

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083776.D
 Acq On : 14 Dec 2015 18:37
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 15 02:30:46 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	113771	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	468101	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	213360	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	402461	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	313005	20.00	ng	-0.02
86) Perylene-d12	15.48	264	251818	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	595693	84.47	ng	-0.02
7) Phenol-d6	6.53	99	735352	82.34	ng	-0.01
23) Nitrobenzene-d5	7.47	82	675910	80.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	186189	85.64	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1093620	71.67	ng	-0.02
78) Terphenyl-d14	13.00	244	982274	67.50	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	131852	38.66	ng	# 81
3) Pyridine	3.24	79	333891	38.92	ng	# 84
4) n-Nitrosodimethylamine	3.18	42	130633	40.24	ng	# 68
6) Aniline	6.56	93	499109	41.14	ng	# 86
8) 2-Chlorophenol	6.68	128	326373	39.38	ng	# 93
9) Benzaldehyde	6.44	77	186230	38.83	ng	# 89
10) Phenol	6.54	94	437873	42.60	ng	# 77
11) bis(2-Chloroethyl)ether	6.64	93	311001	41.78	ng	# 91
12) 1,3-Dichlorobenzene	6.84	146	352546	40.09	ng	# 99
13) 1,4-Dichlorobenzene	6.92	146	374213	42.11	ng	# 97
14) 1,2-Dichlorobenzene	7.07	146	316388	39.62	ng	# 95
15) Benzyl Alcohol	7.04	79	264383	40.30	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	372121	38.50	ng	# 70
17) 2-Methylphenol	7.15	107	274897	41.26	ng	# 86
18) Hexachloroethane	7.42	117	133068	42.16	ng	# 97
19) n-Nitroso-di-n-propylamine	7.32	70	231386	42.31	ng	# 83
20) 3+4-Methylphenols	7.31	107	321912	40.93	ng	# 63
22) Acetophenone	7.31	105	405083	35.28	ng	# 94
24) Nitrobenzene	7.48	77	321334	36.90	ng	# 89
25) Isophorone	7.72	82	608812	37.09	ng	# 96
26) 2-Nitrophenol	7.80	139	189140	45.21	ng	# 80
27) 2,4-Dimethylphenol	7.84	122	281474m	34.24	ng	# 97
28) bis(2-Chloroethoxy)methane	7.94	93	386029	41.21	ng	# 97
29) 2,4-Dichlorophenol	8.04	162	268848	39.84	ng	# 98
30) 1,2,4-Trichlorobenzene	8.13	180	289550	41.38	ng	# 97
31) Naphthalene	8.21	128	980374	40.18	ng	# 99
32) Benzoic acid	7.95	122	231394m	45.17	ng	# 82
33) 4-Chloroaniline	8.26	127	414277	41.57	ng	# 95
34) Hexachlorobutadiene	8.34	225	154218	40.16	ng	# 68
35) Caprolactam	8.62	113	86323	39.84	ng	# 85
36) 4-Chloro-3-methylphenol	8.74	107	329255	41.71	ng	# 97
37) 2-Methylnaphthalene	8.90	142	571070	37.28	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	277842	44.14	ng	# 99
40) Hexachlorocyclopentadiene	9.06	237	137584	43.14	ng	# 99

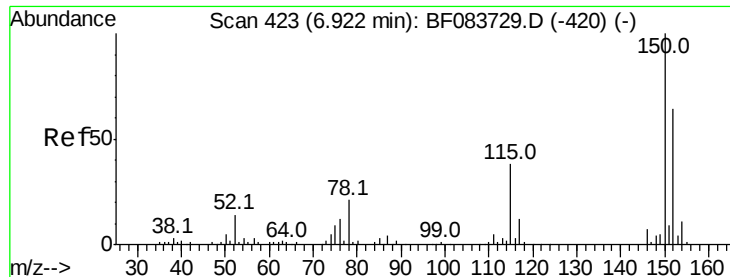
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	185622	40.29	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	193395	44.25	nq #	92
45) 1,1'-Biphenyl	9.37	154	801256	42.37	nq	96
46) 2-Chloronaphthalene	9.39	162	596837	42.76	nq	95
47) 2-Nitroaniline	9.48	65	175071	44.22	nq #	41
48) Acenaphthylene	9.80	152	892832	38.02	nq	99
49) Dimethylphthalate	9.66	163	655805	39.43	nq	99
50) 2,6-Dinitrotoluene	9.72	165	158196	44.81	nq #	80
51) Acenaphthene	9.97	154	547789	38.59	nq	100
52) 3-Nitroaniline	9.89	138	182178	44.76	nq #	58
53) 2,4-Dinitrophenol	10.00	184	70585	47.23	nq #	66
54) Dibenzofuran	10.14	168	723411	38.46	nq	92
55) 4-Nitrophenol	10.04	139	145055	48.13	nq	84
56) 2,4-Dinitrotoluene	10.12	165	194897	42.26	nq #	80
57) Fluorene	10.49	166	568929	38.41	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	133737	40.80	nq #	100
59) Diethylphthalate	10.36	149	660255	39.21	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	270332	40.02	nq #	82
61) 4-Nitroaniline	10.50	138	163866	45.68	nq	94
62) Azobenzene	10.64	77	540670	35.22	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	120070	52.43	nq #	59
65) n-Nitrosodiphenylamine	10.60	169	588314	42.74	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	177319	39.40	nq #	87
67) Hexachlorobenzene	11.04	284	186379	38.28	nq	94
68) Atrazine	11.13	200	180238	46.02	nq	97
69) Pentachlorophenol	11.23	266	121905	44.39	nq	98
70) Phenanthrene	11.45	178	914260	42.76	nq	99
71) Anthracene	11.49	178	869775	39.17	nq	99
72) Carbazole	11.65	167	889699	43.00	nq	99
73) Di-n-butylphthalate	11.98	149	971961	38.68	nq	99
74) Fluoranthene	12.63	202	906810	41.05	nq	94
76) Benzidine	12.75	184	473559	49.65	nq	97
77) Pyrene	12.85	202	912948	36.90	nq	99
79) Butylbenzylphthalate	13.48	149	411509	38.76	nq #	80
80) Benzo(a)anthracene	14.04	228	726793	40.83	nq	100
81) 3,3'-Dichlorobenzidine	14.01	252	285034	44.39	nq #	95
82) Chrysene	14.08	228	620506	35.74	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	454428	37.60	nq	99
84) Di-n-octyl phthalate	14.65	149	766990	39.94	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	696767	40.87	nq #	100
87) Benzo(b)fluoranthene	15.07	252	598988m	37.29	nq	
88) Benzo(k)fluoranthene	15.11	252	631698m	43.40	nq	
89) Benzo(a)pyrene	15.43	252	575506	40.14	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	563596	39.54	nq	99
91) Benzo(g,h,i)perylene	17.35	276	593453	40.50	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

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BNA_F

ClientSampleId :

SSTDCCC040

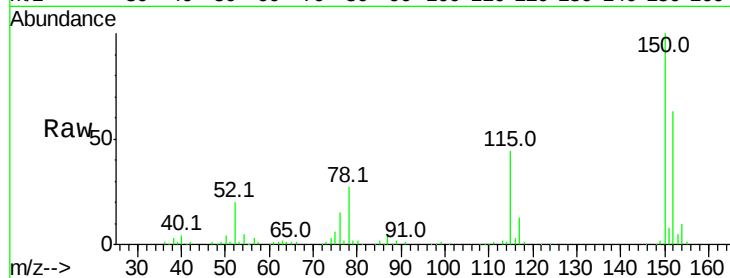
Tot Ion:152 Resp: 113771

Ion Ratio Lower Upper

152 100

150 158.8 126.5 189.7

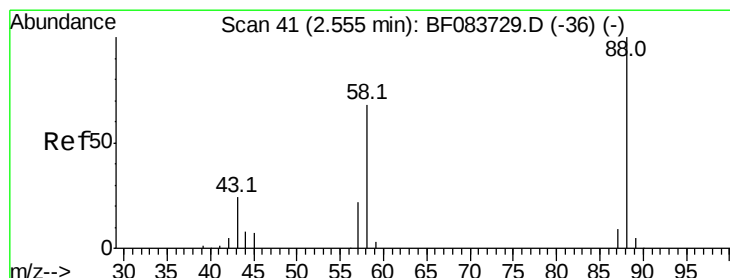
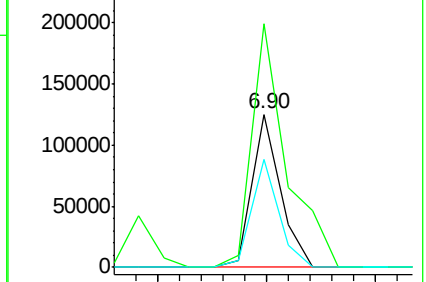
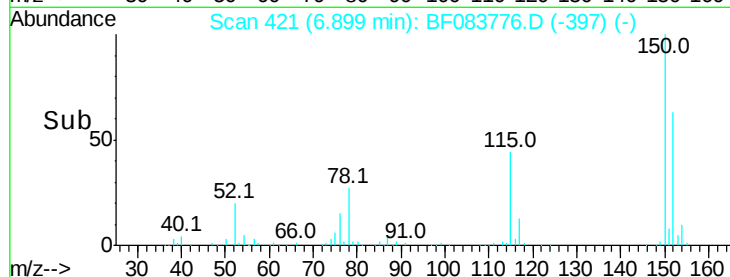
115 70.1 52.3 78.5



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: 38.66 ng

RT: 2.51 min Scan# 37

Delta R.T. -0.06 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

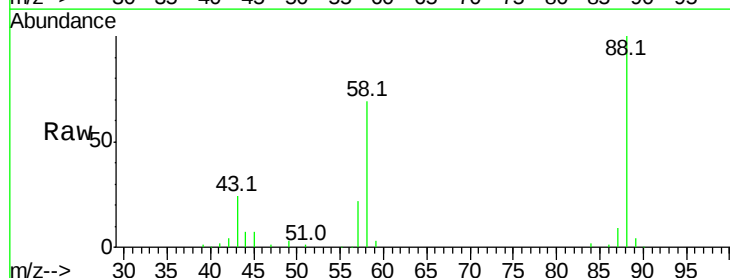
Tgt Ion: 88 Resp: 131852

Ion Ratio Lower Upper

88 100

58 68.0 68.0 102.0

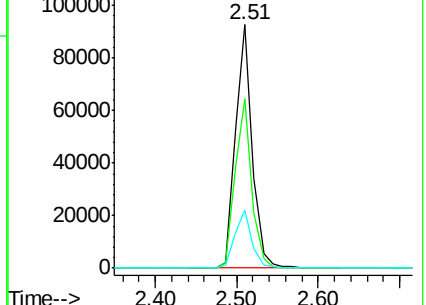
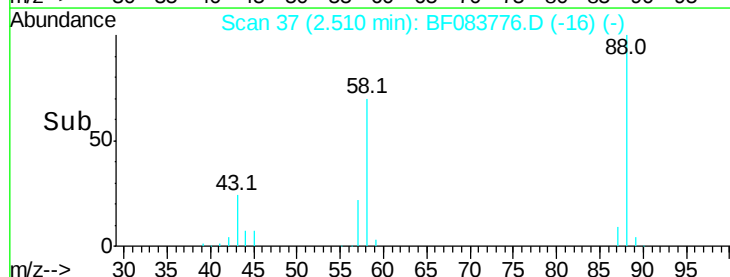
43 23.9 27.9 41.9#

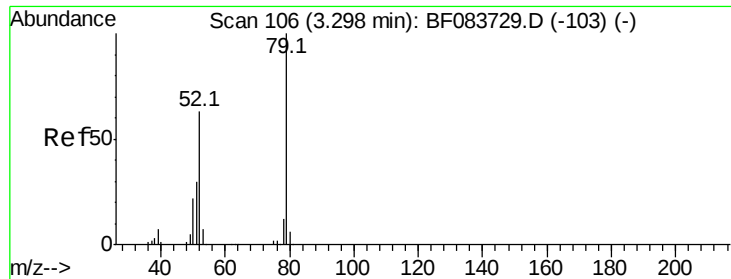


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

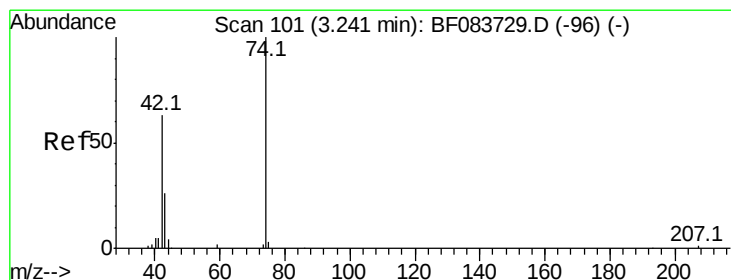
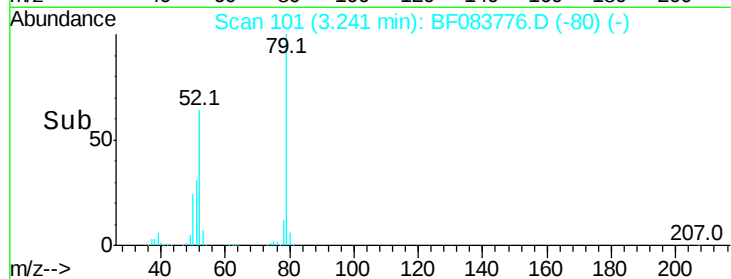
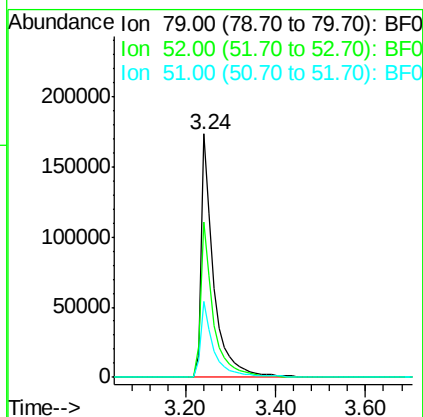
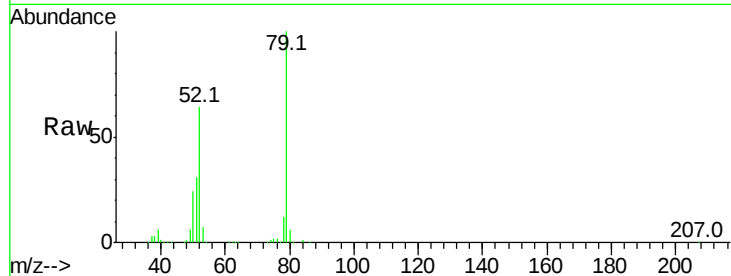




#3
 Pvridine
 Concen: 38.92 ng
 RT: 3.24 min Scan# 101
 Delta R.T. -0.06 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

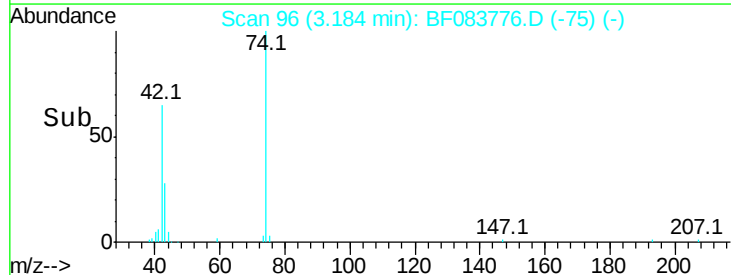
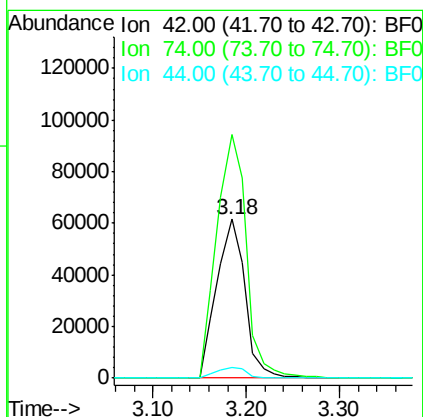
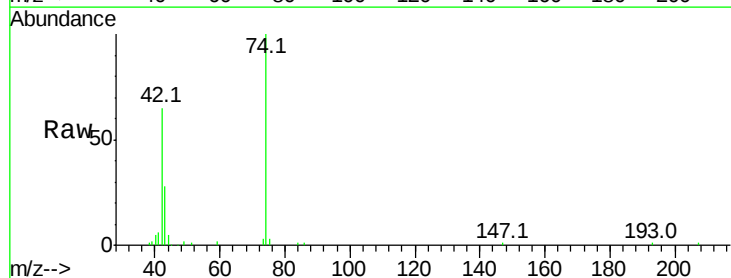
Instrument :
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 SSTDCCC040

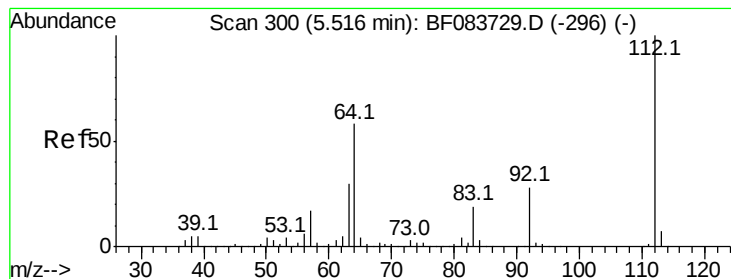
Tot Ion: 79 Resp: 333891
 Ion Ratio Lower Upper
 79 100
 52 63.9 63.7 95.5
 51 31.1 30.6 45.8



#4
 n-Nitrosodimethylamine
 Concen: 40.24 ng
 RT: 3.18 min Scan# 96
 Delta R.T. -0.06 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion: 42 Resp: 130633
 Ion Ratio Lower Upper
 42 100
 74 153.6 92.9 139.3#
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 84.47 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

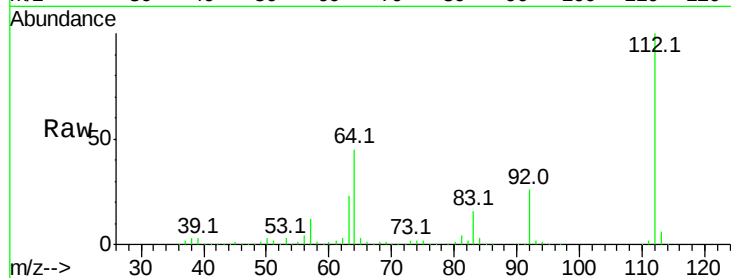
Tot Ion:112 Resp: 595693

Ion Ratio Lower Upper

112 100

64 44.8 50.5 75.7#

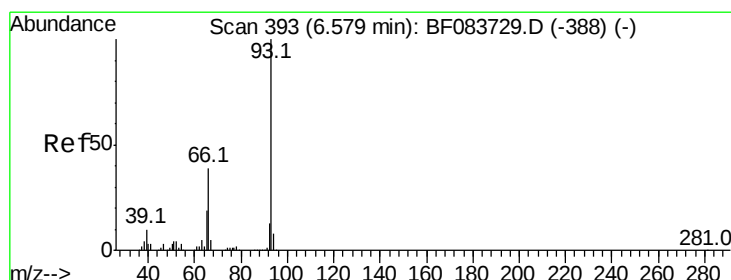
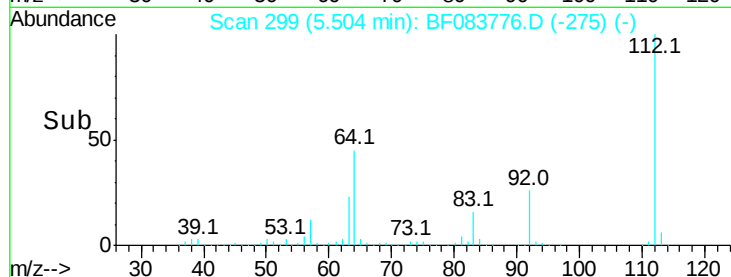
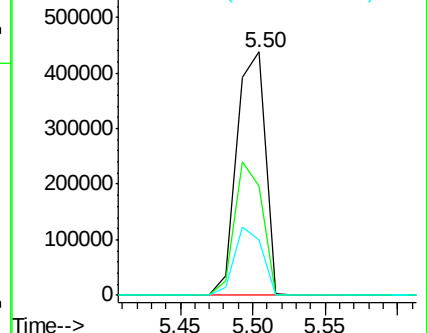
63 22.6 25.8 38.6#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.14 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

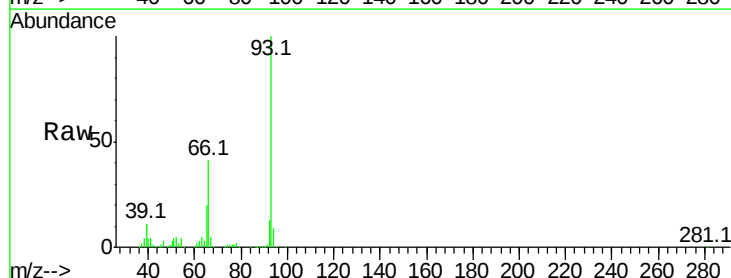
Tgt Ion: 93 Resp: 499109

Ion Ratio Lower Upper

93 100

66 40.9 41.3 61.9#

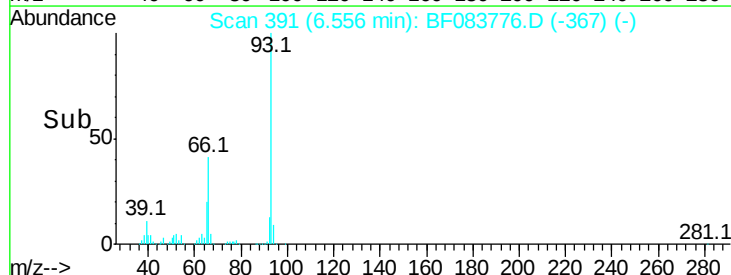
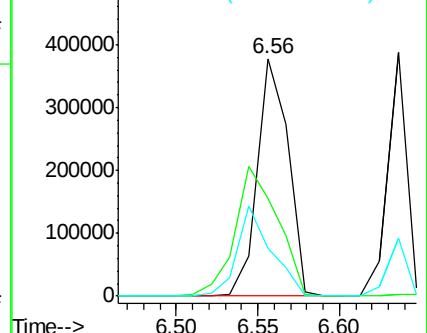
65 20.0 20.8 31.2#

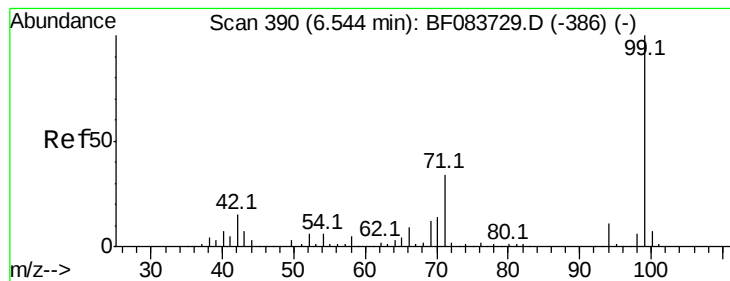


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.34 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083776.D

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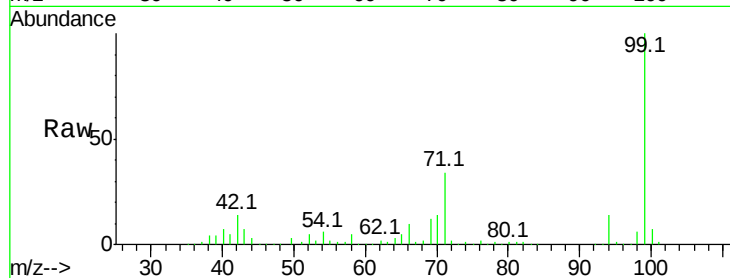
Tot Ion: 99 Resp: 735352

Ion Ratio Lower Upper

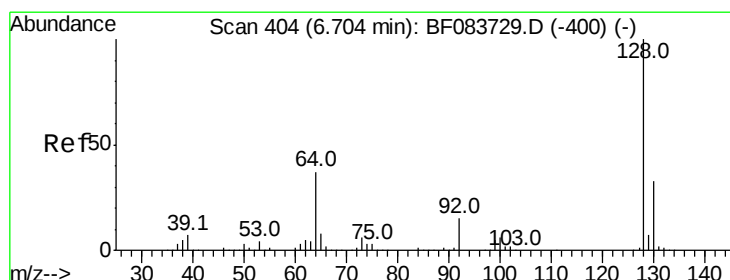
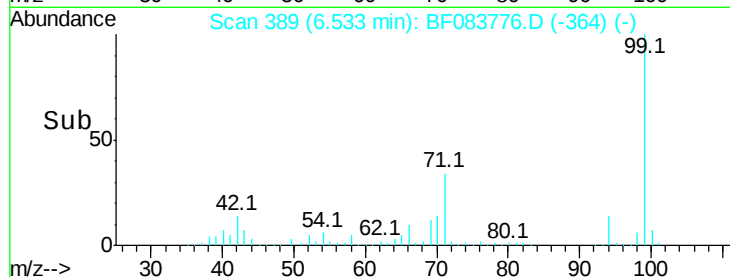
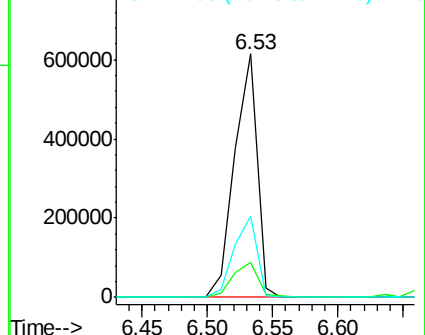
99 100

42 14.5 17.3 25.9#

71 33.5 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: 39.38 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

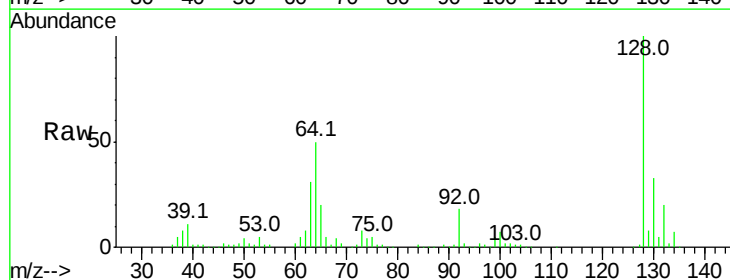
Tgt Ion: 128 Resp: 326373

Ion Ratio Lower Upper

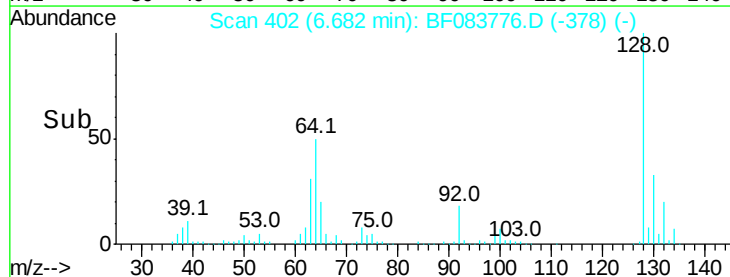
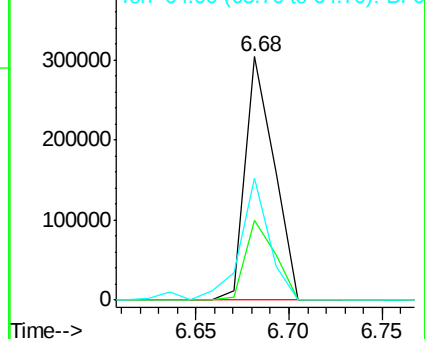
128 100

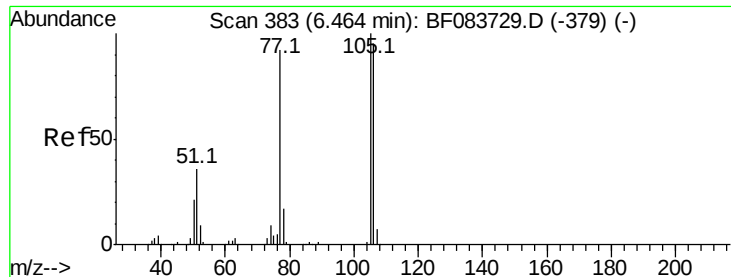
130 32.5 12.6 52.6

64 50.1 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: 38.83 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

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ClientSampleId :

SSTDCCC040

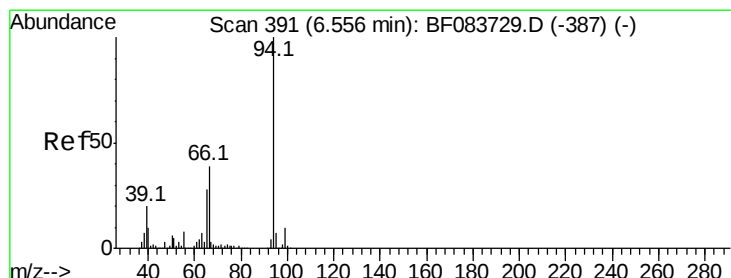
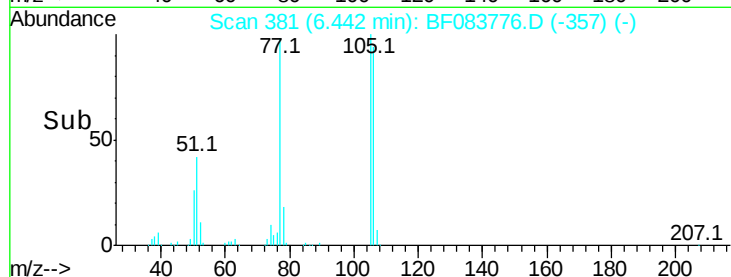
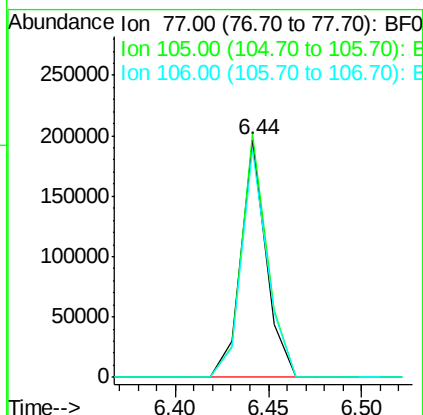
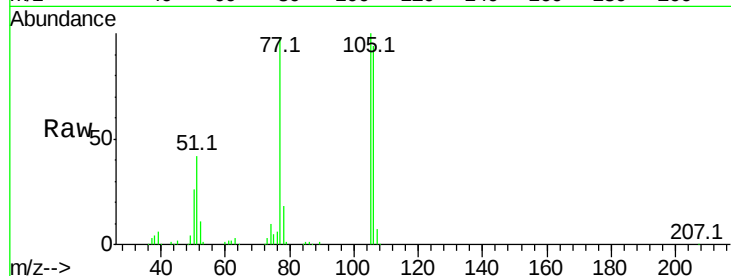
Tot Ion: 77 Resp: 186230

