

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093583.D
 Acq On : 11 Mar 2017 22:33
 Operator : SJ/MA
 Sample : I2106-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 17:03:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163727	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	321234	20.00	ng	0.01
38) Acenaphthene-d10	9.81	164	128764	20.00	ng	0.05
63) Phenanthrene-d10	11.28	188	236695	20.00	ng	0.03
75) Chrysene-d12	13.89	240	321844	20.00	ng	0.00
86) Perylene-d12	15.28	264	266408	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1362423	138.49	ng	0.00
7) Phenol-d6	6.39	99	1583094	127.61	ng	0.01
23) Nitrobenzene-d5	7.30	82	822887	142.13	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	121157	144.42	ng	0.06
44) 2-Fluorobiphenyl	9.11	172	783058	113.12	ng	0.02
78) Terphenyl-d14	12.84	244	766033	61.88	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.23	88	201140	37.12	ng	# 82
3) Pyridine	2.92	79	472113	34.17	ng	89
4) n-Nitrosodimethylamine	2.87	42	271833	41.20	ng	82
6) Aniline	6.40	93	168243	9.88	ng	# 1
8) 2-Chlorophenol	6.52	128	452350	41.04	ng	91
9) Benzaldehyde	6.28	77	98013	9.59	ng	84
10) Phenol	6.41	94	745627	49.05	ng	# 75
11) bis(2-Chloroethyl)ether	6.47	93	522317	42.51	ng	95
12) 1,3-Dichlorobenzene	6.74	146	494788	39.22	ng	95
13) 1,4-Dichlorobenzene	6.74	146	494788	38.31	ng	99
14) 1,2-Dichlorobenzene	6.74	146	494788	43.26	ng	99
15) Benzyl Alcohol	6.89	79	336655	38.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	721000	35.33	ng	76
17) 2-Methylphenol	7.02	107	337567	36.21	ng	# 88
18) Hexachloroethane	7.22	117	160886	36.93	ng	# 88
19) n-Nitroso-di-n-propylamine	7.16	70	424569	49.78	ng	# 92
20) 3+4-Methylphenols	7.18	107	481055	39.79	ng	# 75
22) Acetophenone	7.14	105	578097	74.78	ng	# 95
24) Nitrobenzene	7.33	77	403071	61.94	ng	# 82
25) Isophorone	7.57	82	1020277	87.39	ng	# 80
26) 2-Nitrophenol	7.65	139	199878	67.33	ng	# 30
27) 2,4-Dimethylphenol	7.69	122	349469	72.36	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	482968	65.53	ng	# 53
29) 2,4-Dichlorophenol	7.91	162	506673	111.52	ng	# 81
30) 1,2,4-Trichlorobenzene	7.97	180	258314	53.46	ng	# 95
31) Naphthalene	8.05	128	1128289	70.09	ng	# 85
32) Benzoic acid	7.83	122	125997	50.21	ng	# 39
33) 4-Chloroaniline	8.12	127	105890	16.21	ng	# 30
34) Hexachlorobutadiene	8.16	225	150219	60.36	ng	98
35) Caprolactam	8.47	113	356383	229.68	ng	# 1
36) 4-Chloro-3-methylphenol	8.62	107	234003	48.25	ng	94
37) 2-Methylnaphthalene	8.76	142	494026	48.23	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	170932	48.61	ng	# 87
40) Hexachlorocyclopentadiene	8.90	237	13120	24.64	ng	96

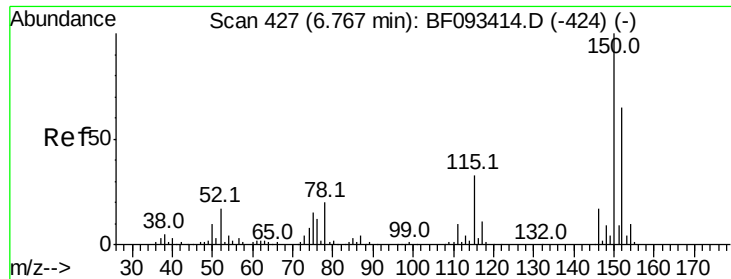
Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093583.D
 Acq On : 11 Mar 2017 22:33
 Operator : SJ/MA
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 BNA_F
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Quant Time: Mar 13 17:03:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	104888	47.75	nq	88
43) 2,4,5-Trichlorophenol	9.10	196	97624	41.42	nq #	1
45) 1,1'-Biphenyl	9.21	154	432254	46.08	nq	93
46) 2-Chloronaphthalene	9.25	162	392906	54.72	nq #	82
47) 2-Nitroaniline	9.35	65	109043	42.96	nq #	70
48) Acenaphthylene	9.67	152	458865	38.75	nq #	68
49) Dimethylphthalate	9.52	163	238030	27.88	nq #	70
50) 2,6-Dinitrotoluene	9.60	165	102830	54.90	nq #	34
51) Acenaphthene	9.84	154	430838	61.53	nq #	76
52) 3-Nitroaniline	9.76	138	111686	49.63	nq #	70
53) 2,4-Dinitrophenol	9.89	184	2465	2.89	nq #	1
54) Dibenzofuran	10.01	168	479691	54.73	nq #	45
55) 4-Nitrophenol	10.01	139	368111	336.78	nq #	39
56) 2,4-Dinitrotoluene	10.04	165	137587	59.79	nq #	81
57) Fluorene	10.36	166	592729	79.81	nq #	86
58) 2,3,4,6-Tetrachlorophenol	10.15	232	48669	29.26	nq #	1
59) Diethylphthalate	10.22	149	256090	31.39	nq #	88
60) 4-Chlorophenyl-phenylether	10.34	204	126525	38.01	nq #	65
61) 4-Nitroaniline	10.25	138	38273	16.63	nq	92
62) Azobenzene	10.50	77	296075	31.94	nq #	34
64) 4,6-Dinitro-2-methylphenol	10.45	198	7475	4.87	nq #	1
65) n-Nitrosodiphenylamine	10.47	169	720861	91.21	nq #	62
66) 4-Bromophenyl-phenylether	10.82	248	100190	40.03	nq #	58
67) Hexachlorobenzene	10.93	284	66788	27.94	nq #	40
68) Atrazine	11.00	200	132171	57.14	nq #	75
69) Pentachlorophenol	11.11	266	63184	76.57	nq	97
70) Phenanthrene	11.31	178	1612313	119.34	nq #	95
71) Anthracene	11.36	178	557751	40.81	nq #	87
72) Carbazole	11.52	167	424842	33.09	nq #	86
73) Di-n-butylphthalate	11.83	149	684183	46.06	nq	99
74) Fluoranthene	12.48	202	832081	63.76	nq	96
76) Benzidine	12.60	184	96199	9.09	nq #	75
77) Pyrene	12.70	202	982846	41.99	nq	98
79) Butylbenzylphthalate	13.31	149	379315	38.50	nq #	85
80) Benzo(a)anthracene	13.88	228	757117	39.83	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	163705	24.59	nq #	97
82) Chrysene	13.91	228	629967	35.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	549621	40.02	nq	99
84) Di-n-octyl phthalate	14.47	149	873293	38.15	nq	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	598928	40.69	nq	95
87) Benzo(b)fluoranthene	14.89	252	1266575	78.06	nq #	97
88) Benzo(k)fluoranthene	14.89	252	1266575	80.95	nq #	96
89) Benzo(a)pyrene	15.24	252	617262	41.63	nq	99
90) Dibenzo(a,h)anthracene	16.63	278	508043	41.41	nq #	94
91) Benzo(g,h,i)perylene	17.04	276	500040	39.71	nq #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

