

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083779.D
 Acq On : 14 Dec 2015 20:01
 Operator : UM/IZ
 Sample : PB87254BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87254BS

Quant Time: Dec 15 02:37:27 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	6.90	152	114267	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	462948	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	219807	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	417966	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	341449	20.00	ng	-0.02
86) Perylene-d12	15.48	264	274469	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	674037	95.16	ng	-0.02
7) Phenol-d6	6.53	99	893453	99.61	ng	-0.01
23) Nitrobenzene-d5	7.46	82	561726	67.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	260504	116.31	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1081029	67.90	ng	-0.02
78) Terphenyl-d14	13.00	244	1010426	63.65	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	72609	21.20	ng	# 82
3) Pyridine	3.26	79	243653	28.27	ng	# 84
4) n-Nitrosodimethylamine	3.21	42	107678	33.03	ng	# 64
6) Aniline	6.56	93	387894	31.83	ng	# 86
8) 2-Chlorophenol	6.68	128	278555	33.47	ng	95
9) Benzaldehyde	6.44	77	152041	31.56	ng	88
10) Phenol	6.54	94	385400	37.33	ng	79
11) bis(2-Chloroethyl)ether	6.64	93	272494	36.45	ng	90
12) 1,3-Dichlorobenzene	6.84	146	293586	33.24	ng	99
13) 1,4-Dichlorobenzene	6.92	146	303651	34.02	ng	94
14) 1,2-Dichlorobenzene	7.07	146	272060	33.92	ng	96
15) Benzyl Alcohol	7.04	79	243419	36.94	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	316860	32.64	ng	71
17) 2-Methylphenol	7.15	107	236191	35.29	ng	# 85
18) Hexachloroethane	7.41	117	103004	32.49	ng	# 77
19) n-Nitroso-di-n-propylamine	7.31	70	189868	34.57	ng	93
20) 3+4-Methylphenols	7.31	107	306321	38.77	ng	# 57
22) Acetophenone	7.31	105	371008	32.67	ng	# 99
24) Nitrobenzene	7.48	77	313969	36.45	ng	# 85
25) Isophorone	7.72	82	532033	32.77	ng	96
26) 2-Nitrophenol	7.80	139	165559	40.02	ng	# 77
27) 2,4-Dimethylphenol	7.84	122	267790m	32.94	ng	
28) bis(2-Chloroethoxy)methane	7.94	93	343796	37.11	ng	# 97
29) 2,4-Dichlorophenol	8.04	162	261804	39.23	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	238881	34.52	ng	96
31) Naphthalene	8.21	128	845266	35.03	ng	100
32) Benzoic acid	7.95	122	180079m	35.54	ng	
33) 4-Chloroaniline	8.25	127	288491	29.27	ng	# 93
34) Hexachlorobutadiene	8.33	225	127992	33.70	ng	97
35) Caprolactam	8.61	113	89274m	41.66	ng	
36) 4-Chloro-3-methylphenol	8.74	107	307836	39.43	ng	# 81
37) 2-Methylnaphthalene	8.90	142	575442	37.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	244898	37.77	ng	# 100
40) Hexachlorocyclopentadiene	9.06	237	249791	76.02	ng	99

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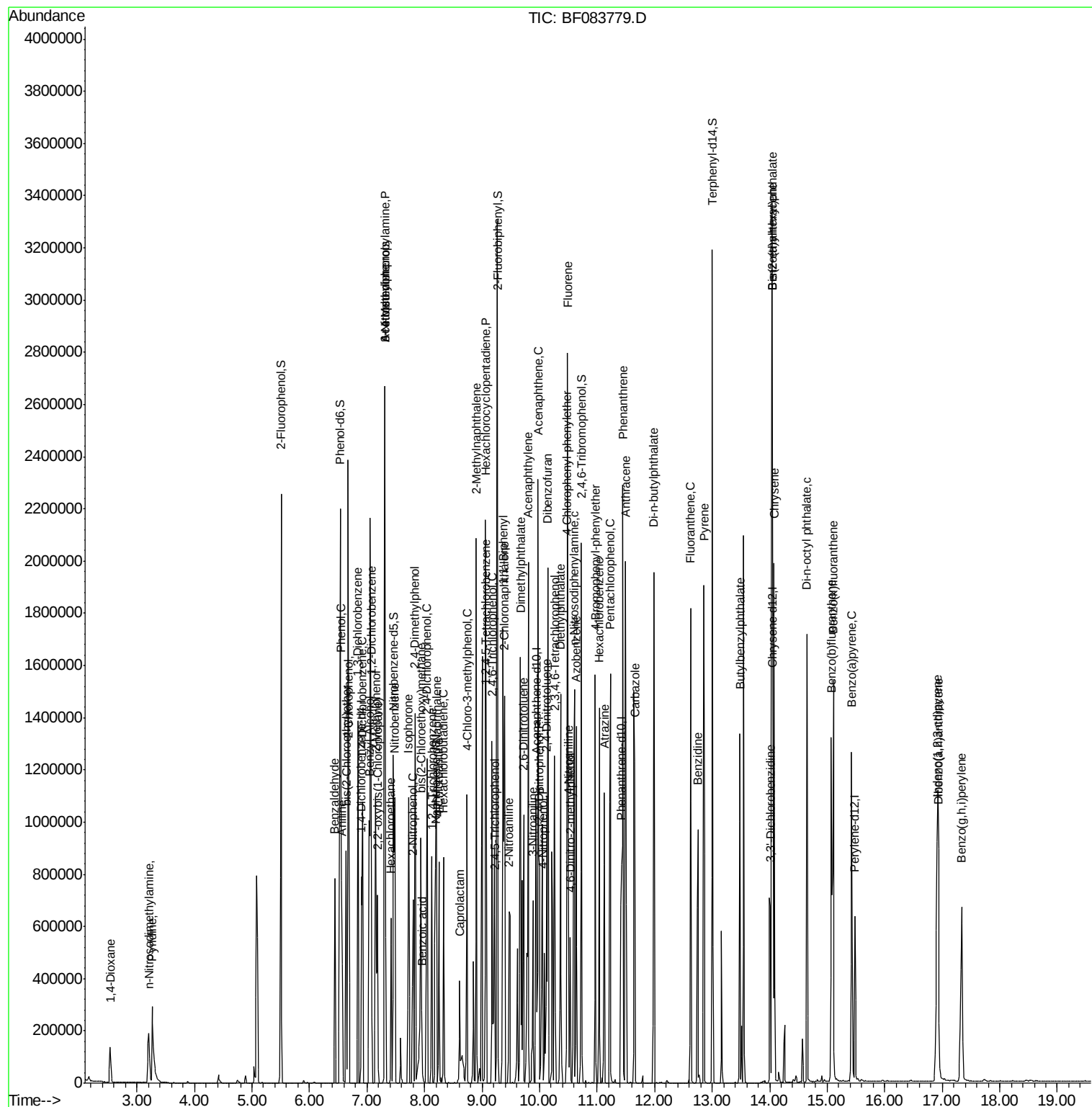
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	178093	37.52	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	180744	40.14	nq #	90
45) 1,1'-Biphenyl	9.37	154	708034	36.35	nq	95
46) 2-Chloronaphthalene	9.39	162	547789	38.09	nq	97
47) 2-Nitroaniline	9.47	65	165233	40.51	nq #	86
48) Acenaphthylene	9.80	152	860150	35.55	nq	99
49) Dimethylphthalate	9.66	163	674143	39.34	nq	99
50) 2,6-Dinitrotoluene	9.72	165	159833	43.95	nq #	73
51) Acenaphthene	9.97	154	598301	40.91	nq	98
52) 3-Nitroaniline	9.88	138	122666	29.25	nq	86
53) 2,4-Dinitrophenol	10.00	184	164740	82.68	nq #	71
54) Dibenzofuran	10.14	168	751755	38.79	nq	92
55) 4-Nitrophenol	10.05	139	283555	91.33	nq #	62
56) 2,4-Dinitrotoluene	10.12	165	195061	41.06	nq #	79
57) Fluorene	10.49	166	565325	37.05	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	144301	42.73	nq #	100
59) Diethylphthalate	10.36	149	633708	36.53	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	250997	36.07	nq #	84
61) 4-Nitroaniline	10.50	138	156176	42.26	nq	93
62) Azobenzene	10.64	77	634630	40.13	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	112883	47.47	nq #	55
65) n-Nitrosodiphenylamine	10.60	169	568408	39.76	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	173875	37.20	nq #	91
67) Hexachlorobenzene	11.04	284	182218	36.03	nq	97
68) Atrazine	11.13	200	193126	47.48	nq	98
69) Pentachlorophenol	11.23	266	231959	81.33	nq	98
70) Phenanthrene	11.45	178	911168	41.04	nq	99
71) Anthracene	11.49	178	837899	36.33	nq	100
72) Carbazole	11.65	167	889827	41.41	nq	99
73) Di-n-butylphthalate	11.99	149	956034	36.64	nq	100
74) Fluoranthene	12.63	202	922977	40.23	nq	95
76) Benzidine	12.75	184	478445	45.98	nq	96
77) Pyrene	12.85	202	908600	33.67	nq	99
79) Butylbenzylphthalate	13.48	149	431815	37.28	nq #	82
80) Benzo(a)anthracene	14.04	228	761099	39.20	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	226284	32.31	nq #	96
82) Chrysene	14.08	228	609206	32.17	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	477332	36.21	nq	100
84) Di-n-octyl phthalate	14.65	149	811688	38.75	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	686002	36.88	nq #	100
87) Benzo(b)fluoranthene	15.07	252	841496m	48.06	nq	
88) Benzo(k)fluoranthene	15.11	252	497350m	31.35	nq	
89) Benzo(a)pyrene	15.43	252	625237	40.01	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	569880	36.68	nq	99
91) Benzo(g,h,i)perylene	17.33	276	581163	36.39	nq	97

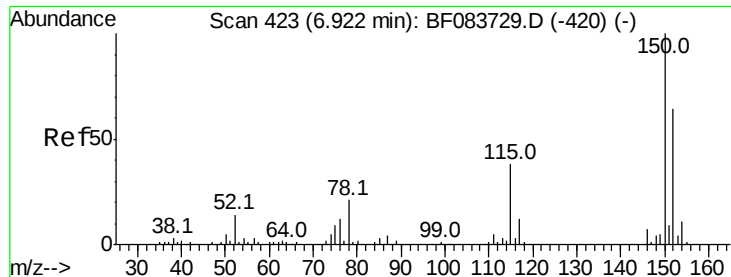
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

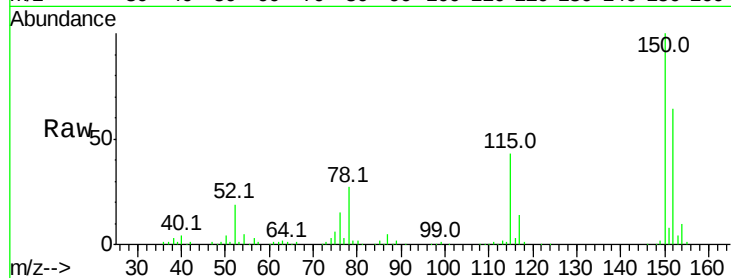
Tot Ion:152 Resp: 114267

Ion Ratio Lower Upper

152 100

150 156.0 126.5 189.7

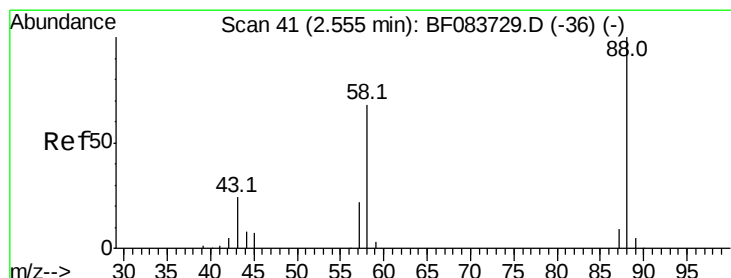
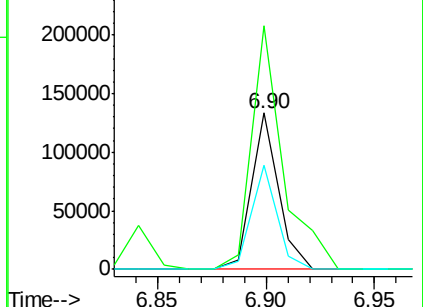
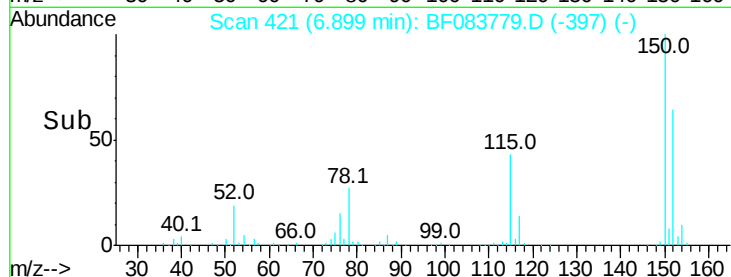
115 67.0 52.3 78.5



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: 21.20 ng

RT: 2.53 min Scan# 39

Delta R.T. -0.03 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

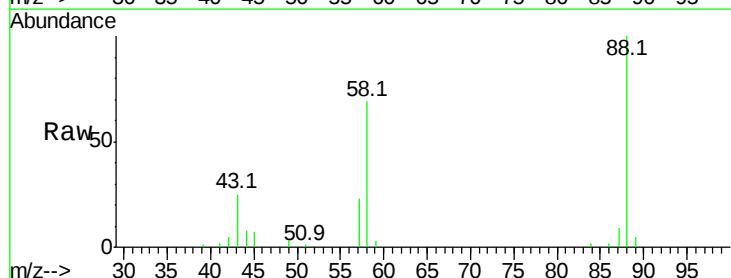
Tgt Ion: 88 Resp: 72609

Ion Ratio Lower Upper

88 100

58 68.7 68.0 102.0

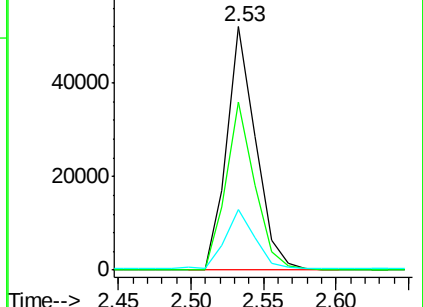
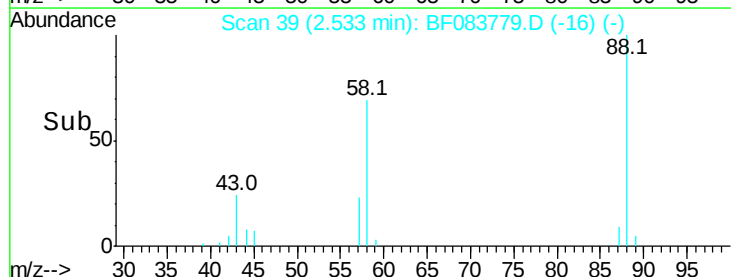
43 25.0 27.9 41.9#

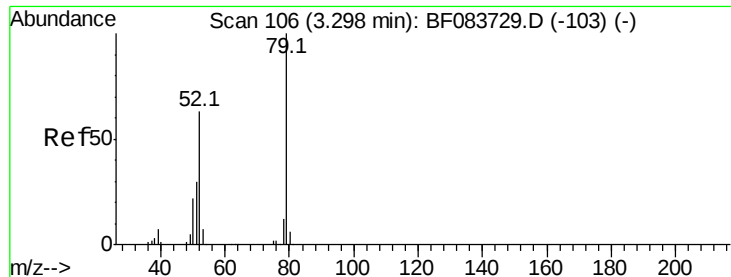


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.27 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.03 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

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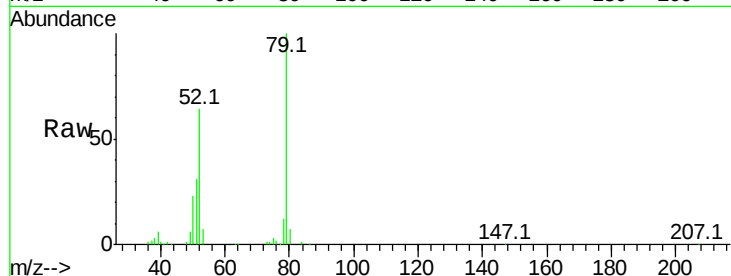
Tot Ion: 79 Resp: 243653

Ion Ratio Lower Upper

79 100

52 63.6 63.7 95.5#

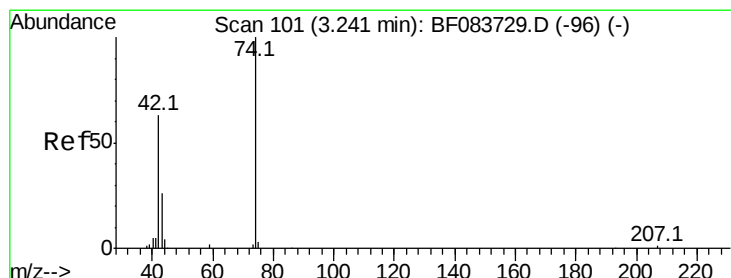
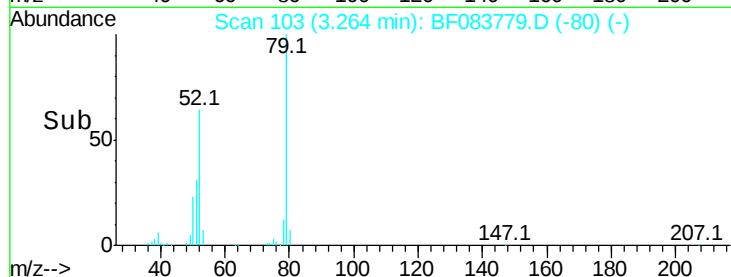
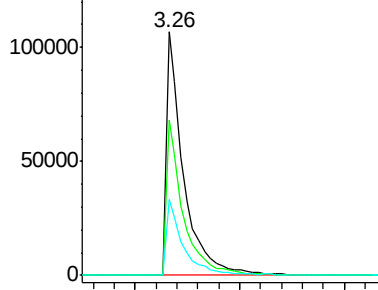
51 31.1 30.6 45.8



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: 33.03 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.03 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

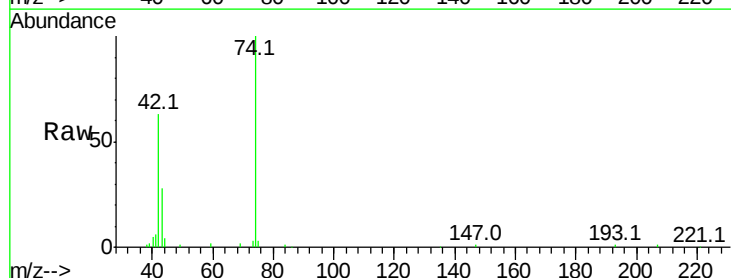
Tgt Ion: 42 Resp: 107678

Ion Ratio Lower Upper

42 100

74 157.9 92.9 139.3#

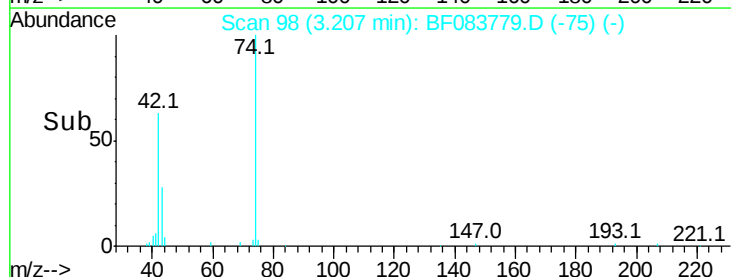
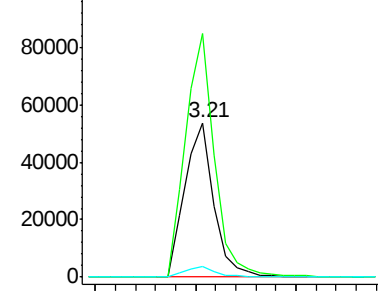
44 6.9 5.7 8.5

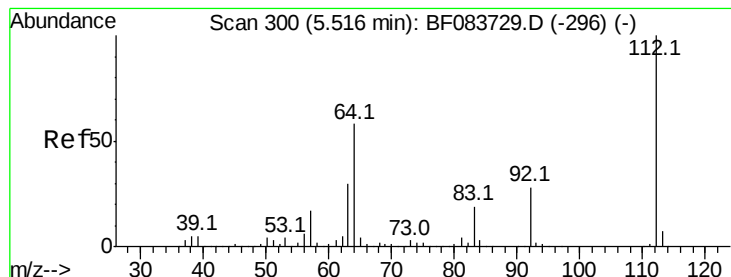


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 95.16 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

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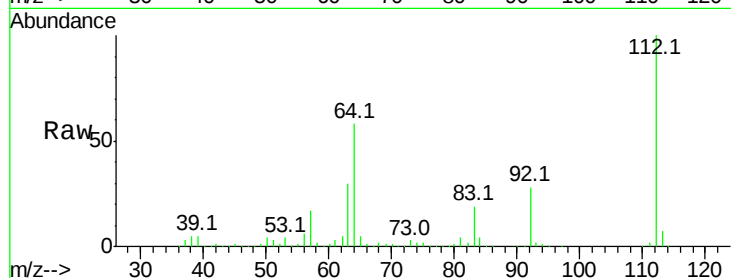
Tot Ion:112 Resp: 674037

Ion Ratio Lower Upper

112 100

64 58.0 50.5 75.7

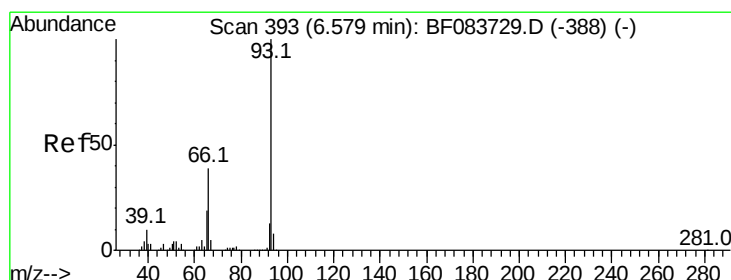
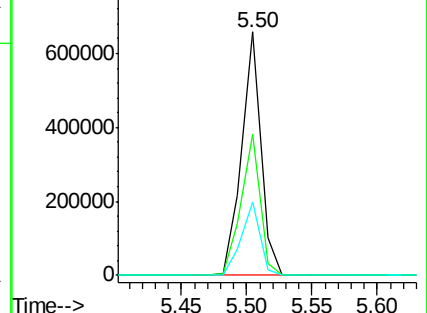
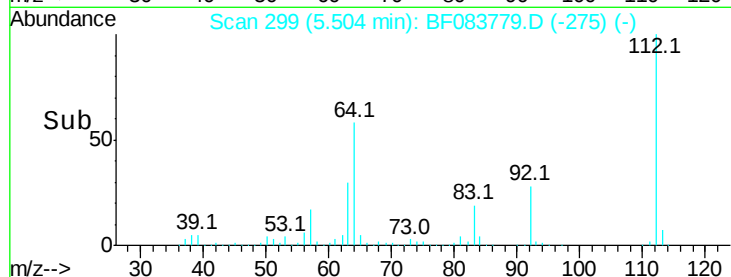
63 30.0 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.83 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

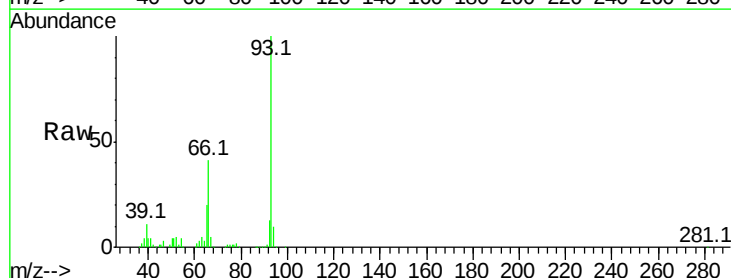
Tgt Ion: 93 Resp: 387894

Ion Ratio Lower Upper

93 100

66 41.1 41.3 61.9#

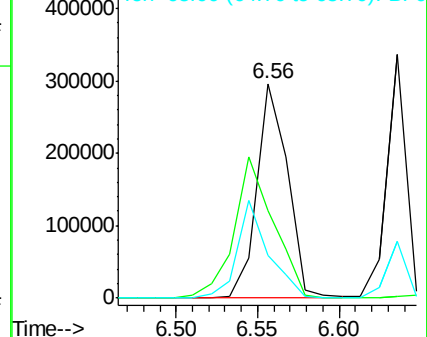
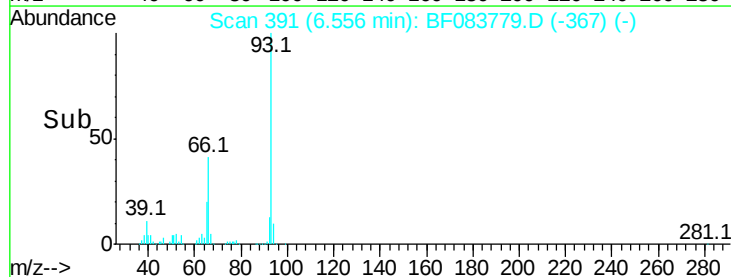
65 20.0 20.8 31.2#

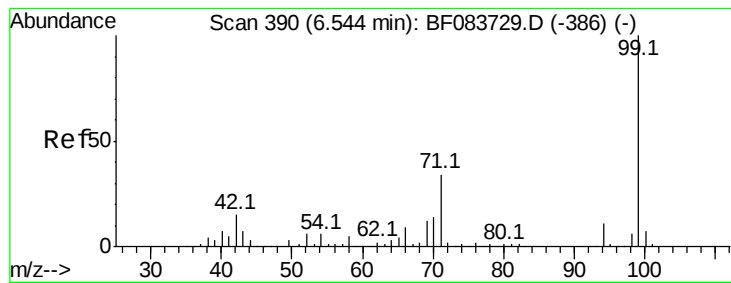


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 99.61 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

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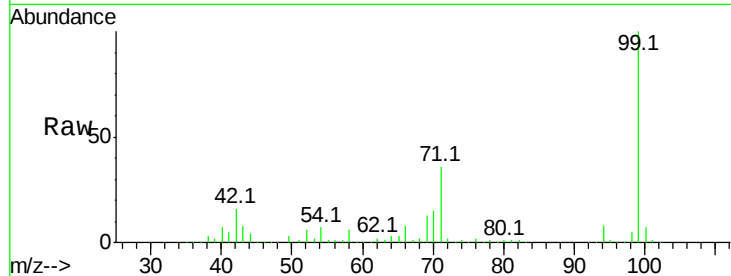
Tot Ion: 99 Resp: 893453

Ion Ratio Lower Upper

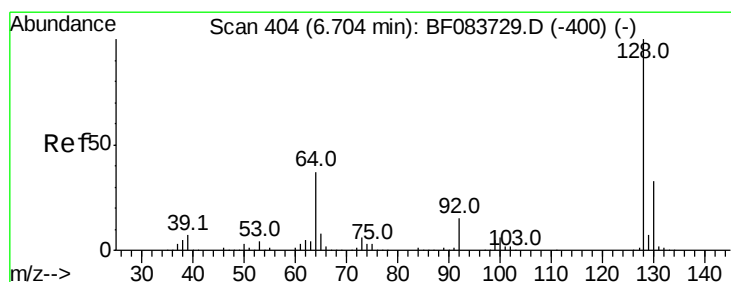
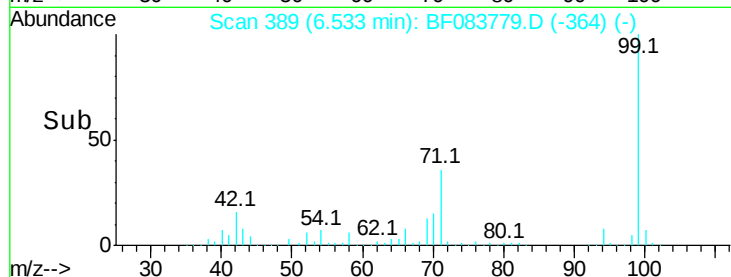
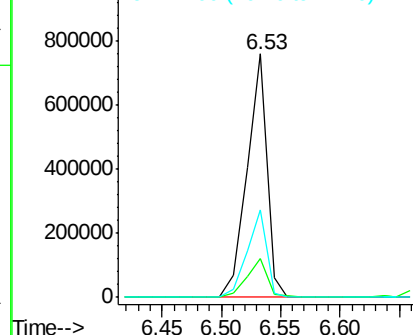
99 100

42 16.0 17.3 25.9#

71 35.8 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: 33.47 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

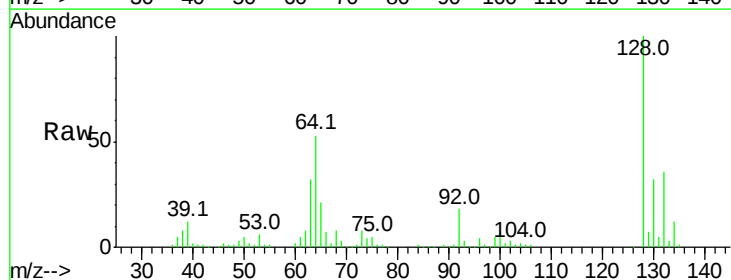
Tgt Ion: 128 Resp: 278555

Ion Ratio Lower Upper

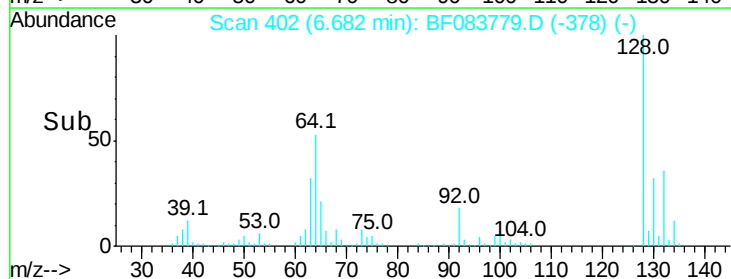
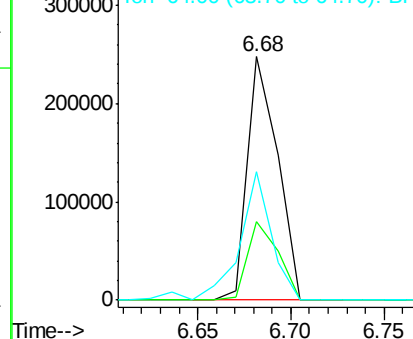
128 100

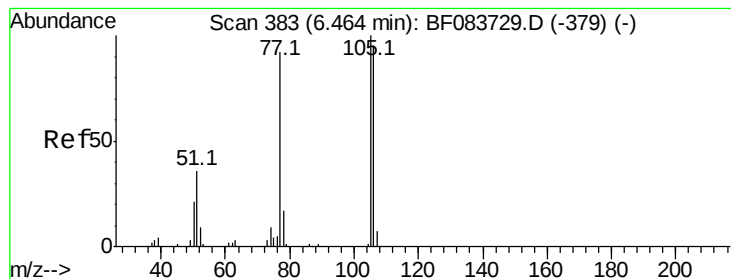
130 32.2 12.6 52.6

64 52.5 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: 31.56 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