Ion Ratio Lower Upper

77 100

105 102.4 71.8 111.8

106 95.9 66.8 106.8



#10

Phenol

Concen: 42.60 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

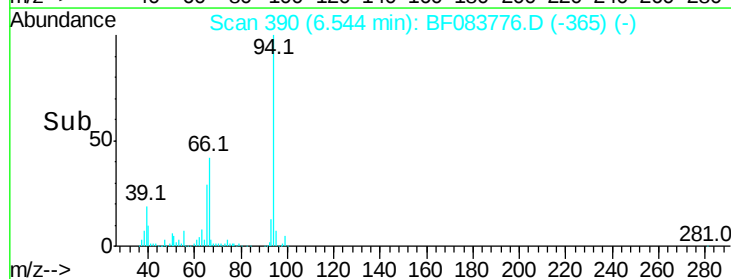
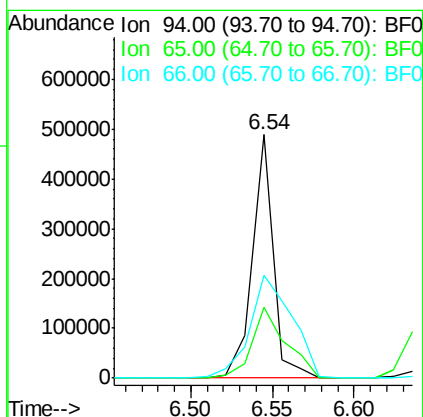
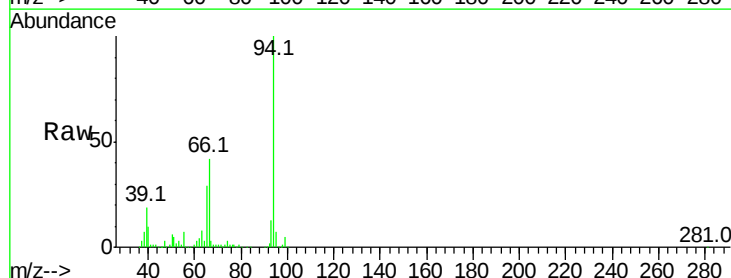
Tgt Ion: 94 Resp: 437873

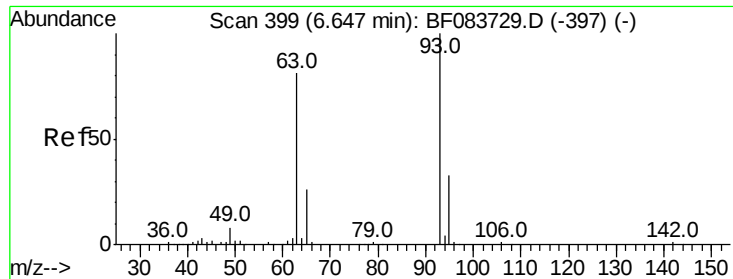
Ion Ratio Lower Upper

94 100

65 29.2 20.9 60.9

66 42.0 41.6 81.6

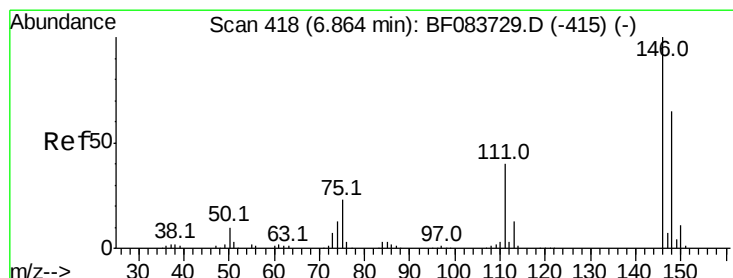
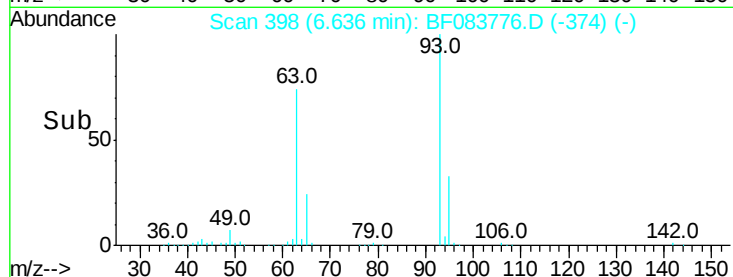
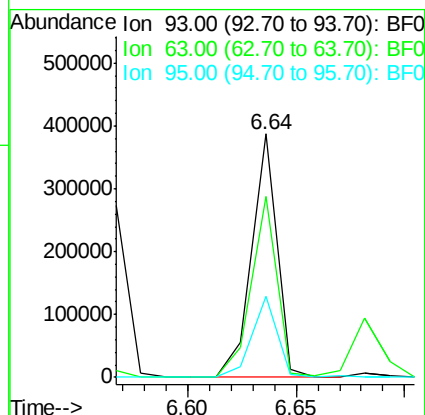
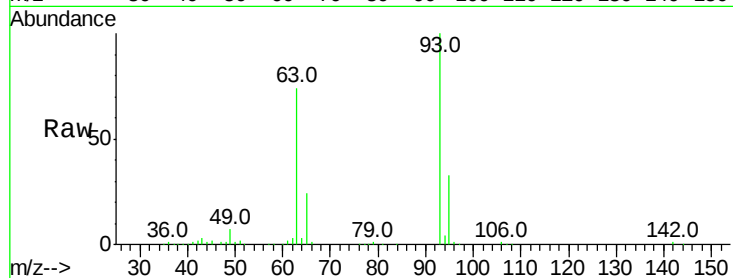




#11
bis(2-Chloroethyl)ether
Concen: 41.78 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

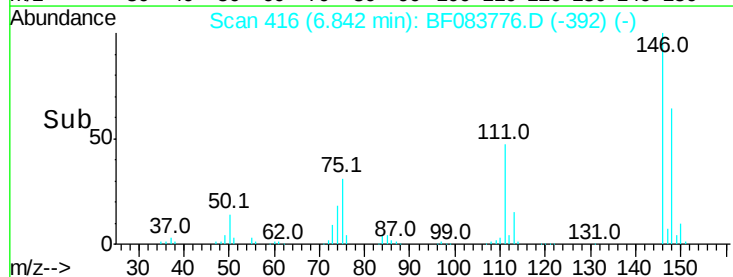
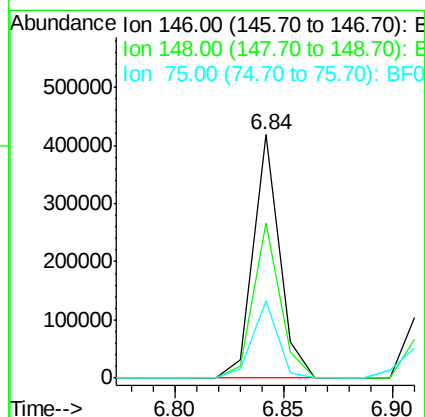
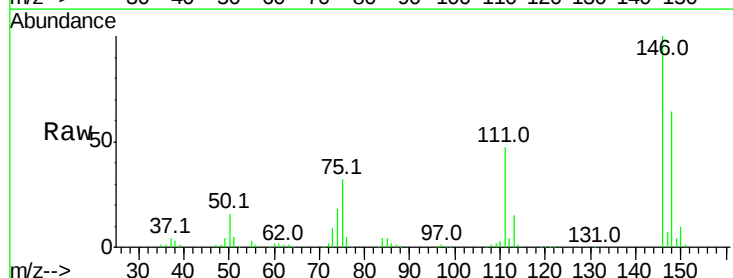
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

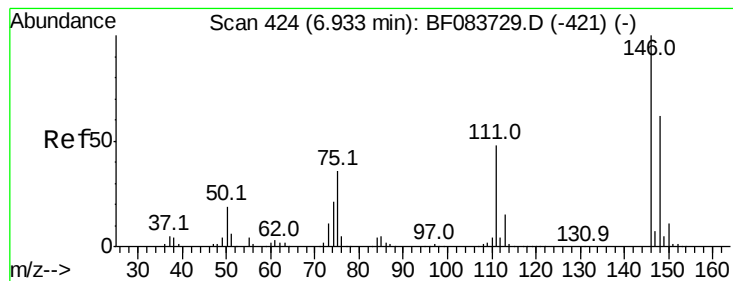
Tot Ion: 93 Resp: 311001
Ion Ratio Lower Upper
93 100
63 74.1 64.7 104.7
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.09 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Tgt Ion: 146 Resp: 352546
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 31.8 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 42.11 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

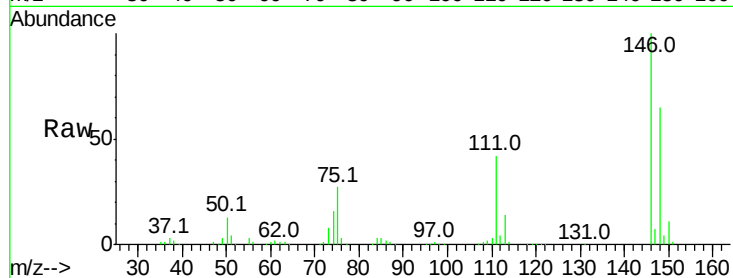
Tot Ion:146 Resp: 374213

Ion Ratio Lower Upper

146 100

148 65.4 50.6 76.0

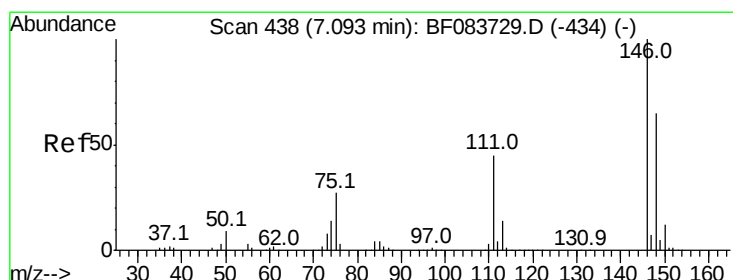
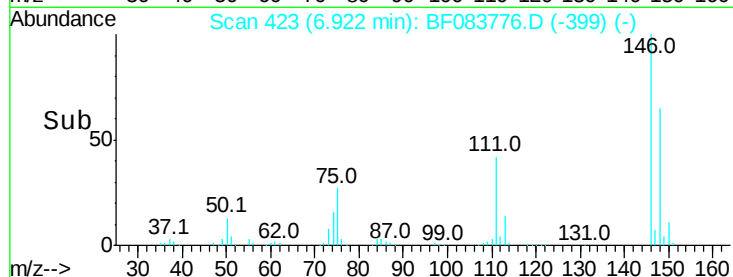
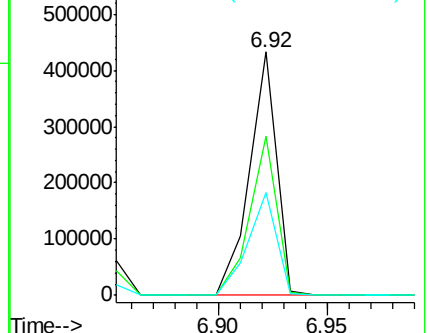
111 42.1 36.1 54.1



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: 39.62 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

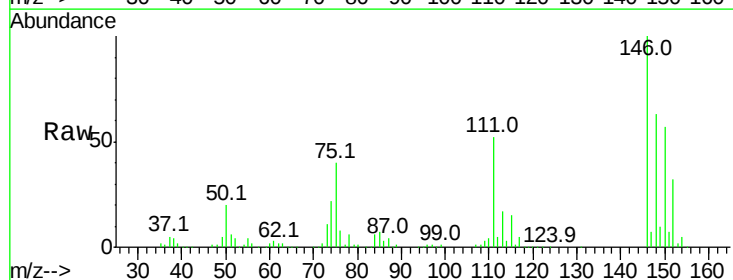
Tgt Ion:146 Resp: 316388

Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.0

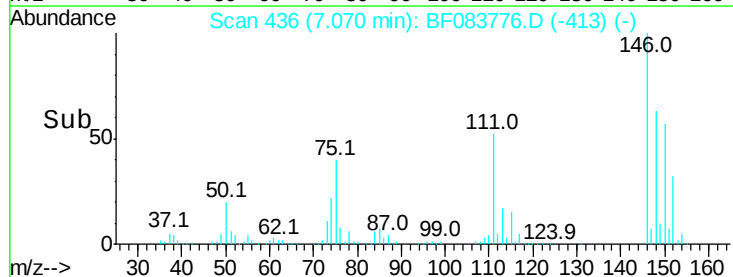
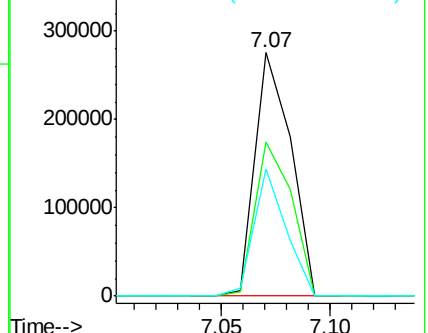
111 52.0 36.7 55.1

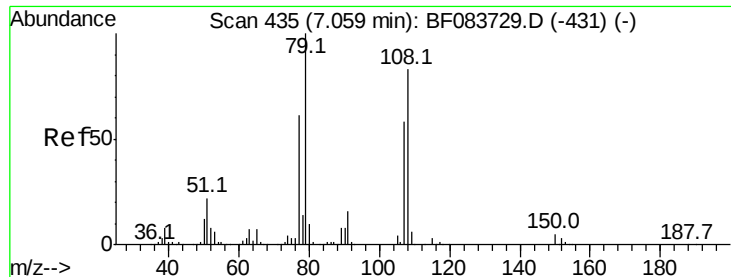


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.30 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

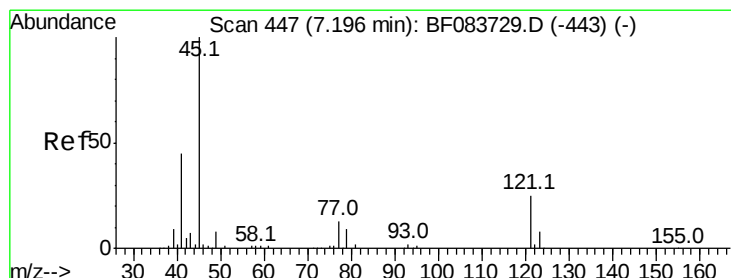
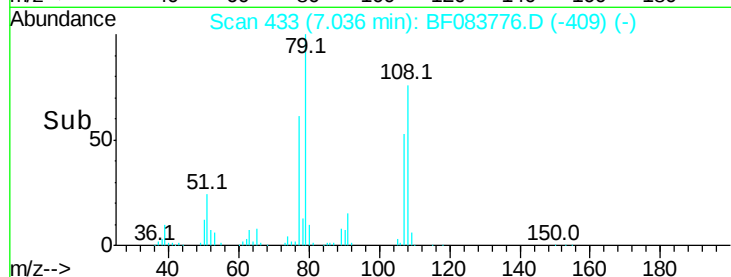
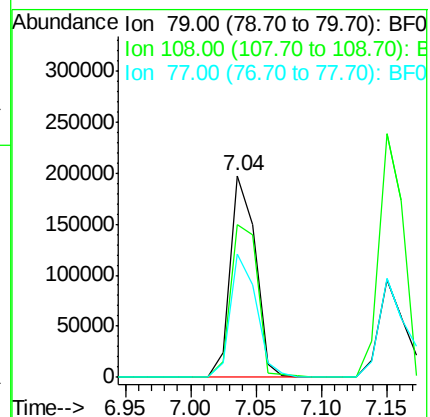
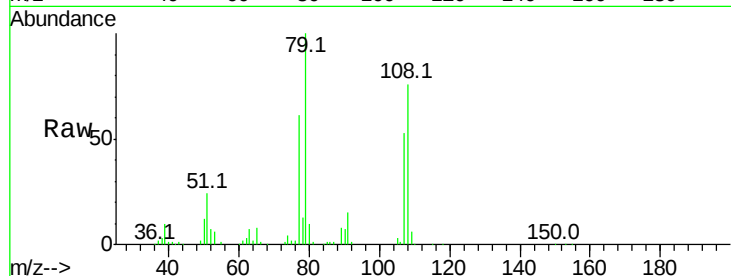
Tot Ion: 79 Resp: 264383

Ion Ratio Lower Upper

79 100

108 75.8 59.6 89.4

77 61.2 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.50 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

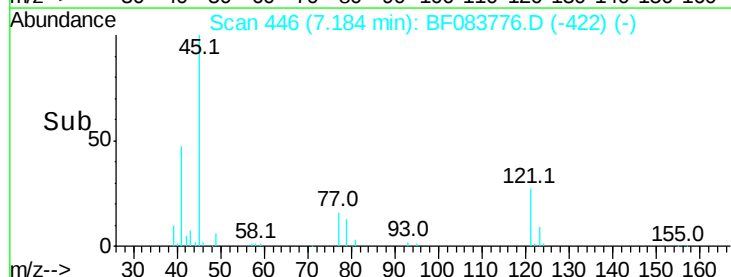
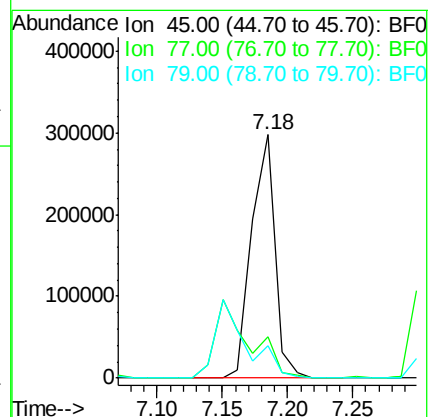
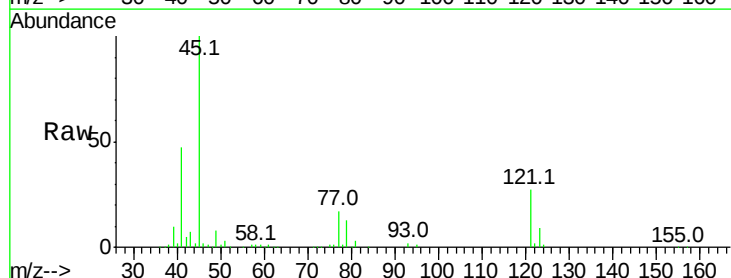
Tgt Ion: 45 Resp: 372121

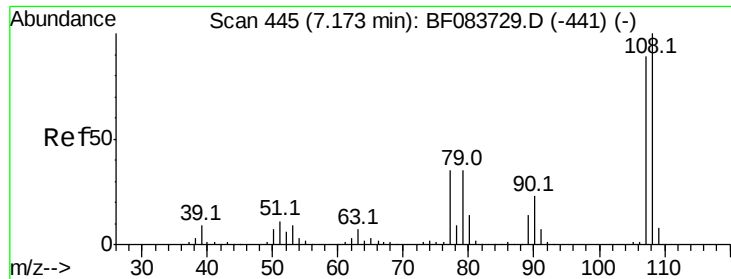
Ion Ratio Lower Upper

45 100

77 16.8 12.8 52.8

79 13.4 10.7 50.7

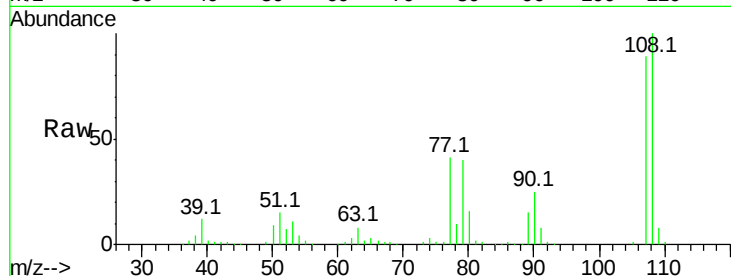




#17
2-Methylphenol
Concen: 41.26 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.6	137.4
77	45.6	53.7	80.5#
79	45.1	50.2	75.4#



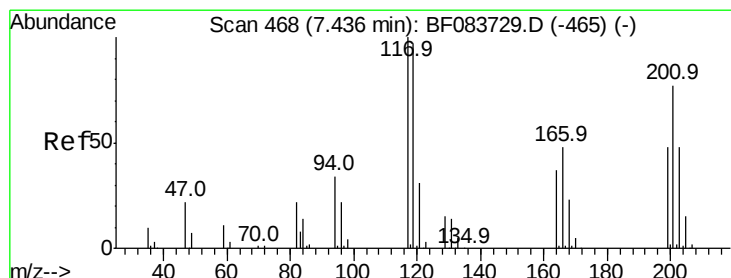
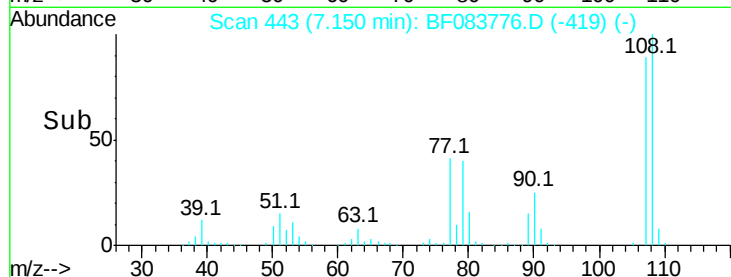
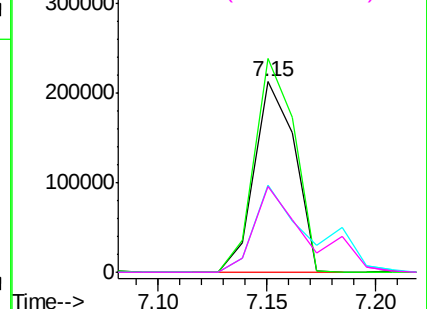
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

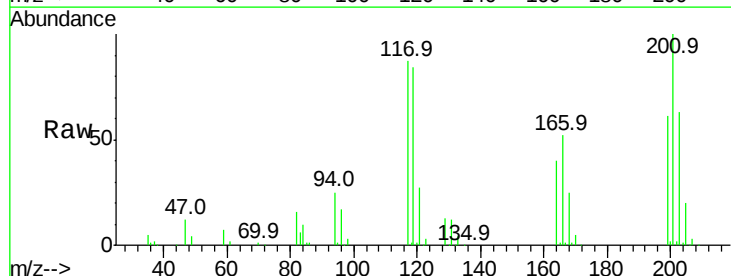
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.16 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
201	114.6	86.8	130.2

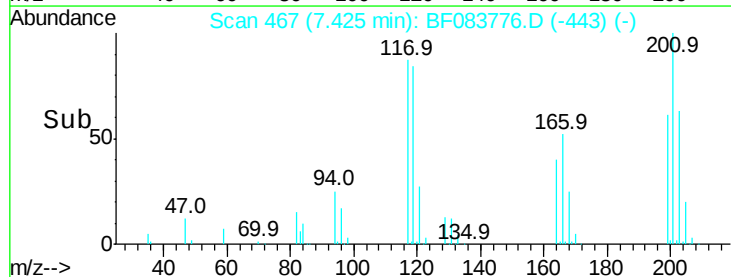
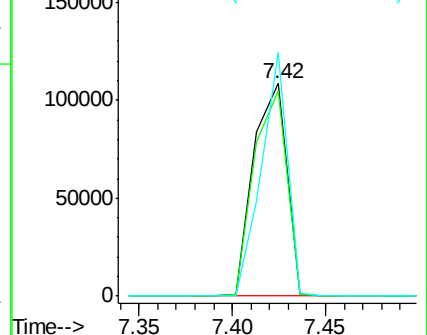


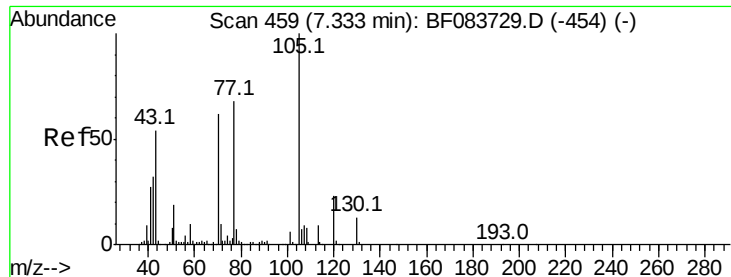
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

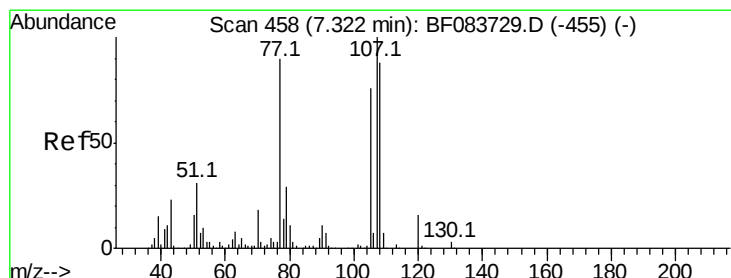
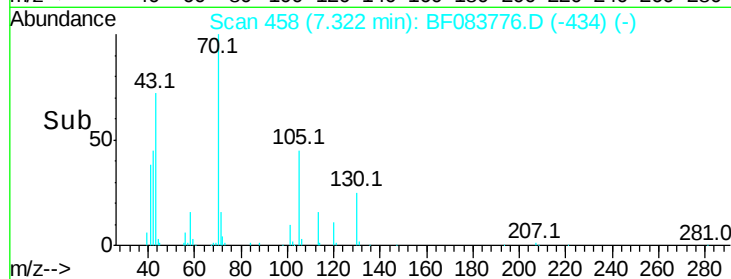
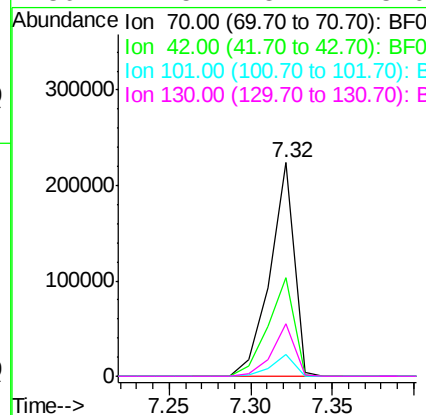
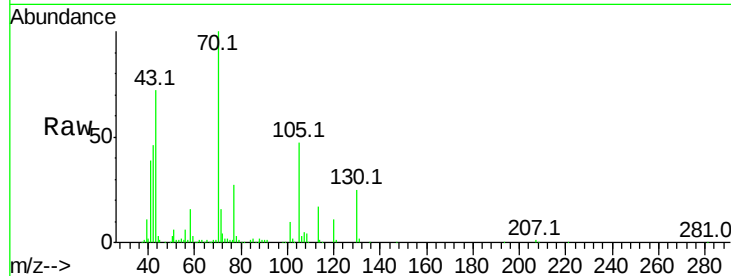




#19
n-Nitroso-di-n-propylamine
Concen: 42.31 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

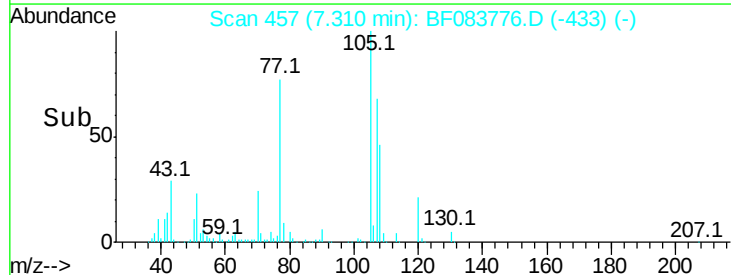
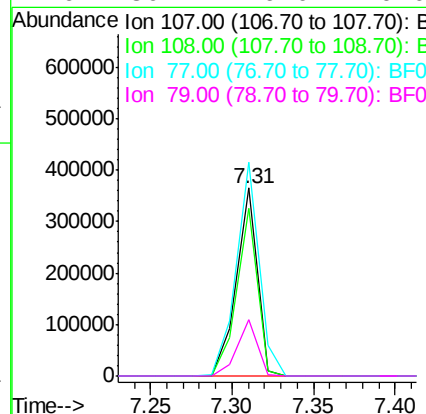
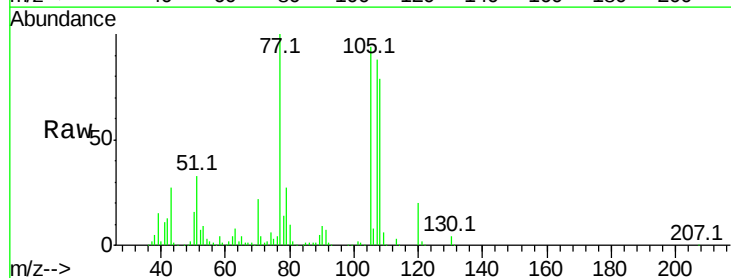
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

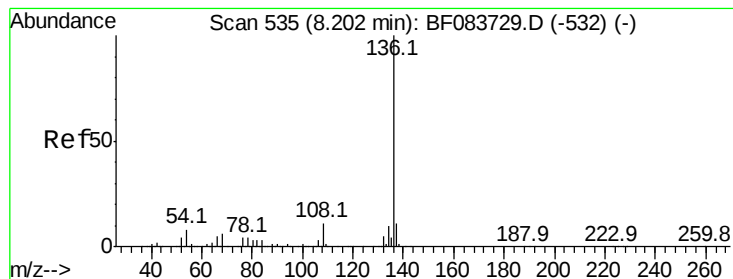
Tot Ion: 70 Resp: 231386
Ion Ratio Lower Upper
70 100
42 46.1 49.2 73.8#
101 10.2 7.1 10.7
130 24.5 15.4 23.0#



#20
3+4-Methylphenols
Concen: 40.93 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Tgt Ion:107 Resp: 321912
Ion Ratio Lower Upper
107 100
108 89.5 65.2 105.2
77 113.6 15.2 55.2#
79 30.2 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: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 468101

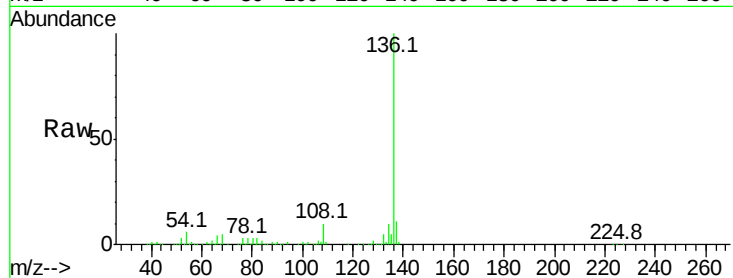
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 5.9 7.8 11.6#

