

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF083992.D
 Acq On : 22 Dec 2015 15:20
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Dec 22 16:46:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 16:42:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	56980	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	226328	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	90243	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	166016	20.00	ng	0.00
75) Chrysene-d12	13.99	240	165094	20.00	ng	-0.01
86) Perylene-d12	15.41	264	136423	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	63772	9.36	ng	0.00
7) Phenol-d6	6.46	99	86992	10.65	ng	-0.01
23) Nitrobenzene-d5	7.39	82	76352	10.37	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	16885	10.10	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	132020	9.33	ng	-0.01
78) Terphenyl-d14	12.93	244	144449	10.09	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.40	88	17072	10.68	ng	88
3) Pyridine	3.15	79	34429	10.96	ng	93
4) n-Nitrosodimethylamine	3.06	42	12083	9.85	ng	95
6) Aniline	6.49	93	57959	10.09	ng	99
8) 2-Chlorophenol	6.61	128	38274	9.61	ng	99
9) Benzaldehyde	6.37	77	31417	11.26	ng	99
10) Phenol	6.49	94	46980	9.70	ng	# 43
11) bis(2-Chloroethyl)ether	6.56	93	34963	9.60	ng	90
12) 1,3-Dichlorobenzene	6.77	146	43236	9.91	ng	96
13) 1,4-Dichlorobenzene	6.84	146	44755	10.44	ng	96
14) 1,2-Dichlorobenzene	7.00	146	41174	9.61	ng	96
15) Benzyl Alcohol	6.98	79	31623	10.09	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	35628	10.08	ng	82
17) 2-Methylphenol	7.09	107	33420	10.40	ng	99
18) Hexachloroethane	7.34	117	15677	10.18	ng	# 87
19) n-Nitroso-di-n-propylamine	7.24	70	23749	9.91	ng	98
20) 3+4-Methylphenols	7.25	107	39715	10.02	ng	# 51
22) Acetophenone	7.24	105	52562	9.53	ng	# 91
24) Nitrobenzene	7.41	77	38791	10.06	ng	90
25) Isophorone	7.65	82	66225	9.45	ng	# 90
26) 2-Nitrophenol	7.73	139	20832	10.06	ng	100
27) 2,4-Dimethylphenol	7.78	122	34410	9.25	ng	92
28) bis(2-Chloroethoxy)methane	7.86	93	41408	9.45	ng	98
29) 2,4-Dichlorophenol	7.98	162	29824	9.29	ng	93
30) 1,2,4-Trichlorobenzene	8.05	180	32768	9.81	ng	98
31) Naphthalene	8.13	128	120196	9.98	ng	99
32) Benzoic acid	7.87	122	9954	8.85	ng	95
33) 4-Chloroaniline	8.19	127	44410	9.12	ng	# 89
34) Hexachlorobutadiene	8.26	225	20113	9.71	ng	98
35) Caprolactam	8.52	113	7925	8.51	ng	# 82
36) 4-Chloro-3-methylphenol	8.67	107	28280	8.62	ng	# 85
37) 2-Methylnaphthalene	8.83	142	63940	8.26	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	25530	9.41	ng	99
40) Hexachlorocyclopentadiene	8.99	237	1864	4.18	ng	87

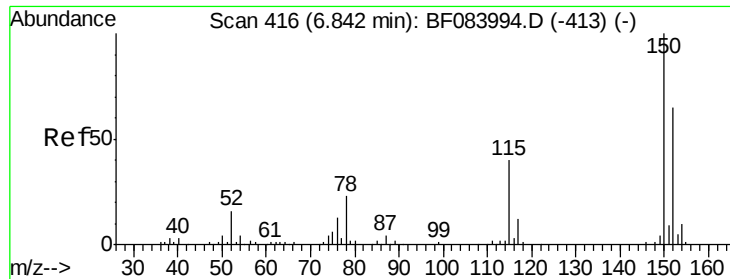
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF083992.D
 Acq On : 22 Dec 2015 15:20
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 Sample : SSTDICC010
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 QLast Update : Tue Dec 22 16:42:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	14774	8.96	nq	100
43) 2,4,5-Trichlorophenol	9.16	196	15379	8.95	nq	98
45) 1,1'-Biphenyl	9.29	154	82103	9.75	nq	98
46) 2-Chloronaphthalene	9.31	162	55478	9.13	nq	99
47) 2-Nitroaniline	9.41	65	14019	8.73	nq	# 70
48) Acenaphthylene	9.73	152	89229	9.53	nq	99
49) Dimethylphthalate	9.58	163	69630	9.32	nq	# 90
50) 2,6-Dinitrotoluene	9.65	165	15236	9.80	nq	98
51) Acenaphthene	9.90	154	53910	9.76	nq	99
52) 3-Nitroaniline	9.82	138	15014	9.53	nq	# 70
53) 2,4-Dinitrophenol	9.94	184	3153	7.29	nq	# 84
54) Dibenzofuran	10.08	168	85212	9.83	nq	99
55) 4-Nitrophenol	10.00	139	8838	10.07	nq	# 71
56) 2,4-Dinitrotoluene	10.05	165	18946	10.15	nq	# 74
57) Fluorene	10.42	166	65956	9.71	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	11710	9.25	nq	# 95
59) Diethylphthalate	10.28	149	69907	9.83	nq	# 93
60) 4-Chlorophenyl-phenylether	10.41	204	32291	10.21	nq	95
61) 4-Nitroaniline	10.43	138	15604	9.75	nq	91
62) Azobenzene	10.57	77	60309	9.84	nq	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	6938	8.62	nq	# 36
65) n-Nitrosodiphenylamine	10.52	169	62226	9.75	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	17931	9.08	nq	95
67) Hexachlorobenzene	10.97	284	20445	9.49	nq	# 92
68) Atrazine	11.05	200	18960	9.93	nq	99
69) Pentachlorophenol	11.16	266	4324	8.96	nq	94
70) Phenanthrene	11.38	178	95805	9.72	nq	98
71) Anthracene	11.43	178	104422	10.54	nq	99
72) Carbazole	11.59	167	89992	9.71	nq	97
73) Di-n-butylphthalate	11.92	149	120323	10.23	nq	99
74) Fluoranthene	12.57	202	100449	10.44	nq	94
76) Benzidine	12.68	184	57576	10.03	nq	98
77) Pyrene	12.79	202	106846	9.84	nq	98
79) Butylbenzylphthalate	13.40	149	46716	9.60	nq	92
80) Benzo(a)anthracene	13.97	228	92763	9.58	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	33578	9.49	nq	# 99
82) Chrysene	14.02	228	81634	9.19	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	69301	9.77	nq	# 96
84) Di-n-octyl phthalate	14.58	149	108586	10.01	nq	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	72483	10.21	nq	98
87) Benzo(b)fluoranthene	15.01	252	84797	9.69	nq	100
88) Benzo(k)fluoranthene	15.01	252	84797	10.11	nq	# 96
89) Benzo(a)pyrene	15.36	252	77622	9.54	nq	# 95
90) Dibenzo(a,h)anthracene	16.83	278	58963	9.42	nq	96
91) Benzo(g,h,i)perylene	17.25	276	57246	9.15	nq	100

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

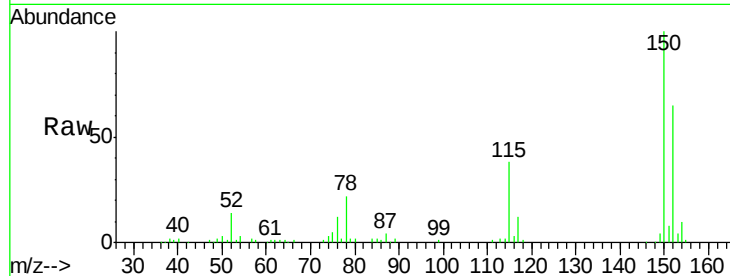


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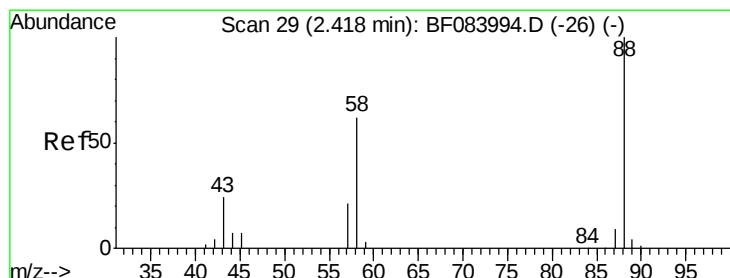
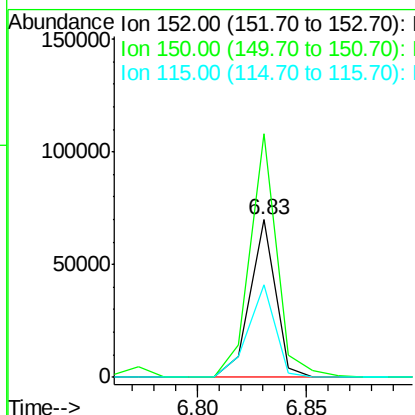
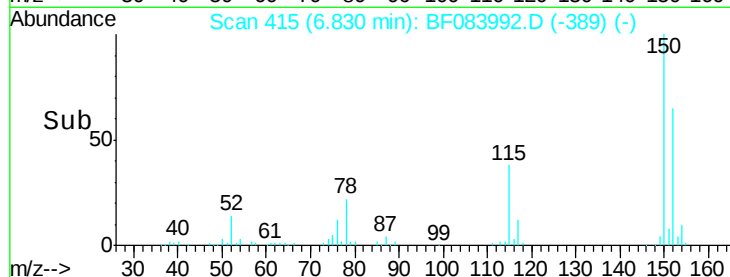
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion:152 Resp: 56980
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.4
115 58.4 51.4 77.2



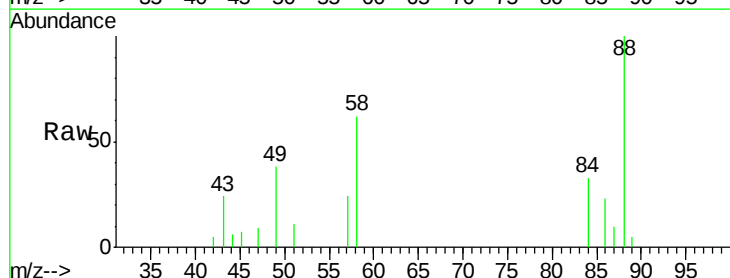
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



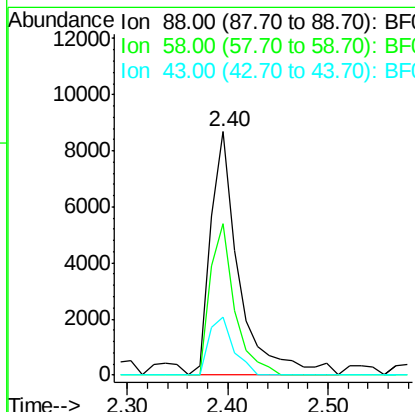
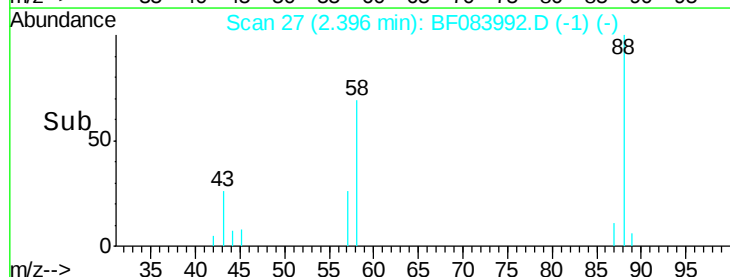
#2

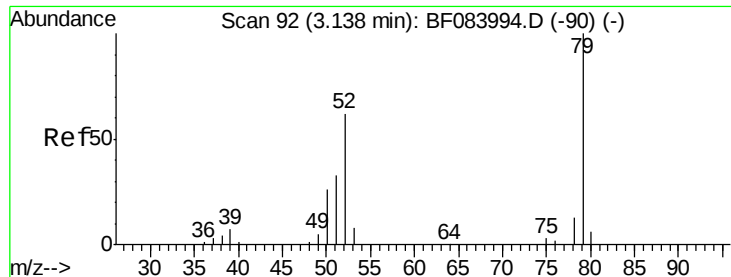
1,4-Dioxane
Concen: 10.68 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.01 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion: 88 Resp: 17072
Ion Ratio Lower Upper
88 100
58 53.3 51.2 76.8
43 20.1 19.5 29.3



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

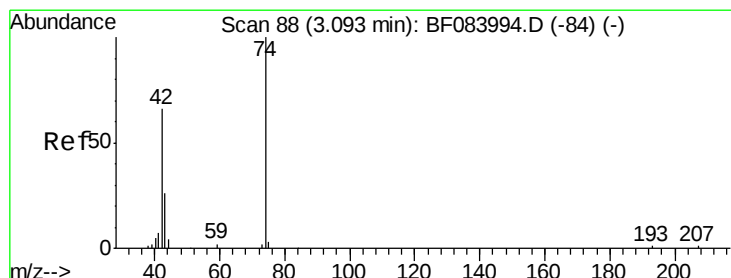
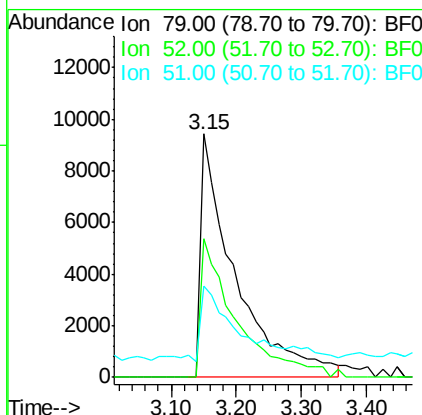
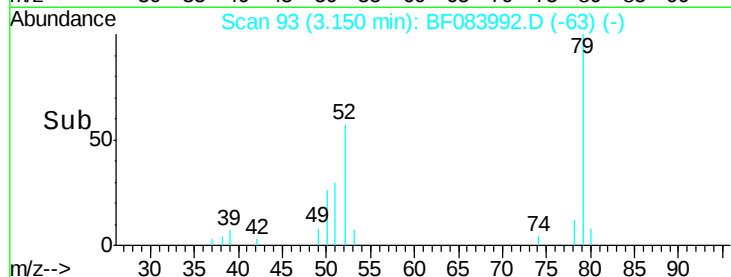
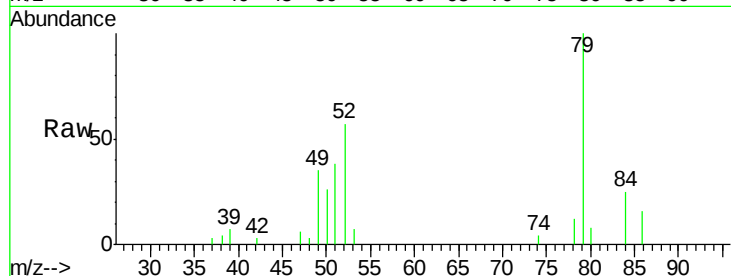




#3
 Pvridine
 Concen: 10.96 ng
 RT: 3.15 min Scan# 93
 Delta R.T. 0.05 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

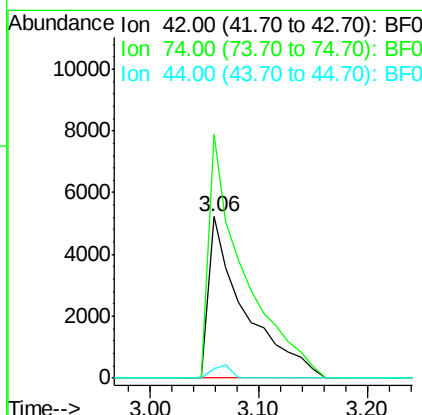
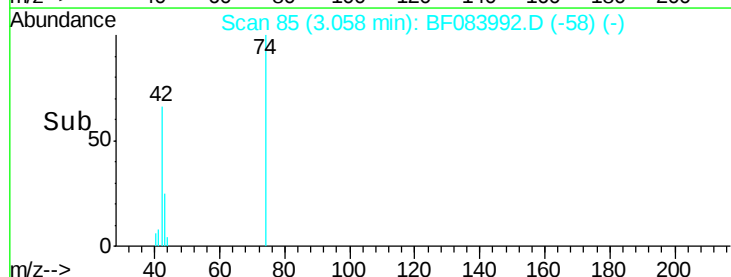
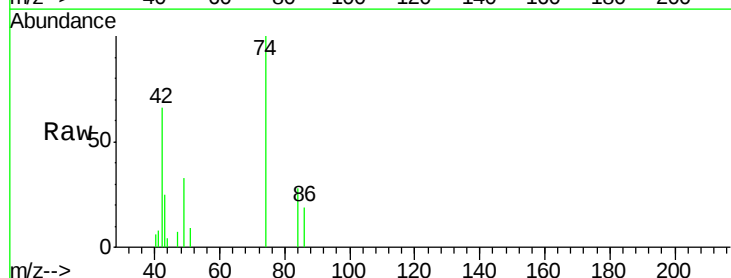
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

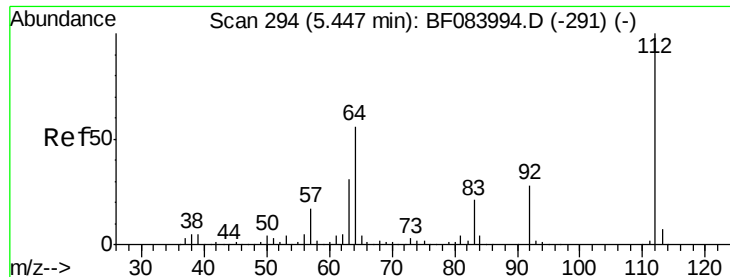
Tot Ion: 79 Resp: 34429
 Ion Ratio Lower Upper
 79 100
 52 57.0 49.0 73.4
 51 37.7 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 9.85 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.01 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Tgt Ion: 42 Resp: 12083
 Ion Ratio Lower Upper
 42 100
 74 150.8 115.7 173.5
 44 6.2 5.1 7.7





#5

2-Fluorophenol

Concen: 9.36 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

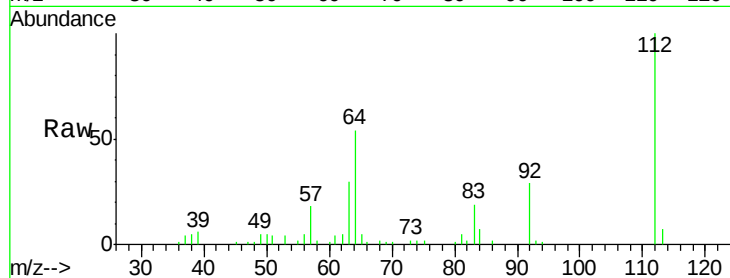
Tot Ion:112 Resp: 63772

Ion Ratio Lower Upper

112 100

64 54.1 36.6 55.0

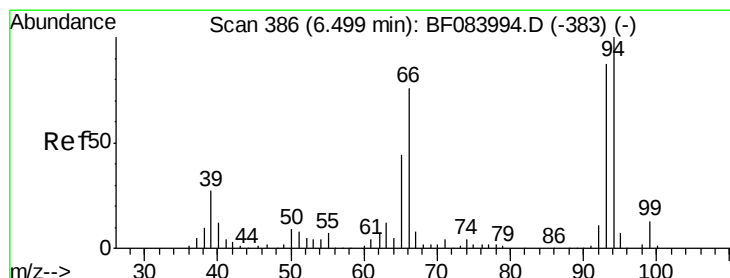
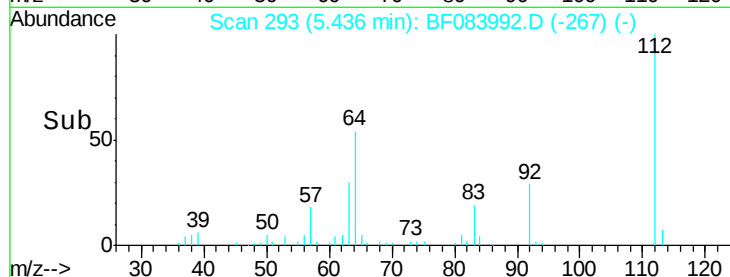
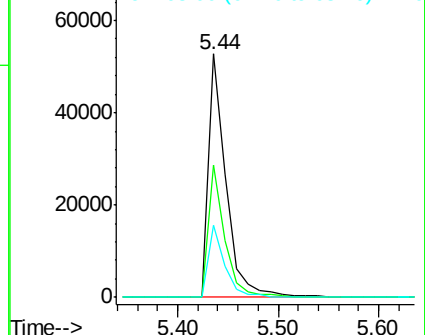
63 29.7 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.09 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

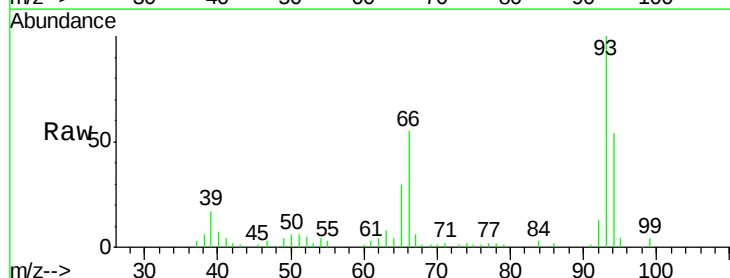
Tgt Ion: 93 Resp: 57959

Ion Ratio Lower Upper

93 100

66 55.1 44.9 67.3

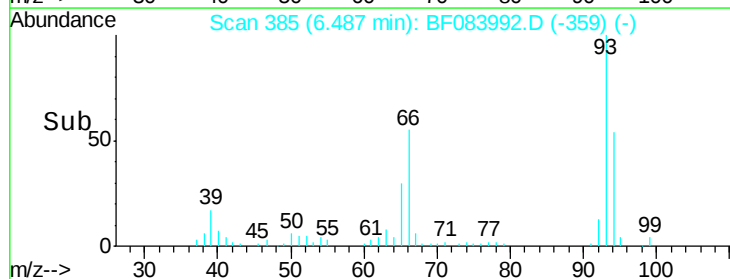
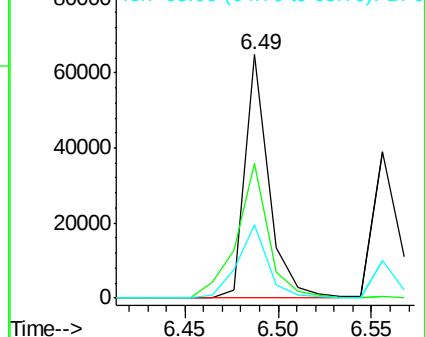
65 30.0 23.7 35.5

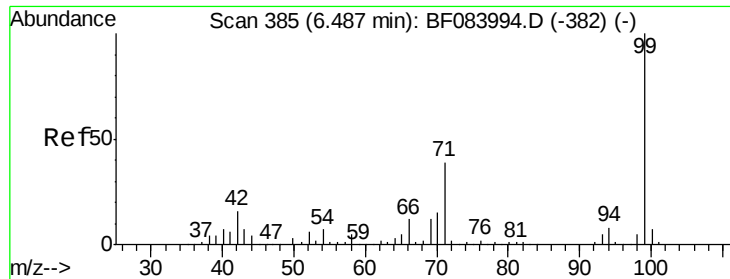


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 10.65 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

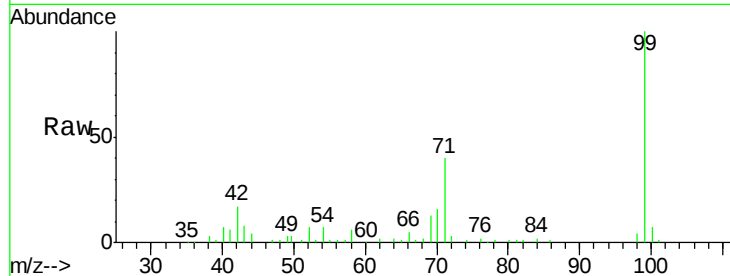
Tot Ion: 99 Resp: 86992

Ion Ratio Lower Upper

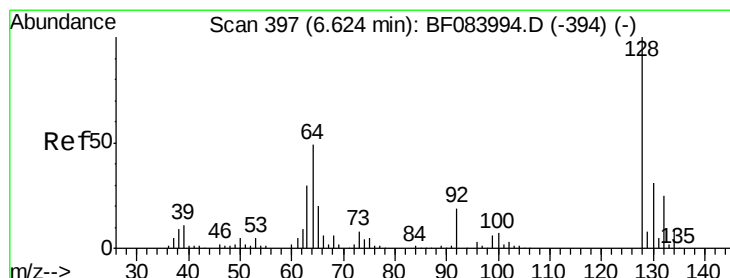
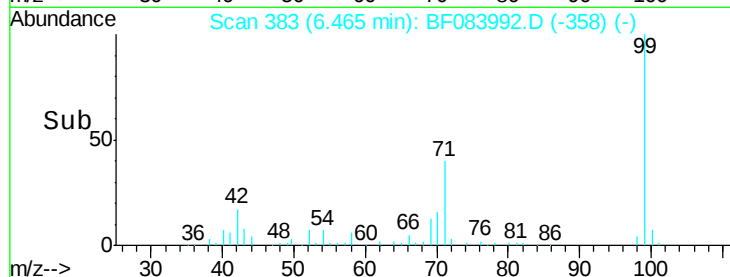
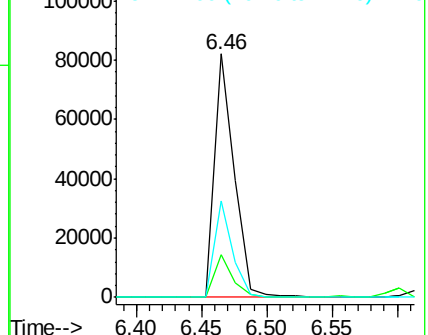
99 100

42 17.4 12.8 19.2

71 39.6 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 9.61 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

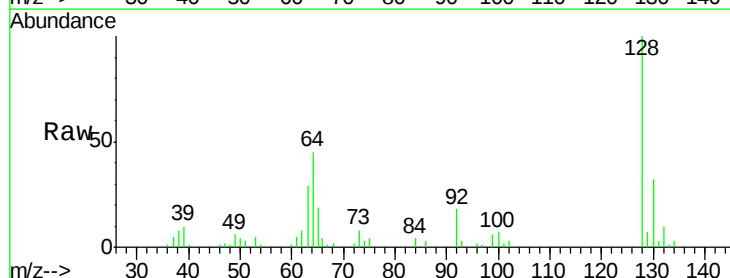
Tgt Ion: 128 Resp: 38274

Ion Ratio Lower Upper

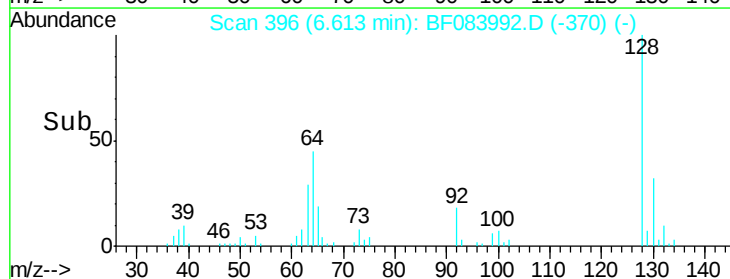
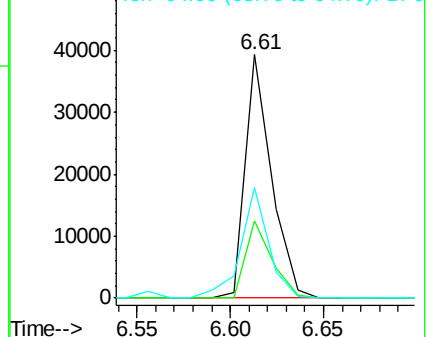
128 100

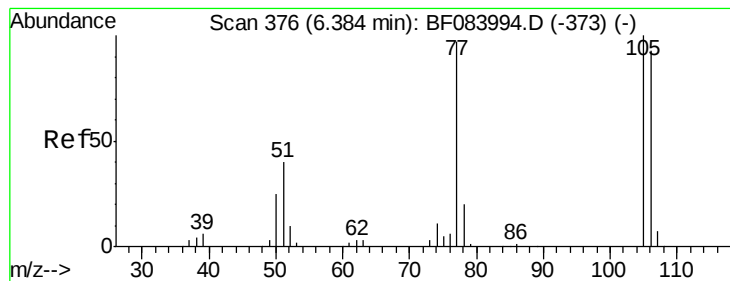
130 31.6 11.6 51.6

64 45.3 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.26 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

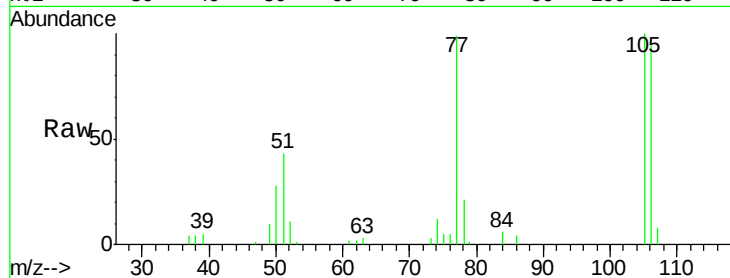
Tot Ion: 77 Resp: 31417

Ion Ratio Lower Upper

77 100

105 100.6 83.0 123.0

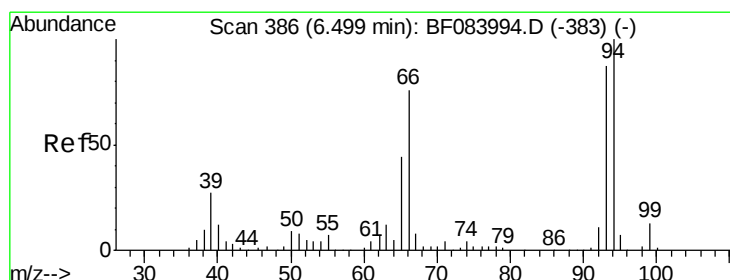
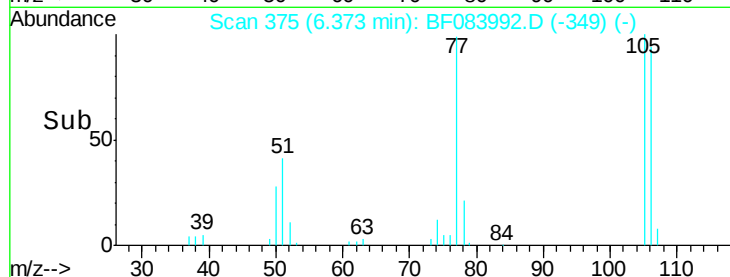
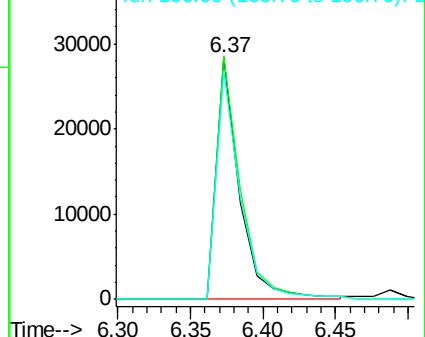
106 94.1 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 9.70 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

