109 66.2 42.0 82.0
 65 75.5 89.2 129.2#



#56
 2,4-Dinitrotoluene
 Concen: 40.66 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:165 Resp: 203051
 Ion Ratio Lower Upper
 165 100
 63 45.7 51.4 77.2#
 89 77.5 72.6 108.8
 182 2.4 1.4 2.0#

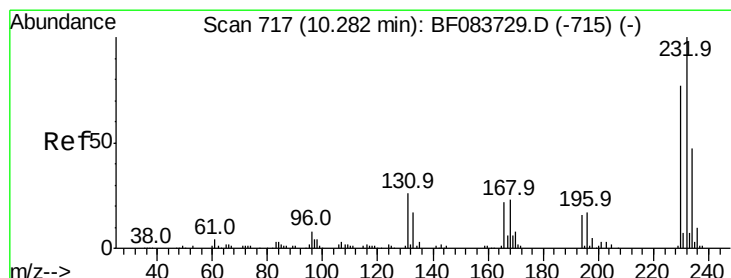
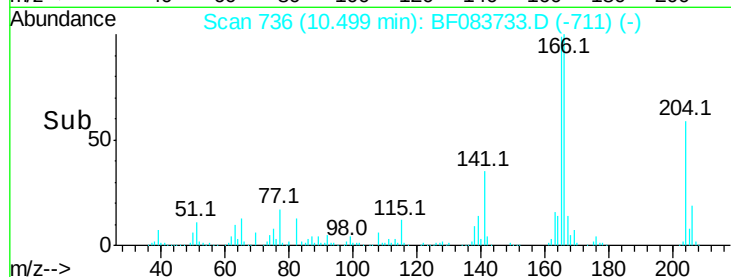
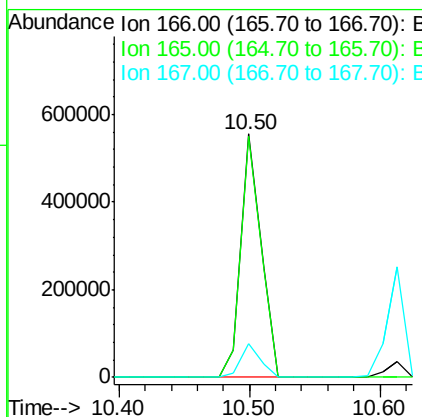
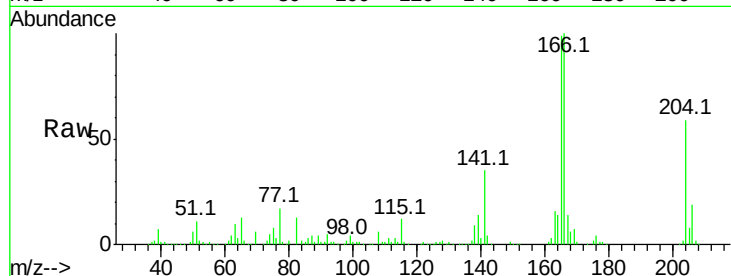




#57
Fluorene
 Concen: 37.24 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

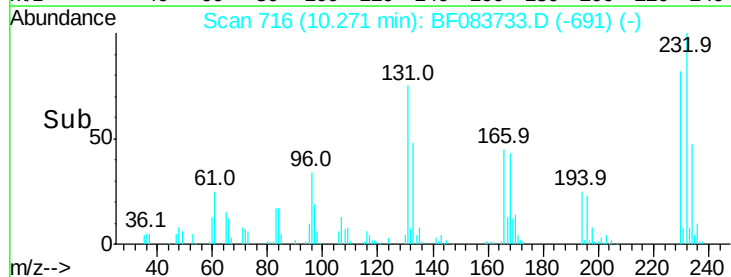
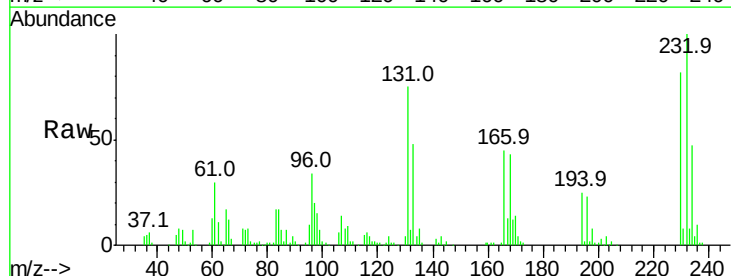
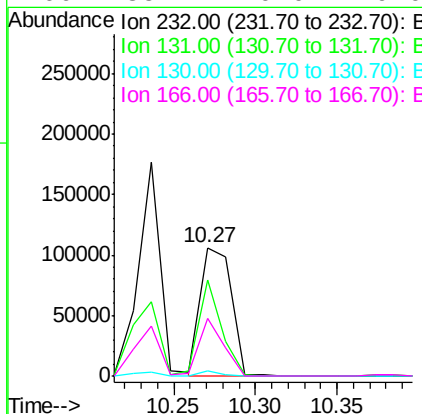
Instrument :
 BNA_F
 ClientSampleId :

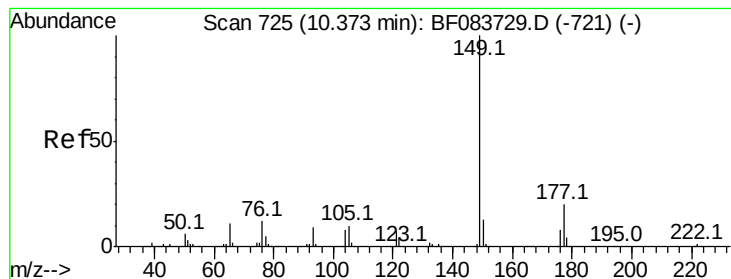
Tot Ion:166 Resp: 597452
 Ion Ratio Lower Upper
 166 100
 165 99.1 80.0 120.0
 167 13.9 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.12 ng
 RT: 10.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:232 Resp: 142441
 Ion Ratio Lower Upper
 232 100
 131 54.7 0.0 0.0#
 130 2.7 0.0 0.0#
 166 35.4 0.0 0.0#





#59

Diethylphthalate

Concen: 40.47 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

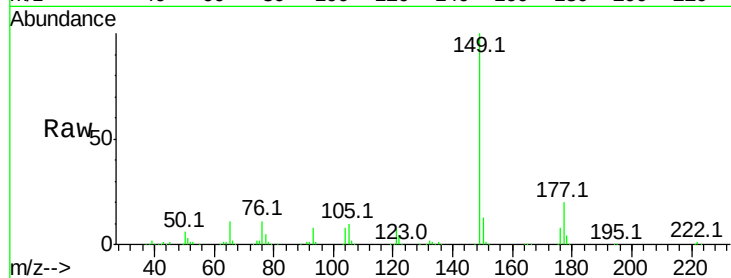
Tot Ion:149 Resp: 738045

Ion Ratio Lower Upper

149 100

177 19.9 16.9 25.3

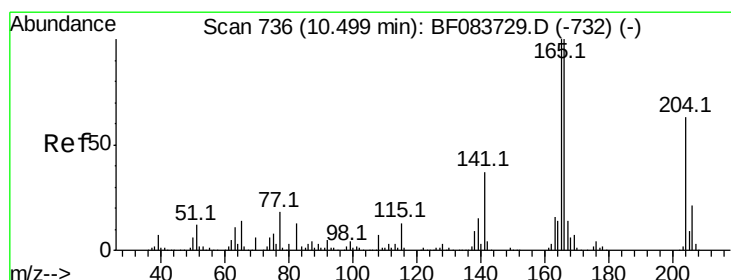
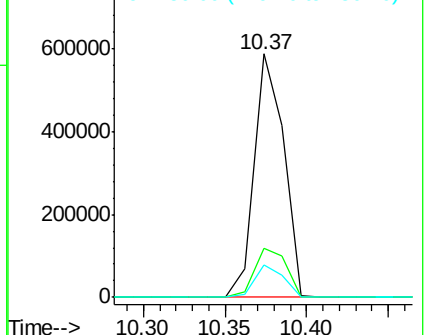
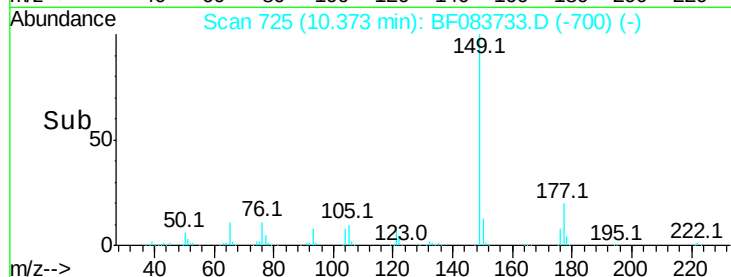
150 13.2 10.2 15.4



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: 42.74 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

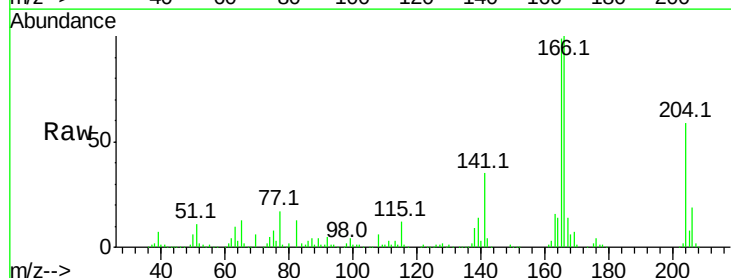
Tgt Ion:204 Resp: 312653

Ion Ratio Lower Upper

204 100

206 33.0 27.3 40.9

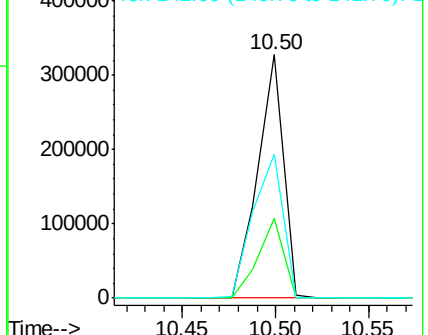
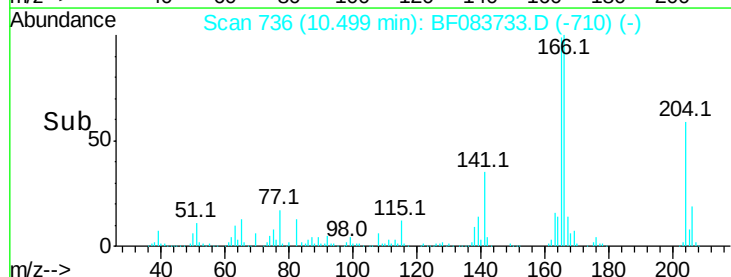
141 59.3 51.9 77.9