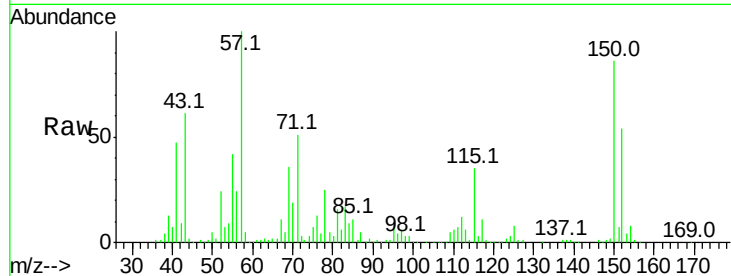
Tot Ion:152 Resp: 163727

Ion Ratio Lower Upper

152 100

150 160.5 124.9 187.3

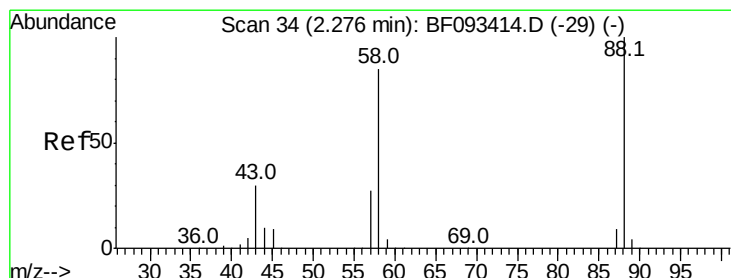
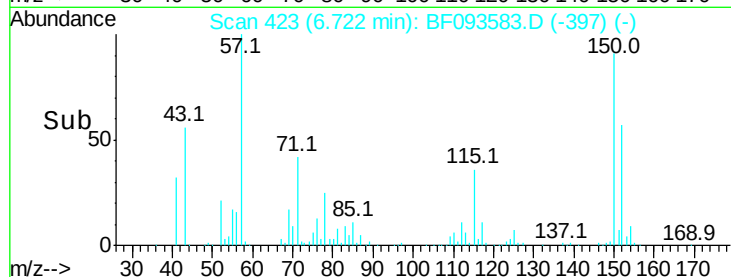
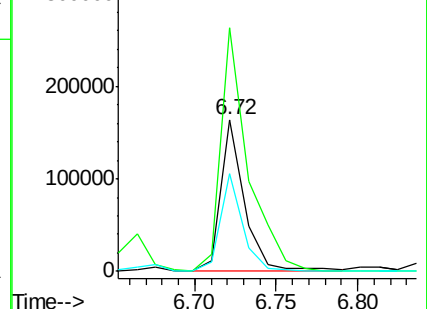
115 64.3 46.0 69.0



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: 37.12 ng

RT: 2.23 min Scan# 30

Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

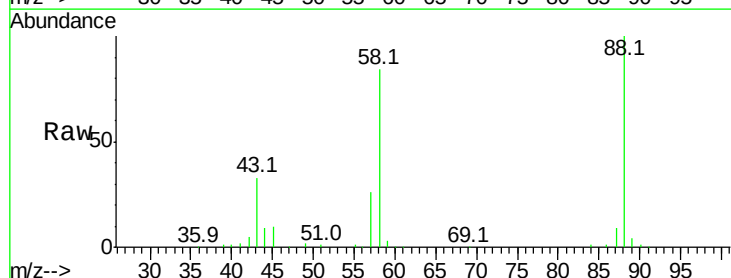
Tgt Ion: 88 Resp: 201140

Ion Ratio Lower Upper

88 100

58 88.4 57.8 86.8#

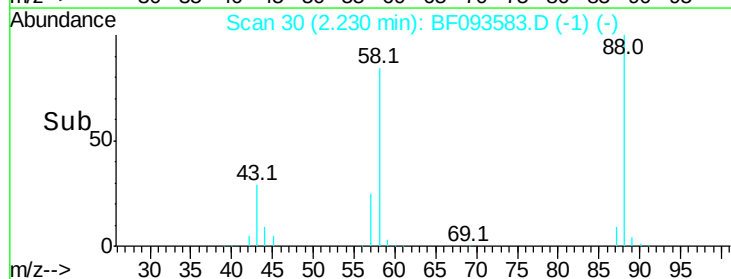
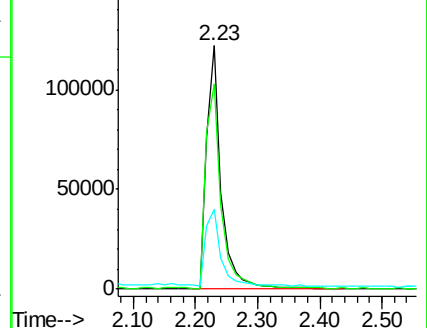
43 35.2 22.3 33.5#

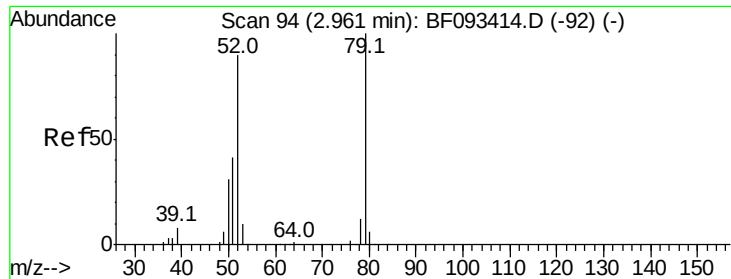


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.17 ng

RT: 2.92 min Scan# 90

Delta R.T. 0.06 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

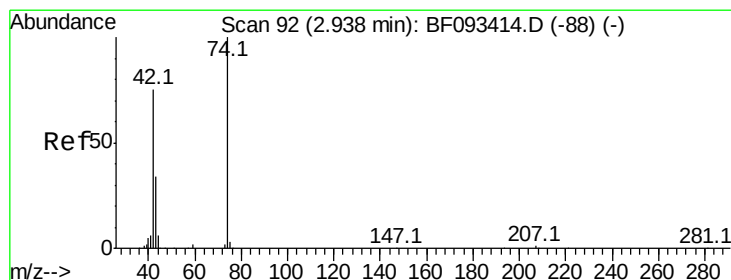
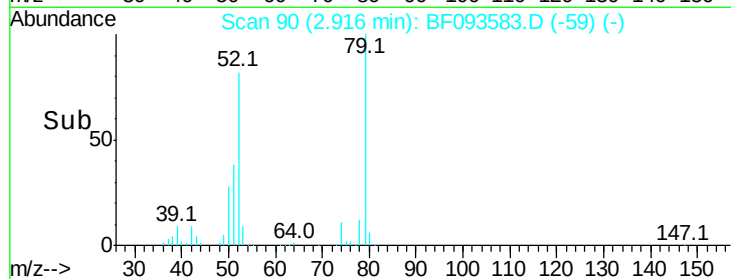
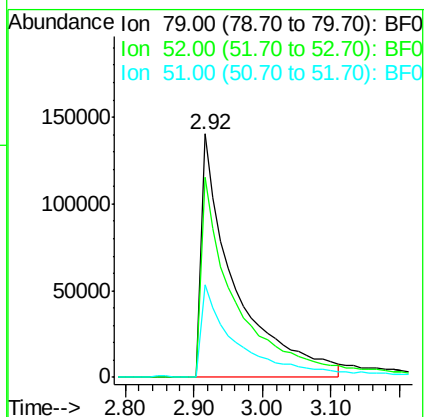
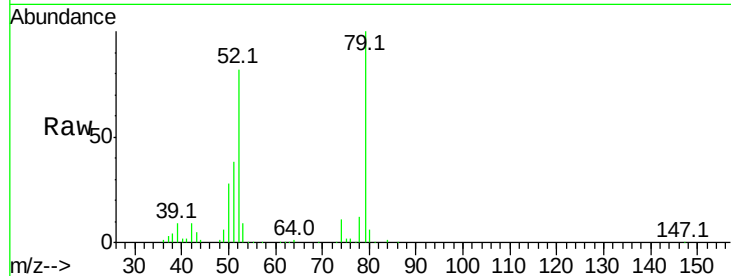
Tot Ion: 79 Resp: 472113