68 4.9 5.7 8.5#

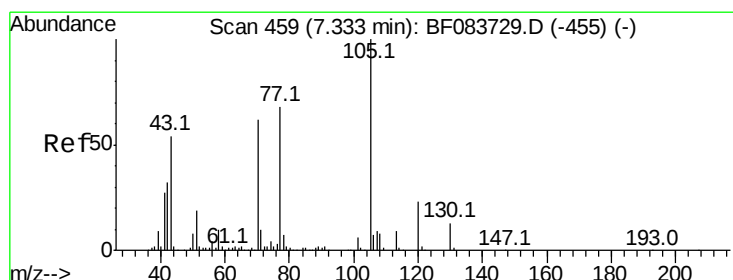
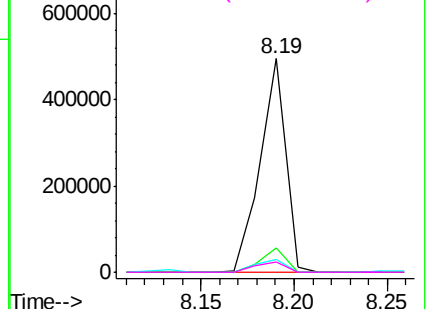
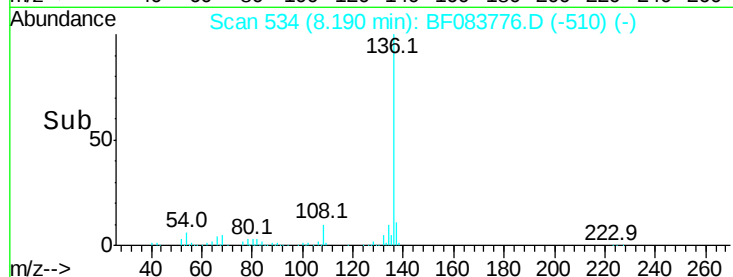


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.28 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Tgt Ion:105 Resp: 405083

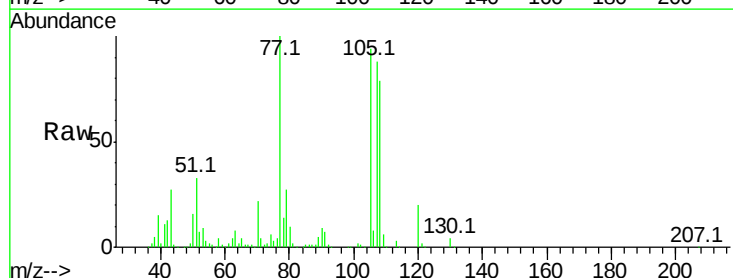
Ion Ratio Lower Upper

105 100

71 3.9 1.3 1.9#

51 34.8 23.8 35.8

120 21.0 16.7 25.1

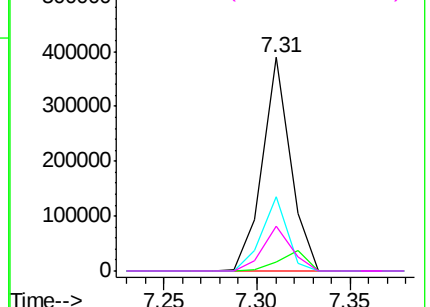
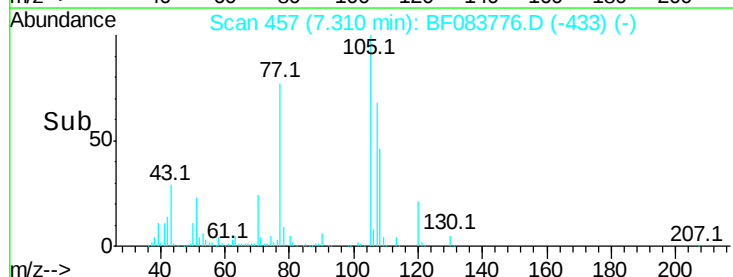


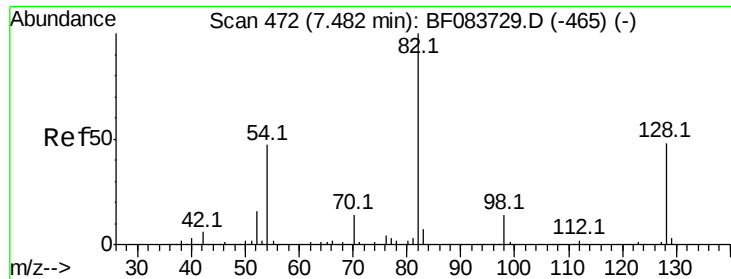
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

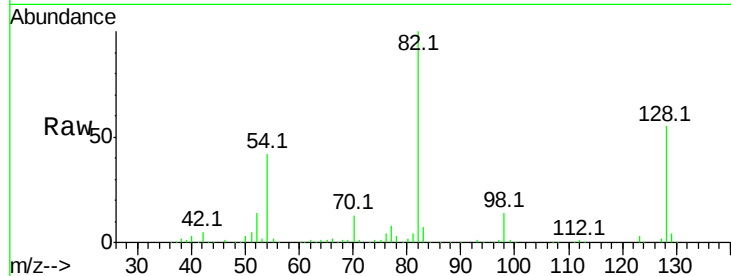




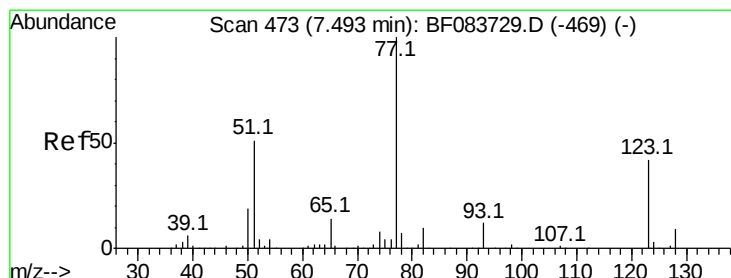
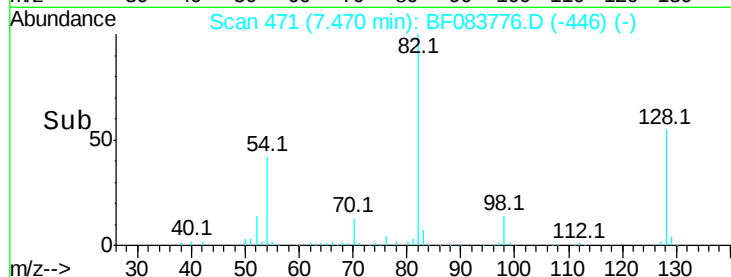
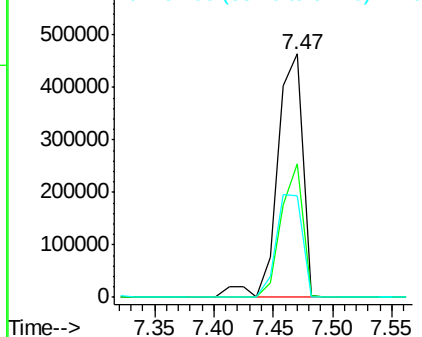
#23
 Nitrobenzene-d5
 Concen: 80.78 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 675910
 Ion Ratio Lower Upper
 82 100
 128 54.7 30.7 46.1#
 54 41.7 42.5 63.7#

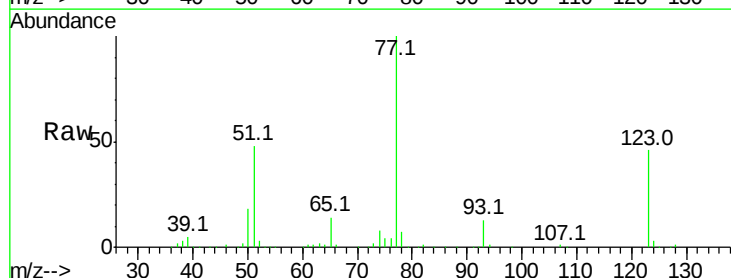


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

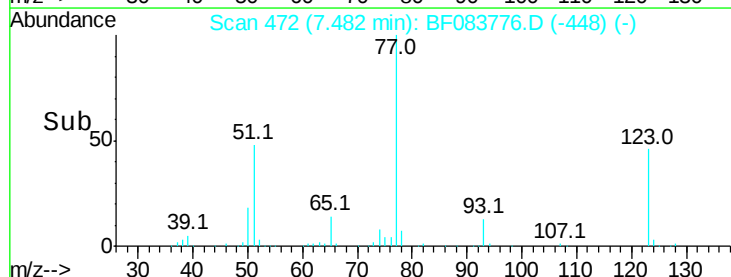
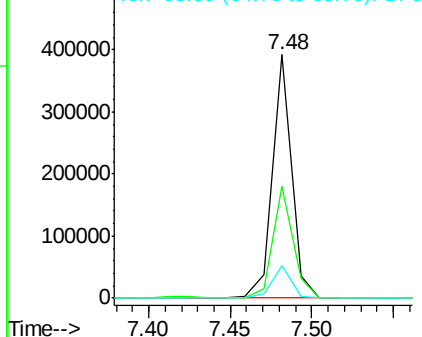


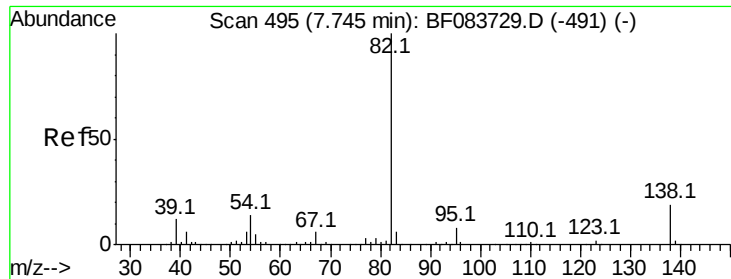
#24
 Nitrobenzene
 Concen: 36.90 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion: 77 Resp: 321334
 Ion Ratio Lower Upper
 77 100
 123 45.7 29.8 44.6#
 65 13.6 11.1 16.7



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





#25

Isophorone

Concen: 37.09 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

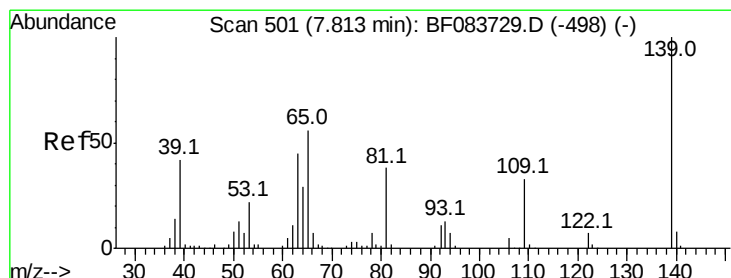
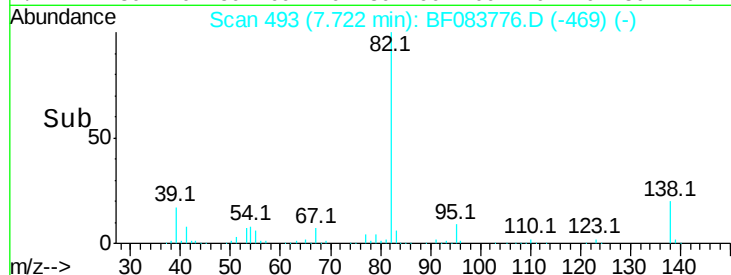
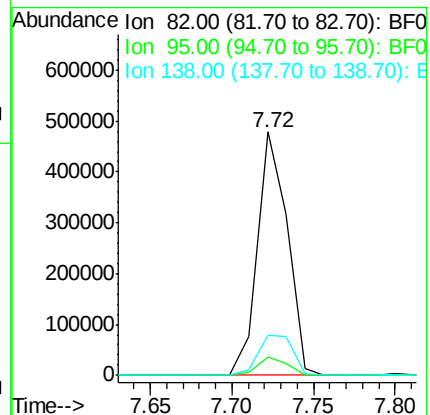
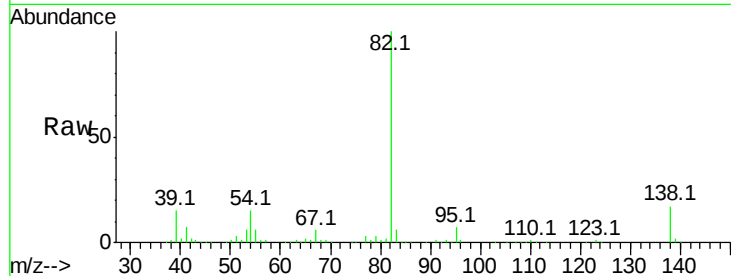
Tot Ion: 82 Resp: 608812

Ion Ratio Lower Upper

82 100

95 7.4 5.0 7.4

138 16.6 12.1 18.1



#26

2-Nitrophenol

Concen: 45.21 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

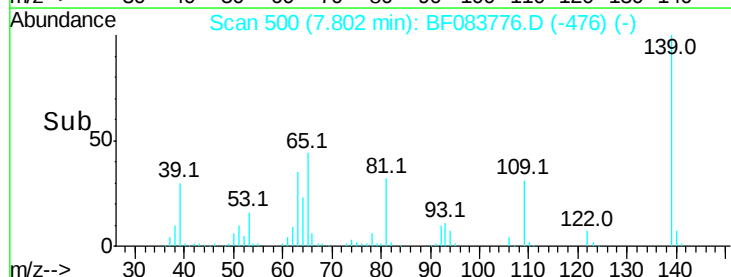
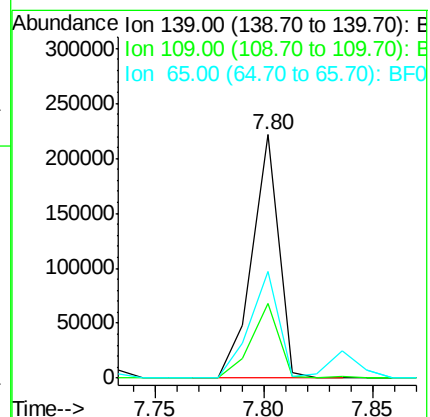
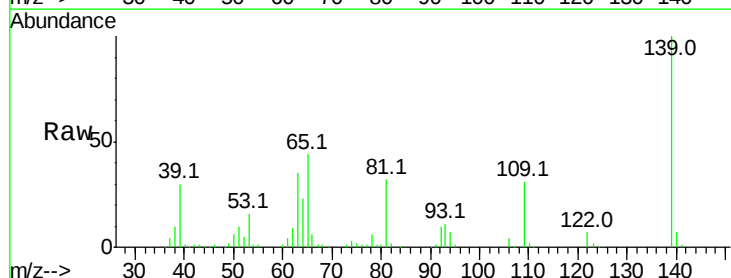
Tgt Ion:139 Resp: 189140

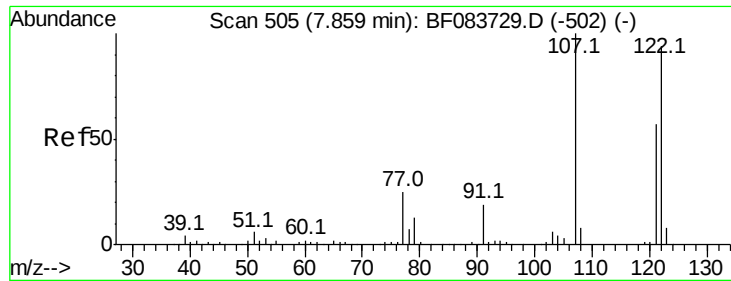
Ion Ratio Lower Upper

139 100

109 30.5 22.7 34.1

65 43.6 51.8 77.8#

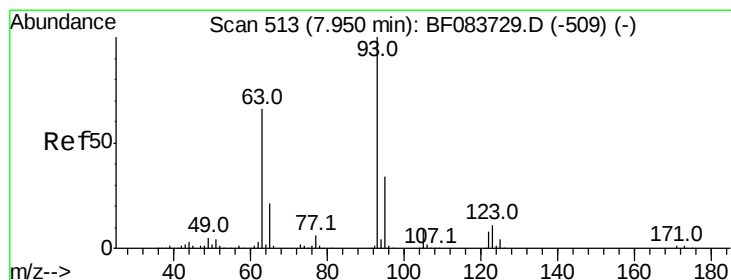
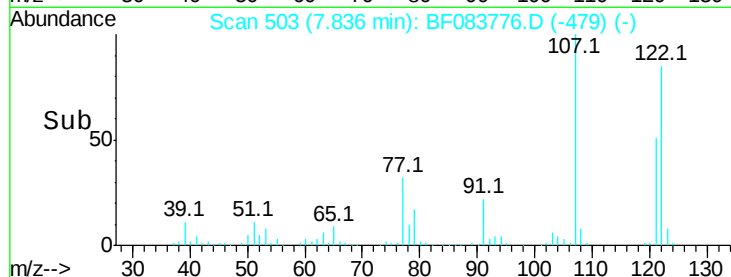
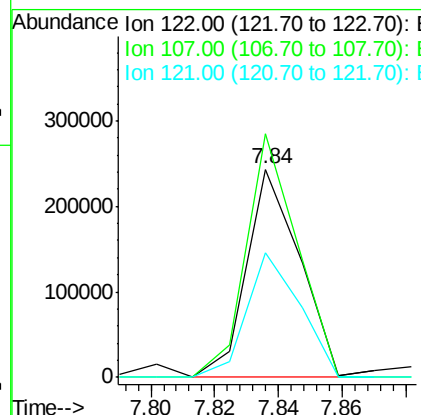
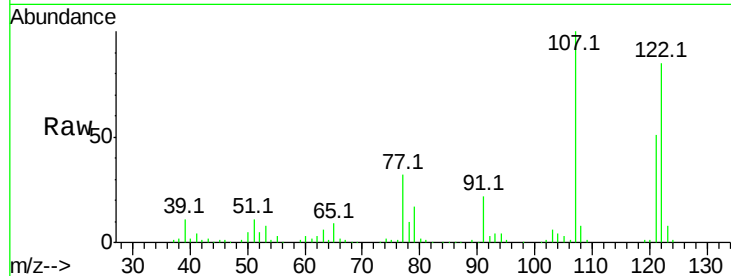




#27
 2,4-Dimethylphenol
 Concen: 34.24 ng/ml
 RT: 7.84 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

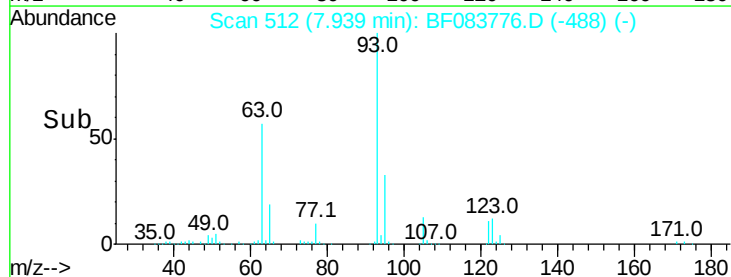
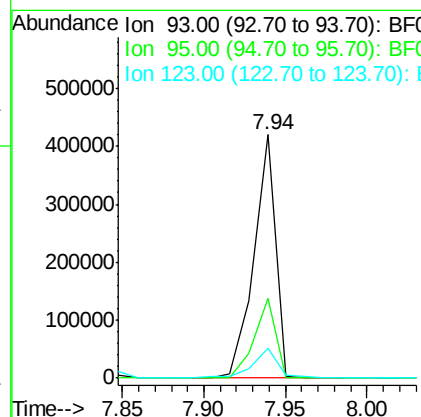
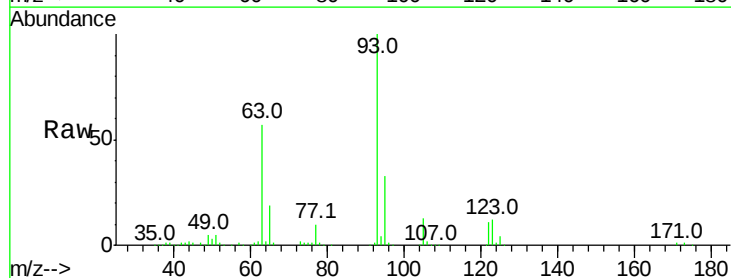
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

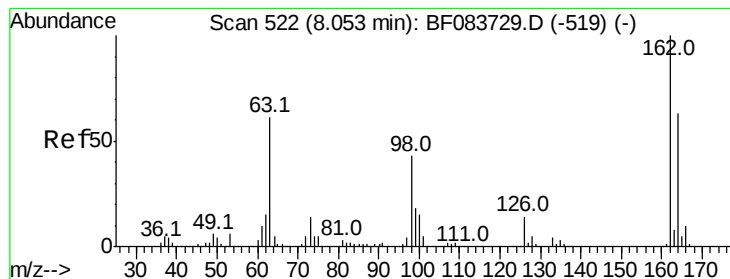
Tot Ion: 122 Resp: 281474
 Ion Ratio Lower Upper
 122 100
 107 117.1 92.4 138.6
 121 59.7 45.8 68.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.21 ng/ml
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion: 93 Resp: 386029
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.6 38.4
 123 12.4 7.3 10.9#





#29

2,4-Dichlorophenol

Concen: 39.84 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

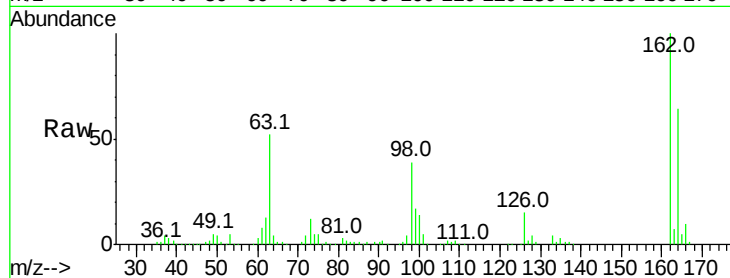
Tot Ion:162 Resp: 268848

Ion Ratio Lower Upper

162 100

164 63.8 43.4 83.4

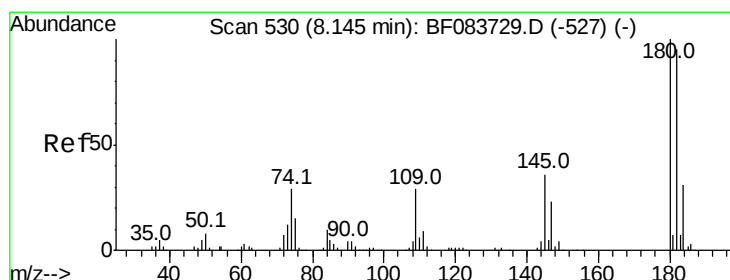
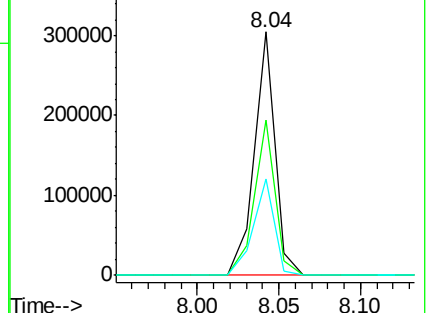
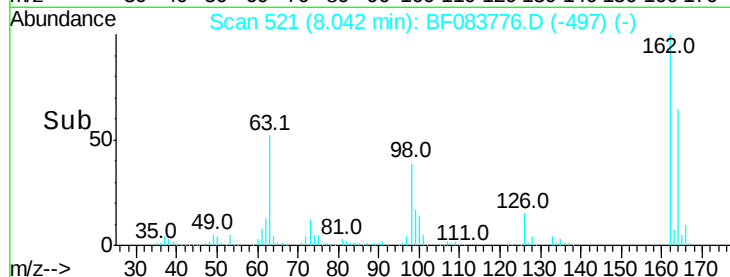
98 39.5 17.5 57.5



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): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.38 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

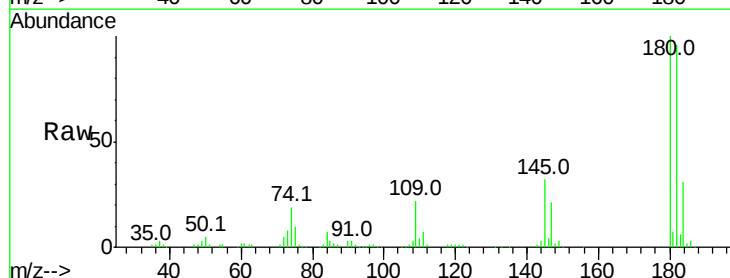
Tgt Ion:180 Resp: 289550

Ion Ratio Lower Upper

180 100

182 96.5 74.9 112.3

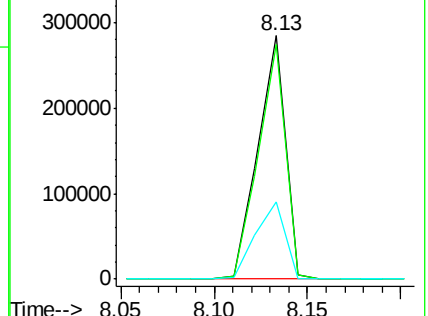
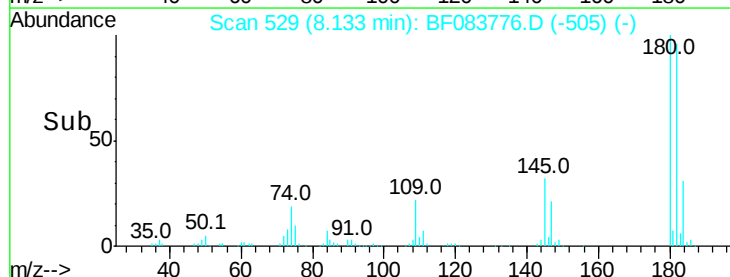
145 31.8 24.7 37.1

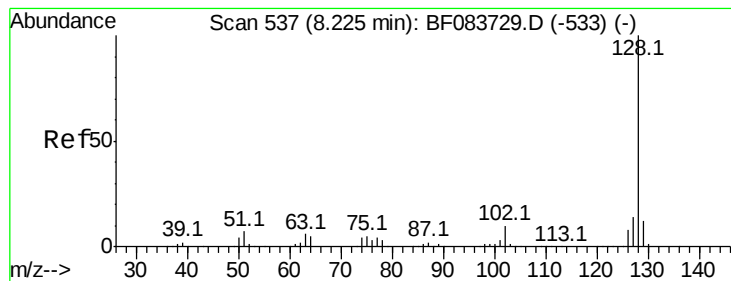


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.18 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

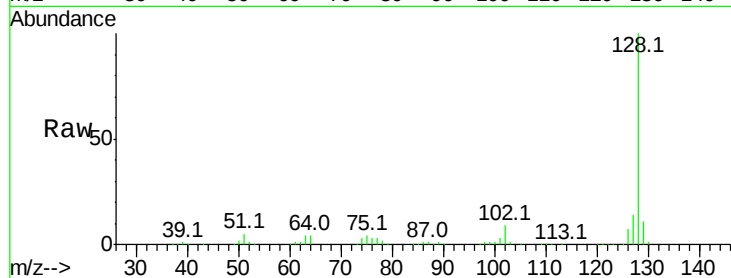
Tot Ion:128 Resp: 980374

Ion Ratio Lower Upper

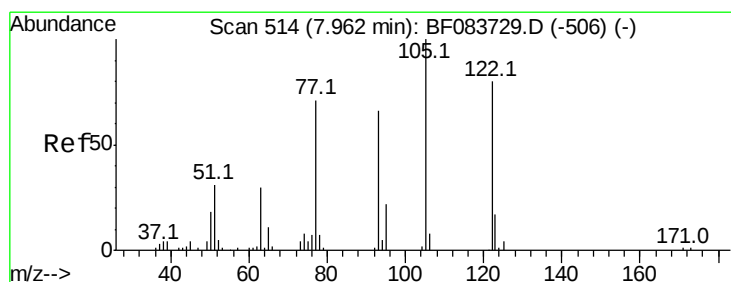
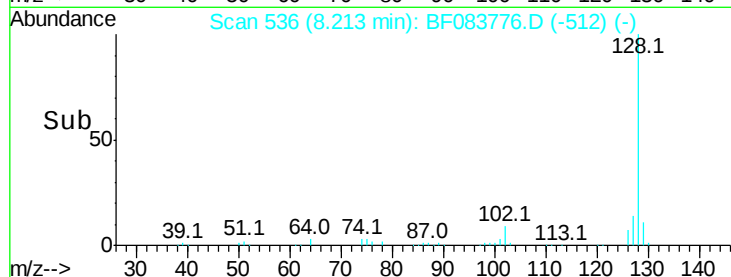
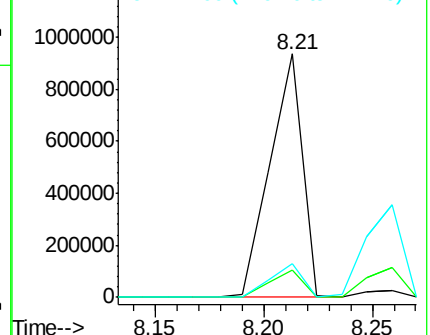
128 100

129 11.1 8.6 13.0

127 13.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.17 ng m

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

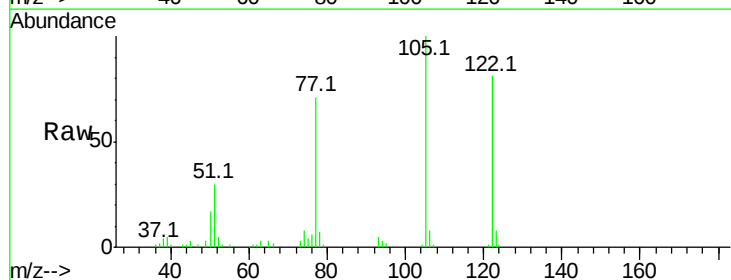
Tgt Ion:122 Resp: 231394

Ion Ratio Lower Upper

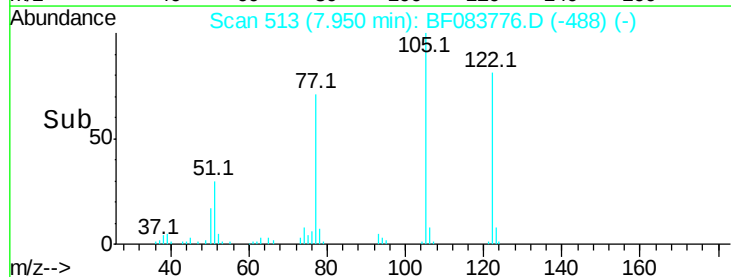
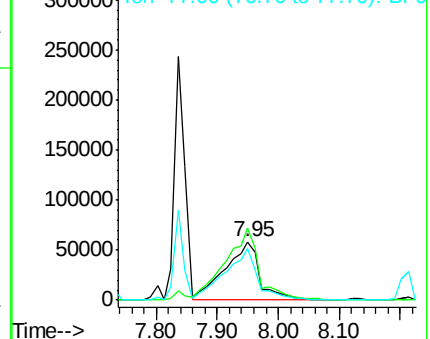
122 100