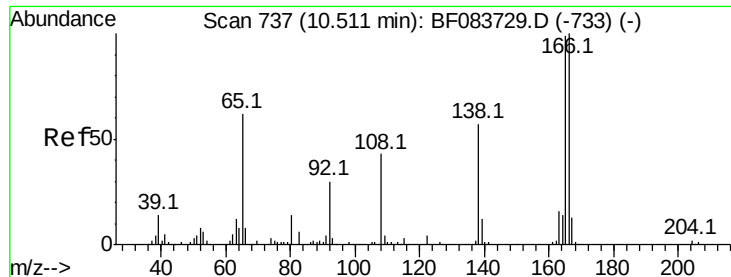


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

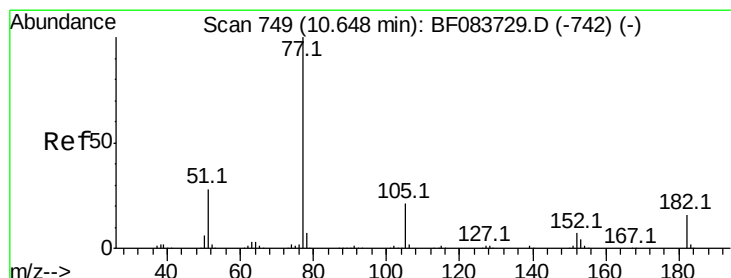
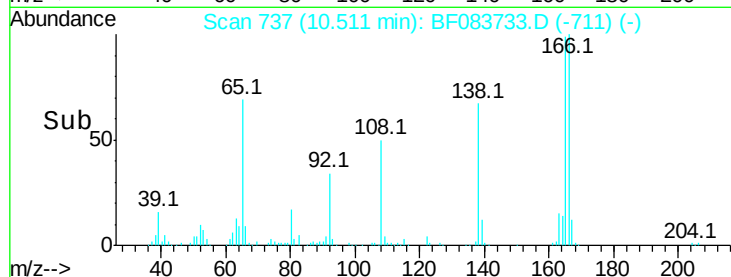
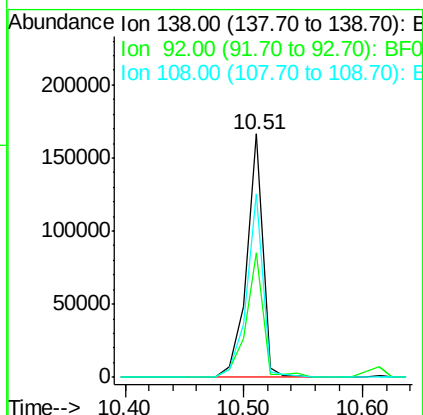
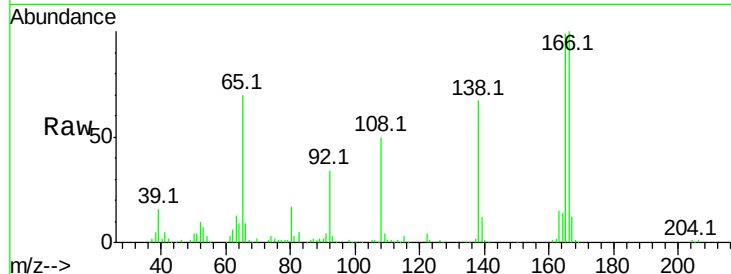




#61
4-Nitroaniline
Concen: 41.04 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

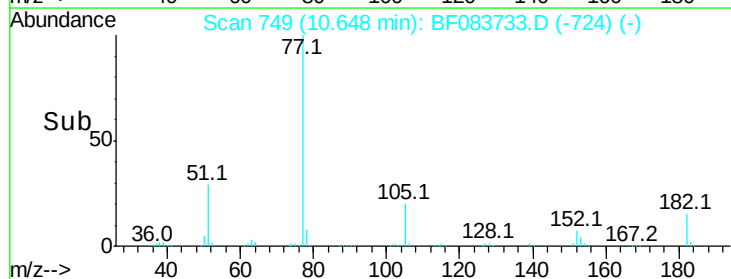
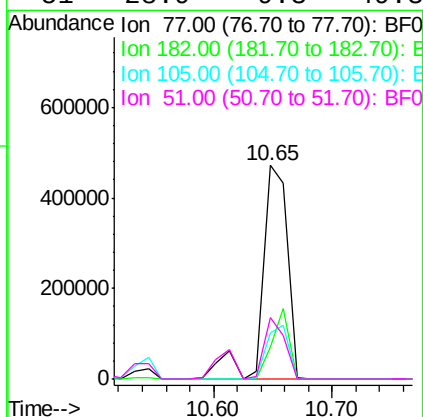
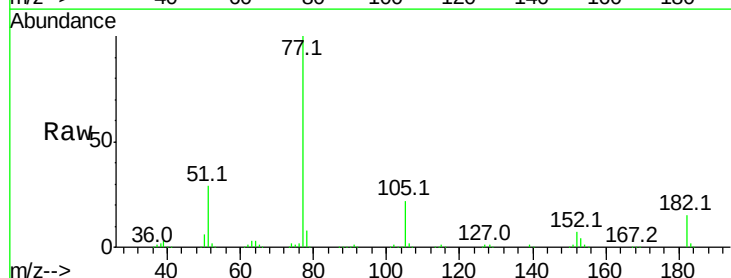
Instrument :
BNA_F
ClientSampled :

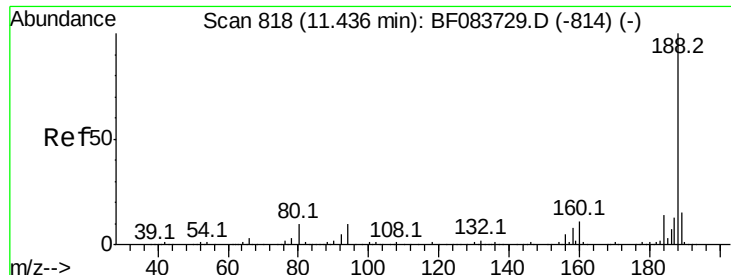
Tot Ion:138 Resp: 159453
Ion Ratio Lower Upper
138 100
92 50.9 29.0 69.0
108 75.1 47.4 87.4



#62
Azobenzene
Concen: 42.20 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion: 77 Resp: 701514
Ion Ratio Lower Upper
77 100
182 15.0 2.5 42.5
105 21.8 2.1 42.1
51 28.9 9.3 49.3

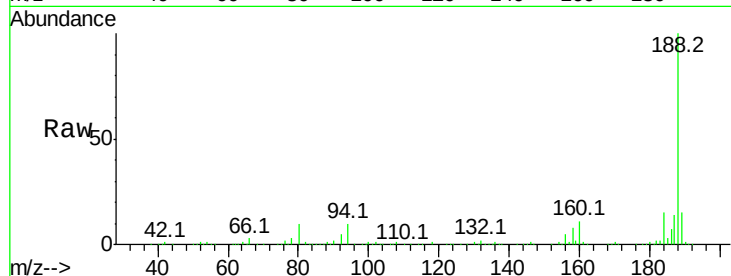




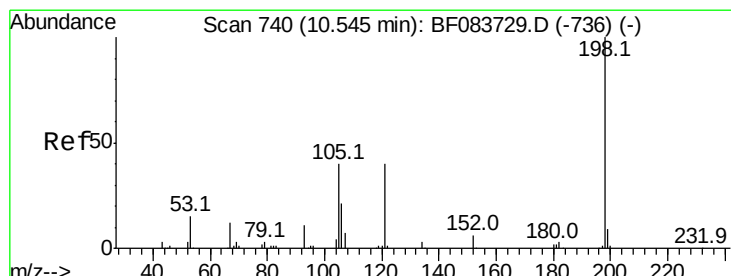
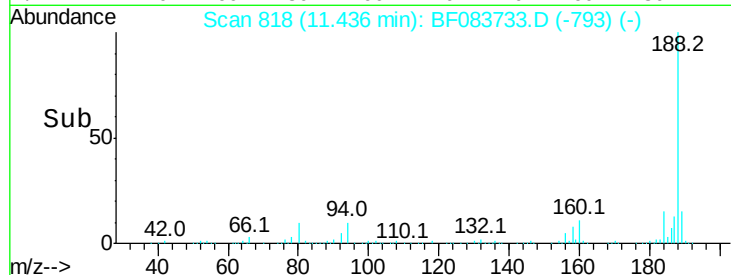
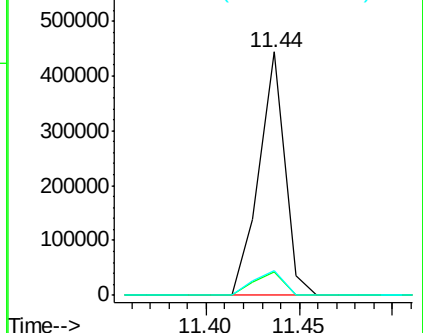
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.3	10.6	16.0#

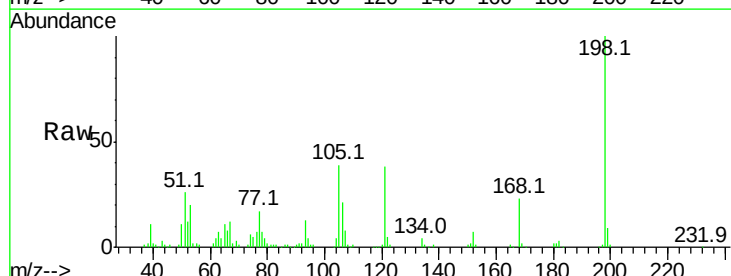


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

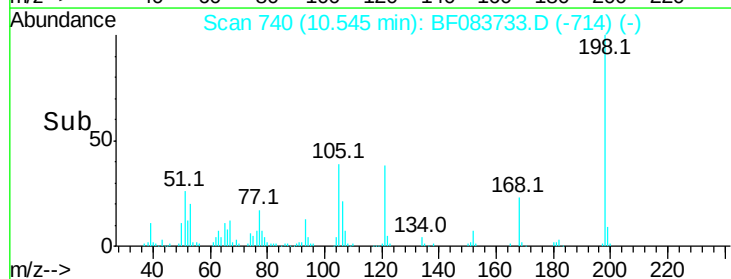
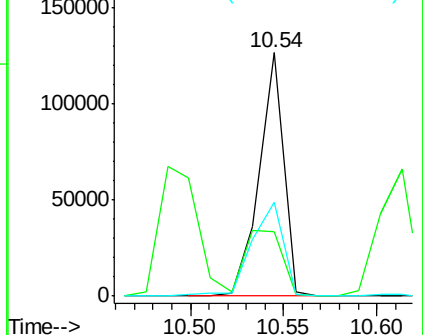


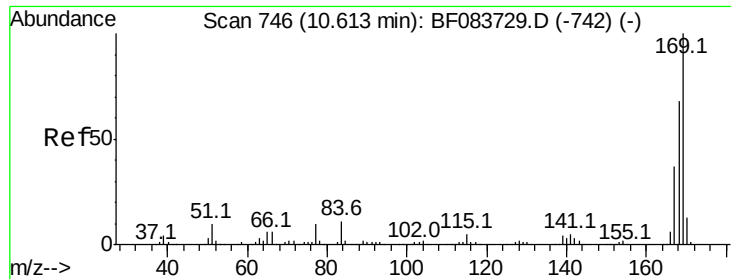
#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.09 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
198	100		
51	26.5	53.8	93.8#
105	38.8	38.6	78.6