Ion Ratio Lower Upper

79 100

52 82.4 57.1 85.7

51 38.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 41.20 ng

RT: 2.87 min Scan# 86

Delta R.T. 0.03 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

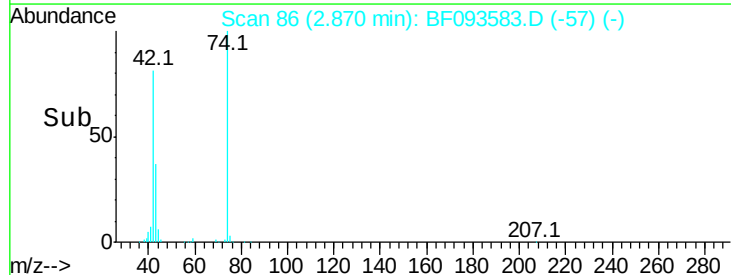
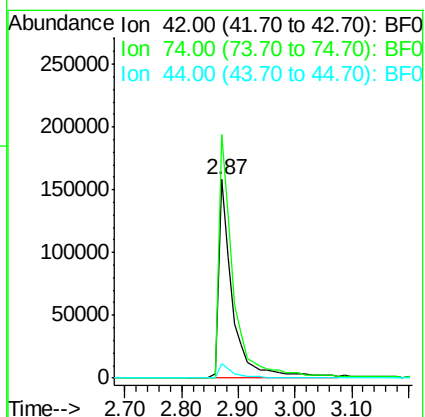
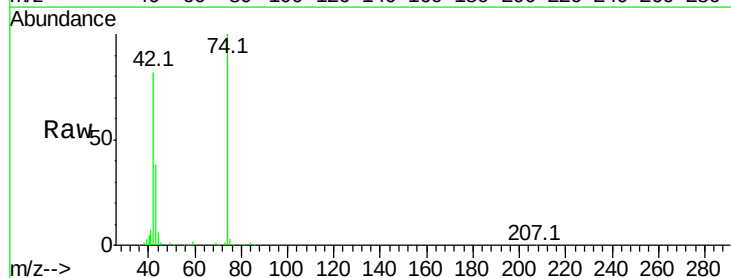
Tgt Ion: 42 Resp: 271833

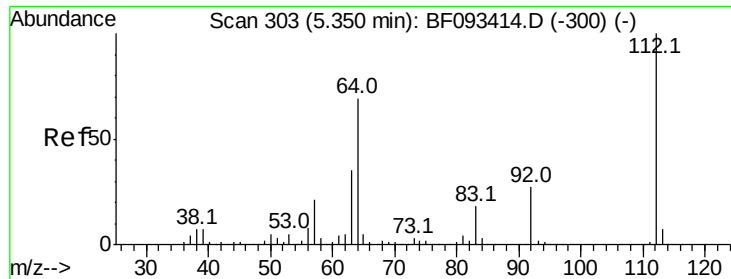
Ion Ratio Lower Upper

42 100

74 122.7 117.0 175.4

44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 138.49 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampled :

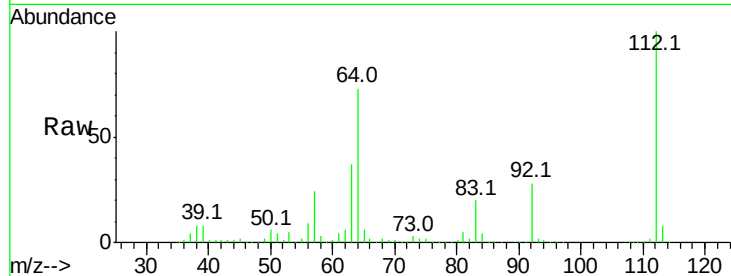
Tot Ion:112 Resp: 1362423

Ion Ratio Lower Upper

112 100

64 73.3 46.1 69.1#

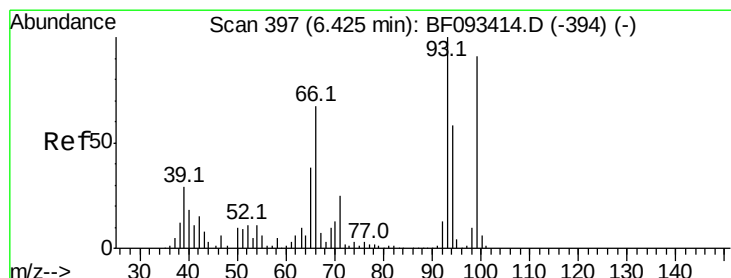
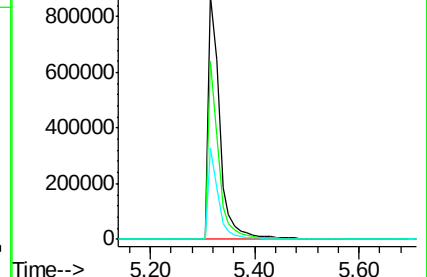
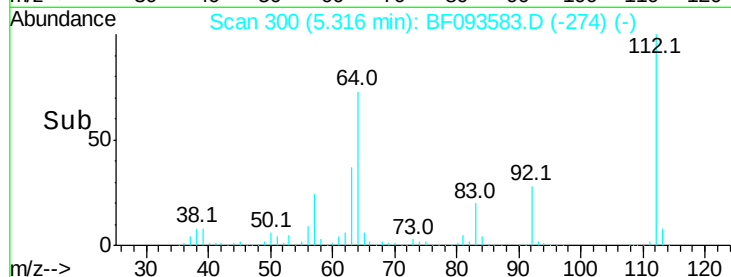
63 37.2 23.8 35.6#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.88 ng

RT: 6.40 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

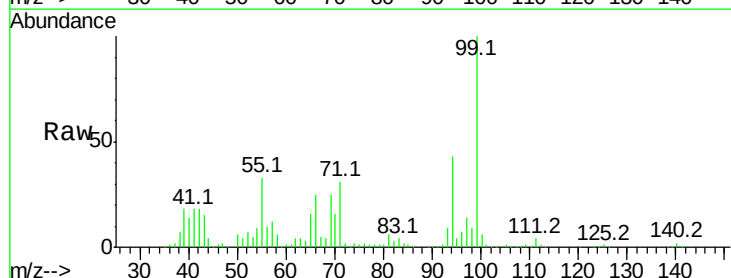
Tgt Ion: 93 Resp: 168243

Ion Ratio Lower Upper

93 100

66 289.3 76.2 114.2#

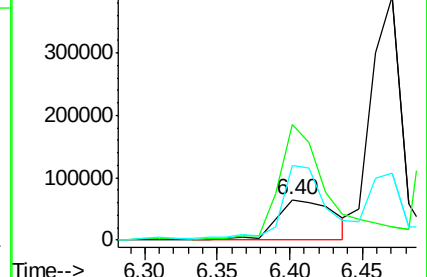
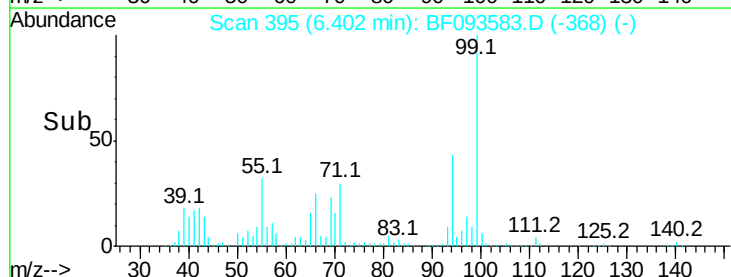
65 184.8 49.3 73.9#

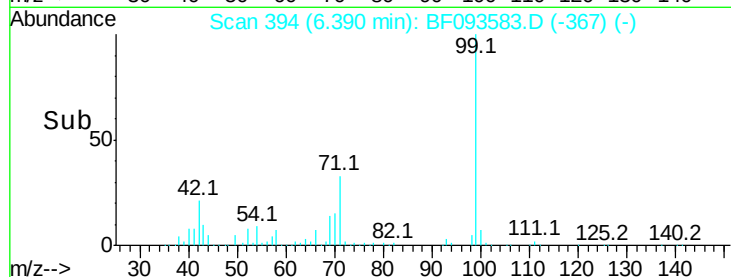
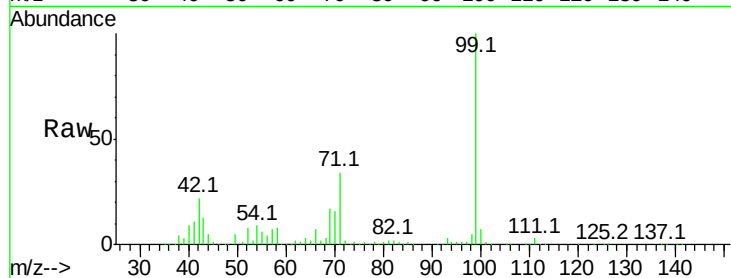
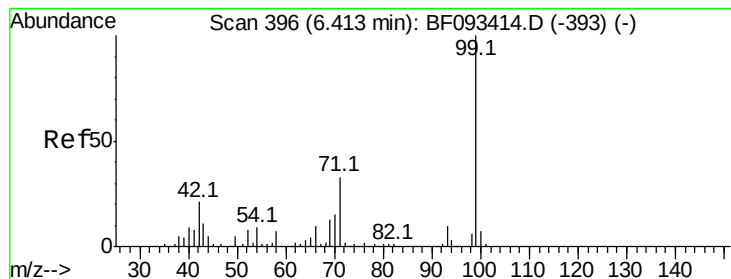