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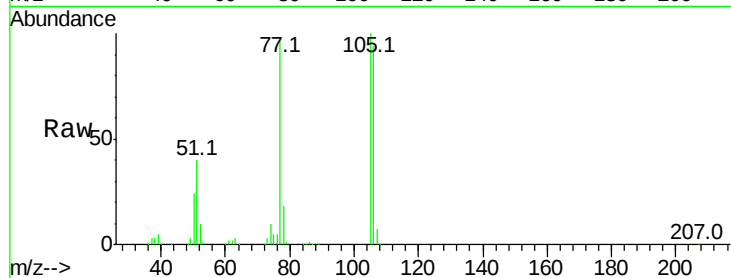
Tot Ion: 77 Resp: 152041

Ion Ratio Lower Upper

77 100

105 103.1 71.8 111.8

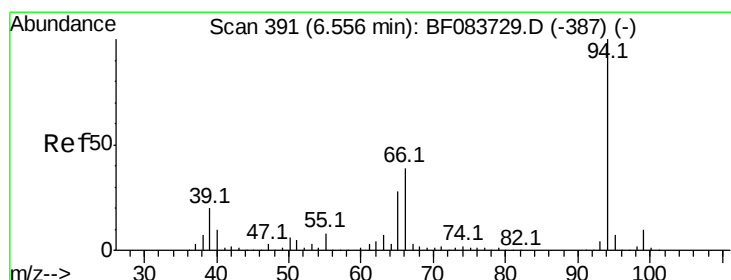
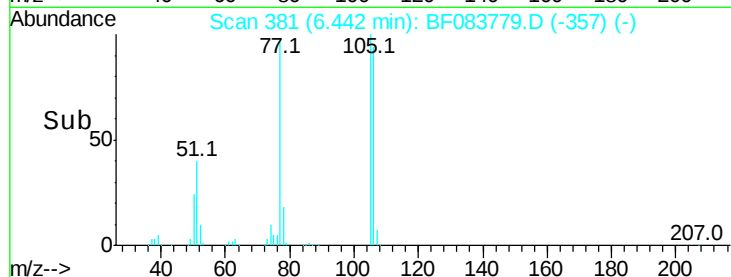
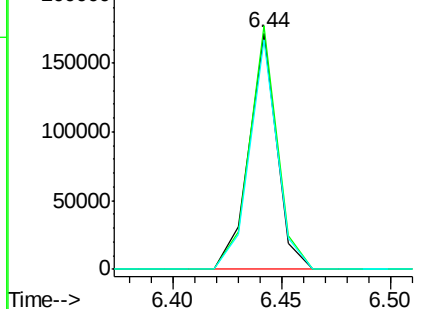
106 97.3 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.33 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

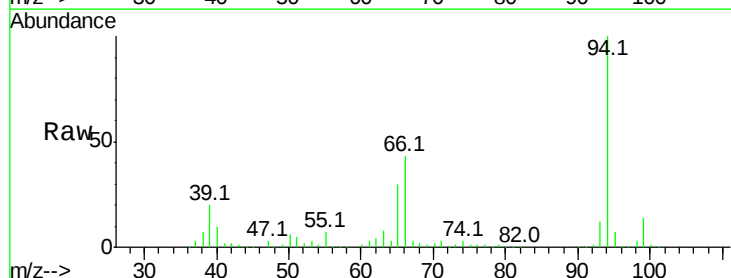
Tgt Ion: 94 Resp: 385400

Ion Ratio Lower Upper

94 100

65 29.9 20.9 60.9

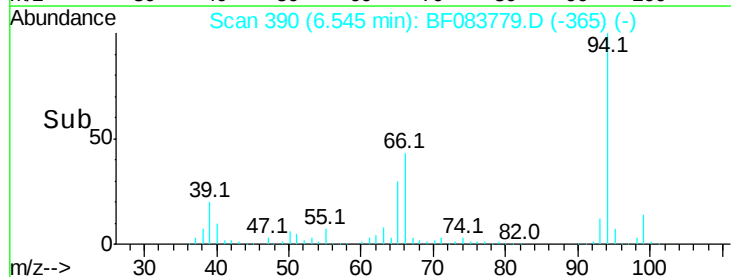
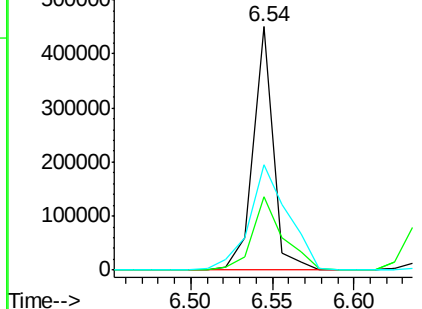
66 43.2 41.6 81.6

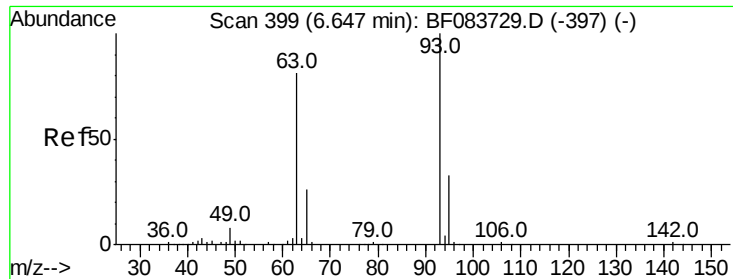


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.45 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

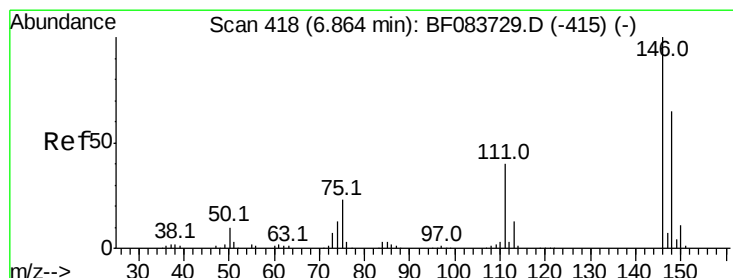
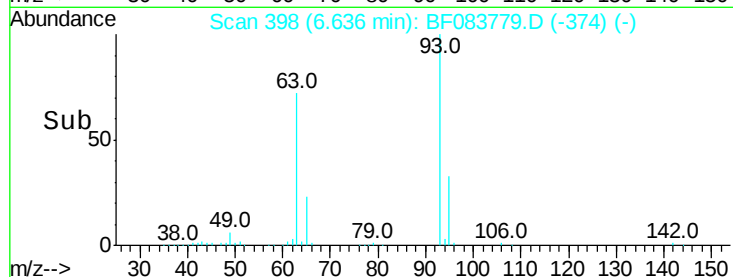
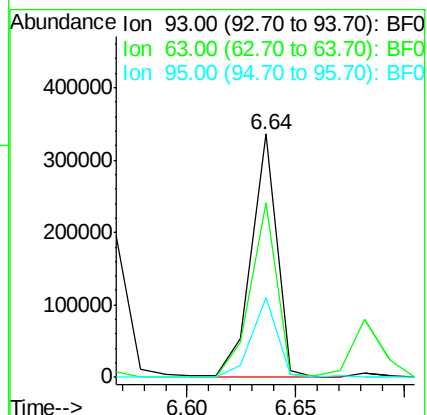
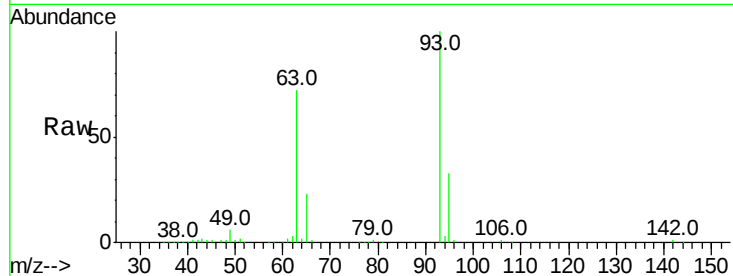
Tot Ion: 93 Resp: 272494

Ion Ratio Lower Upper

93 100

63 71.9 64.7 104.7

95 33.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 33.24 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

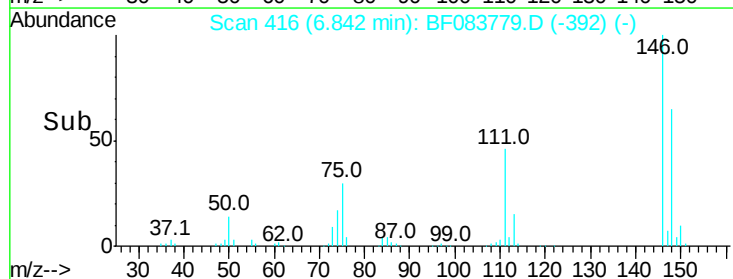
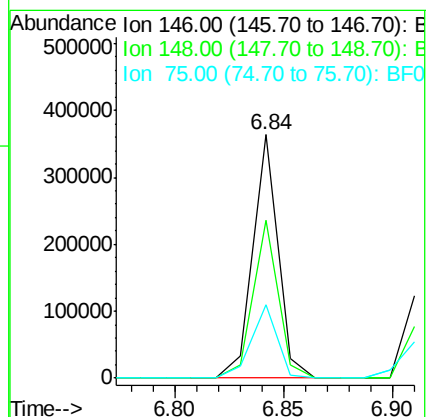
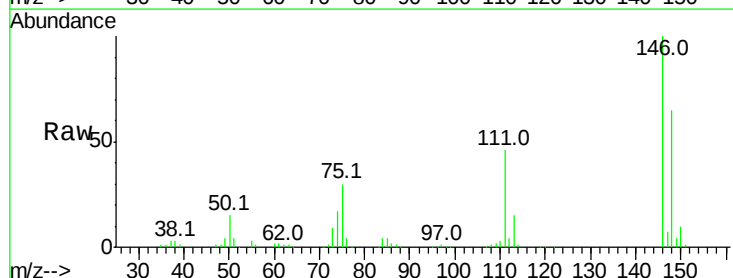
Tgt Ion: 146 Resp: 293586

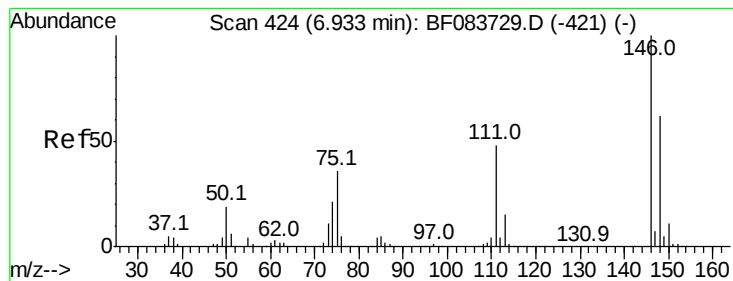
Ion Ratio Lower Upper

146 100

148 65.0 51.3 76.9

75 30.2 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 34.02 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

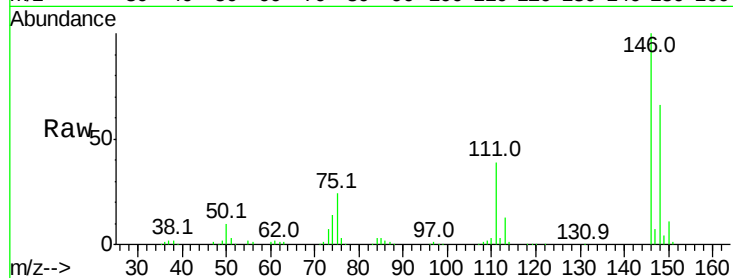
Tot Ion:146 Resp: 303651

Ion Ratio Lower Upper

146 100

148 65.8 50.6 76.0

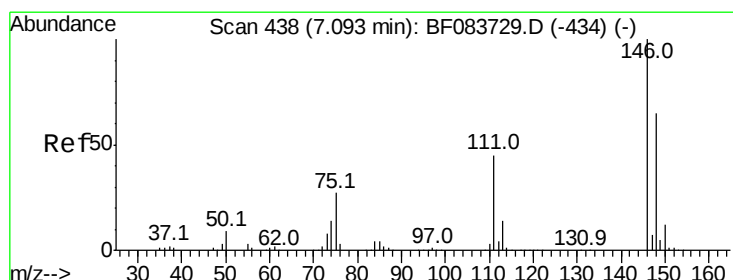
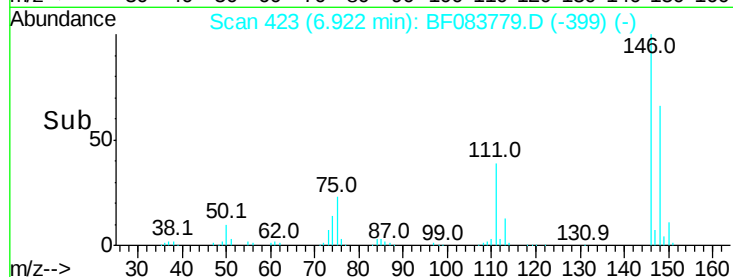
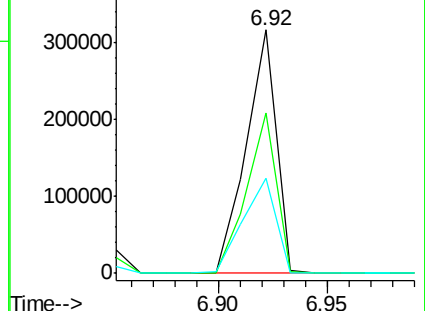
111 39.0 36.1 54.1



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: 33.92 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

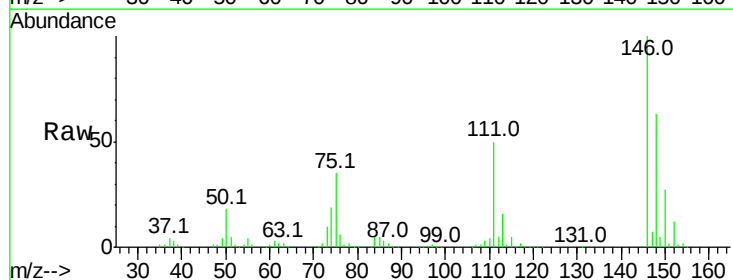
Tgt Ion:146 Resp: 272060

Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.0

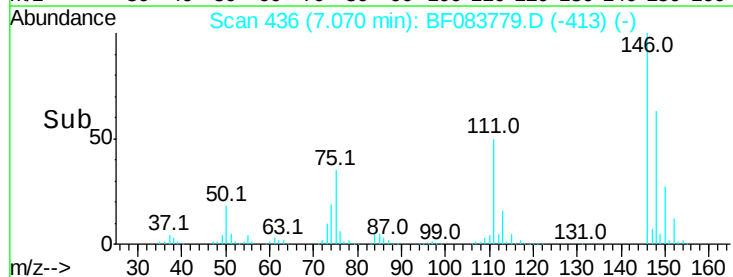
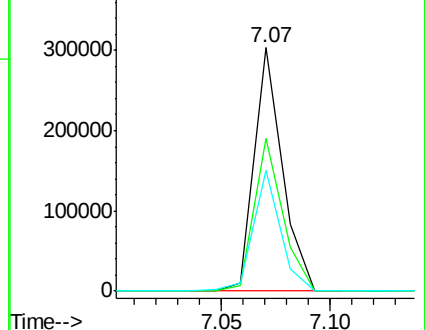
111 49.8 36.7 55.1

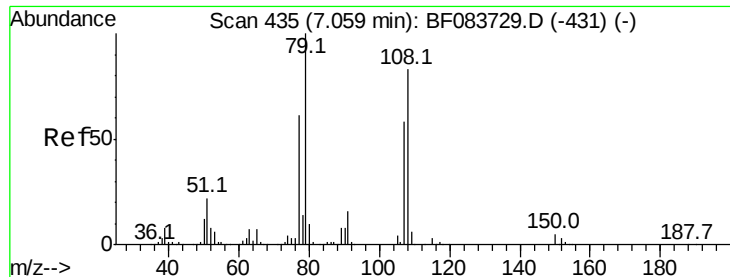


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.94 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

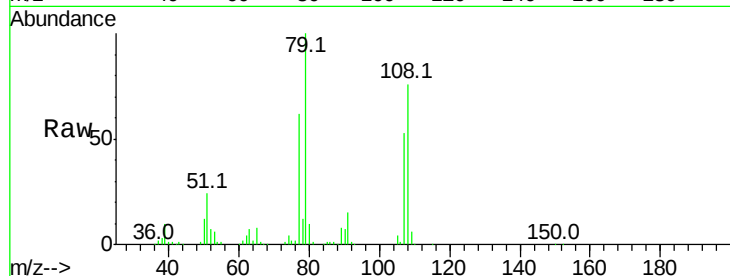
Tot Ion: 79 Resp: 243419

Ion Ratio Lower Upper

79 100

108 75.6 59.6 89.4

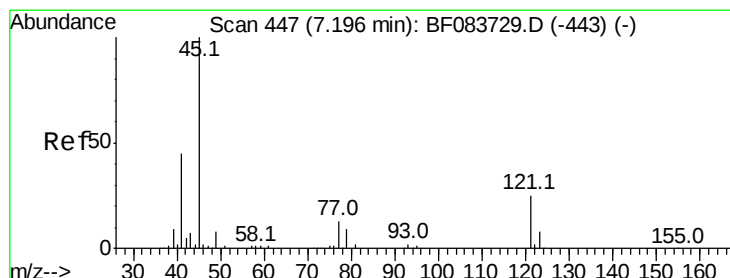
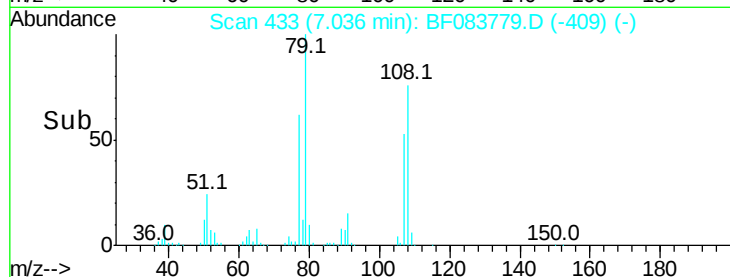
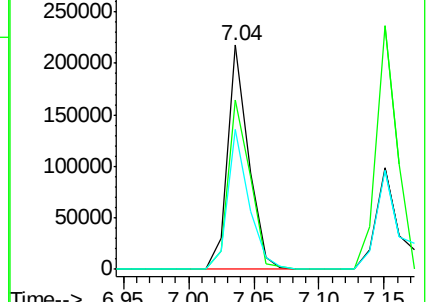
77 62.5 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.64 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

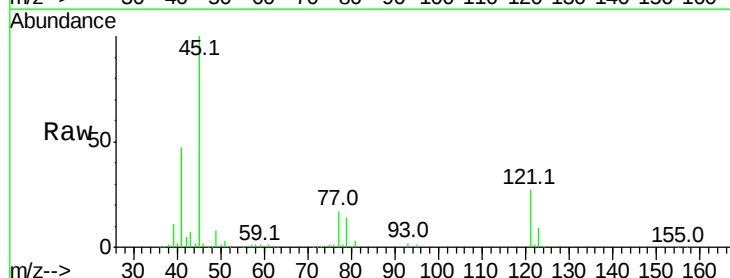
Tgt Ion: 45 Resp: 316860

Ion Ratio Lower Upper

45 100

77 17.1 12.8 52.8

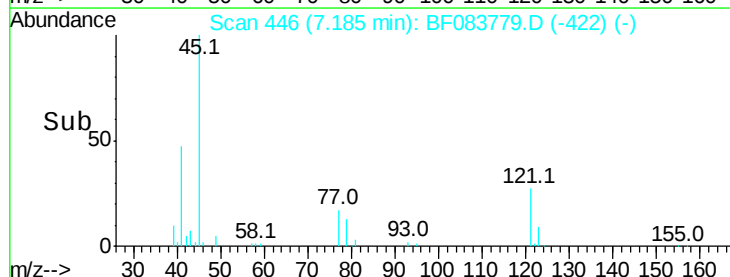
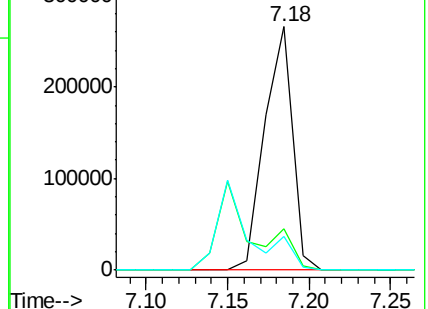
79 13.6 10.7 50.7

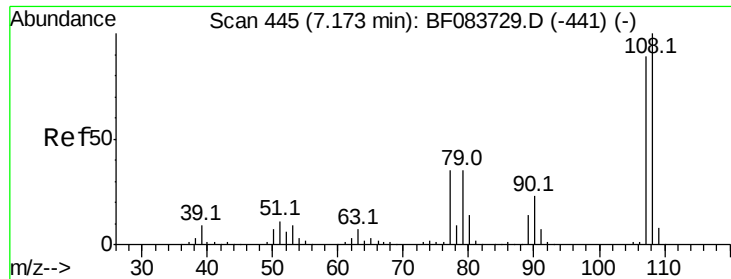


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

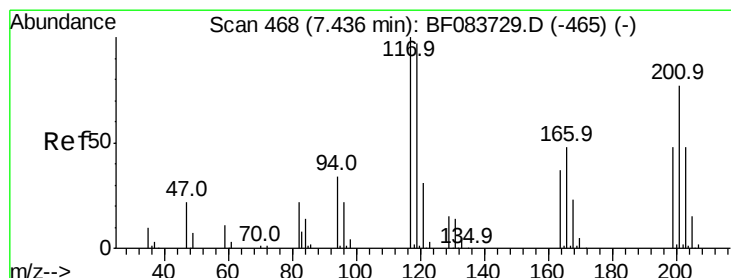
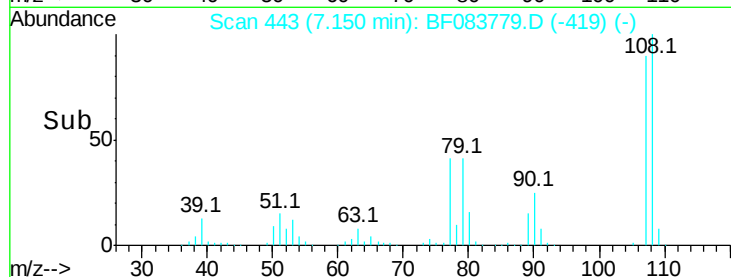
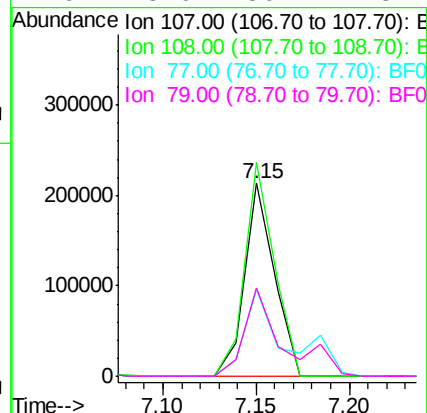
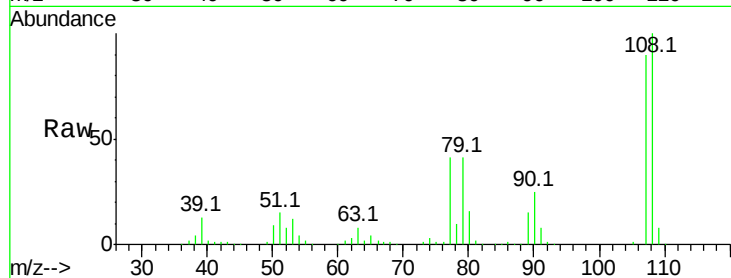




#17
2-Methylphenol
Concen: 35.29 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

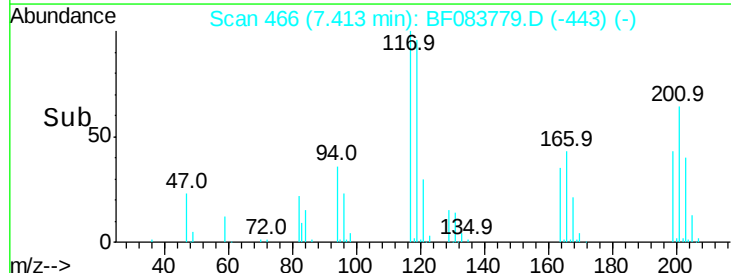
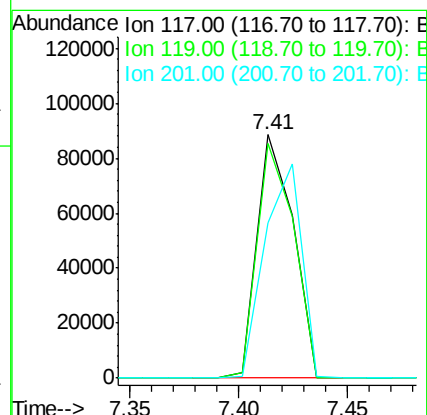
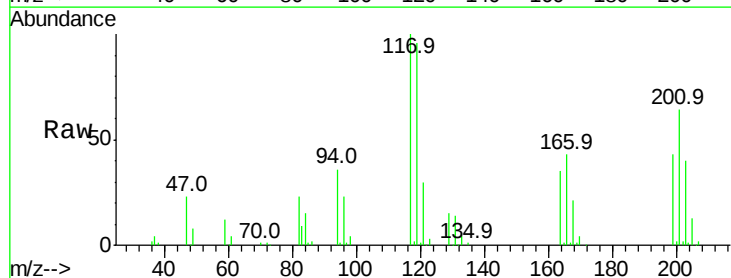
Instrument :
BNA_F
ClientSampleId :
PB87254BS

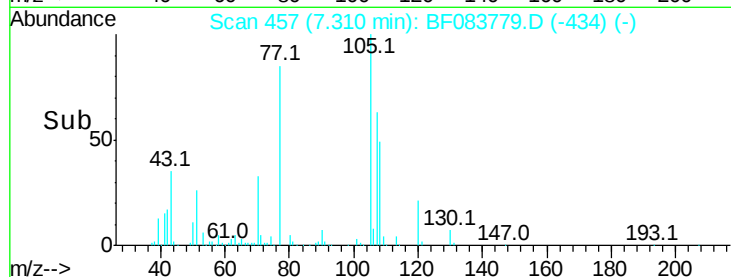
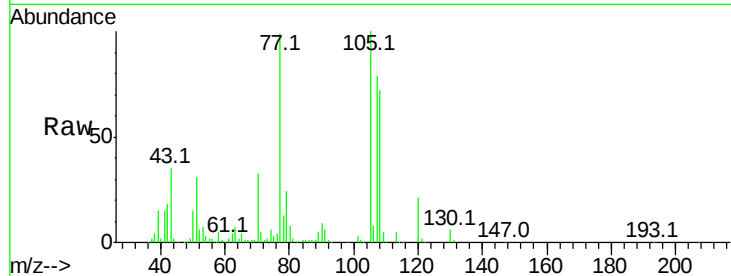
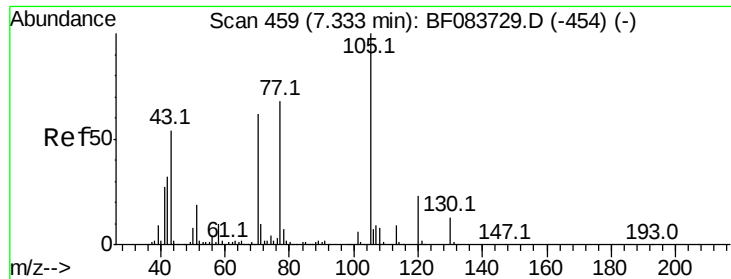
Tot Ion:107 Resp: 236191
Ion Ratio Lower Upper
107 100
108 110.7 91.6 137.4
77 45.2 53.7 80.5#
79 45.9 50.2 75.4#



#18
Hexachloroethane
Concen: 32.49 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt Ion:117 Resp: 103004
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8
201 63.9 86.8 130.2#

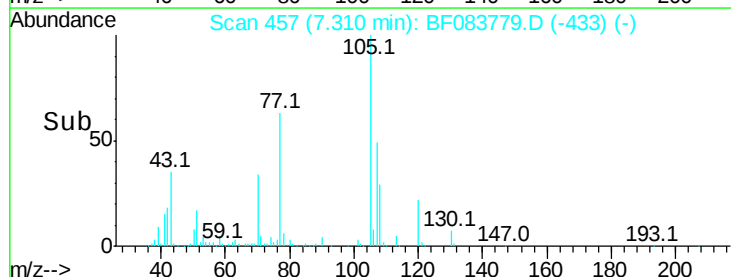
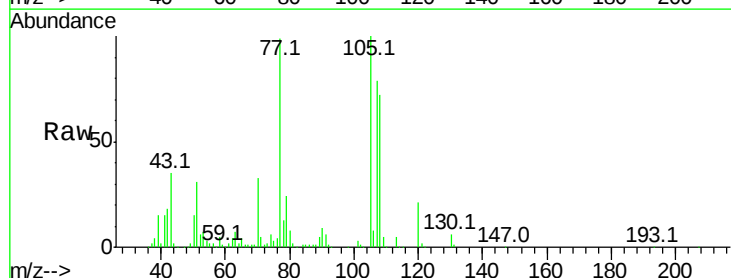
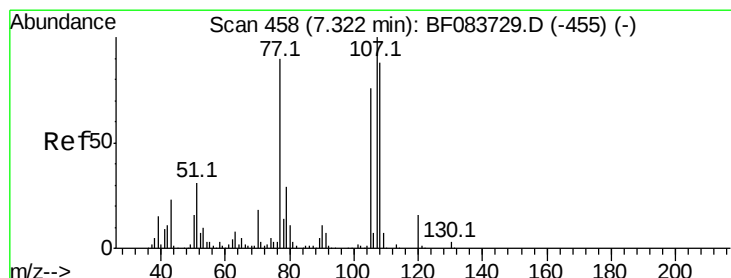
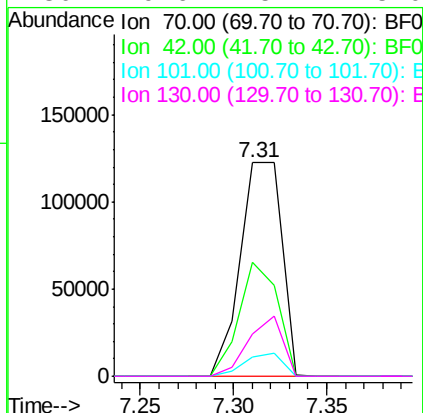




#19
n-Nitroso-di-n-propylamine
Concen: 34.57 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

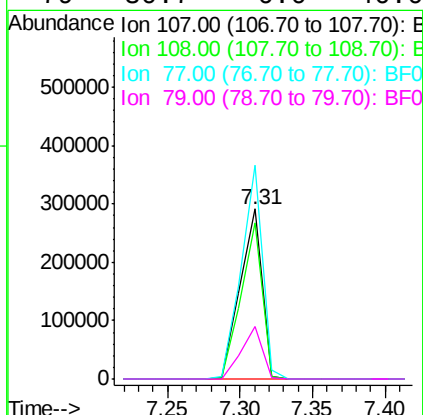
Instrument :
BNA_F
ClientSampleId :
PB87254BS