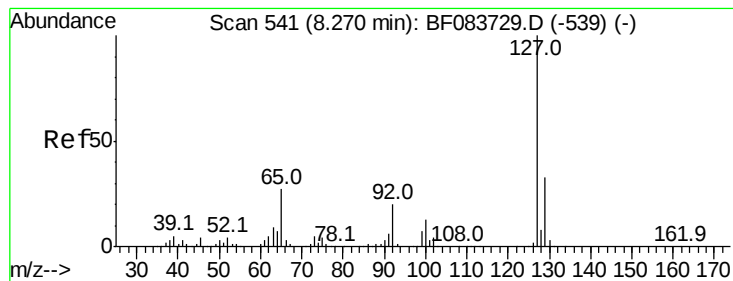
105 124.0 105.6 145.6

77 88.5 86.8 126.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.57 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 414277

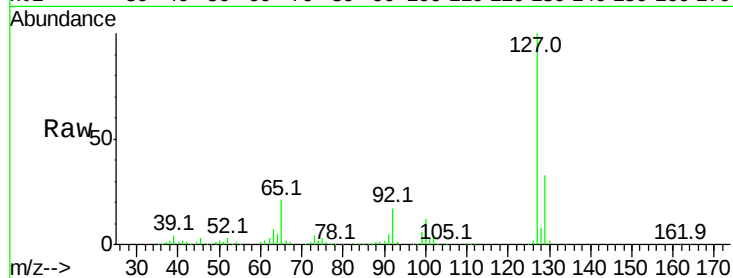
Ion Ratio Lower Upper

127 100

129 32.8 26.1 39.1

65 20.8 33.5 50.3#

92 16.5 18.6 28.0#

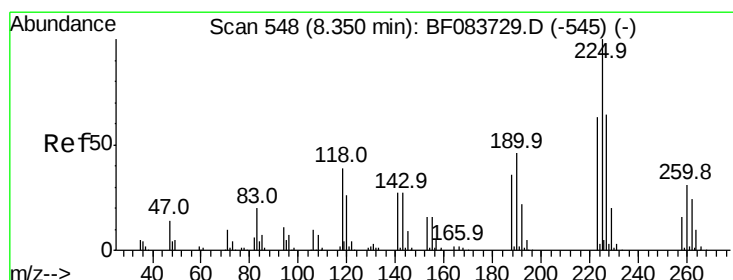
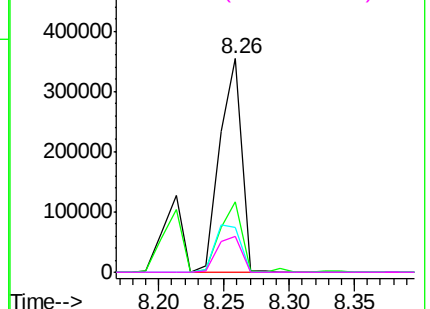
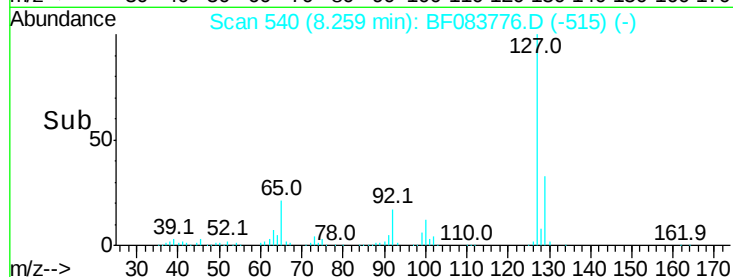


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.16 ng

RT: 8.34 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

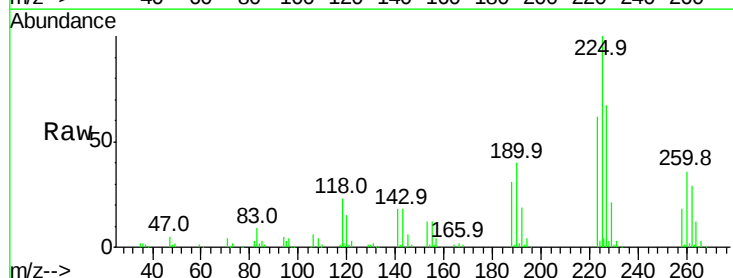
Tgt Ion:225 Resp: 154218

Ion Ratio Lower Upper

225 100

223 61.6 52.3 78.5

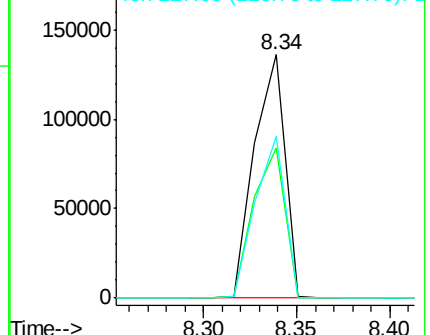
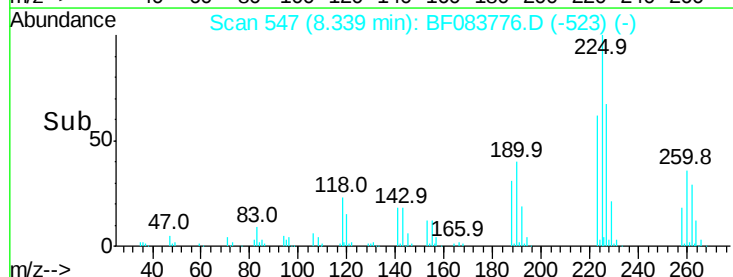
227 66.5 50.4 75.6

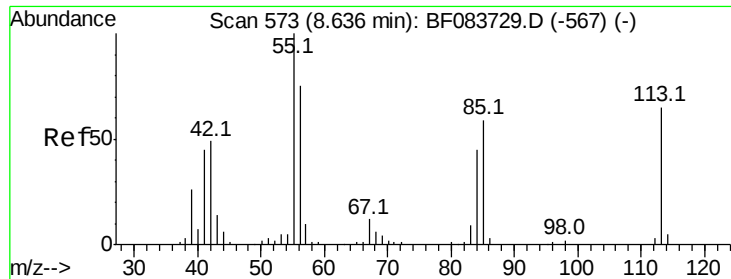


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

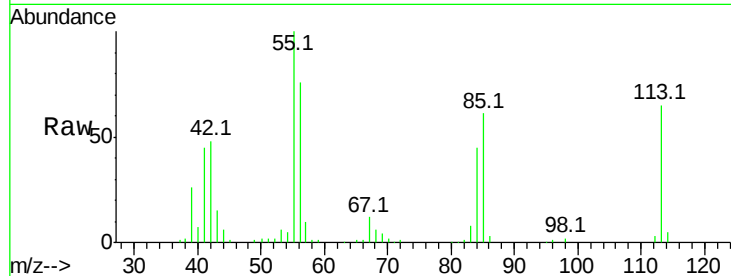




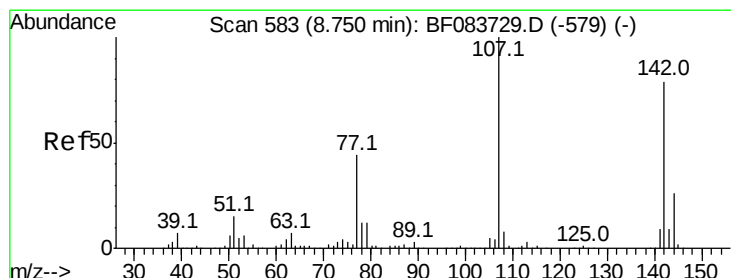
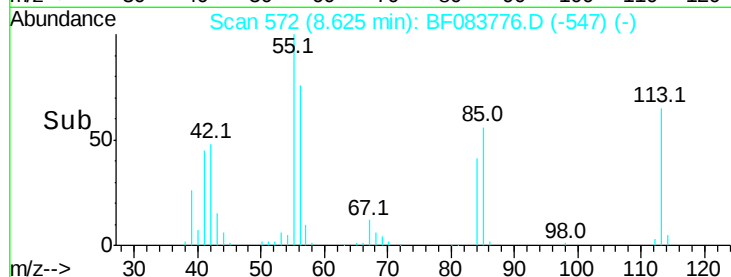
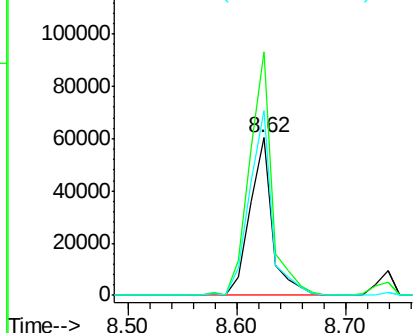
#35
 Caprolactam
 Concen: 39.84 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 86323
 Ion Ratio Lower Upper
 113 100
 55 154.3 189.7 229.7#
 56 117.0 130.7 170.7#

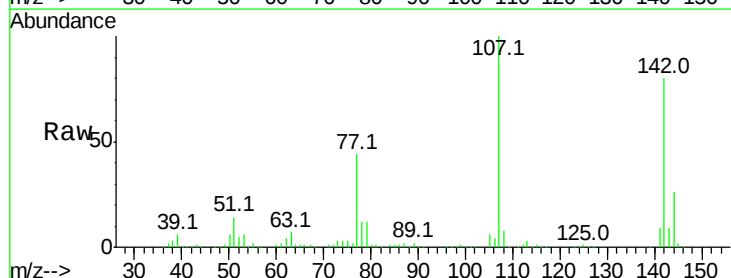


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

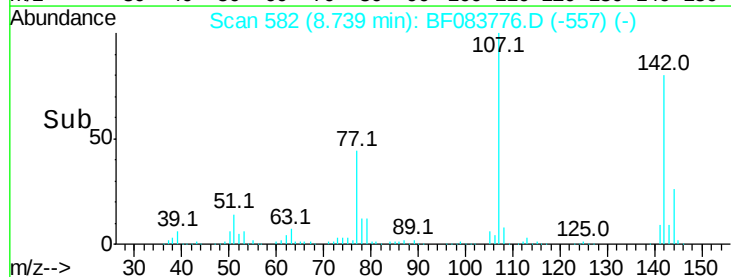
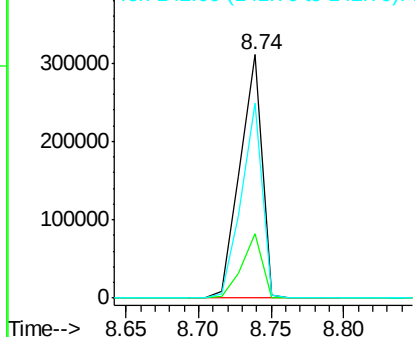


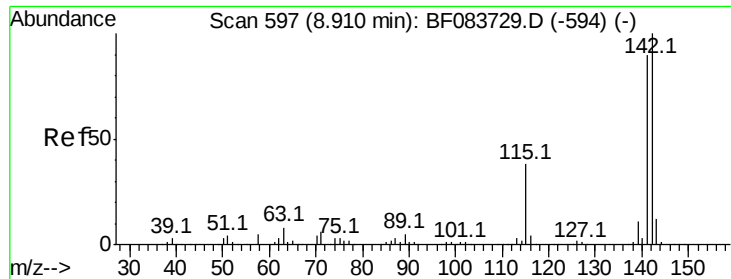
#36
 4-Chloro-3-methylphenol
 Concen: 41.71 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion:107 Resp: 329255
 Ion Ratio Lower Upper
 107 100
 144 26.4 17.5 26.3#
 142 79.9 53.6 80.4



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

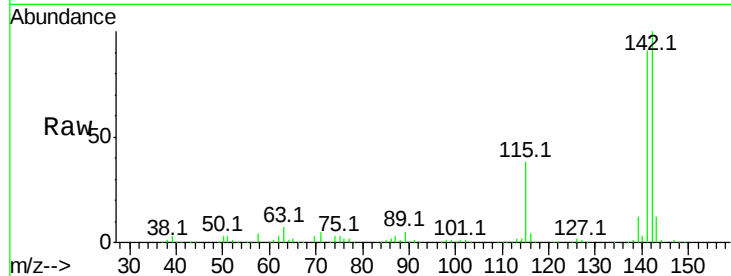




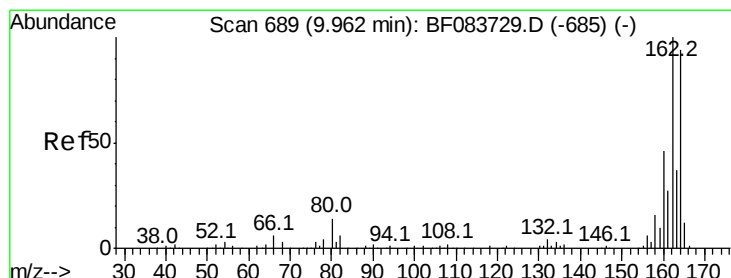
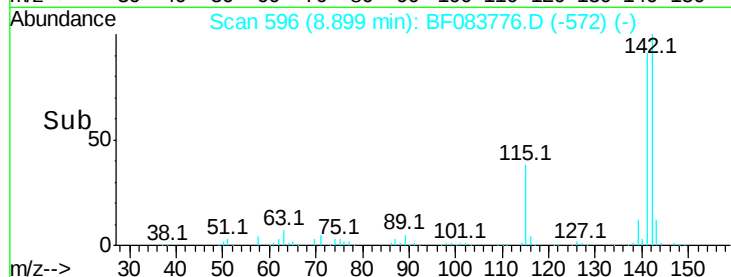
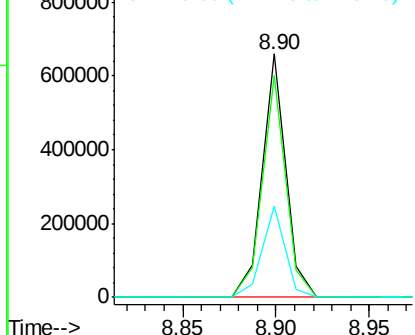
#37
2-Methylnaphthalene
Concen: 37.28 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 571070
Ion Ratio Lower Upper
142 100
141 91.0 70.3 105.5
115 37.7 29.2 43.8

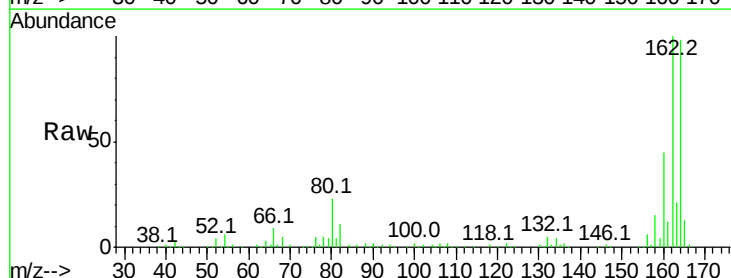


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

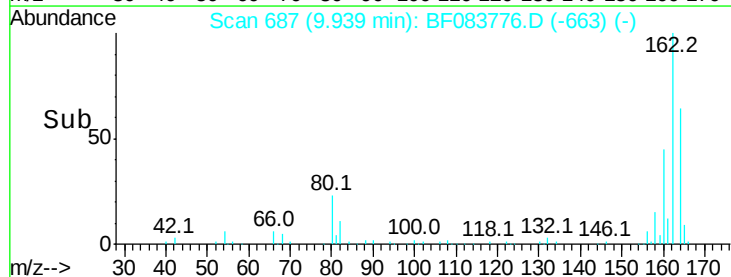
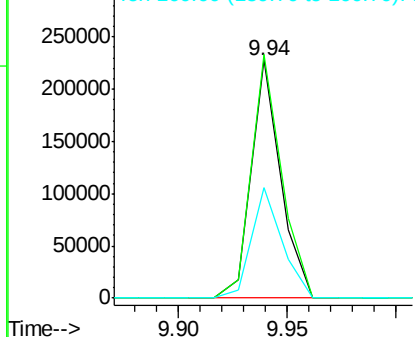


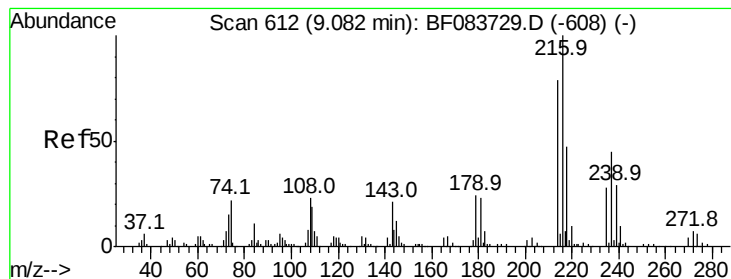
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Tgt Ion:164 Resp: 213360
Ion Ratio Lower Upper
164 100
162 102.1 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: 44.14 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 277842

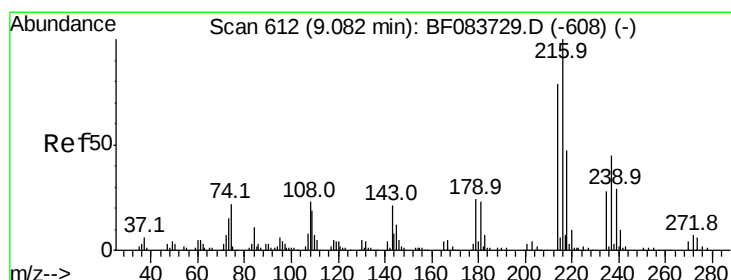
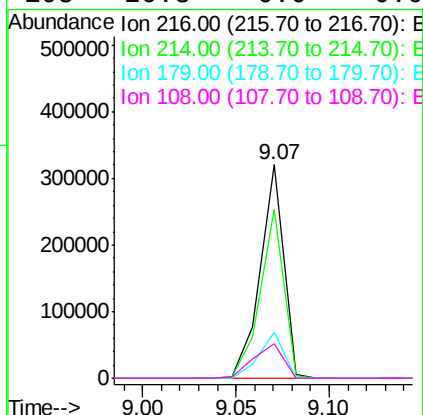
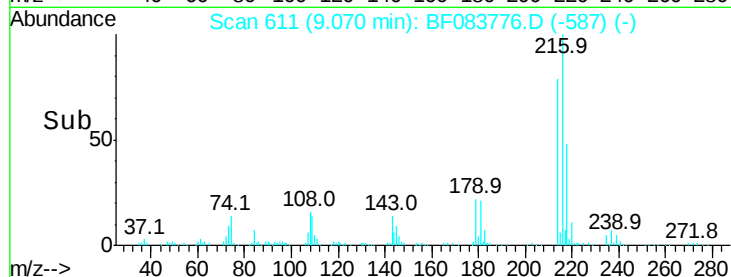
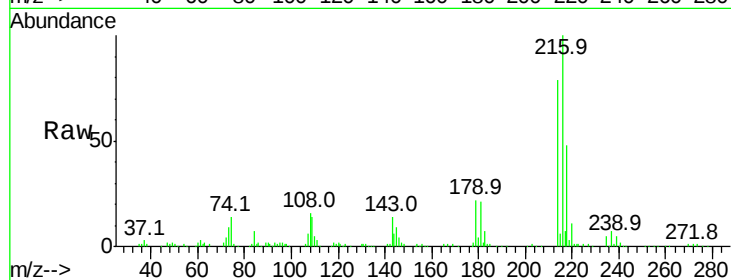
Ion Ratio Lower Upper

216 100

214 79.1 0.0 0.0#

179 22.7 0.0 0.0#

108 20.3 0.0 0.0#



#40

Hexachlorocyclopentadiene

Concen: 43.14 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

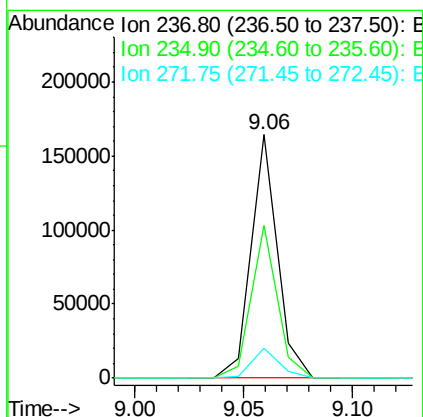
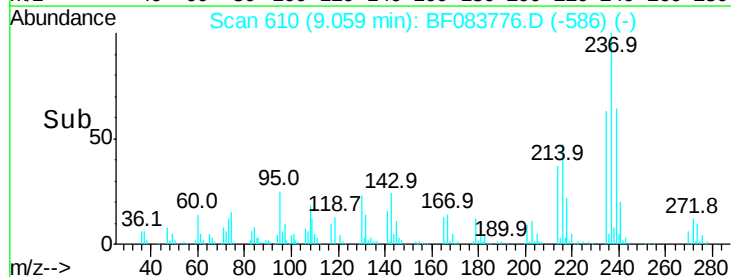
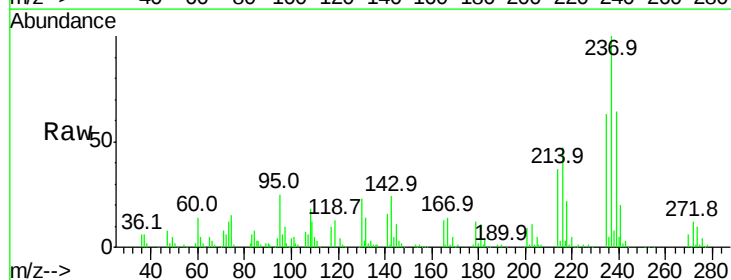
Tgt Ion:237 Resp: 137584

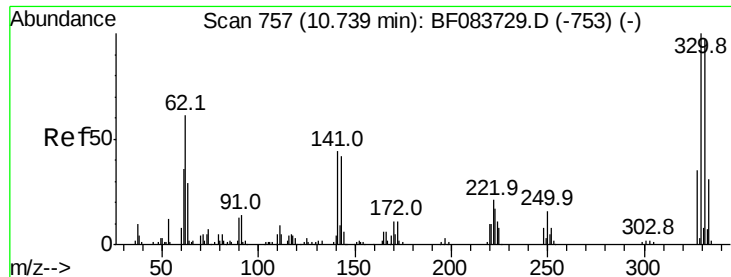
Ion Ratio Lower Upper

237 100

235 62.8 43.9 83.9

272 12.3 0.0 31.8

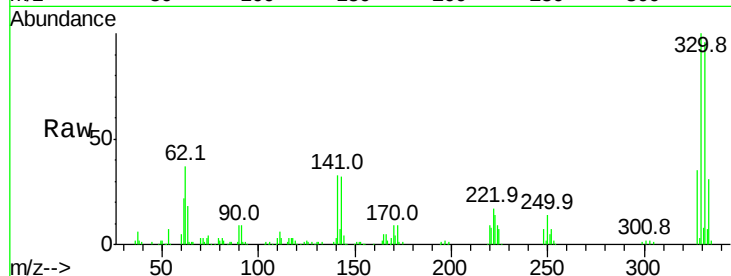




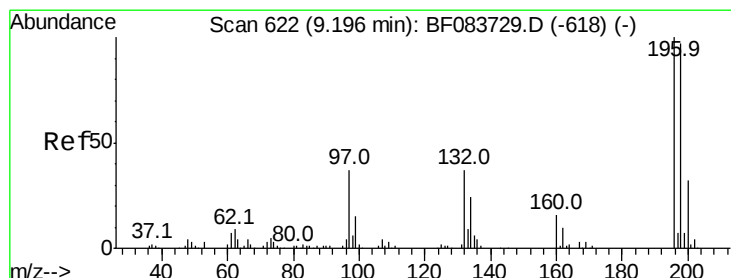
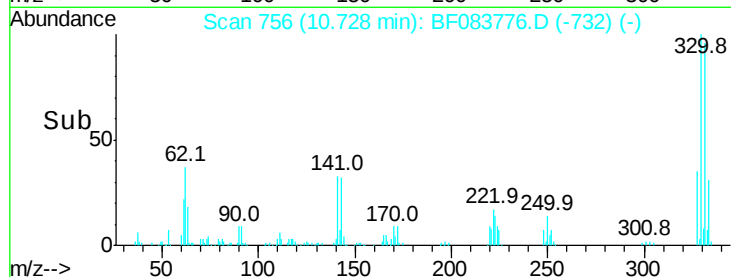
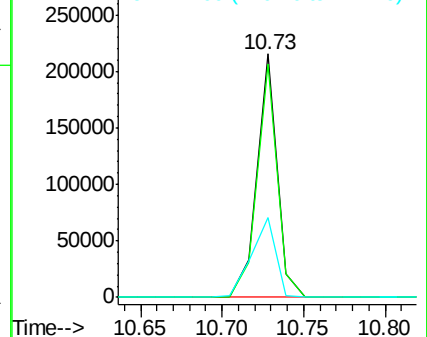
#41
 2,4,6-Tribromophenol
 Concen: 85.64 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	38.7	0.0	0.0#

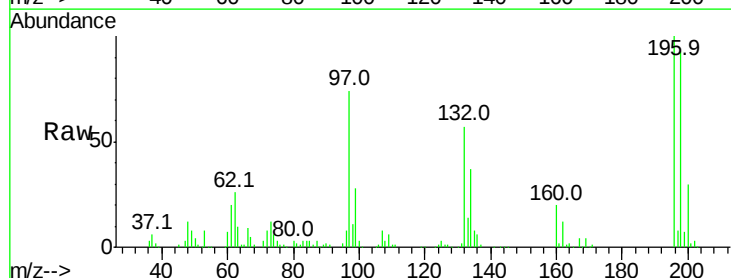


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

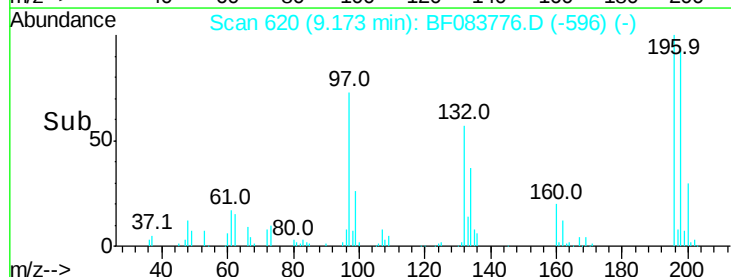
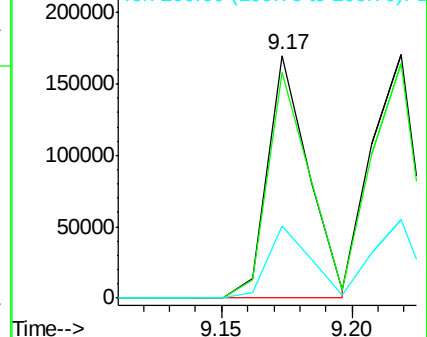


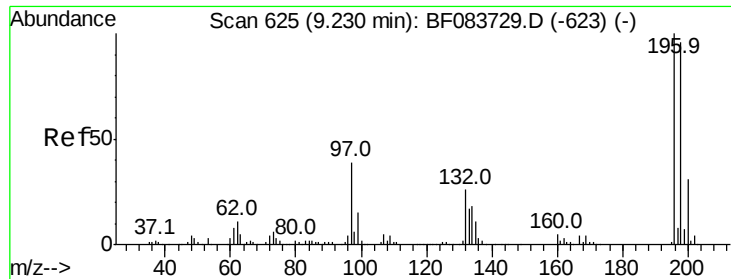
#42
 2,4,6-Trichlorophenol
 Concen: 40.29 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.2	112.8
200	29.6	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

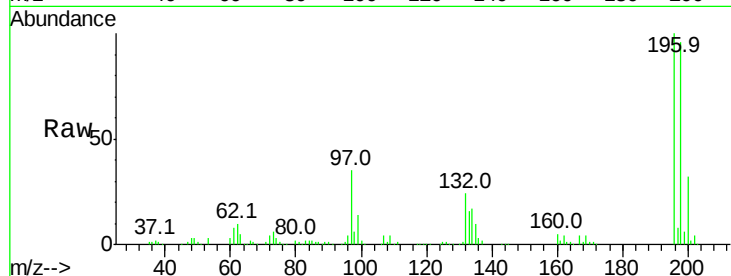




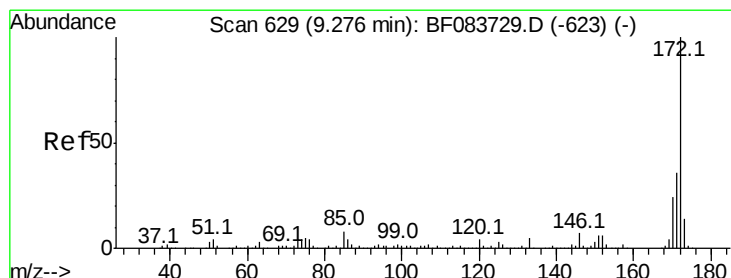
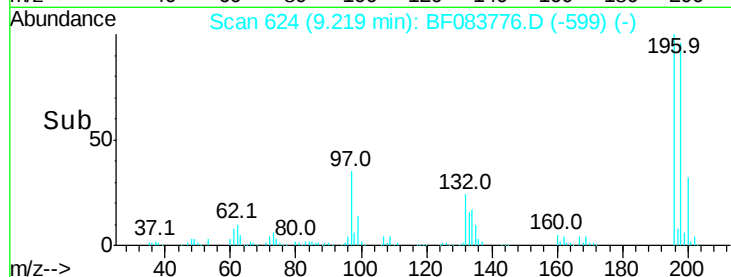
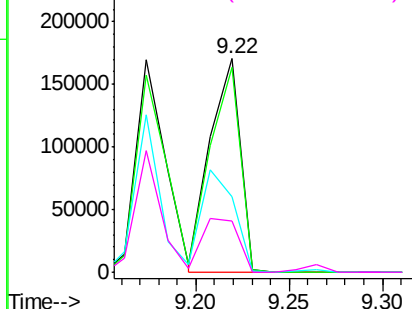
#43
 2,4,5-Trichlorophenol
 Concen: 44.25 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	193395
Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.7	116.5
97	35.4	41.2	61.8#
132	24.3	21.8	32.8

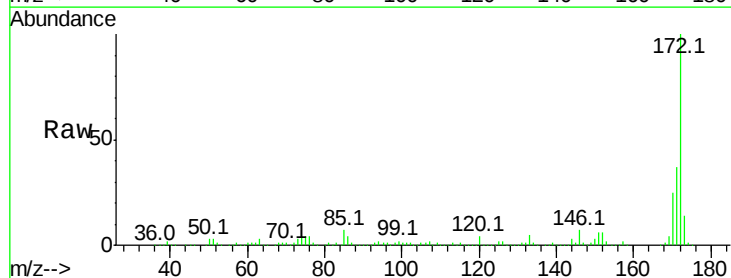


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

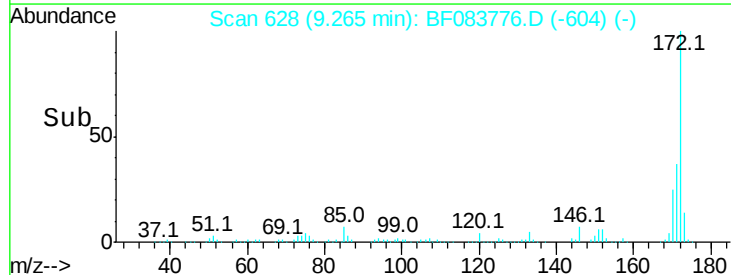
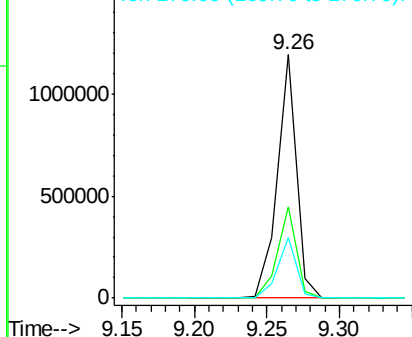