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

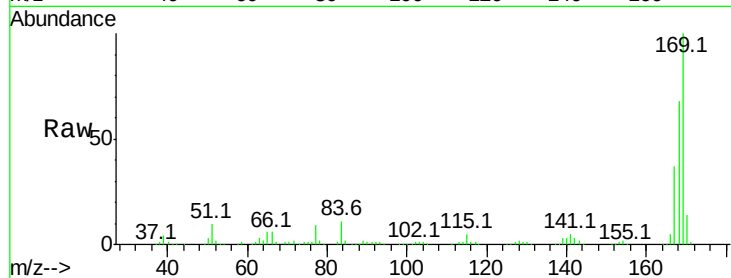




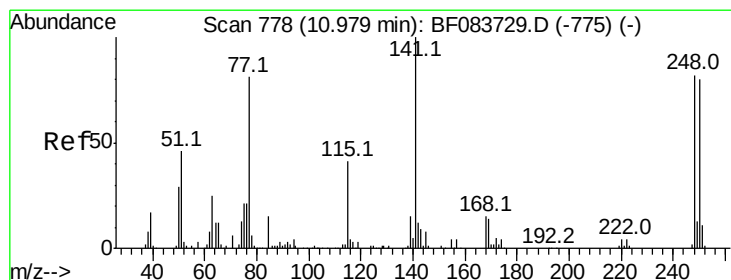
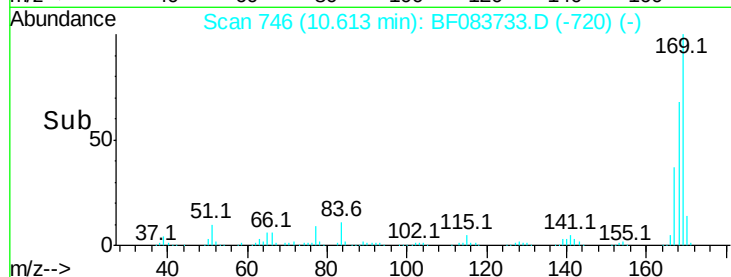
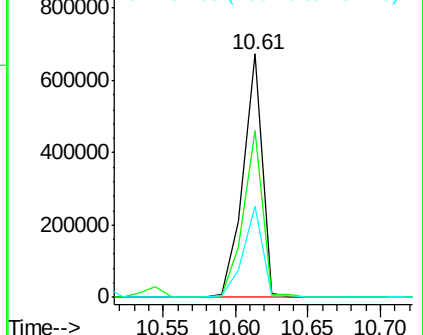
#65
 n-Nitrosodiphenylamine
 Concen: 42.68 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 621254
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.0 79.6
 167 37.4 29.3 43.9

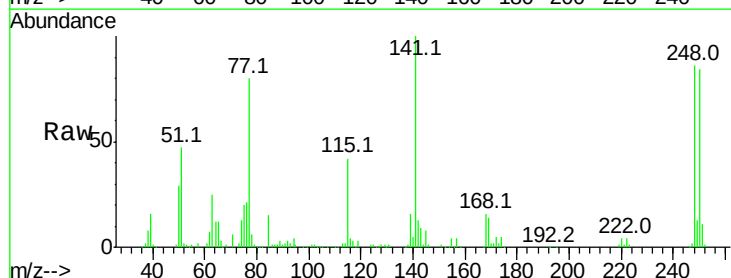


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

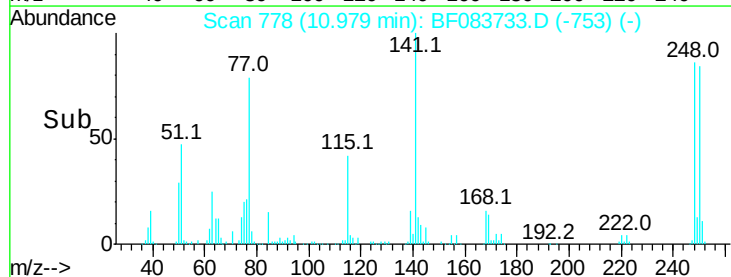
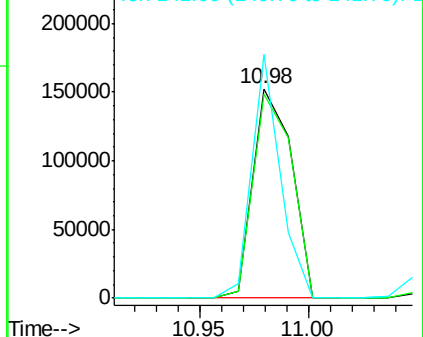


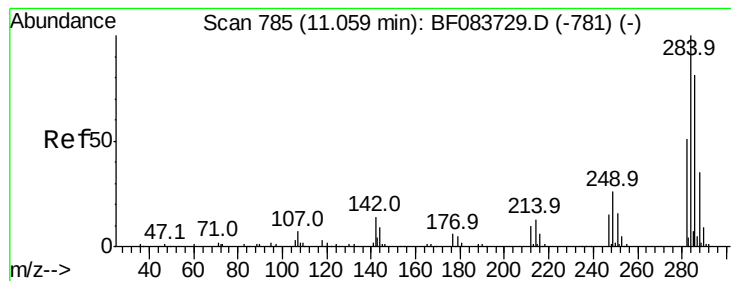
#66
 4-Bromophenyl-phenylether
 Concen: 39.72 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:248 Resp: 189020
 Ion Ratio Lower Upper
 248 100
 250 97.7 79.2 118.8
 141 116.2 58.2 87.4#



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





#67

Hexachlorobenzene

Concen: 38.89 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

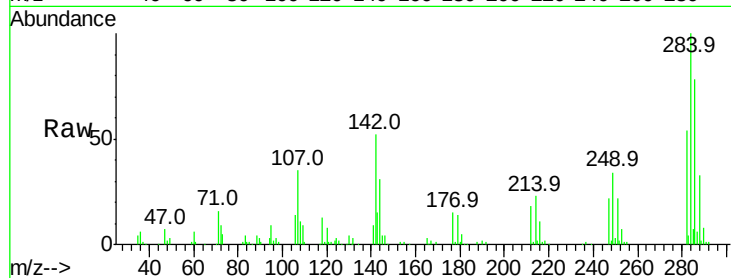
Tot Ion:284 Resp: 200265

Ion Ratio Lower Upper

284 100

142 52.2 31.0 46.4#

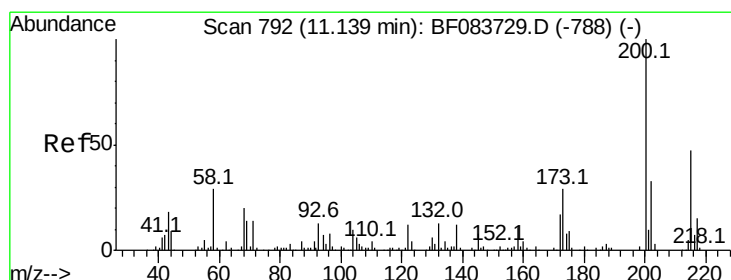
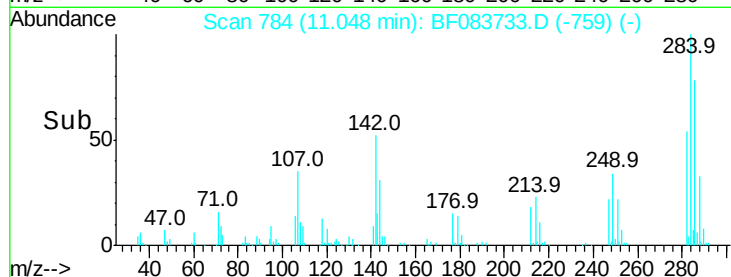
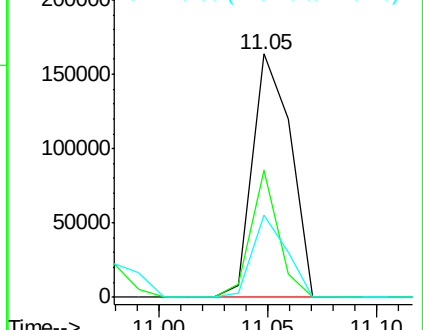
249 33.8 26.9 40.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.34 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

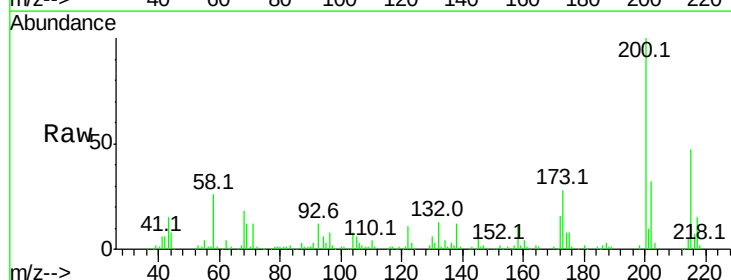
Tgt Ion:200 Resp: 196068

Ion Ratio Lower Upper

200 100

173 27.7 7.8 47.8

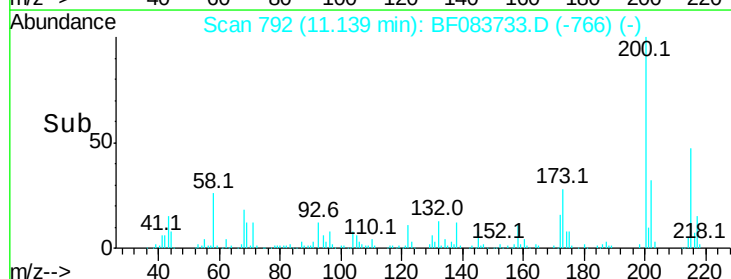
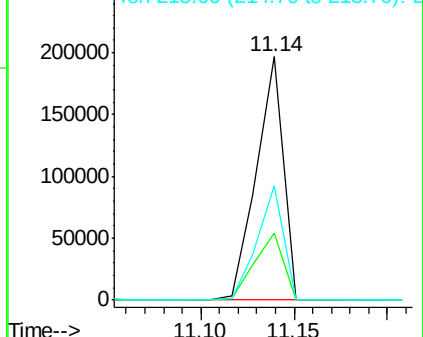
215 46.8 25.7 65.7

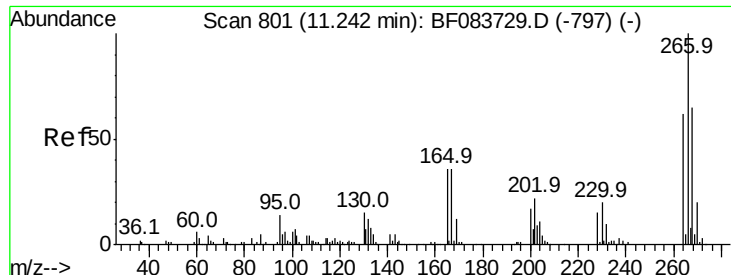


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

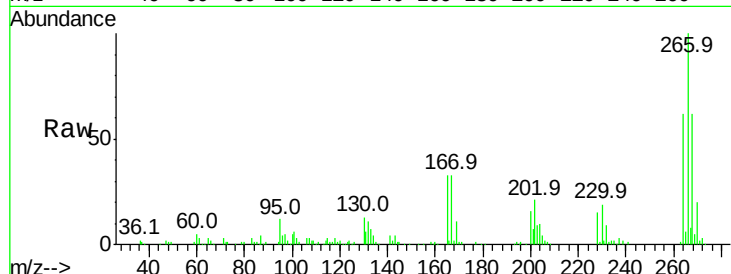




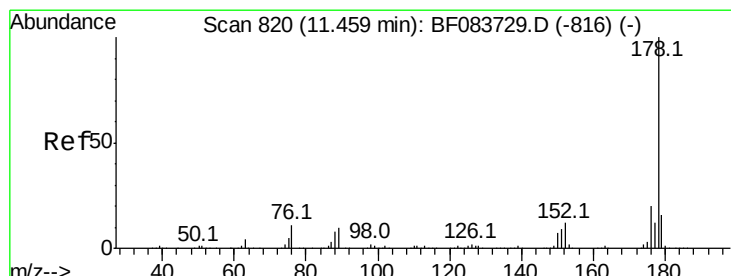
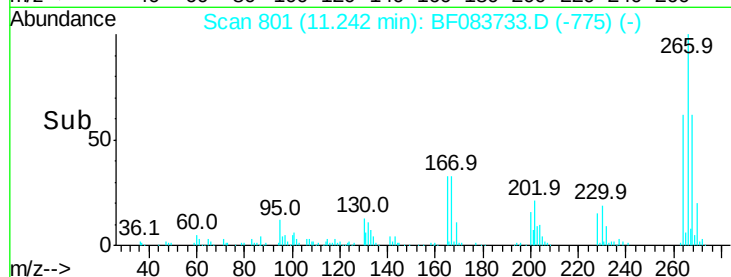
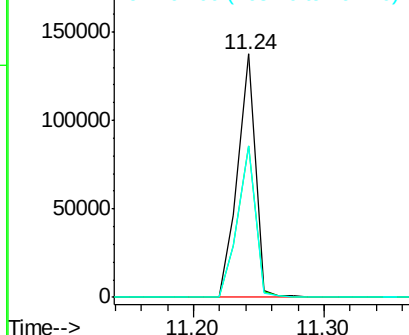
#69
 Pentachlorophenol
 Concen: 44.91 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.2	75.2
264	62.2	51.4	77.2