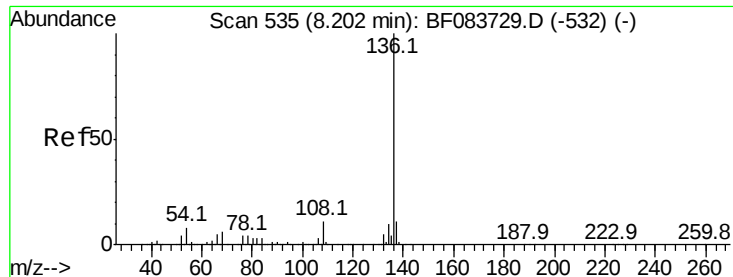
Tot Ion:	70	Resp:	189868
Ion	Ratio	Lower	Upper
70	100		
42	53.6	49.2	73.8
101	9.0	7.1	10.7
130	19.6	15.4	23.0



#20
3+4-Methylphenols
Concen: 38.77 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt Ion:	107	Resp:	306321
Ion	Ratio	Lower	Upper
107	100		
108	92.0	65.2	105.2
77	125.5	15.2	55.2#
79	30.7	6.0	46.0

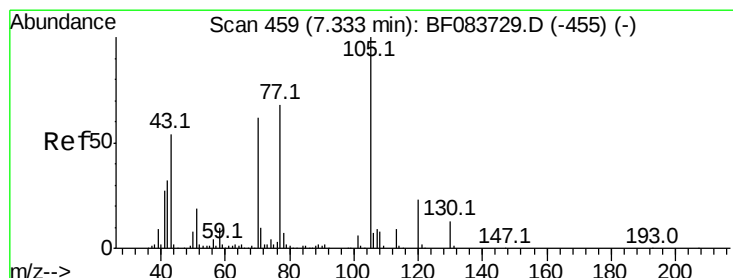
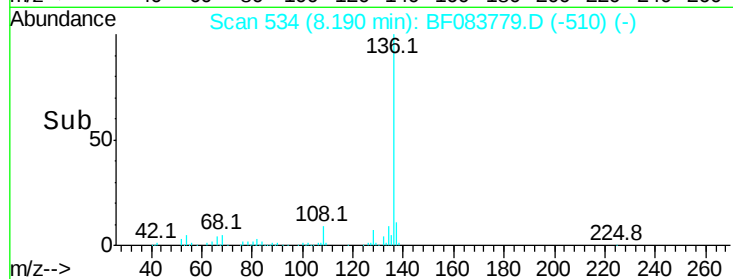
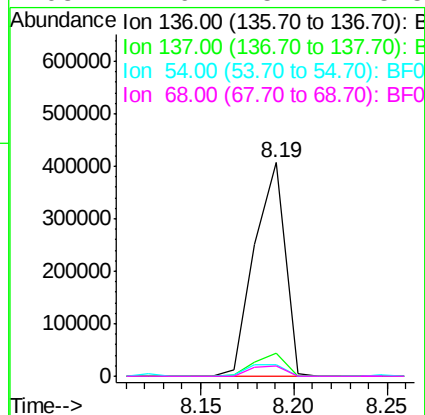
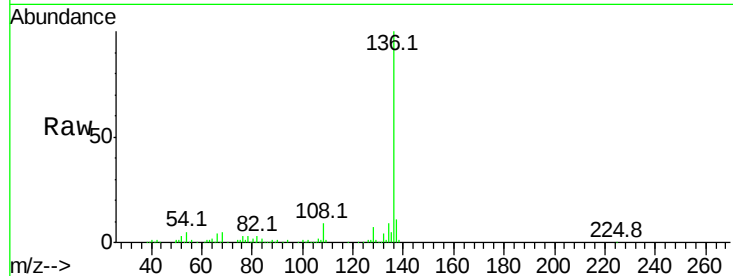




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

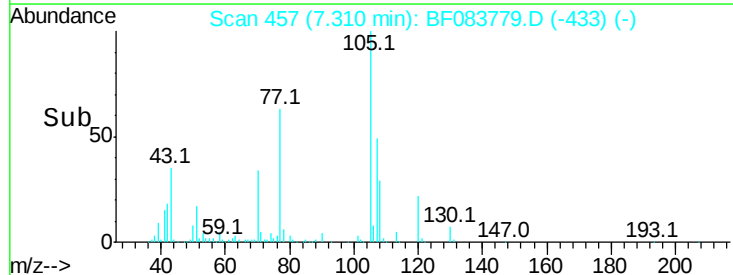
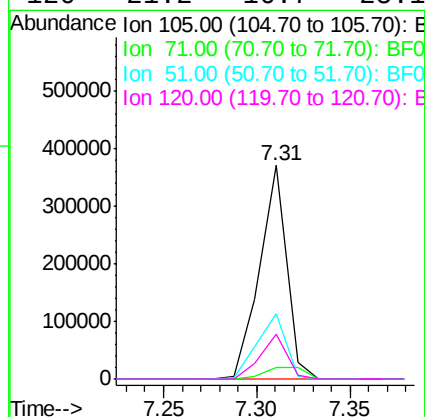
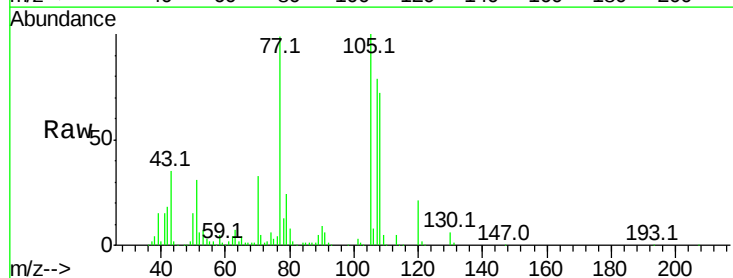
Instrument :
BNA_F
ClientSampleId :
PB87254BS

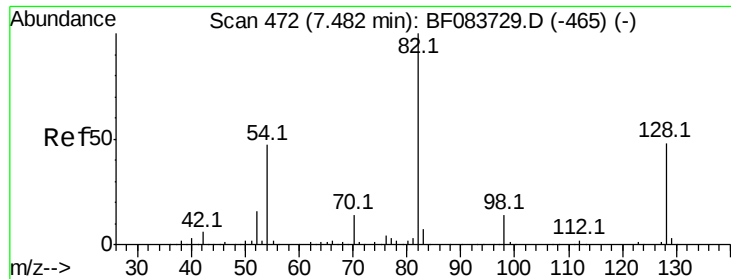
Tot Ion:136	Resp: 462948
Ion Ratio	Lower Upper
136 100	
137 10.8	8.7 13.1
54 5.1	7.8 11.6#
68 4.6	5.7 8.5#



#22
Acetophenone
Concen: 32.67 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt	Ion:105	Resp:	371008
Ion	Ratio	Lower	Upper
105	100		
71	5.3	1.3	1.9#
51	30.6	23.8	35.8
120	21.2	16.7	25.1

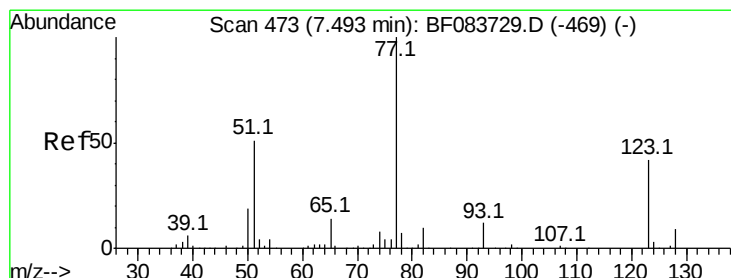
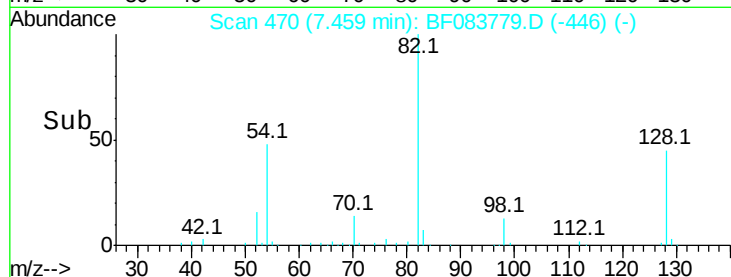
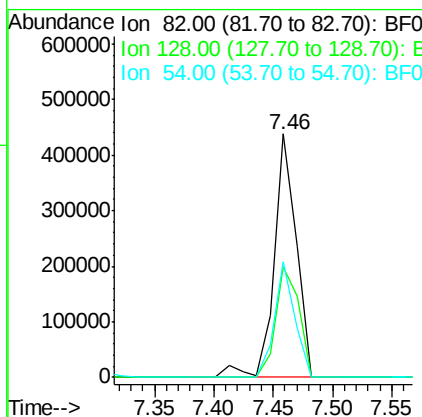
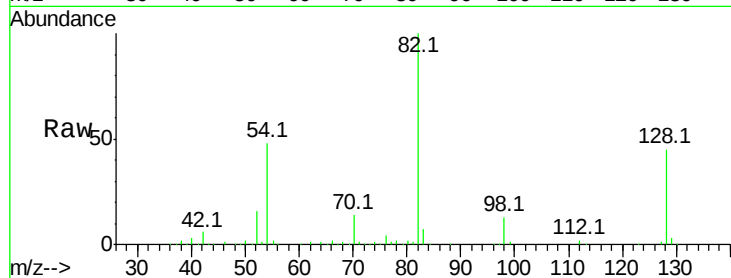




#23
 Nitrobenzene-d5
 Concen: 67.88 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

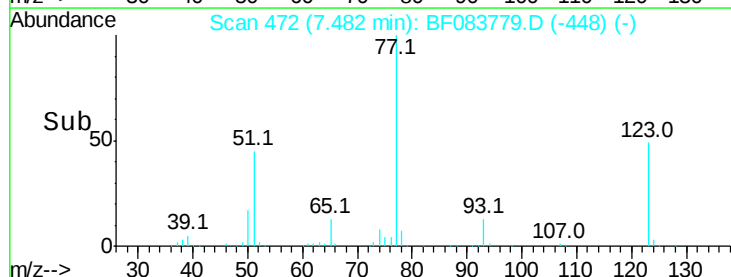
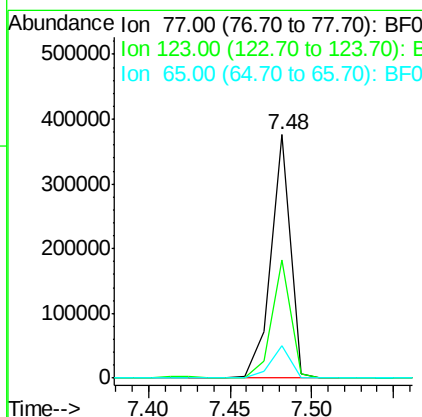
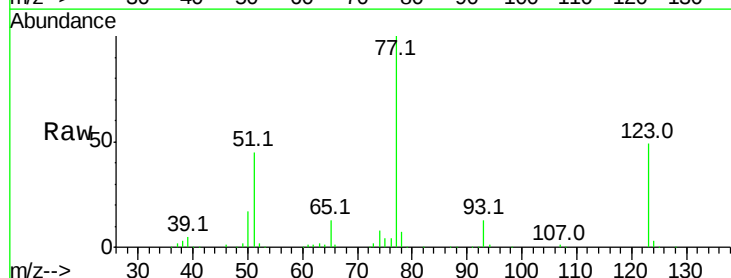
Instrument :
 BNA_F
 ClientSampled :
 PB87254BS

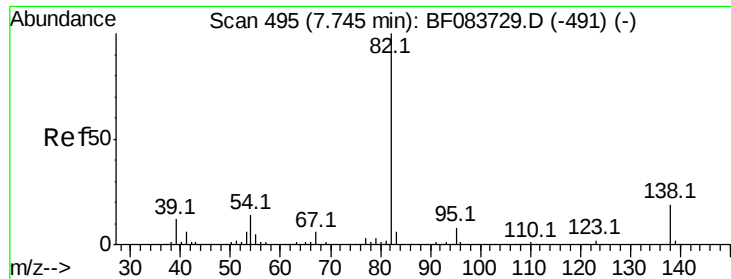
Tot Ion	82	Resp	561726
Ion	Ratio	Lower	Upper
82	100		
128	45.3	30.7	46.1
54	47.5	42.5	63.7



#24
 Nitrobenzene
 Concen: 36.45 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Tgt Ion	77	Resp	313969
Ion	Ratio	Lower	Upper
77	100		
123	48.8	29.8	44.6#
65	13.2	11.1	16.7





#25

Isophorone

Concen: 32.77 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

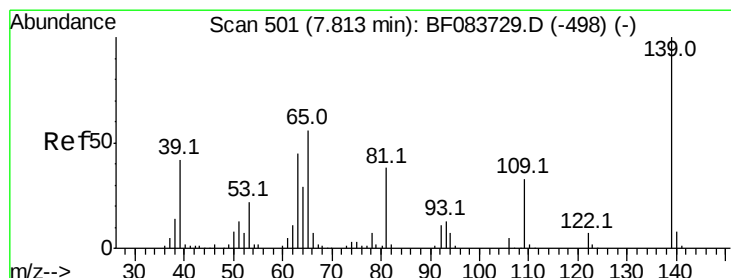
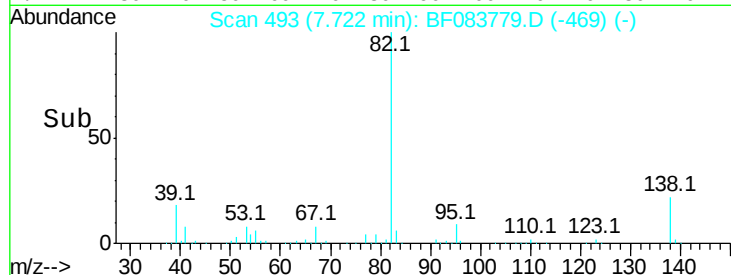
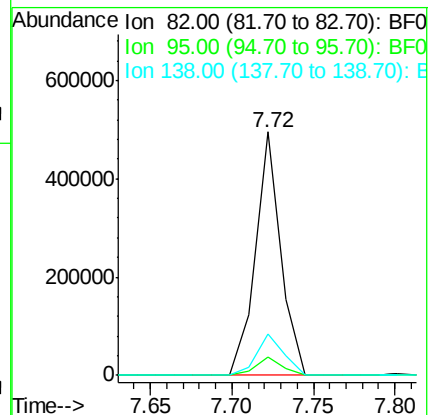
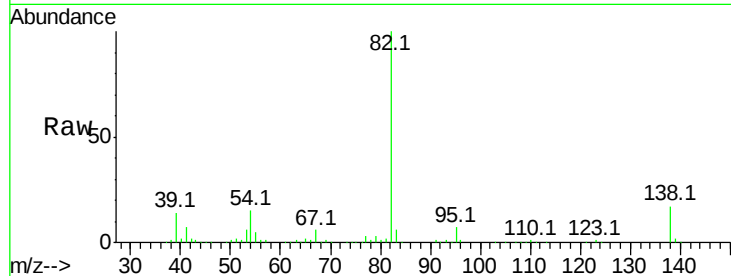
Tot Ion: 82 Resp: 532033

Ion Ratio Lower Upper

82 100

95 7.3 5.0 7.4

138 17.0 12.1 18.1



#26

2-Nitrophenol

Concen: 40.02 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

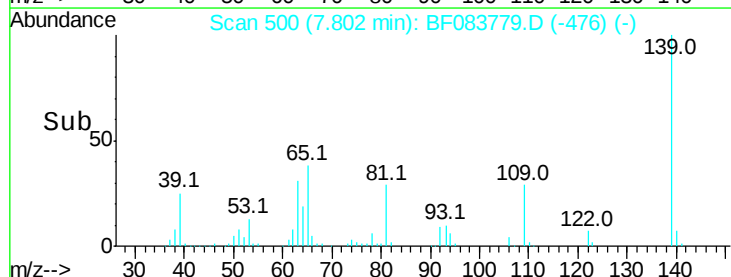
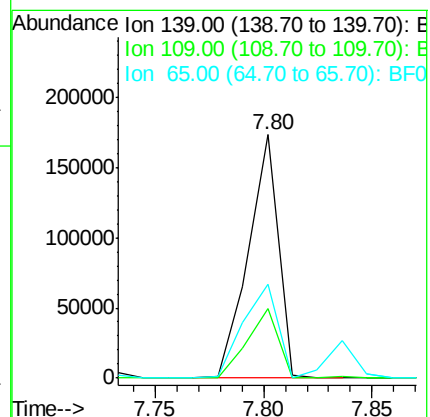
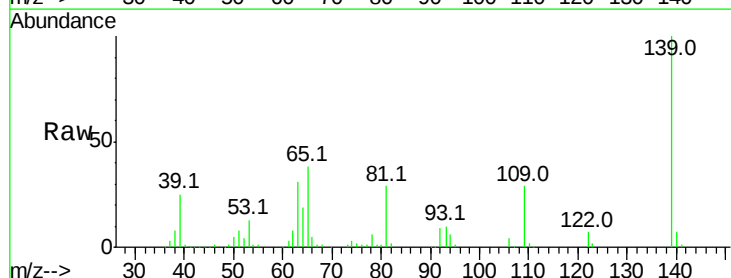
Tgt Ion: 139 Resp: 165559

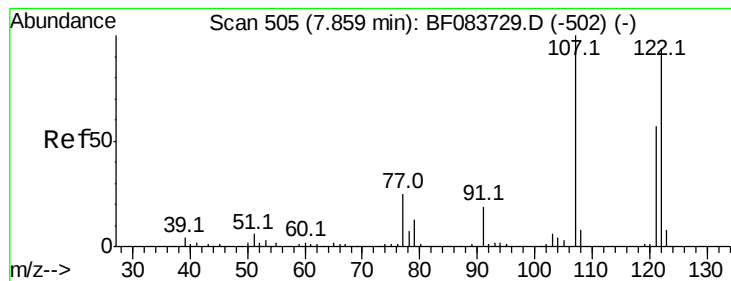
Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

65 38.3 51.8 77.8#





#27

2,4-Dimethylphenol

Concen: 32.94 ng/mL

RT: 7.84 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleID :

PB87254BS

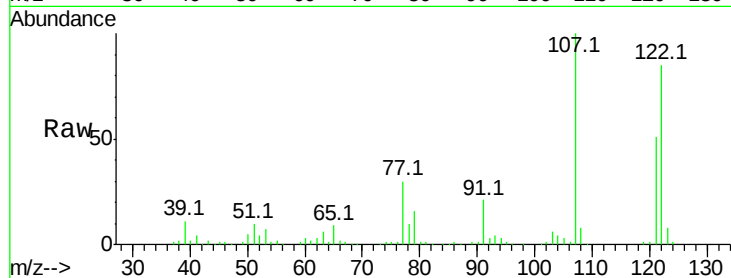
Tot Ion: 122 Resp: 267790

Ion Ratio Lower Upper

122 100

107 118.3 92.4 138.6

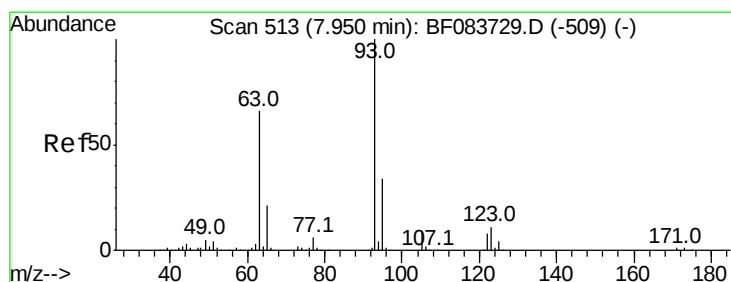
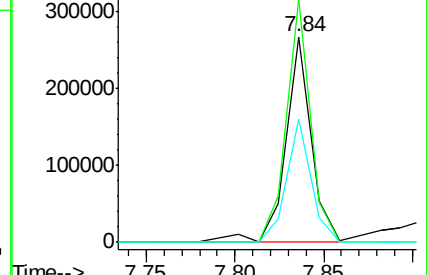
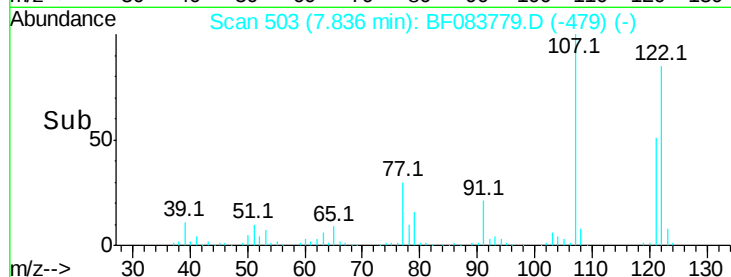
121 60.1 45.8 68.6



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: 37.11 ng/mL

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

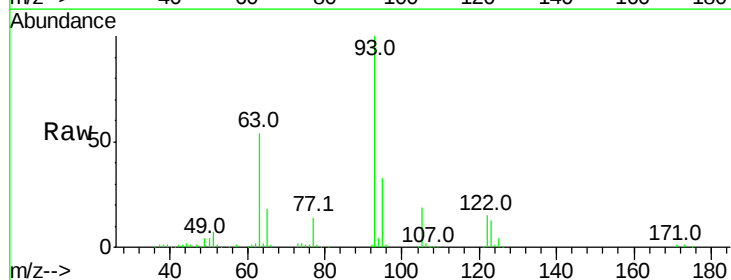
Tgt Ion: 93 Resp: 343796

Ion Ratio Lower Upper

93 100

95 32.5 25.6 38.4

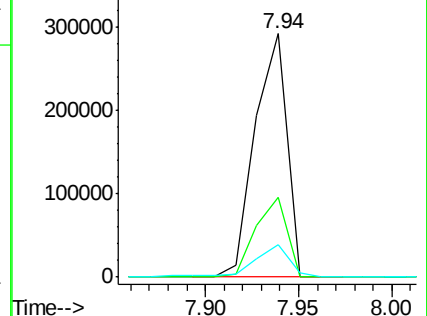
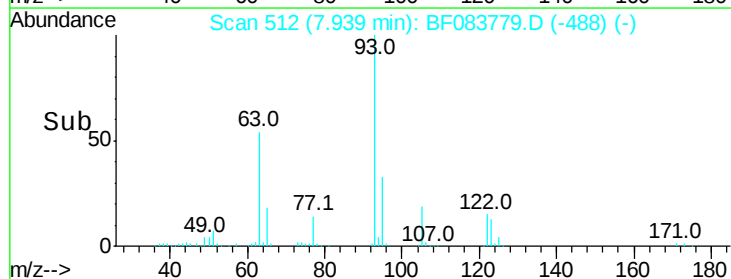
123 13.3 7.3 10.9#

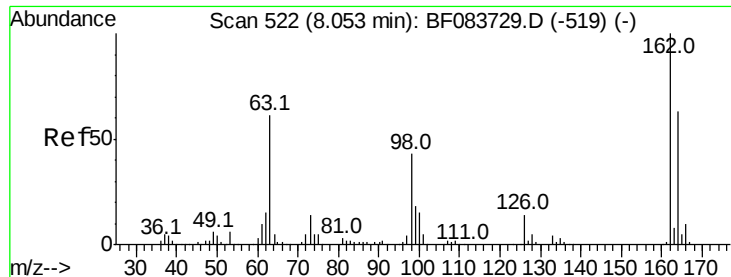


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

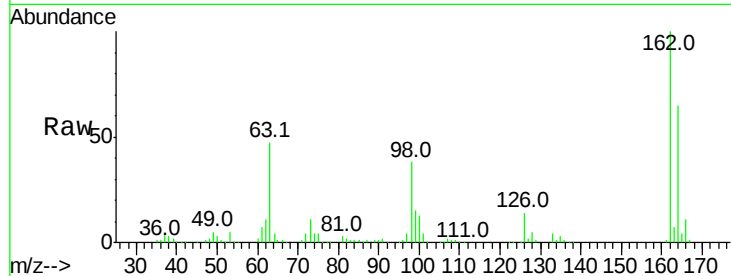




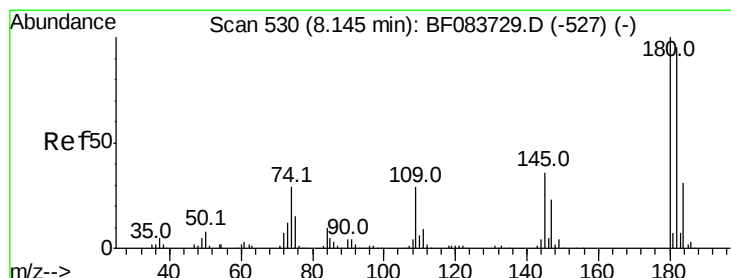
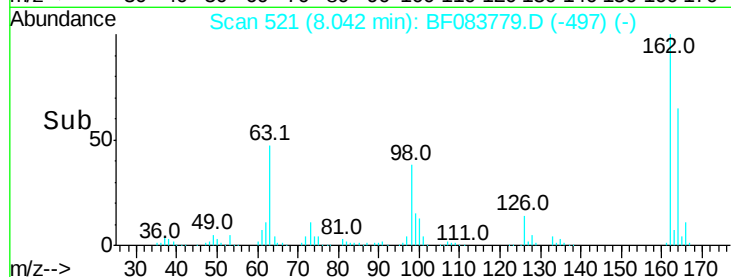
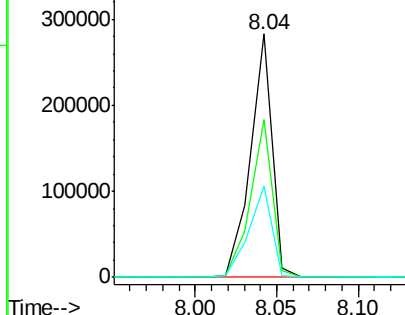
#29
 2,4-Dichlorophenol
 Concen: 39.23 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB87254BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.4	83.4
98	37.6	17.5	57.5

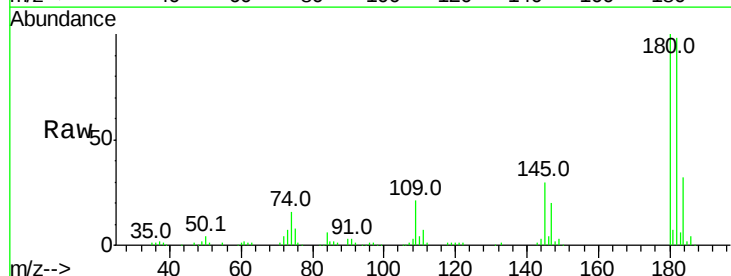


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

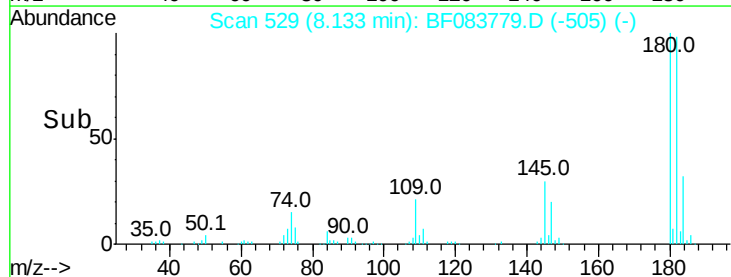
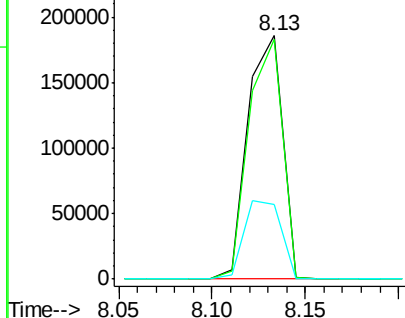


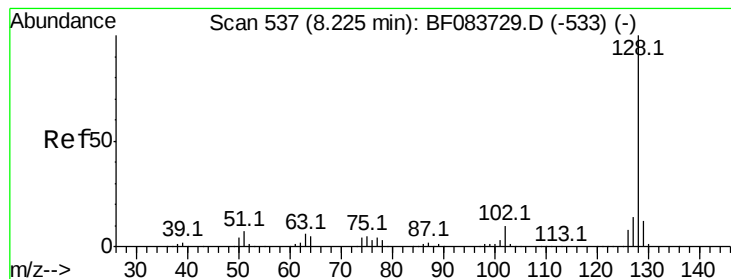
#30
 1,2,4-Trichlorobenzene
 Concen: 34.52 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	74.9	112.3
145	30.4	24.7	37.1



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





#31

Naphthalene

Concen: 35.03 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

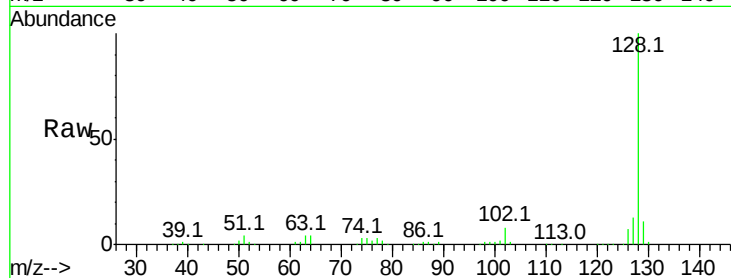
Tot Ion:128 Resp: 845266

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.3 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

8.21

600000

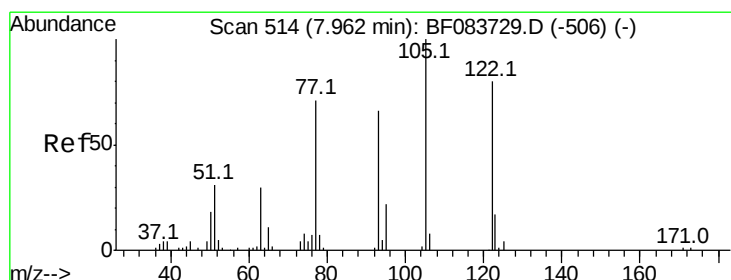
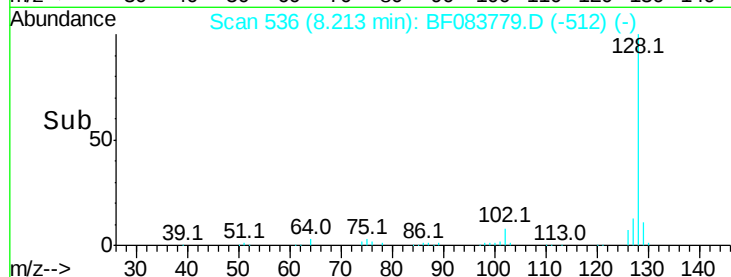
400000