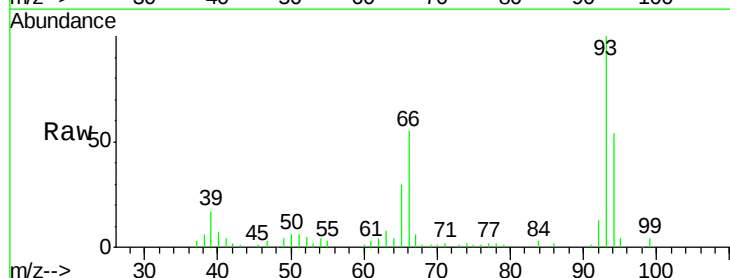
Tgt Ion: 94 Resp: 46980

Ion Ratio Lower Upper

94 100

65 55.1 12.9 52.9#

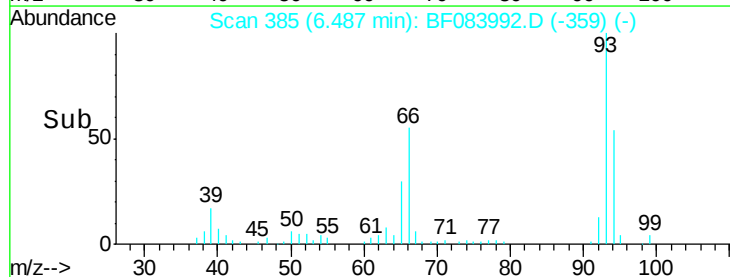
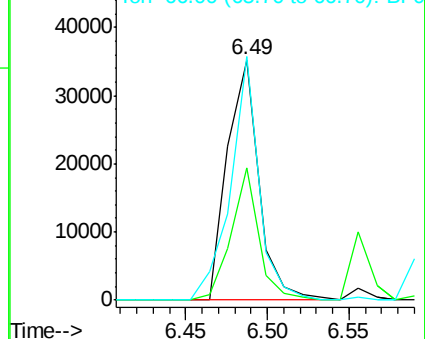
66 101.3 32.7 72.7#

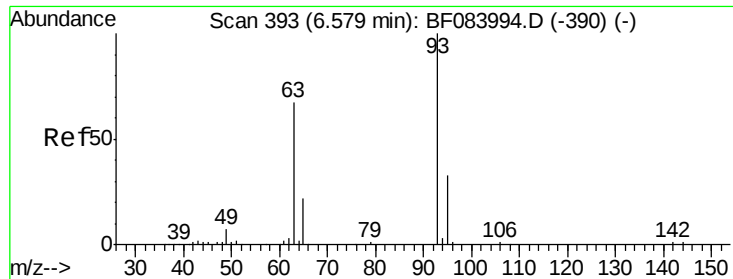


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 9.60 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

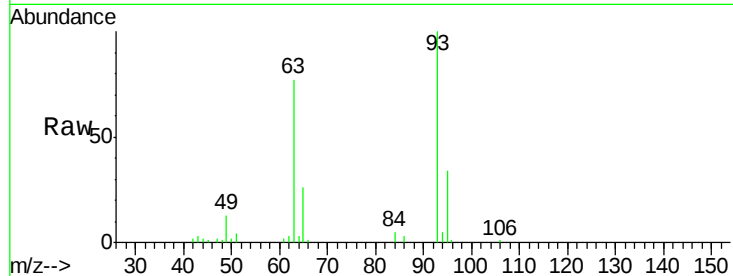
Tot Ion: 93 Resp: 34963

Ion Ratio Lower Upper

93 100

63 76.6 45.9 85.9

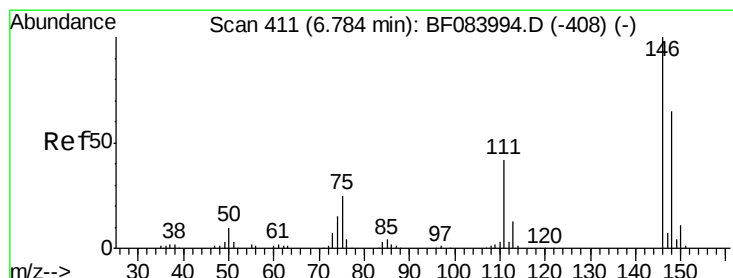
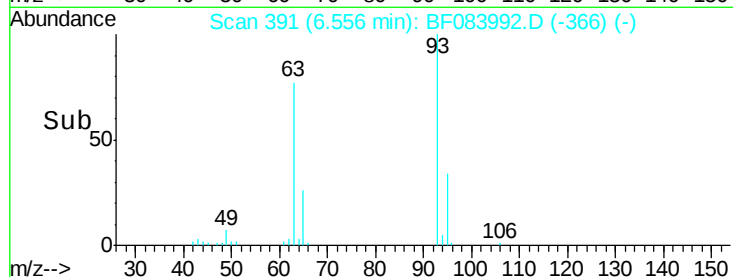
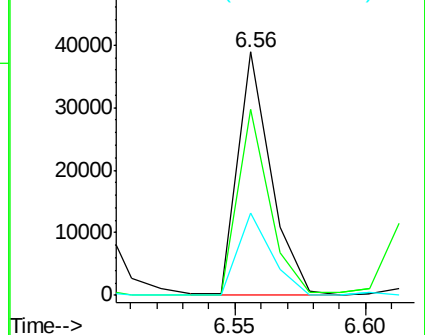
95 33.6 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 9.91 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

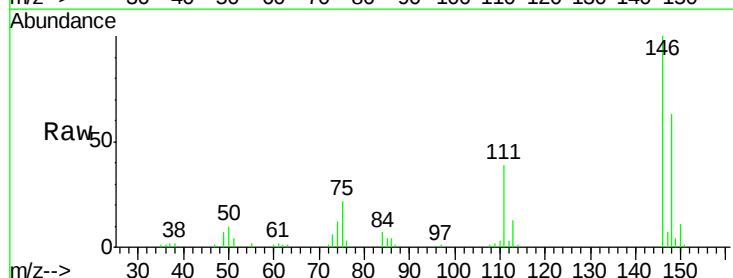
Tgt Ion: 146 Resp: 43236

Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

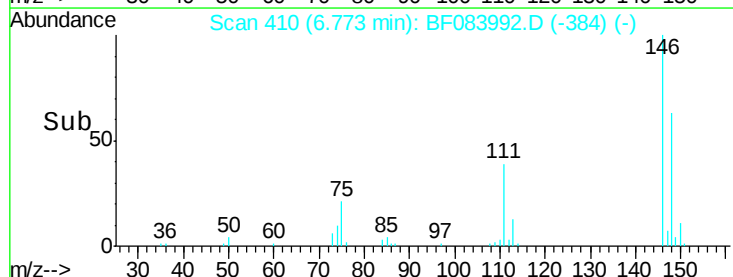
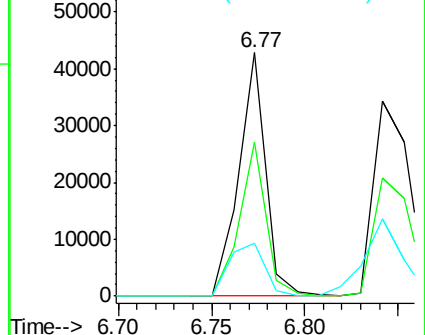
75 21.7 20.5 30.7

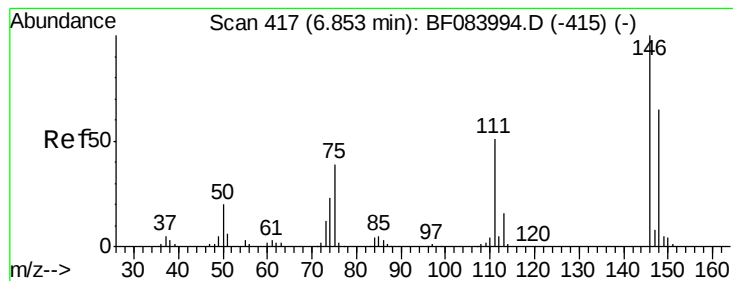


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 10.44 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

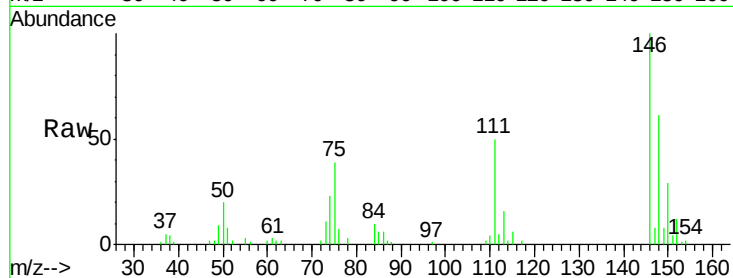
Tot Ion:146 Resp: 44755

Ion Ratio Lower Upper

146 100

148 60.7 51.9 77.9

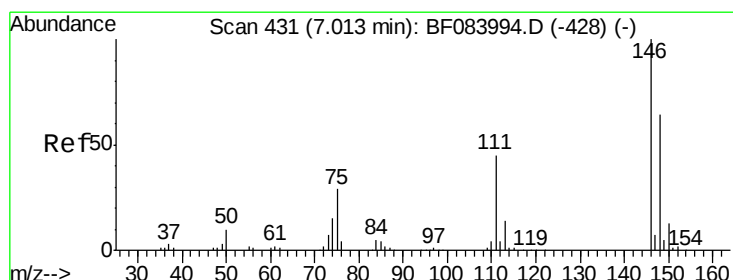
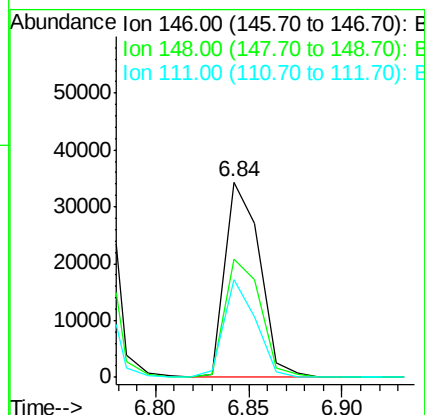
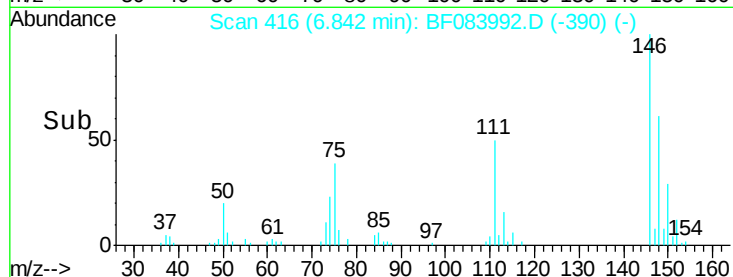
111 49.9 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 9.61 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

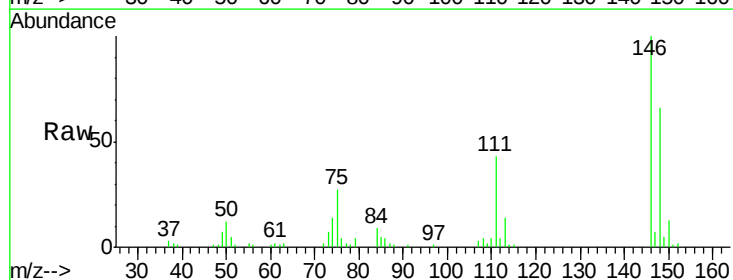
Tgt Ion:146 Resp: 41174

Ion Ratio Lower Upper

146 100

148 66.1 51.6 77.4

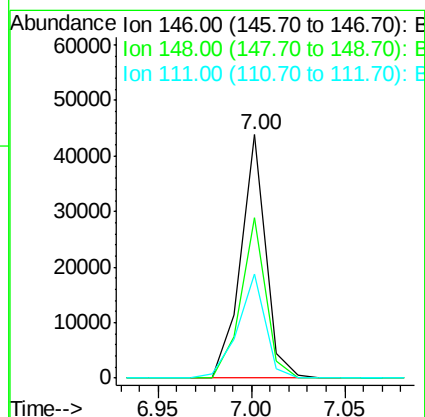
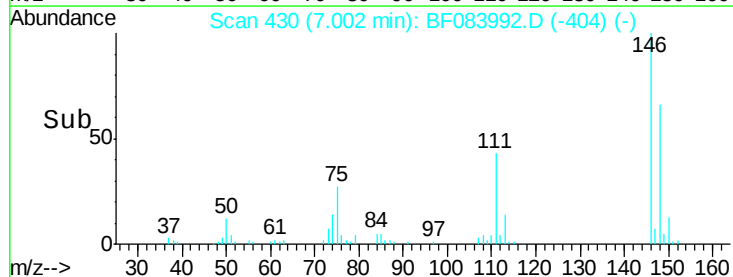
111 42.5 38.0 57.0

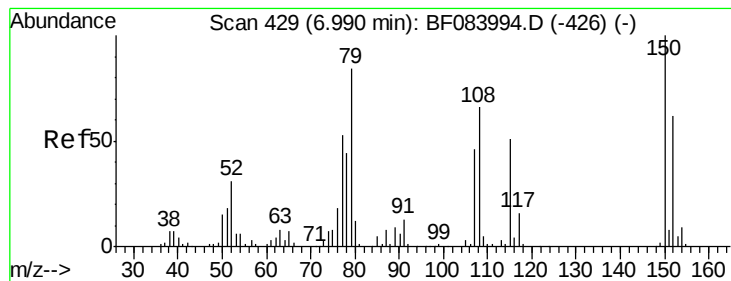


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.09 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleID :

SSTDIC010

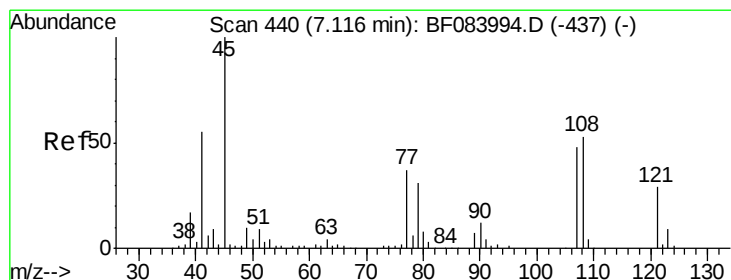
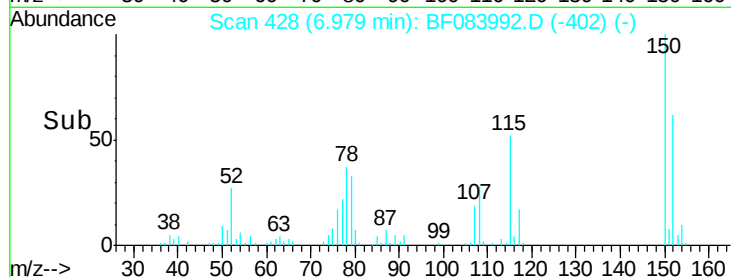
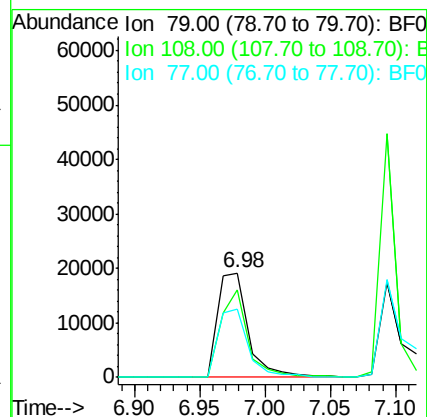
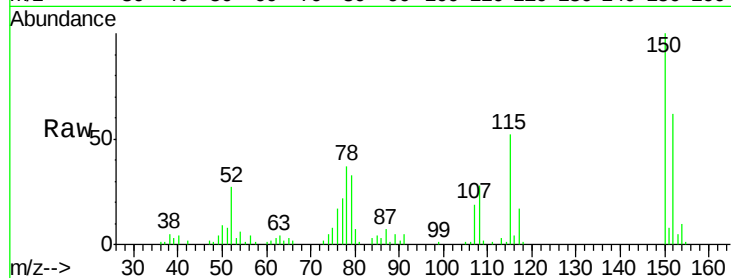
Tot Ion: 79 Resp: 31623

Ion Ratio Lower Upper

79 100

108 84.0 69.0 103.4

77 65.2 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.08 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

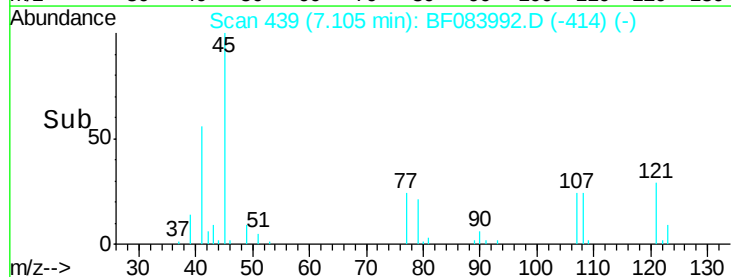
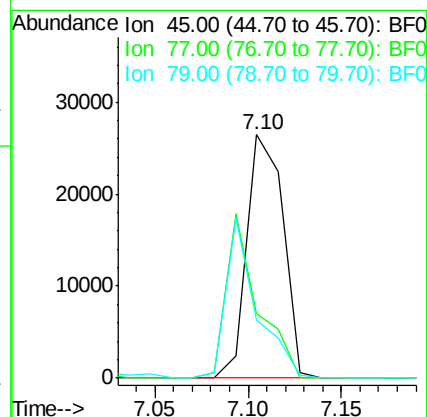
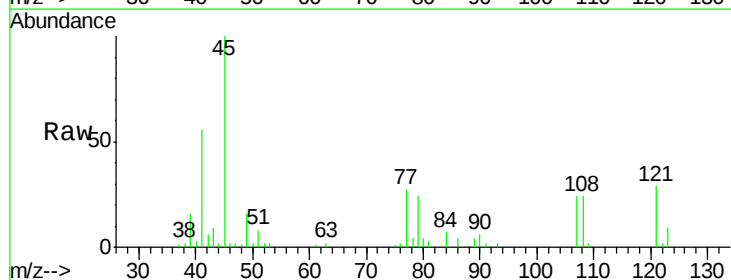
Tgt Ion: 45 Resp: 35628

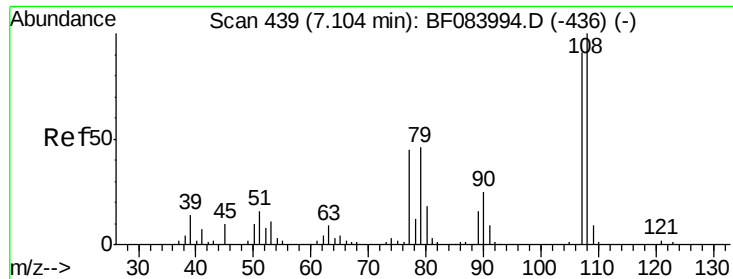
Ion Ratio Lower Upper

45 100

77 26.7 0.0 39.6

79 23.7 0.0 35.0

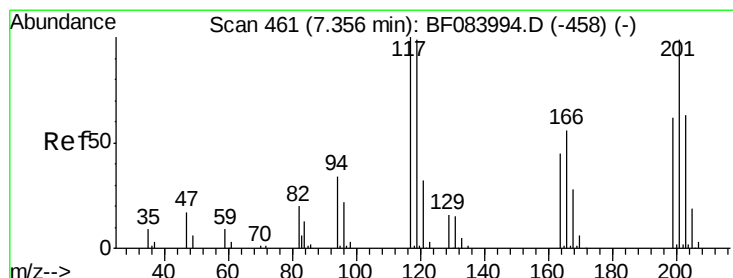
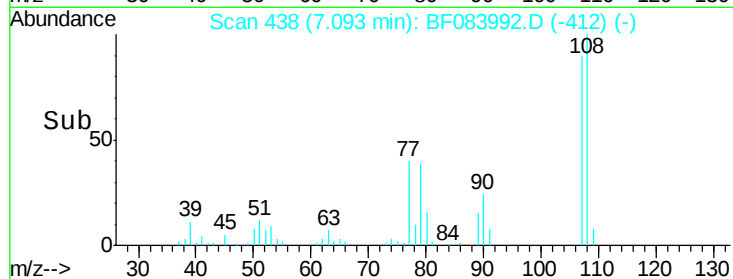
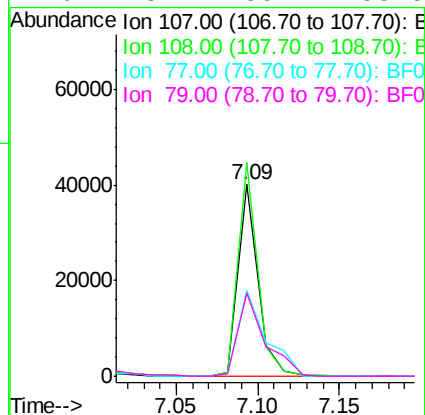
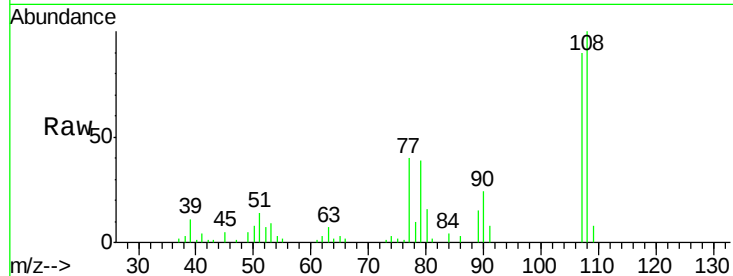




#17
2-Methylphenol
Concen: 10.40 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

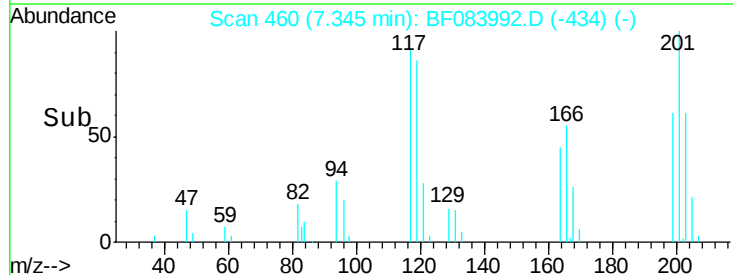
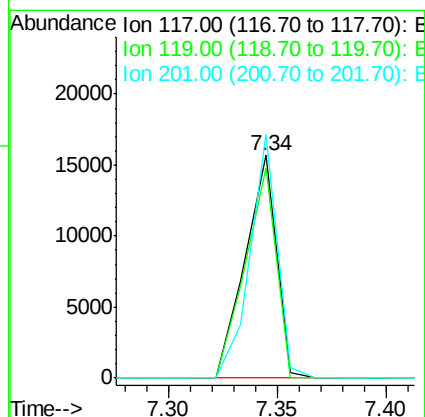
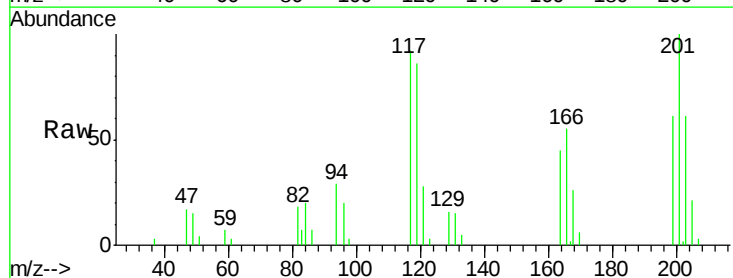
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

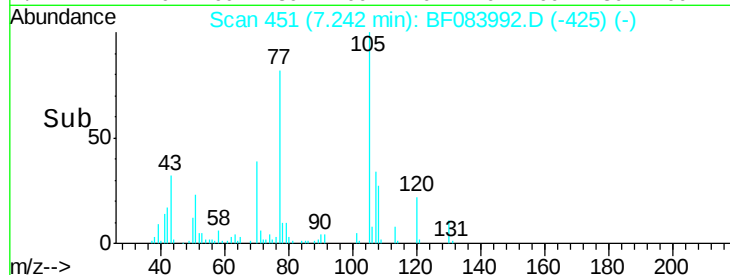
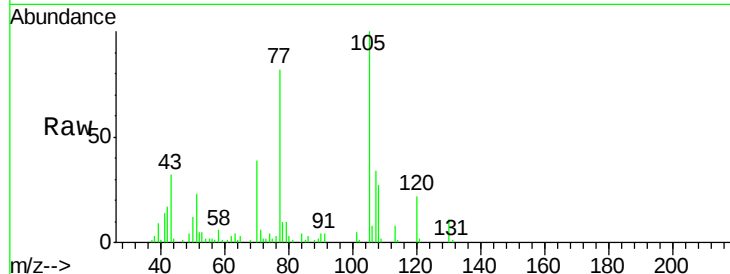
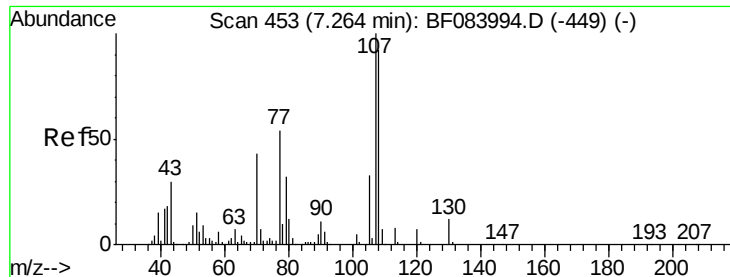
Tot Ion:107 Resp: 33420
Ion Ratio Lower Upper
107 100
108 111.3 89.8 134.6
77 44.4 35.7 53.5
79 43.4 35.7 53.5



#18
Hexachloroethane
Concen: 10.18 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion:117 Resp: 15677
Ion Ratio Lower Upper
117 100
119 94.2 77.4 116.0
201 109.2 68.6 103.0#

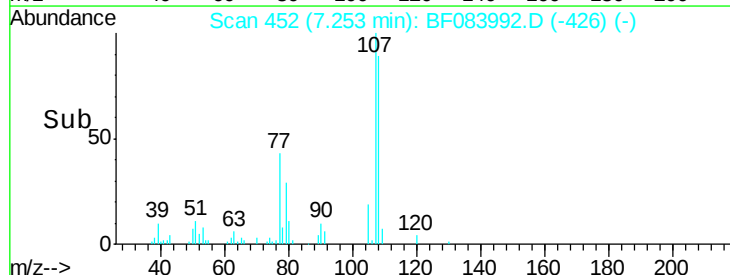
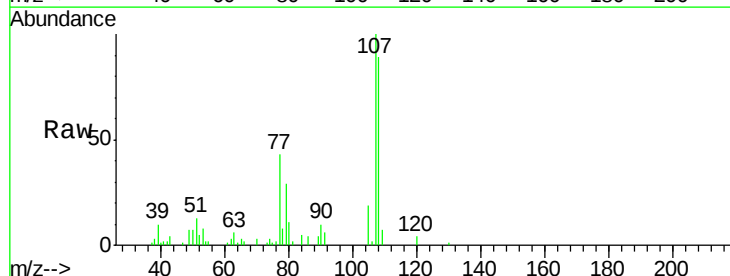
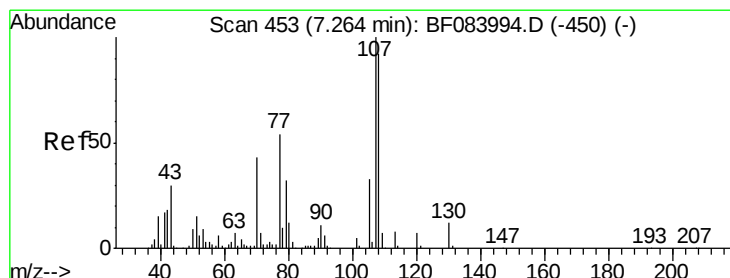
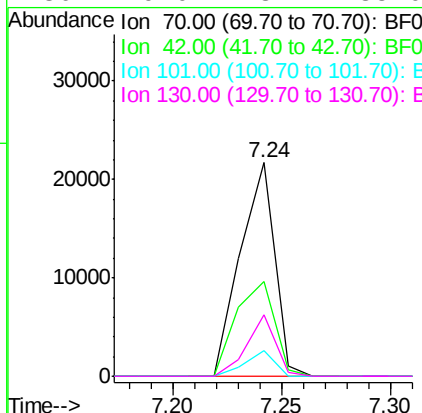




#19
n-Nitroso-di-n-propylamine
Concen: 9.91 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

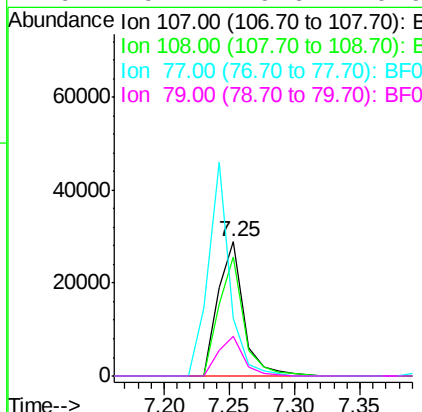
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

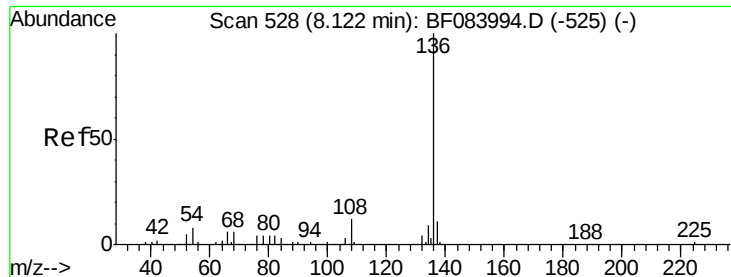
Tot Ion: 70 Resp: 23749
Ion Ratio Lower Upper
70 100
42 44.4 33.3 49.9
101 12.0 9.3 13.9
130 29.0 23.4 35.0



#20
3+4-Methylphenols
Concen: 10.02 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion: 107 Resp: 39715
Ion Ratio Lower Upper
107 100
108 88.8 64.1 104.1
77 42.8 128.9 168.9#
79 29.4 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:136 Resp: 226328

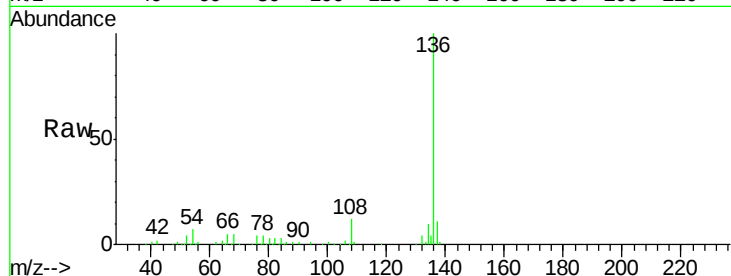
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.8 5.8 8.8