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.61 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampled :

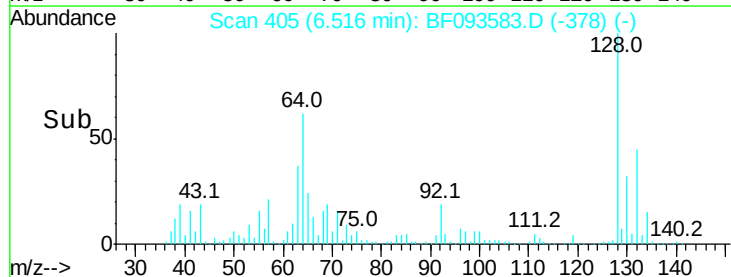
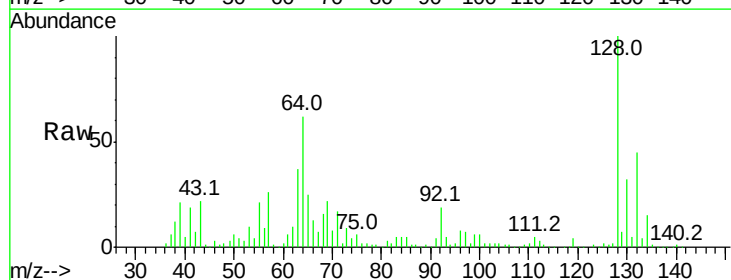
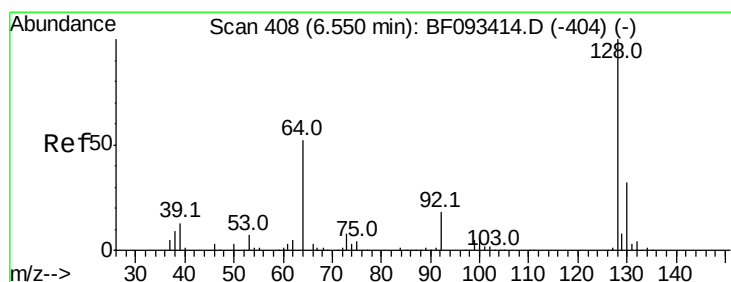
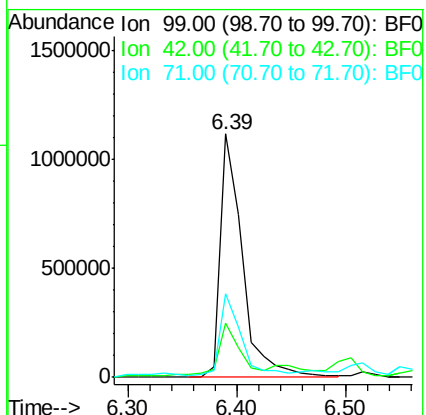
Tot Ion: 99 Resp: 1583094

Ion Ratio Lower Upper

99 100

42 22.0 15.6 23.4

71 34.1 27.5 41.3



#8

2-Chlorophenol

Concen: 41.04 ng

RT: 6.52 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

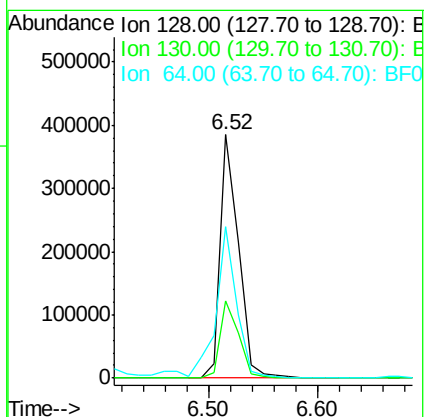
Tgt Ion:128 Resp: 452350

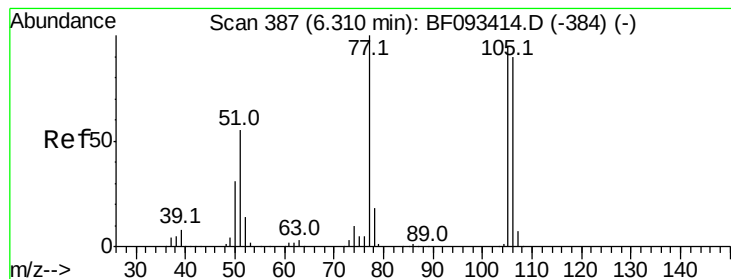
Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

64 62.1 32.2 72.2





#9

Benzaldehyde

Concen: 9.59 ng

RT: 6.28 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

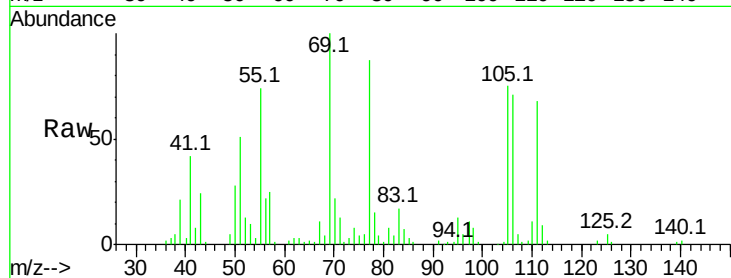
Tot Ion: 77 Resp: 98013

Ion Ratio Lower Upper

77 100

105 87.2 83.9 123.9

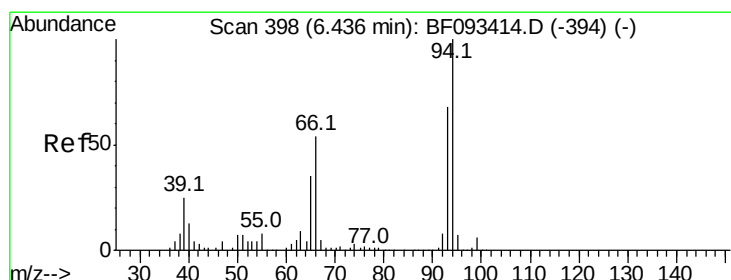
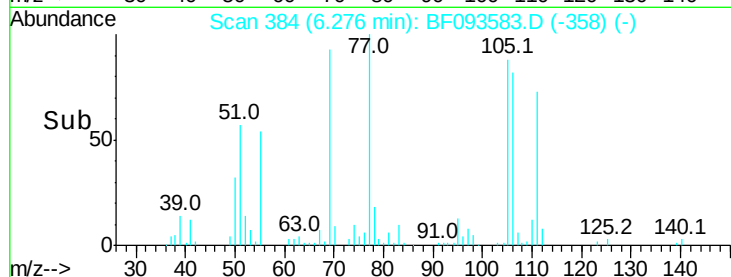
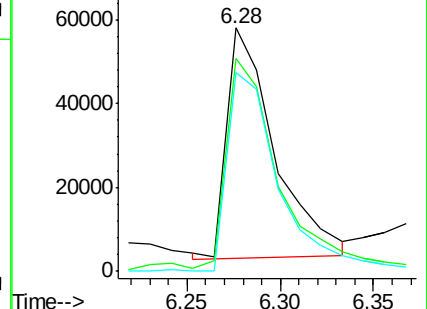
106 81.6 77.6 117.6



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: 49.05 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