200000

0

8.15 8.20 8.25

Time-->



#32

Benzoic acid

Concen: 35.54 ng m

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

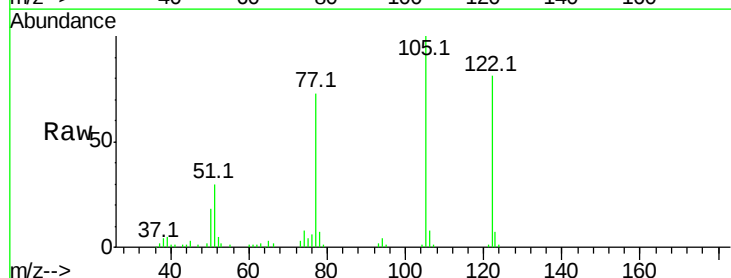
Tgt Ion:122 Resp: 180079

Ion Ratio Lower Upper

122 100

105 123.0 105.6 145.6

77 90.1 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

7.95

300000

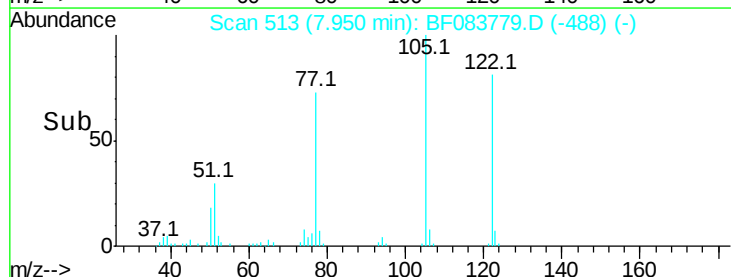
200000

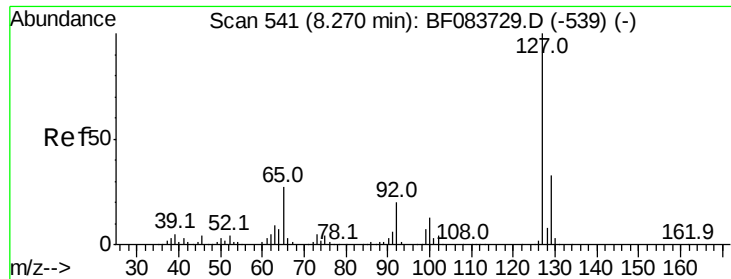
100000

0

7.80 7.90 8.00 8.10

Time-->

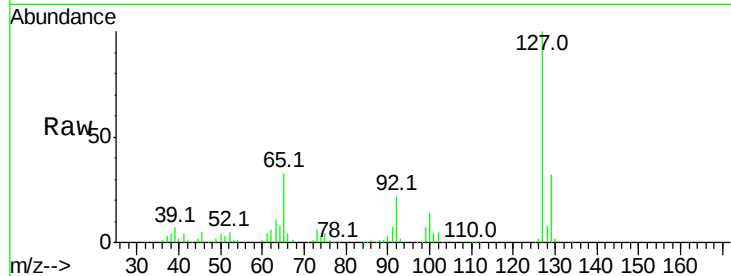




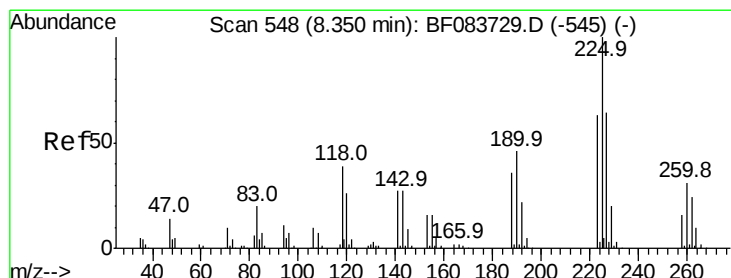
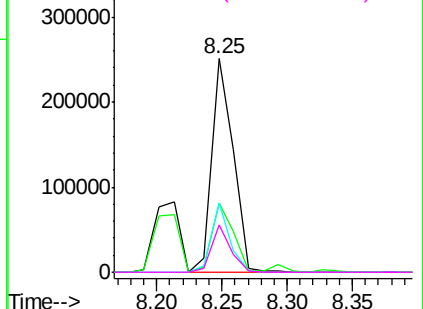
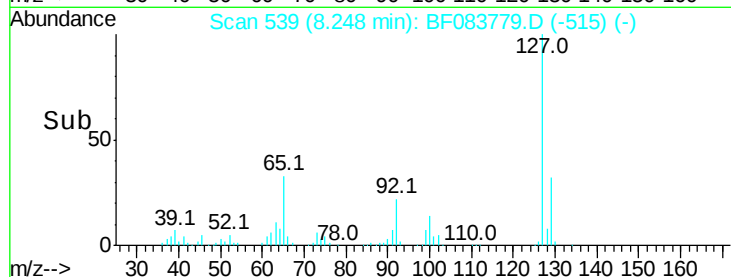
#33
4-Chloroaniline
Concen: 29.27 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Instrument :
BNA_F
ClientSampleId :
PB87254BS

Tot Ion:	127	Resp:	288491
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	32.7	33.5	50.3#
92	21.9	18.6	28.0

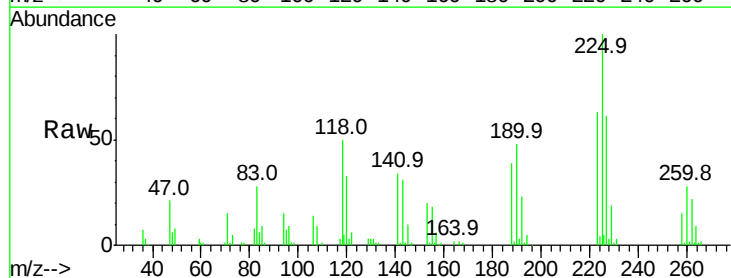


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

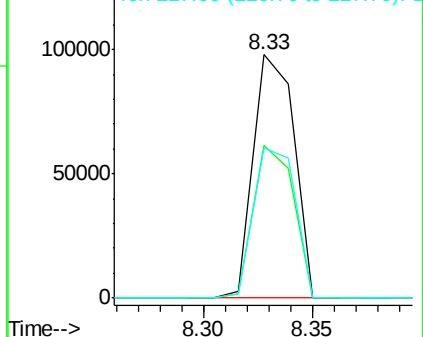
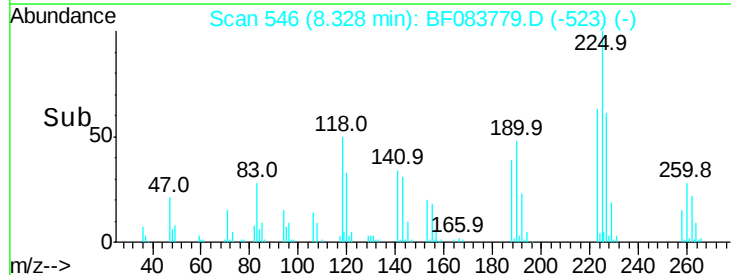


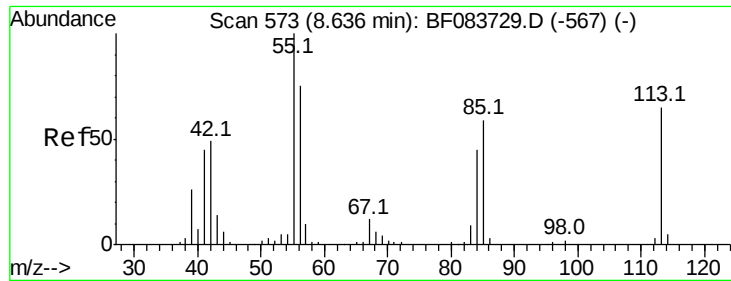
#34
Hexachlorobutadiene
Concen: 33.70 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt Ion:	225	Resp:	127992
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.3	78.5
227	61.4	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

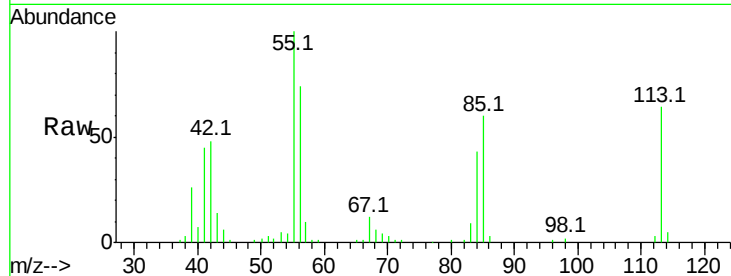




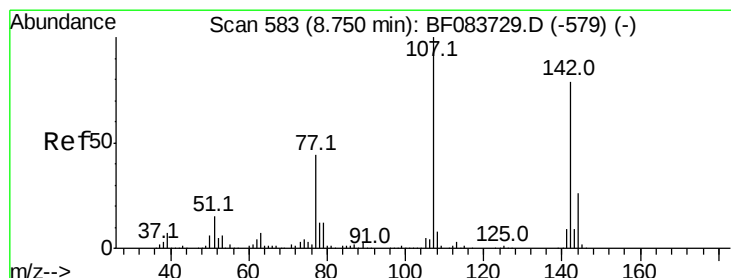
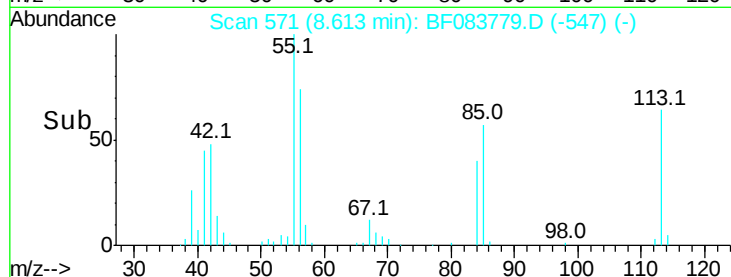
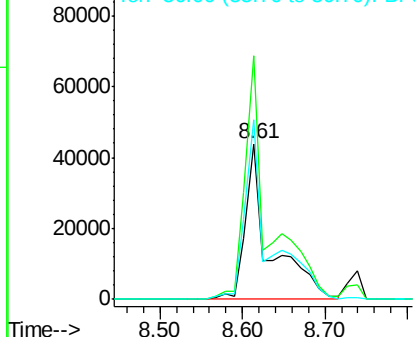
#35
 Caprolactam
 Concen: 41.66 ng/ml
 RT: 8.61 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB87254BS

Tot Ion:113 Resp: 89274
 Ion Ratio Lower Upper
 113 100
 55 156.5 189.7 229.7#
 56 115.8 130.7 170.7#

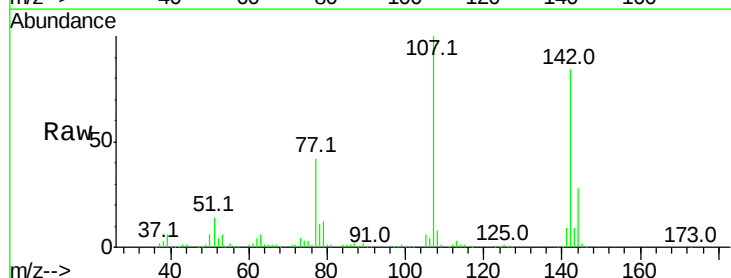


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

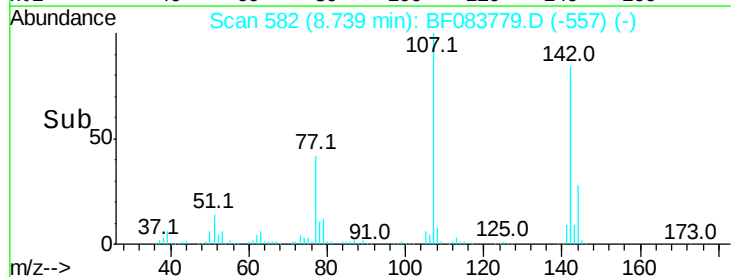
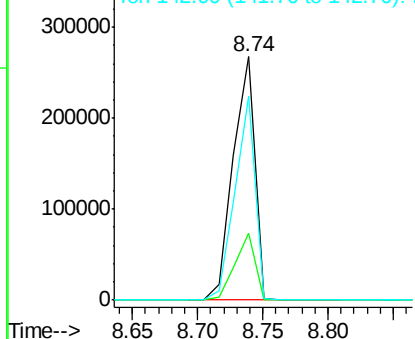


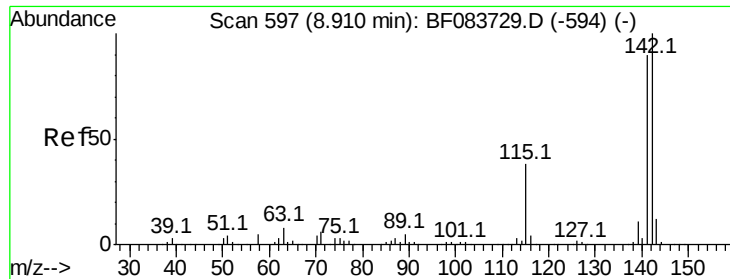
#36
 4-Chloro-3-methylphenol
 Concen: 39.43 ng/ml
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Tgt Ion:107 Resp: 307836
 Ion Ratio Lower Upper
 107 100
 144 27.6 17.5 26.3#
 142 83.5 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

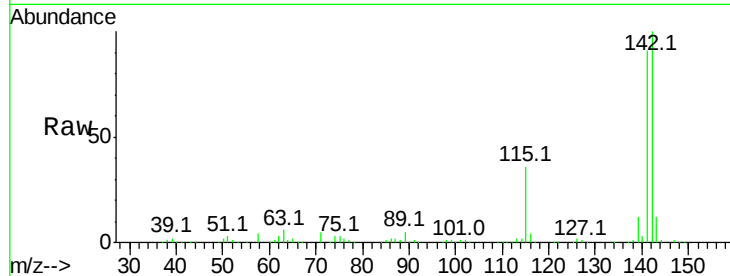




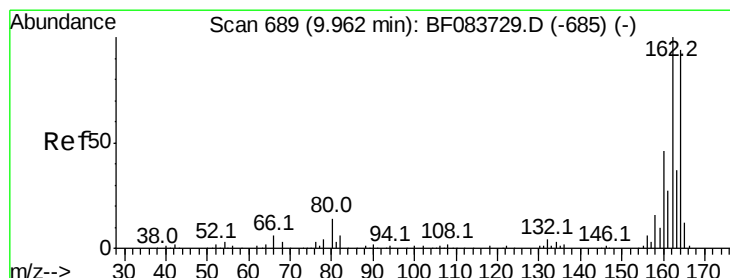
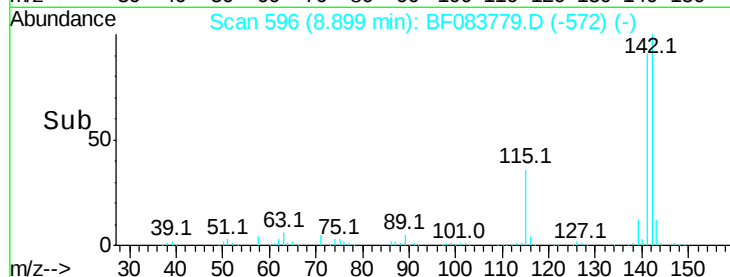
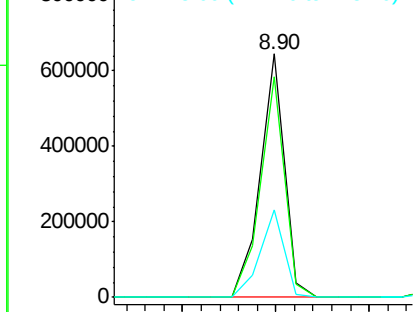
#37
2-Methylnaphthalene
Concen: 37.98 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Instrument :
BNA_F
ClientSampleId :
PB87254BS

Tot Ion:142 Resp: 575442
Ion Ratio Lower Upper
142 100
141 90.6 70.3 105.5
115 36.1 29.2 43.8

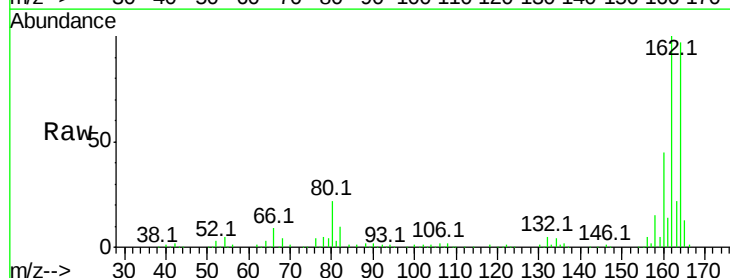


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

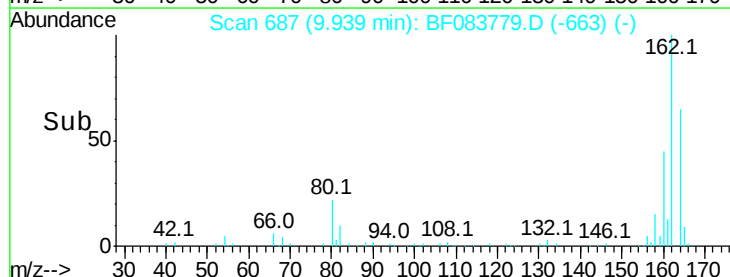
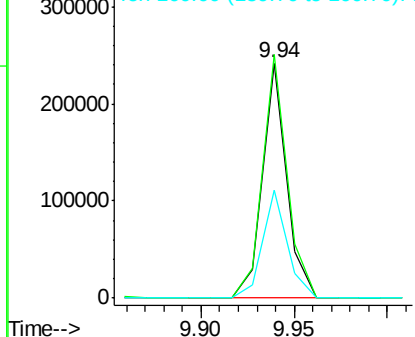


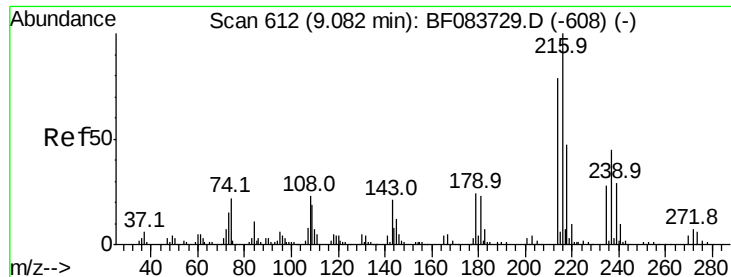
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt Ion:164 Resp: 219807
Ion Ratio Lower Upper
164 100
162 103.5 78.8 118.2
160 46.1 33.4 50.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.77 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

Tot Ion:216 Resp: 244898

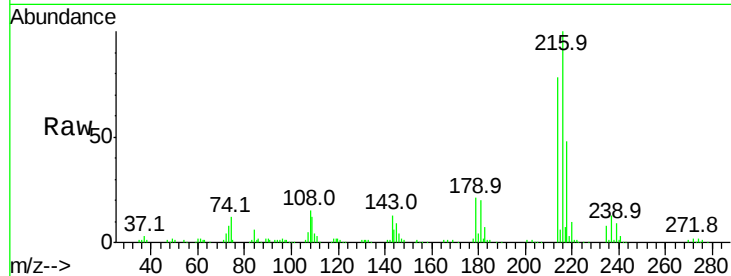
Ion Ratio Lower Upper

216 100

214 78.8 0.0 0.0#

179 22.2 0.0 0.0#

108 21.4 0.0 0.0#

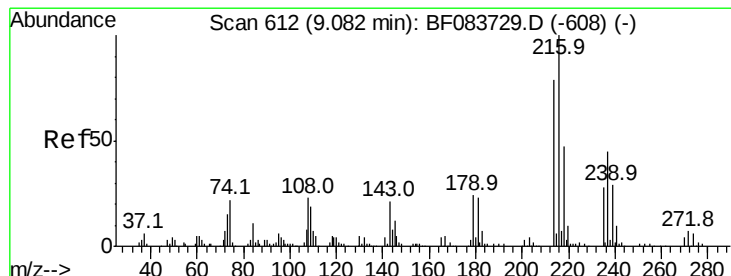
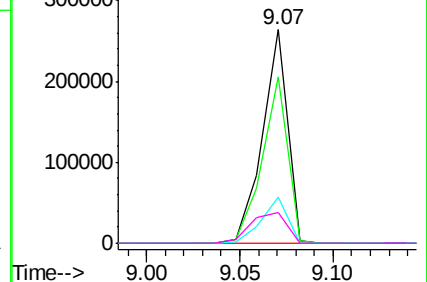
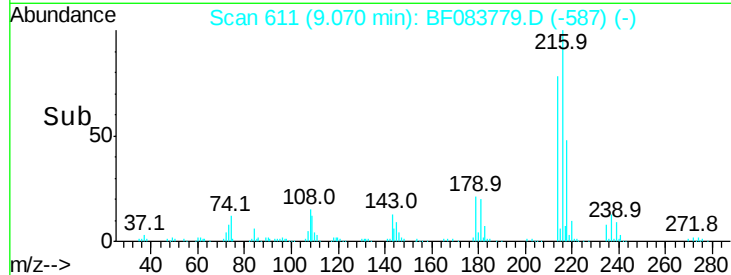


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.02 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

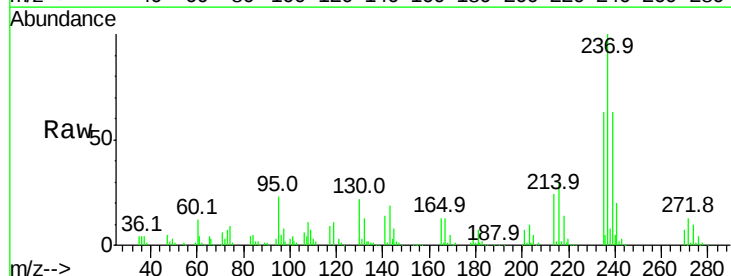
Tgt Ion:237 Resp: 249791

Ion Ratio Lower Upper

237 100

235 63.1 43.9 83.9

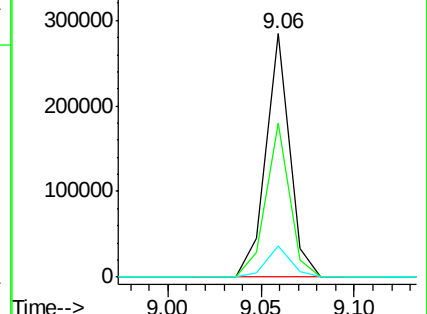
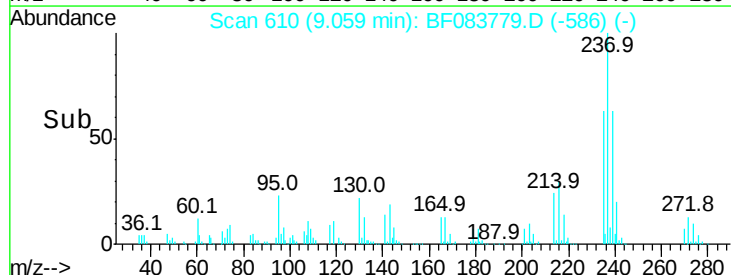
272 12.8 0.0 31.8

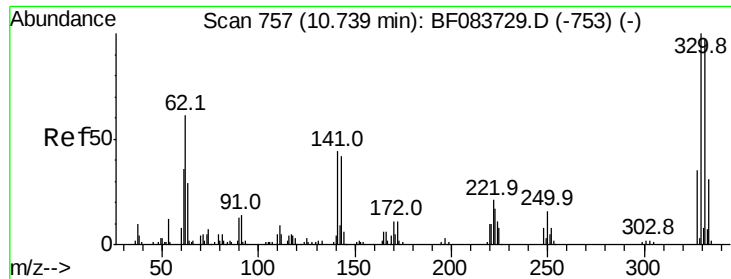


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

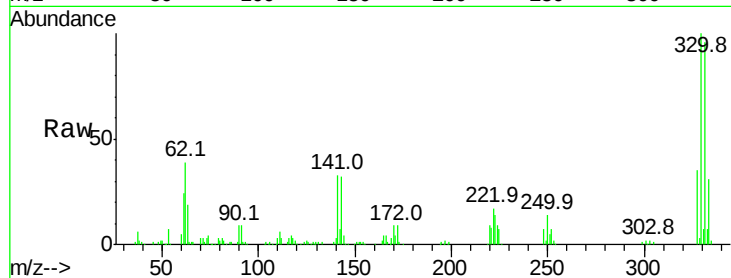




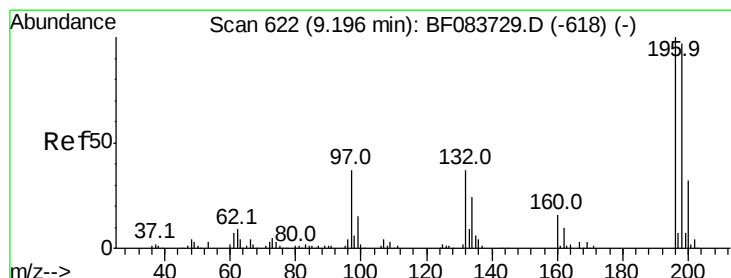
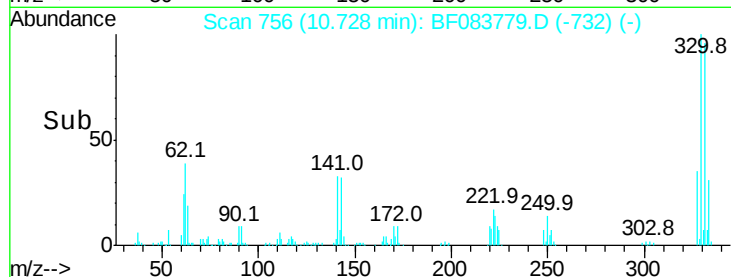
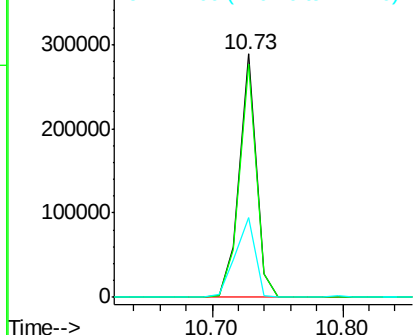
#41
 2,4,6-Tribromophenol
 Concen: 116.31 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB87254BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	38.2	0.0	0.0#

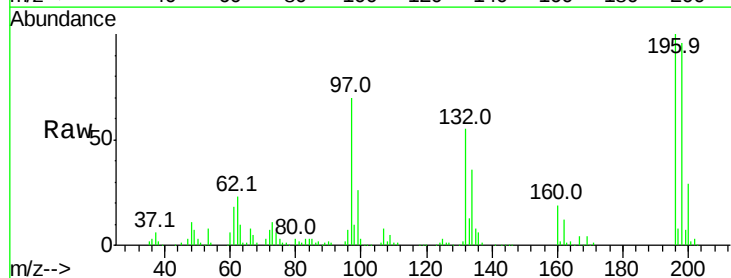


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

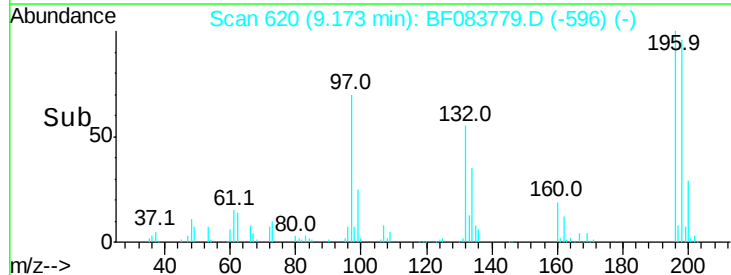
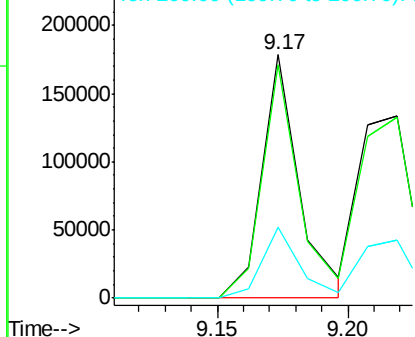


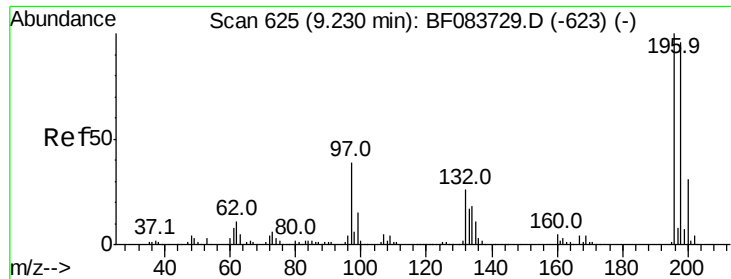
#42
 2,4,6-Trichlorophenol
 Concen: 37.52 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.2	112.8
200	29.0	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

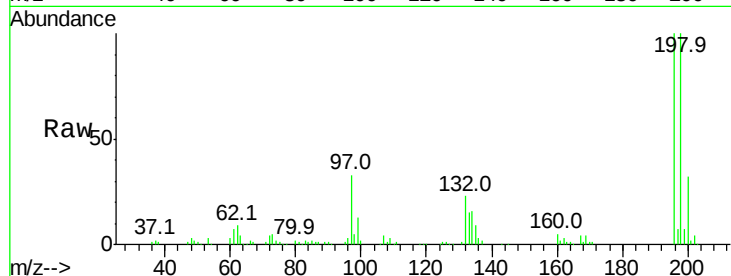




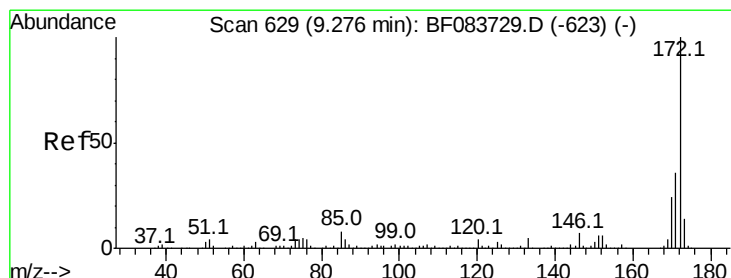
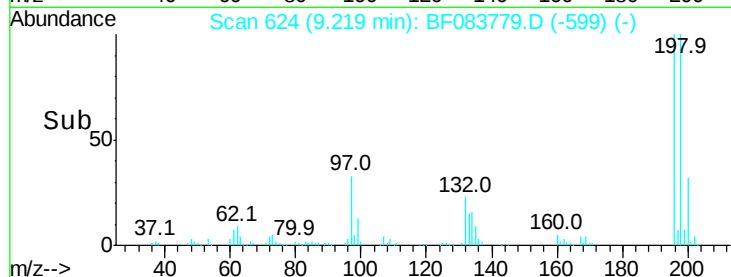
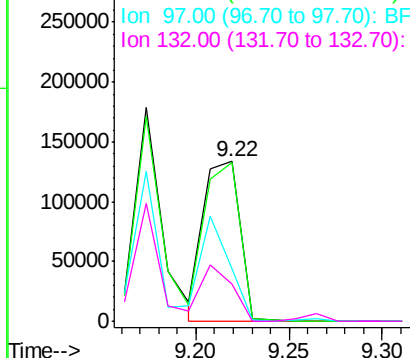
#43
 2,4,5-Trichlorophenol
 Concen: 40.14 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB87254BS

Tot Ion:	196	Resp:	180744
Ion	Ratio	Lower	Upper
196	100		
198	99.6	77.7	116.5
97	33.1	41.2	61.8#
132	23.4	21.8	32.8

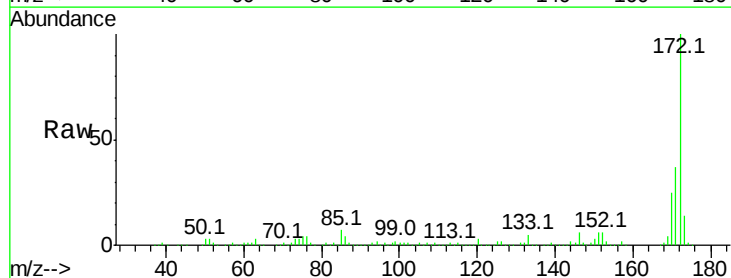


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

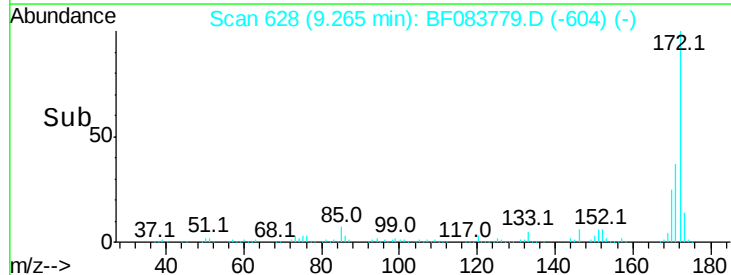
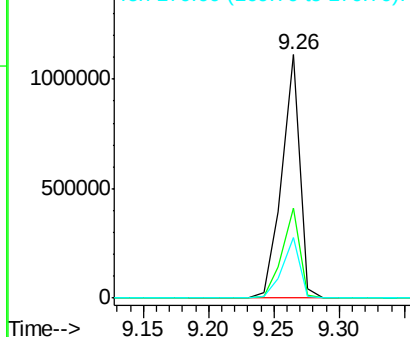