68 5.2 4.2 6.2

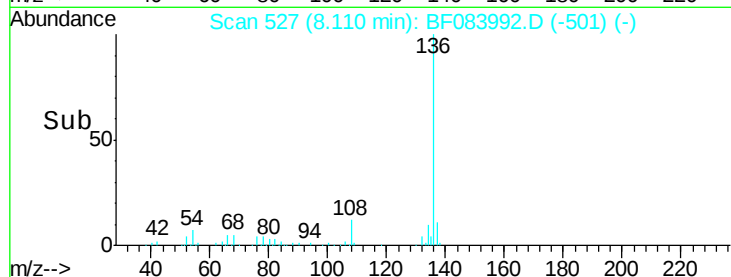


Abundance Ion 136.00 (135.70 to 136.70): E

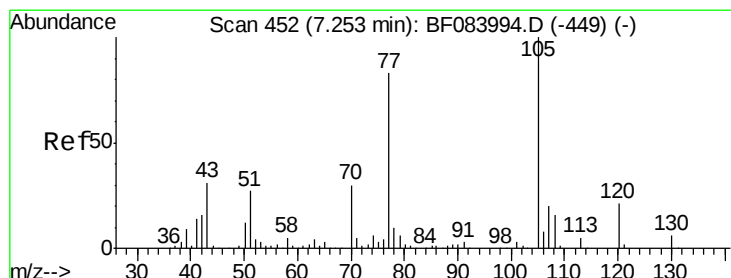
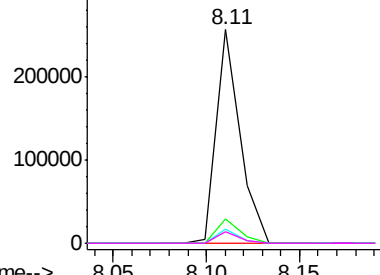
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 9.53 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Tgt Ion:105 Resp: 52562

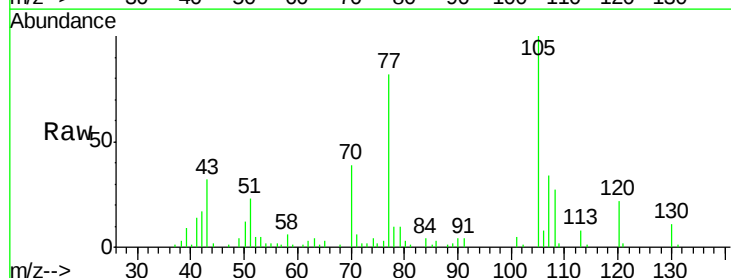
Ion Ratio Lower Upper

105 100

71 6.3 3.7 5.5#

51 23.5 25.1 37.7#

120 22.2 16.6 25.0

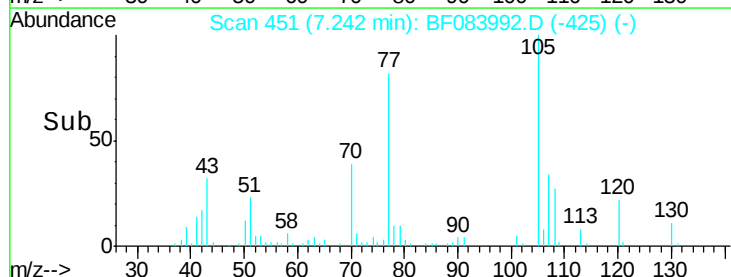


Abundance Ion 105.00 (104.70 to 105.70): E

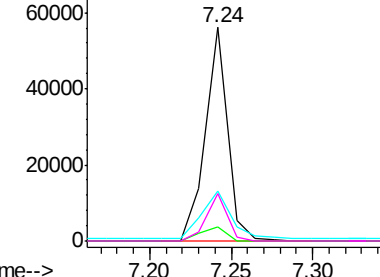
Ion 71.00 (70.70 to 71.70): BF0

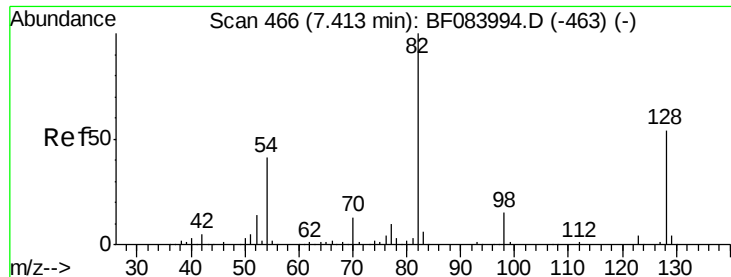
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

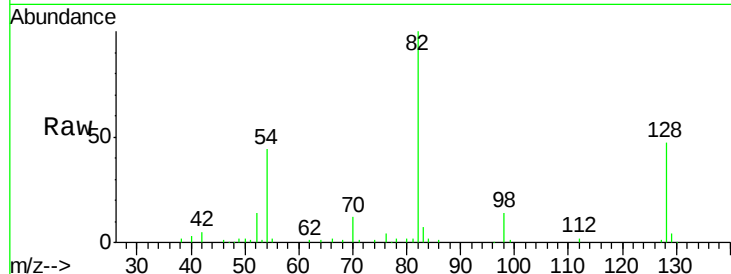




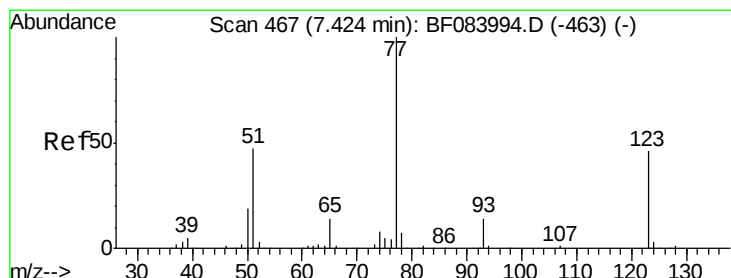
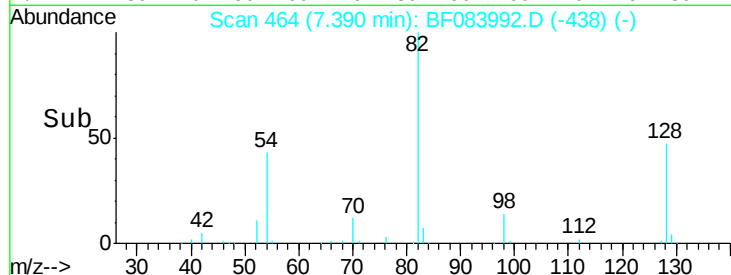
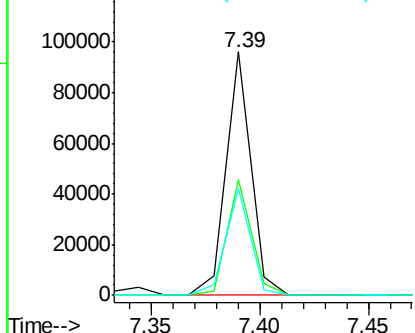
#23
Nitrobenzene-d5
Concen: 10.37 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	82	Resp	76352
Ion Ratio	Lower	Upper	
82	100		
128	47.3	34.6	51.8
54	43.9	38.4	57.6

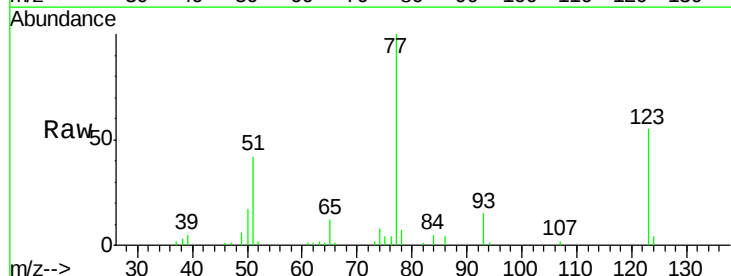


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

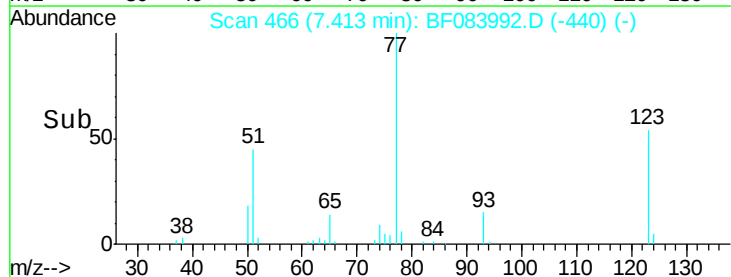
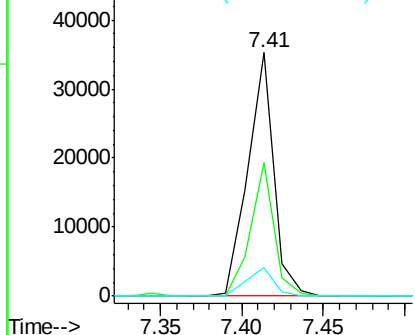


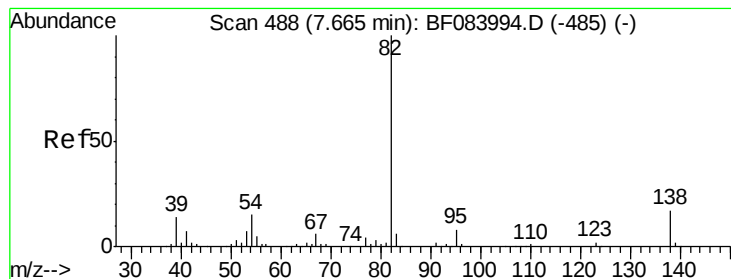
#24
Nitrobenzene
Concen: 10.06 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion	77	Resp	38791
Ion Ratio	Lower	Upper	
77	100		
123	54.7	37.4	56.2
65	12.0	10.9	16.3



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: 9.45 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

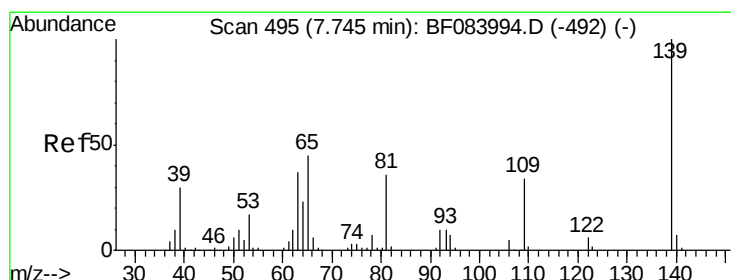
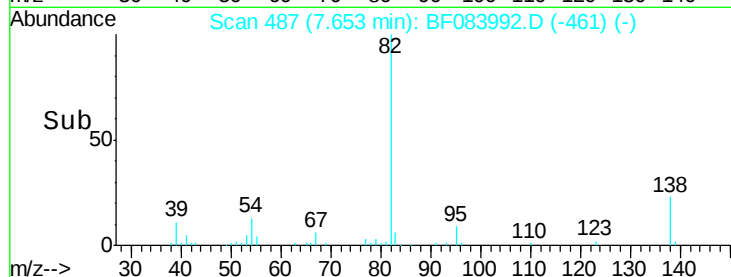
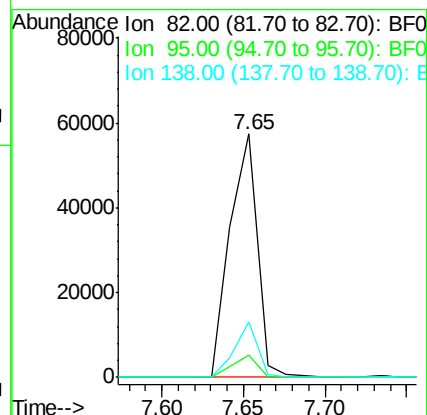
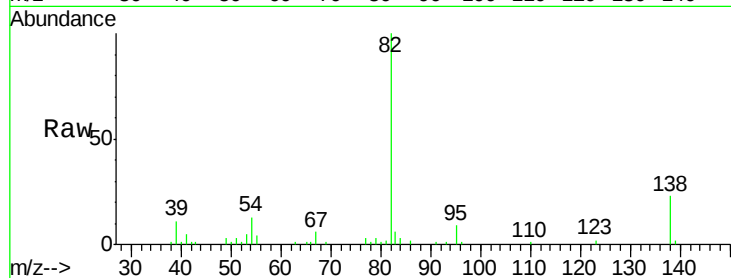
Tot Ion: 82 Resp: 66225

Ion Ratio Lower Upper

82 100

95 9.3 6.6 10.0

138 23.0 13.6 20.4#



#26

2-Nitrophenol

Concen: 10.06 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

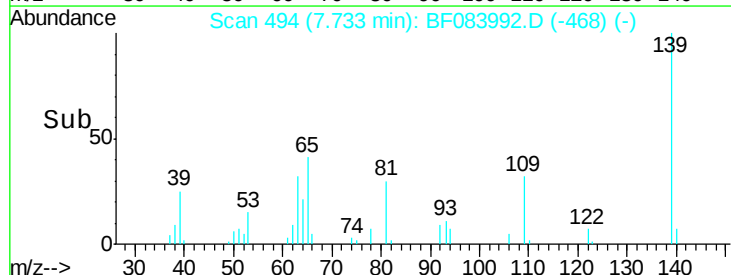
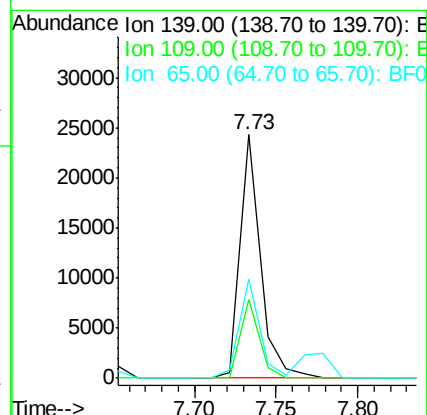
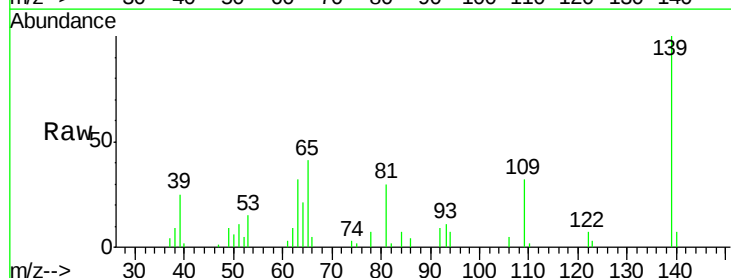
Tgt Ion: 139 Resp: 20832

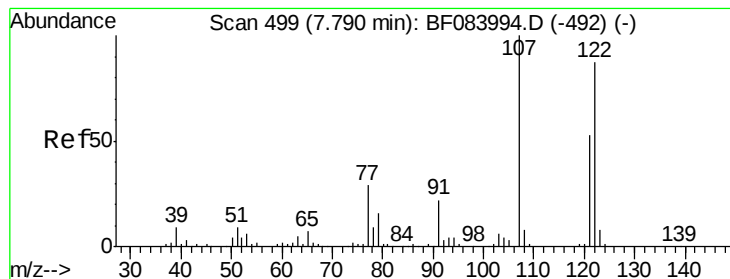
Ion Ratio Lower Upper

139 100

109 32.1 25.4 38.2

65 40.6 32.3 48.5





#27

2,4-Dimethylphenol

Concen: 9.25 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

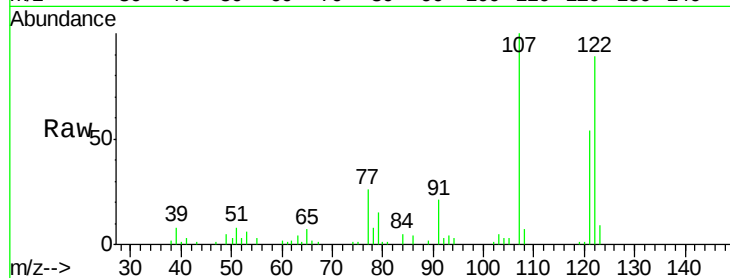
Tot Ion:122 Resp: 34410

Ion Ratio Lower Upper

122 100

107 112.0 99.1 148.7

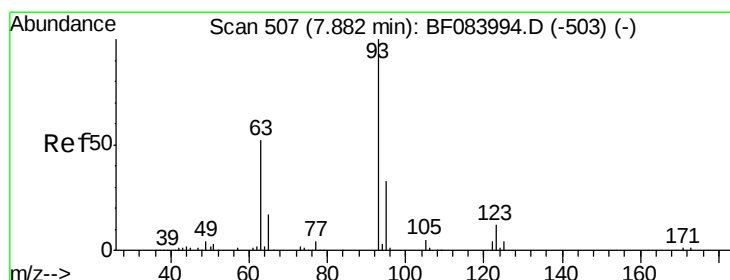
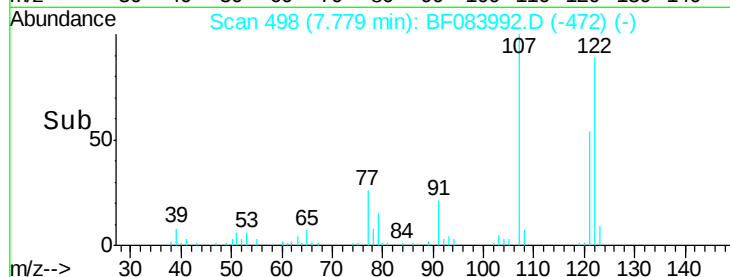
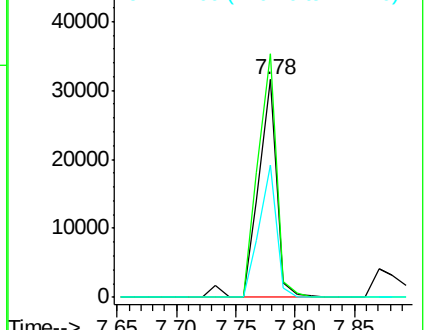
121 61.0 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 9.45 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

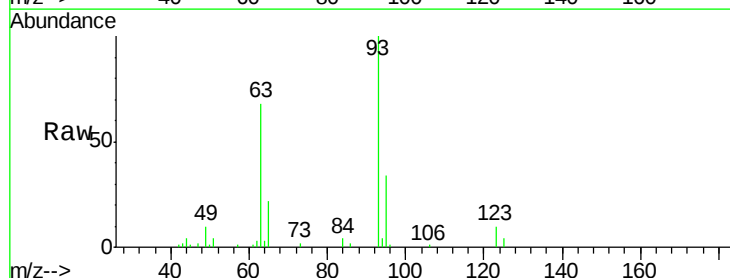
Tgt Ion: 93 Resp: 41408

Ion Ratio Lower Upper

93 100

95 33.5 25.8 38.6

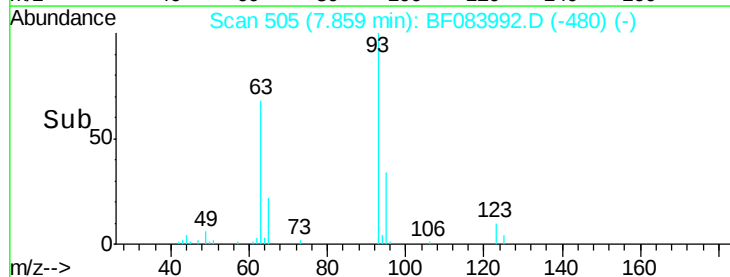
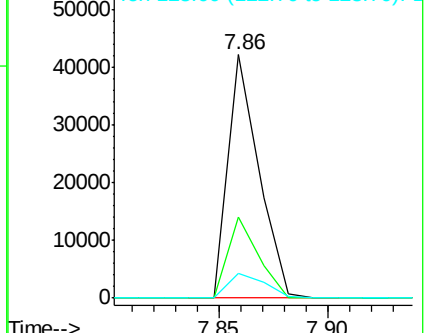
123 10.1 8.6 12.8

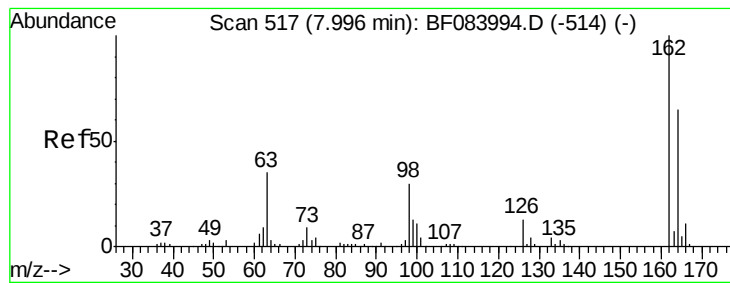


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 9.29 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

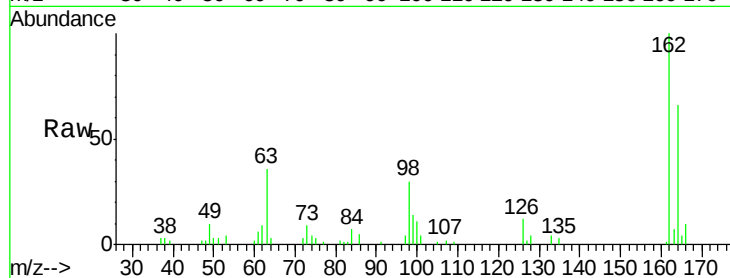
Tot Ion:162 Resp: 29824

Ion Ratio Lower Upper

162 100

164 65.5 44.1 84.1

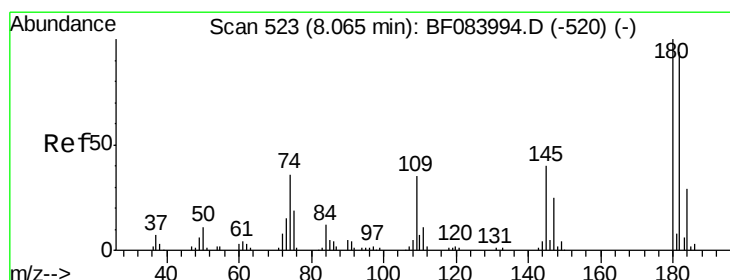
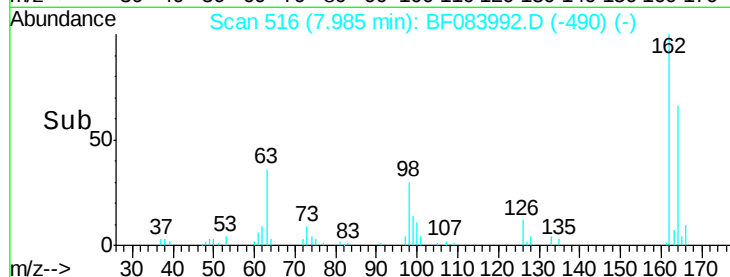
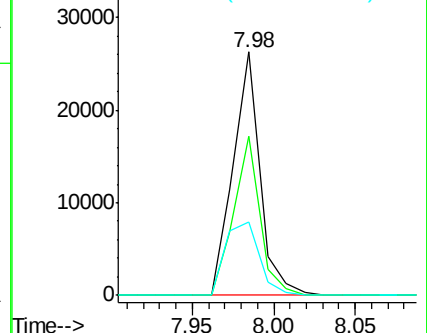
98 30.1 20.2 60.2



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: 9.81 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

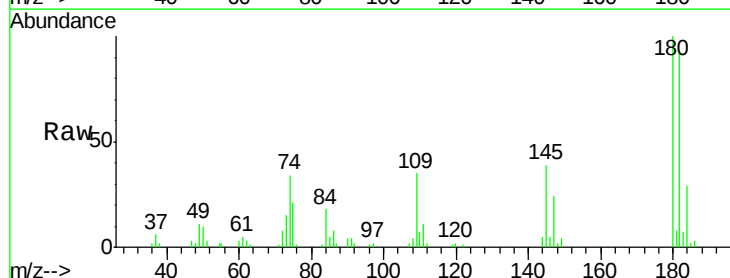
Tgt Ion:180 Resp: 32768

Ion Ratio Lower Upper

180 100

182 93.3 76.4 114.6

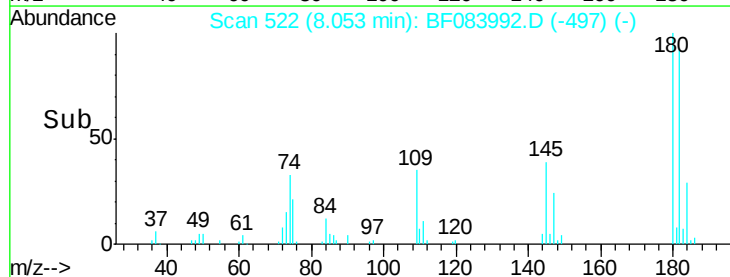
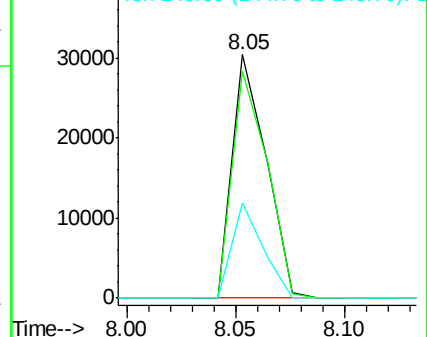
145 38.9 31.6 47.4

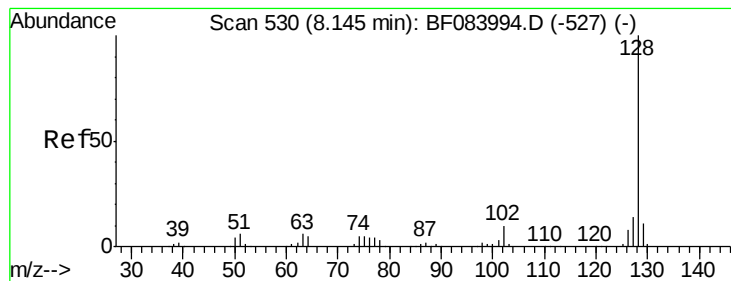


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 9.98 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

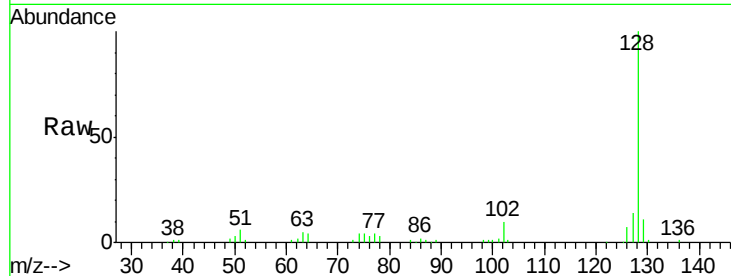
Tot Ion:128 Resp: 120196

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

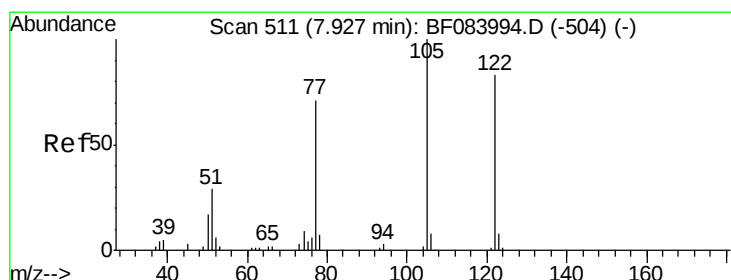
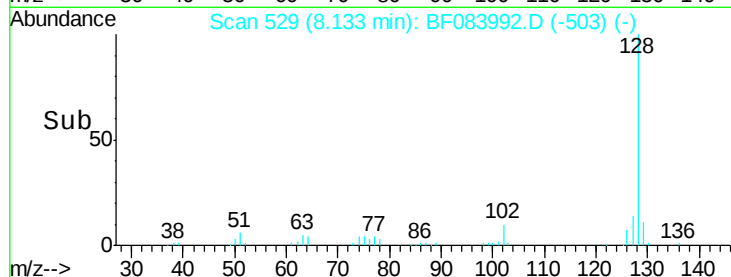
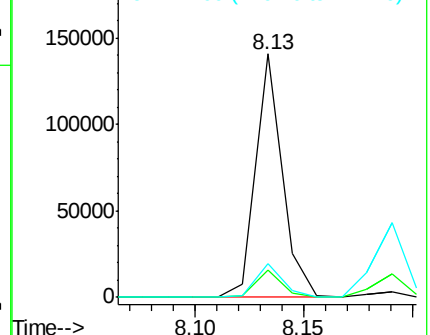
127 13.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.85 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.03 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

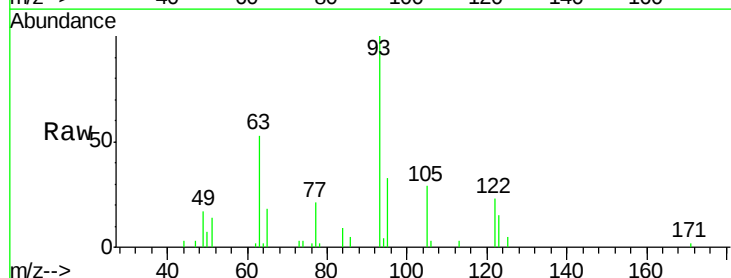
Tgt Ion:122 Resp: 9954

Ion Ratio Lower Upper

122 100

105 124.7 100.3 140.3

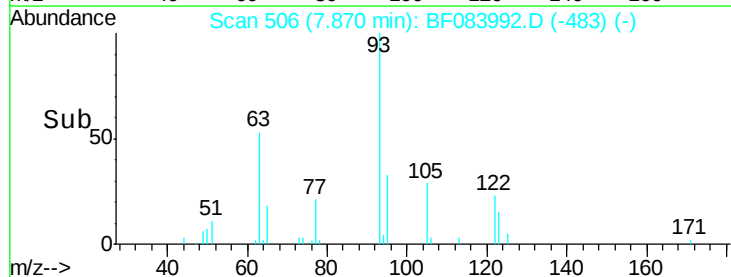
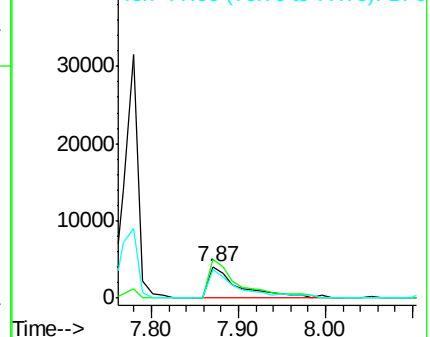
77 90.1 63.5 103.5