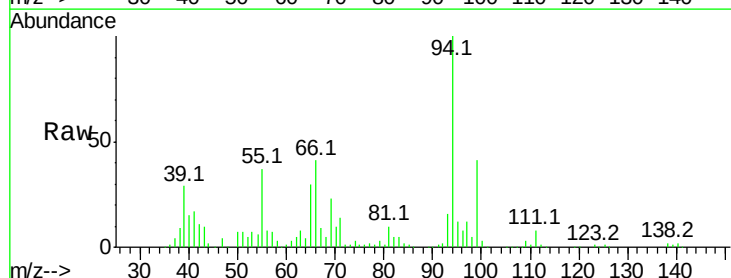
Tgt Ion: 94 Resp: 745627

Ion Ratio Lower Upper

94 100

65 30.3 21.4 61.4

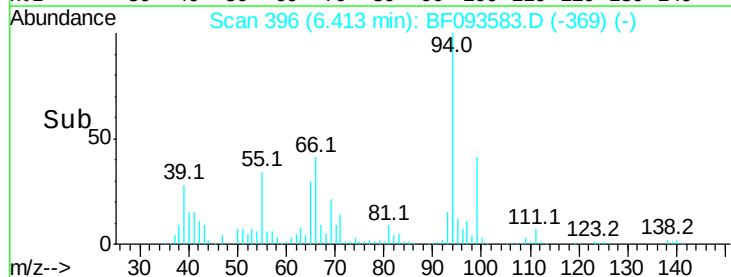
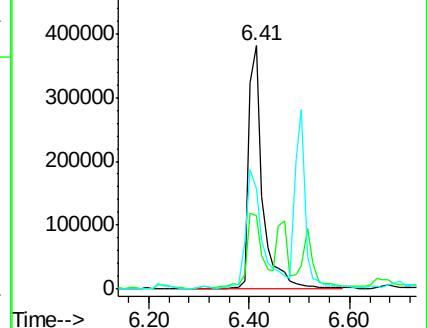
66 41.1 44.0 84.0#

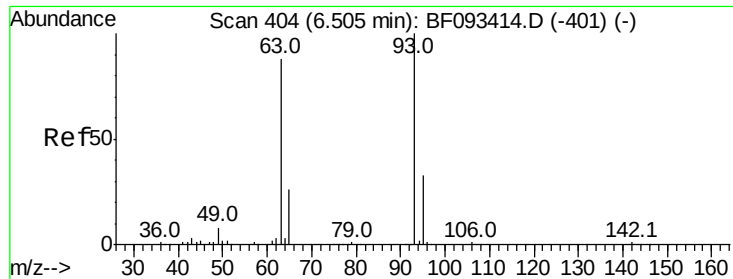


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

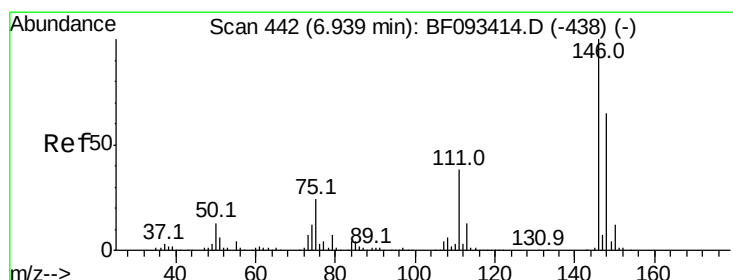
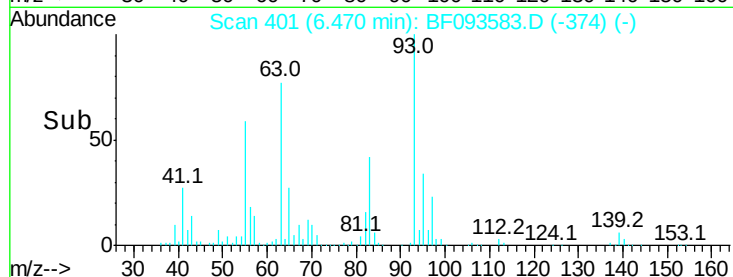
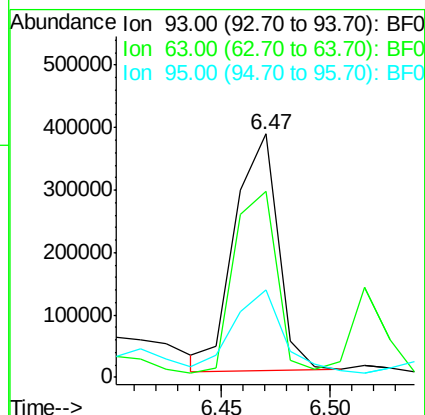
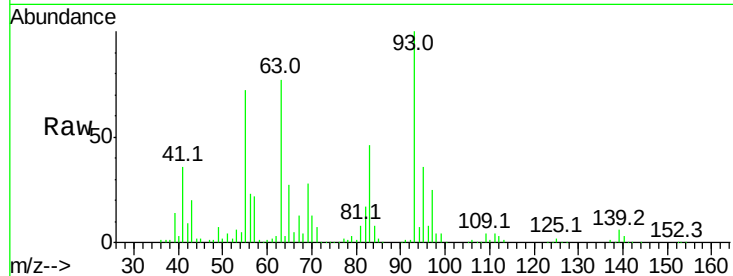




#11
bis(2-Chloroethyl)ether
Concen: 42.51 ng
RT: 6.47 min Scan# 401
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

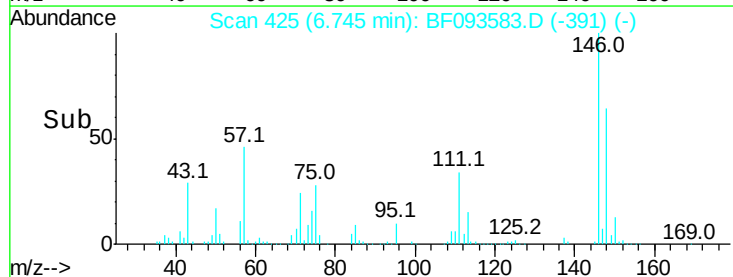
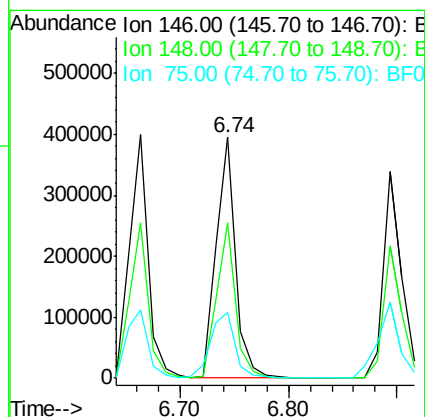
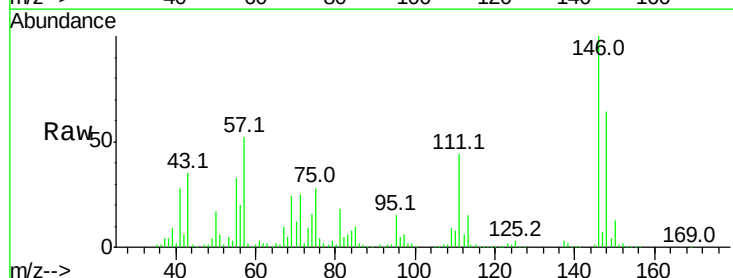
Instrument :
BNA_F
ClientSampled :

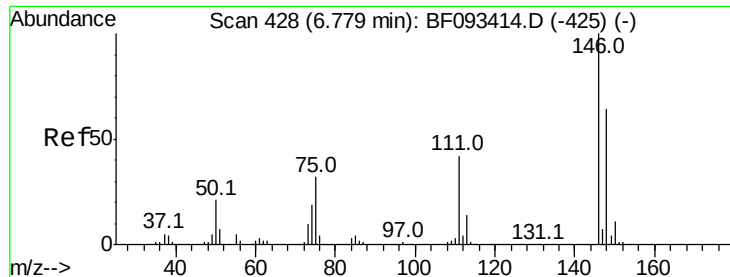
Tot Ion: 93 Resp: 522317
Ion Ratio Lower Upper
93 100
63 76.5 60.4 100.4
95 36.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.22 ng
RT: 6.74 min Scan# 425
Delta R.T. 0.09 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion: 146 Resp: 494788
Ion Ratio Lower Upper
146 100
148 64.3 53.4 80.0
75 27.5 18.5 27.7