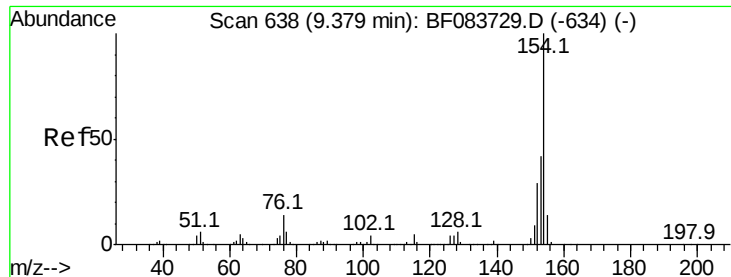
#44
 2-Fluorobiphenyl
 Concen: 71.67 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion:	172	Resp:	1093620
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	42.8
170	24.9	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

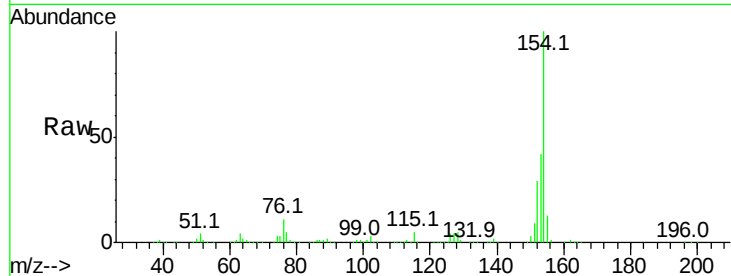




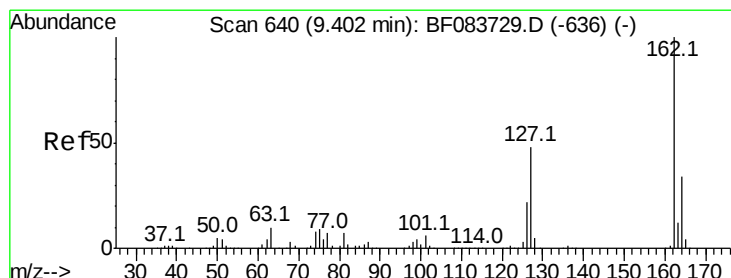
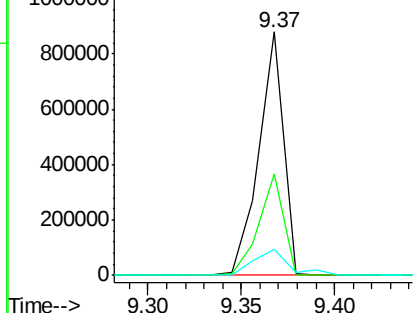
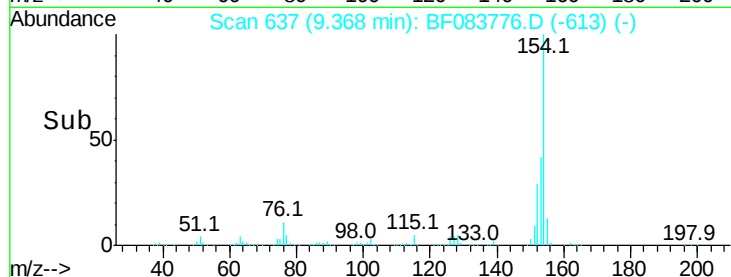
#45
 1,1'-Biphenyl
 Concen: 42.37 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.2	60.2
76	10.8	0.0	34.8

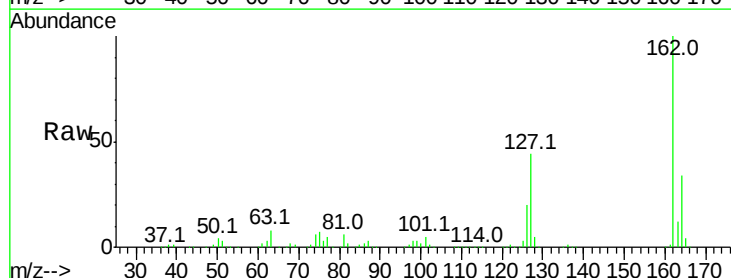


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

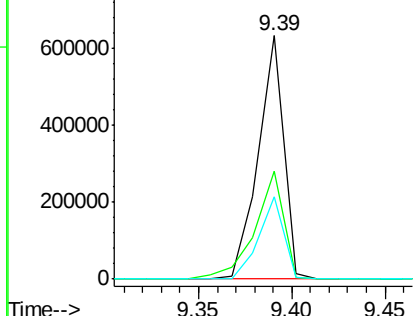
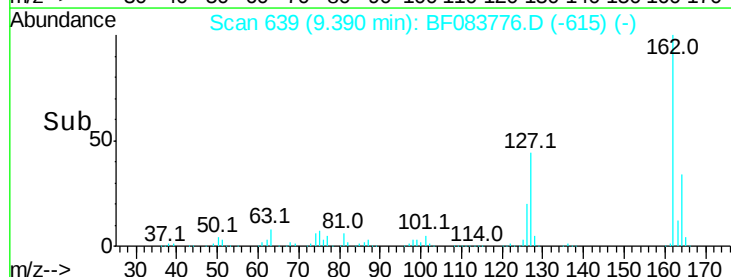


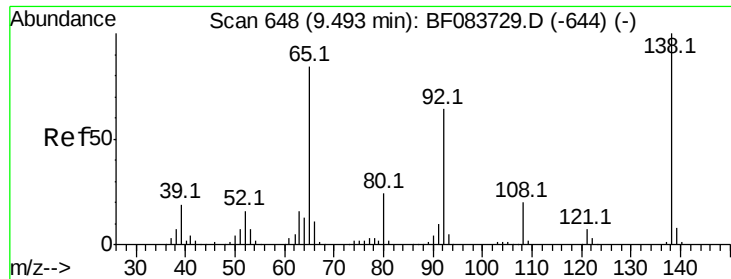
#46
 2-Chloronaphthalene
 Concen: 42.76 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.1	31.0	46.4
164	33.6	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

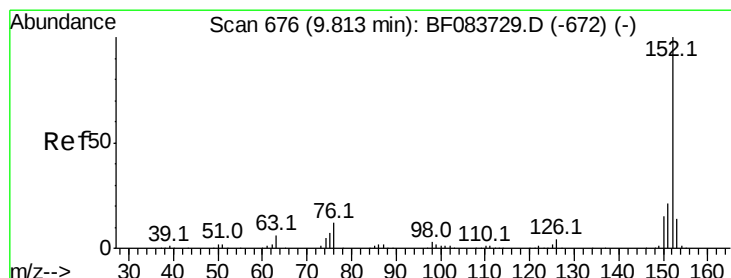
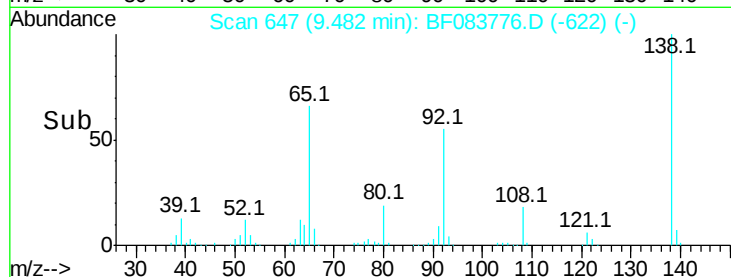
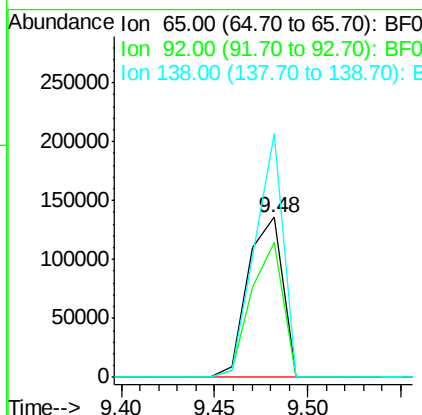
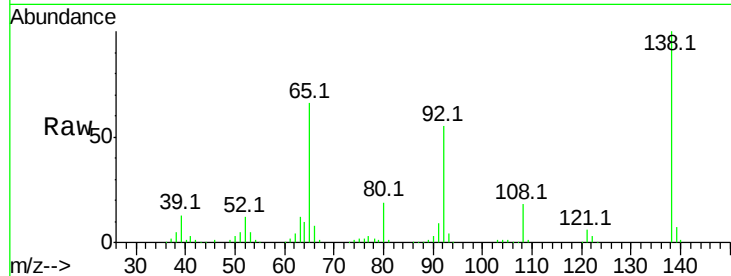




#47
2-Nitroaniline
Concen: 44.22 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

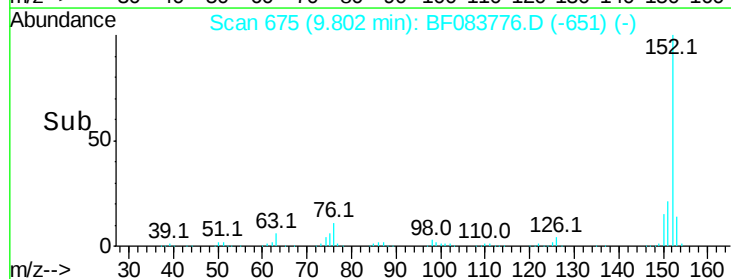
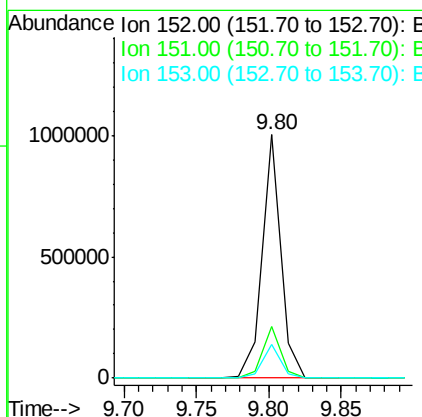
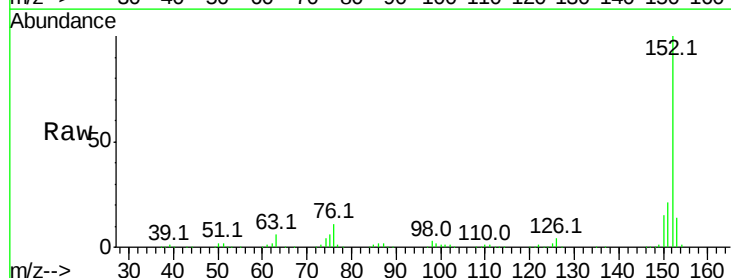
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

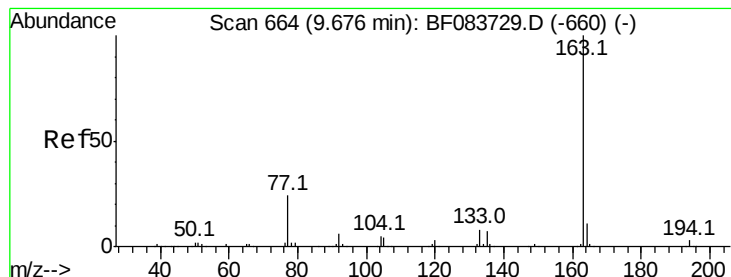
Tot Ion: 65 Resp: 175071
Ion Ratio Lower Upper
65 100
92 84.4 49.6 74.4#
138 152.3 64.1 96.1#



#48
Acenaphthylene
Concen: 38.02 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Tgt Ion: 152 Resp: 892832
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.8 10.8 16.2





#49

Dimethylphthalate

Concen: 39.43 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

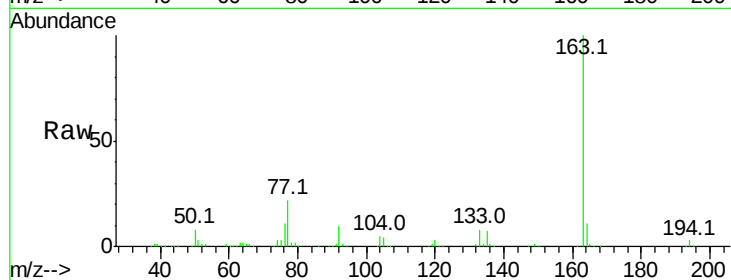
Tot Ion:163 Resp: 655805

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

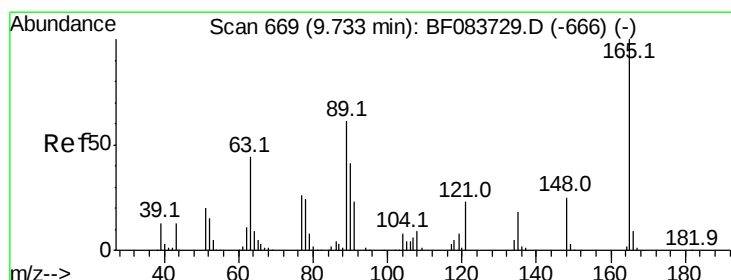
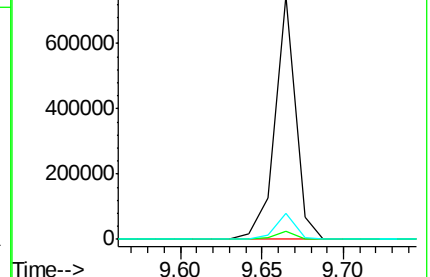
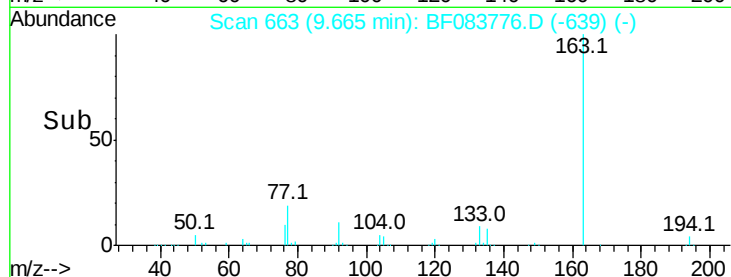
164 10.5 8.6 13.0



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: 44.81 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

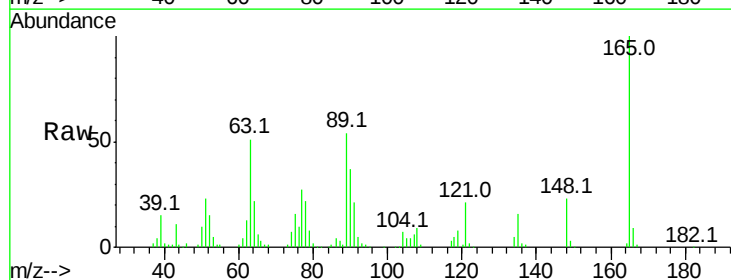
Tgt Ion:165 Resp: 158196

Ion Ratio Lower Upper

165 100

63 50.6 56.9 85.3#

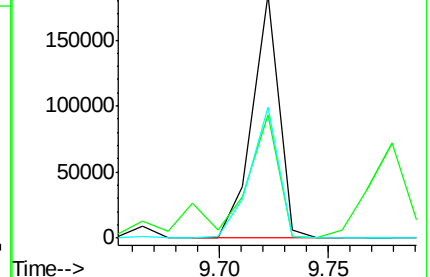
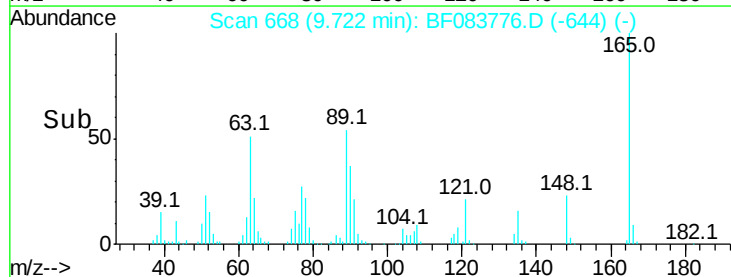
89 54.0 52.1 78.1

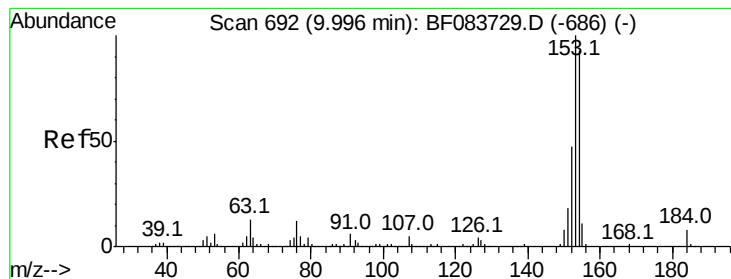


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.59 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

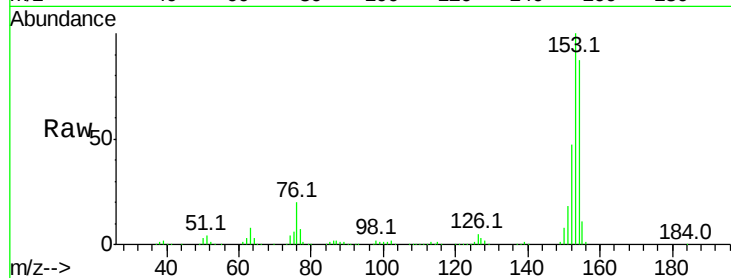
Tot Ion:154 Resp: 547789

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.0

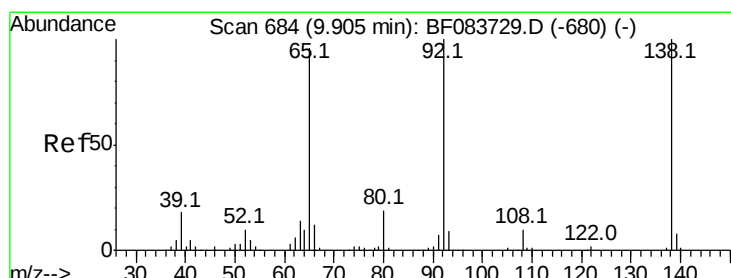
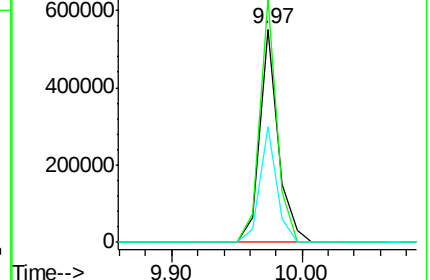
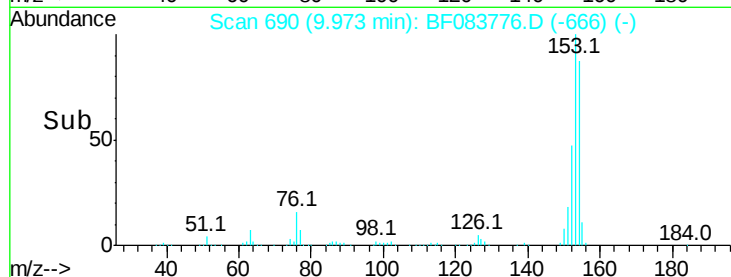
152 54.3 43.4 65.2



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: 44.76 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

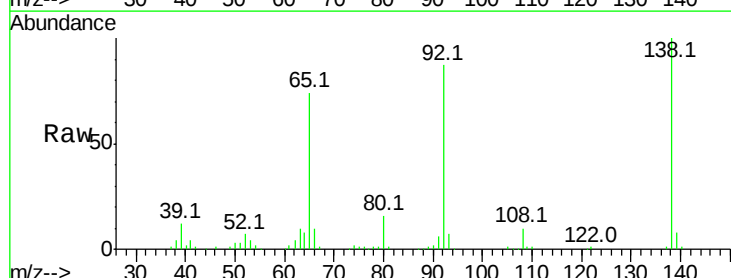
Tgt Ion:138 Resp: 182178

Ion Ratio Lower Upper

138 100

108 10.3 9.9 14.9

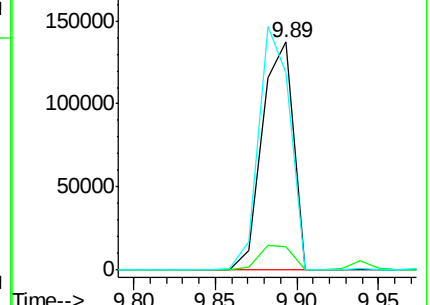
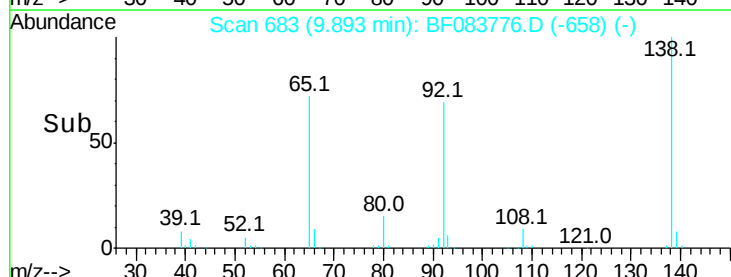
92 86.6 113.8 170.8#

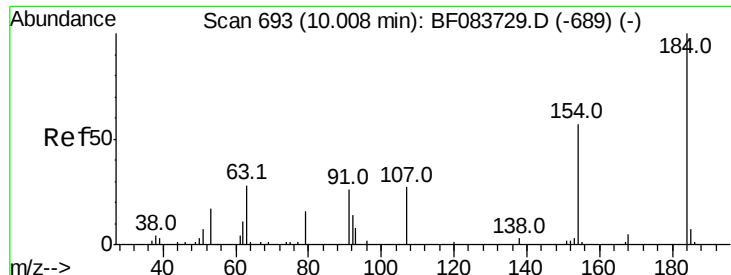


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

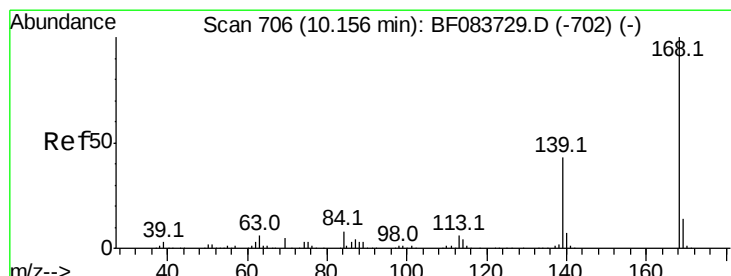
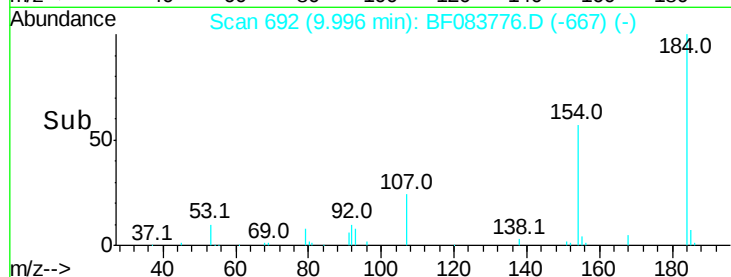
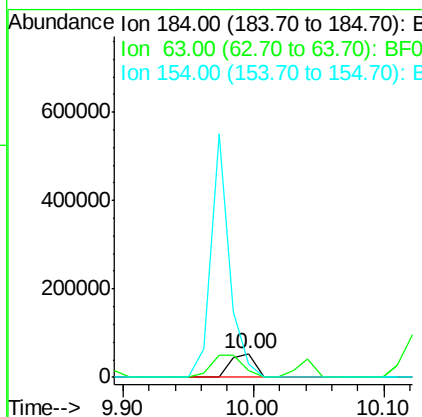
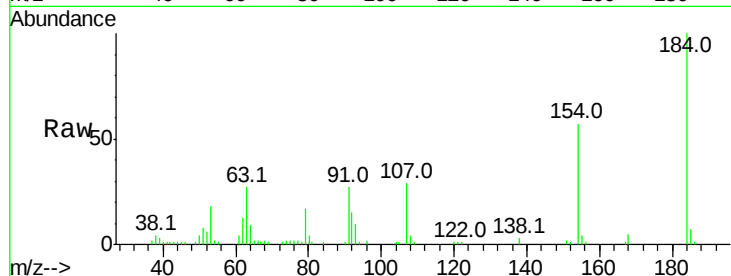




#53
 2,4-Dinitrophenol
 Concen: 47.23 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

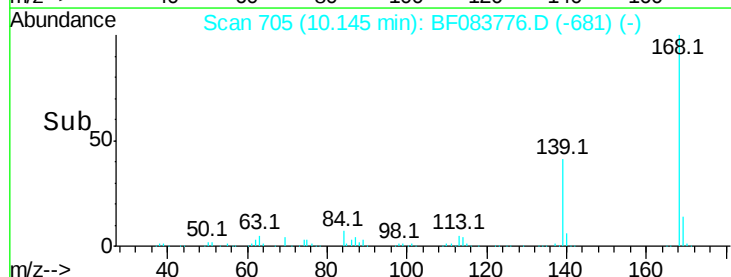
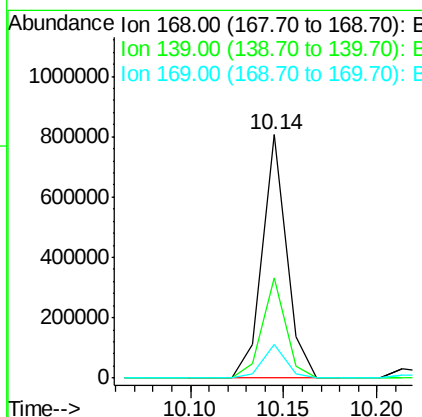
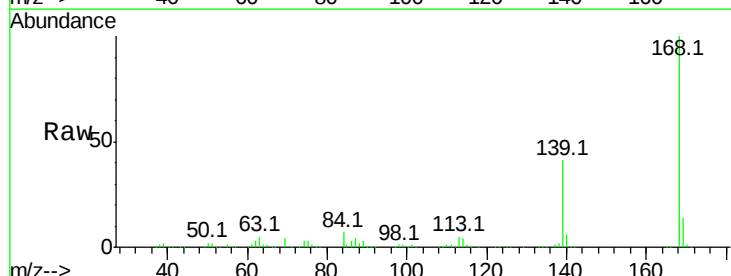
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

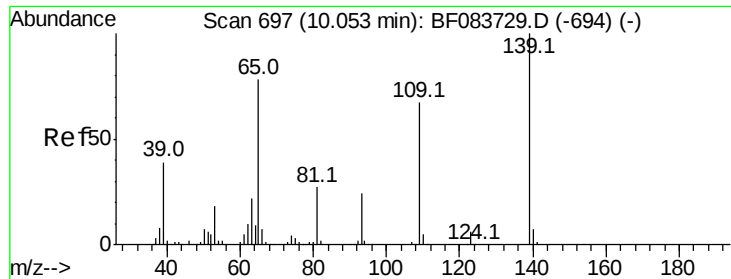
Tot Ion:184 Resp: 70585
 Ion Ratio Lower Upper
 184 100
 63 27.0 62.4 93.6#
 154 57.3 46.6 69.8



#54
 Dibenzofuran
 Concen: 38.46 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion:168 Resp: 723411
 Ion Ratio Lower Upper
 168 100
 139 41.0 28.0 42.0
 169 13.9 10.8 16.2

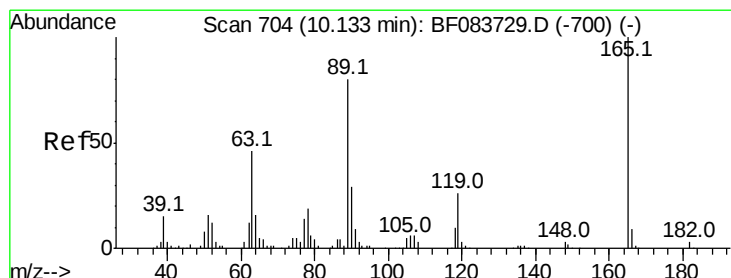
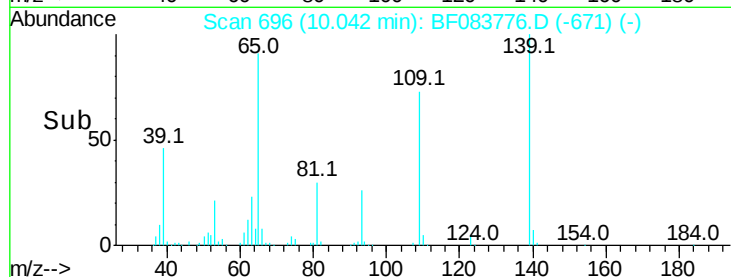
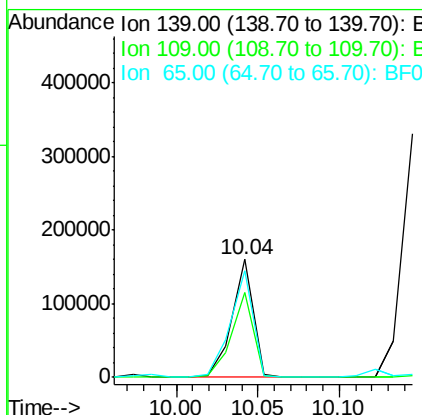
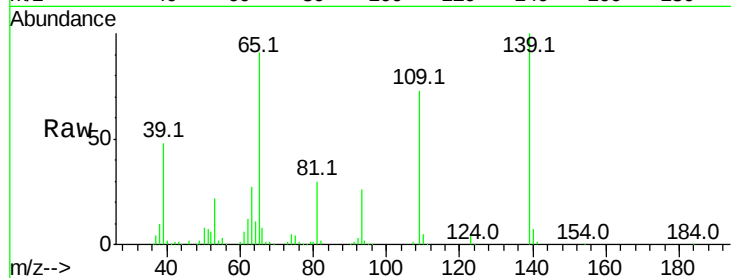




#55
4-Nitrophenol
Concen: 48.13 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