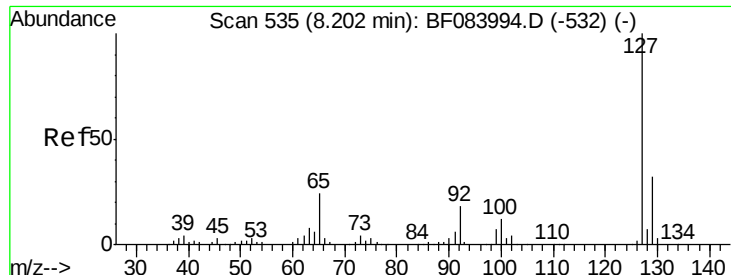


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

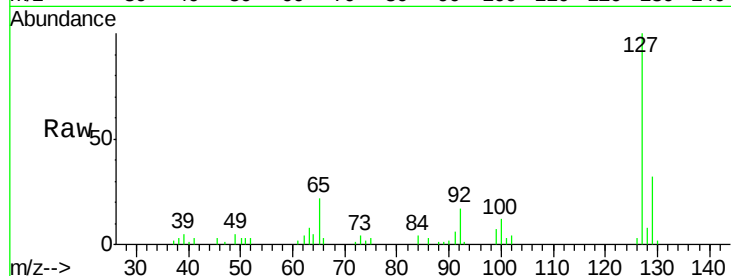




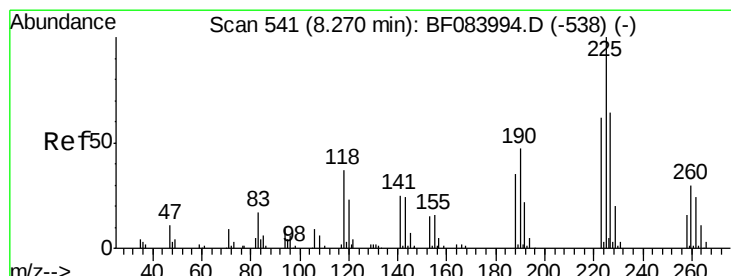
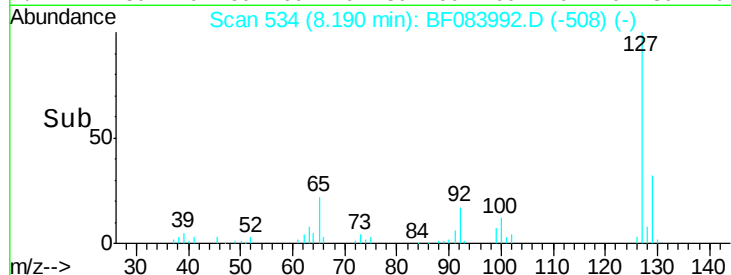
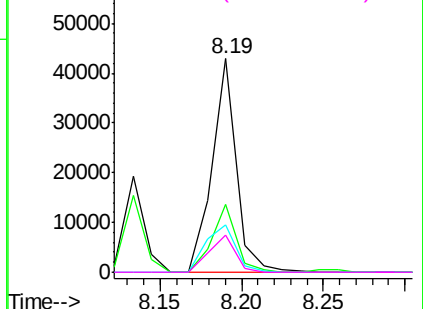
#33
4-Chloroaniline
Concen: 9.12 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:127 Resp: 44410
Ion Ratio Lower Upper
127 100
129 31.9 26.5 39.7
65 22.2 27.2 40.8#
92 17.5 17.7 26.5#

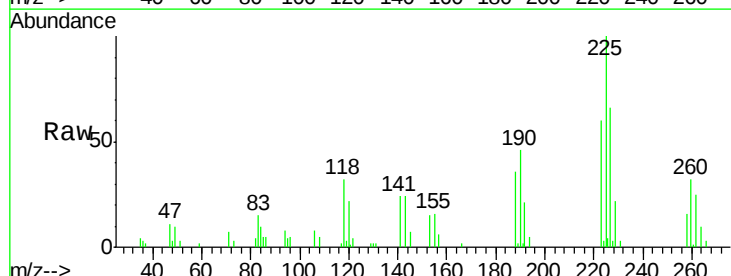


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

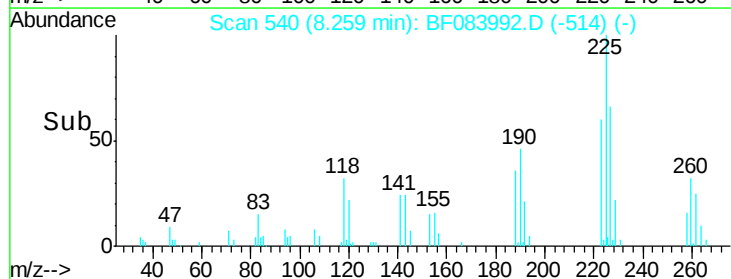
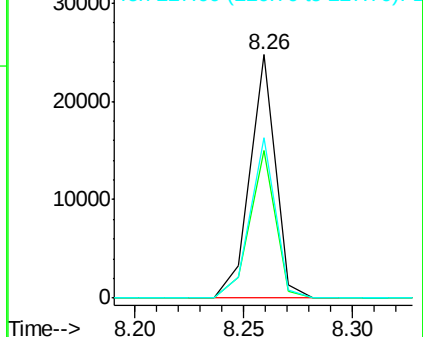


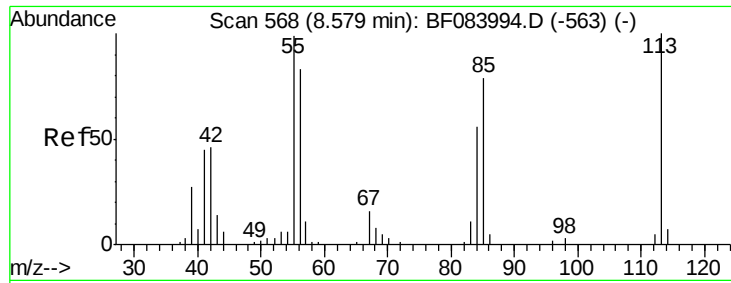
#34
Hexachlorobutadiene
Concen: 9.71 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion:225 Resp: 20113
Ion Ratio Lower Upper
225 100
223 60.5 49.4 74.0
227 65.7 50.8 76.2



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





#35

Caprolactam

Concen: 8.51 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.03 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

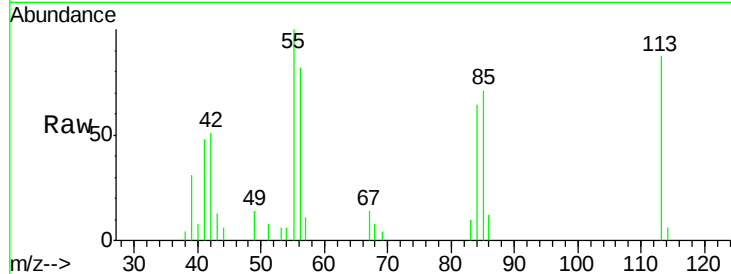
Tot Ion:113 Resp: 7925

Ion Ratio Lower Upper

113 100

55 114.8 116.9 156.9#

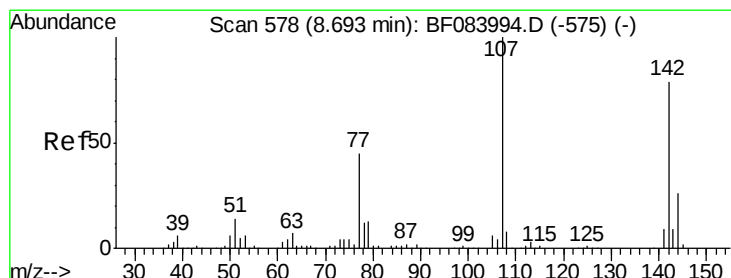
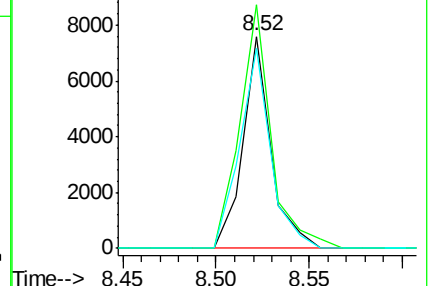
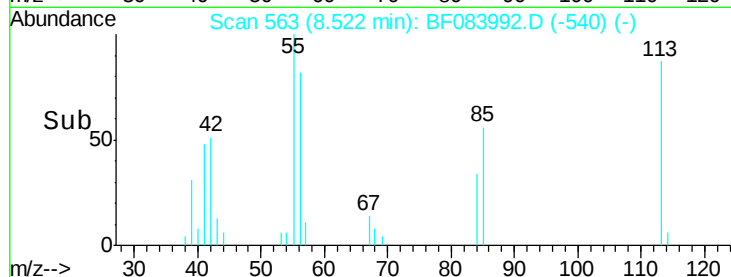
56 94.3 93.8 133.8



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: 8.62 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

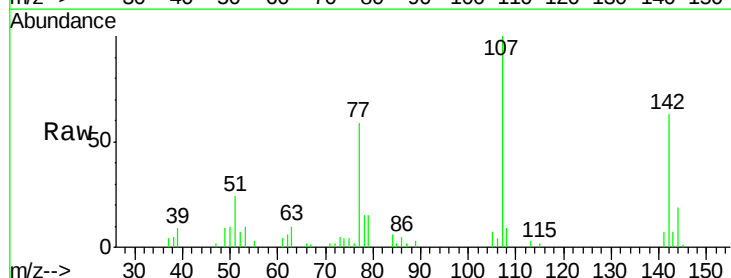
Tgt Ion:107 Resp: 28280

Ion Ratio Lower Upper

107 100

144 19.3 19.7 29.5#

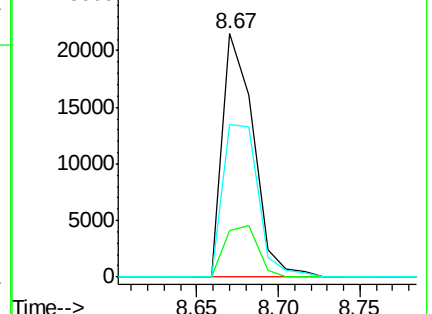
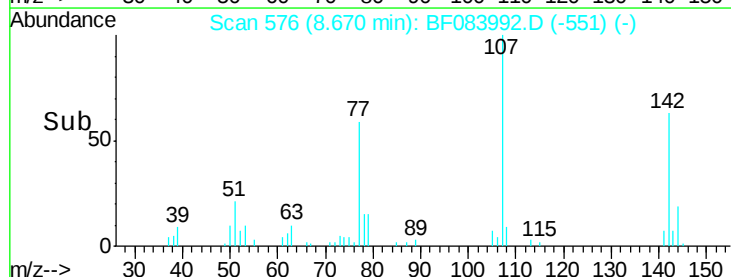
142 62.6 61.8 92.6

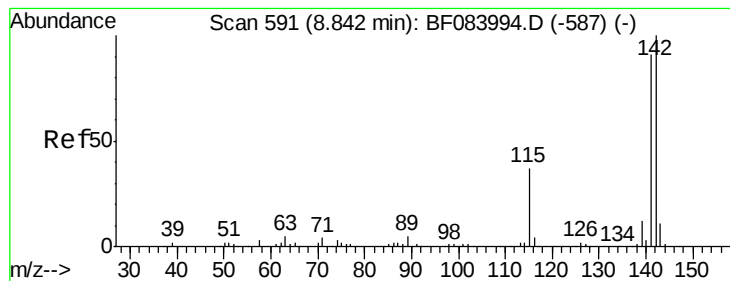


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 8.26 ng

RT: 8.83 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

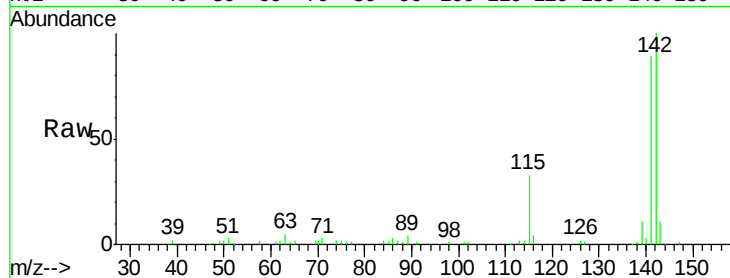
Tot Ion:142 Resp: 63940

Ion Ratio Lower Upper

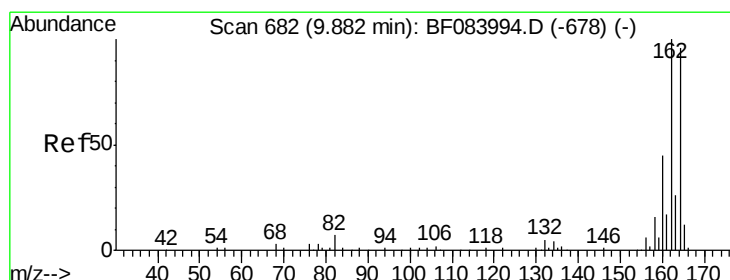
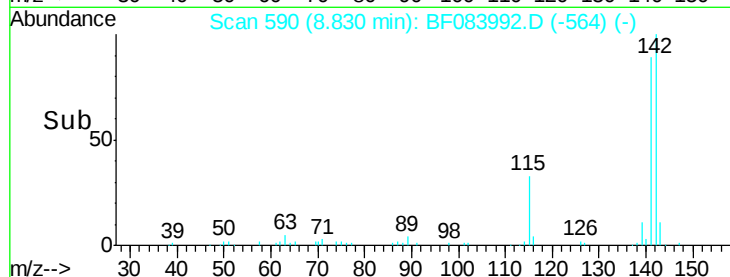
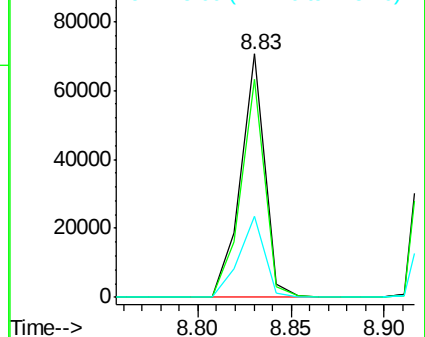
142 100

141 89.4 72.4 108.6

115 33.5 27.9 41.9



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: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

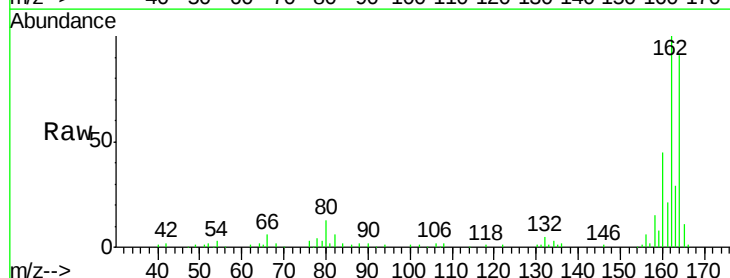
Tgt Ion:164 Resp: 90243

Ion Ratio Lower Upper

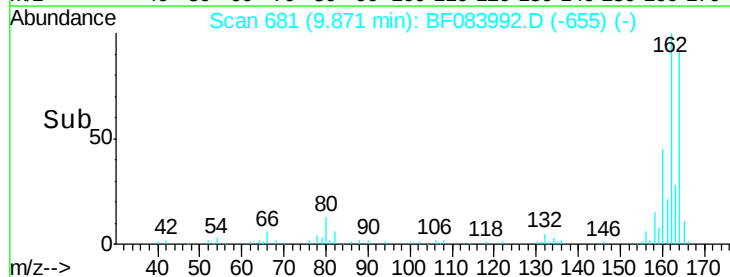
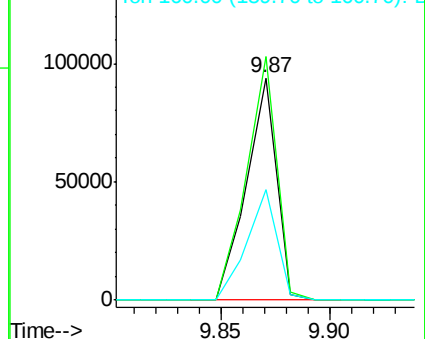
164 100

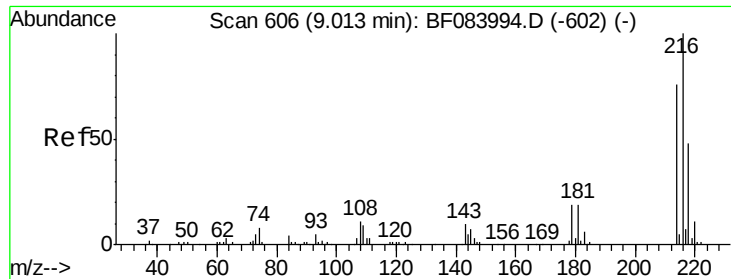
162 109.5 85.1 127.7

160 49.7 37.5 56.3



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

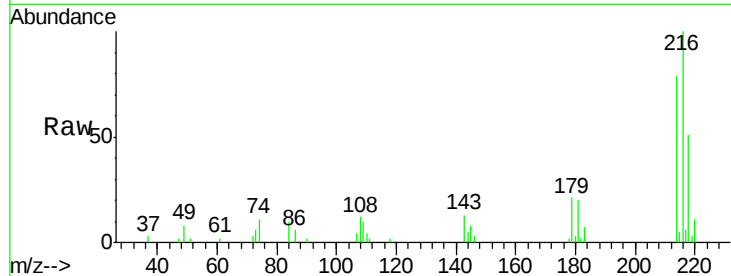




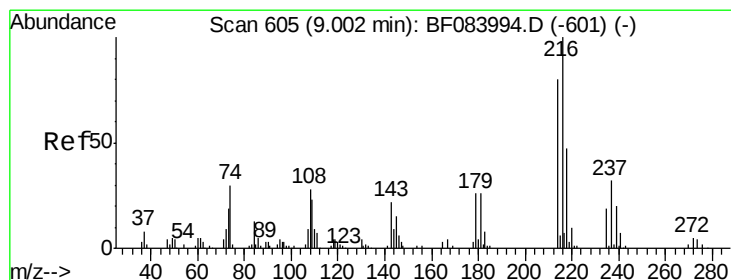
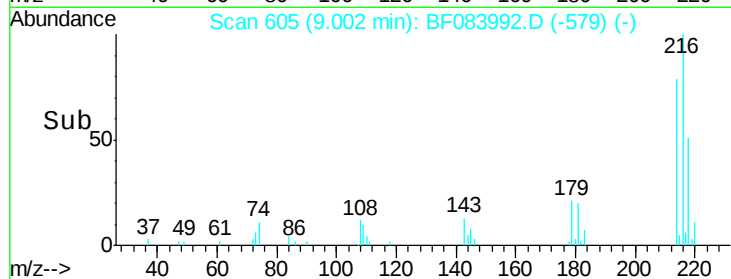
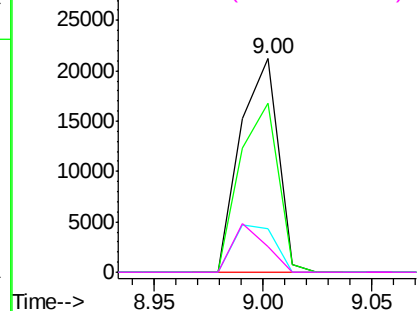
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.41 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC010

Tot Ion:216	Resp:	25530
Ion Ratio	Lower	Upper
216	100	
214	80.1	64.2 96.2
179	24.4	18.7 28.1
108	20.1	16.8 25.2

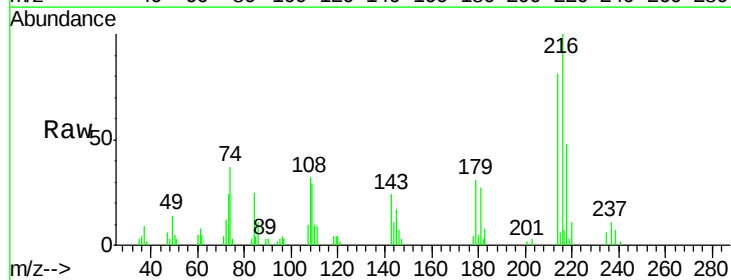


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

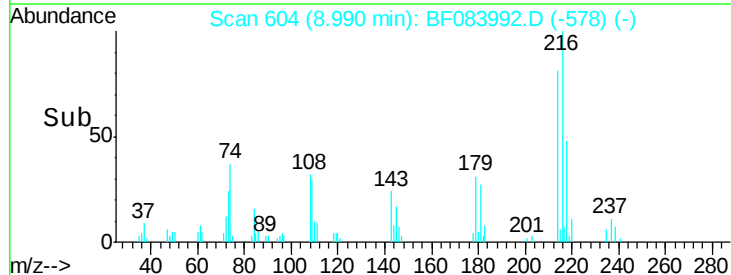
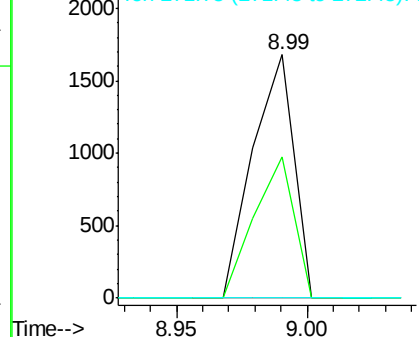


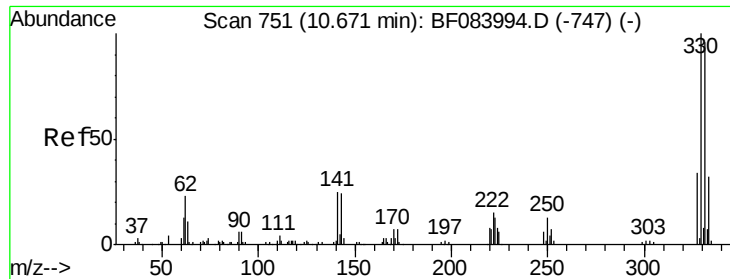
#40
 Hexachlorocyclopentadiene
 Concen: 4.18 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Tgt Ion:237	Resp:	1864
Ion Ratio	Lower	Upper
237	100	
235	57.8	43.1 83.1
272	0.0	0.0 35.1



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





#41

2,4,6-Tribromophenol

Concen: 10.10 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

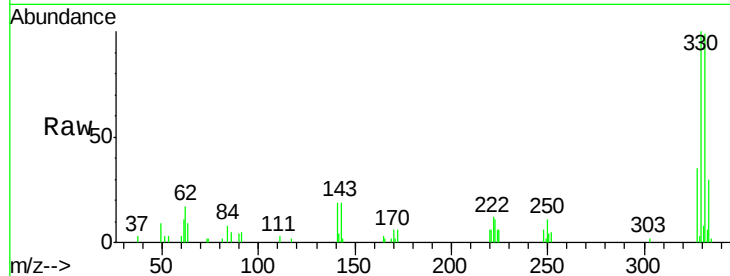
Tot Ion:330 Resp: 16885

Ion Ratio Lower Upper

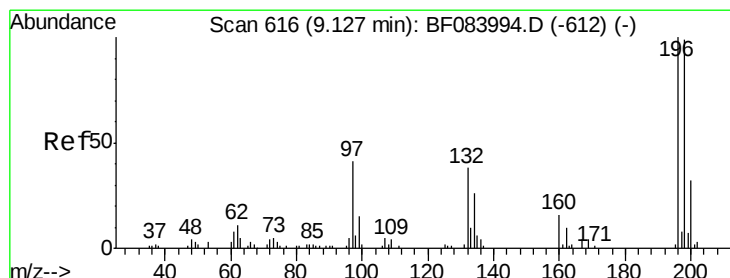
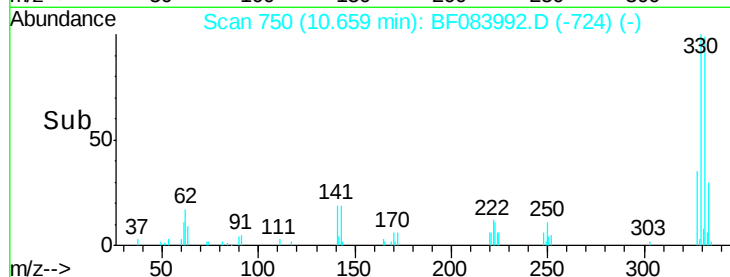
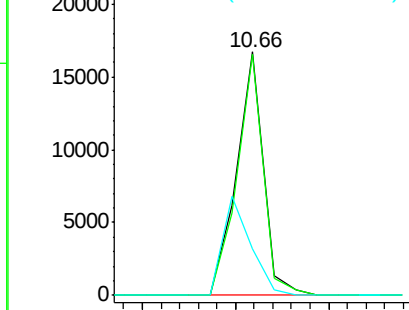
330 100

332 96.9 76.6 114.8

141 42.0 27.8 41.6#



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: 8.96 ng

RT: 9.12 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

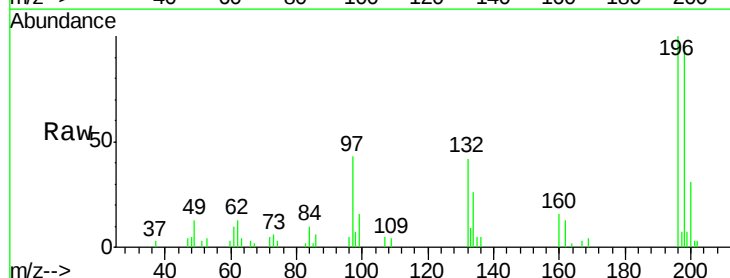
Tgt Ion:196 Resp: 14774

Ion Ratio Lower Upper

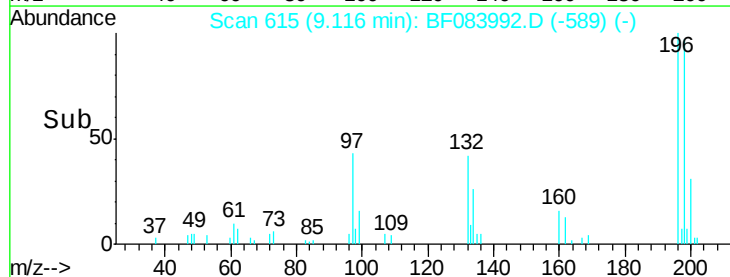
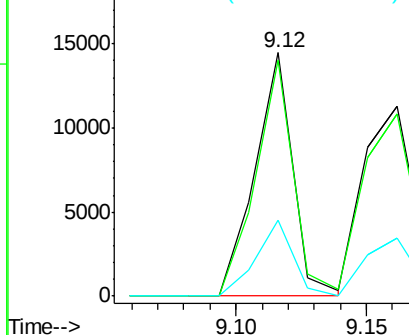
196 100

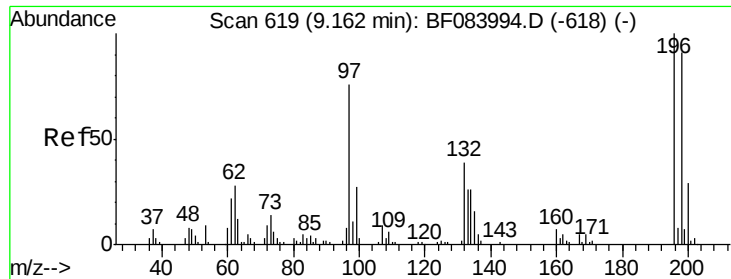
198 96.8 77.7 116.5

200 31.4 24.6 37.0



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

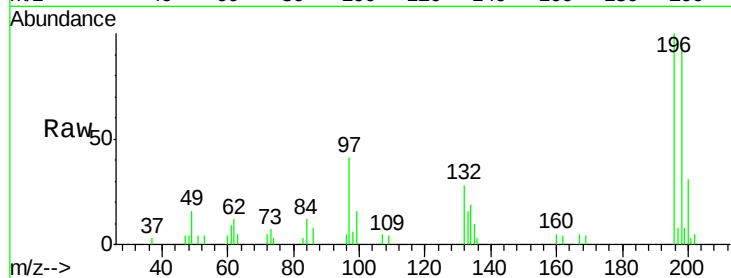




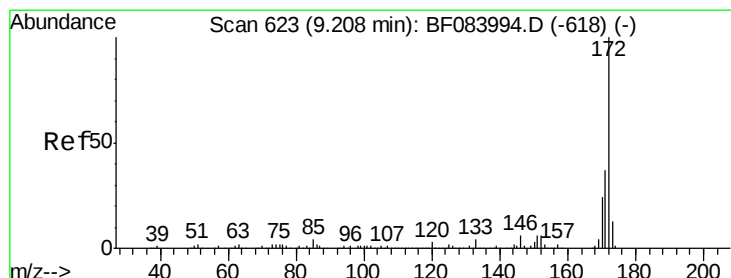
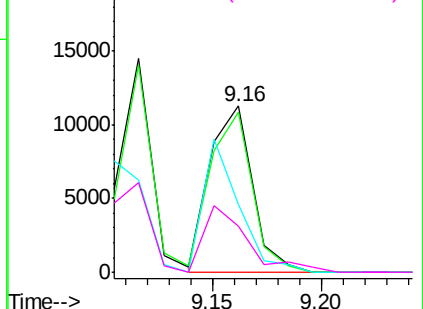
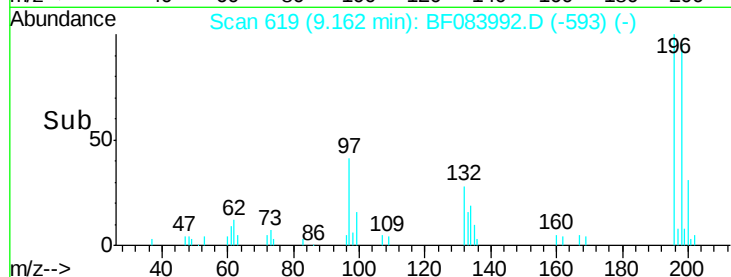
#43
 2,4,5-Trichlorophenol
 Concen: 8.95 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:196 Resp: 15379
 Ion Ratio Lower Upper
 196 100
 198 96.0 79.0 118.6
 97 40.5 33.0 49.6
 132 27.9 21.1 31.7