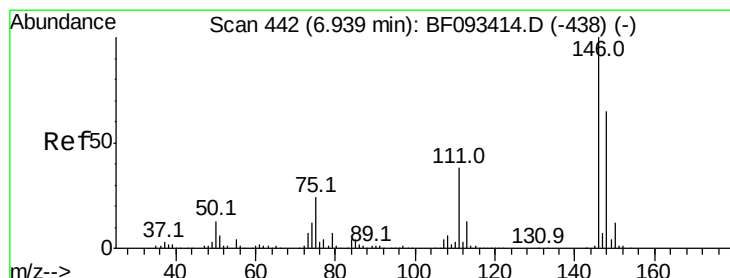
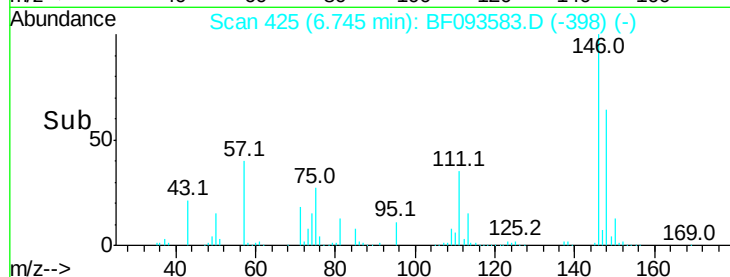
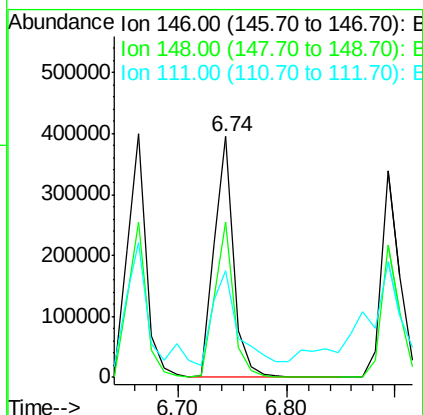
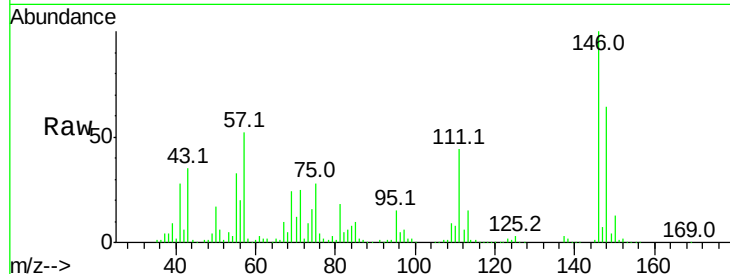




#13
 1,4-Dichlorobenzene
 Concen: 38.31 ng
 RT: 6.74 min Scan# 425
 Delta R.T. 0.01 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

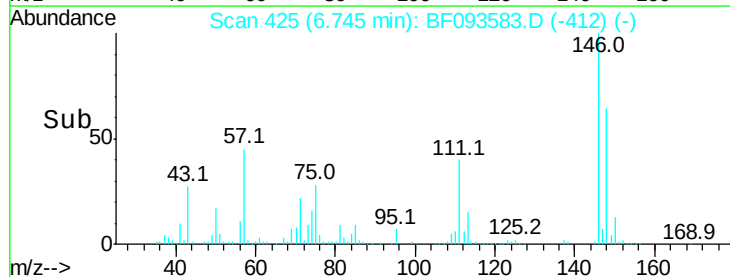
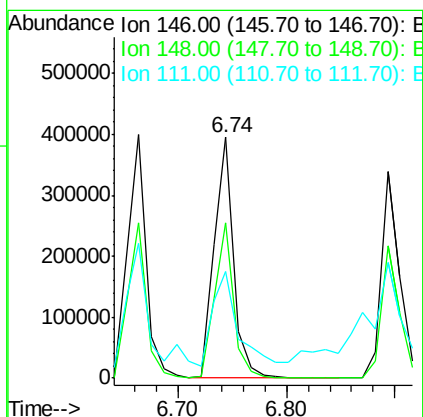
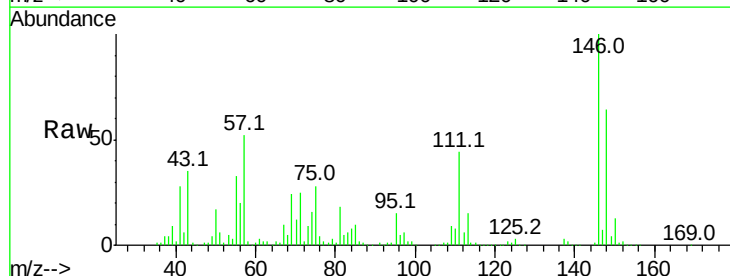
Instrument :
 BNA_F
 ClientSampled :

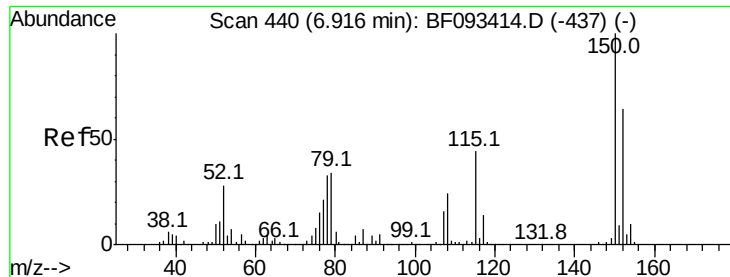
Tot Ion:146 Resp: 494788
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 76.0
 111 44.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 43.26 ng
 RT: 6.74 min Scan# 425
 Delta R.T. -0.15 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion:146 Resp: 494788
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 44.1 36.2 54.2





#15

Benzyl Alcohol

Concen: 38.07 ng

RT: 6.89 min Scan# 438

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampled :

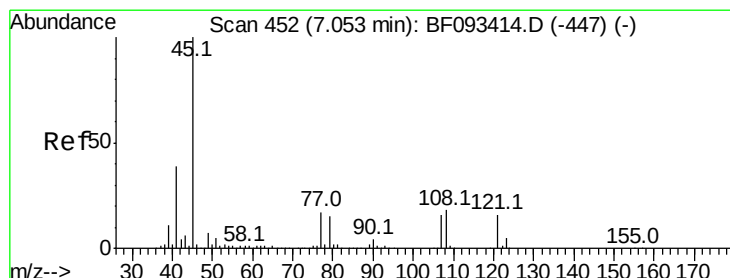
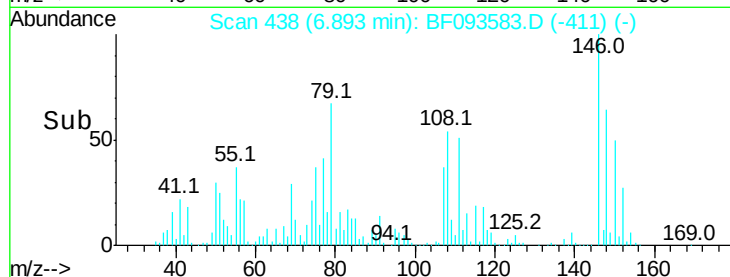
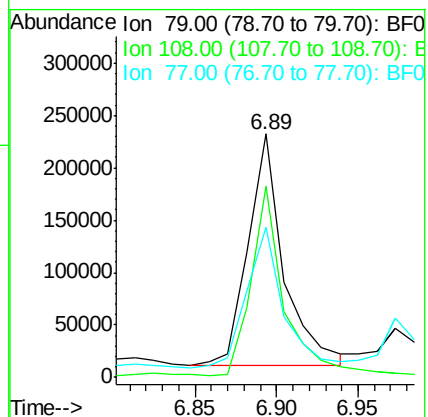
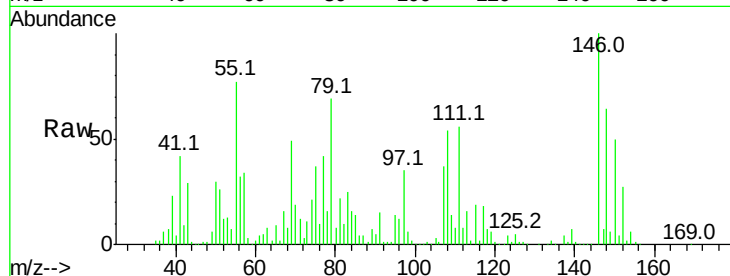
Tot Ion: 79 Resp: 336655