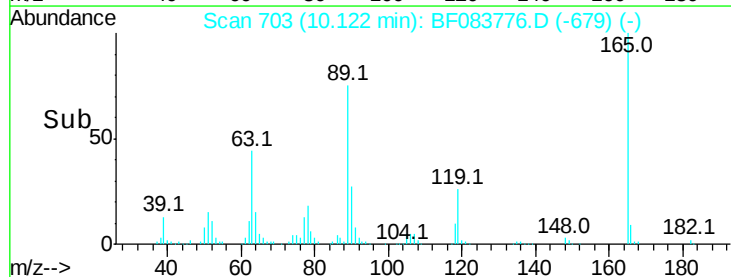
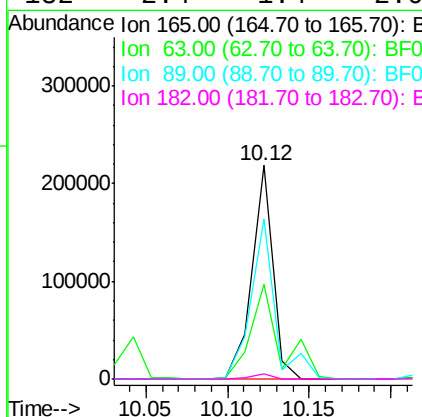
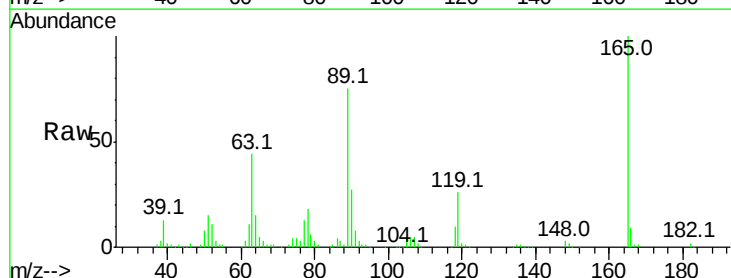
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

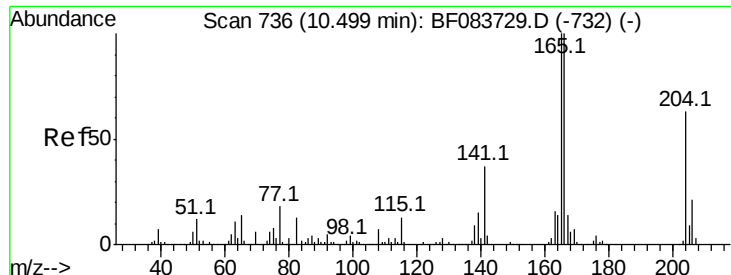
Tot Ion:139 Resp: 145055
Ion Ratio Lower Upper
139 100
109 72.7 42.0 82.0
65 90.8 89.2 129.2



#56
2,4-Dinitrotoluene
Concen: 42.26 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Tgt Ion:165 Resp: 194897
Ion Ratio Lower Upper
165 100
63 44.2 51.4 77.2#
89 74.6 72.6 108.8
182 2.4 1.4 2.0#

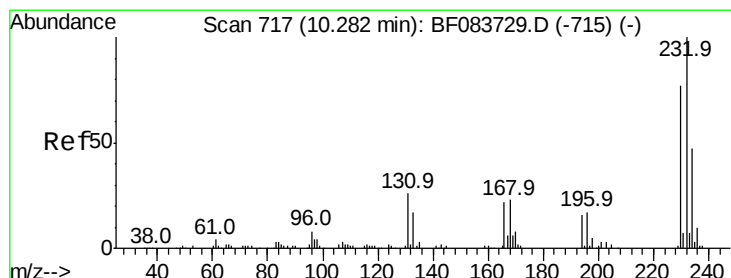
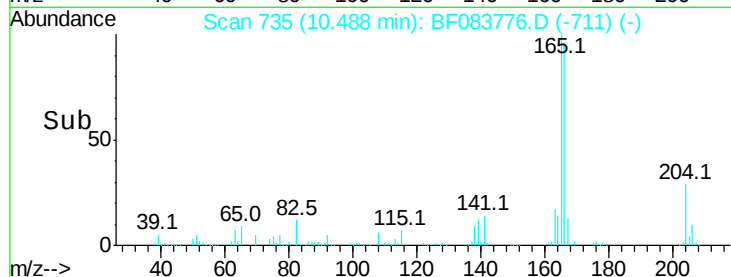
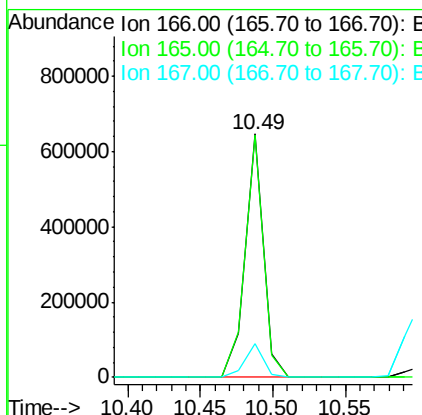
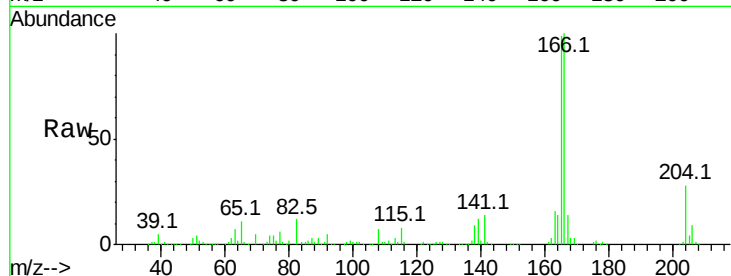




#57
Fluorene
 Concen: 38.41 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

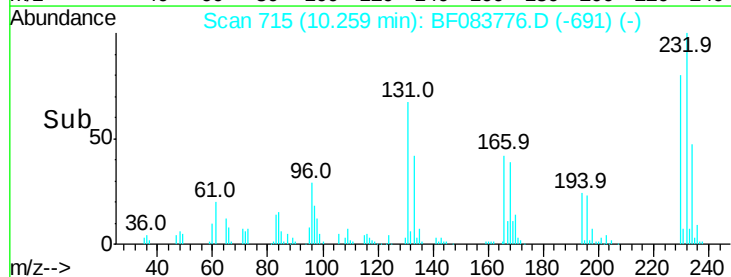
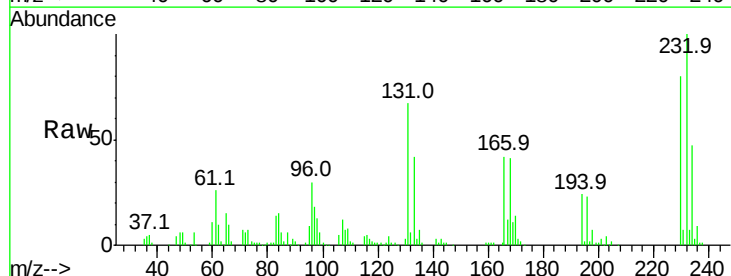
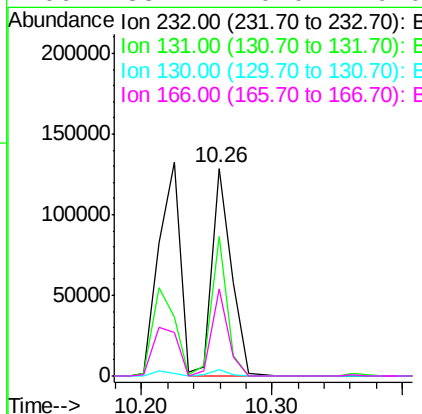
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

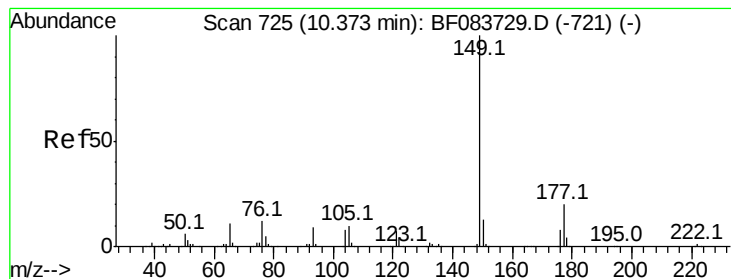
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.0	120.0
167	14.0	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.80 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.5	0.0	0.0#
130	2.8	0.0	0.0#
166	35.4	0.0	0.0#





#59

Diethylphthalate

Concen: 39.21 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

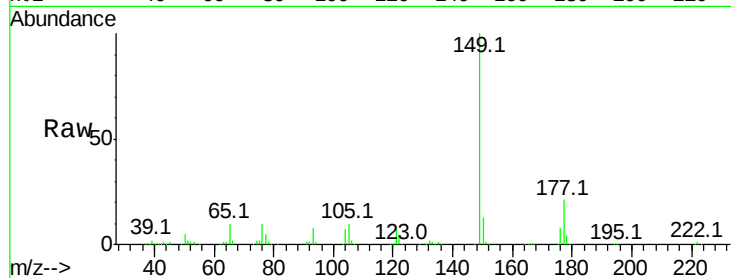
Tot Ion:149 Resp: 660255

Ion Ratio Lower Upper

149 100

177 20.6 16.9 25.3

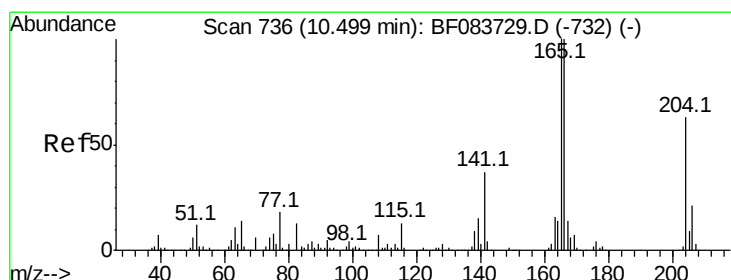
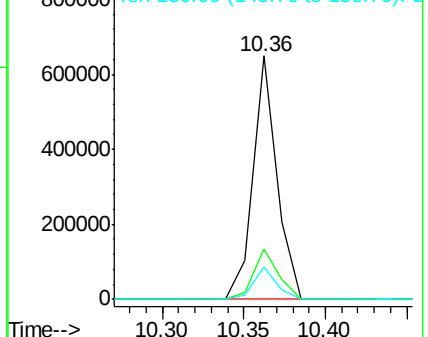
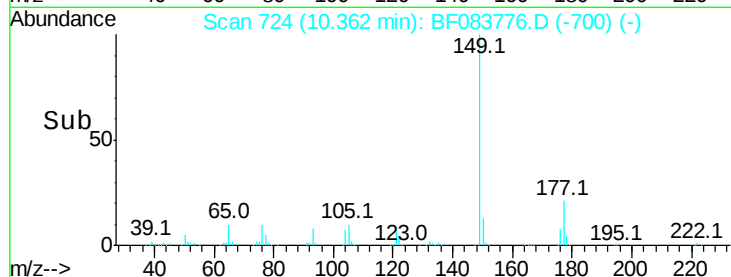
150 13.3 10.2 15.4



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: 40.02 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

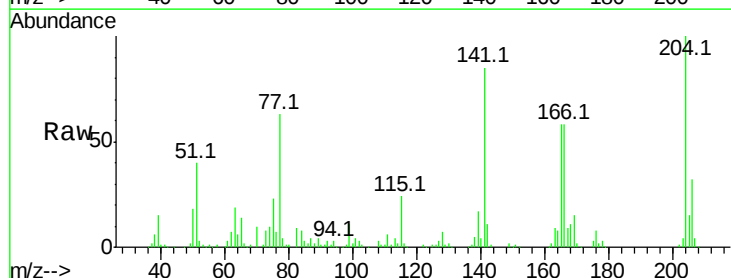
Tgt Ion:204 Resp: 270332

Ion Ratio Lower Upper

204 100

206 32.3 27.3 40.9

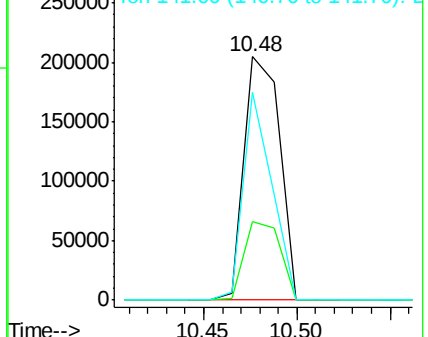
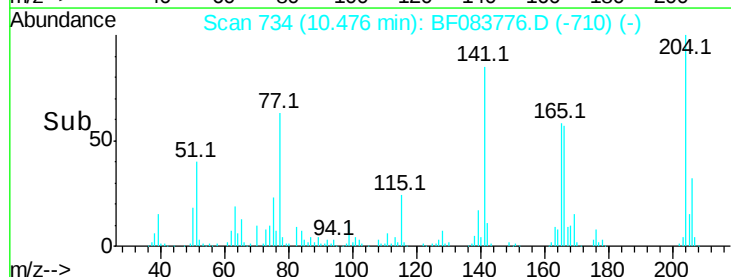
141 85.3 51.9 77.9#

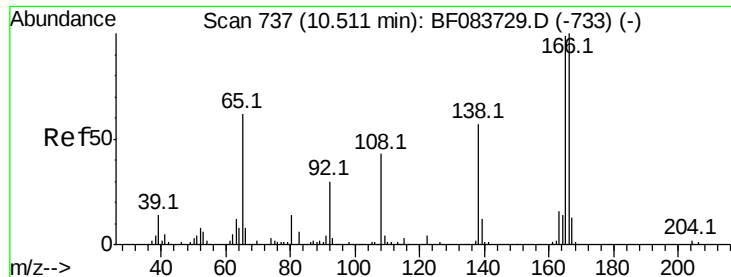


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

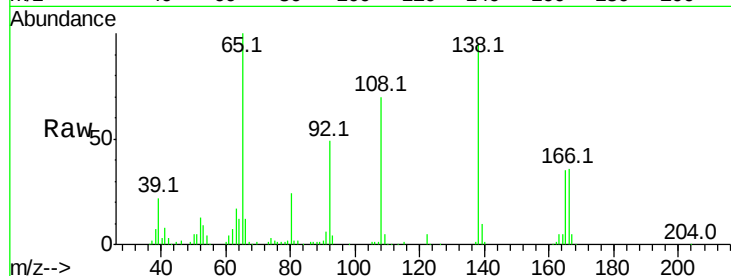




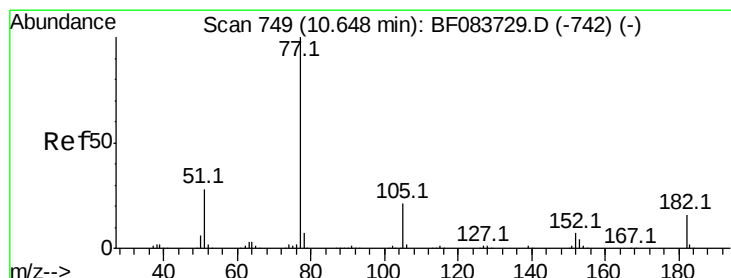
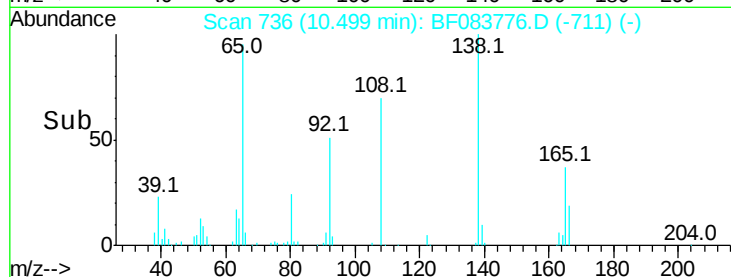
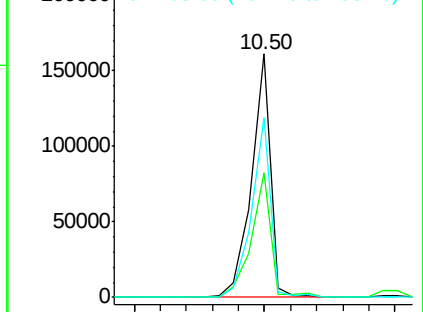
#61
4-Nitroaniline
Concen: 45.68 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 163866
Ion Ratio Lower Upper
138 100
92 51.2 29.0 69.0
108 73.7 47.4 87.4

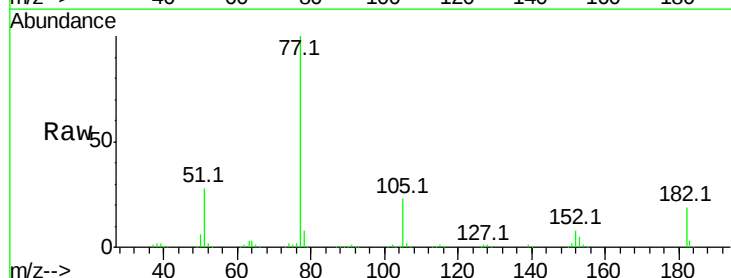


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

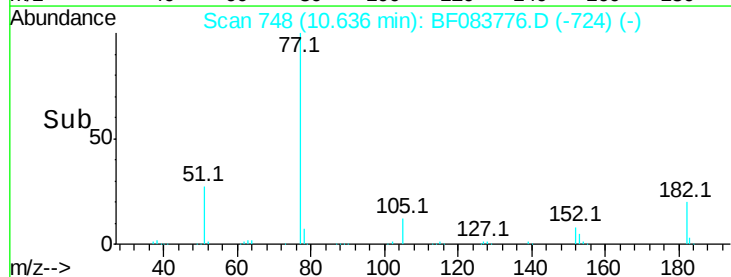
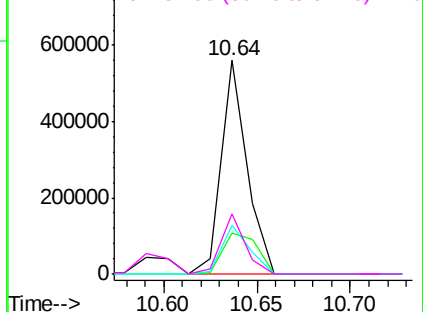


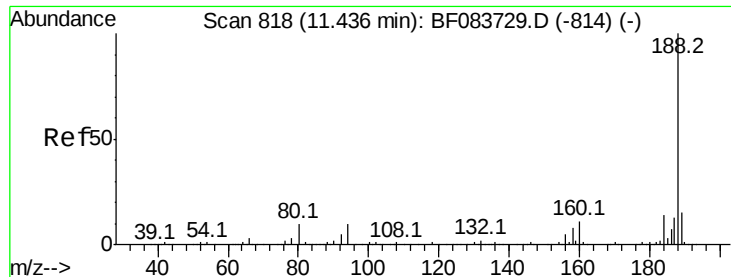
#62
Azobenzene
Concen: 35.22 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Tgt Ion: 77 Resp: 540670
Ion Ratio Lower Upper
77 100
182 19.0 2.5 42.5
105 22.8 2.1 42.1
51 28.4 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

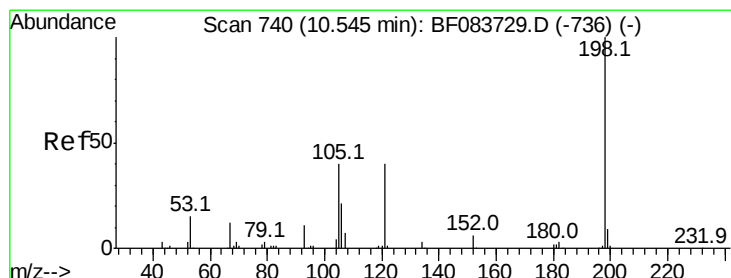
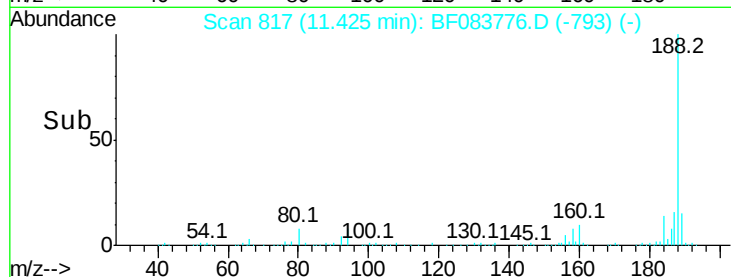
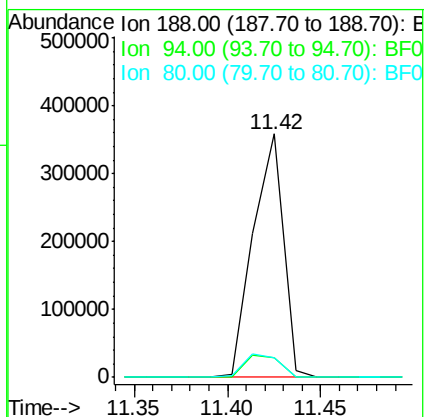
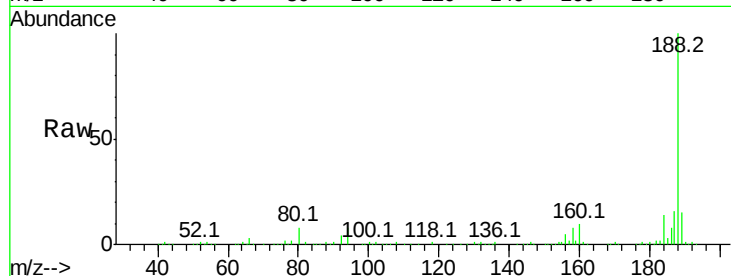




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

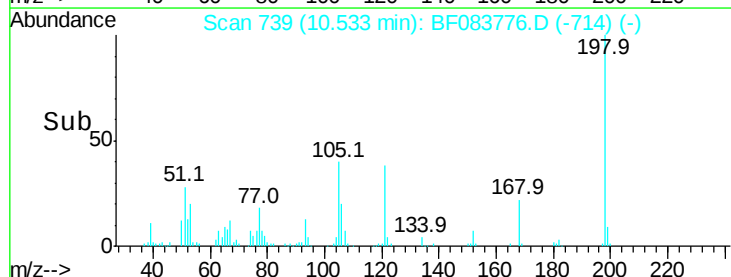
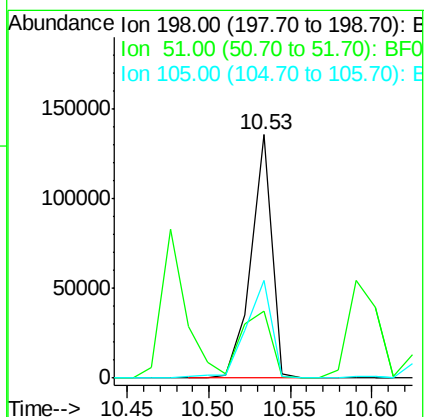
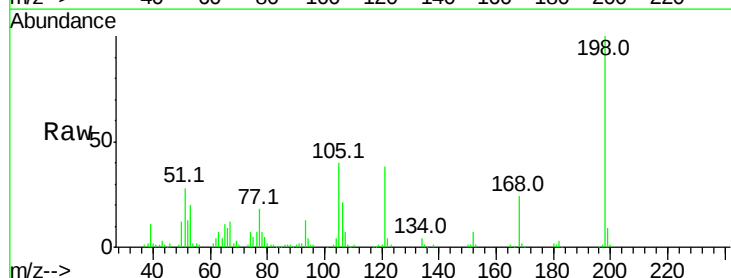
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

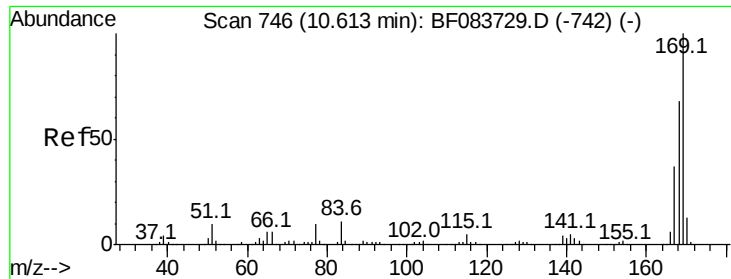
Tot Ion:188 Resp: 402461
Ion Ratio Lower Upper
188 100
94 7.9 9.4 14.2#
80 8.2 10.6 16.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 52.43 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Tgt Ion:198 Resp: 120070
Ion Ratio Lower Upper
198 100
51 27.7 53.8 93.8#
105 39.9 38.6 78.6

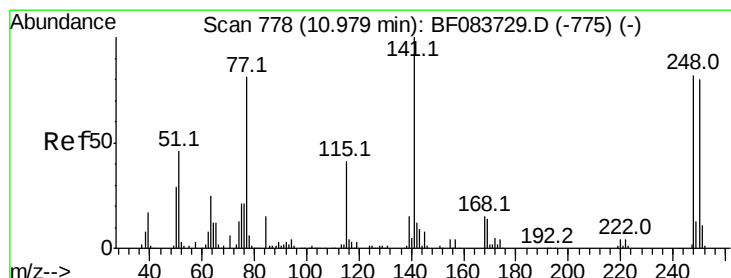
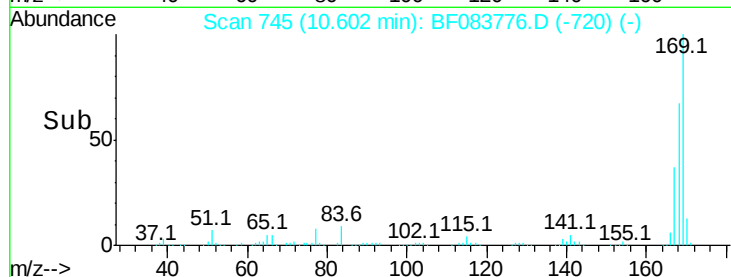
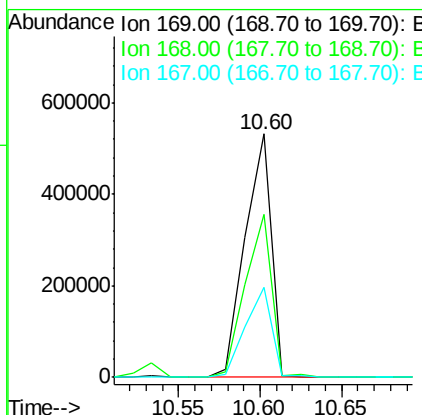
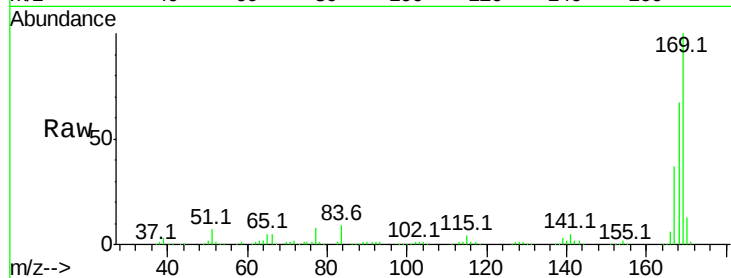




#65
 n-Nitrosodiphenylamine
 Concen: 42.74 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

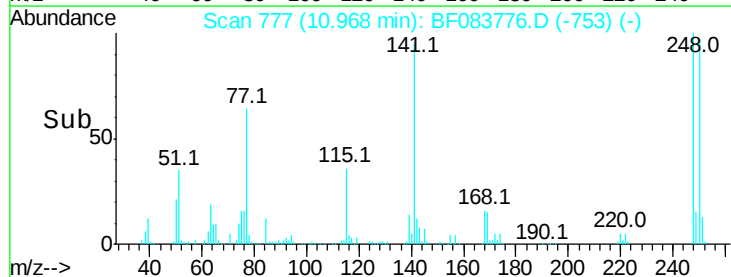
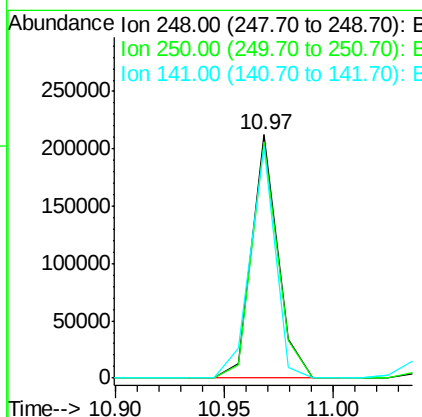
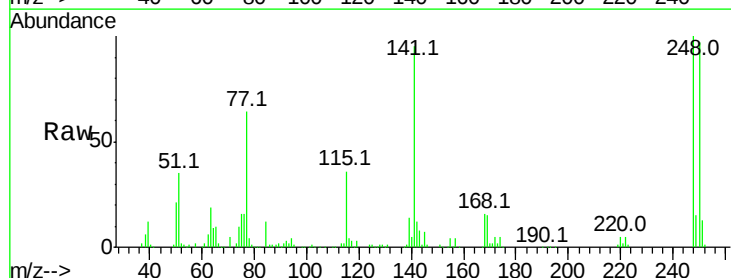
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

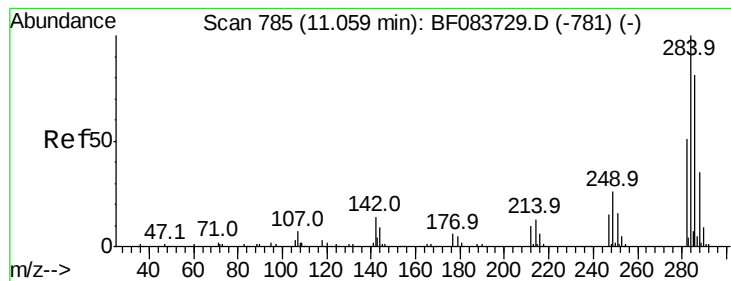
Tot Ion:169 Resp: 588314
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.0 79.6
 167 36.8 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 39.40 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion:248 Resp: 177319
 Ion Ratio Lower Upper
 248 100
 250 97.0 79.2 118.8
 141 95.4 58.2 87.4#





#67

Hexachlorobenzene

Concen: 38.28 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

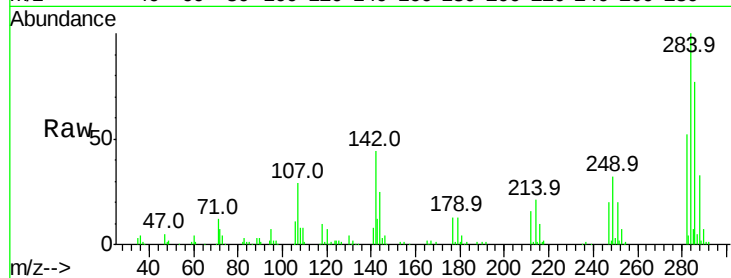
Tot Ion:284 Resp: 186379

Ion Ratio Lower Upper

284 100

142 44.0 31.0 46.4

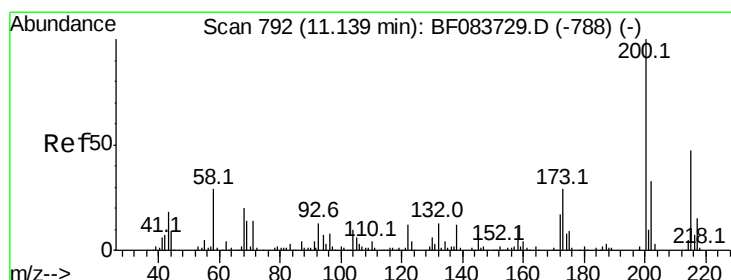
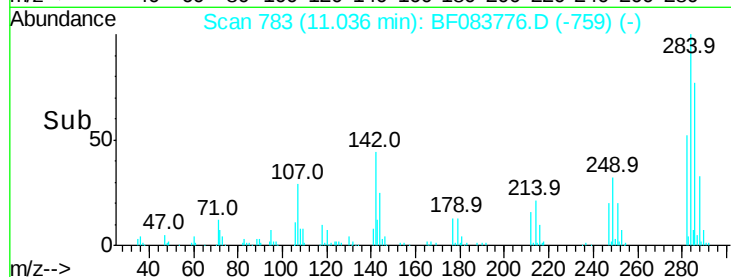
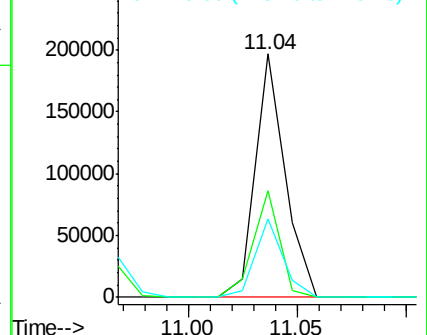
249 32.1 26.9 40.3