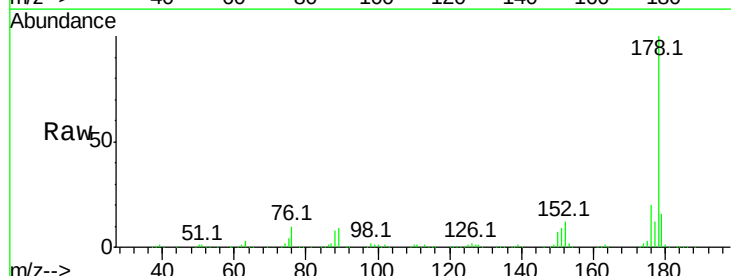


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

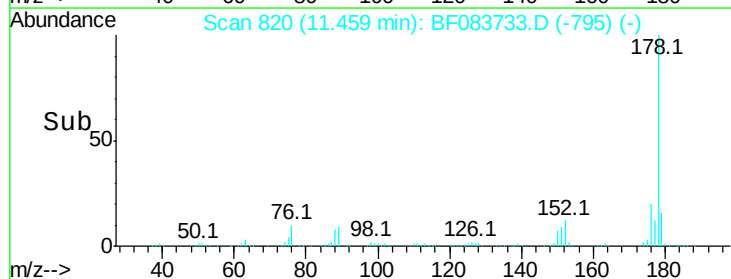
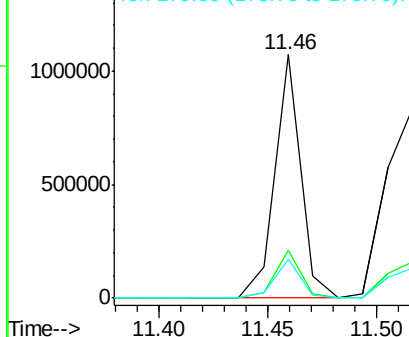


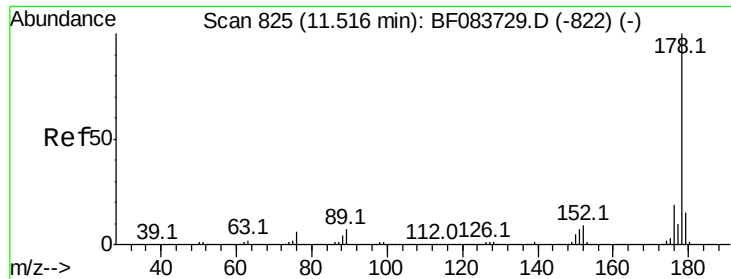
#70
 Phenanthrene
 Concen: 39.80 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.8	12.2	18.4



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

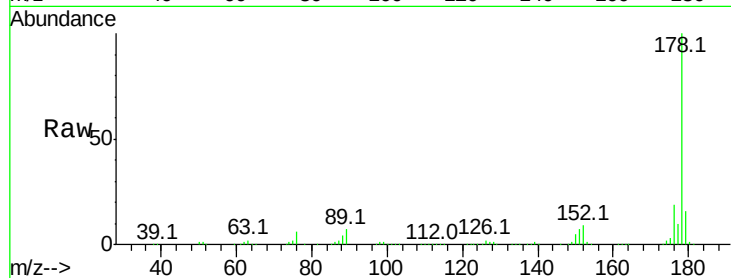




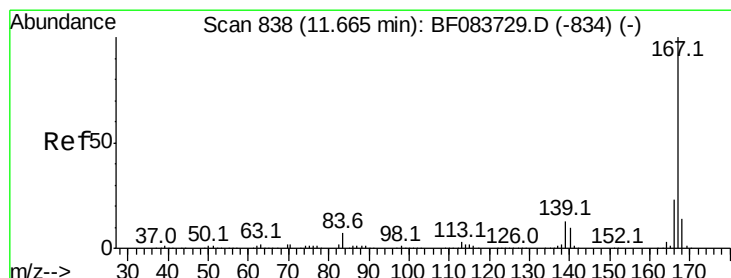
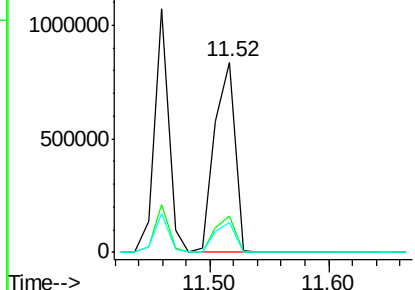
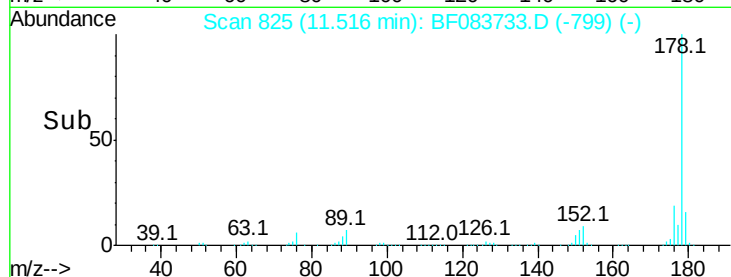
#71
 Anthracene
 Concen: 42.08 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 988108
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.8 12.6 18.8

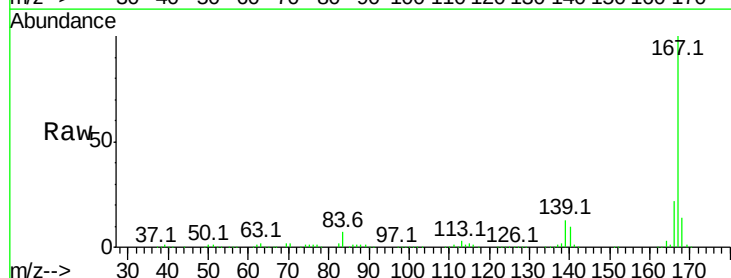


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

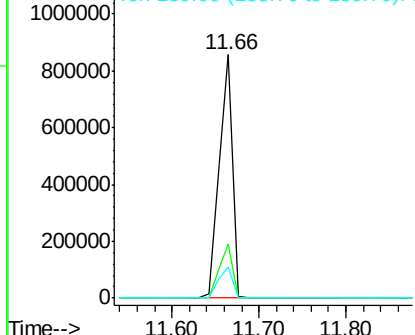
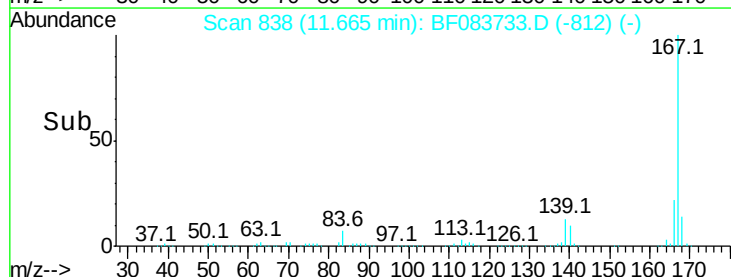


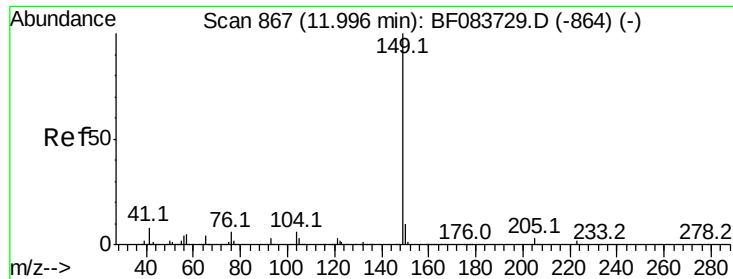
#72
 Carbazole
 Concen: 42.58 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:167 Resp: 931562
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.2 25.8
 139 12.9 9.3 13.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.75 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampled :

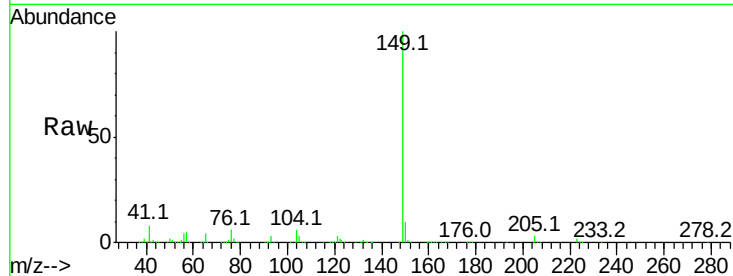
Tot Ion:149 Resp: 1056229

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

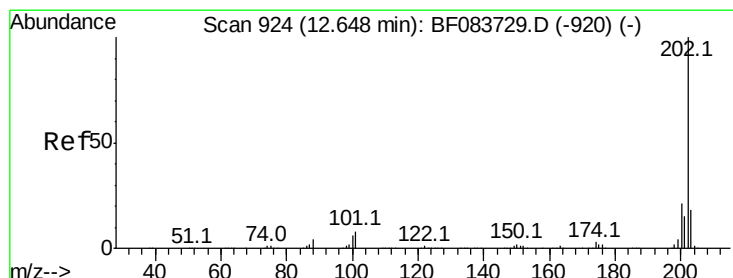
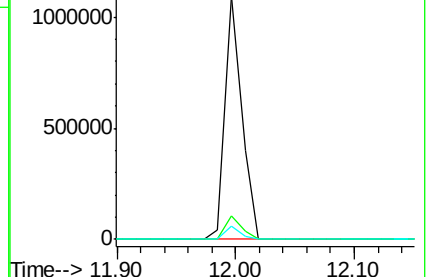
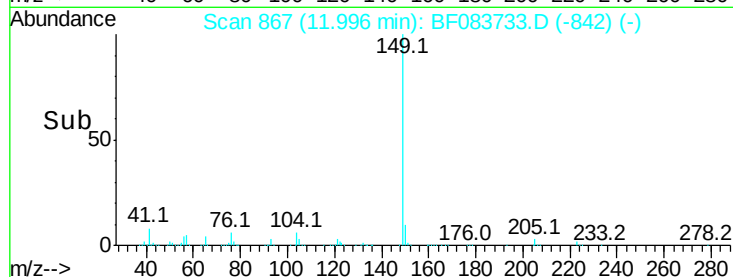
104 5.6 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.18 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