Ion Ratio Lower Upper

79 100

108 78.8 61.4 92.0

77 61.5 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.33 ng

RT: 7.01 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

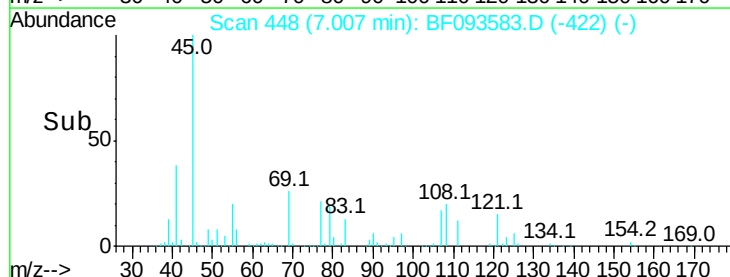
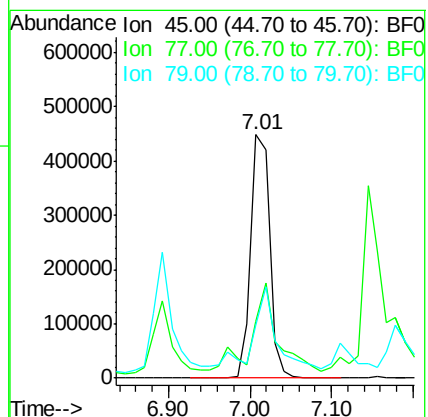
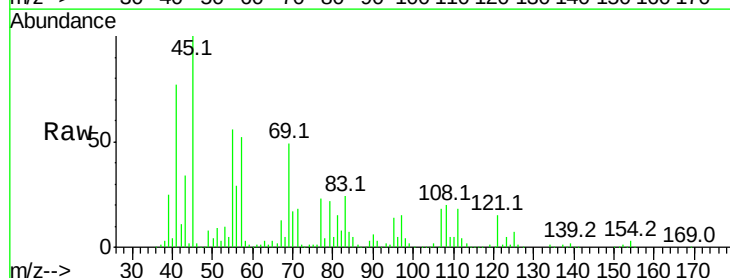
Tgt Ion: 45 Resp: 721000

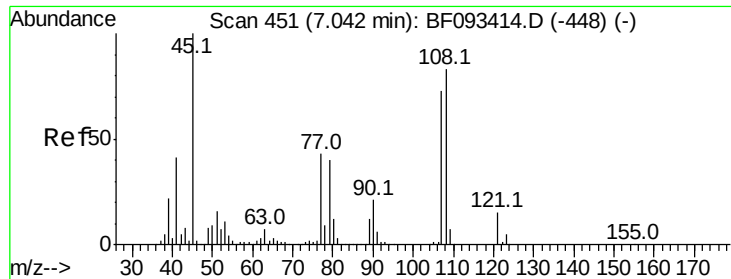
Ion Ratio Lower Upper

45 100

77 23.3 0.0 34.6

79 21.9 0.0 31.2

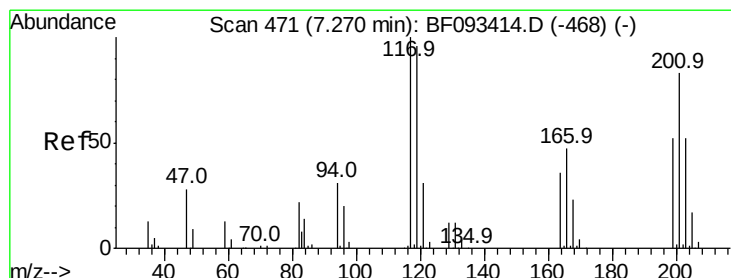
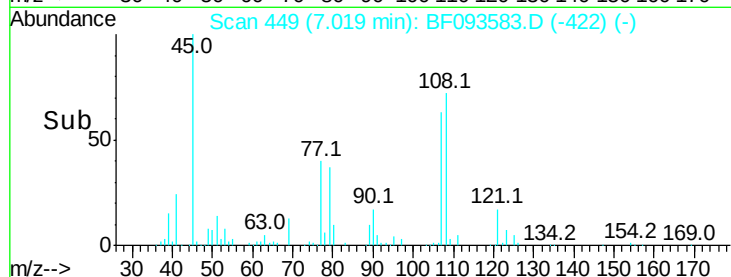
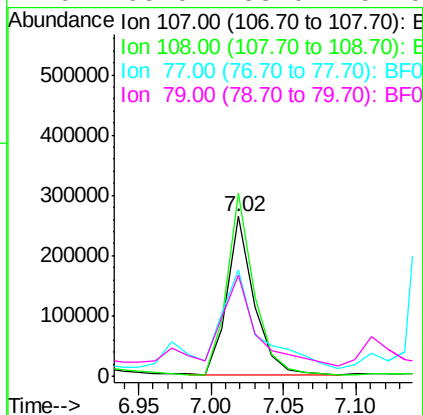
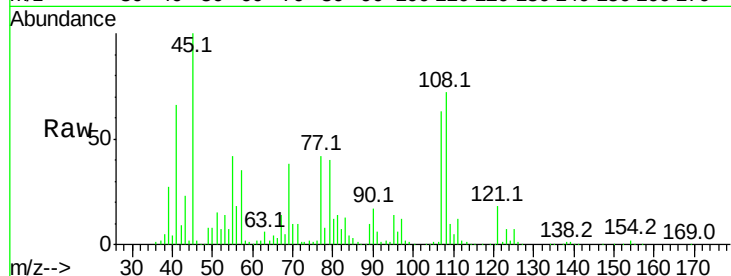




#17
2-Methylphenol
Concen: 36.21 ng
RT: 7.02 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

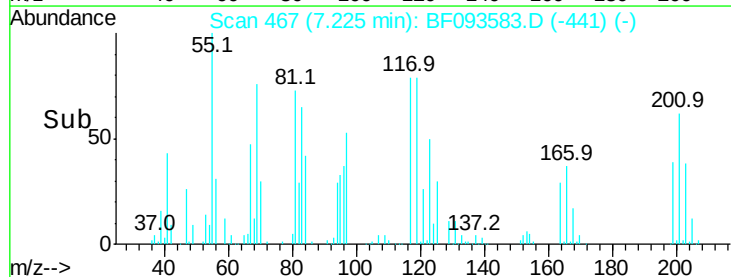
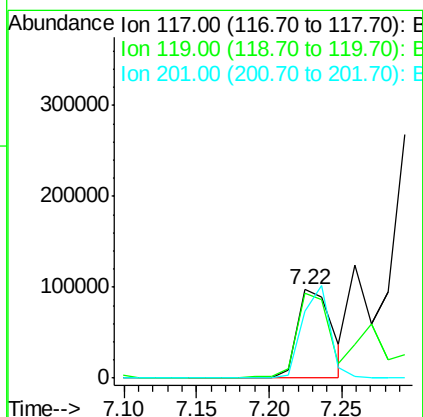
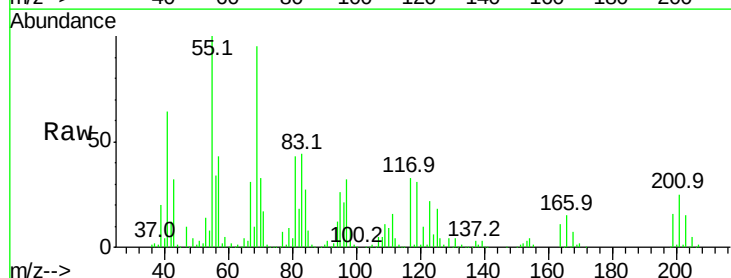
Instrument :
BNA_F
ClientSampled :