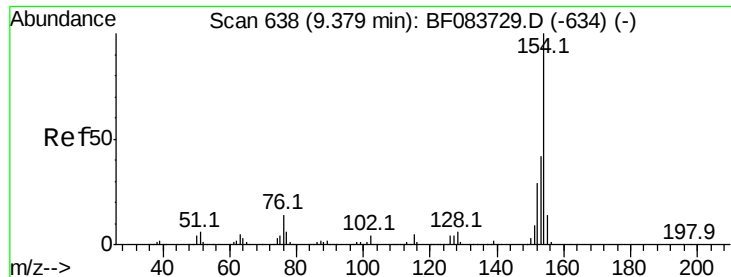
#44
 2-Fluorobiphenyl
 Concen: 67.90 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Tgt Ion:	172	Resp:	1081029
Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	42.8
170	24.7	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: 36.35 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

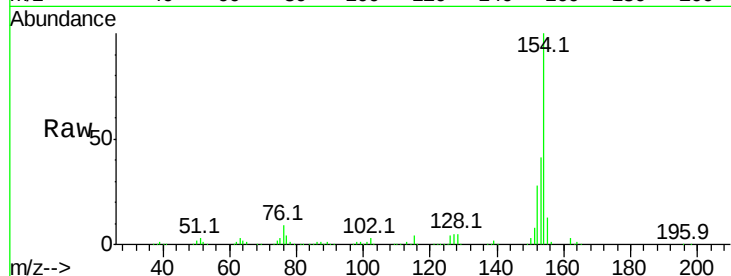
Tot Ion:154 Resp: 708034

Ion Ratio Lower Upper

154 100

153 41.1 20.2 60.2

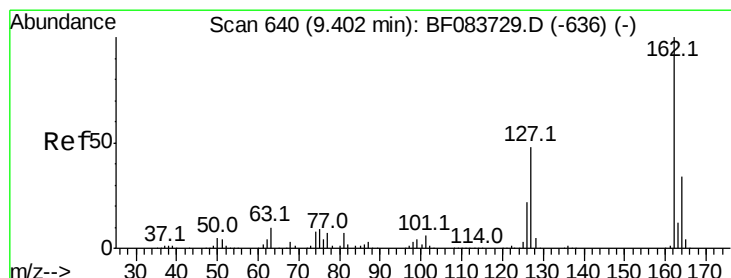
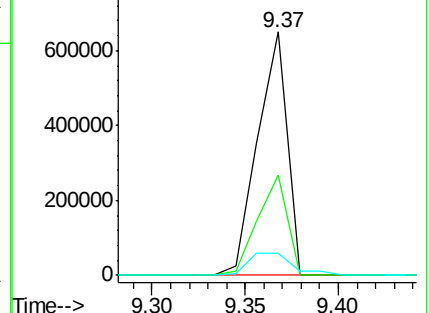
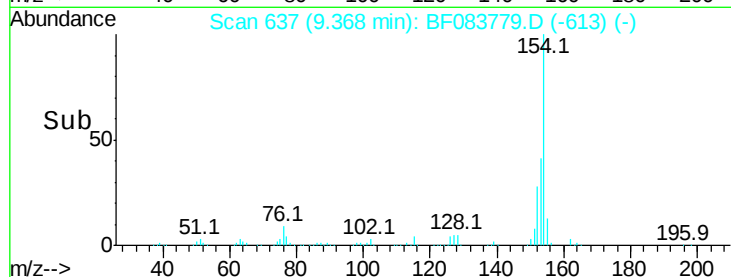
76 9.0 0.0 34.8



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: 38.09 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

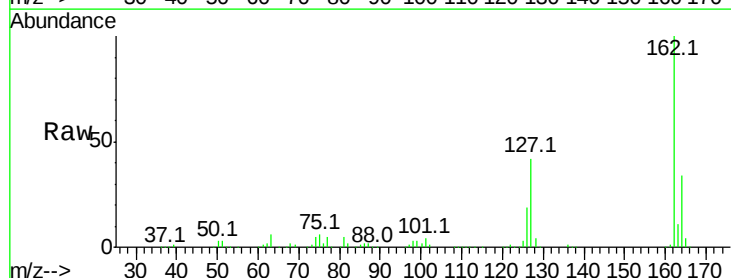
Tgt Ion:162 Resp: 547789

Ion Ratio Lower Upper

162 100

127 41.6 31.0 46.4

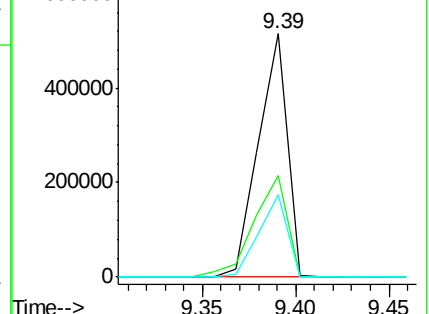
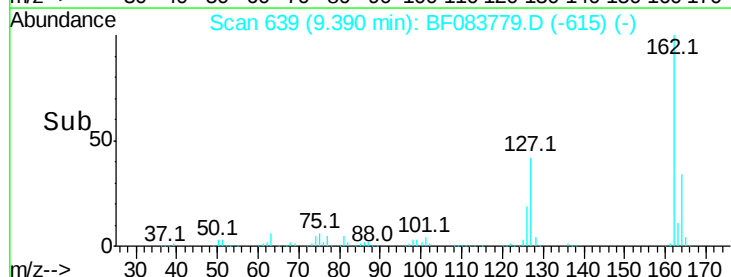
164 34.1 27.4 41.0

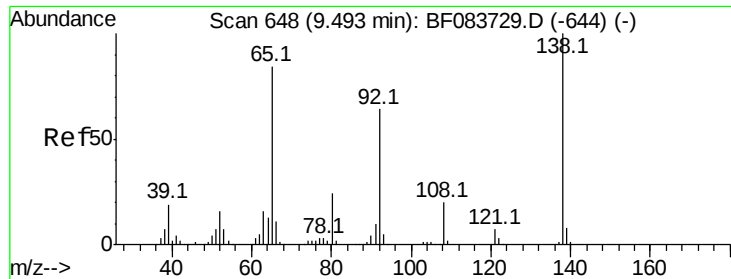


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

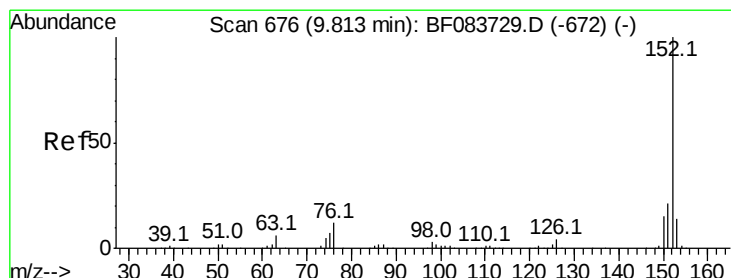
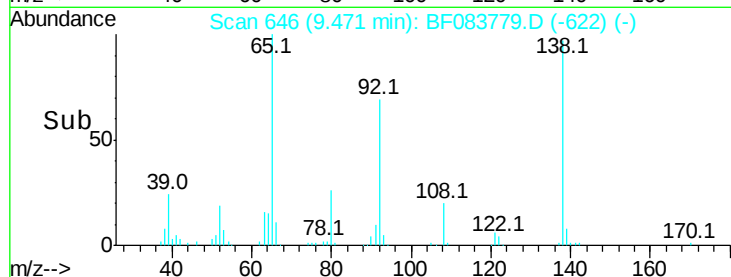
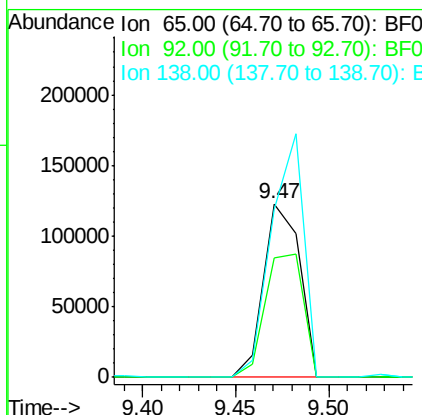
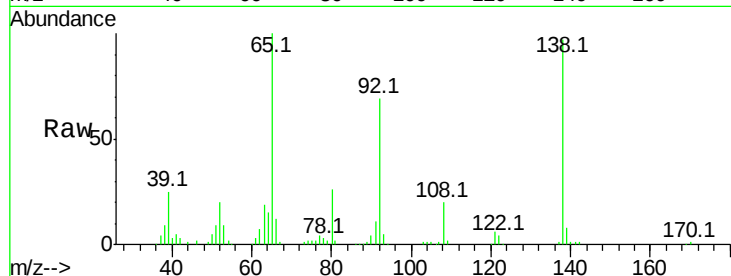




#47
2-Nitroaniline
Concen: 40.51 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

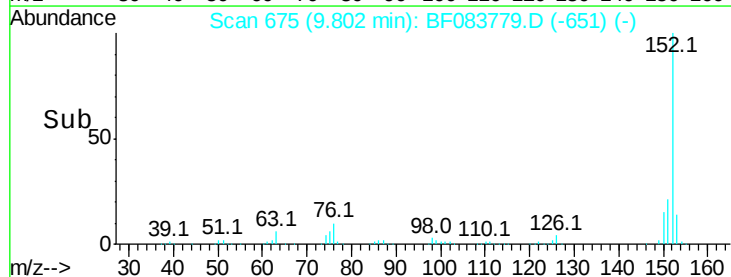
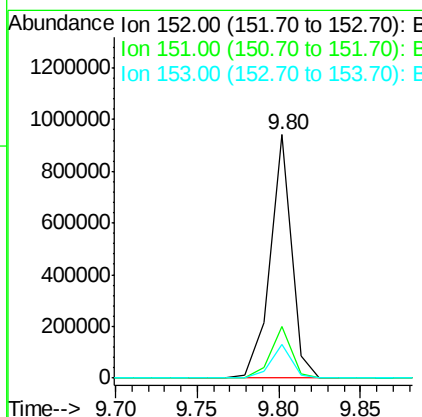
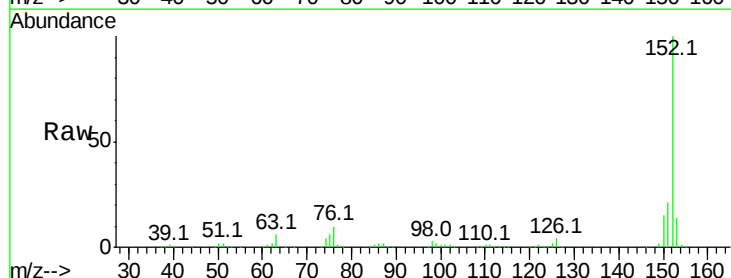
Instrument :
BNA_F
ClientSampleId :
PB87254BS

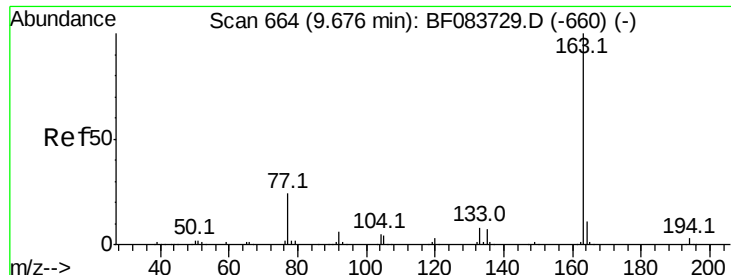
Tot Ion: 65 Resp: 165233
Ion Ratio Lower Upper
65 100
92 68.6 49.6 74.4
138 96.7 64.1 96.1#



#48
Acenaphthylene
Concen: 35.55 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt Ion: 152 Resp: 860150
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 13.8 10.8 16.2





#49

Dimethylphthalate

Concen: 39.34 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

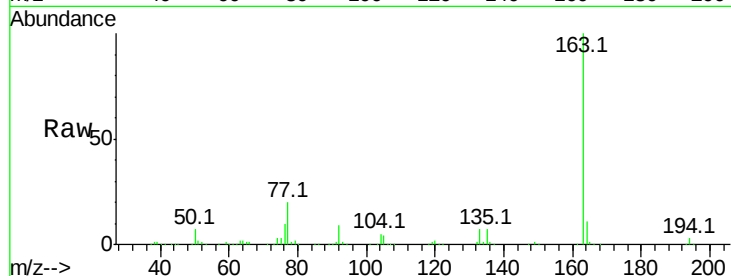
Tot Ion:163 Resp: 674143

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

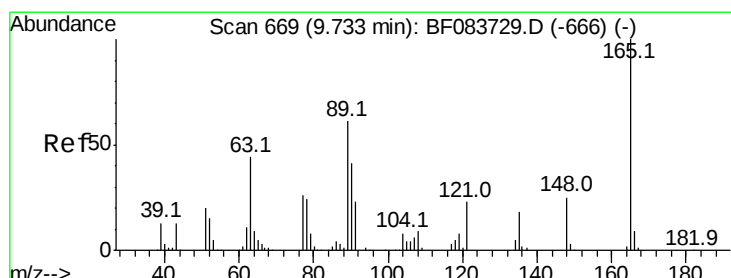
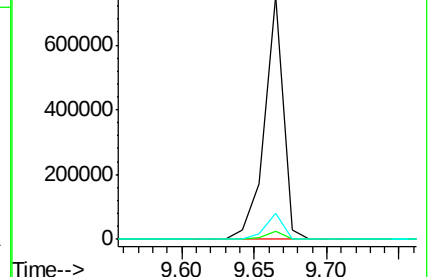
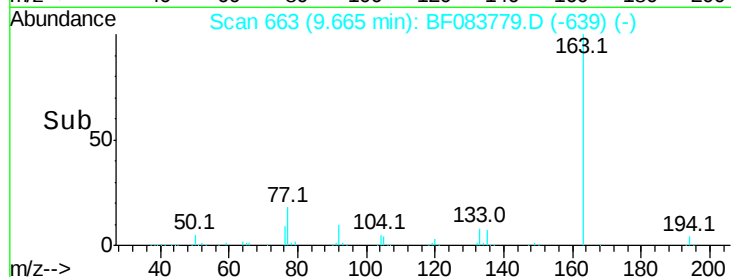
164 10.5 8.6 13.0



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: 43.95 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

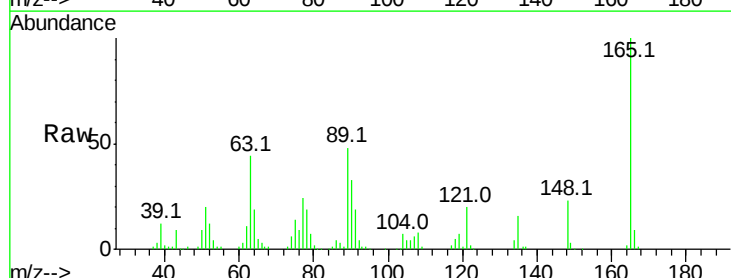
Tgt Ion:165 Resp: 159833

Ion Ratio Lower Upper

165 100

63 43.7 56.9 85.3#

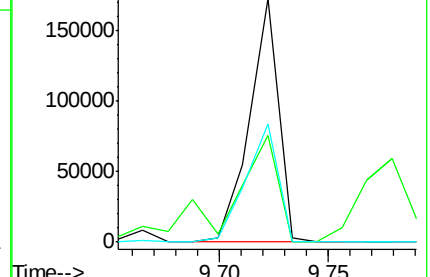
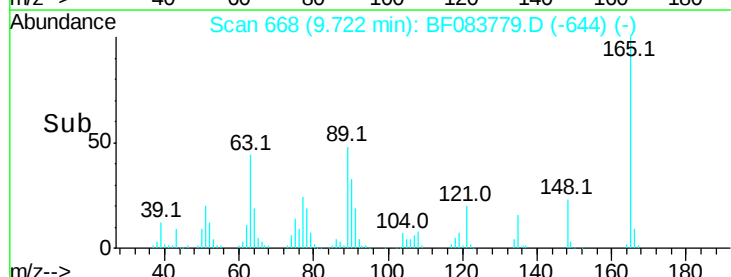
89 48.4 52.1 78.1#

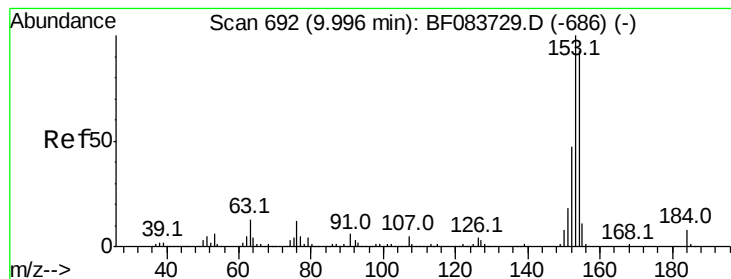


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.91 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

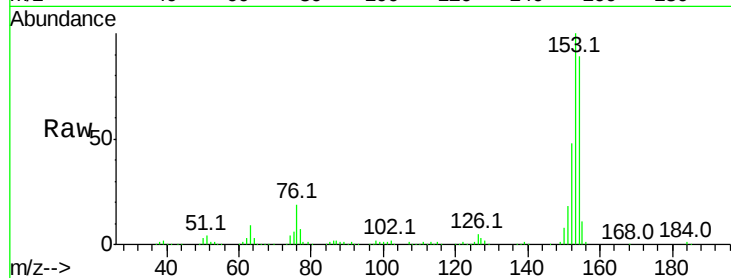
Tot Ion:154 Resp: 598301

Ion Ratio Lower Upper

154 100

153 112.0 91.4 137.0

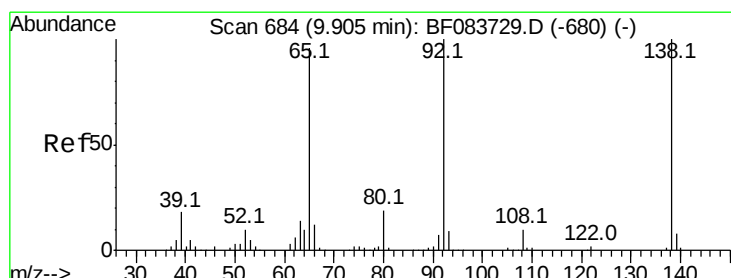
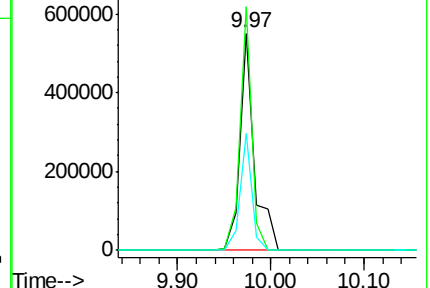
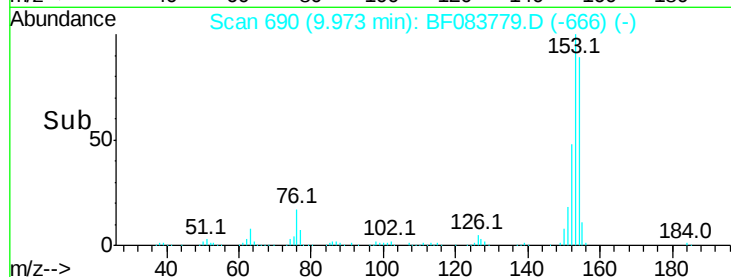
152 54.0 43.4 65.2



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: 29.25 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

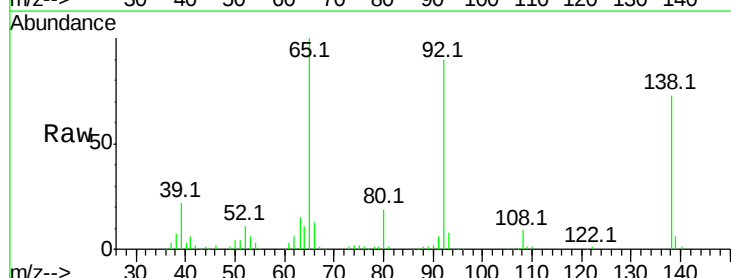
Tgt Ion:138 Resp: 122666

Ion Ratio Lower Upper

138 100

108 12.2 9.9 14.9

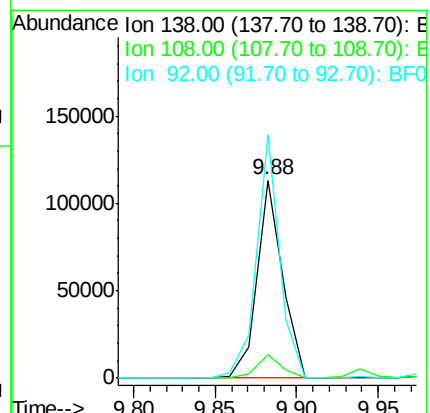
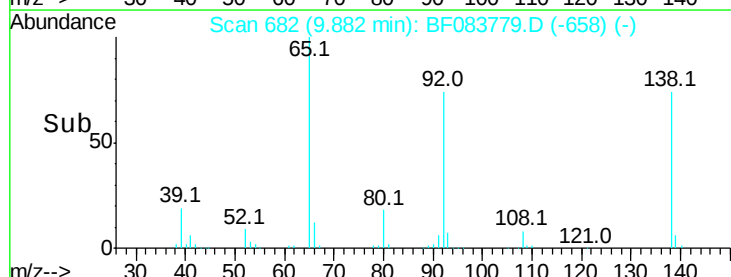
92 123.2 113.8 170.8

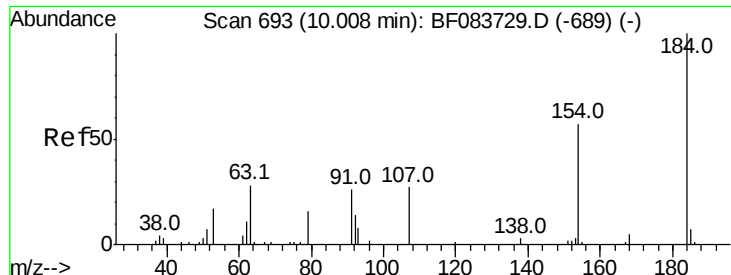


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

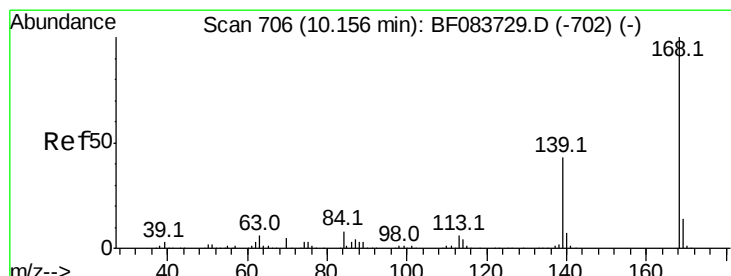
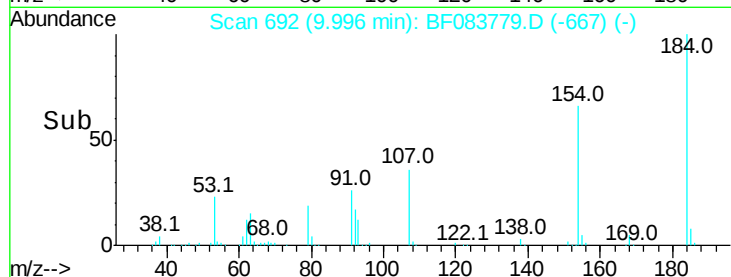
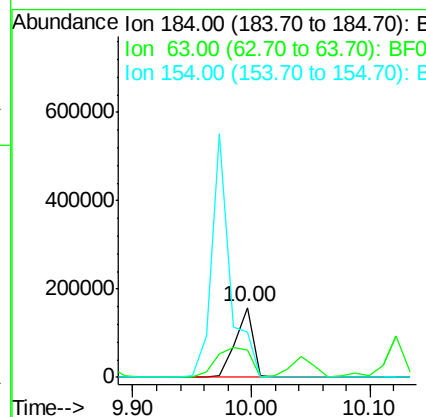
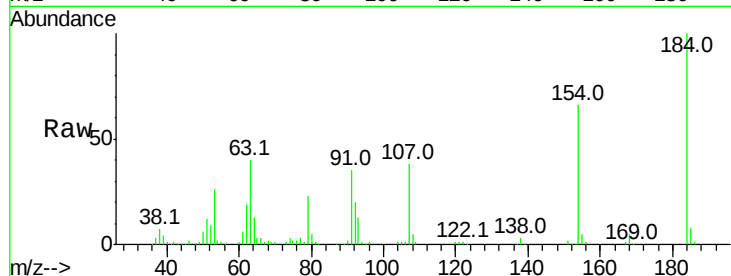




#53
 2,4-Dinitrophenol
 Concen: 82.68 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

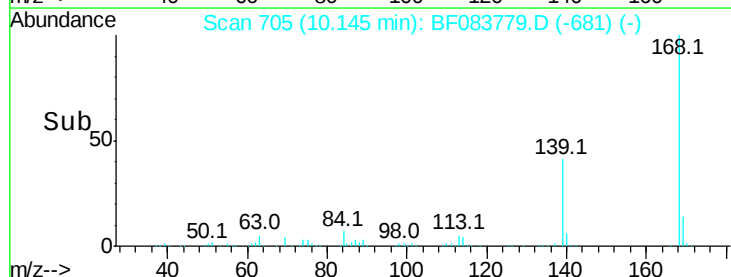
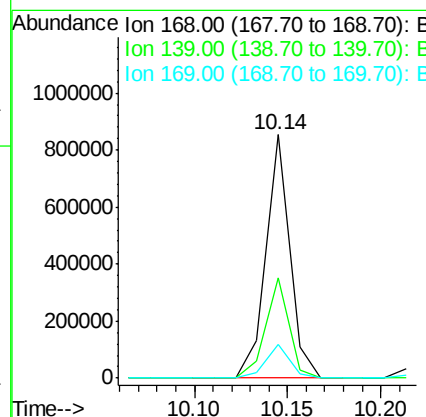
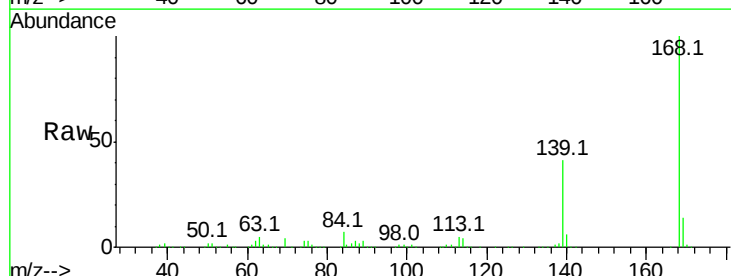
Instrument :
 BNA_F
 ClientSampleId :
 PB87254BS

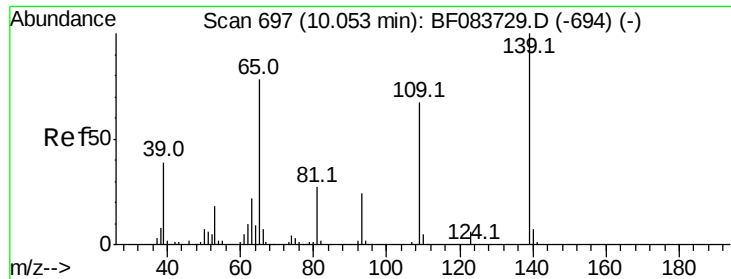
Tot Ion:184 Resp: 164740
 Ion Ratio Lower Upper
 184 100
 63 39.9 62.4 93.6#
 154 65.5 46.6 69.8



#54
 Dibenzofuran
 Concen: 38.79 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Tgt Ion:168 Resp: 751755
 Ion Ratio Lower Upper
 168 100
 139 41.0 28.0 42.0
 169 13.9 10.8 16.2

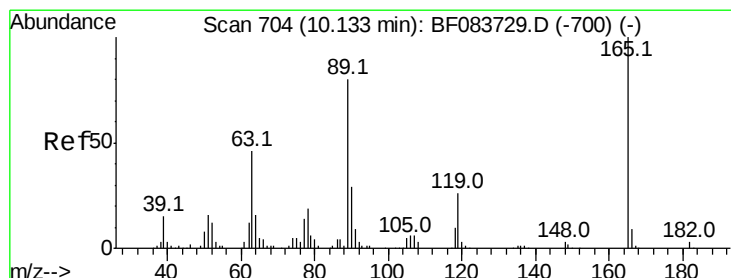
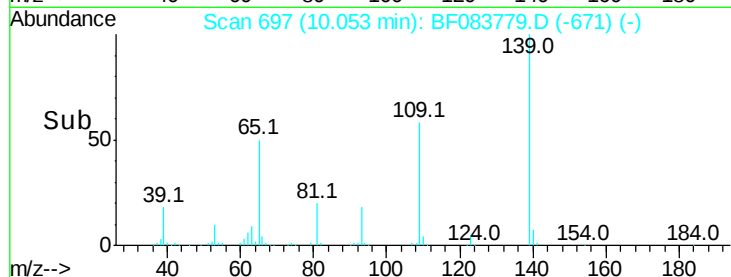
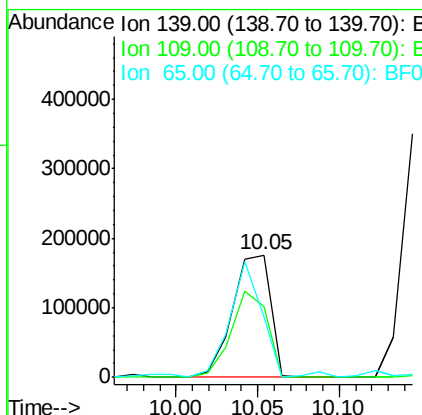
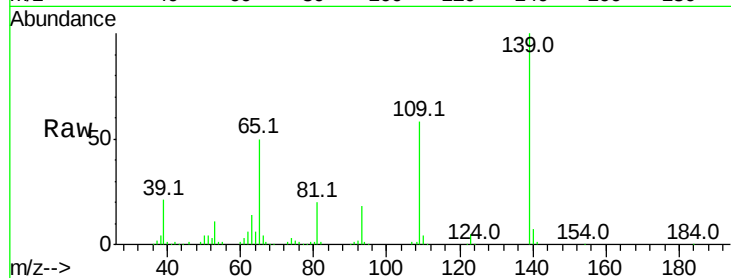




#55
4-Nitrophenol
Concen: 91.33 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