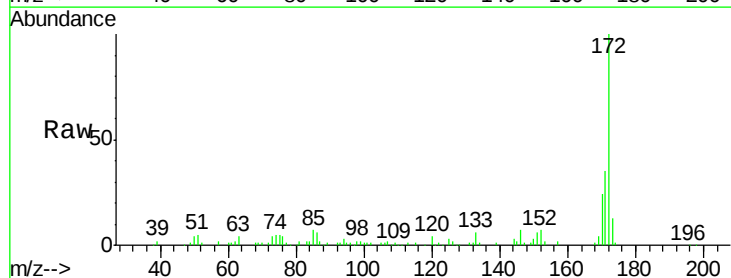


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

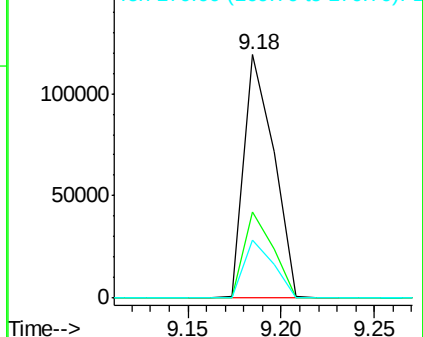
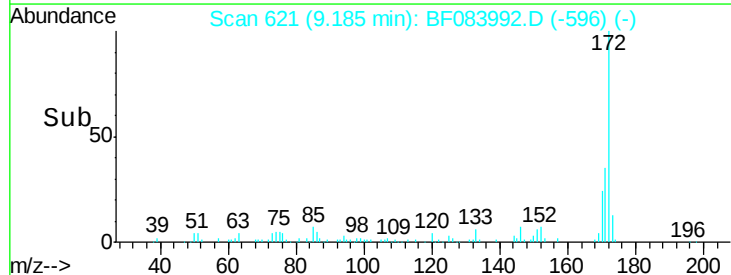


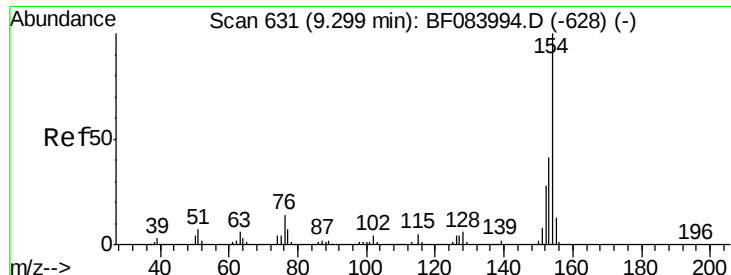
#44
 2-Fluorobiphenyl
 Concen: 9.33 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Tgt Ion:172 Resp: 132020
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 24.0 18.6 27.8



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

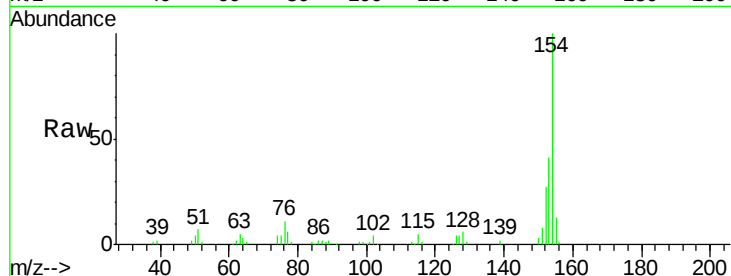




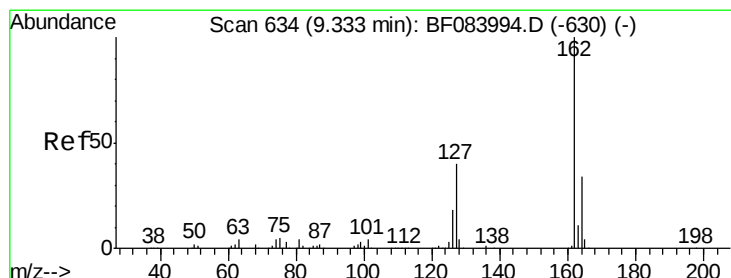
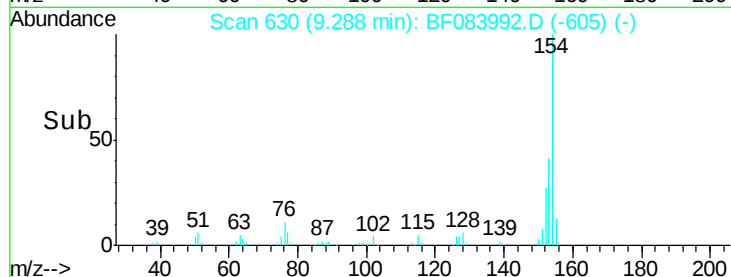
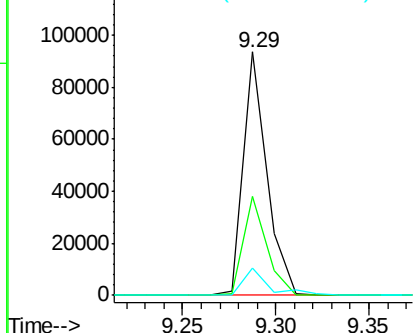
#45
 1,1'-Biphenyl
 Concen: 9.75 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC010

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.6	61.6
76	11.2	0.0	32.7

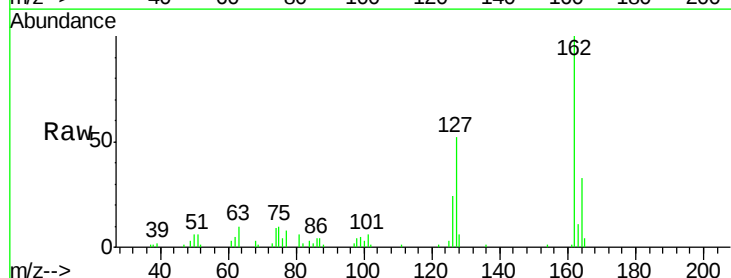


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

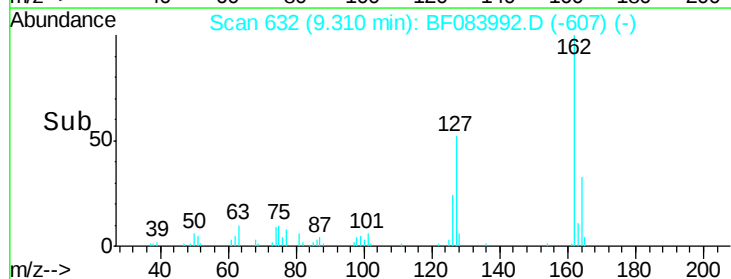
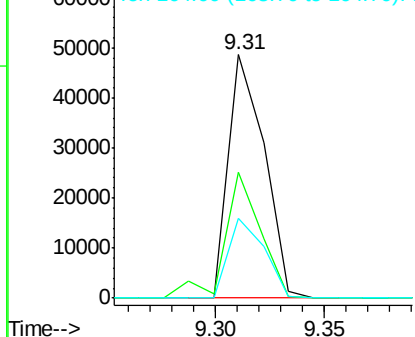


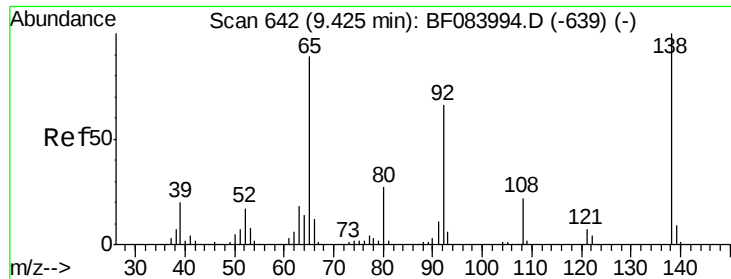
#46
 2-Chloronaphthalene
 Concen: 9.13 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	51.6	40.2	60.4
164	32.5	25.7	38.5



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

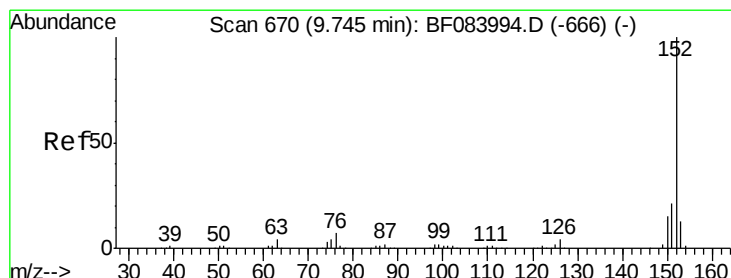
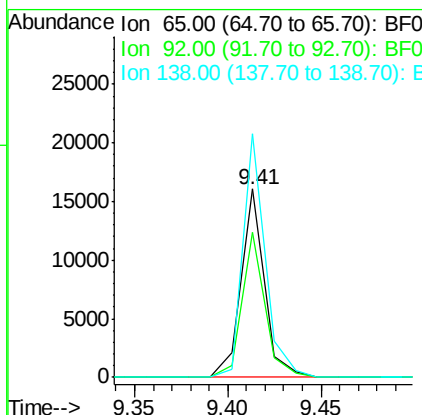
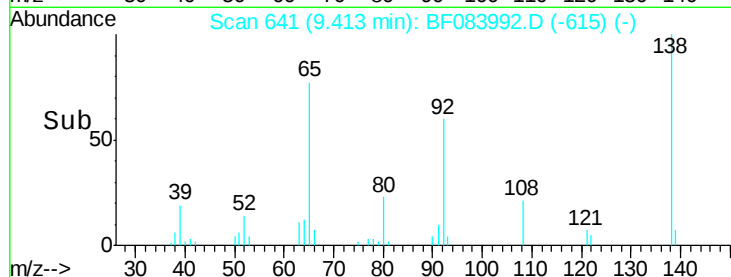
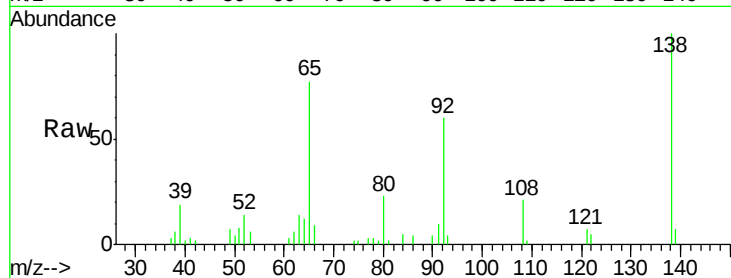




#47
2-Nitroaniline
Concen: 8.73 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

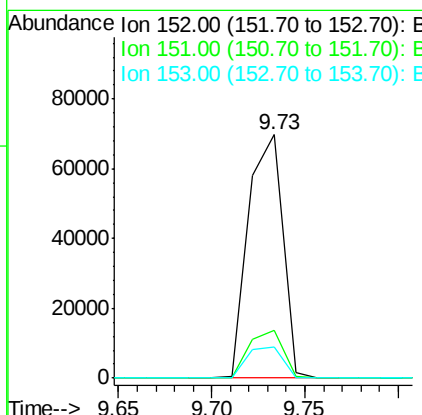
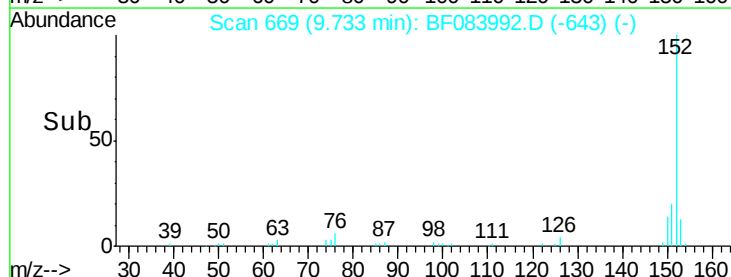
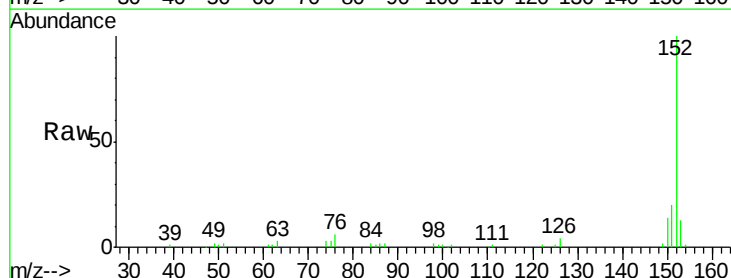
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

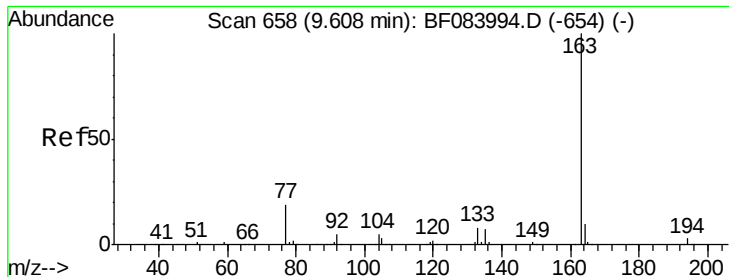
Tot Ion: 65 Resp: 14019
Ion Ratio Lower Upper
65 100
92 77.2 53.4 80.2
138 129.5 71.1 106.7#



#48
Acenaphthylene
Concen: 9.53 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion: 152 Resp: 89229
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 12.9 10.4 15.6

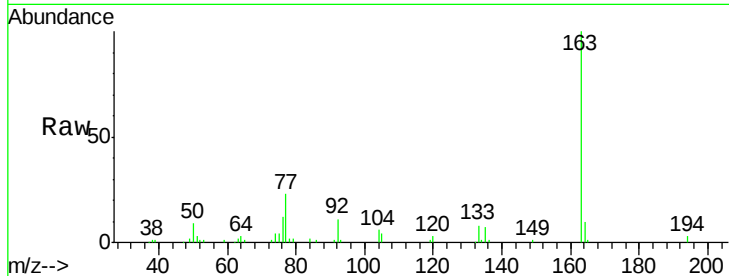




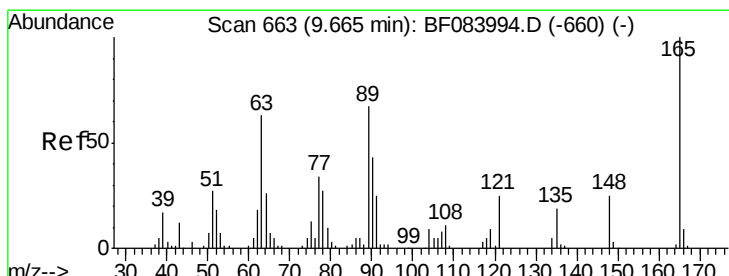
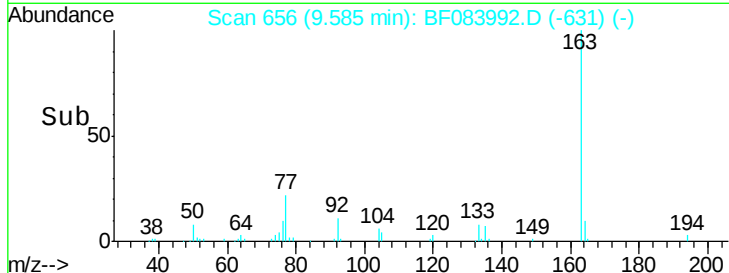
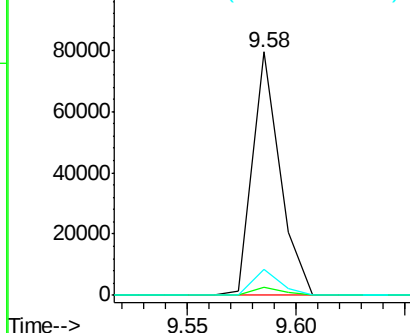
#49
Dimethylphthalate
Concen: 9.32 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:163 Resp: 69630
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.5 8.0 12.0

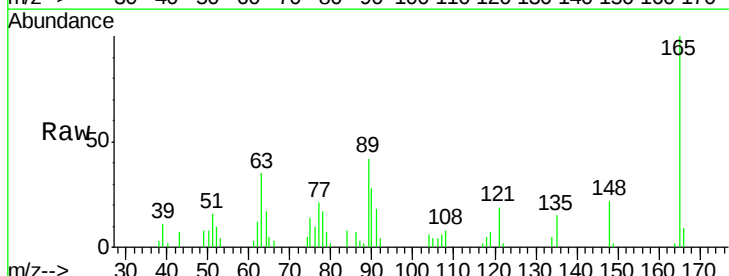


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

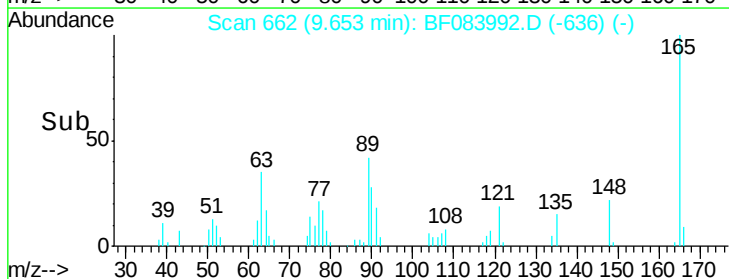
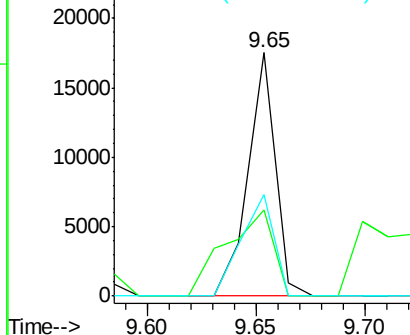


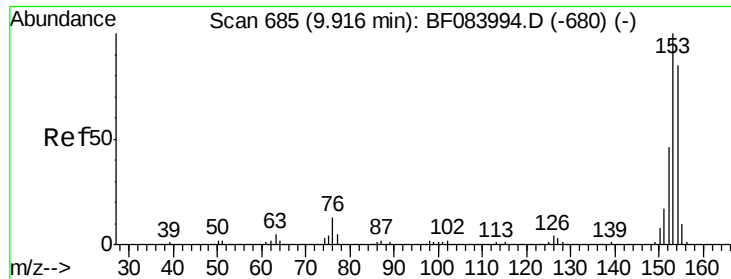
#50
2,6-Dinitrotoluene
Concen: 9.80 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion:165 Resp: 15236
Ion Ratio Lower Upper
165 100
63 35.2 28.8 43.2
89 41.8 35.1 52.7



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





#51

Acenaphthene

Concen: 9.76 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

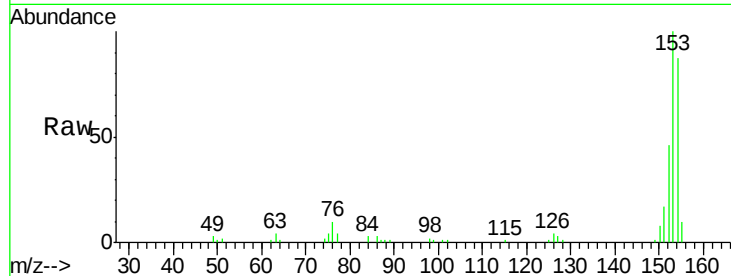
Tot Ion:154 Resp: 53910

Ion Ratio Lower Upper

154 100

153 114.3 91.5 137.3

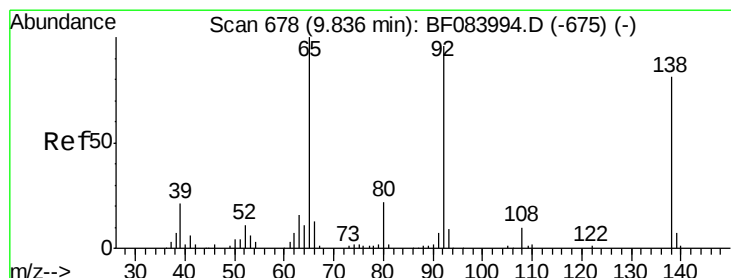
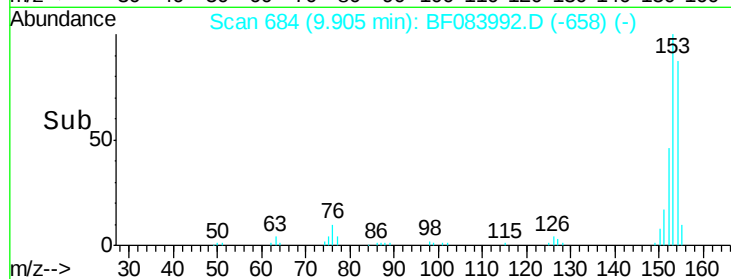
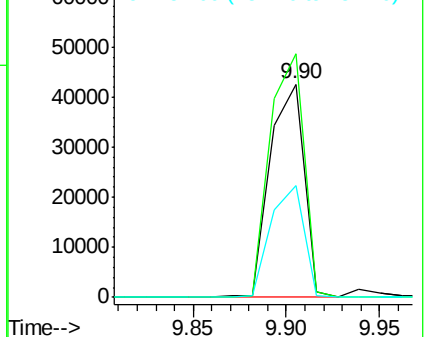
152 52.6 43.0 64.6



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: 9.53 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

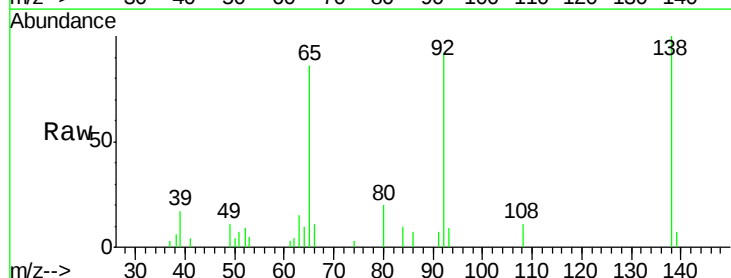
Tgt Ion:138 Resp: 15014

Ion Ratio Lower Upper

138 100

108 11.0 10.5 15.7

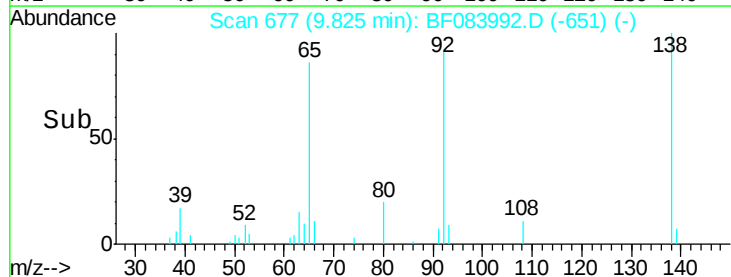
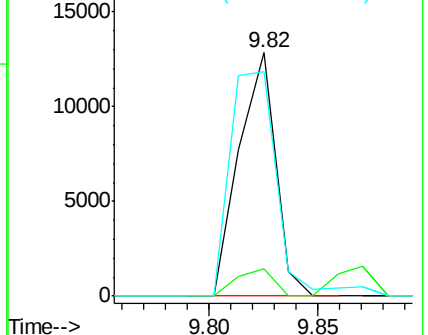
92 92.2 103.9 155.9#

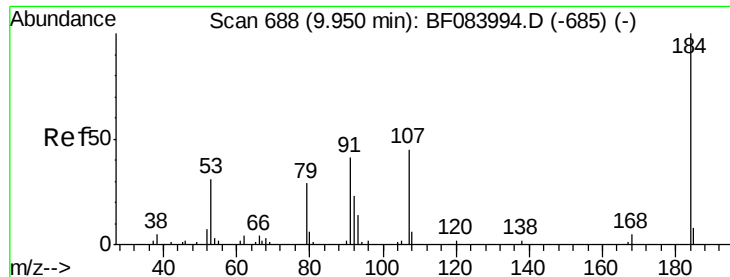


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

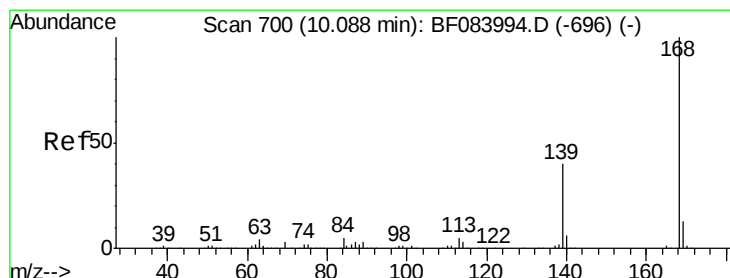
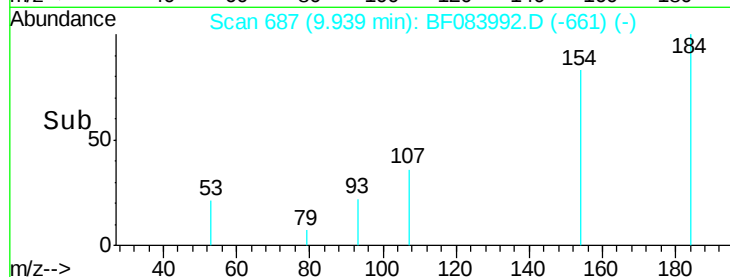
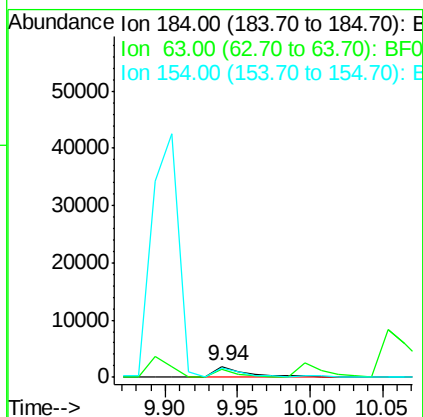
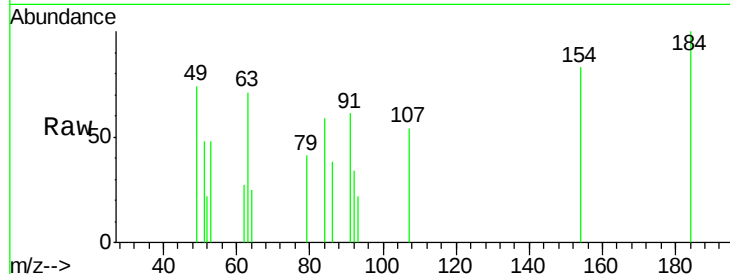




#53
2,4-Dinitrophenol
Concen: 7.29 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

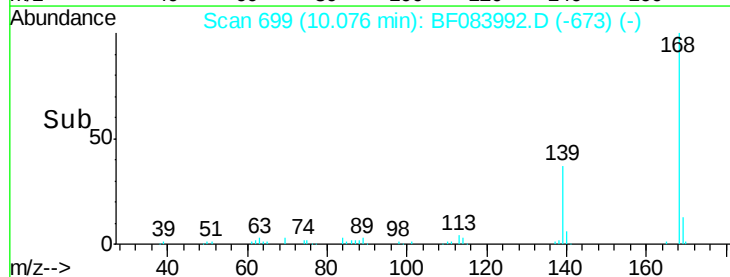
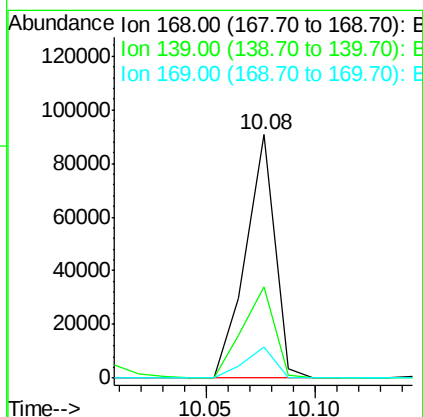
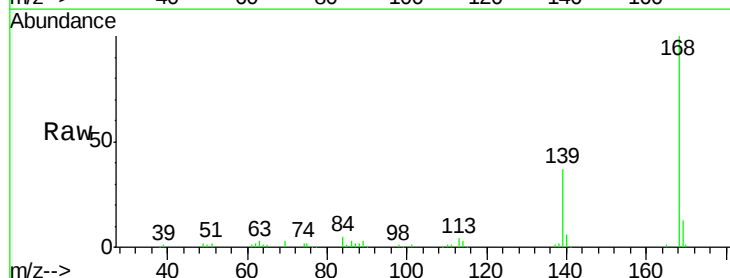
Instrument :
BNA_F
ClientSampled :
SSTDIC010

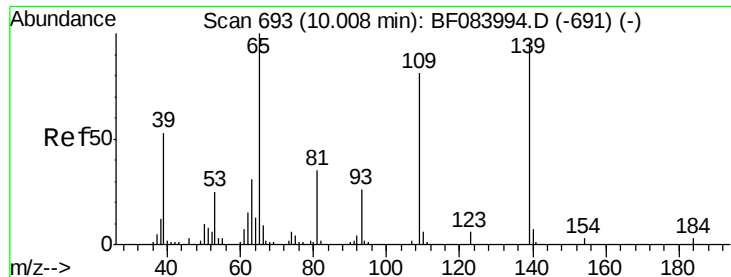
Tot Ion:184 Resp: 3153
Ion Ratio Lower Upper
184 100
63 71.5 43.1 64.7#
154 83.5 60.5 90.7



#54
Dibenzofuran
Concen: 9.83 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion:168 Resp: 85212
Ion Ratio Lower Upper
168 100
139 37.4 30.5 45.7
169 12.9 10.4 15.6

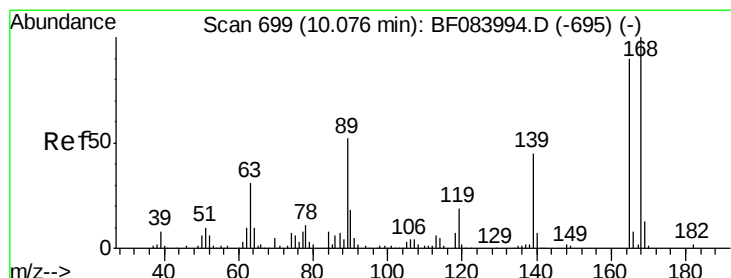
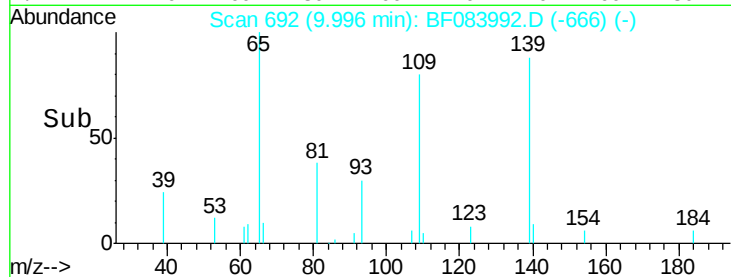
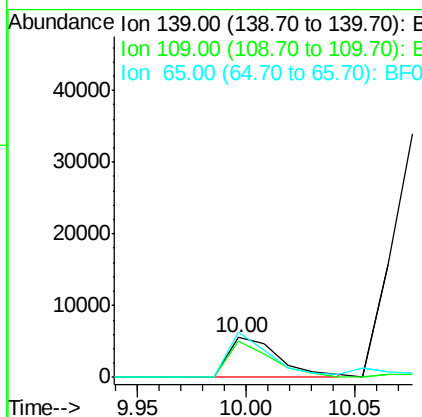
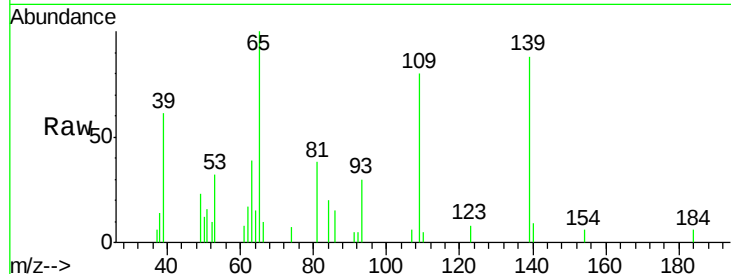