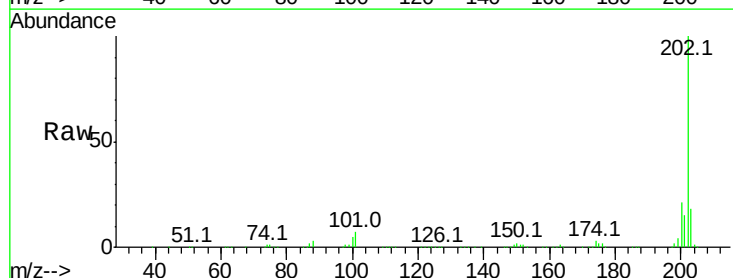
Tgt Ion:202 Resp: 938593

Ion Ratio Lower Upper

202 100

101 7.2 0.0 31.5

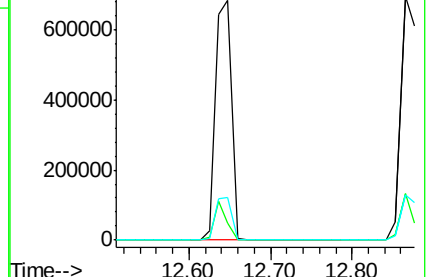
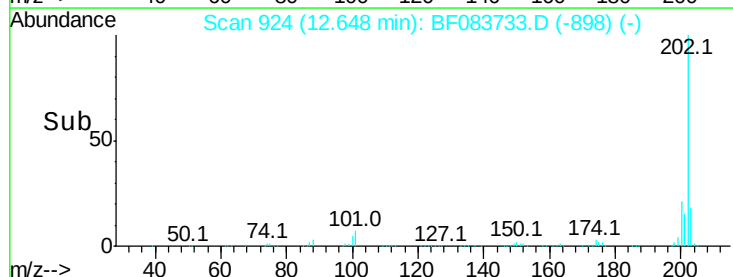
203 17.6 0.0 37.6

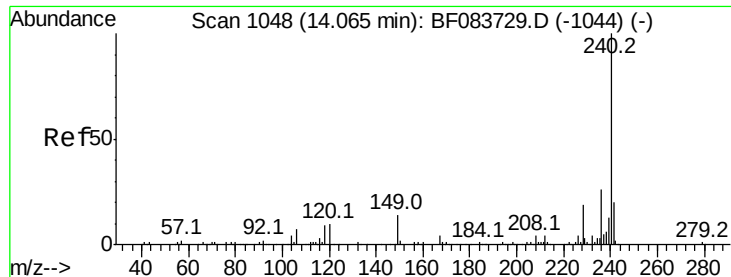


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

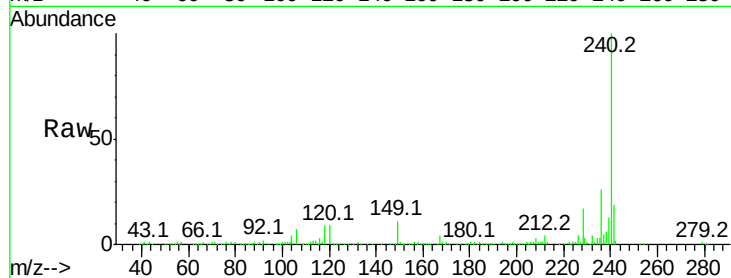
Tot Ion:240 Resp: 291798

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

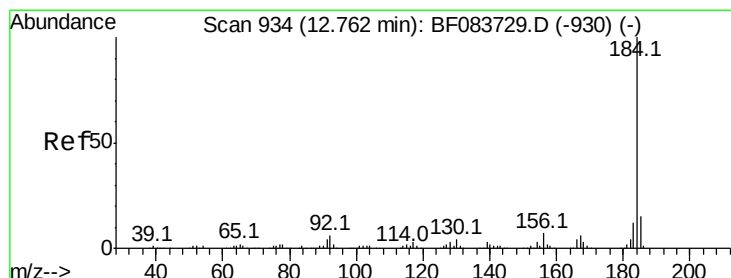
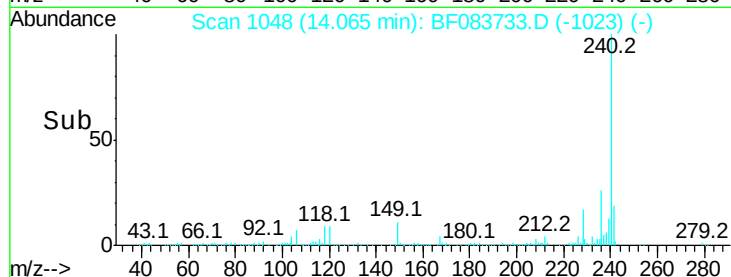
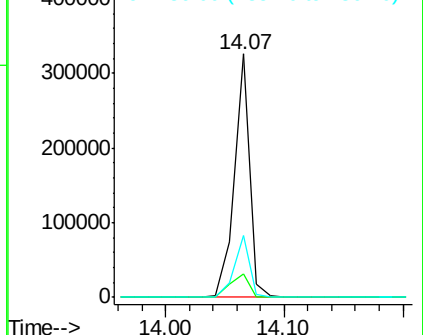
236 25.6 20.8 31.2



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: 44.84 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

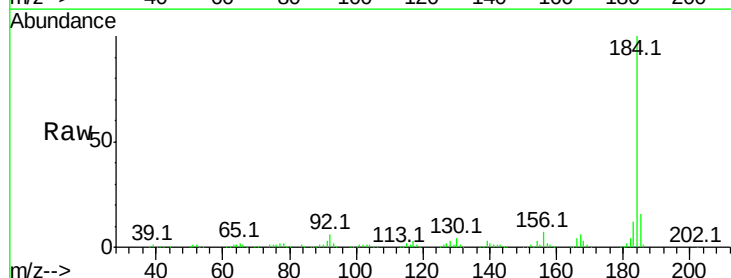
Tgt Ion:184 Resp: 398666

Ion Ratio Lower Upper

184 100

185 16.4 13.0 19.6

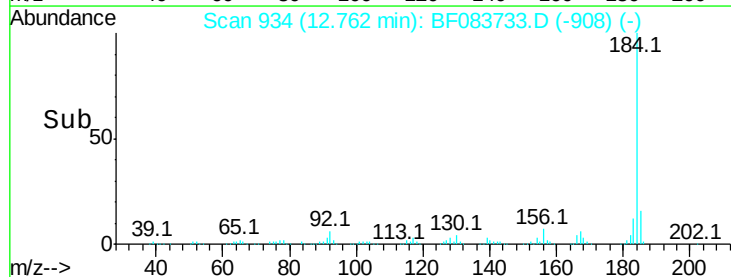
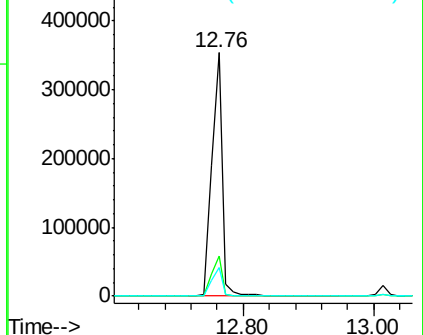
183 11.9 9.0 13.4

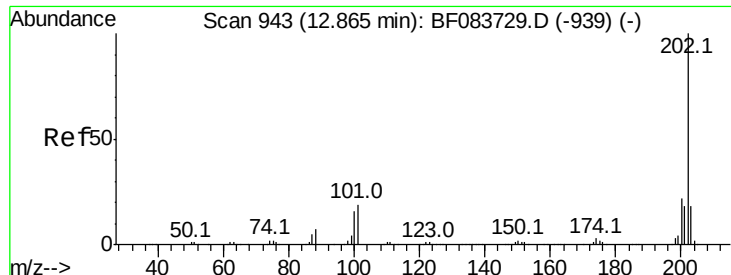


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

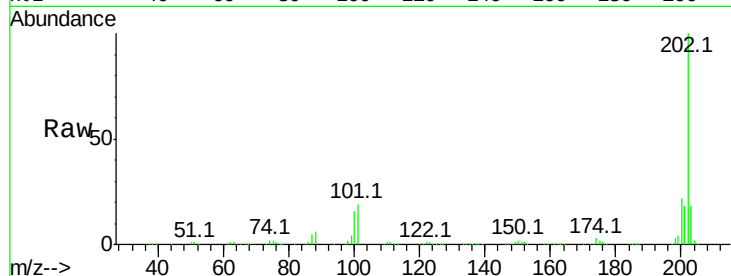




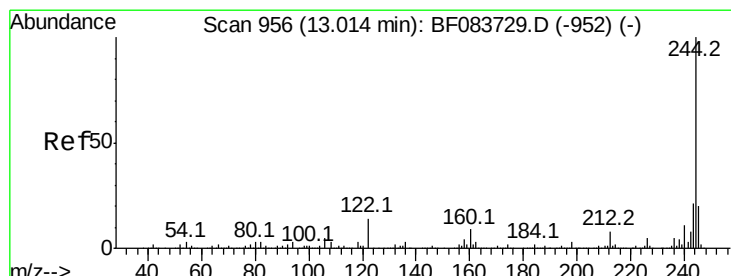
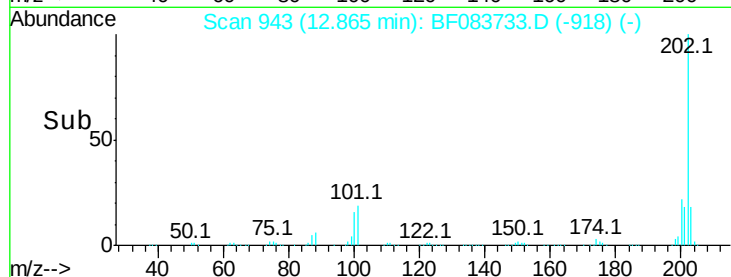
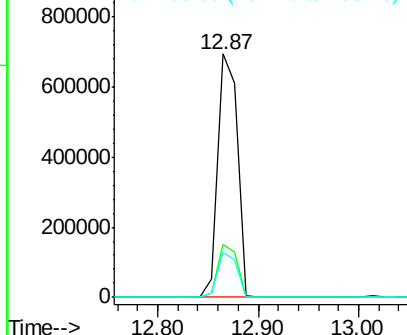
#77
 Pvrene
 Concen: 40.68 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 938309
 Ion Ratio Lower Upper
 202 100
 200 22.0 16.7 25.1
 203 18.3 14.3 21.5

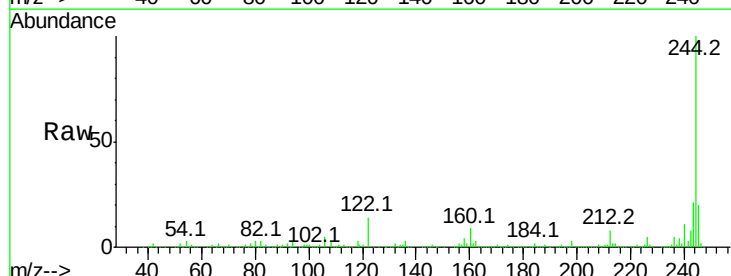


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

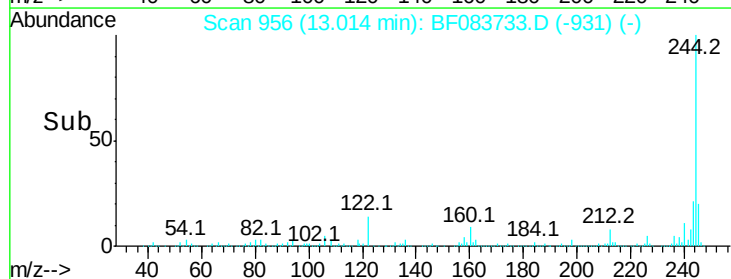
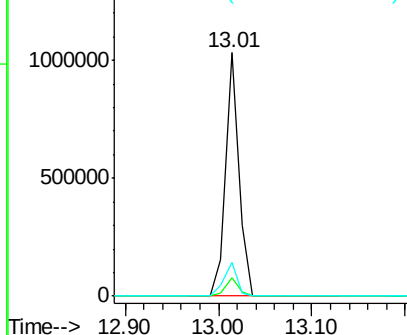