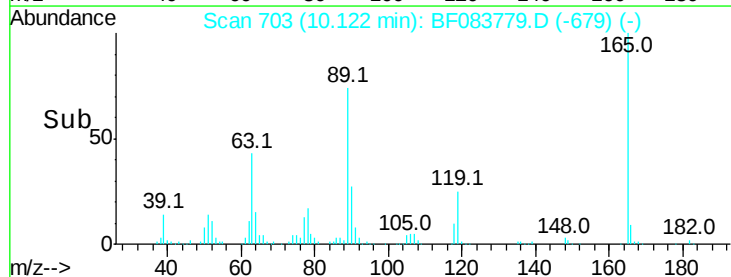
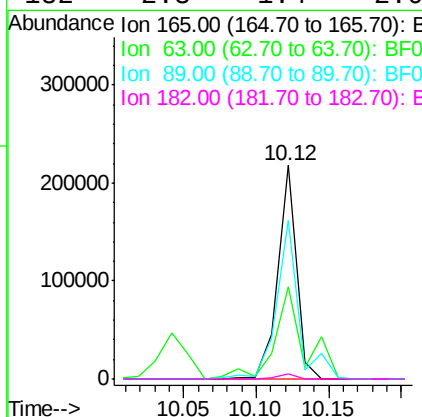
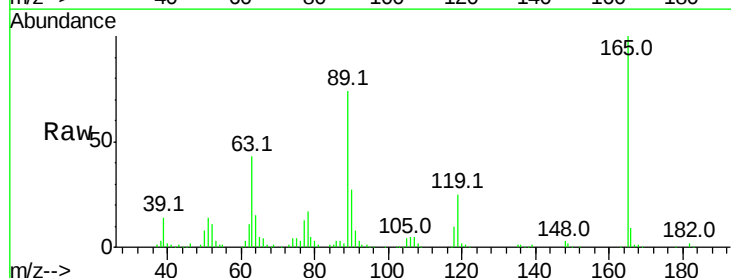
Instrument :
BNA_F
ClientSampleId :
PB87254BS

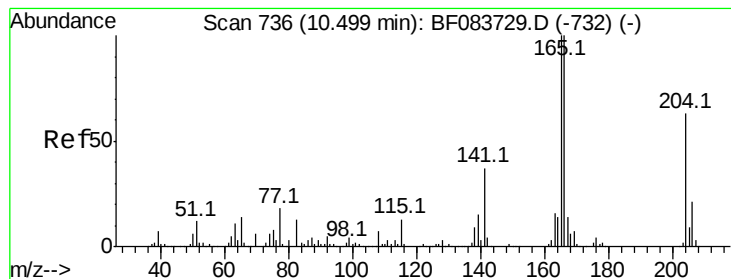
Tot Ion:139 Resp: 283555
Ion Ratio Lower Upper
139 100
109 58.0 42.0 82.0
65 50.1 89.2 129.2#



#56
2,4-Dinitrotoluene
Concen: 41.06 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt Ion:165 Resp: 195061
Ion Ratio Lower Upper
165 100
63 43.4 51.4 77.2#
89 74.1 72.6 108.8
182 2.3 1.4 2.0#





#57

Fluorene

Concen: 37.05 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

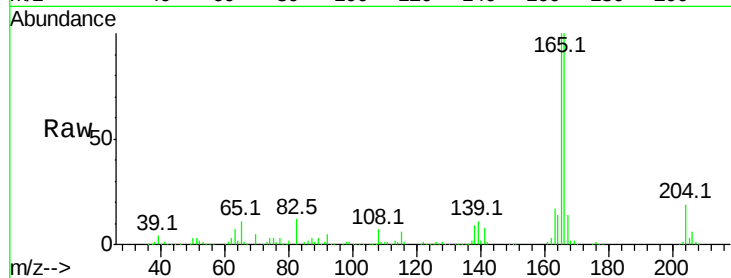
Tot Ion:166 Resp: 565325

Ion Ratio Lower Upper

166 100

165 100.1 80.0 120.0

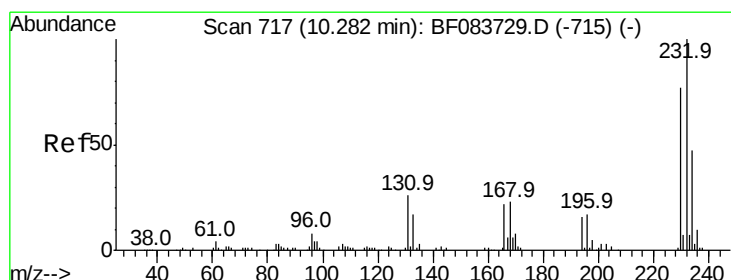
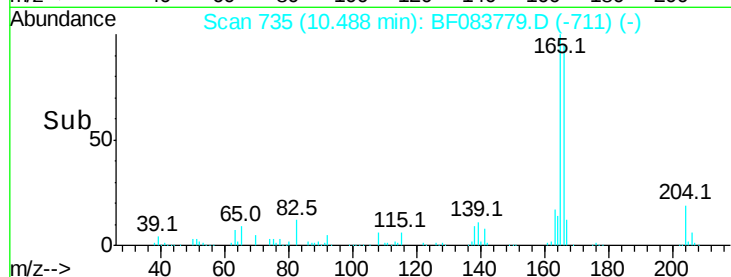
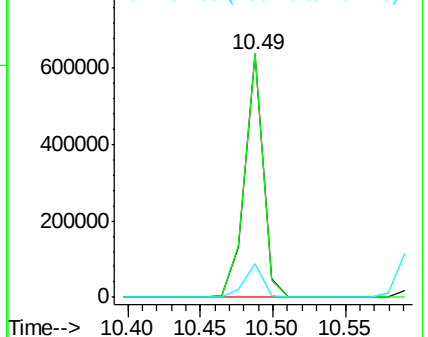
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.73 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Tgt Ion:232 Resp: 144301

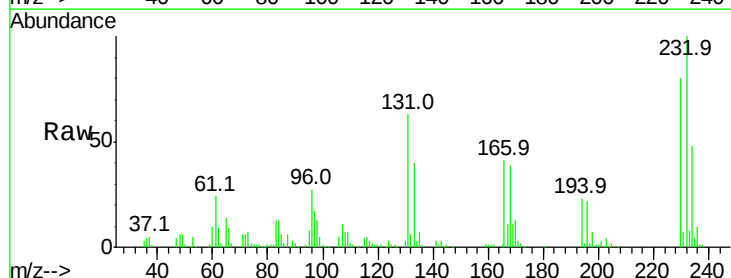
Ion Ratio Lower Upper

232 100

131 53.9 0.0 0.0#

130 2.7 0.0 0.0#

166 35.7 0.0 0.0#

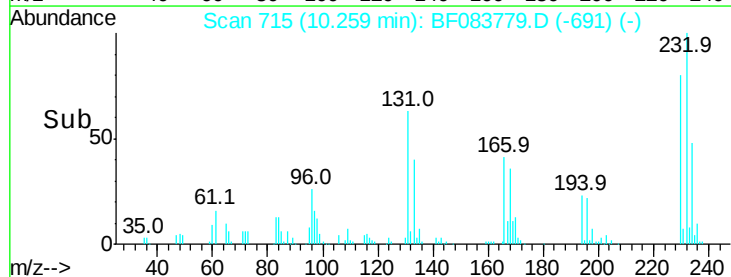
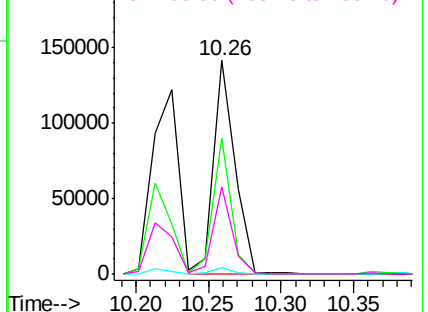


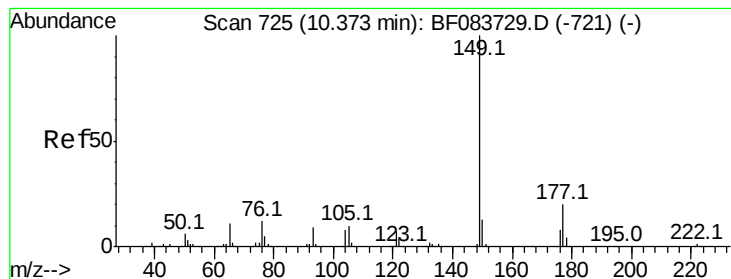
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.53 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

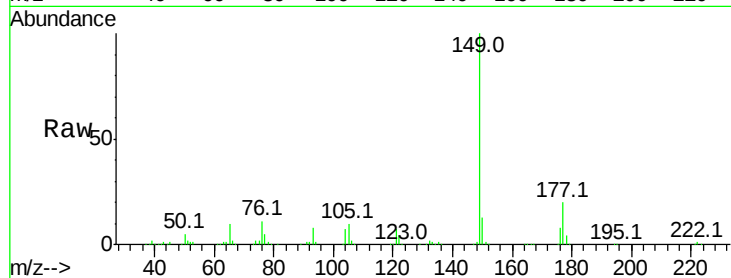
Tot Ion:149 Resp: 633708

Ion Ratio Lower Upper

149 100

177 20.0 16.9 25.3

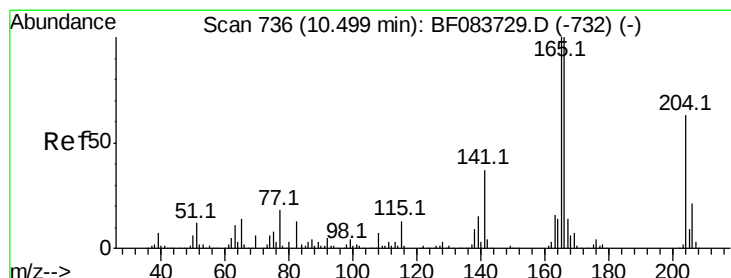
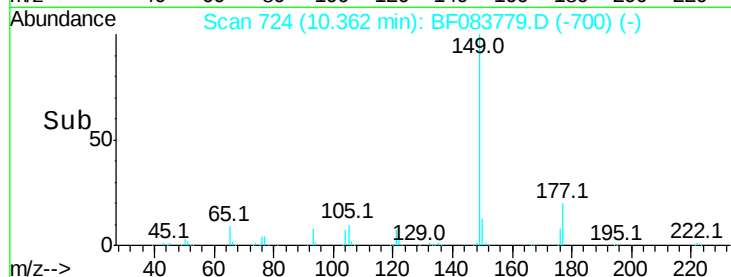
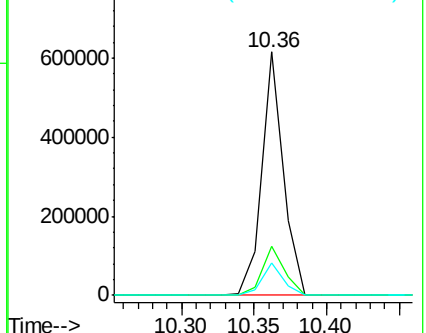
150 13.1 10.2 15.4



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: 36.07 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

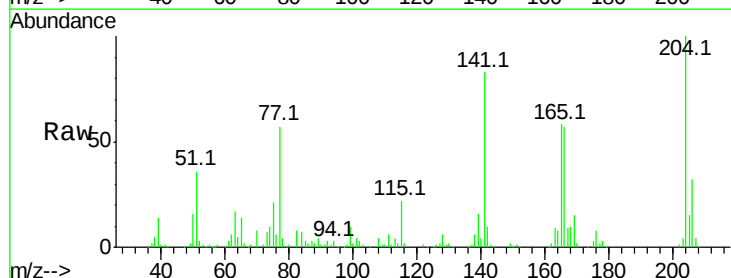
Tgt Ion:204 Resp: 250997

Ion Ratio Lower Upper

204 100

206 32.0 27.3 40.9

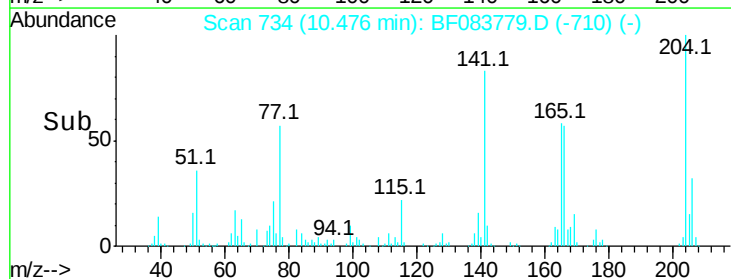
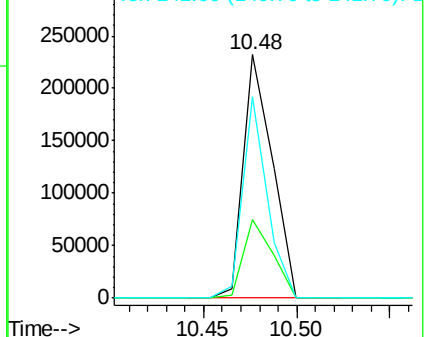
141 82.8 51.9 77.9#

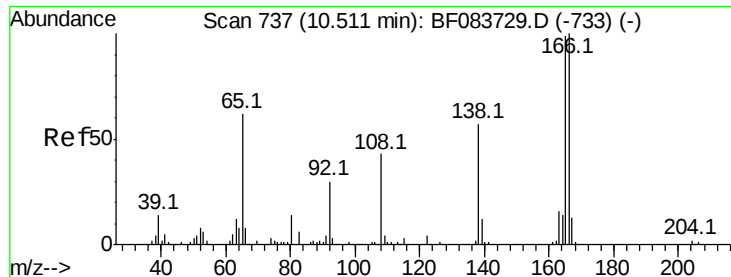


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

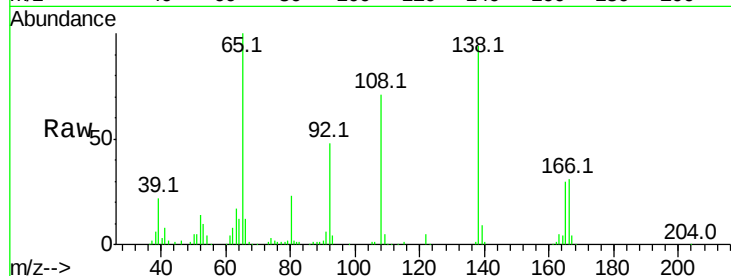




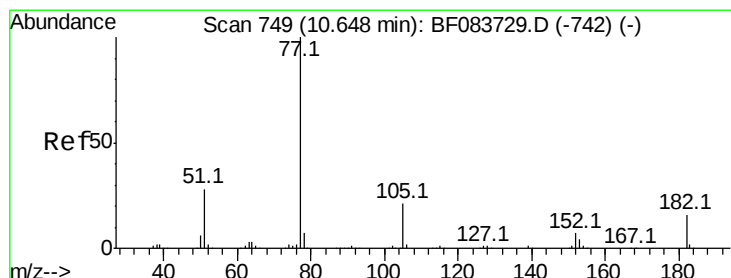
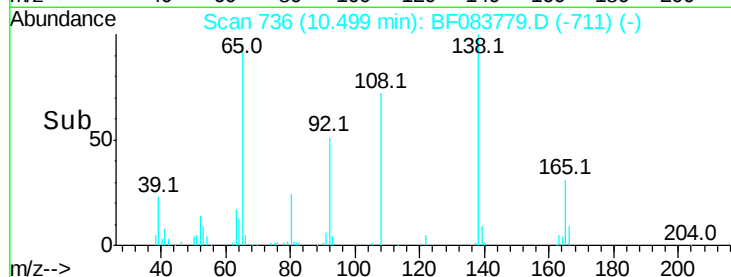
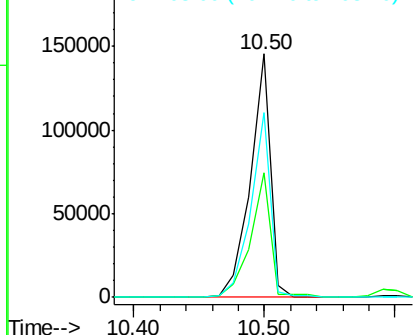
#61
4-Nitroaniline
Concen: 42.26 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Instrument :
BNA_F
ClientSampleId :
PB87254BS

Tot Ion:138 Resp: 156176
Ion Ratio Lower Upper
138 100
92 51.0 29.0 69.0
108 75.6 47.4 87.4

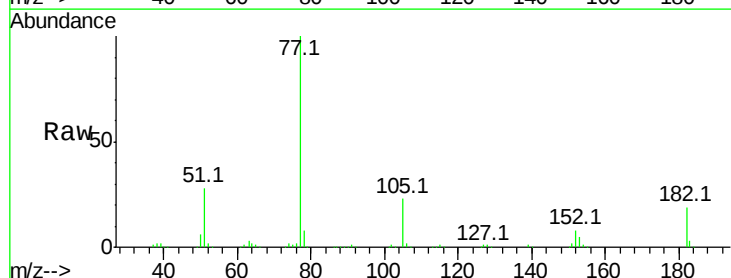


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

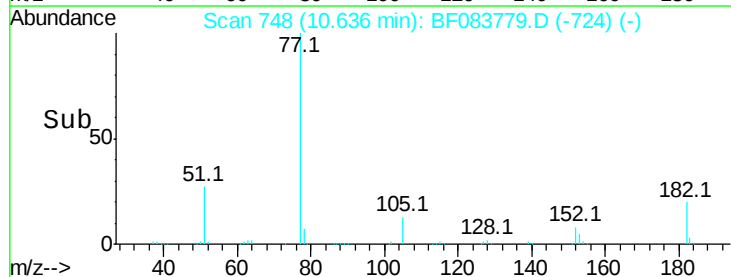
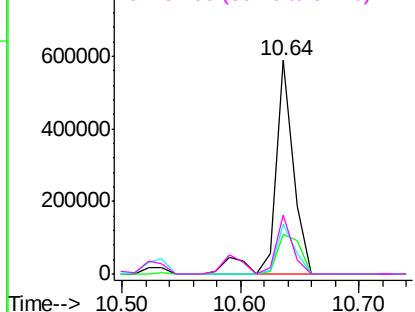


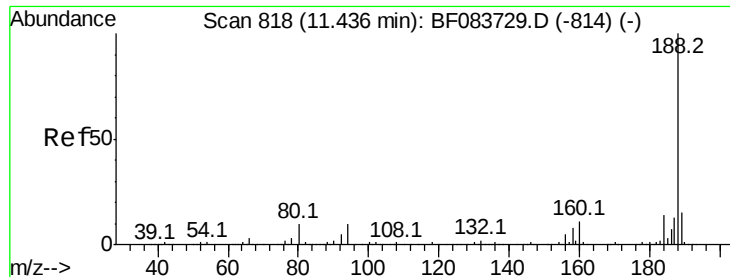
#62
Azobenzene
Concen: 40.13 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt Ion: 77 Resp: 634630
Ion Ratio Lower Upper
77 100
182 18.7 2.5 42.5
105 23.1 2.1 42.1
51 27.8 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

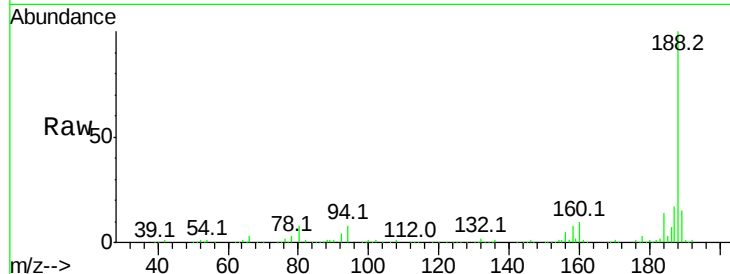




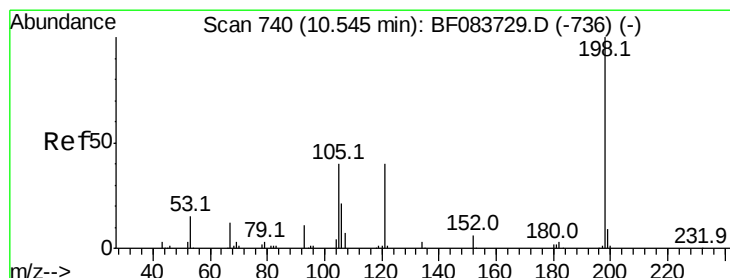
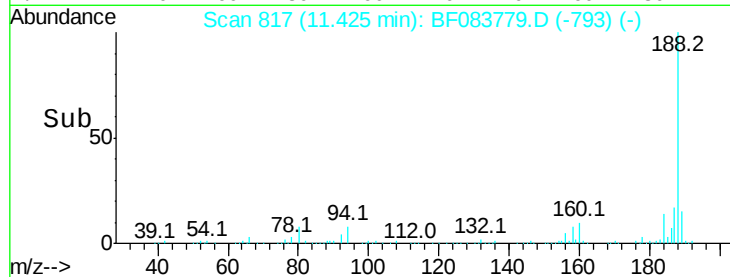
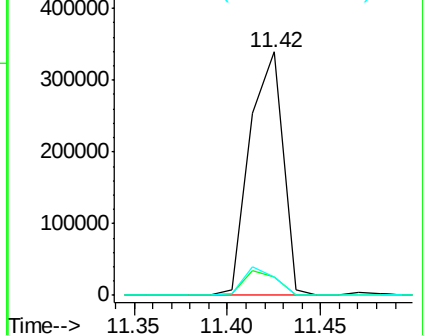
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Instrument :
BNA_F
ClientSampleId :
PB87254BS

Tot Ion:188 Resp: 417966
Ion Ratio Lower Upper
188 100
94 7.8 9.4 14.2#
80 7.7 10.6 16.0#

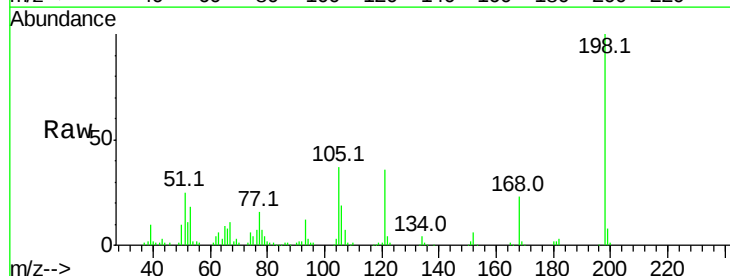


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

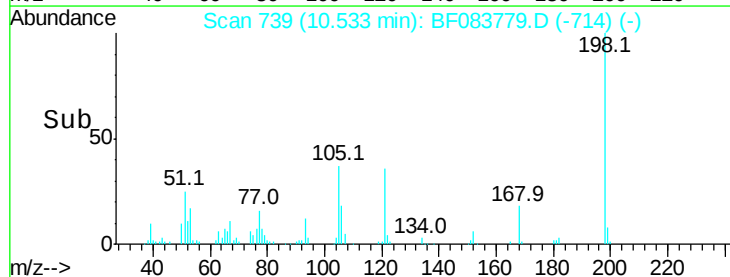
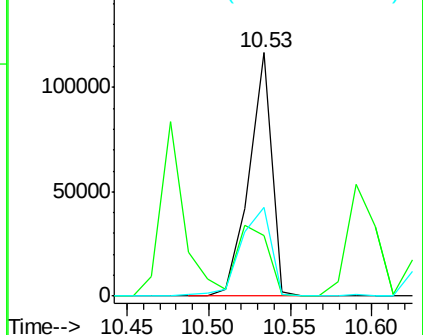


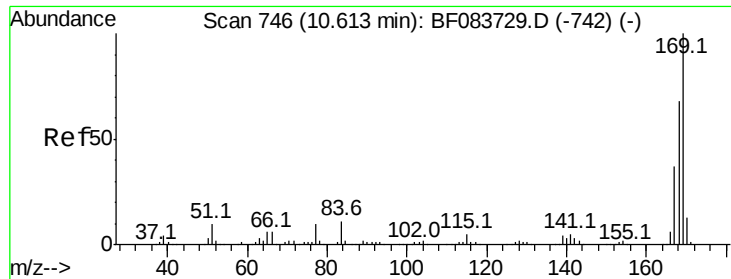
#64
4,6-Dinitro-2-methylphenol
Concen: 47.47 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt Ion:198 Resp: 112883
Ion Ratio Lower Upper
198 100
51 24.8 53.8 93.8#
105 36.5 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

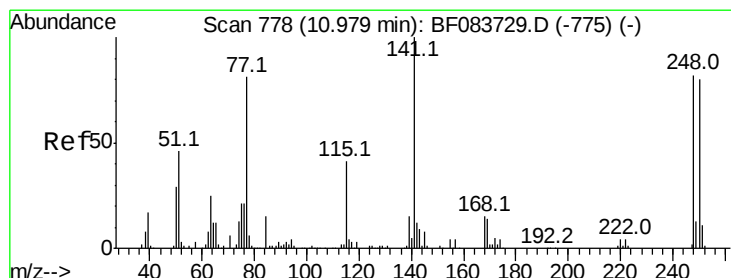
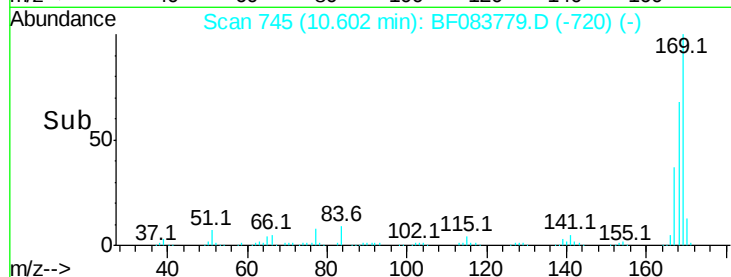
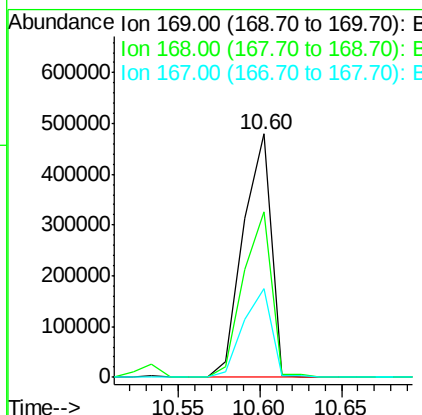
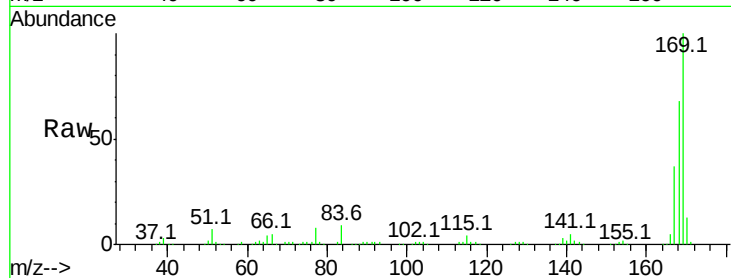




#65
n-Nitrosodiphenylamine
Concen: 39.76 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

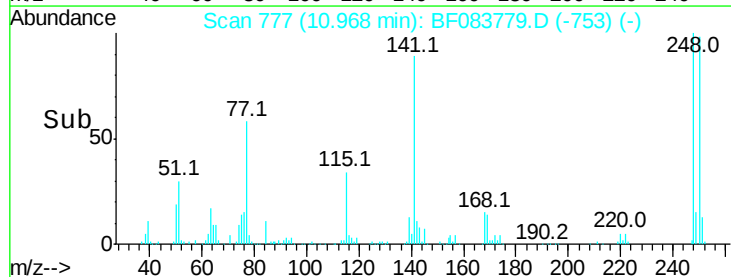
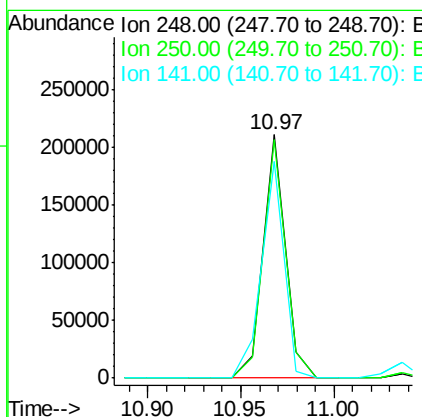
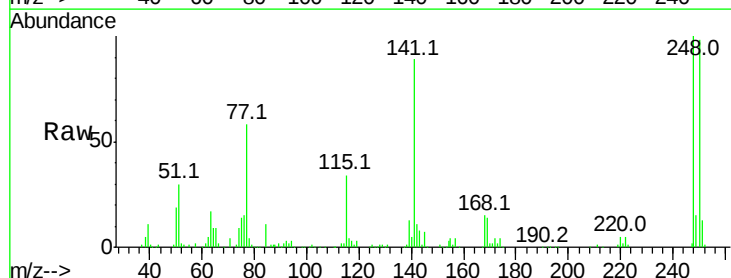
Instrument :
BNA_F
ClientSampleId :
PB87254BS

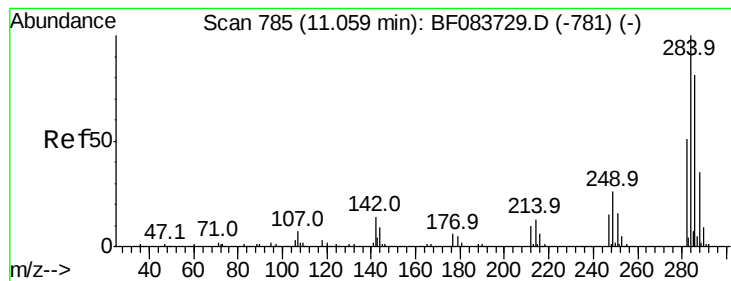
Tot Ion:169 Resp: 568408
Ion Ratio Lower Upper
169 100
168 67.8 53.0 79.6
167 36.7 29.3 43.9



#66
4-Bromophenyl-phenylether
Concen: 37.20 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt Ion:248 Resp: 173875
Ion Ratio Lower Upper
248 100
250 98.0 79.2 118.8
141 88.9 58.2 87.4#





#67

Hexachlorobenzene

Concen: 36.03 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampled :

PB87254BS

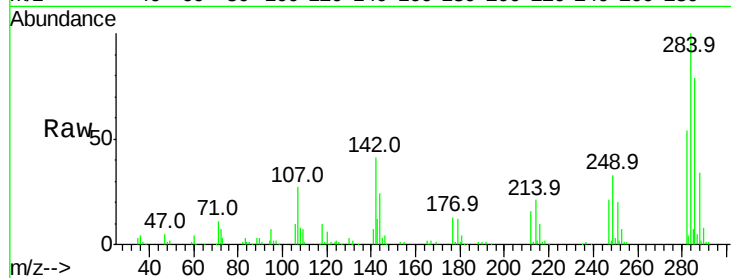
Tot Ion:284 Resp: 182218

Ion Ratio Lower Upper

284 100

142 41.5 31.0 46.4

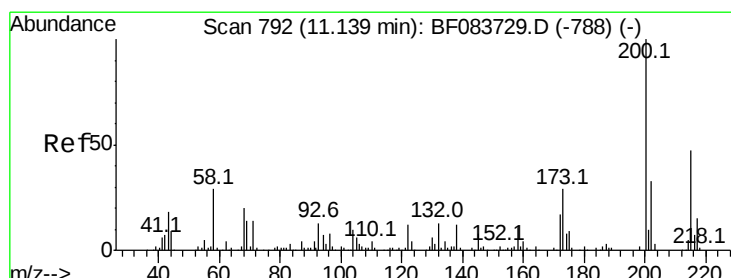
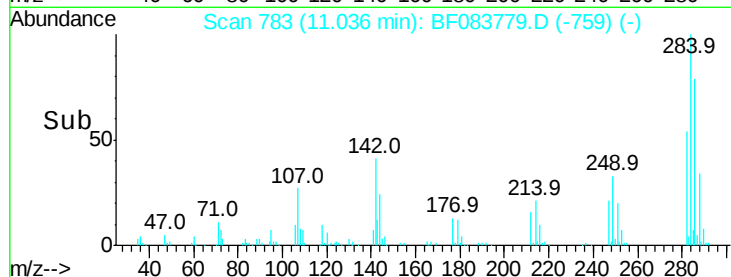
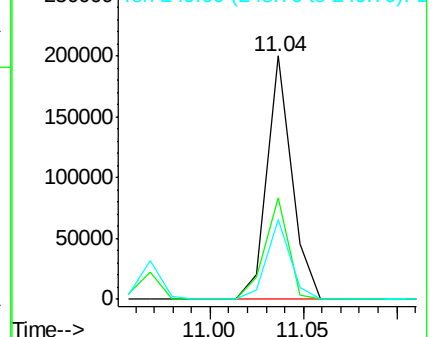
249 32.8 26.9 40.3