#55
4-Nitrophenol
Concen: 10.07 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

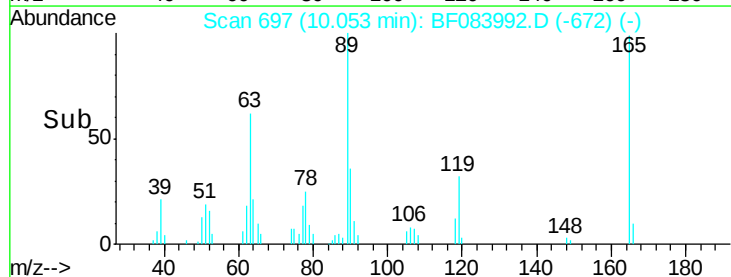
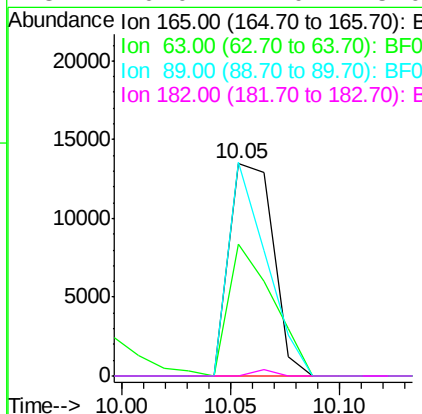
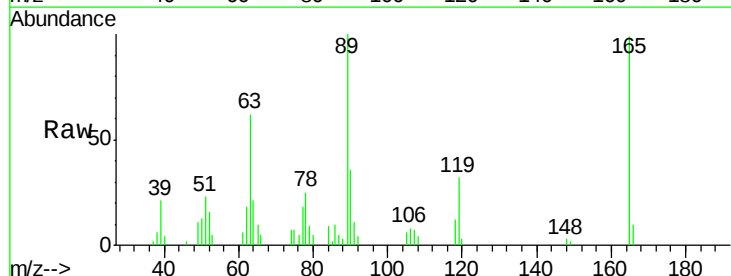
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

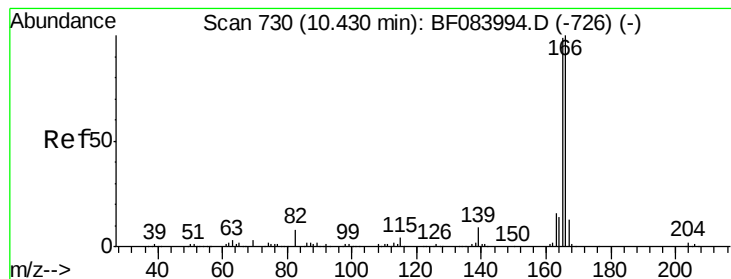
Tot Ion:139 Resp: 8838
Ion Ratio Lower Upper
139 100
109 91.8 58.5 98.5
65 114.0 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 10.15 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion:165 Resp: 18946
Ion Ratio Lower Upper
165 100
63 62.3 36.7 55.1#
89 100.6 61.9 92.9#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: 9.71 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

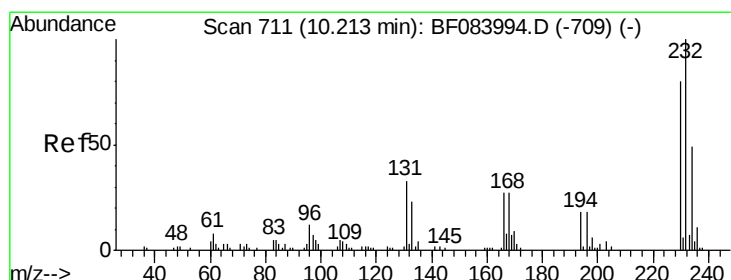
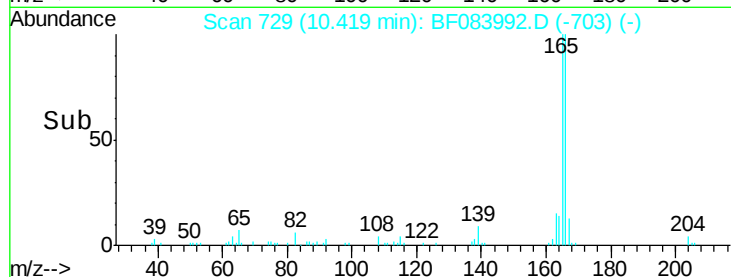
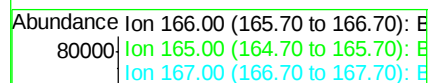
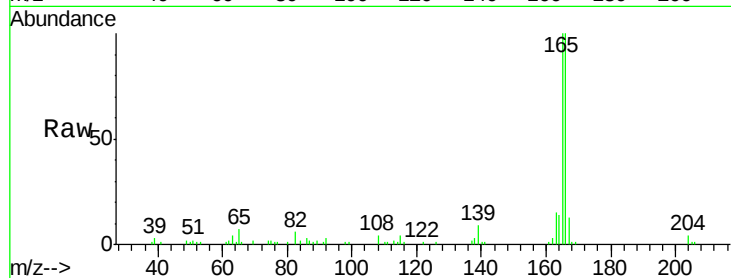
Tot Ion:166 Resp: 65956

Ion Ratio Lower Upper

166 100

165 100.4 79.1 118.7

167 13.0 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.25 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Tgt Ion:232 Resp: 11710

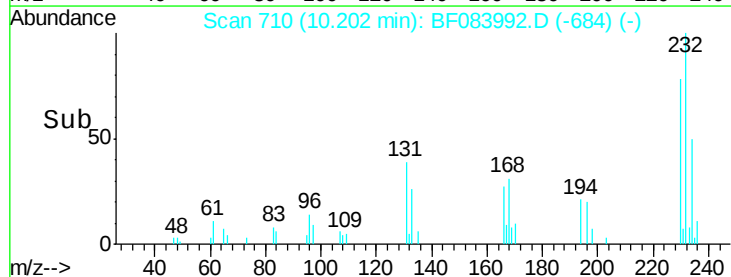
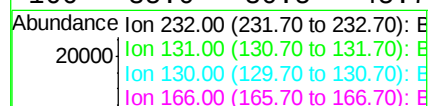
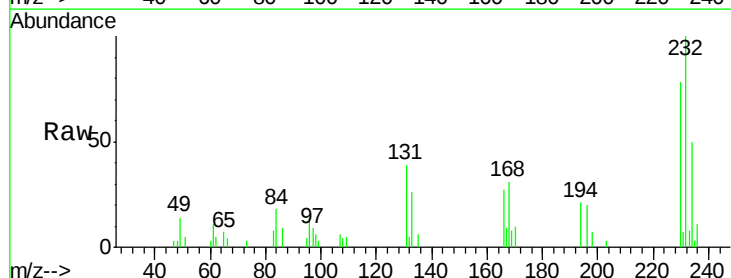
Ion Ratio Lower Upper

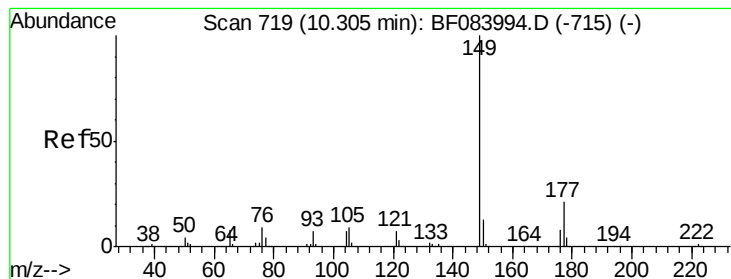
232 100

131 54.8 47.0 70.6

130 0.0 2.0 3.0#

166 35.0 30.5 45.7





#59

Diethylphthalate

Concen: 9.83 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

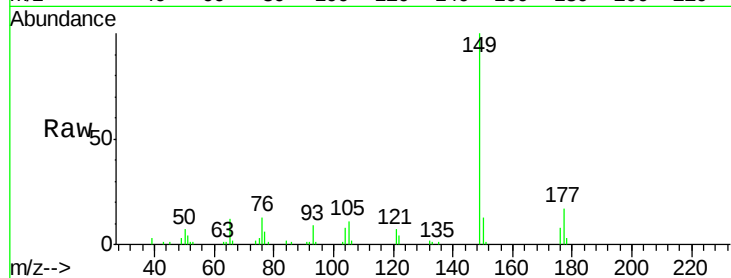
Tot Ion:149 Resp: 69907

Ion Ratio Lower Upper

149 100

177 17.0 17.3 25.9#

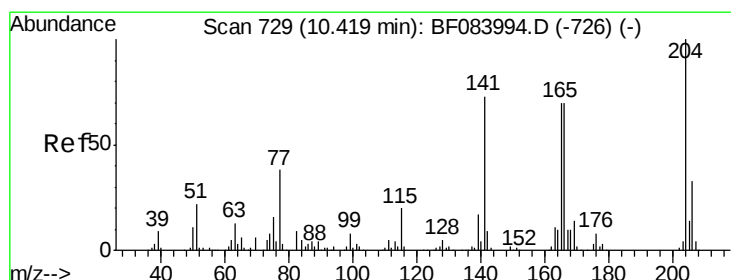
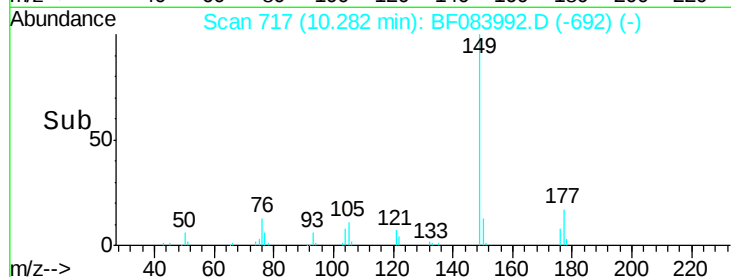
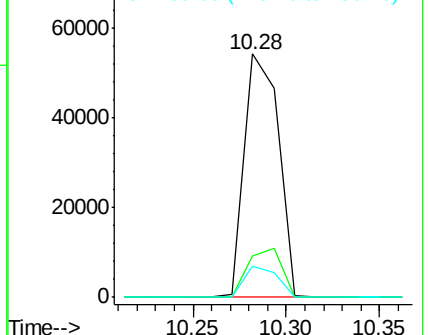
150 13.0 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 10.21 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

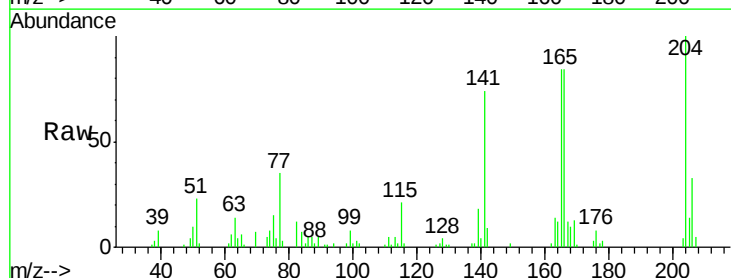
Tgt Ion:204 Resp: 32291

Ion Ratio Lower Upper

204 100

206 33.3 25.7 38.5

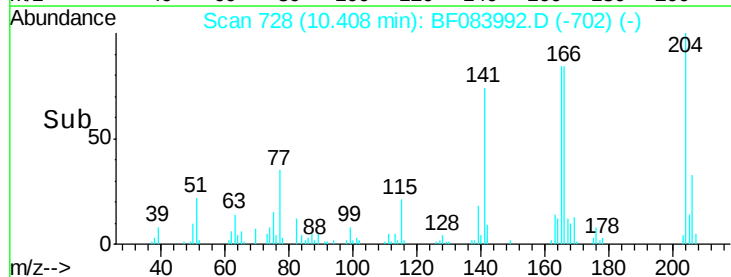
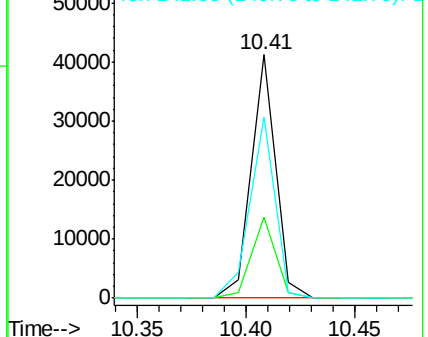
141 74.3 55.1 82.7

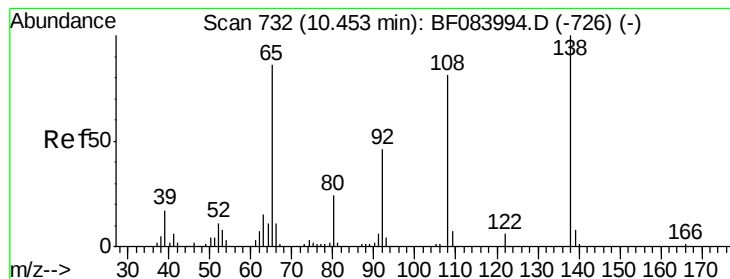


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 9.75 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

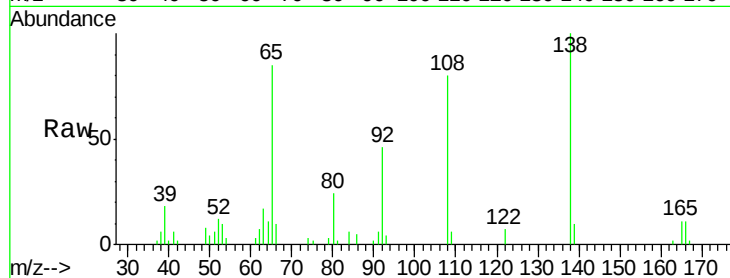
Tot Ion:138 Resp: 15604

Ion Ratio Lower Upper

138 100

92 46.1 32.6 72.6

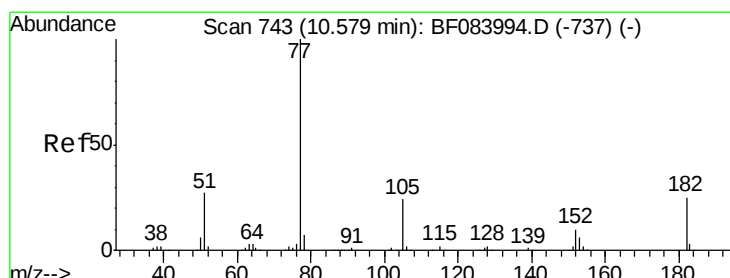
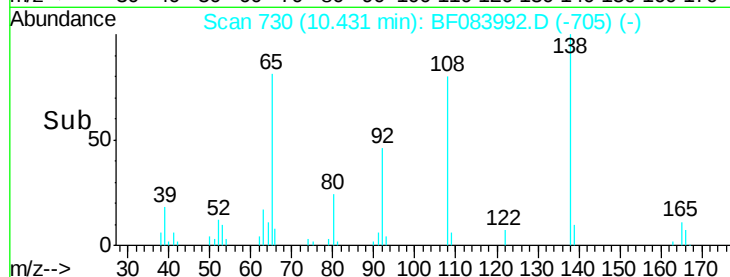
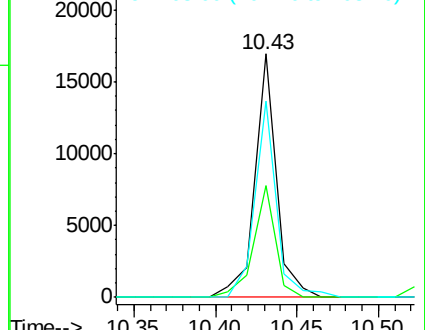
108 80.4 68.6 108.6



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: 9.84 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Tgt Ion: 77 Resp: 60309

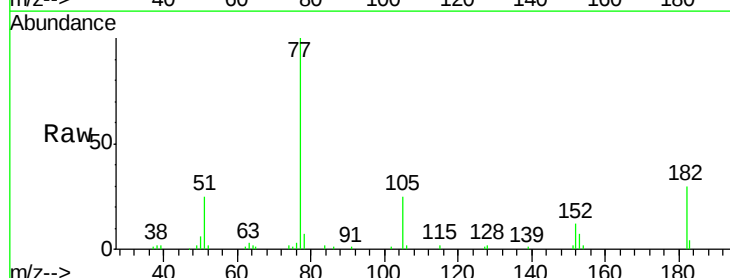
Ion Ratio Lower Upper

77 100

182 29.5 8.3 48.3

105 25.5 4.6 44.6

51 25.4 6.2 46.2

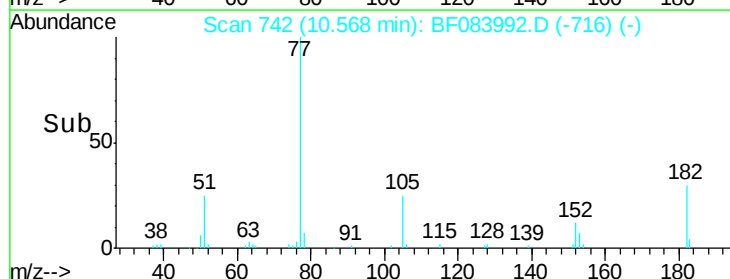
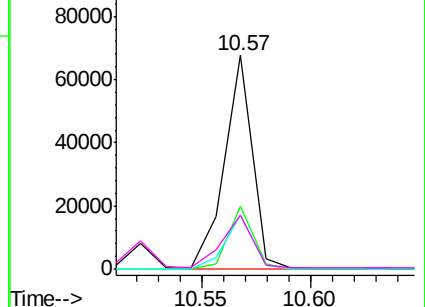


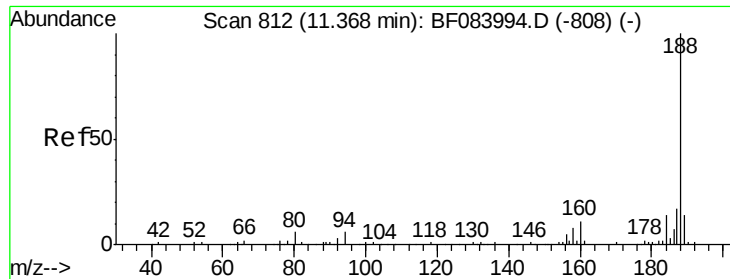
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

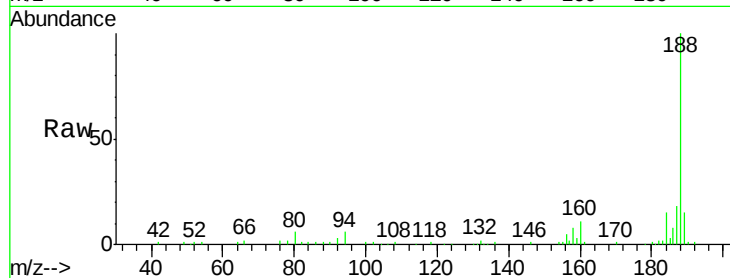




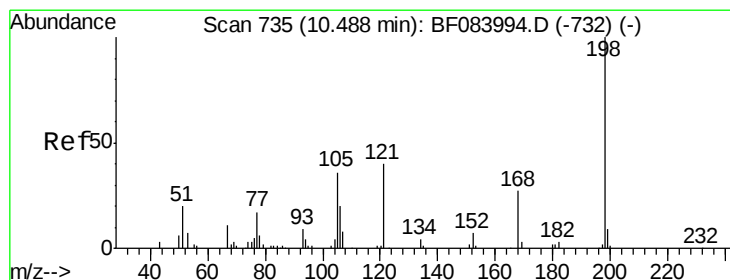
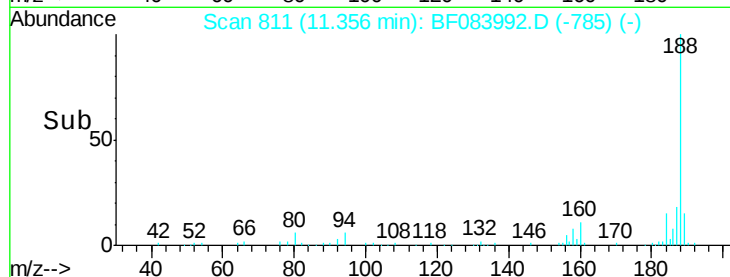
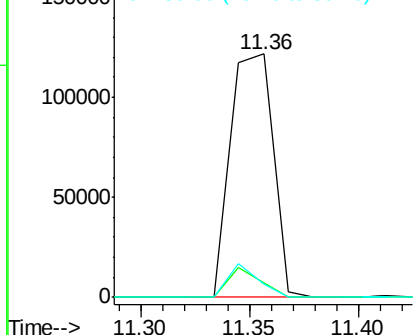
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:188 Resp: 166016
Ion Ratio Lower Upper
188 100
94 5.9 9.0 13.4#
80 5.5 9.6 14.4#

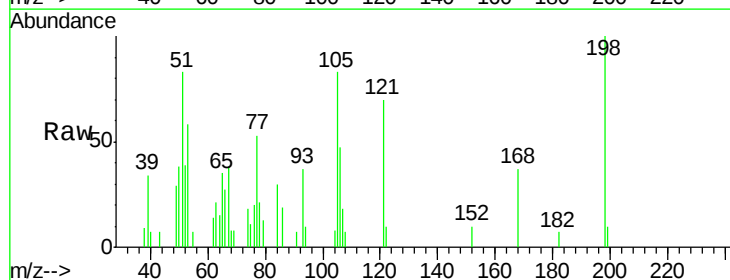


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

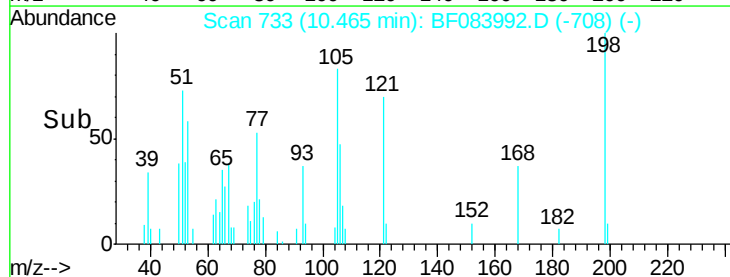
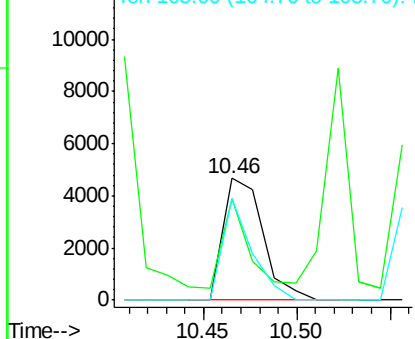


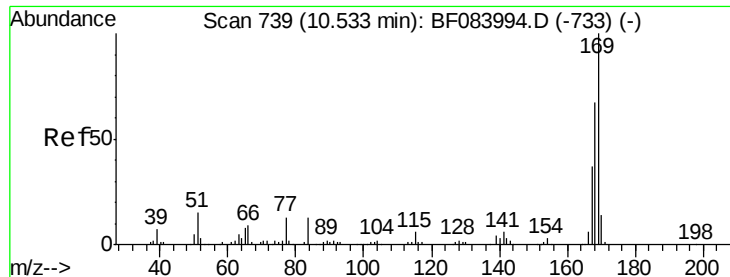
#64
4,6-Dinitro-2-methylphenol
Concen: 8.62 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion:198 Resp: 6938
Ion Ratio Lower Upper
198 100
51 83.4 18.9 58.9#
105 83.4 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

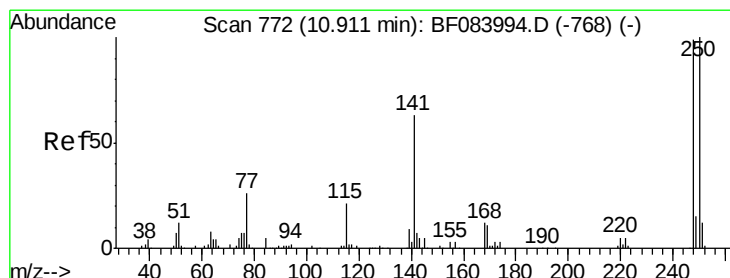
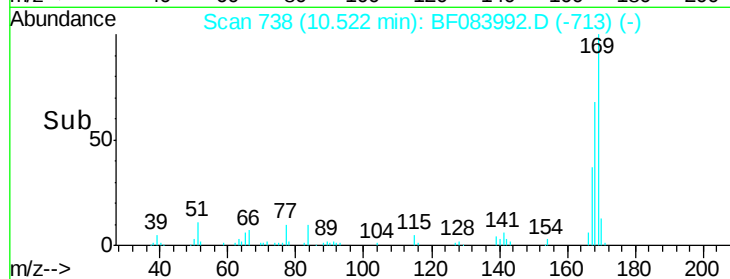
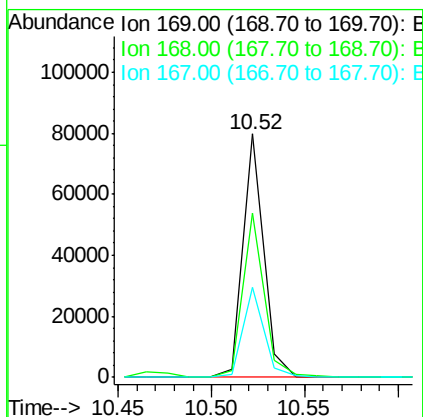
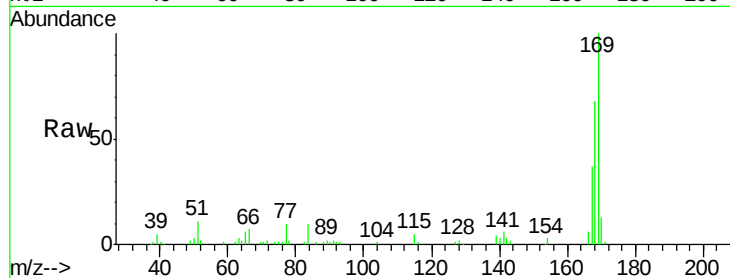




#65
 n-Nitrosodiphenylamine
 Concen: 9.75 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

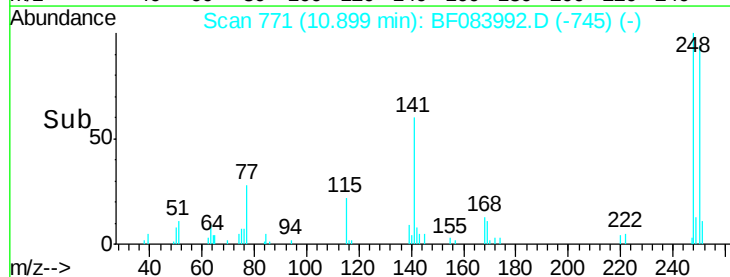
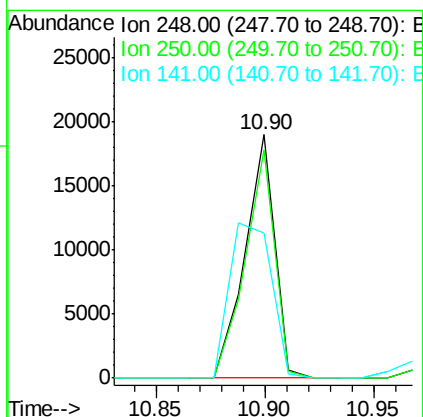
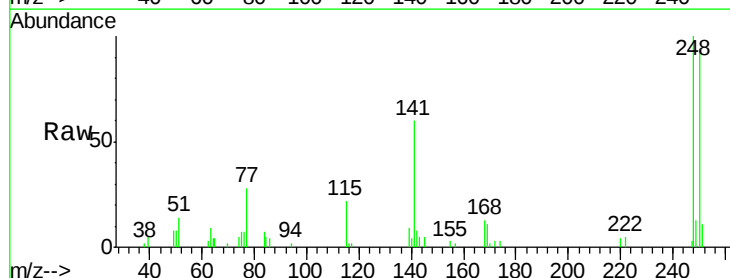
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

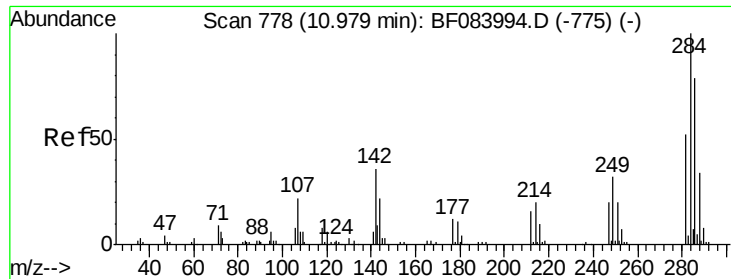
Tot Ion:169 Resp: 62226
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.1 82.7
 167 37.1 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 9.08 ng
 RT: 10.90 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Tgt Ion:248 Resp: 17931
 Ion Ratio Lower Upper
 248 100
 250 93.9 78.4 117.6
 141 59.6 44.0 66.0

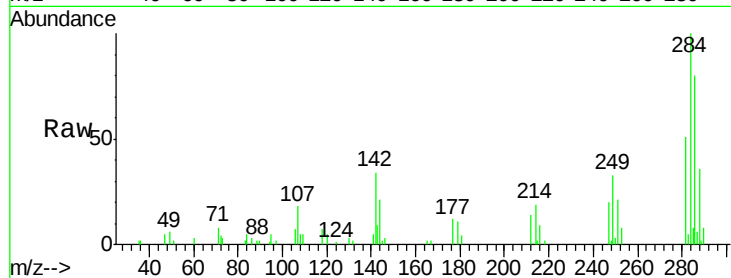




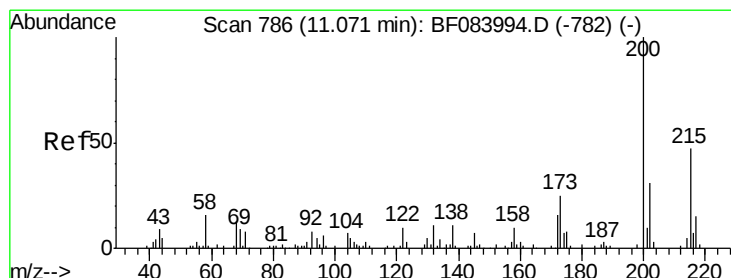
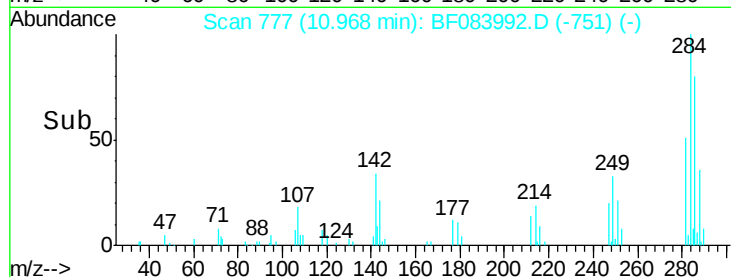
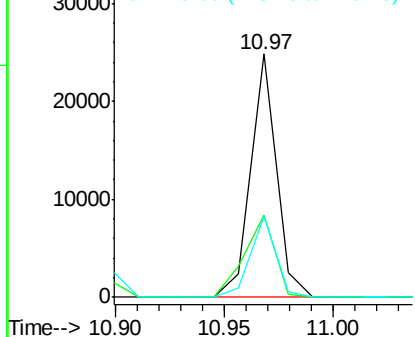
#67
Hexachlorobenzene
Concen: 9.49 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:284 Resp: 20445
Ion Ratio Lower Upper
284 100
142 33.7 22.2 33.4#
249 33.2 24.6 37.0