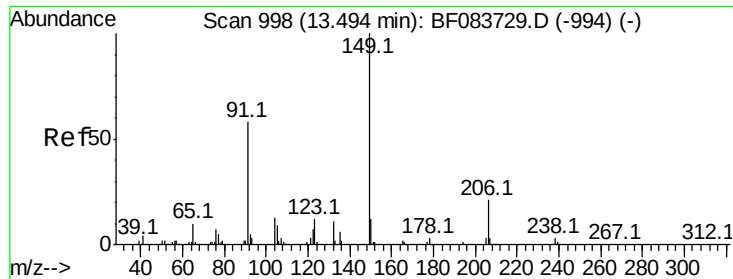
#78
 Terphenyl-d14
 Concen: 75.78 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:244 Resp: 1028047
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.8 11.0 16.6



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

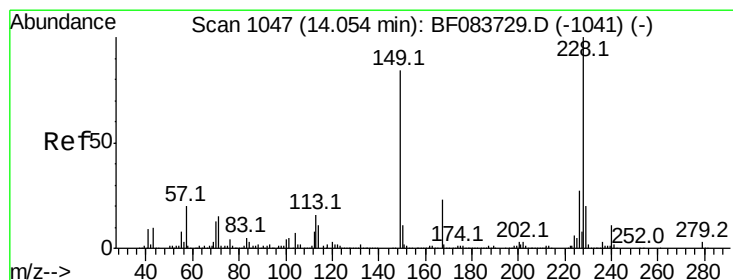
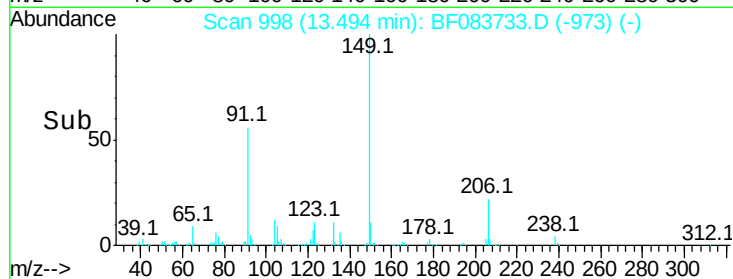
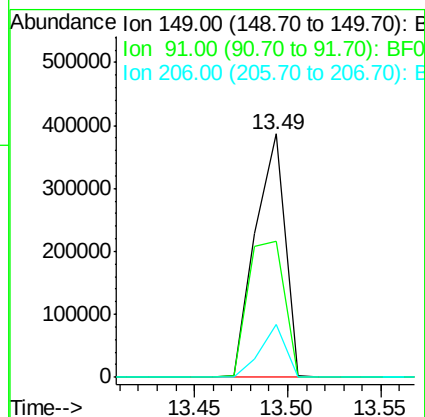
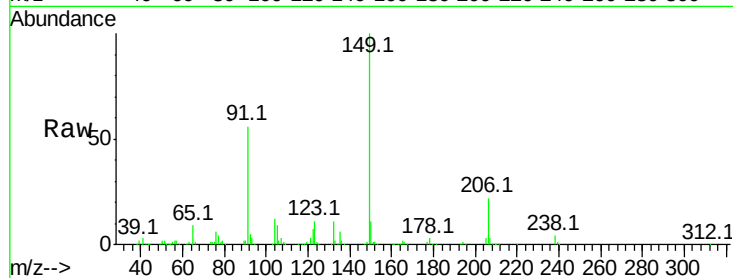




#79
Butylbenzylphthalate
Concen: 43.03 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

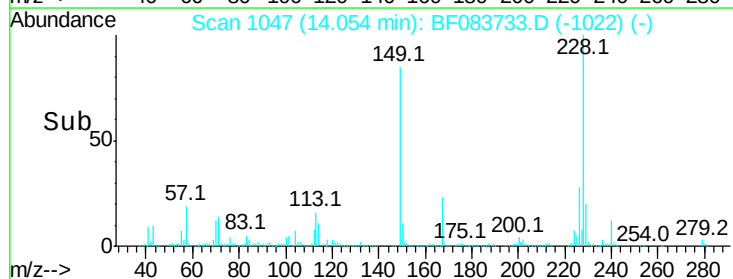
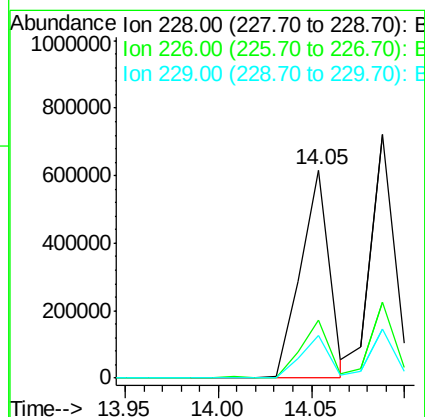
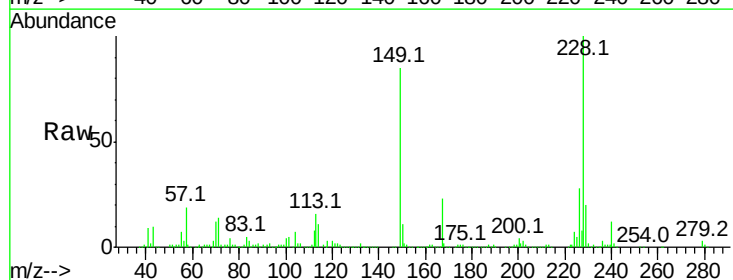
Instrument :
BNA_F
ClientSampleId :

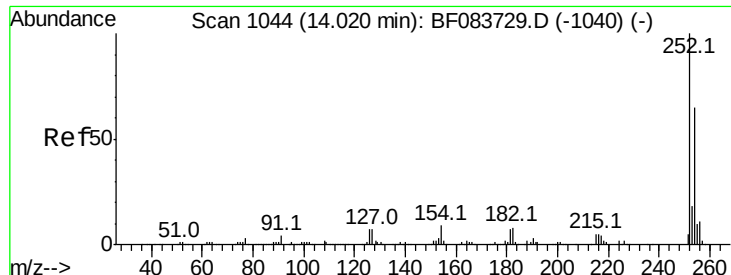
Tot Ion	Ratio	Lower	Upper
149	100		
91	55.9	60.0	90.0#
206	21.6	16.2	24.4



#80
Benzo(a)anthracene
Concen: 39.94 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	20.3	15.7	23.5

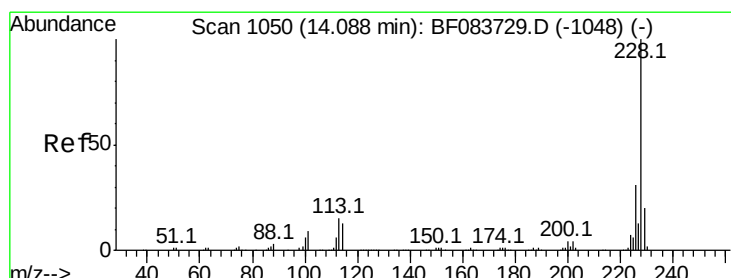
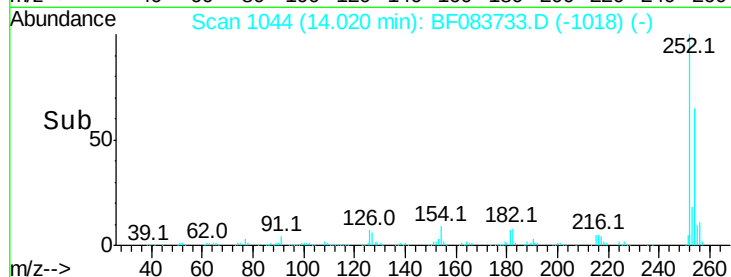
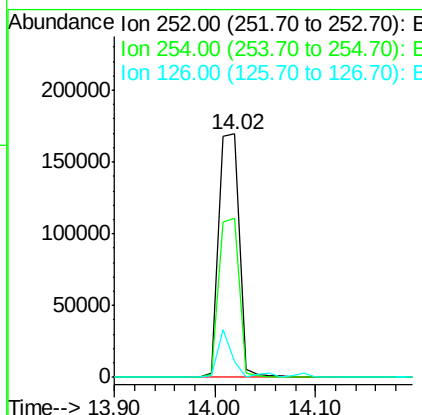
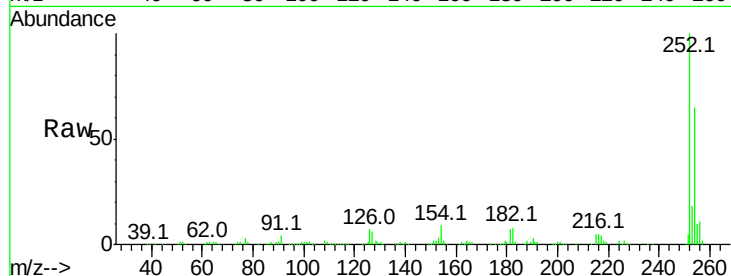




#81
 3,3'-Dichlorobenzidine
 Concen: 40.18 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

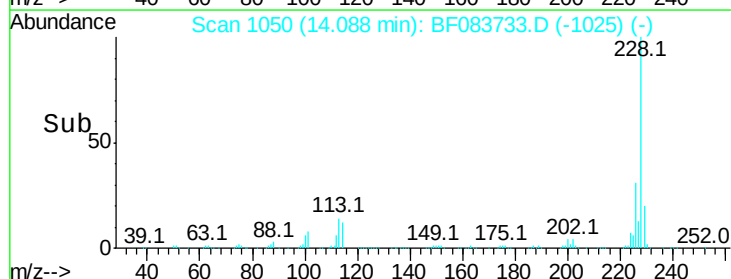
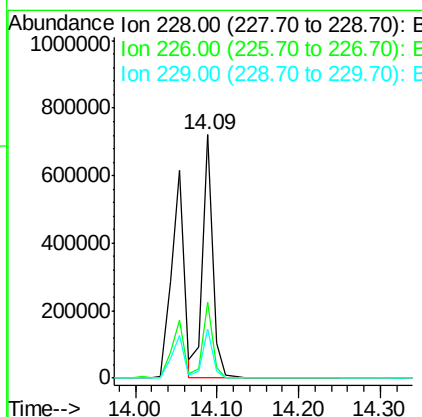
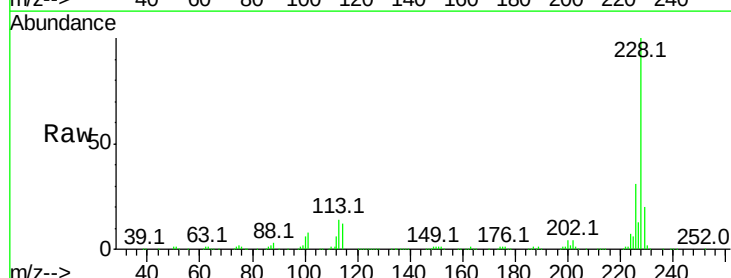
Instrument :
 BNA_F
 ClientSampleId :

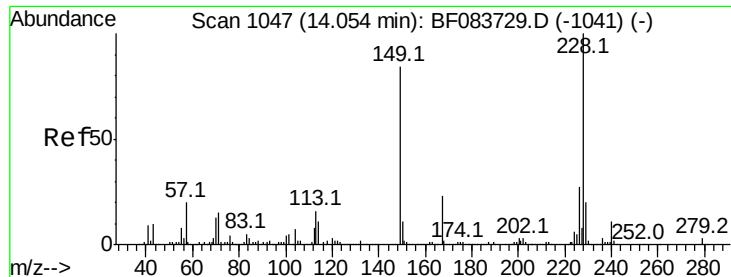
Tot Ion:252 Resp: 240511
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.6 76.0
 126 6.7 11.0 16.4#