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: 47.48 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

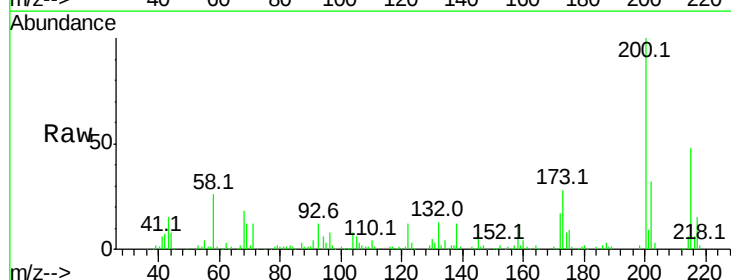
Tgt Ion:200 Resp: 193126

Ion Ratio Lower Upper

200 100

173 28.1 7.8 47.8

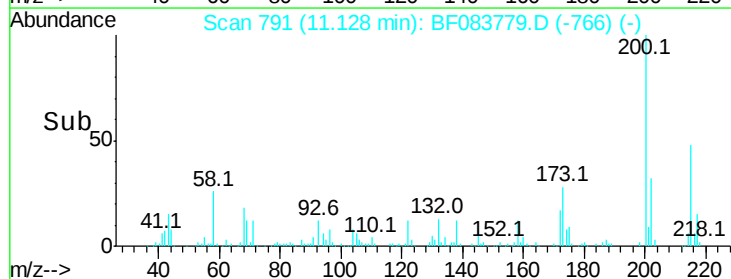
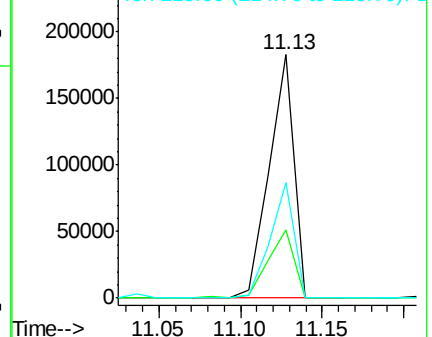
215 47.6 25.7 65.7

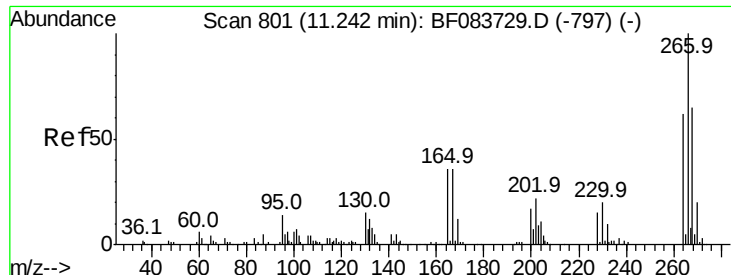


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

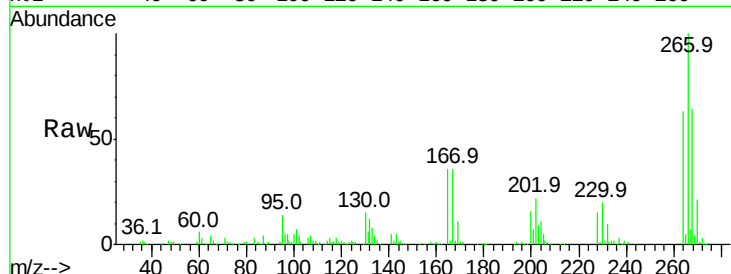




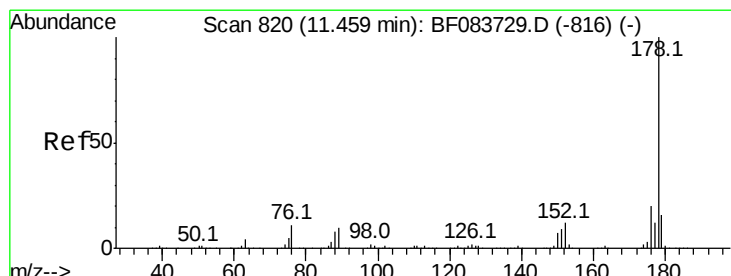
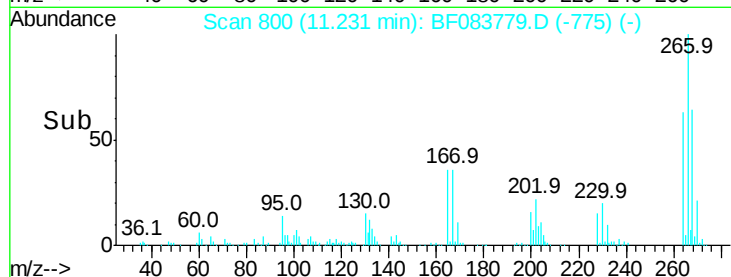
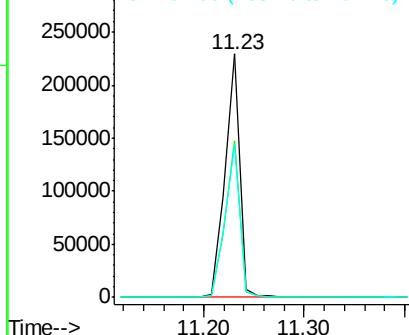
#69
 Pentachlorophenol
 Concen: 81.33 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB87254BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.2	75.2
264	62.8	51.4	77.2

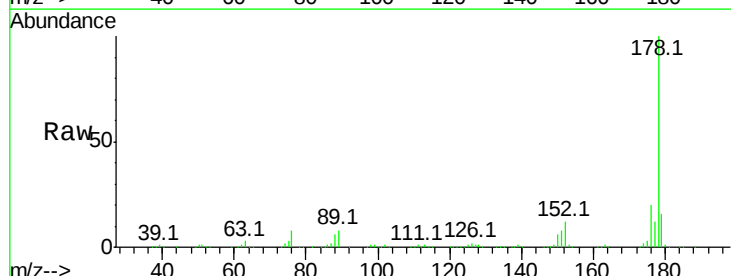


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

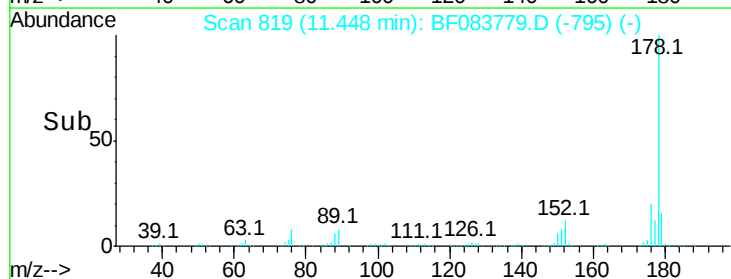
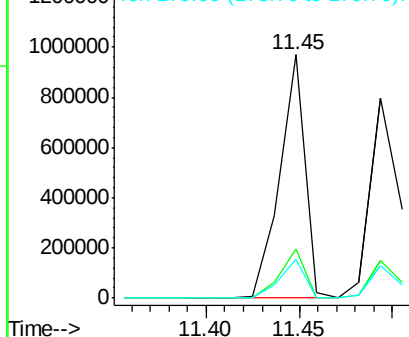


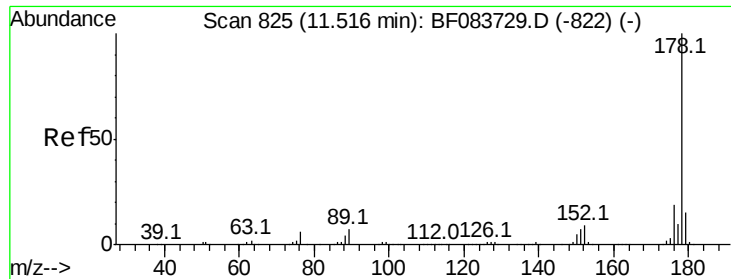
#70
 Phenanthrene
 Concen: 41.04 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	15.9	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

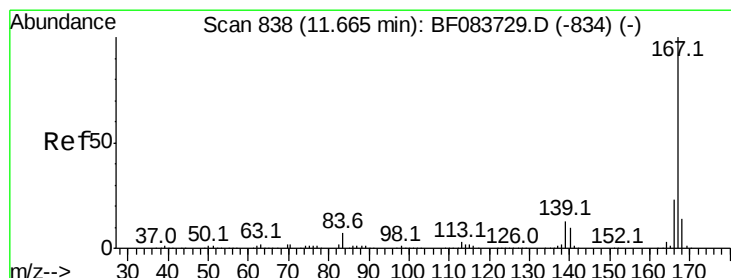
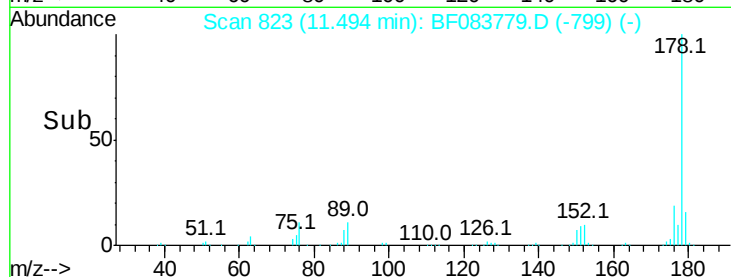
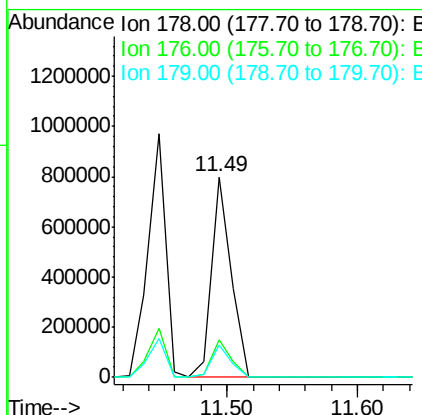
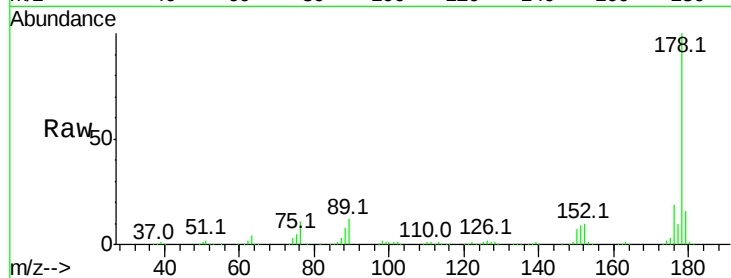




#71
 Anthracene
 Concen: 36.33 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

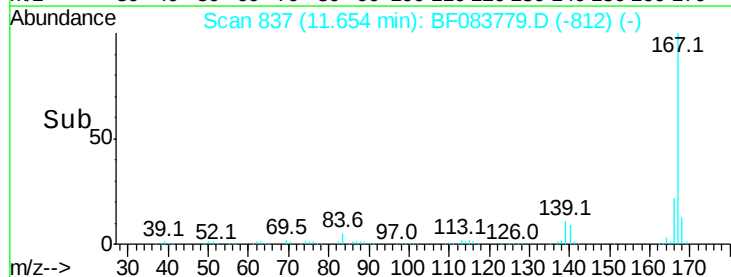
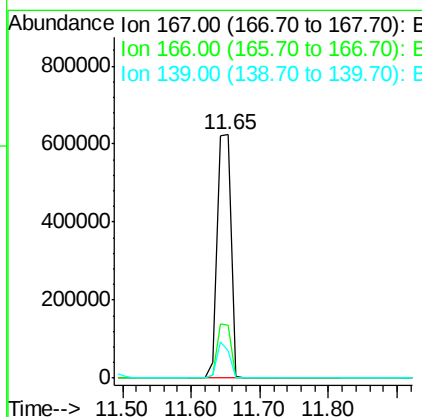
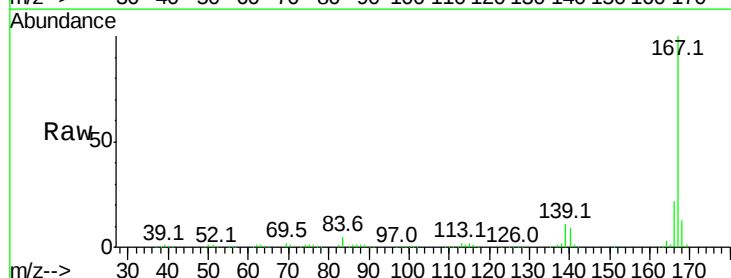
Instrument :
 BNA_F
 ClientSampleId :
 PB87254BS

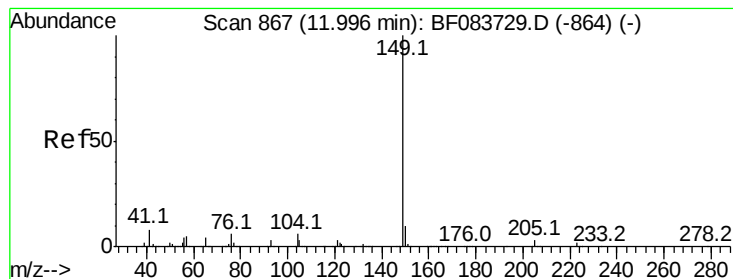
Tot Ion:178 Resp: 837899
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 16.0 12.6 18.8



#72
 Carbazole
 Concen: 41.41 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Tgt Ion:167 Resp: 889827
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 11.4 9.3 13.9





#73

Di-n-butylphthalate

Concen: 36.64 ng

RT: 11.99 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

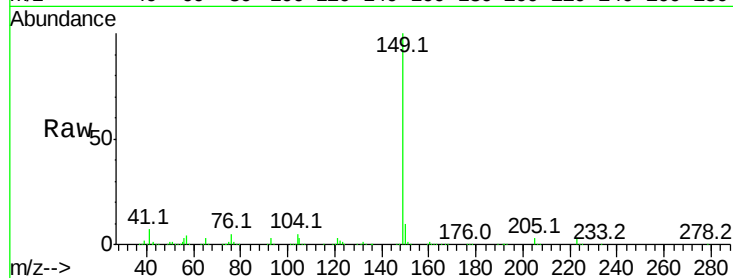
Tot Ion:149 Resp: 956034

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

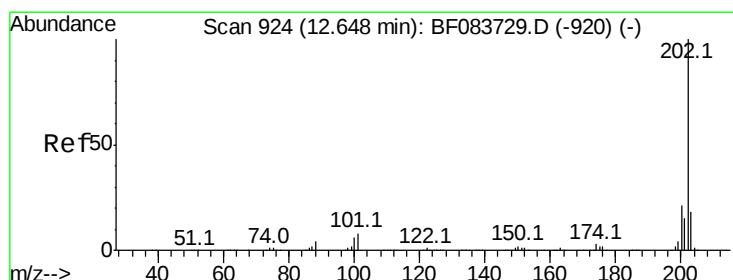
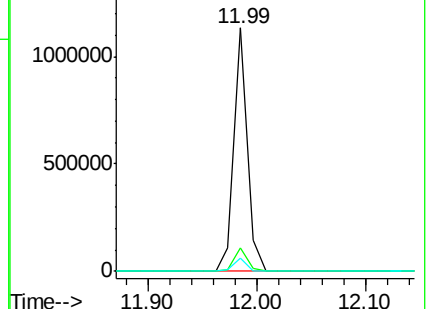
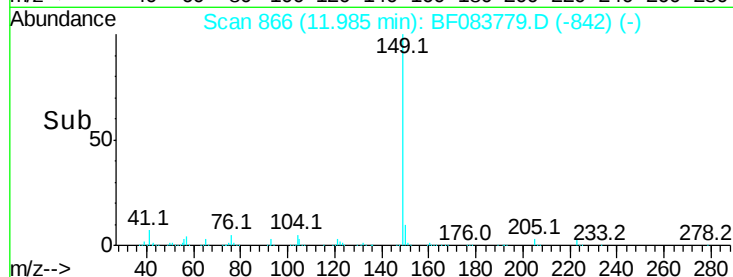
104 5.3 3.9 5.9



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: 40.23 ng

RT: 12.63 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

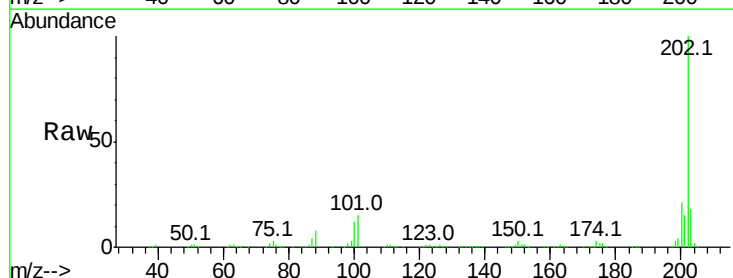
Tgt Ion:202 Resp: 922977

Ion Ratio Lower Upper

202 100

101 15.2 0.0 31.5

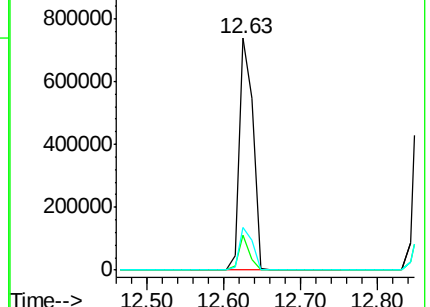
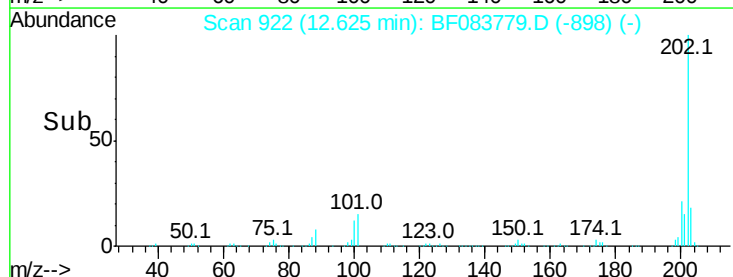
203 18.2 0.0 37.6

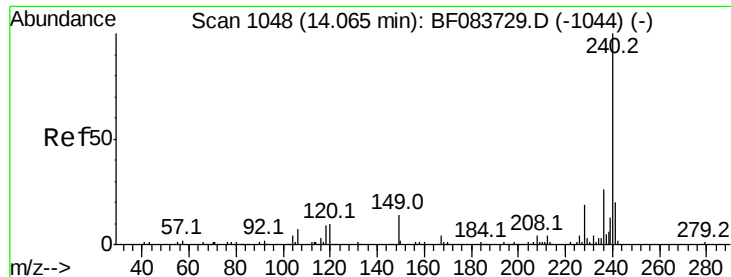


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

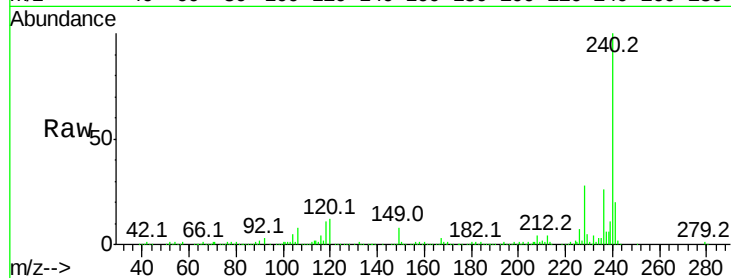
Tot Ion:240 Resp: 341449

Ion Ratio Lower Upper

240 100

120 11.6 8.1 12.1

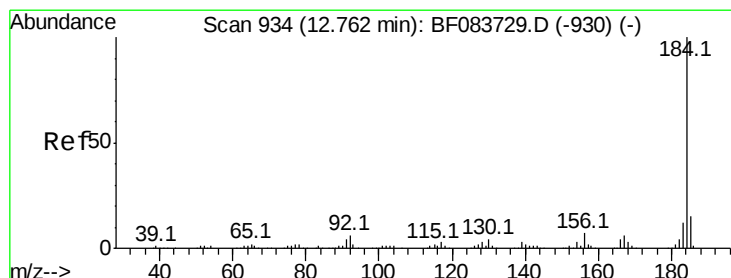
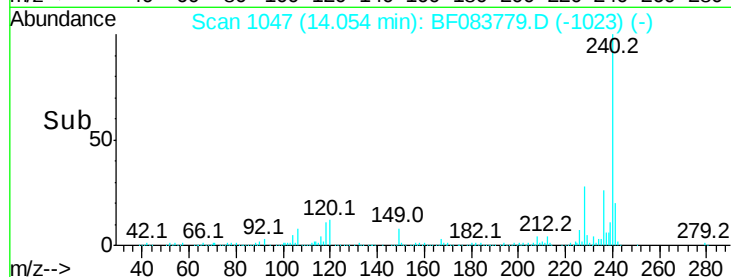
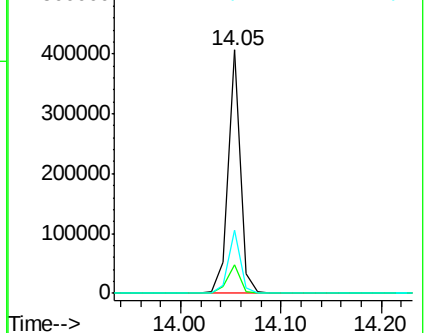
236 25.9 20.8 31.2



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: 45.98 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

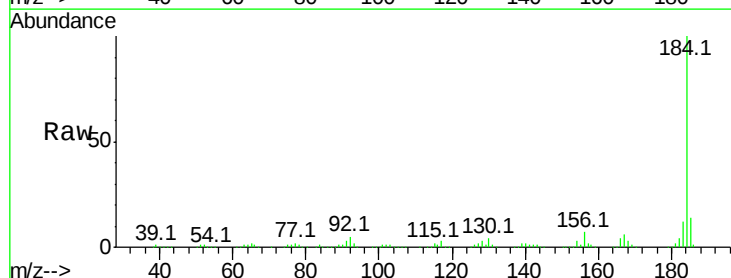
Tgt Ion:184 Resp: 478445

Ion Ratio Lower Upper

184 100

185 14.3 13.0 19.6

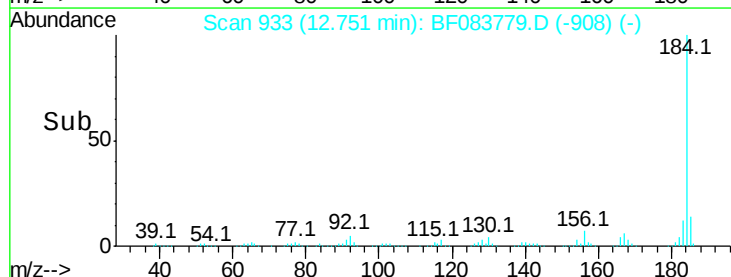
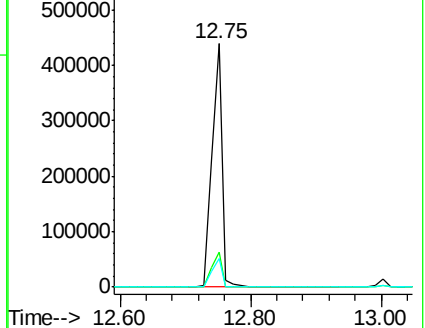
183 12.0 9.0 13.4

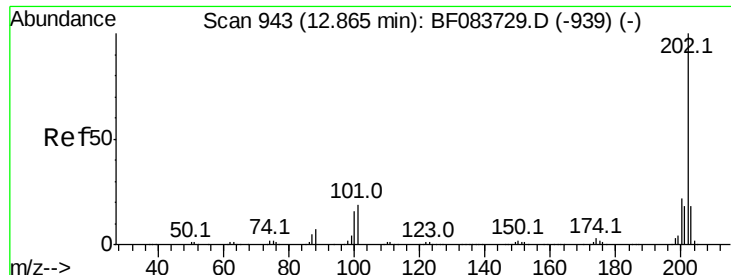


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

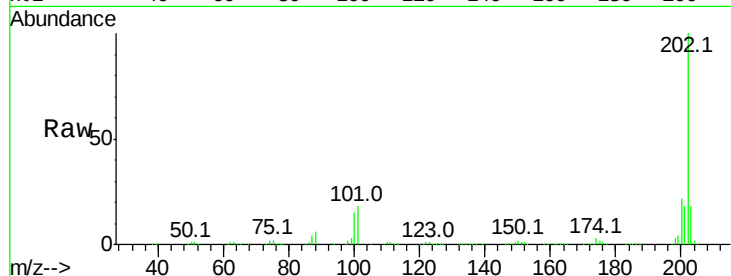




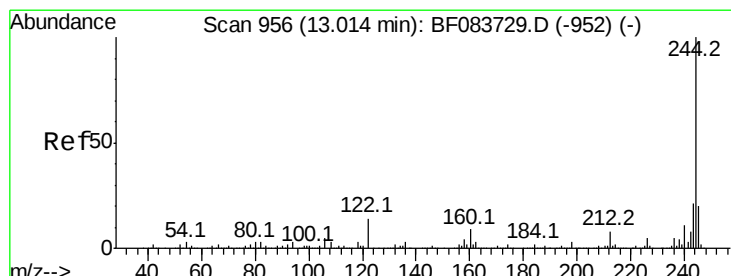
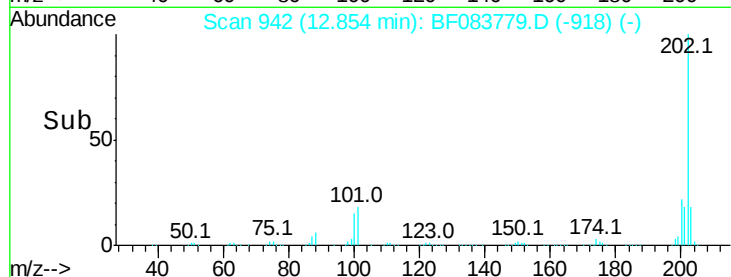
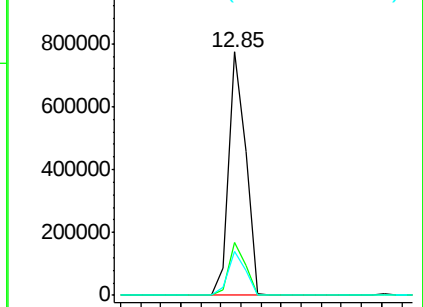
#77
Pvrene
Concen: 33.67 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Instrument :
BNA_F
ClientSampleId :
PB87254BS

Tot Ion:202 Resp: 908600
Ion Ratio Lower Upper
202 100
200 21.6 16.7 25.1
203 18.2 14.3 21.5

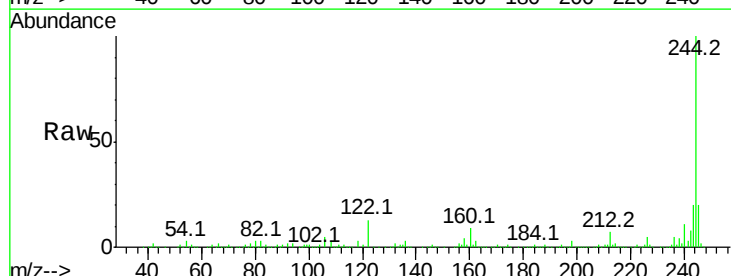


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

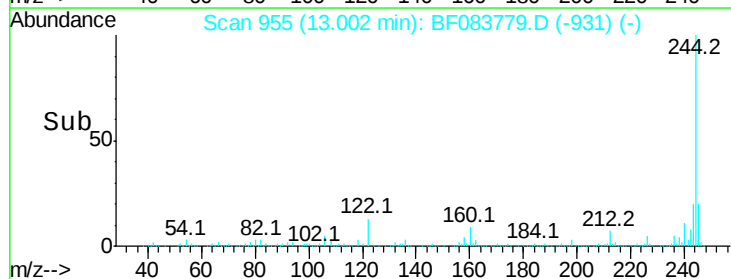
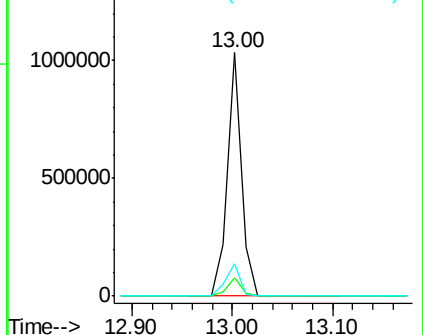


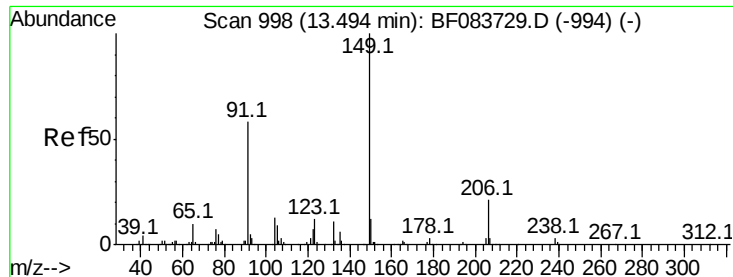
#78
Terphenyl-d14
Concen: 63.65 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt Ion:244 Resp: 1010426
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.2 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

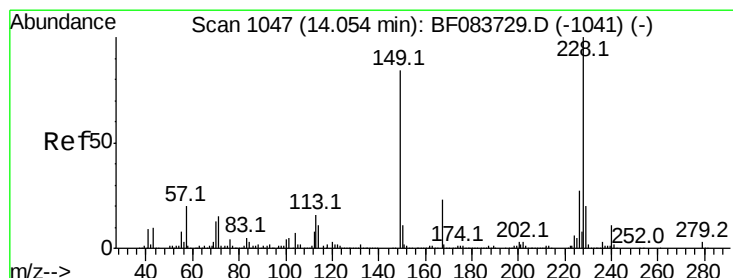
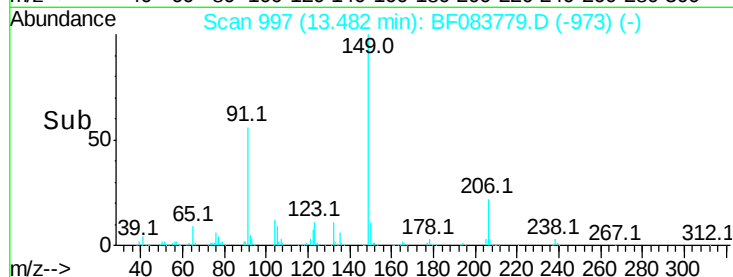
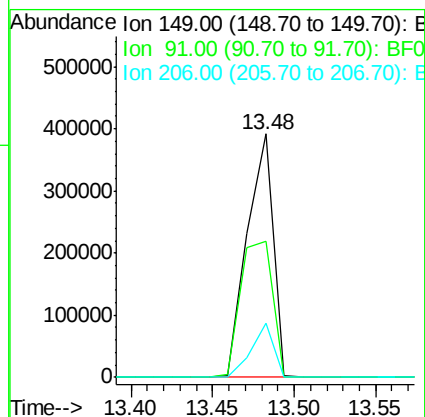
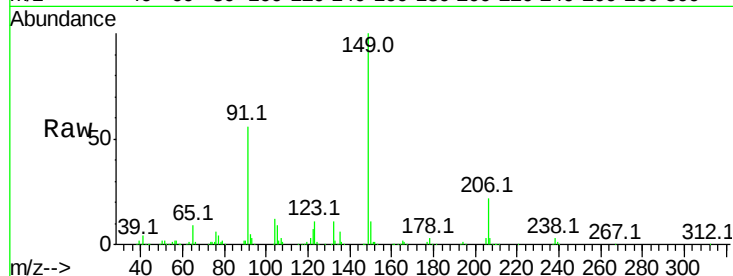