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: 46.02 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

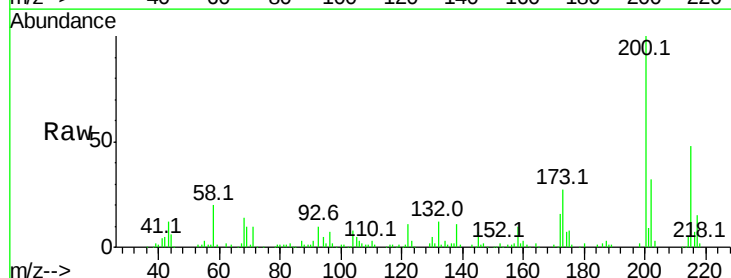
Tgt Ion:200 Resp: 180238

Ion Ratio Lower Upper

200 100

173 26.9 7.8 47.8

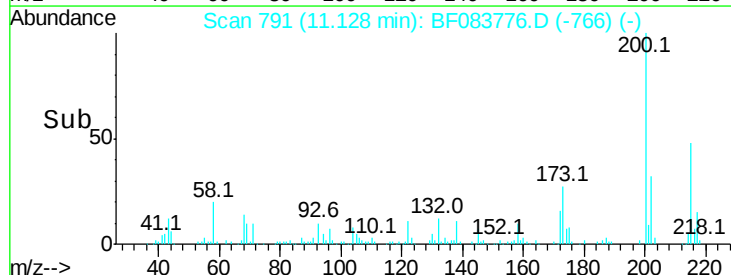
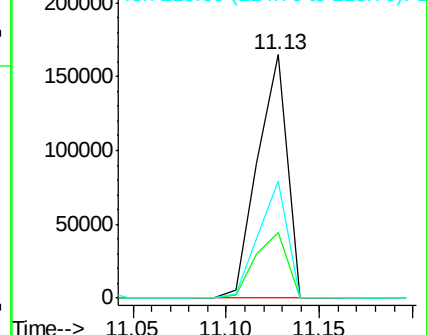
215 48.1 25.7 65.7

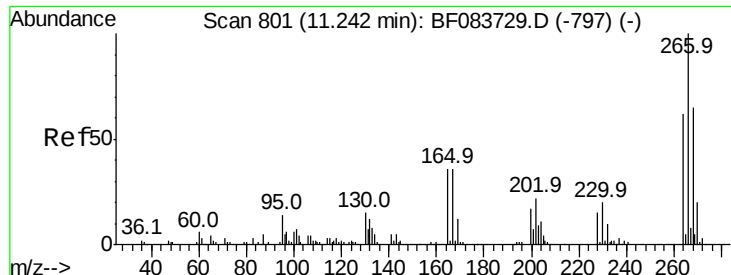


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

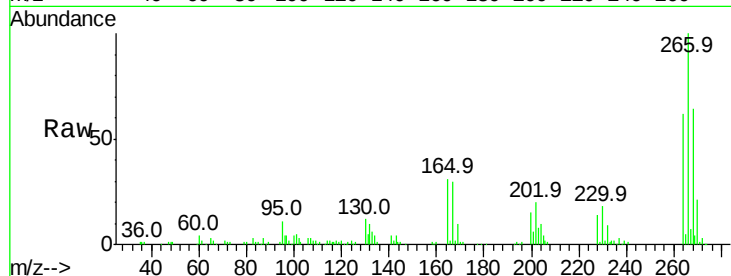




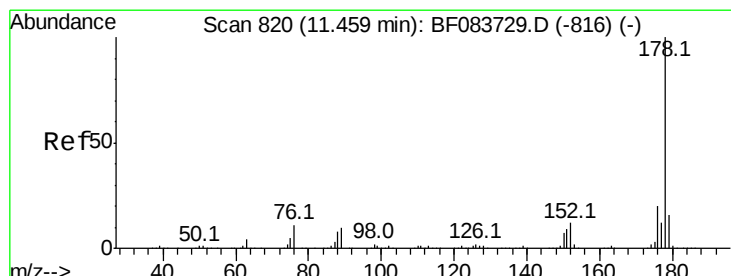
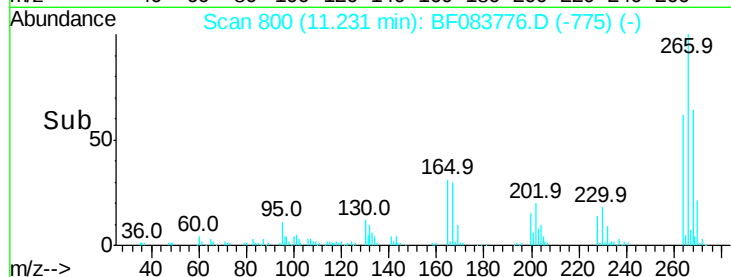
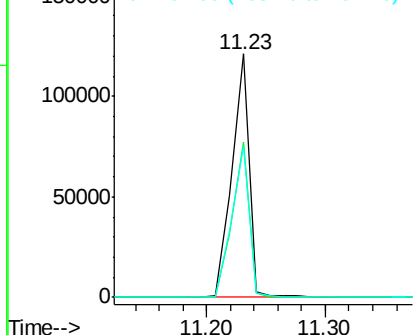
#69
 Pentachlorophenol
 Concen: 44.39 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.2	75.2
264	62.4	51.4	77.2

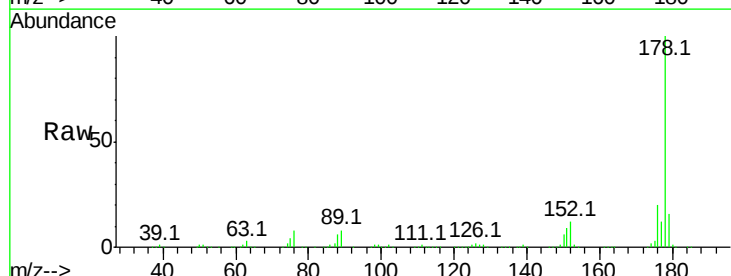


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

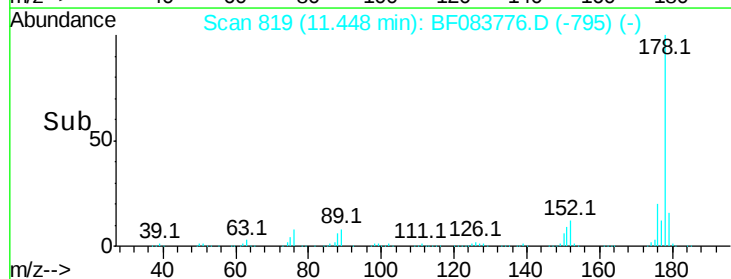
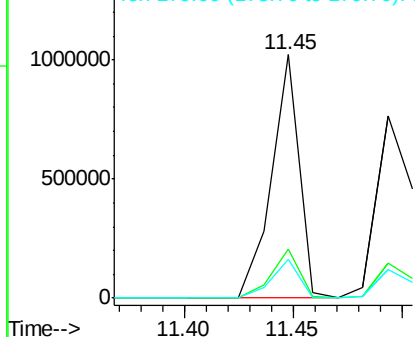


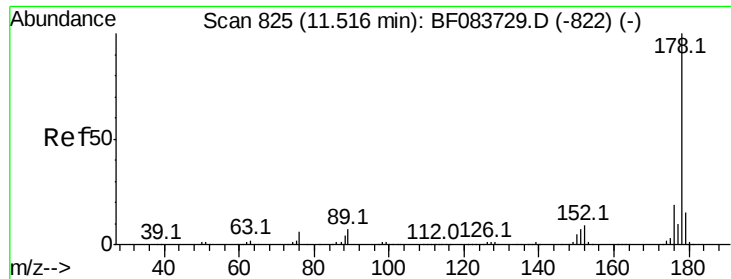
#70
 Phenanthrene
 Concen: 42.76 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	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

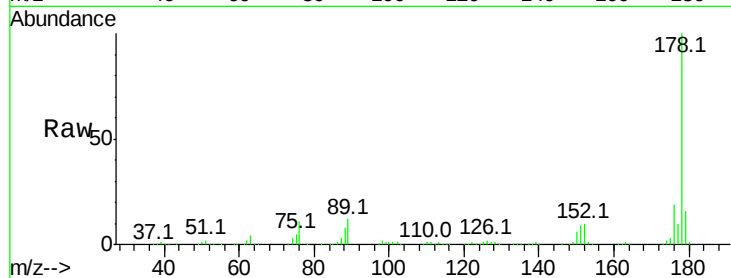




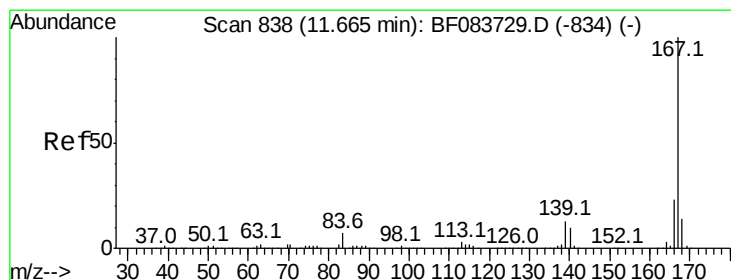
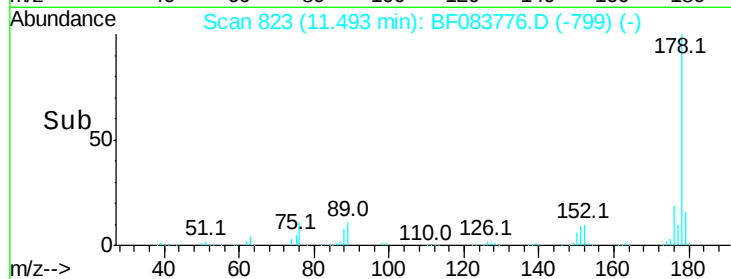
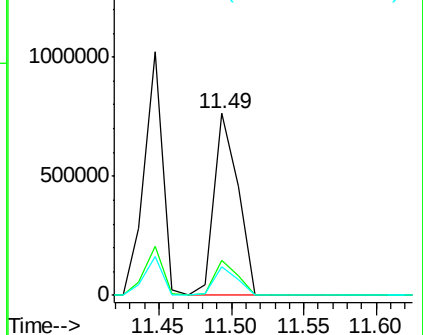
#71
 Anthracene
 Concen: 39.17 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 869775
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.2 22.8
 179 16.0 12.6 18.8

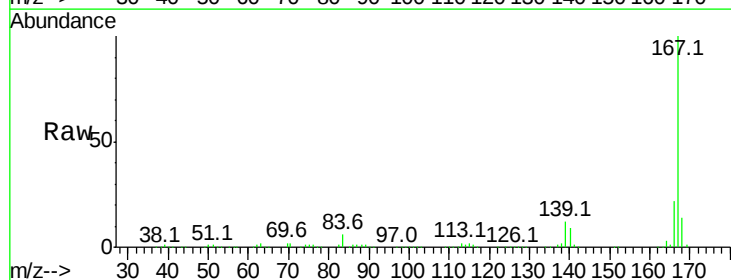


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

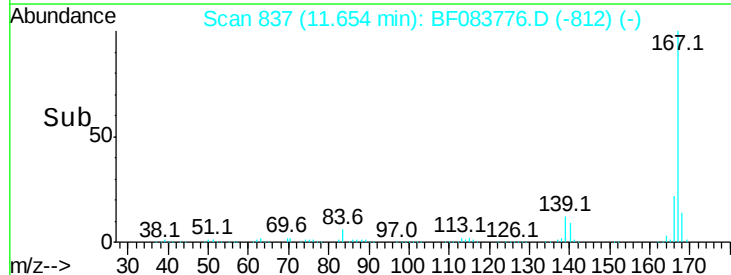
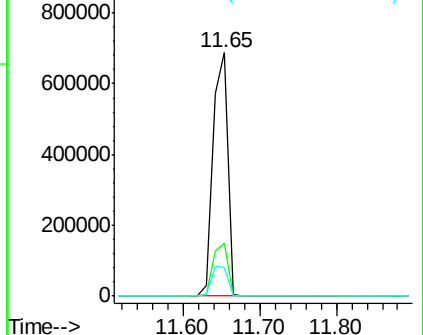


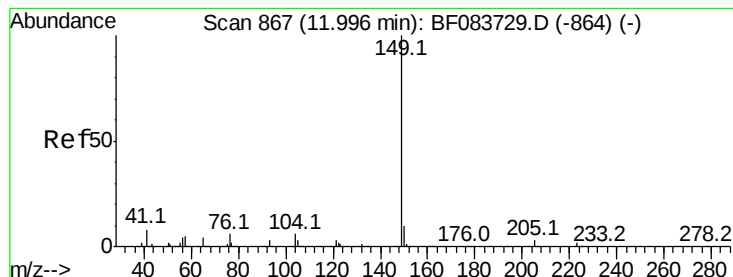
#72
 Carbazole
 Concen: 43.00 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion:167 Resp: 889699
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 11.8 9.3 13.9



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





#73

Di-n-butylphthalate

Concen: 38.68 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

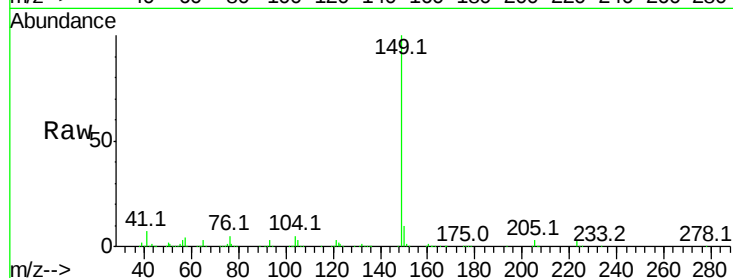
Tot Ion:149 Resp: 971961

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

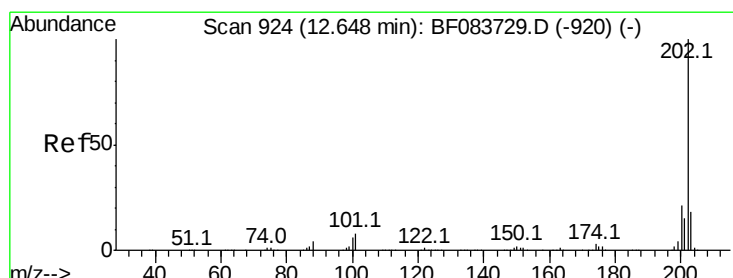
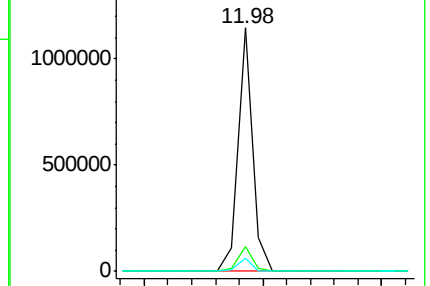
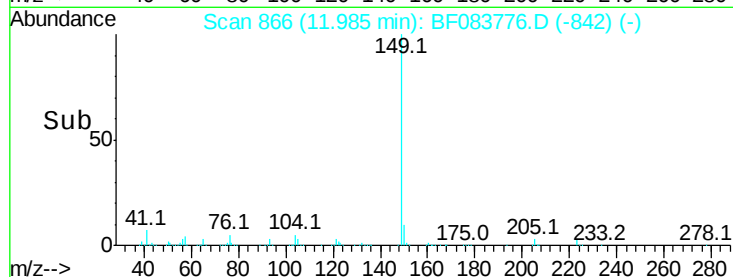
104 5.3 3.9 5.9



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: 41.05 ng

RT: 12.63 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

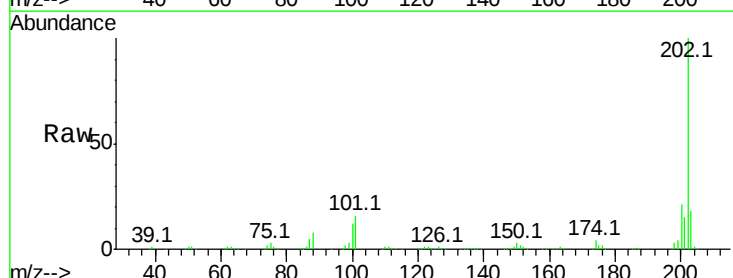
Tgt Ion:202 Resp: 906810

Ion Ratio Lower Upper

202 100

101 15.9 0.0 31.5

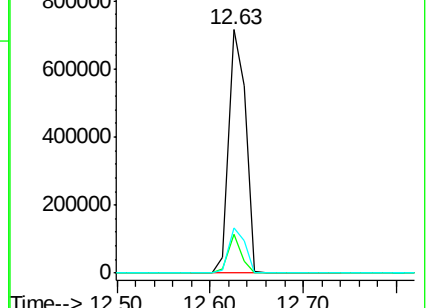
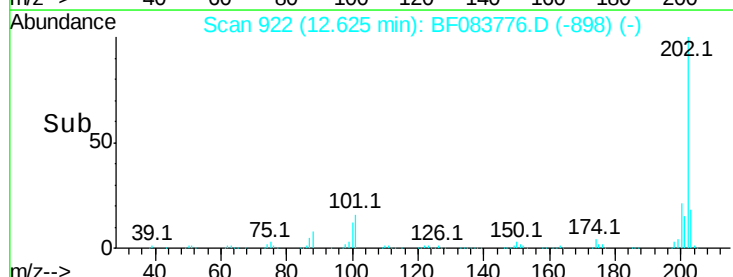
203 18.4 0.0 37.6

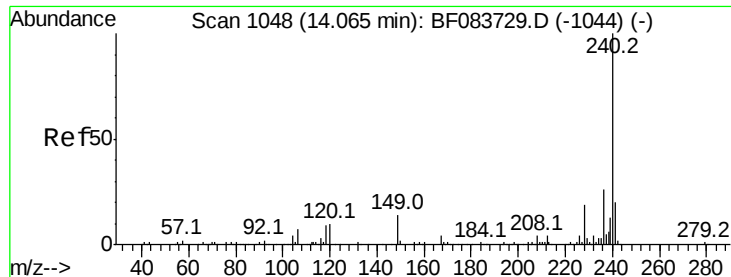


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

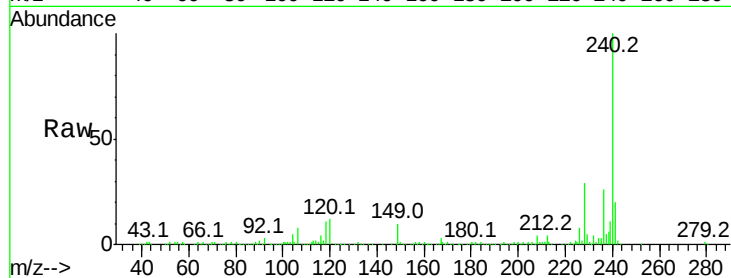
Tot Ion:240 Resp: 313005

Ion Ratio Lower Upper

240 100

120 11.8 8.1 12.1

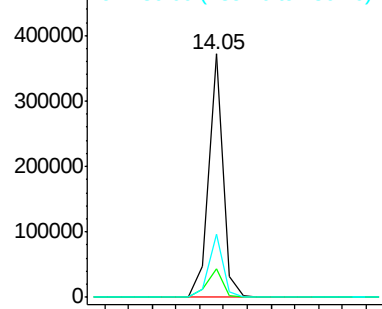
236 26.1 20.8 31.2



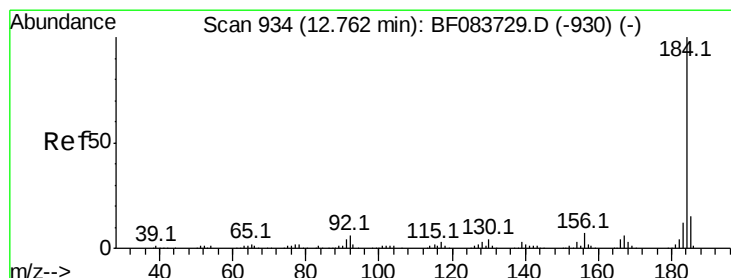
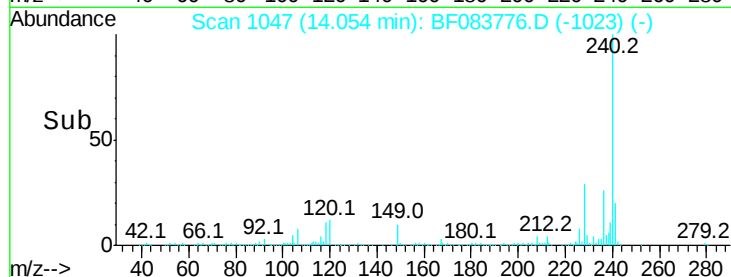
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 49.65 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

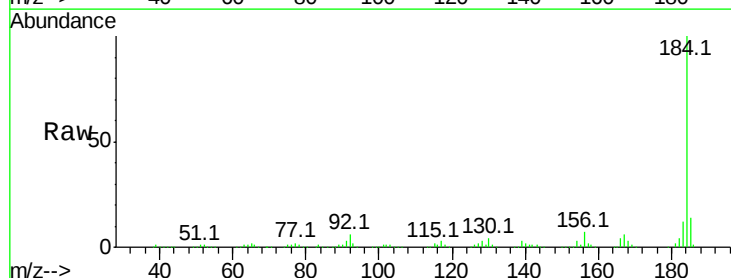
Tgt Ion:184 Resp: 473559

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.6

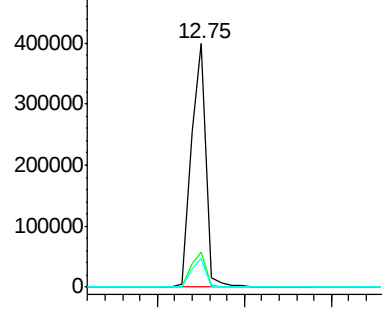
183 11.9 9.0 13.4



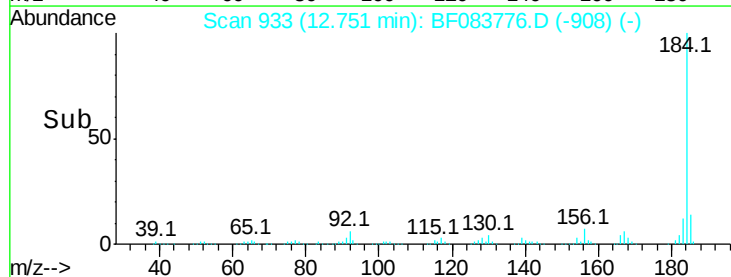
Abundance Ion 184.00 (183.70 to 184.70): E

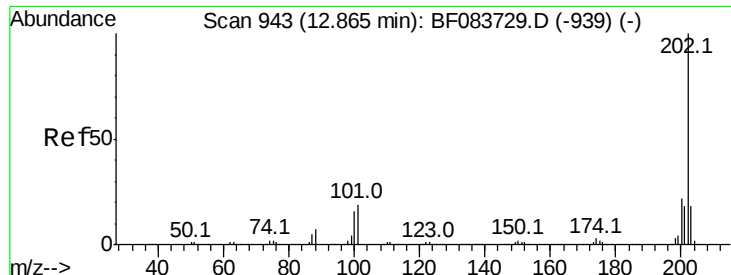
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

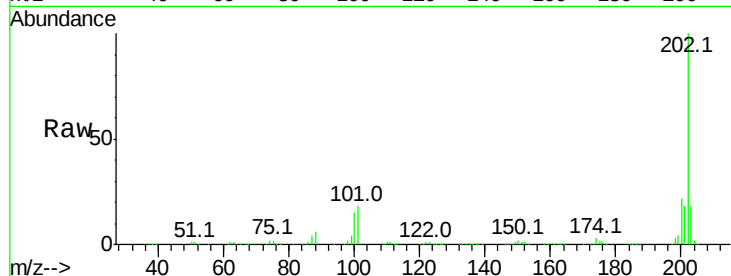




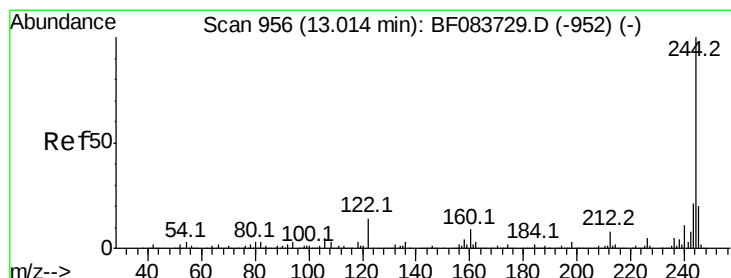
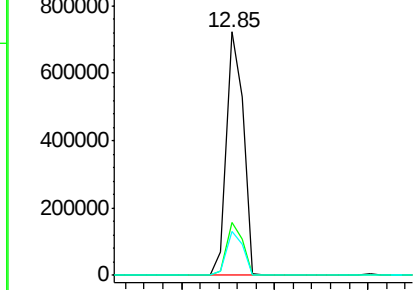
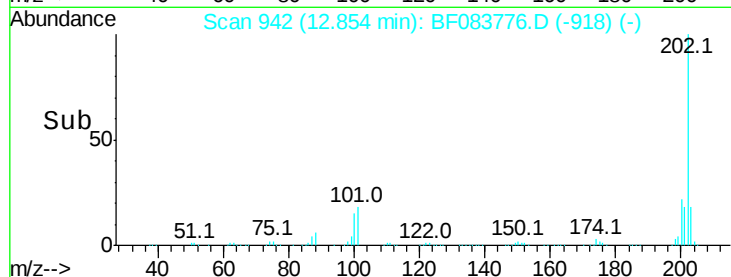
#77
Pvrene
Concen: 36.90 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 912948
Ion Ratio Lower Upper
202 100
200 21.9 16.7 25.1
203 17.9 14.3 21.5

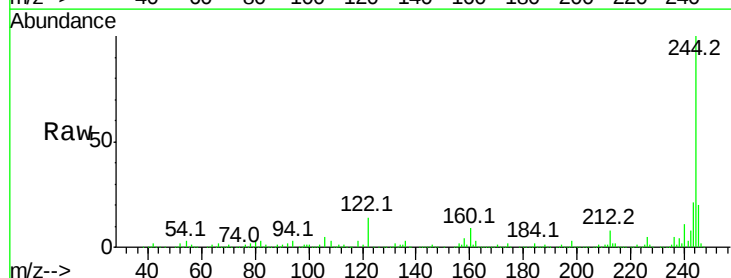


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

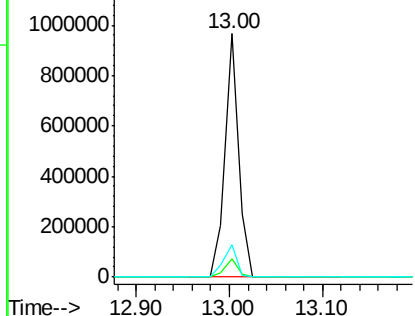
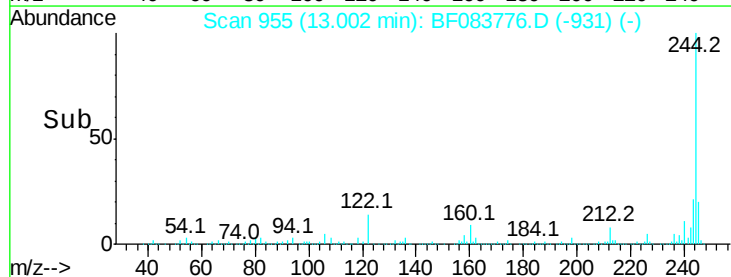


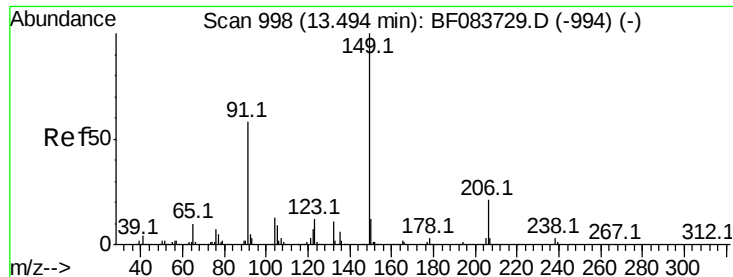
#78
Terphenyl-d14
Concen: 67.50 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Tgt Ion:244 Resp: 982274
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 13.5 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

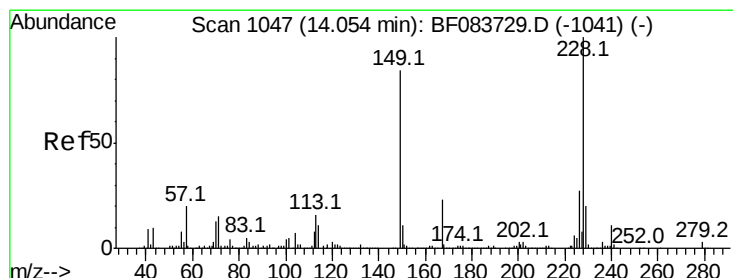
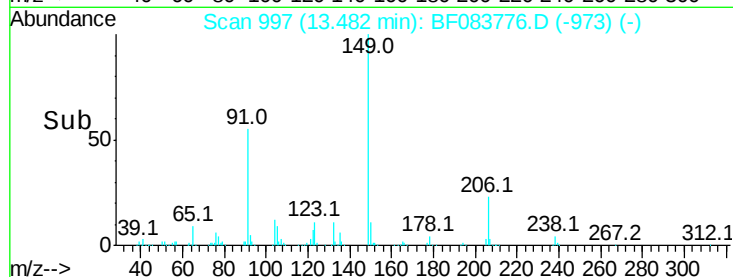
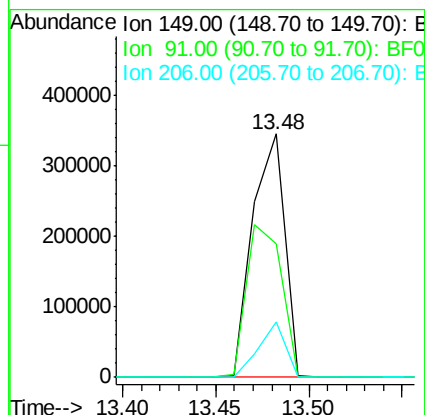
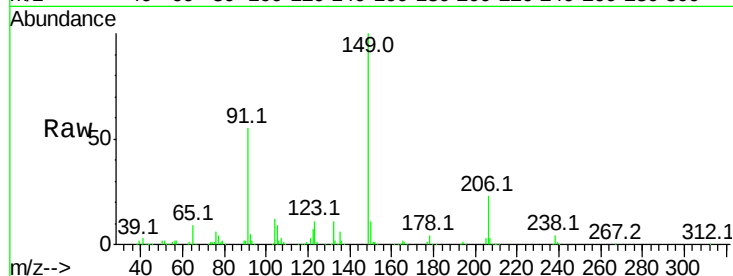