#82
 Chrysene
 Concen: 39.70 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:228 Resp: 642464
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.7 37.1
 229 20.2 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.08 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

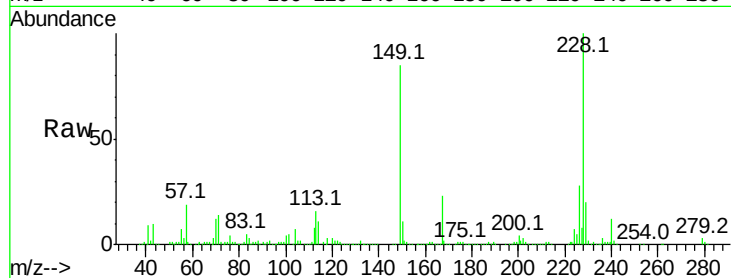
Tot Ion:149 Resp: 462750

Ion Ratio Lower Upper

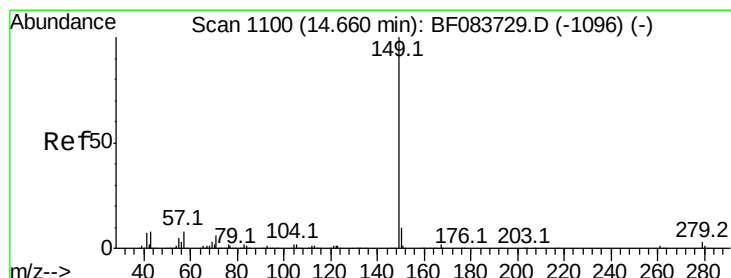
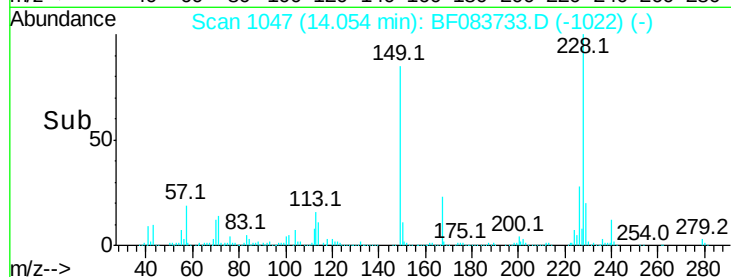
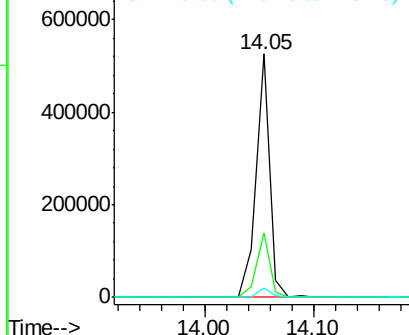
149 100

167 26.6 21.8 32.8

279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.65 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

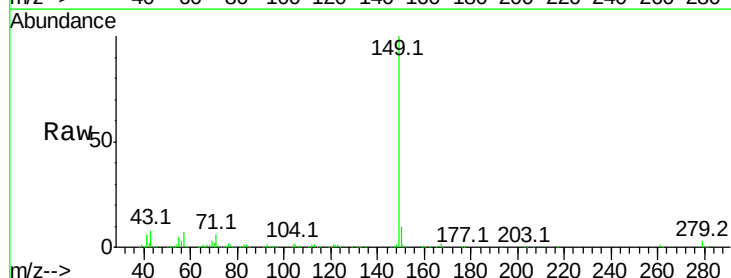
Tgt Ion:149 Resp: 745681

Ion Ratio Lower Upper

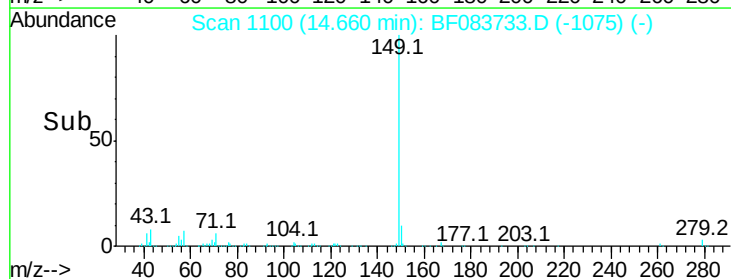
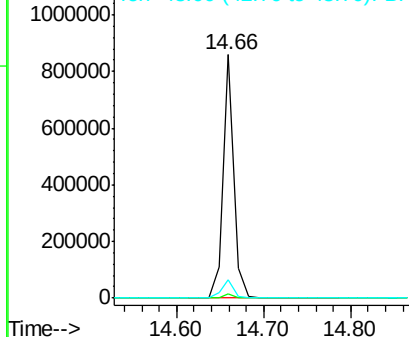
149 100

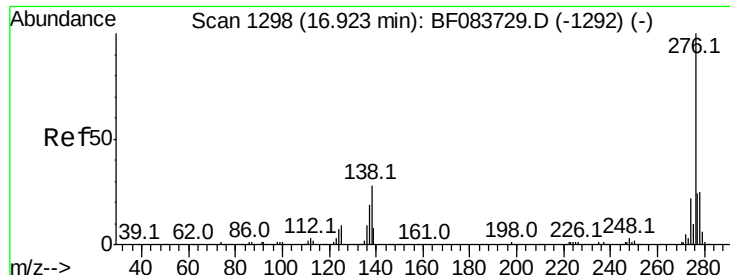
167 1.5 0.0 0.0#

43 8.5 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

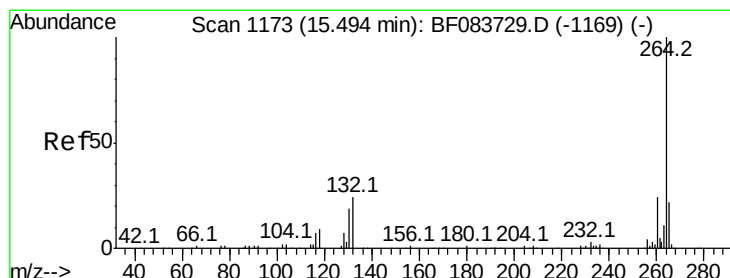
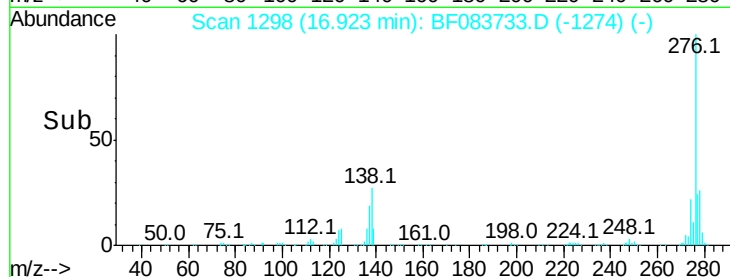
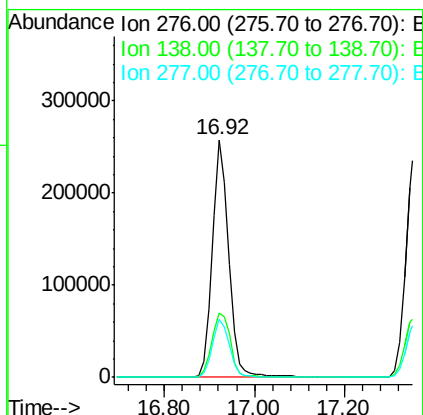
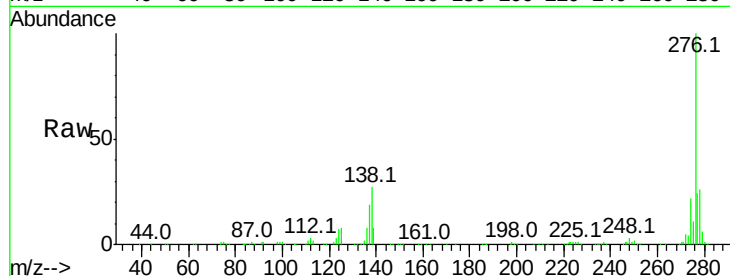




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.38 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

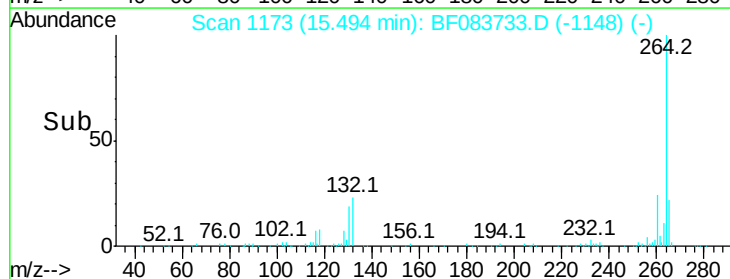
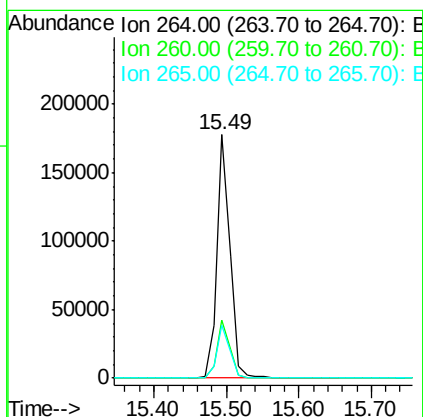
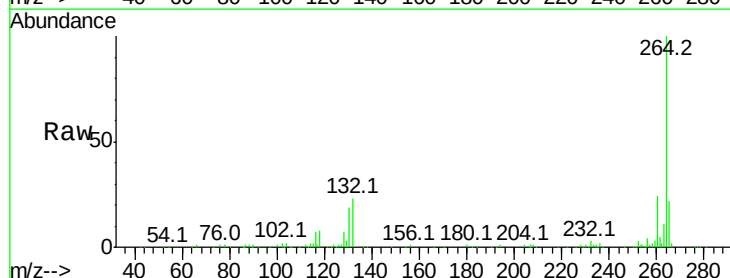
Instrument :
 BNA_F
 ClientSampleId :

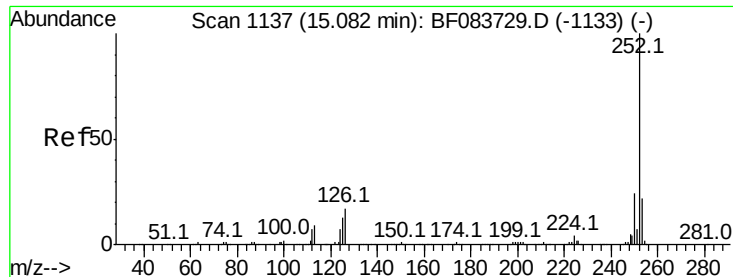
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	0.0	0.0#
277	25.7	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.6	17.8	26.6