#79
Butylbenzylphthalate
Concen: 37.28 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

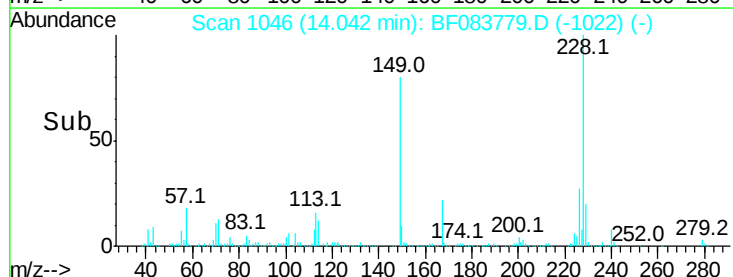
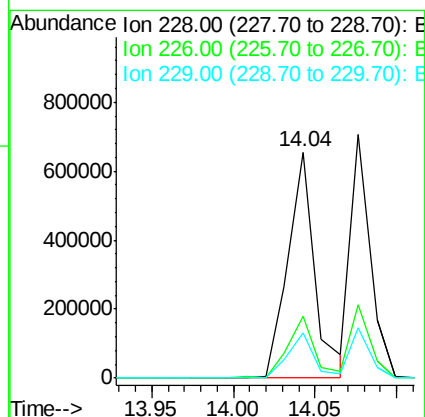
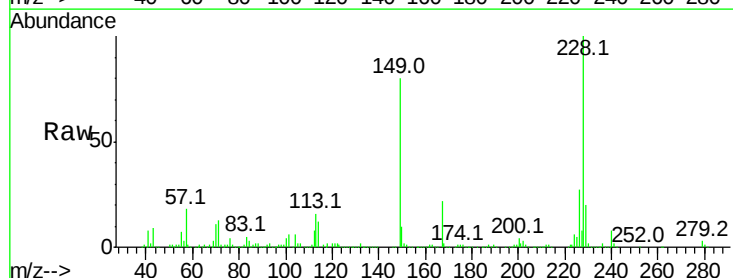
Instrument :
BNA_F
ClientSampleId :
PB87254BS

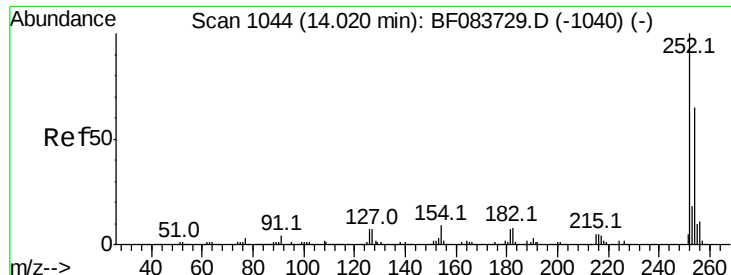
Tot Ion	Ratio	Lower	Upper
149	100		
91	55.9	60.0	90.0#
206	22.0	16.2	24.4



#80
Benzo(a)anthracene
Concen: 39.20 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.9	15.7	23.5

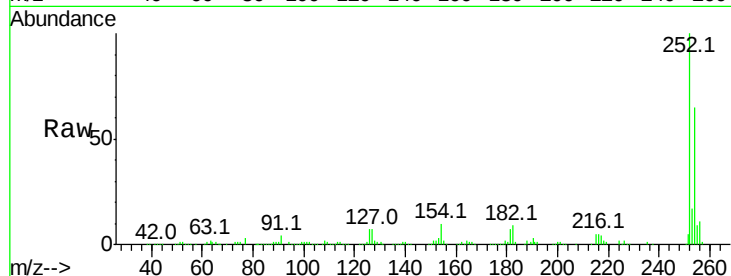




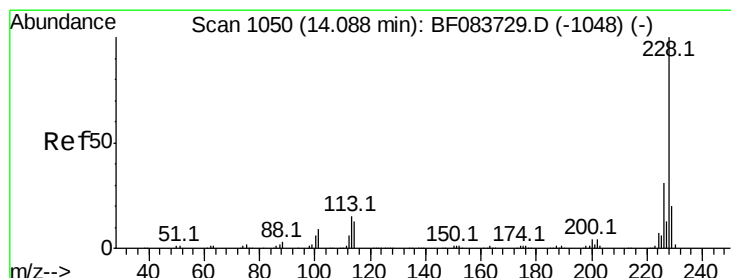
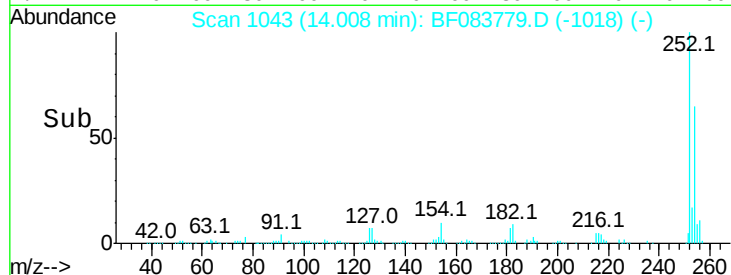
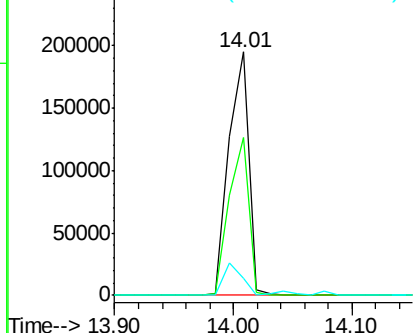
#81
 3,3'-Dichlorobenzidine
 Concen: 32.31 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB87254BS

Tot Ion:252 Resp: 226284
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.6 76.0
 126 7.0 11.0 16.4#

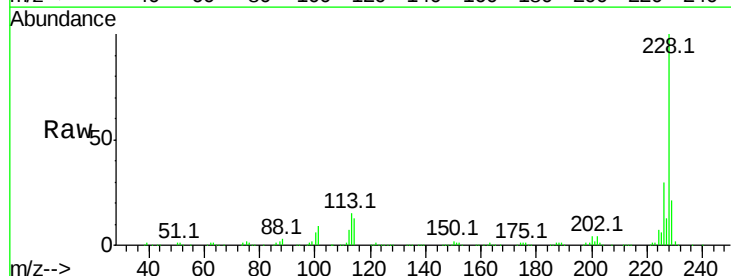


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

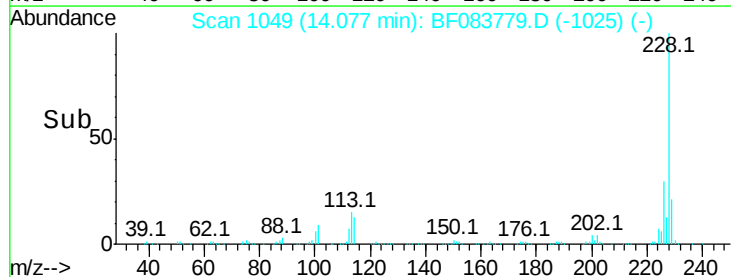
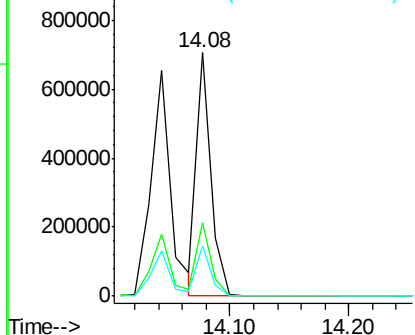


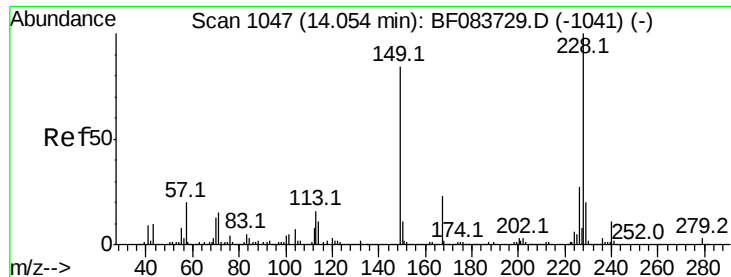
#82
 Chrysene
 Concen: 32.17 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Tgt Ion:228 Resp: 609206
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.7 37.1
 229 20.8 16.3 24.5



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

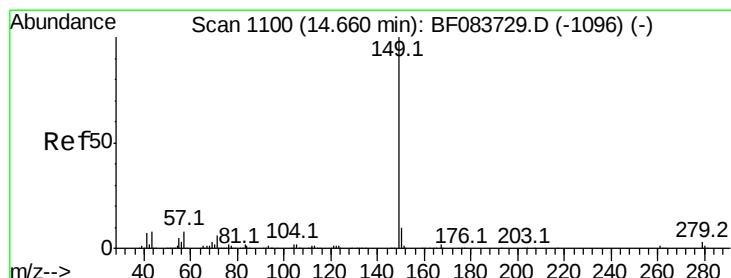
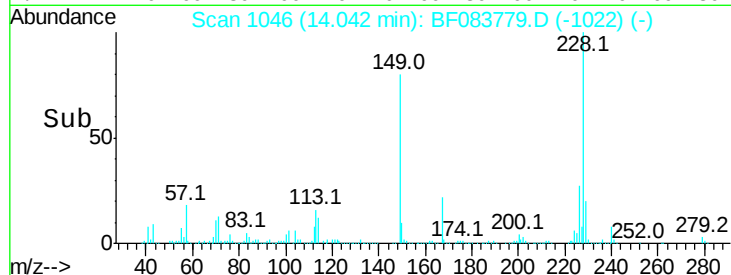
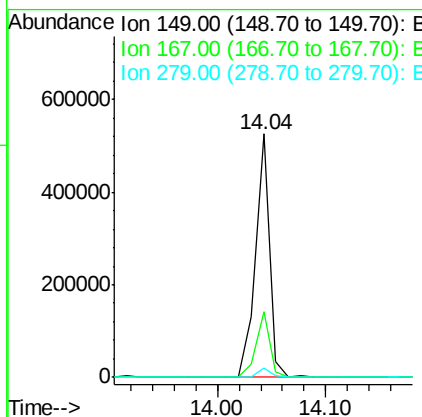
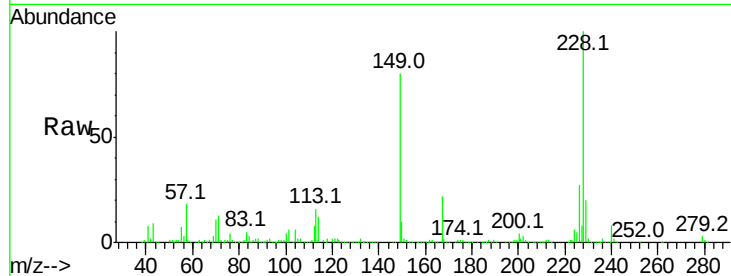




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.21 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

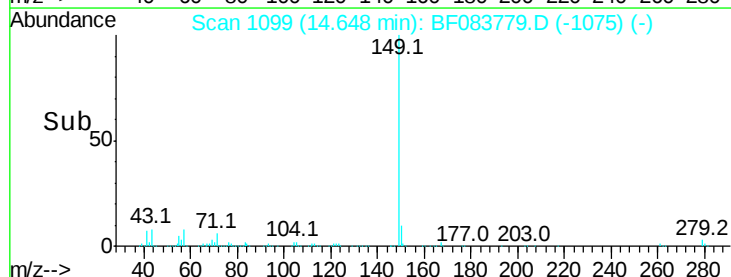
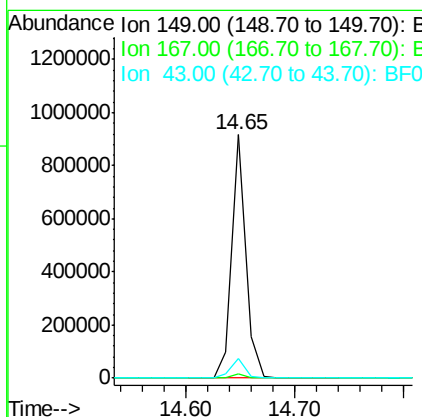
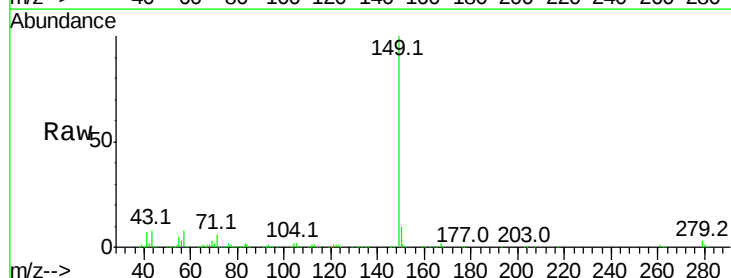
Instrument :
 BNA_F
 ClientSampleId :
 PB87254BS

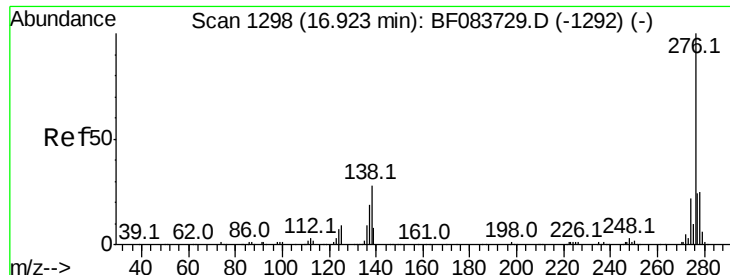
Tot Ion:149 Resp: 477332
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.8 32.8
 279 3.6 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 38.75 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Tgt Ion:149 Resp: 811688
 Ion Ratio Lower Upper
 149 100
 167 1.6 0.0 0.0#
 43 8.3 0.0 0.0#

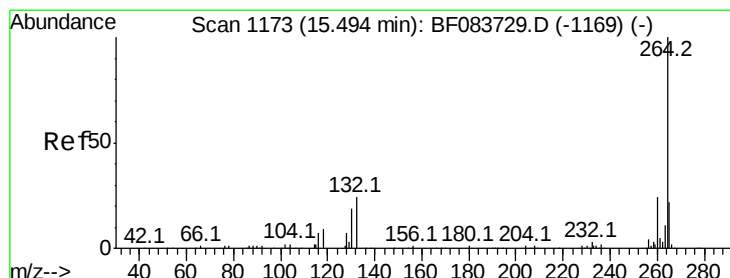
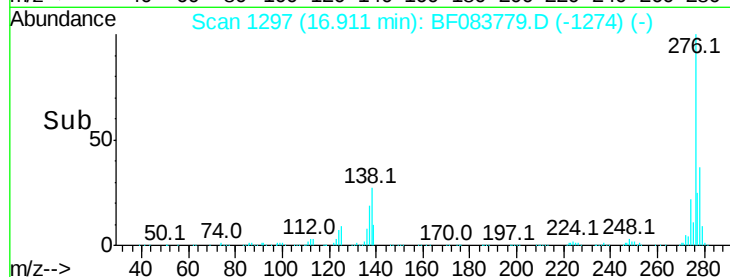
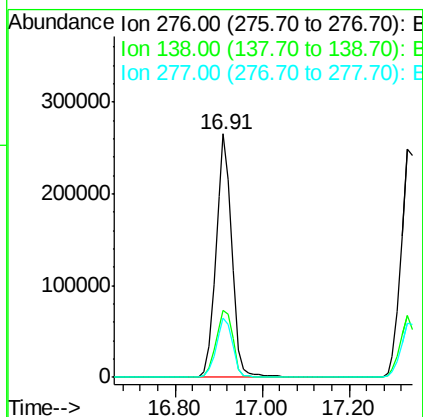
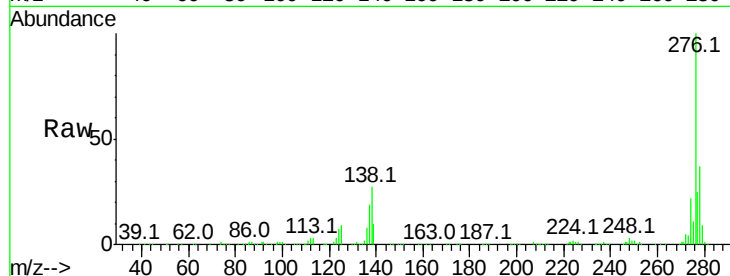




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.88 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.03 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

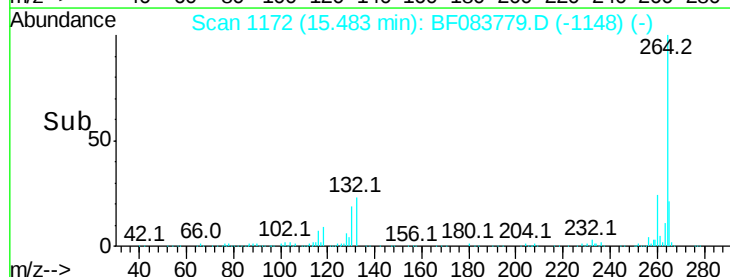
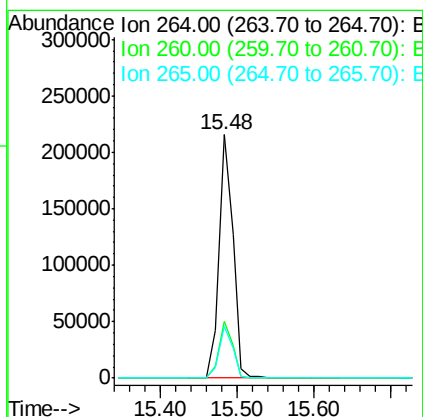
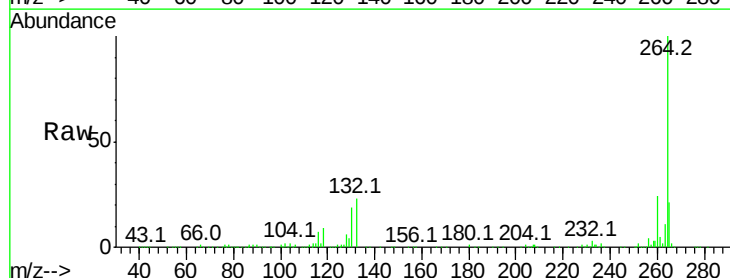
Instrument :
 BNA_F
 ClientSampleId :
 PB87254BS

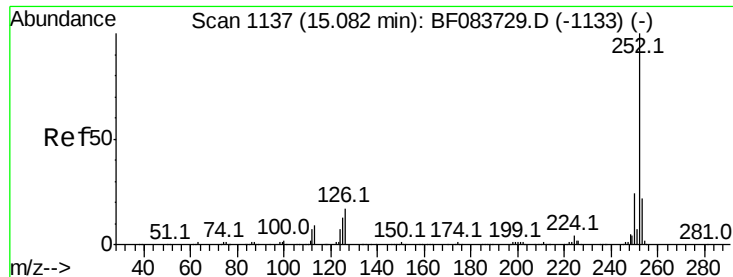
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.9	0.0	0.0#
277	25.6	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083779.D
 Acq: 14 Dec 2015 20:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.3	17.8	26.6

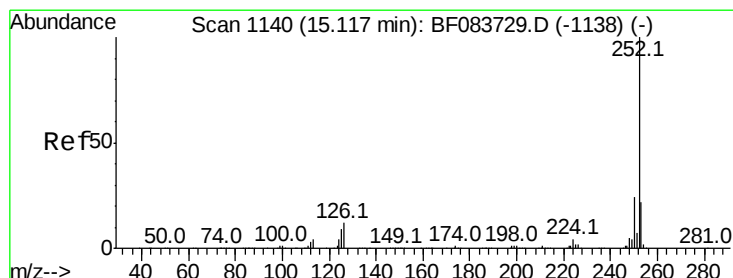
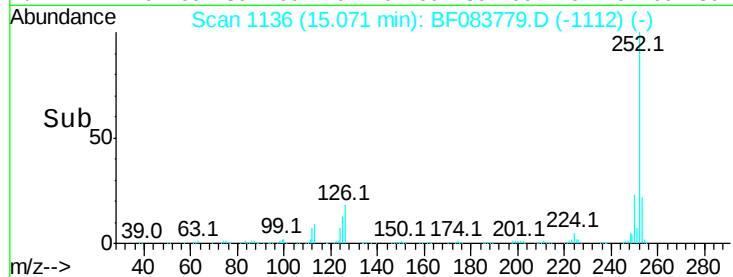
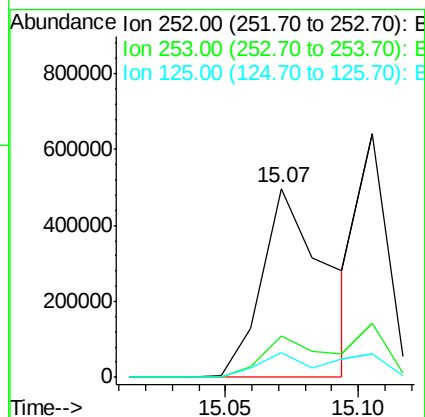
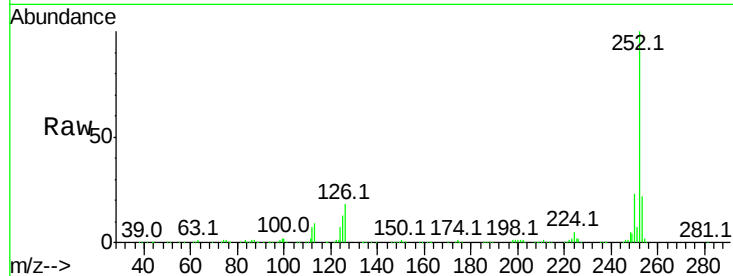




#87
Benzo(b)fluoranthene
Concen: 48.06 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

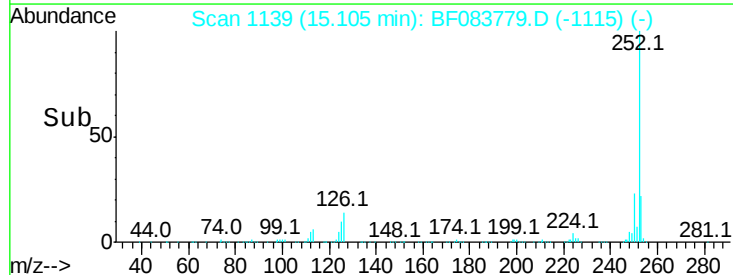
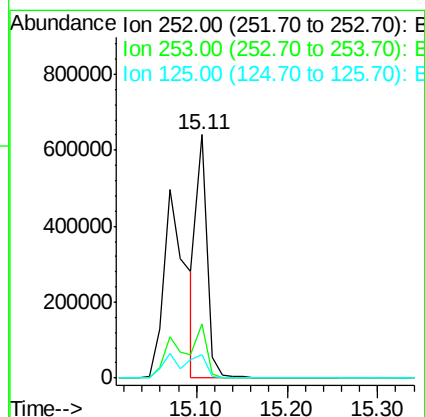
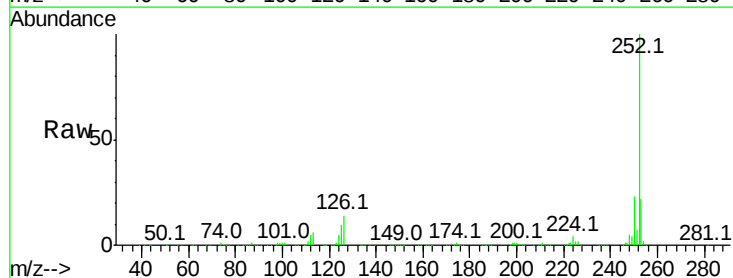
Instrument :
BNA_F
ClientSampleId :
PB87254BS

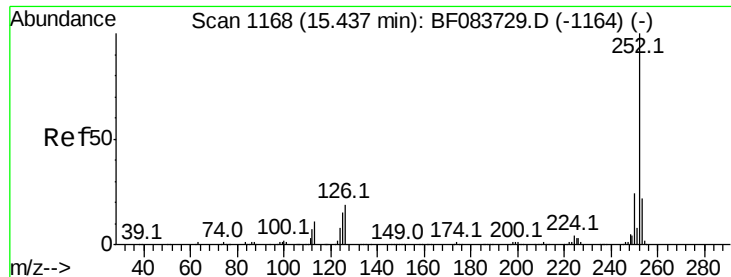
Tot Ion:252 Resp: 841496
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 13.4 8.2 12.4#



#88
Benzo(k)fluoranthene
Concen: 31.35 ng m
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF083779.D
Acq: 14 Dec 2015 20:01

Tgt Ion:252 Resp: 497350
Ion Ratio Lower Upper
252 100
253 22.2 18.6 27.8
125 9.9 11.5 17.3#





#89

Benzo(a)pyrene

Concen: 40.01 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

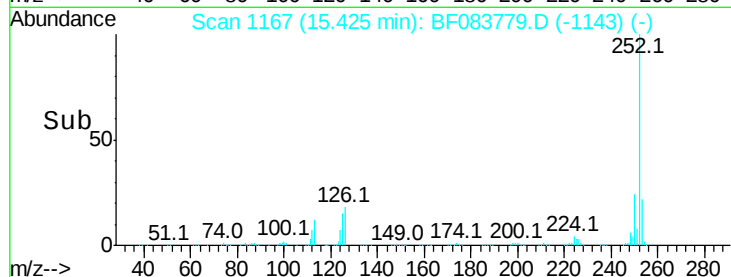
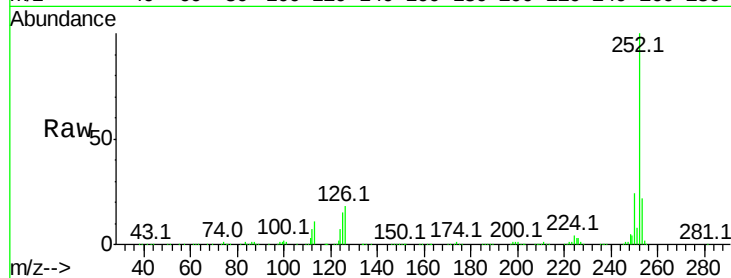
BNA_F

ClientSampleId :

PB87254BS

Tot Ion:252 Resp: 625237

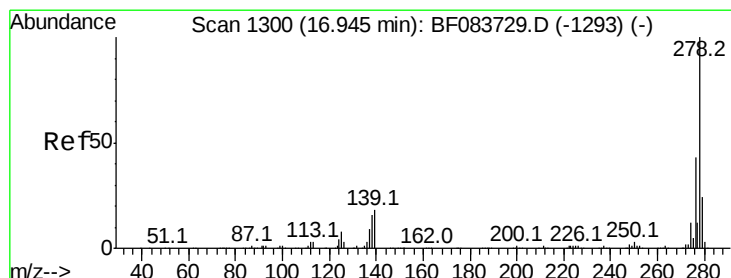
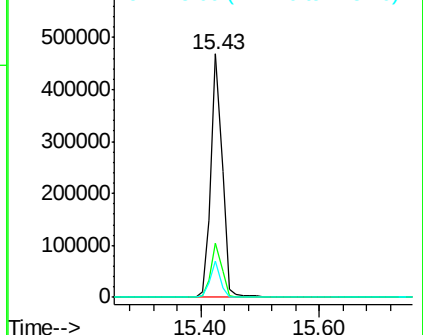
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.8	11.0	16.6



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: 36.68 ng

RT: 16.93 min Scan# 1299

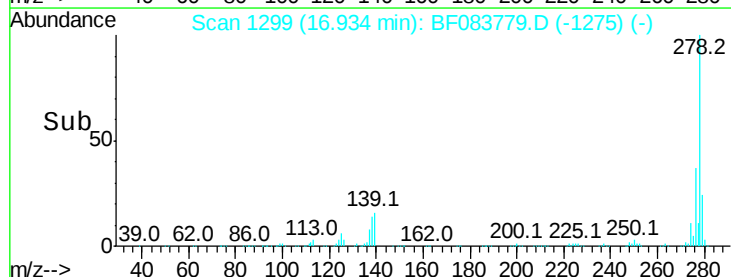
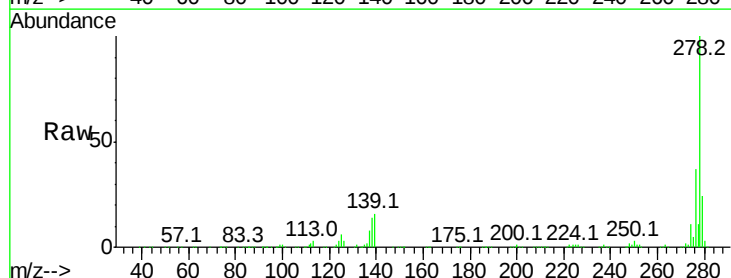
Delta R.T. -0.02 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Tgt Ion:278 Resp: 569880

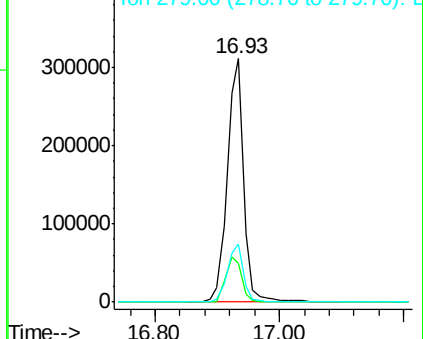
Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.8	19.2
279	23.8	18.6	28.0

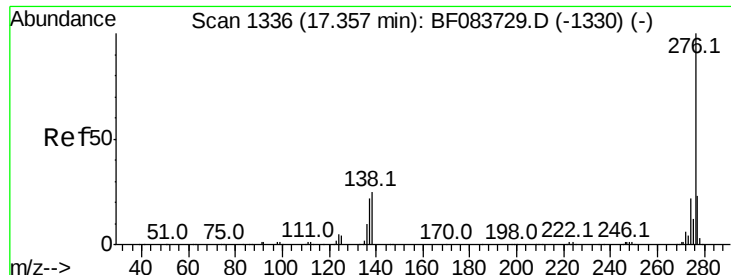


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.39 ng

RT: 17.33 min Scan# 1334

Delta R.T. -0.05 min

Lab File: BF083779.D

Acq: 14 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB87254BS

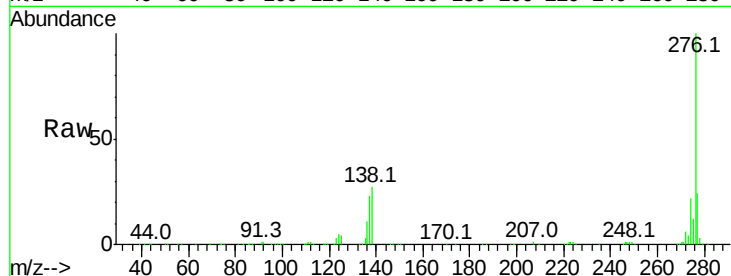
Tot Ion:276 Resp: 581163

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 27.0 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