#79
Butylbenzylphthalate
Concen: 38.76 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

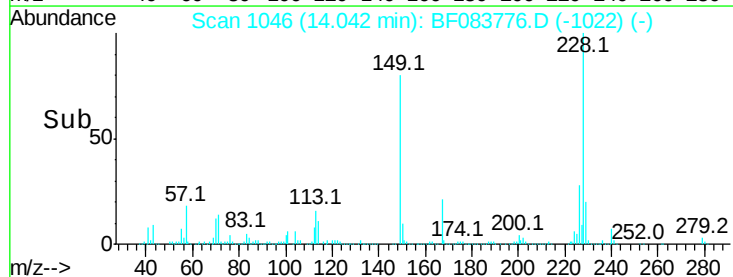
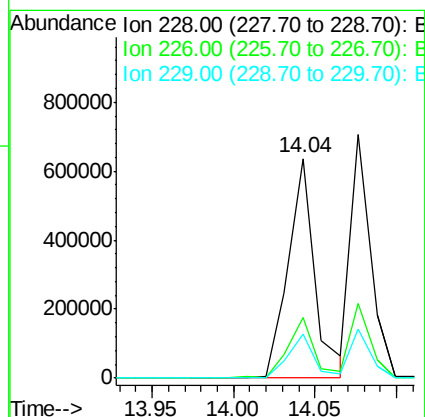
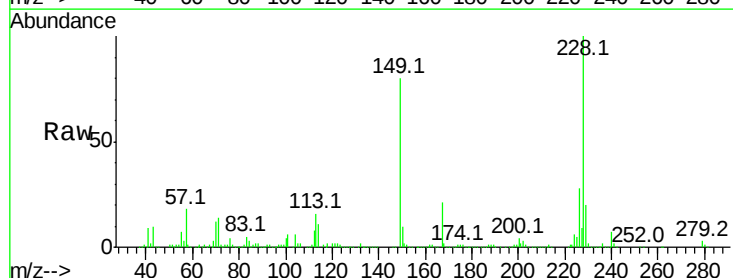
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

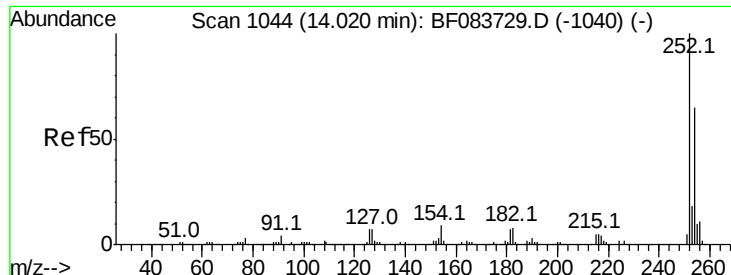
Tot Ion:149 Resp: 411509
Ion Ratio Lower Upper
149 100
91 54.6 60.0 90.0#
206 23.0 16.2 24.4



#80
Benzo(a)anthracene
Concen: 40.83 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF083776.D
Acq: 14 Dec 2015 18:37

Tgt Ion:228 Resp: 726793
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.9 15.7 23.5

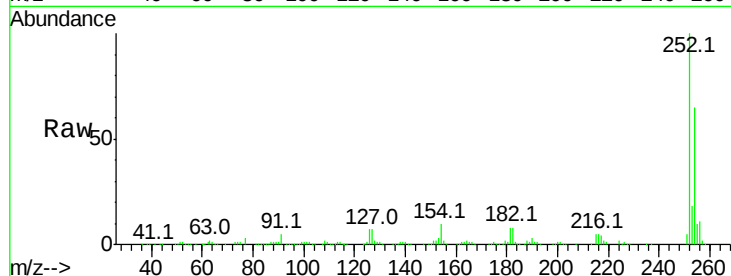




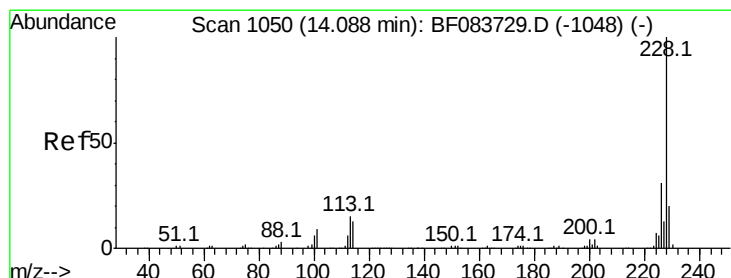
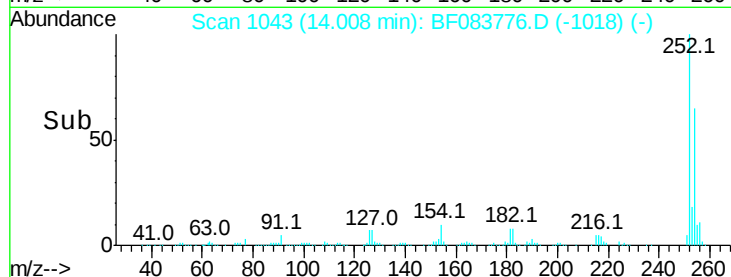
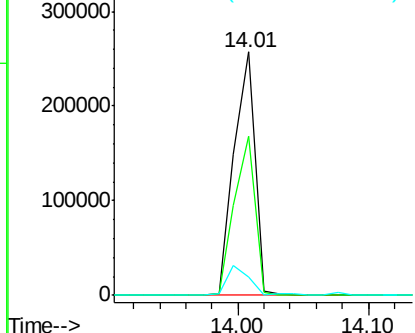
#81
 3,3'-Dichlorobenzidine
 Concen: 44.39 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 285034
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.6 76.0
 126 7.4 11.0 16.4#

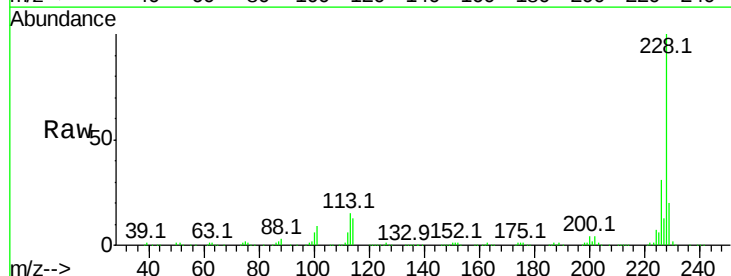


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

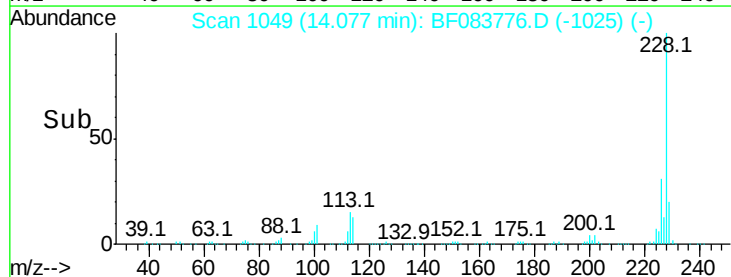
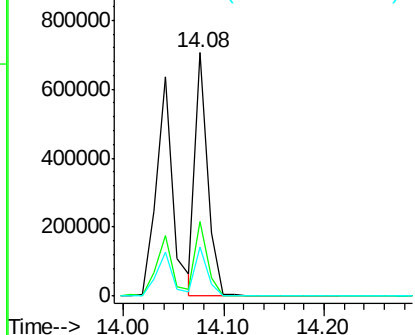


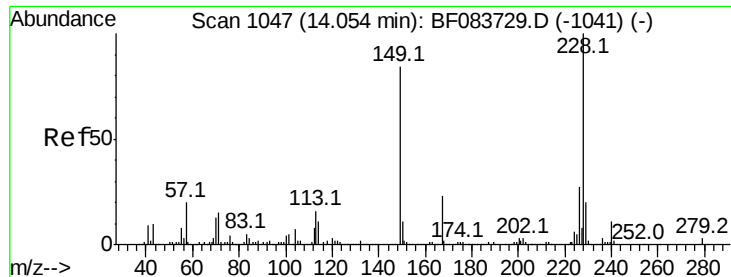
#82
 Chrysene
 Concen: 35.74 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion:228 Resp: 620506
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.7 37.1
 229 20.0 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

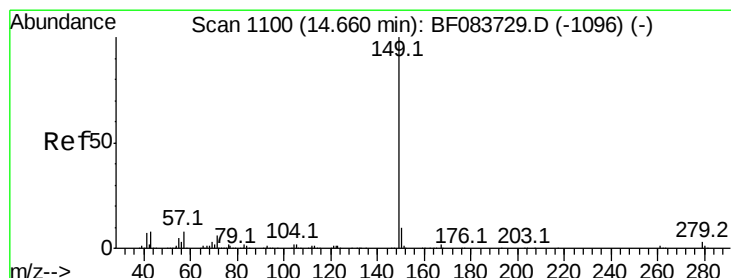
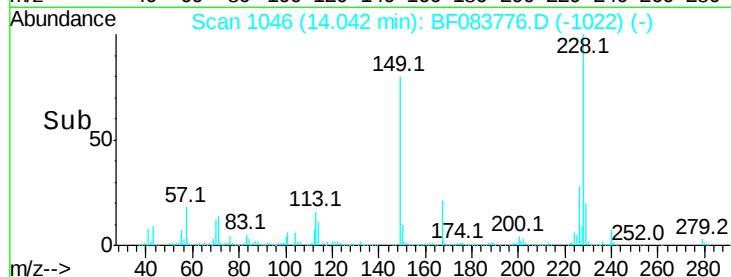
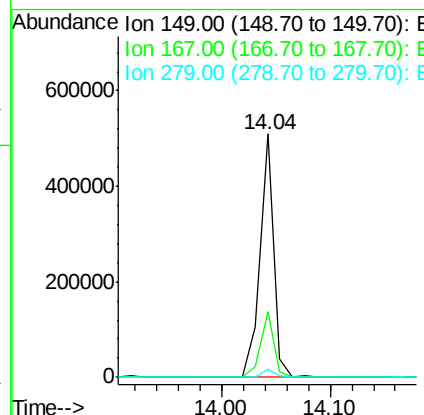
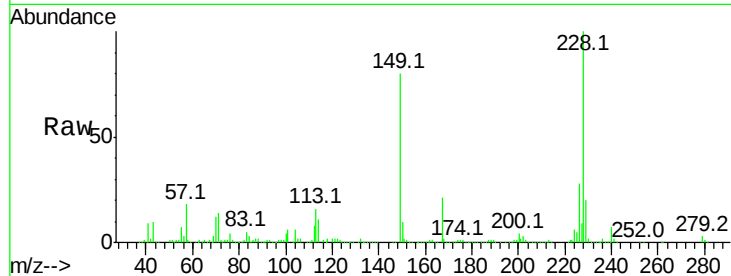




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.60 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

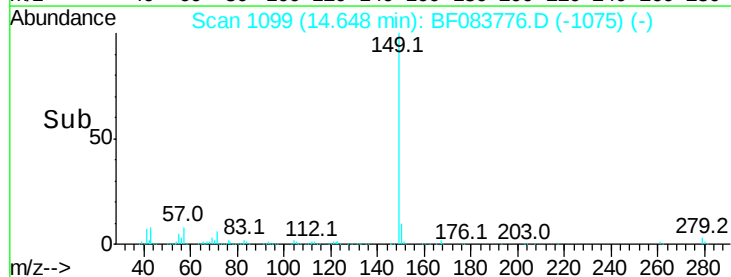
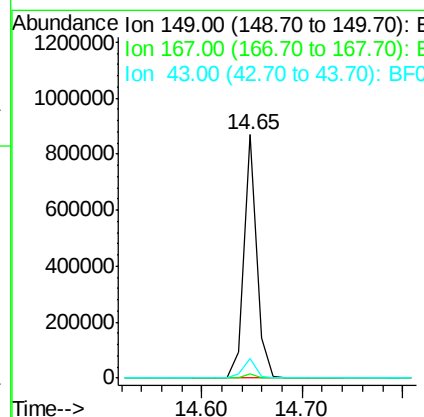
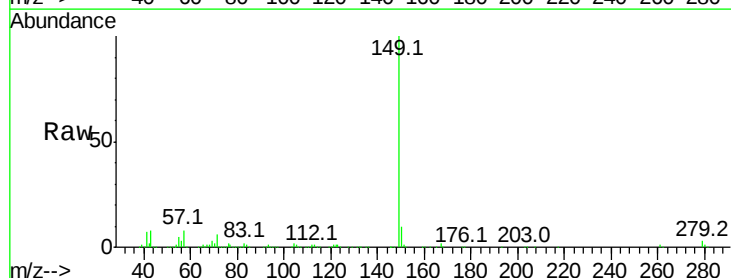
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

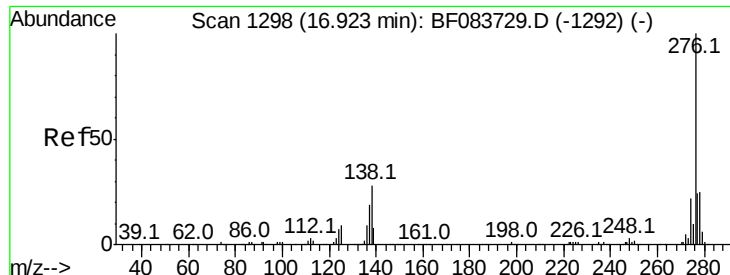
Tot Ion:149 Resp: 454428
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.8
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 39.94 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion:149 Resp: 766990
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 8.2 0.0 0.0#

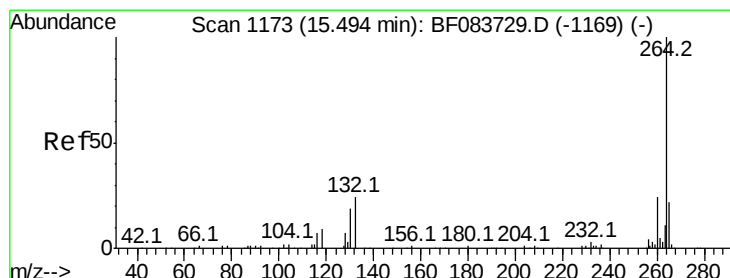
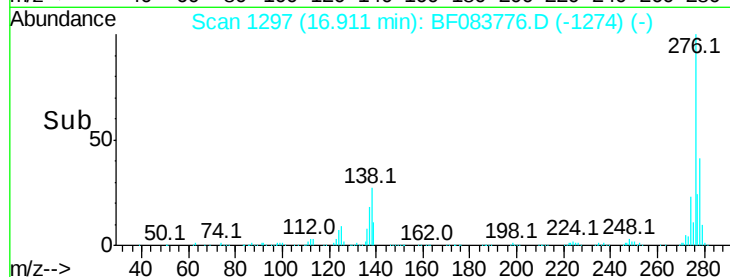
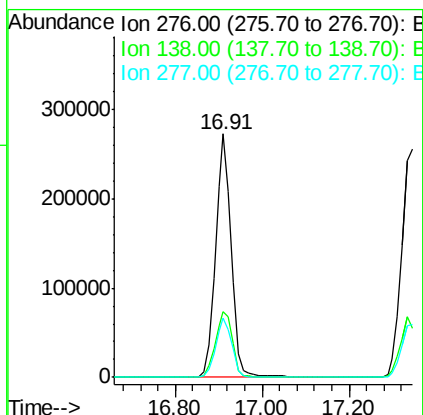
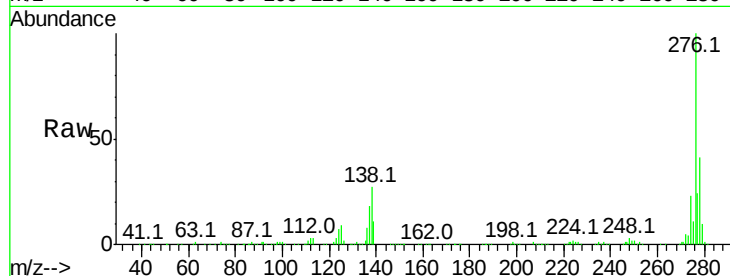




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.87 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.03 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

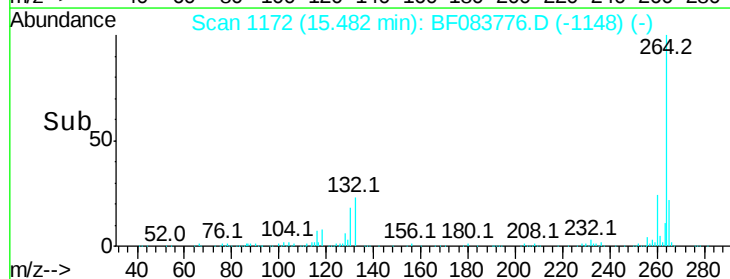
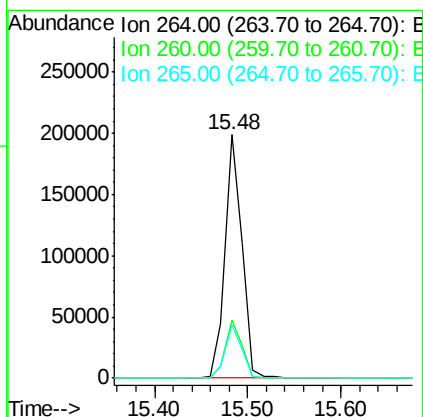
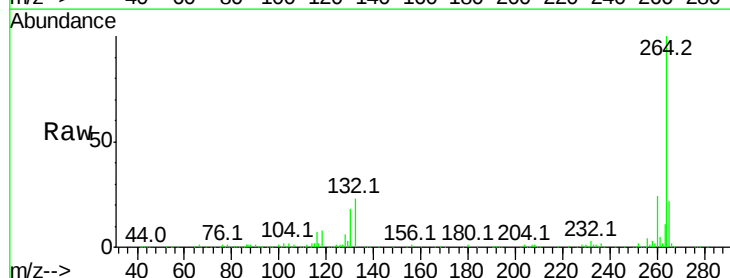
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

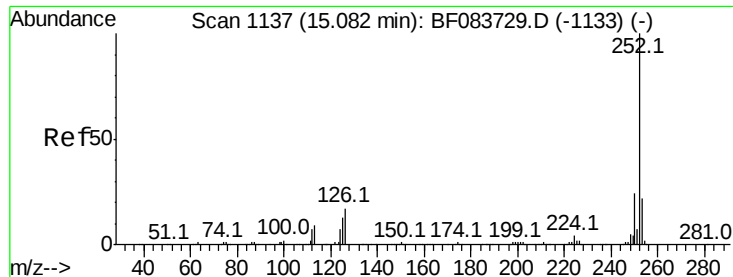
Tot Ion:276 Resp: 696767
 Ion Ratio Lower Upper
 276 100
 138 29.6 0.0 0.0#
 277 25.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083776.D
 Acq: 14 Dec 2015 18:37

Tgt Ion:264 Resp: 251818
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.9 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 37.29 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

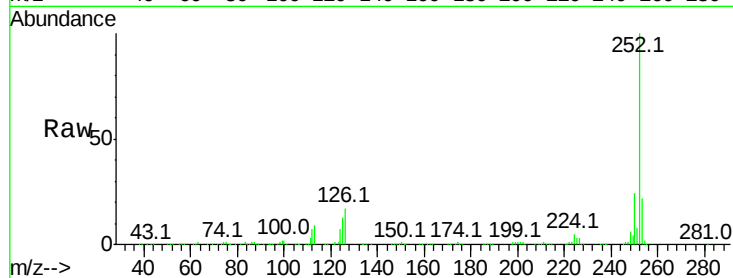
Tot Ion:252 Resp: 598988

Ion Ratio Lower Upper

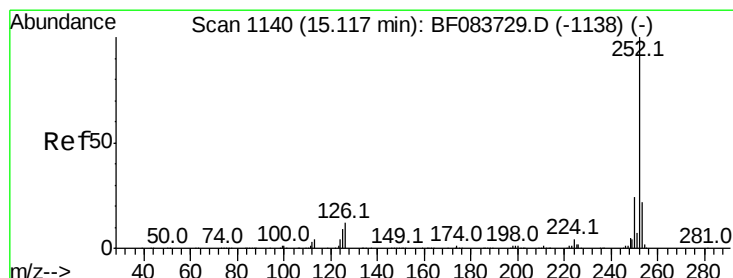
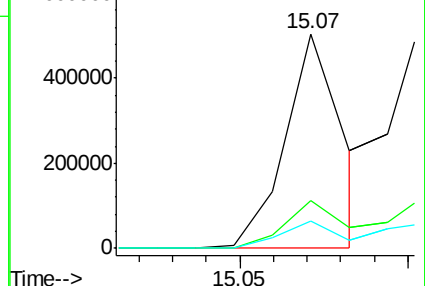
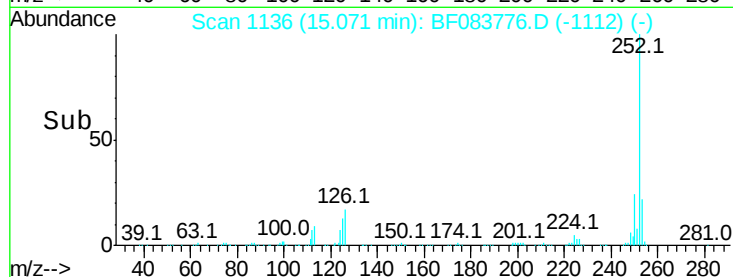
252 100

253 22.4 18.2 27.4

125 12.8 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.40 ng m

RT: 15.11 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

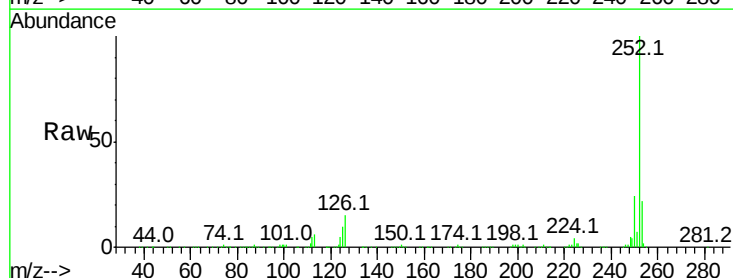
Tgt Ion:252 Resp: 631698

Ion Ratio Lower Upper

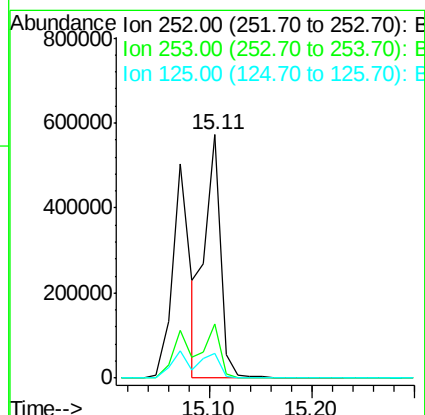
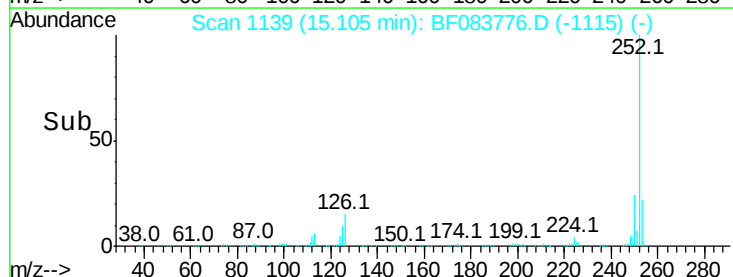
252 100

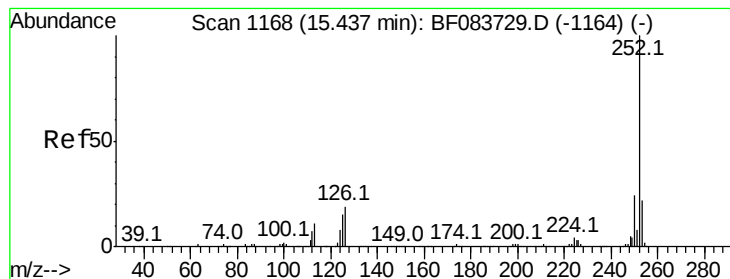
253 22.1 18.6 27.8

125 10.1 11.5 17.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.14 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

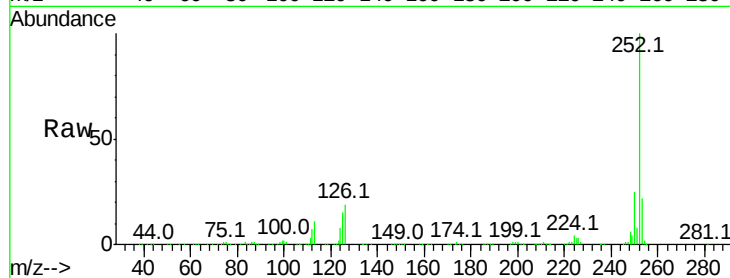
Tot Ion:252 Resp: 575506

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

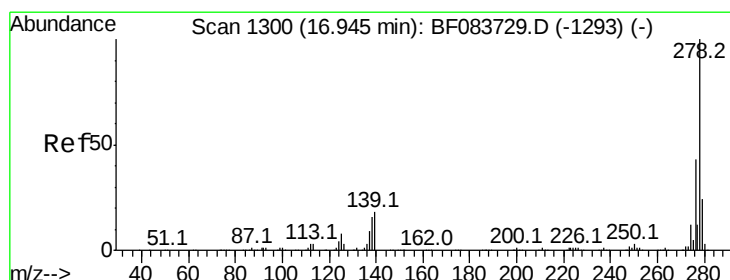
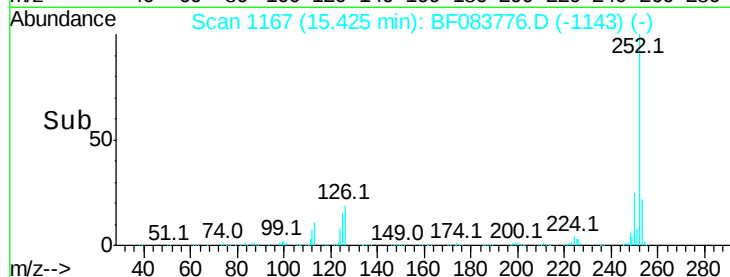
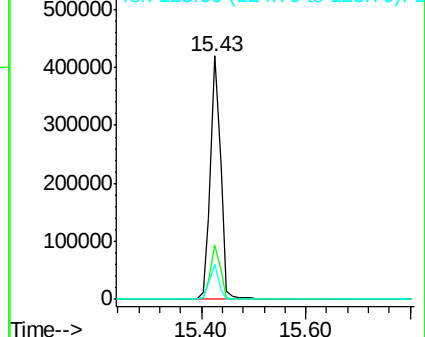
125 14.6 11.0 16.6



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: 39.54 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

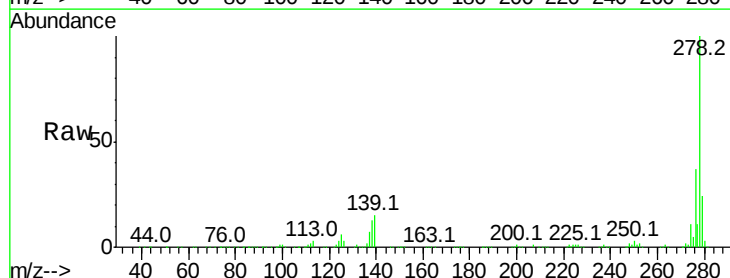
Tgt Ion:278 Resp: 563596

Ion Ratio Lower Upper

278 100

139 15.4 12.8 19.2

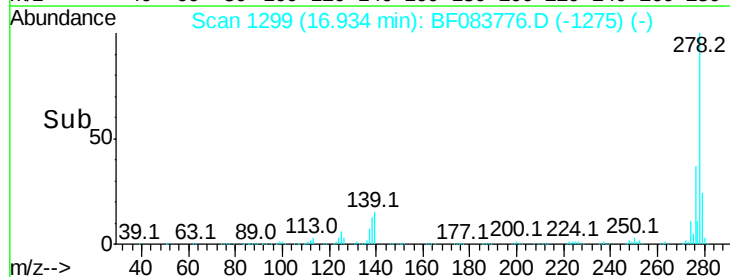
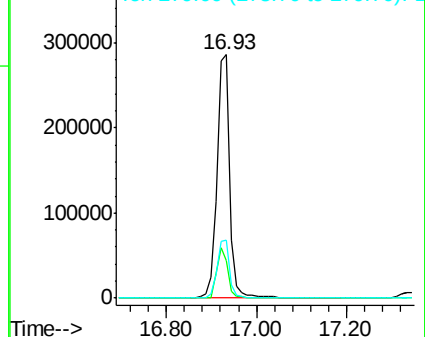
279 23.8 18.6 28.0

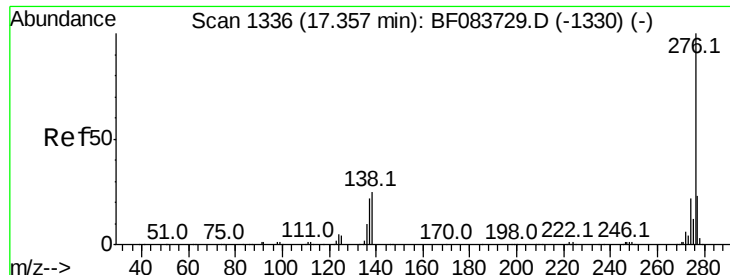


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.50 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BF083776.D

Acq: 14 Dec 2015 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

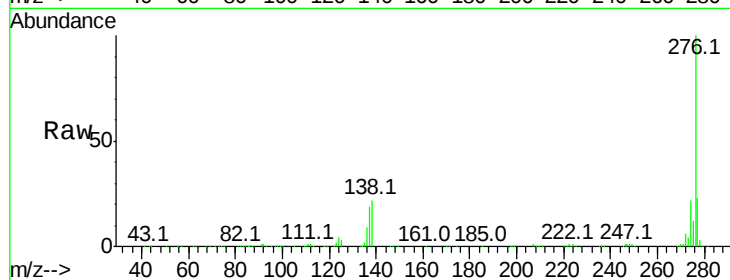
Tot Ion:276 Resp: 593453

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 21.7 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