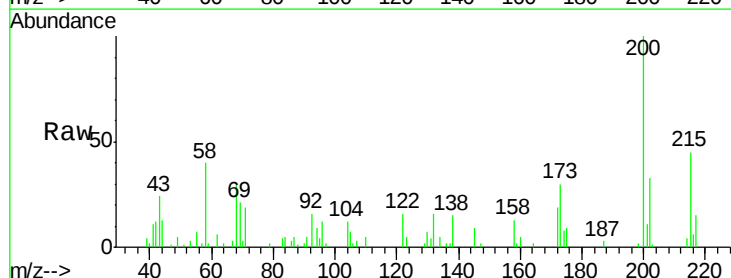


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

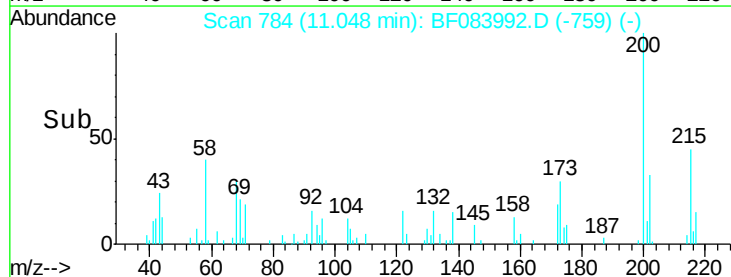
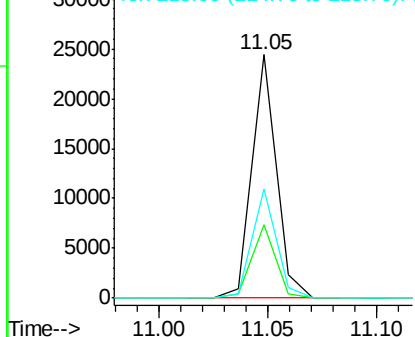


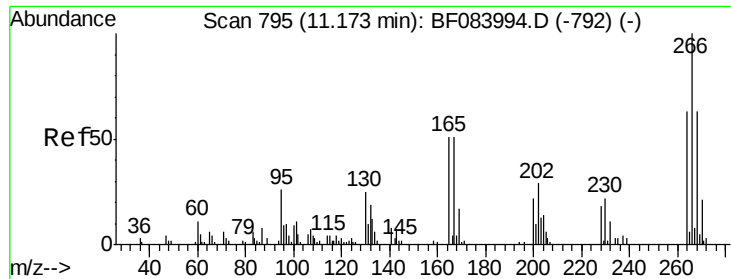
#68
Atrazine
Concen: 9.93 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion:200 Resp: 18960
Ion Ratio Lower Upper
200 100
173 29.9 9.5 49.5
215 45.1 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

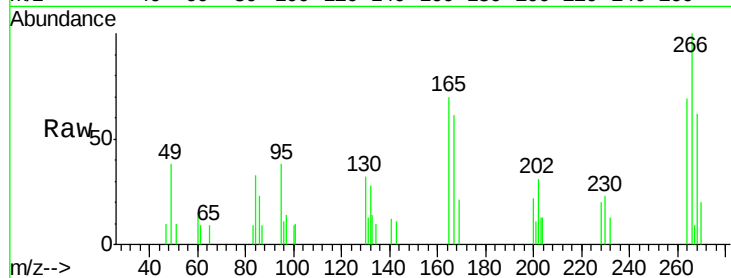




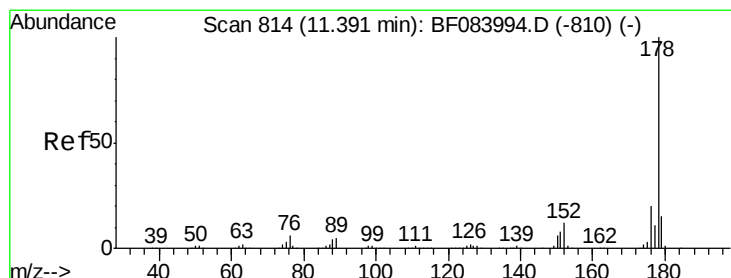
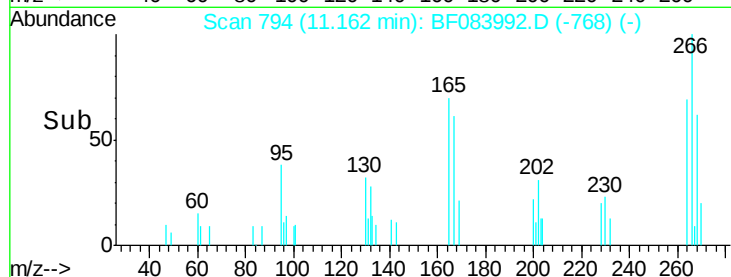
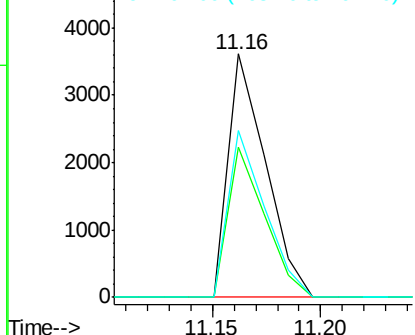
#69
 Pentachlorophenol
 Concen: 8.96 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:266 Resp: 4324
 Ion Ratio Lower Upper
 266 100
 268 61.5 52.4 78.6
 264 68.5 50.2 75.2

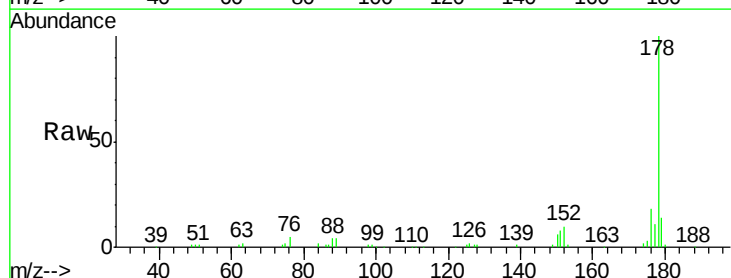


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

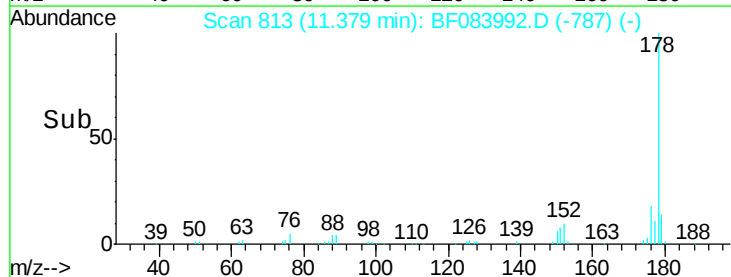
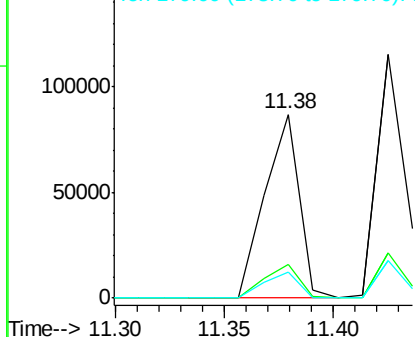


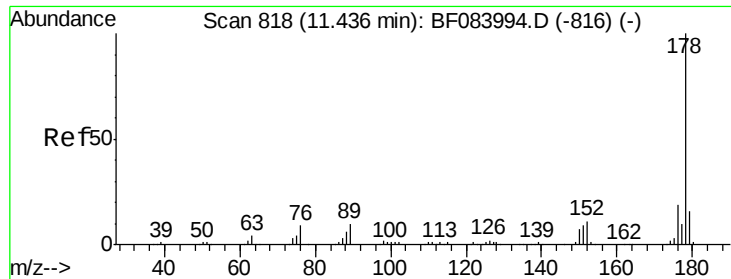
#70
 Phenanthrene
 Concen: 9.72 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Tgt Ion:178 Resp: 95805
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.3 22.9
 179 14.3 12.0 18.0



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

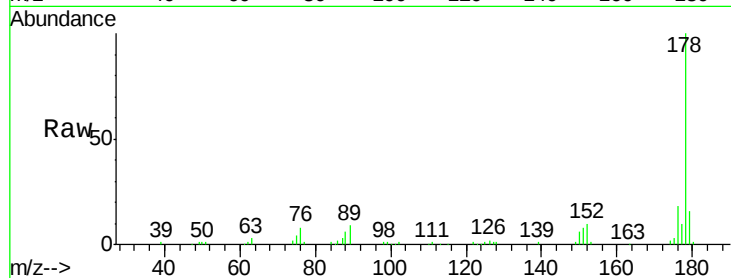




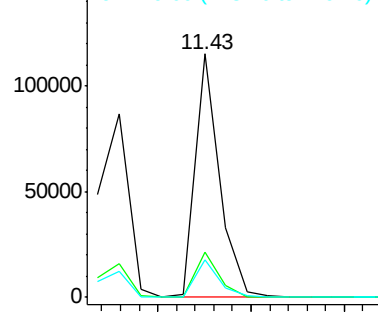
#71
 Anthracene
 Concen: 10.54 ng
 RT: 11.43 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

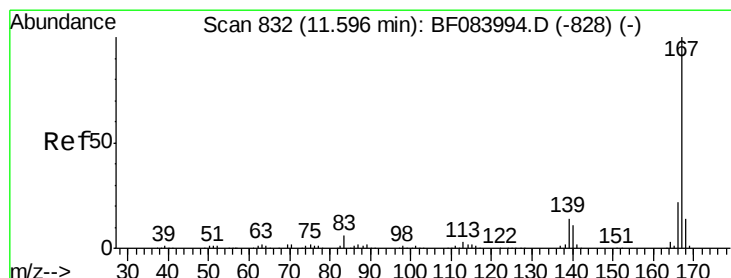
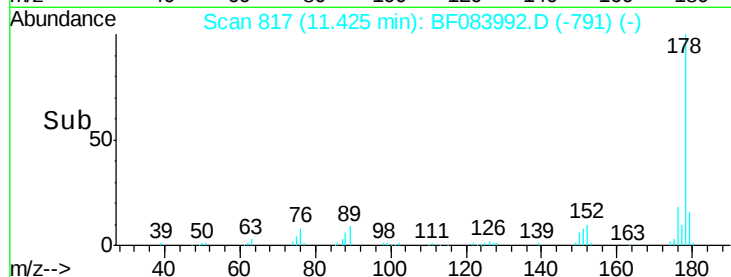
Tot Ion:178 Resp: 104422
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.0
 179 15.6 12.5 18.7



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

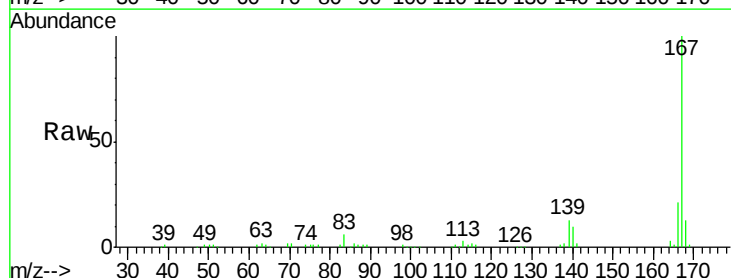


Time-->

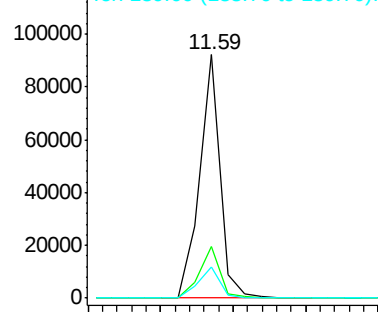


#72
 Carbazole
 Concen: 9.71 ng
 RT: 11.59 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

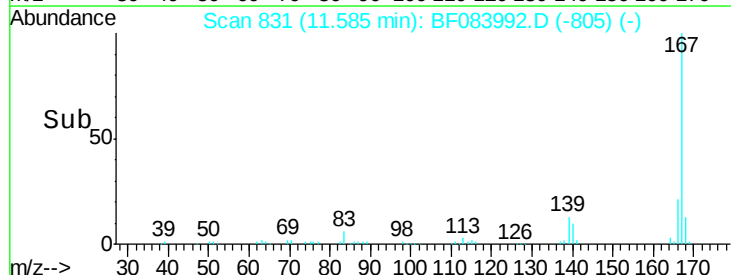
Tgt Ion:167 Resp: 89992
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.6 26.4
 139 12.8 11.8 17.8

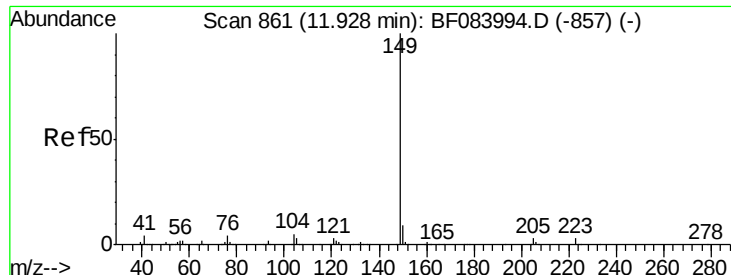


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 10.23 ng

RT: 11.92 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

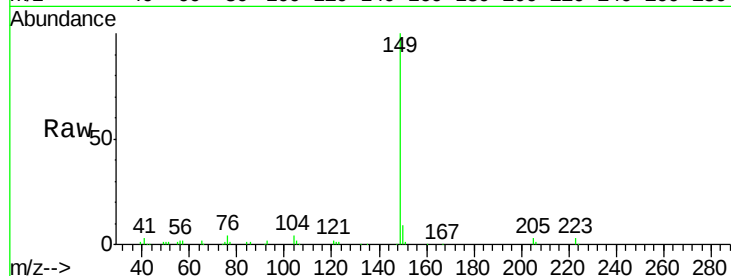
Tot Ion:149 Resp: 120323

Ion Ratio Lower Upper

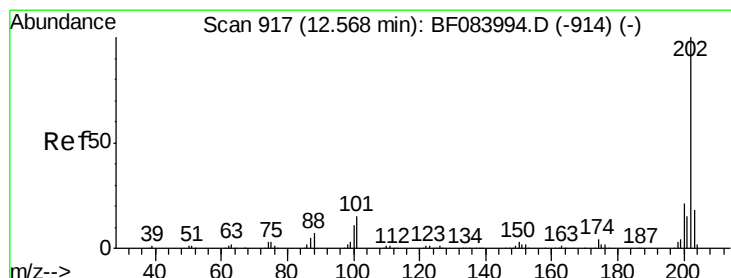
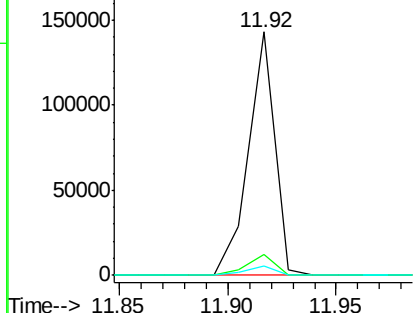
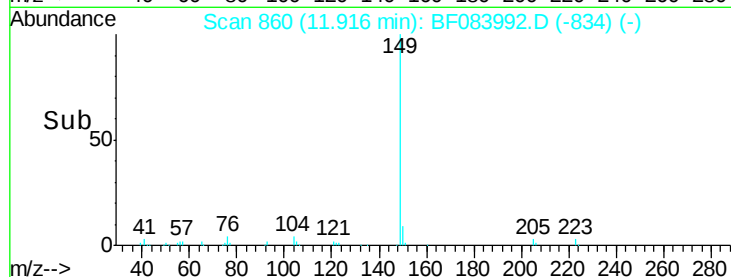
149 100

150 8.7 7.1 10.7

104 3.9 3.2 4.8



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: 10.44 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

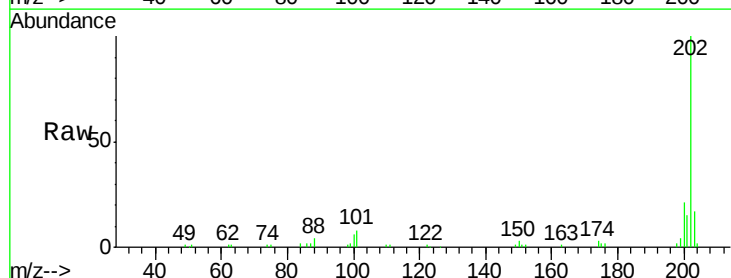
Tgt Ion:202 Resp: 100449

Ion Ratio Lower Upper

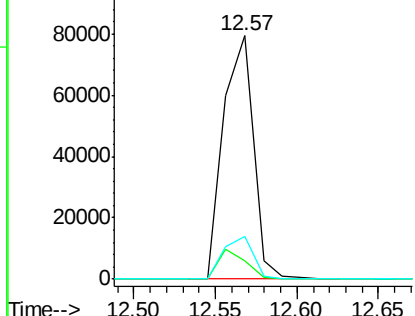
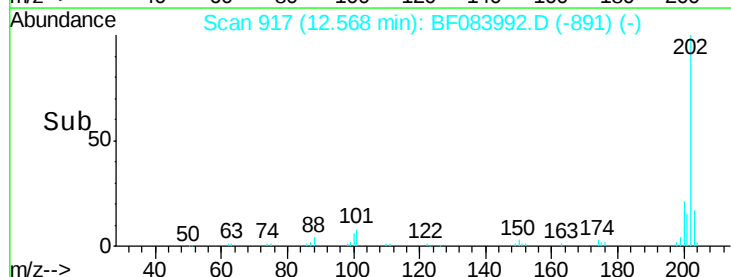
202 100

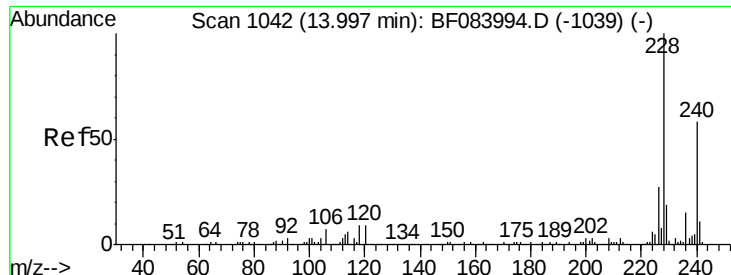
101 7.8 0.0 32.8

203 17.4 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

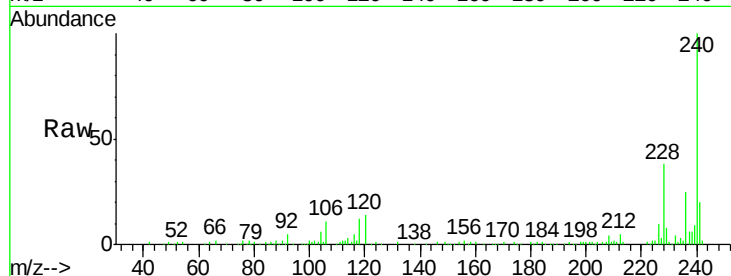
Tot Ion:240 Resp: 165094

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

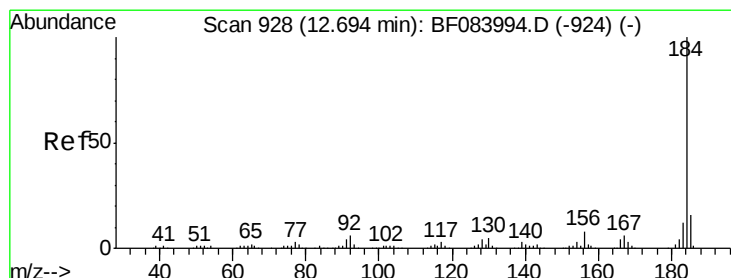
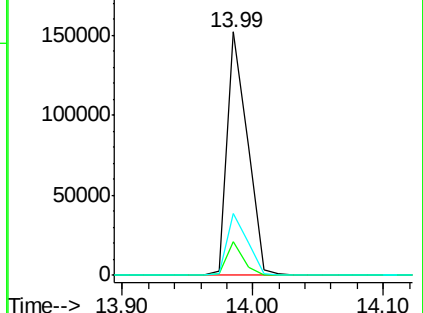
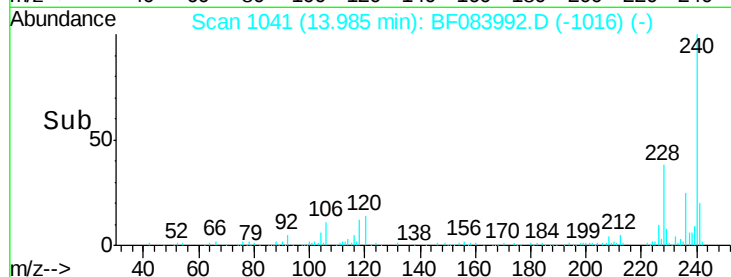
236 25.2 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.03 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

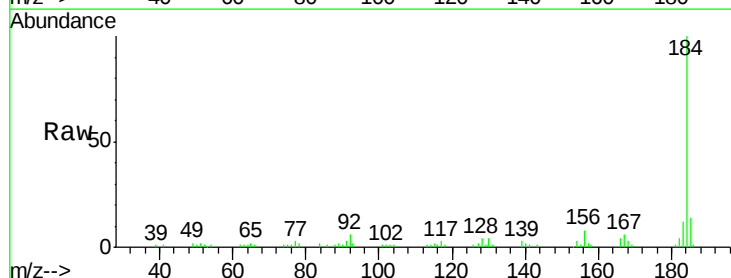
Tgt Ion:184 Resp: 57576

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

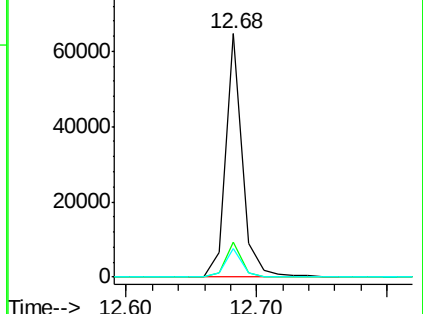
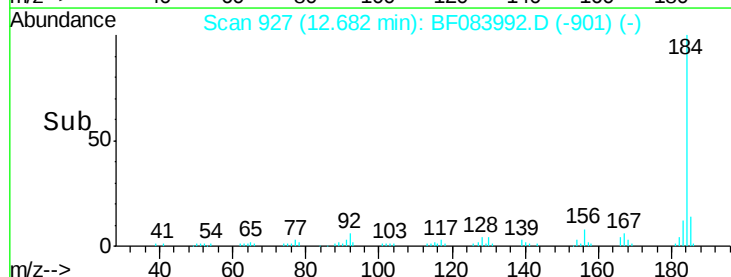
183 11.9 9.8 14.8

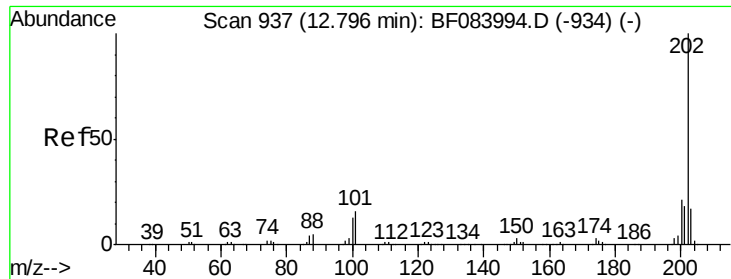


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 9.84 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

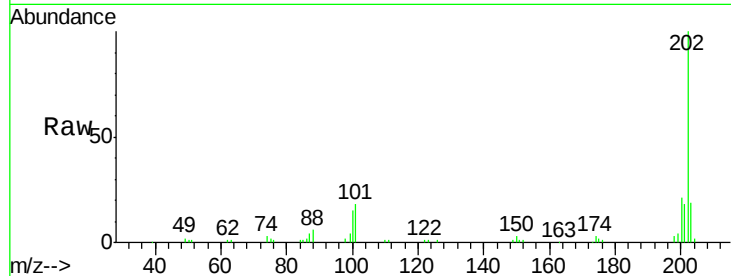
Tot Ion:202 Resp: 106846

Ion Ratio Lower Upper

202 100

200 20.6 17.2 25.8

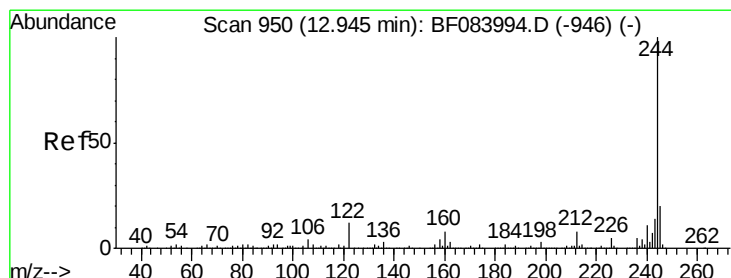
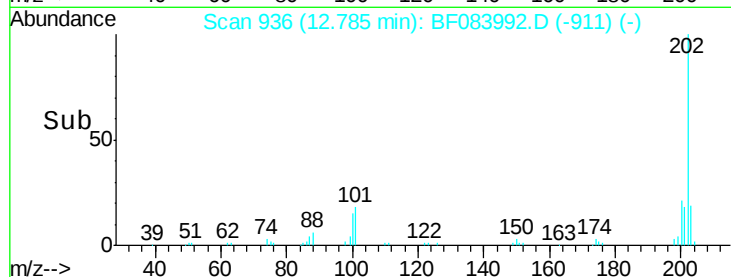
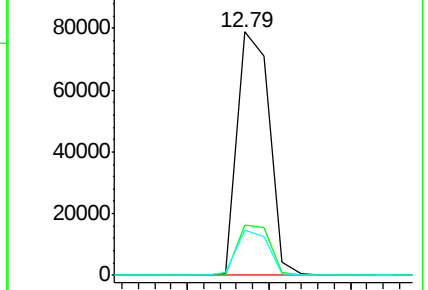
203 18.6 14.3 21.5



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: 10.09 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

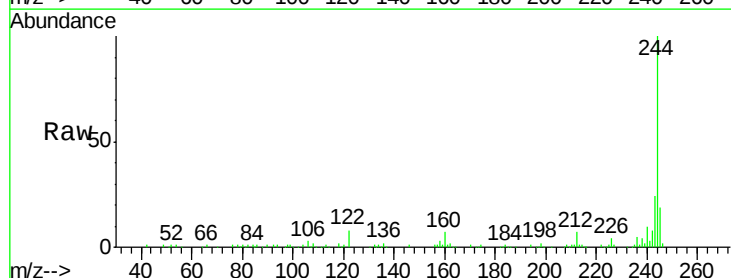
Tgt Ion:244 Resp: 144449

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

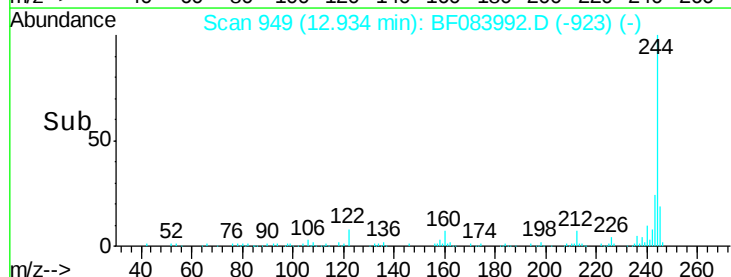
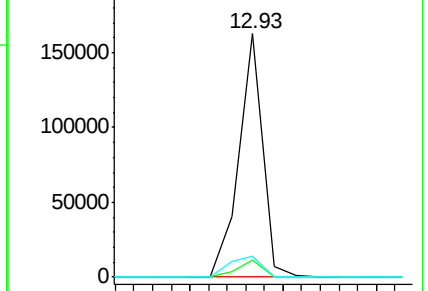
122 8.5 7.4 11.0

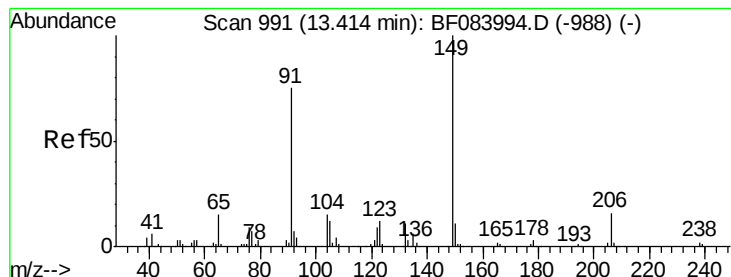


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 9.60 ng

RT: 13.40 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

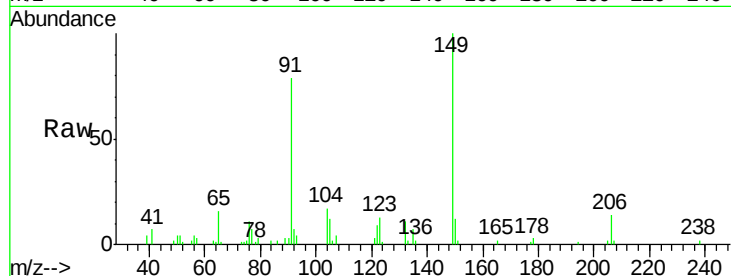
Tot Ion:149 Resp: 46716

Ion Ratio Lower Upper

149 100

91 78.9 57.6 86.4

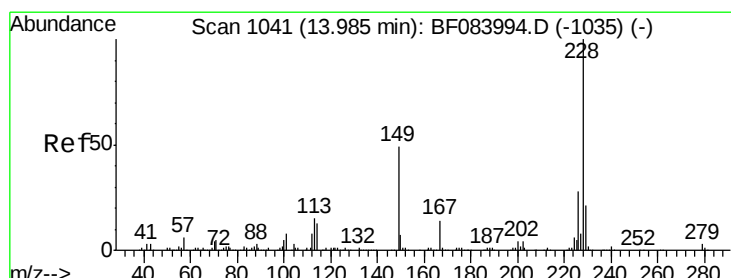
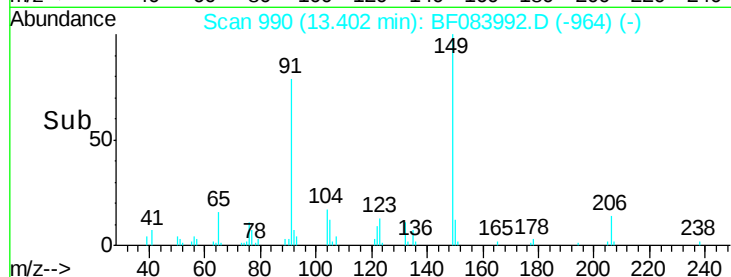
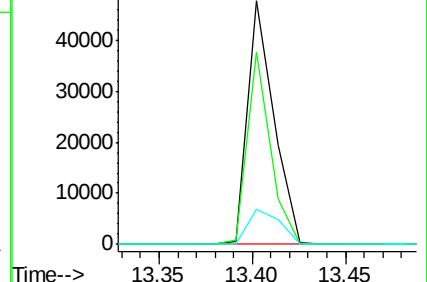
206 14.4 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 9.58 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