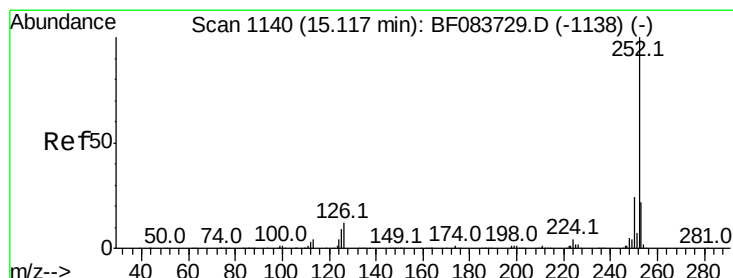
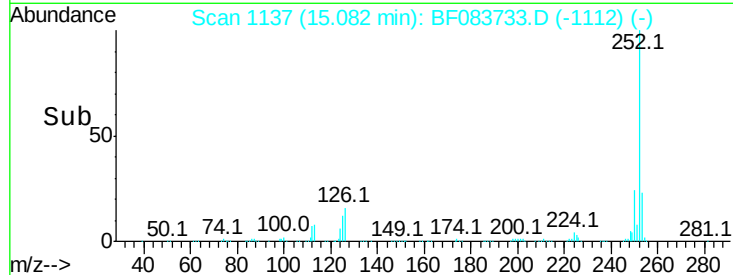
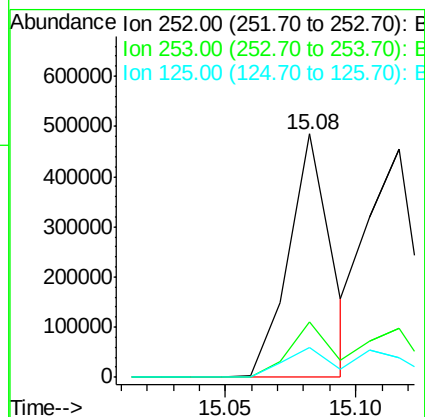
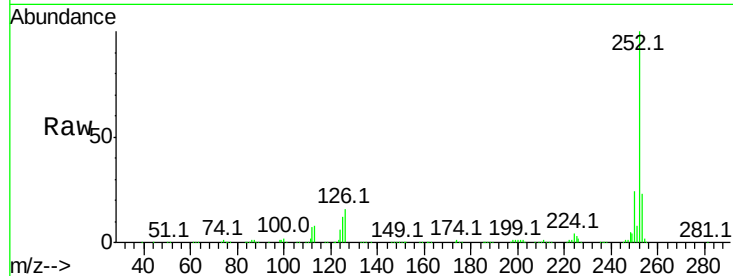




#87
Benzo(b)fluoranthene
Concen: 38.46 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

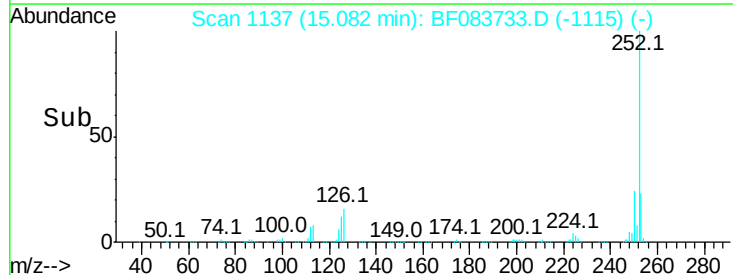
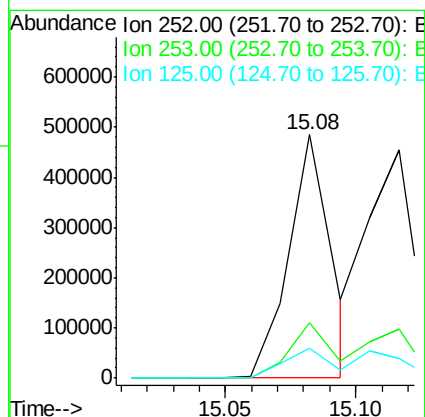
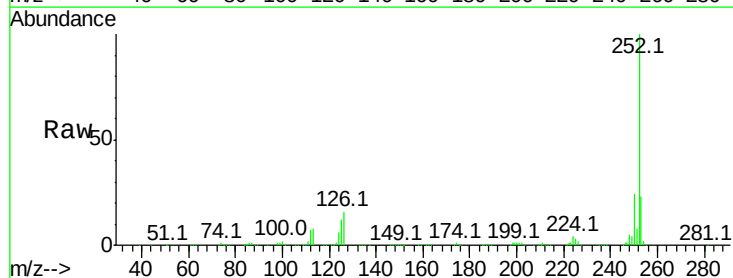
Instrument :
BNA_F
ClientSampleId :

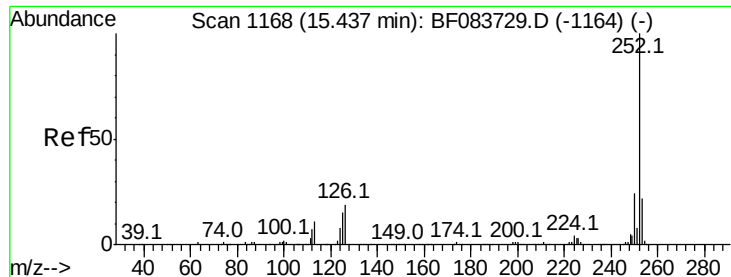
Tot Ion:252 Resp: 545619
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 12.4 8.2 12.4#



#88
Benzo(k)fluoranthene
Concen: 42.45 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.05 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion:252 Resp: 545619
Ion Ratio Lower Upper
252 100
253 22.6 18.6 27.8
125 12.4 11.5 17.3





#89

Benzo(a)pyrene

Concen: 41.60 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

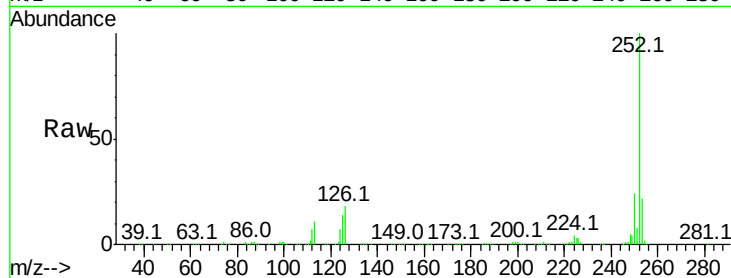
Tot Ion:252 Resp: 526574

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

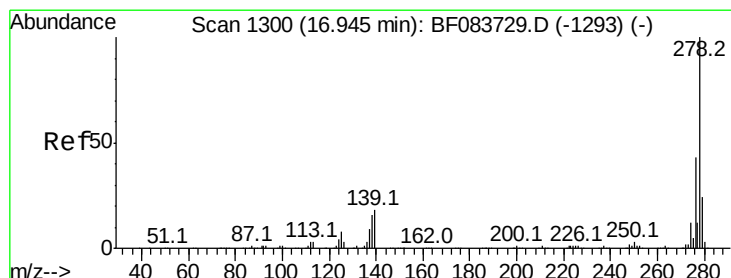
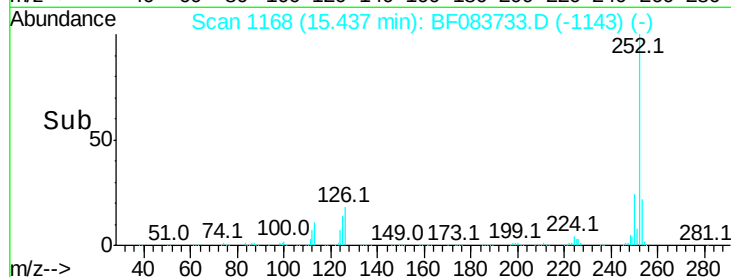
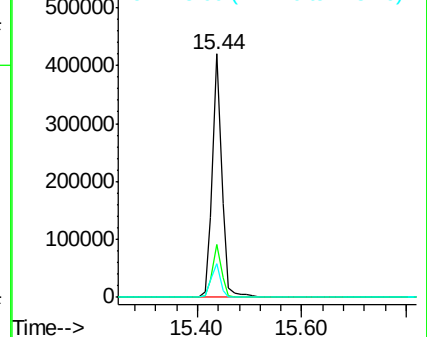
125 13.9 11.0 16.6



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: 43.41 ng

RT: 16.95 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

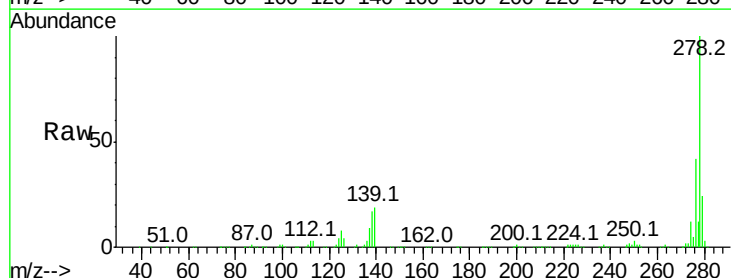
Tgt Ion:278 Resp: 546431

Ion Ratio Lower Upper

278 100

139 18.7 12.8 19.2

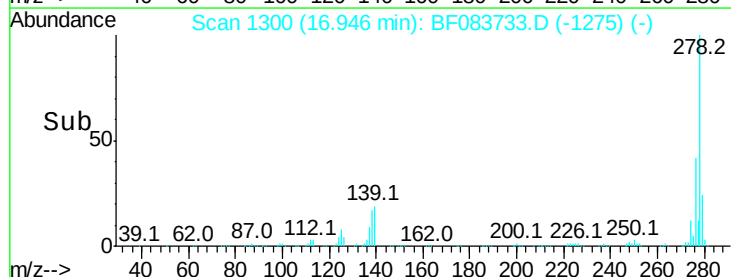
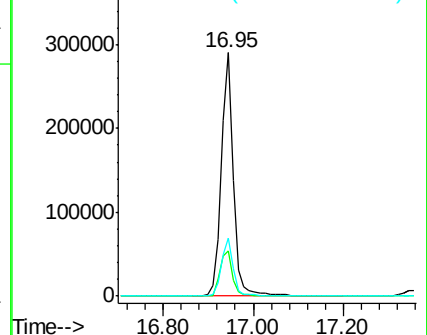
279 23.8 18.6 28.0

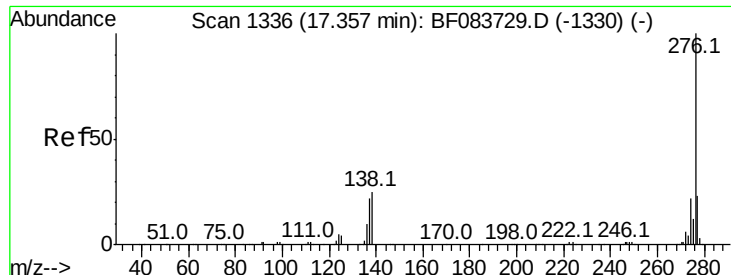


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.43 ng

RT: 17.36 min Scan# 1336

Delta R.T. -0.02 min

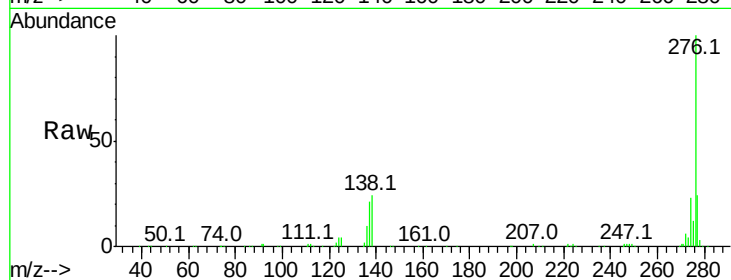
Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :



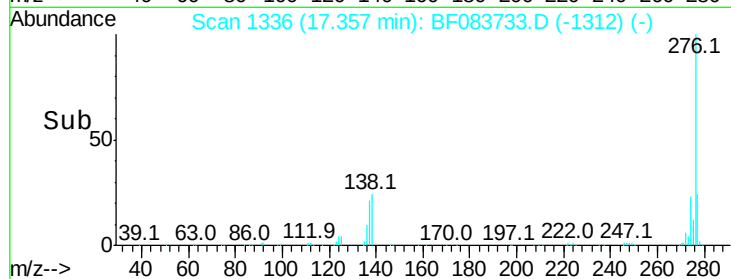
Tot Ion:276 Resp: 561924

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 24.4 19.5 29.3



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