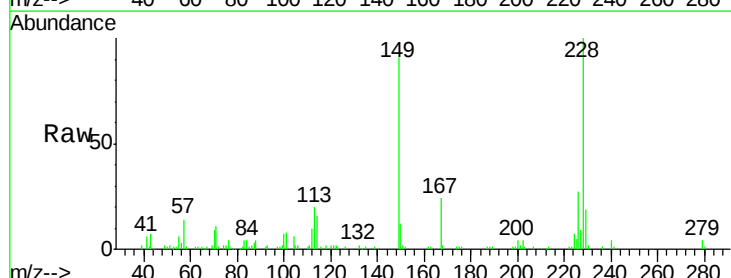
Tgt Ion:228 Resp: 92763

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.6

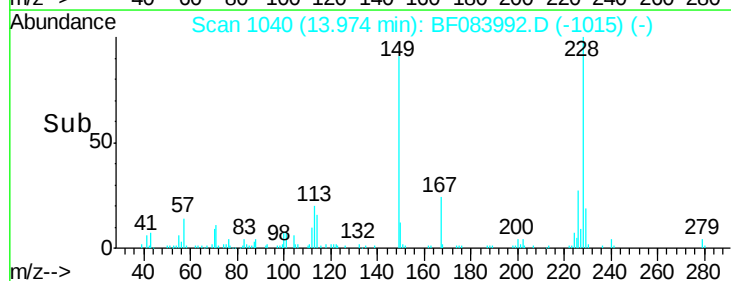
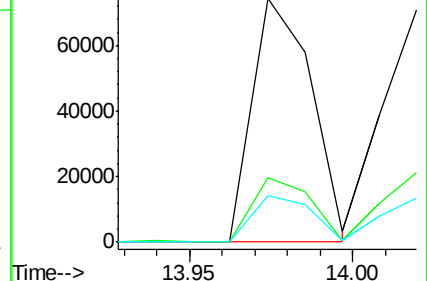
229 18.9 15.8 23.8

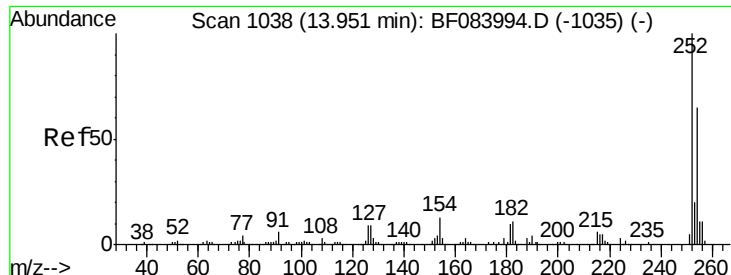


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

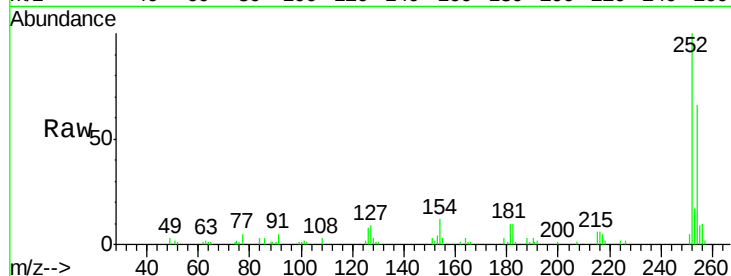




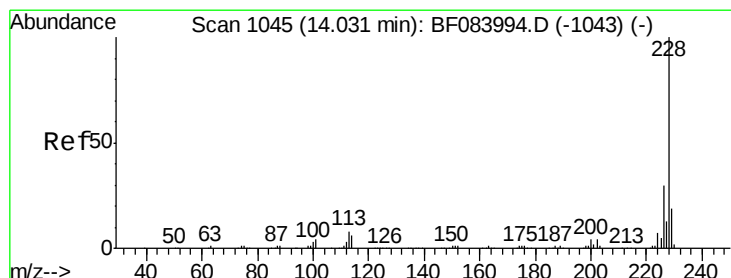
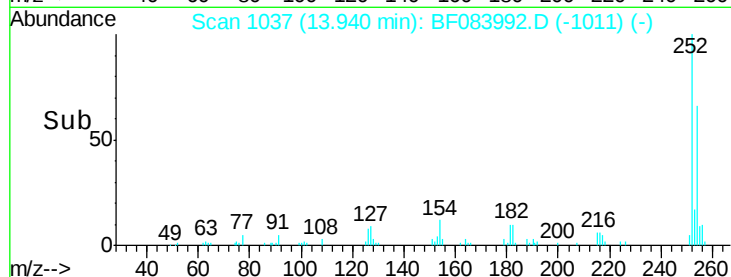
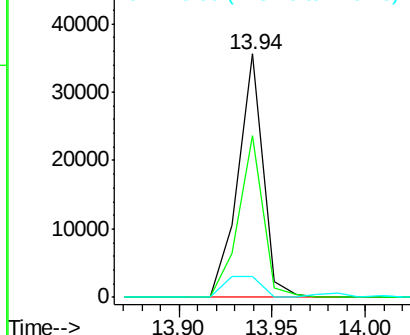
#81
 3,3'-Dichlorobenzidine
 Concen: 9.49 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:252 Resp: 33578
 Ion Ratio Lower Upper
 252 100
 254 66.5 53.5 80.3
 126 8.5 4.9 7.3#

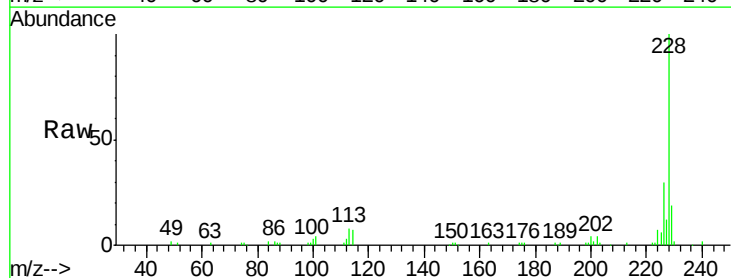


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

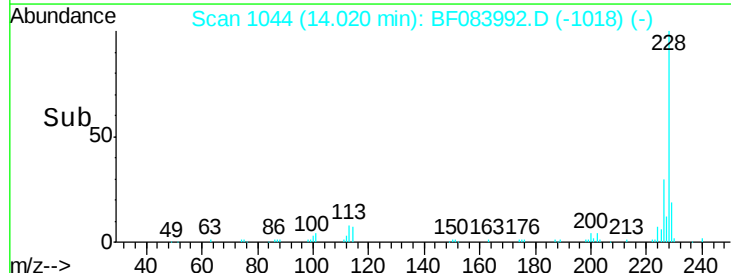
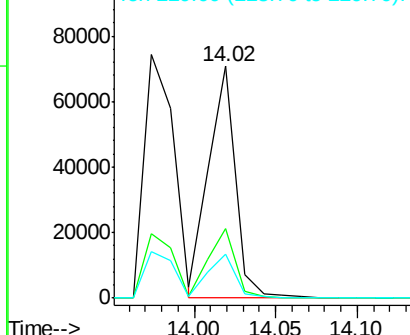


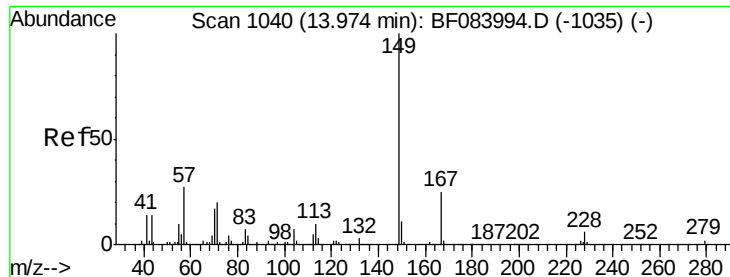
#82
 Chrysene
 Concen: 9.19 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Tgt Ion:228 Resp: 81634
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.3 36.5
 229 19.1 16.1 24.1



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: 9.77 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

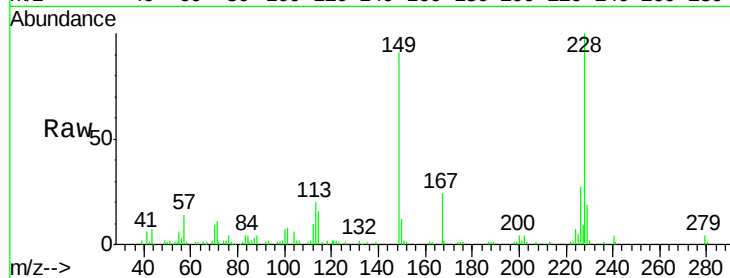
Tot Ion:149 Resp: 69301

Ion Ratio Lower Upper

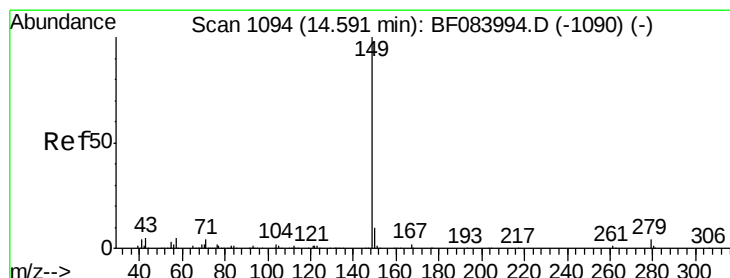
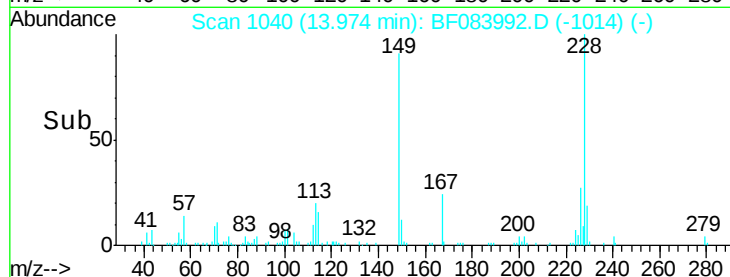
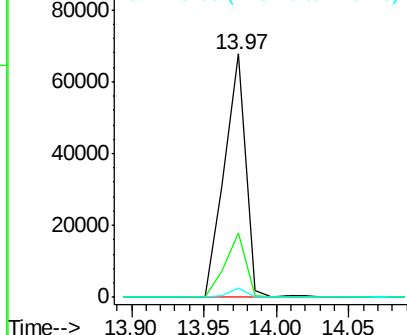
149 100

167 26.7 19.7 29.5

279 4.0 1.8 2.6#



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



#84

Di-n-octyl phthalate

Concen: 10.01 ng

RT: 14.58 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF083992.D

Acq: 22 Dec 2015 15:20

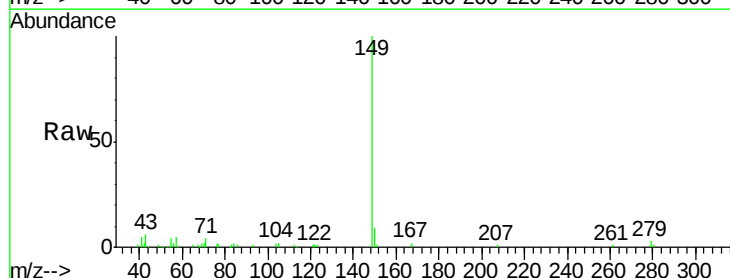
Tgt Ion:149 Resp: 108586

Ion Ratio Lower Upper

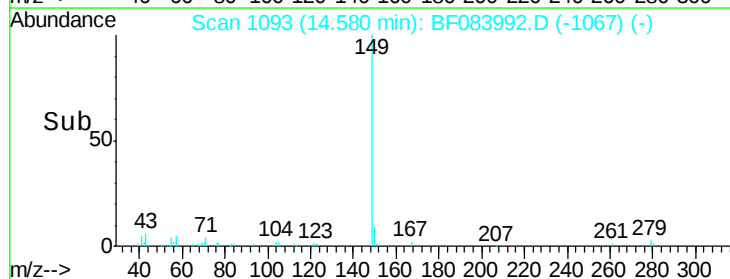
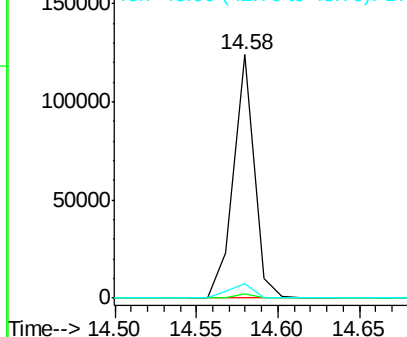
149 100

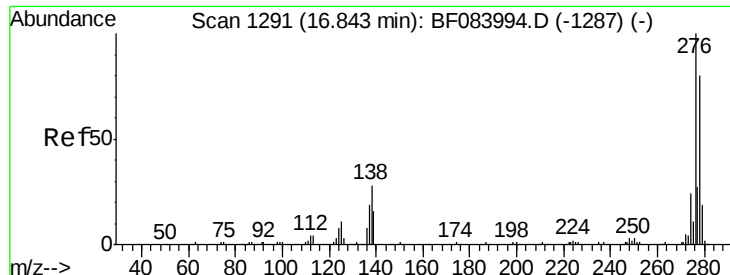
167 1.5 1.2 1.8

43 7.1 5.6 8.4



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

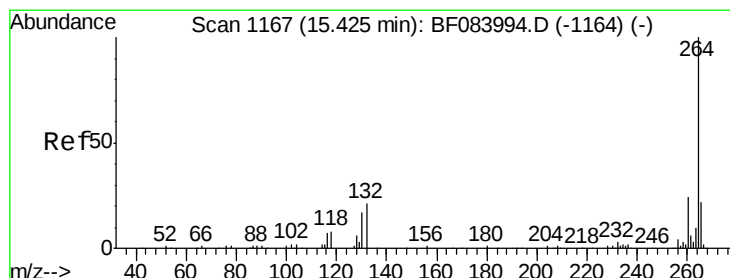
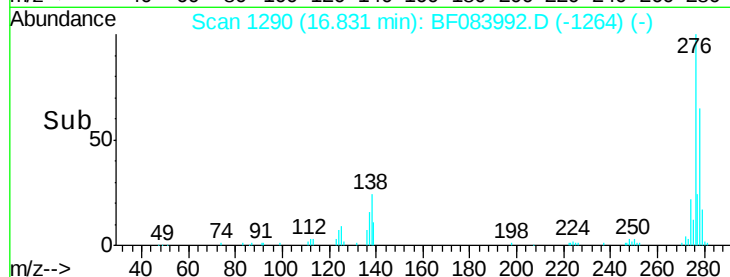
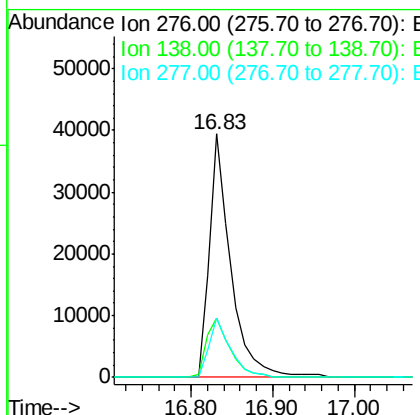
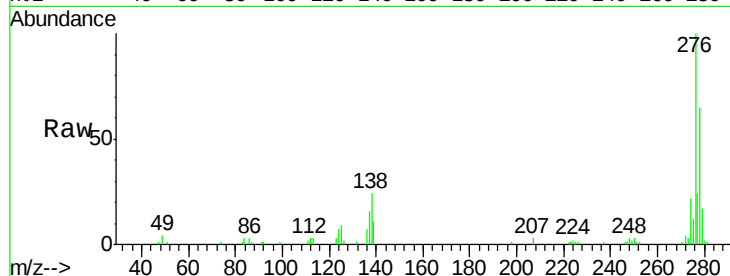




#85
Indeno(1,2,3-cd)pyrene
Concen: 10.21 ng
RT: 16.83 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

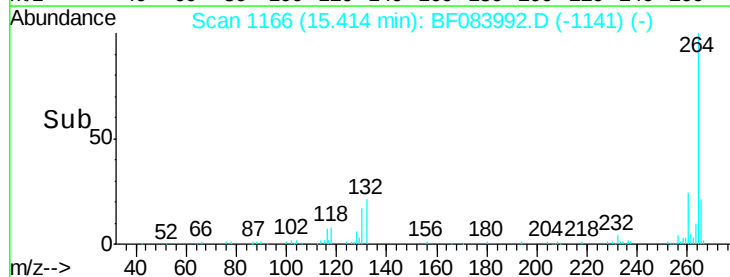
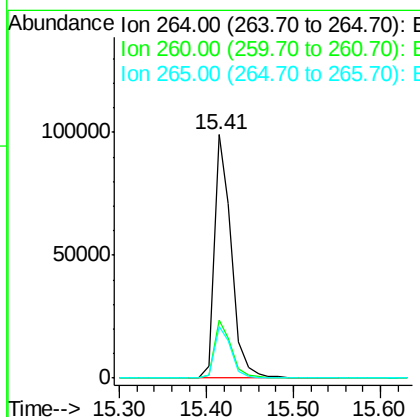
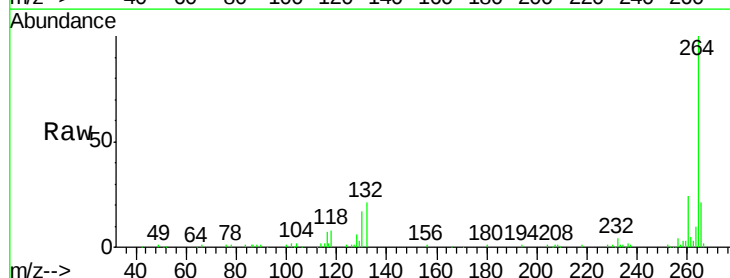
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

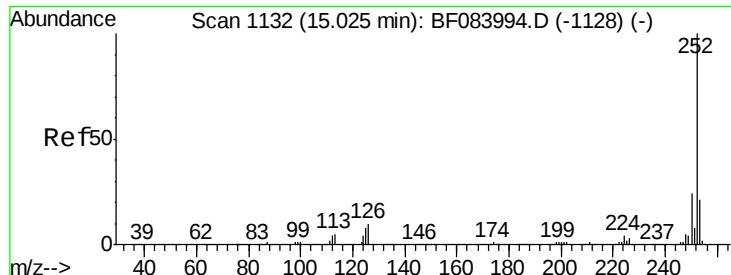
Tot Ion:276 Resp: 72483
Ion Ratio Lower Upper
276 100
138 26.8 20.6 30.8
277 24.3 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion:264 Resp: 136423
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.4 17.8 26.6

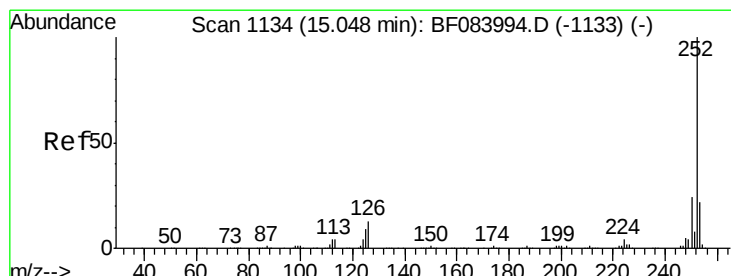
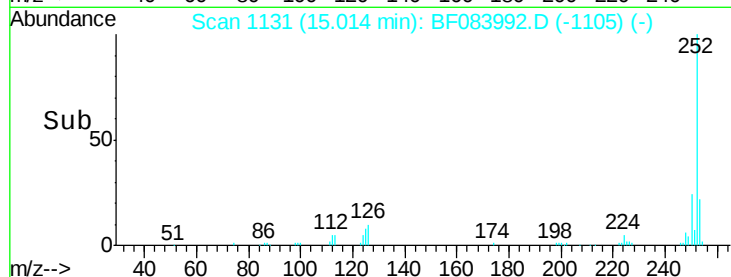
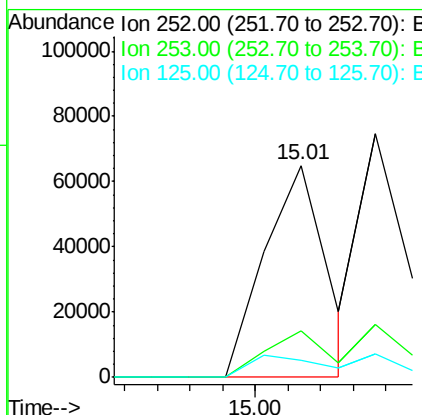
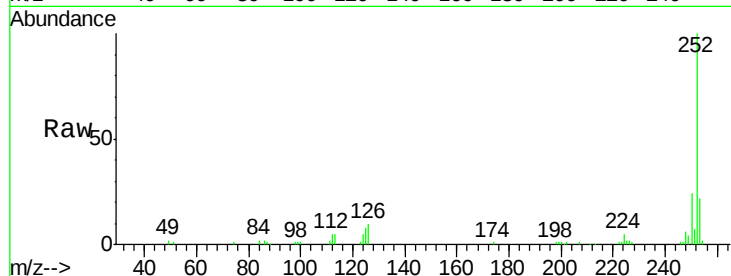




#87
Benzo(b)fluoranthene
Concen: 9.69 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

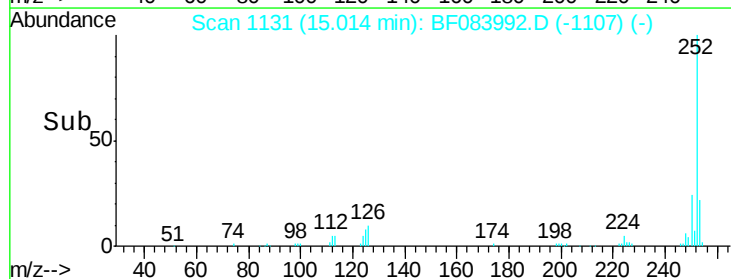
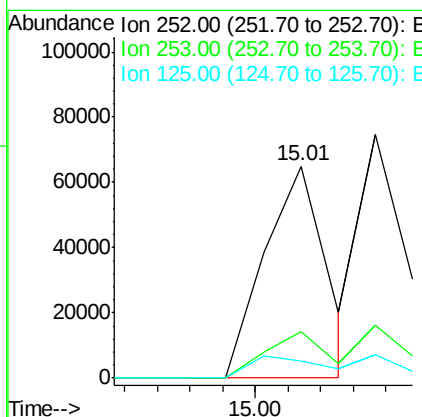
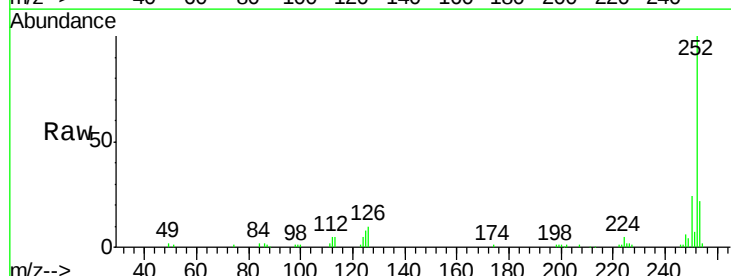
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

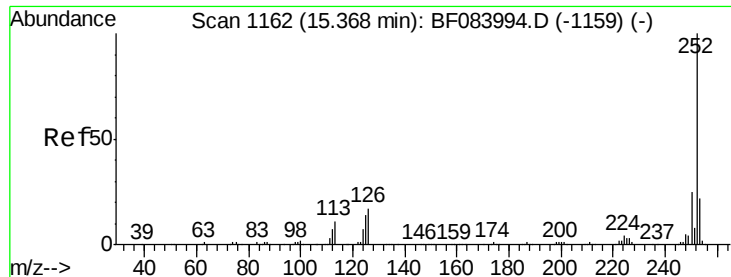
Tot Ion:252 Resp: 84797
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 8.3 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 10.11 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion:252 Resp: 84797
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 8.3 9.0 13.6#

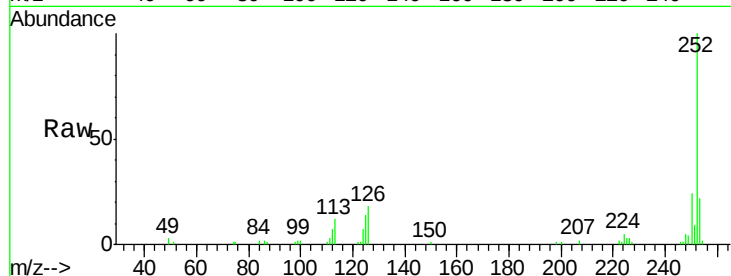




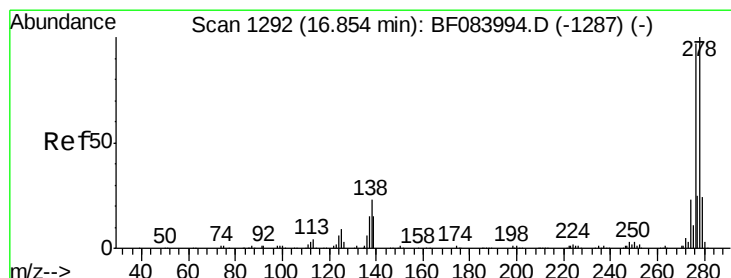
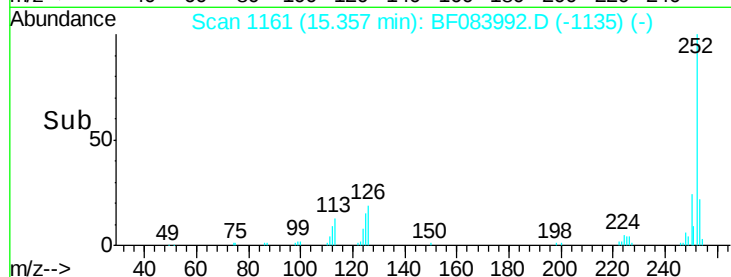
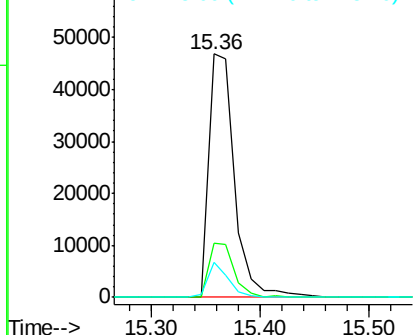
#89
Benzo(a)pyrene
Concen: 9.54 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:252 Resp: 77622
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 14.2 7.0 10.4#

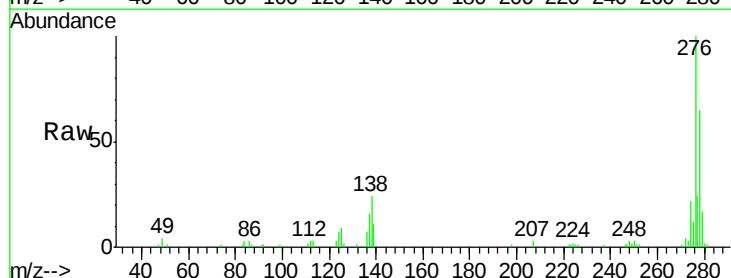


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

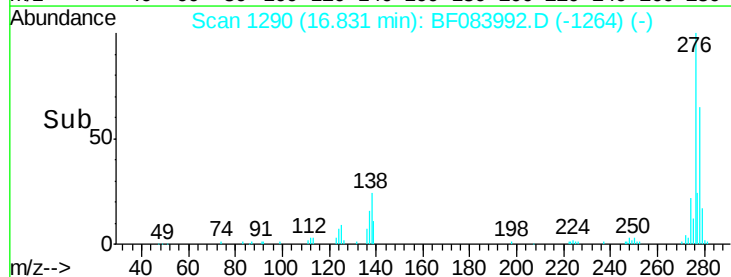
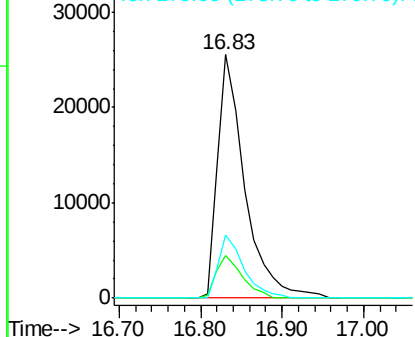


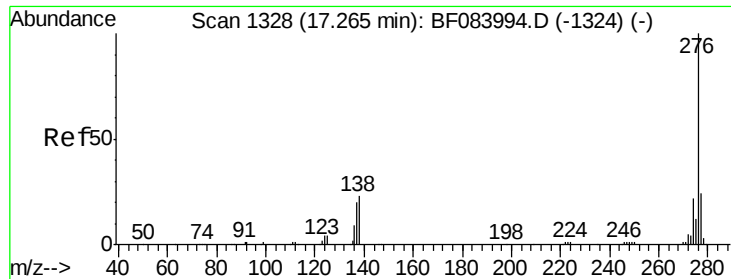
#90
Dibenzo(a,h)anthracene
Concen: 9.42 ng
RT: 16.83 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF083992.D
Acq: 22 Dec 2015 15:20

Tgt Ion:278 Resp: 58963
Ion Ratio Lower Upper
278 100
139 17.5 15.0 22.4
279 26.1 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

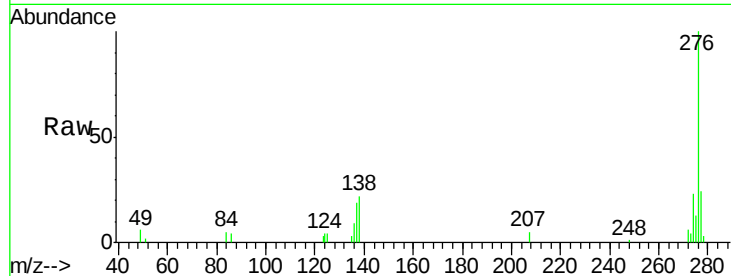




#91
 Benzo(a,h,i)perylene
 Concen: 9.15 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF083992.D
 Acq: 22 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.2	17.8	26.6



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