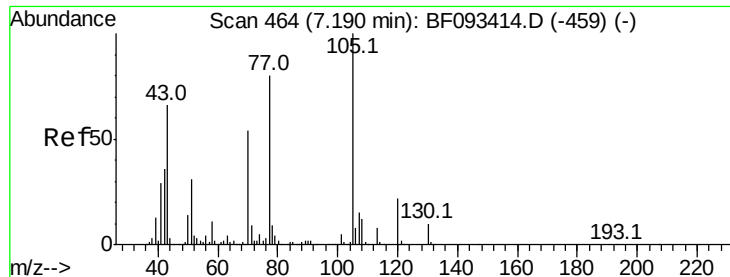
Tot Ion:107 Resp: 337567
Ion Ratio Lower Upper
107 100
108 114.6 93.0 139.6
77 66.1 39.8 59.8#
79 63.0 38.0 57.0#



#18
Hexachloroethane
Concen: 36.93 ng
RT: 7.22 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion:117 Resp: 160886
Ion Ratio Lower Upper
117 100
119 96.2 78.1 117.1
201 75.5 78.6 117.8#

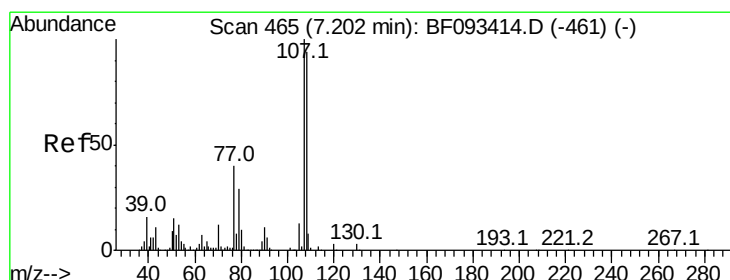
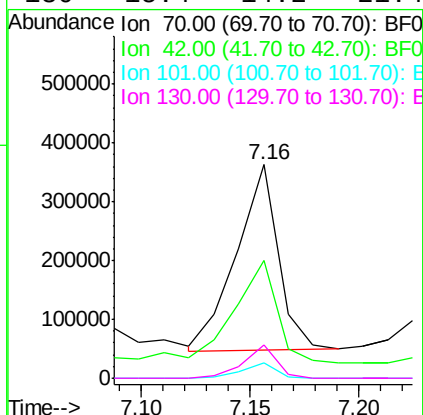
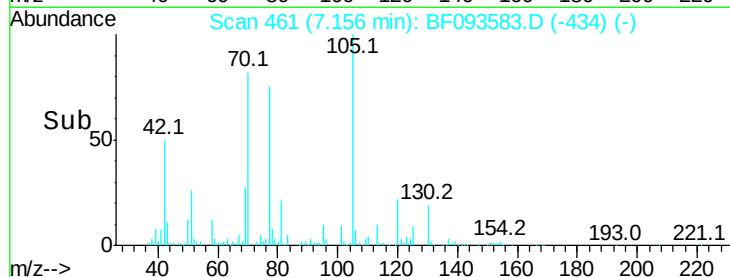
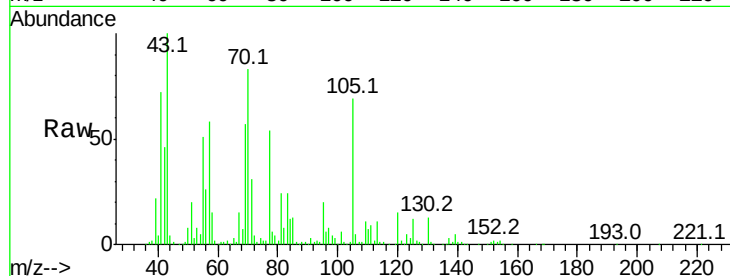




#19
n-Nitroso-di-n-propylamine
Concen: 49.78 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

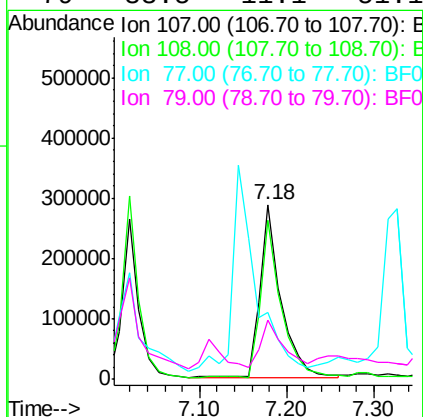
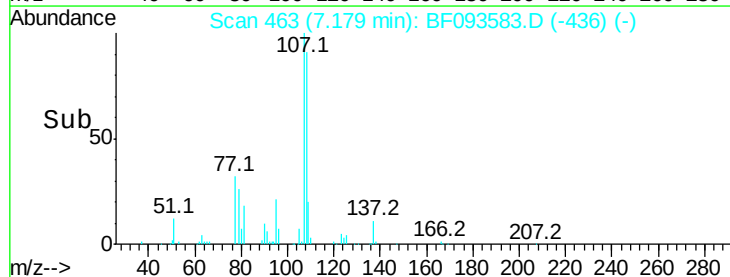
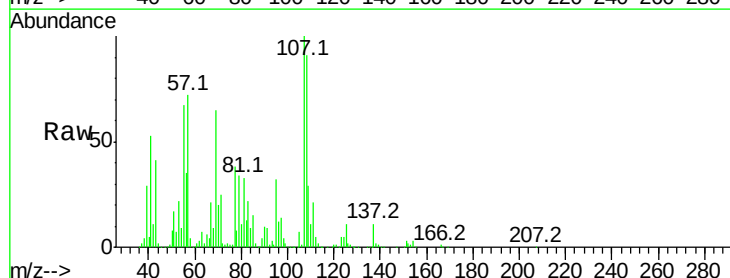
Instrument :
BNA_F
ClientSampled :

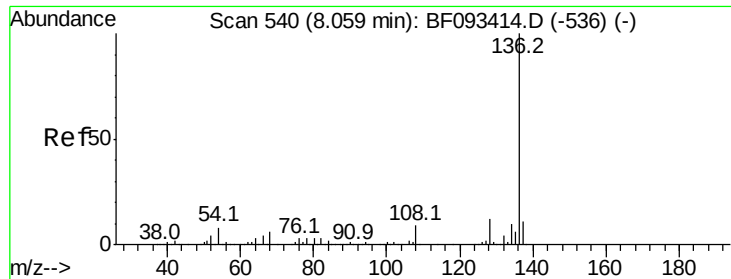
Tot Ion: 70 Resp: 424569
Ion Ratio Lower Upper
70 100
42 55.0 49.4 74.0
101 7.2 7.4 11.2#
130 15.4 14.2 21.4



#20
3+4-Methylphenols
Concen: 39.79 ng
RT: 7.18 min Scan# 463
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion:107 Resp: 481055
Ion Ratio Lower Upper
107 100
108 91.1 73.0 113.0
77 38.4 71.3 111.3#
79 33.5 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 321234

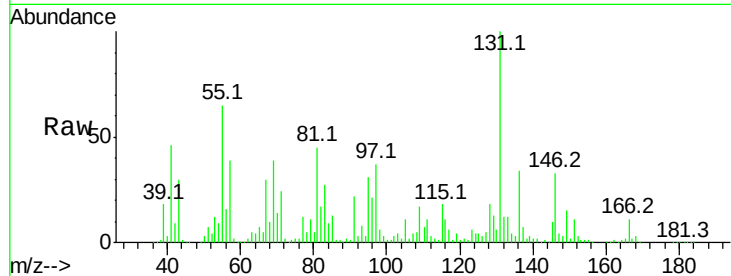
Ion Ratio Lower Upper

136 100

137 19.8 8.4 12.6#

54 27.6 4.5 6.7#

68 30.2 3.6 5.4#

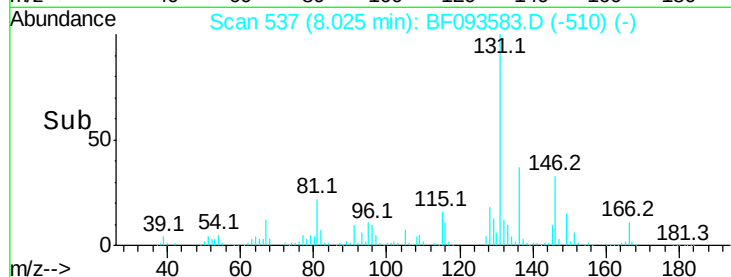


Abundance Ion 136.00 (135.70 to 136.70): E

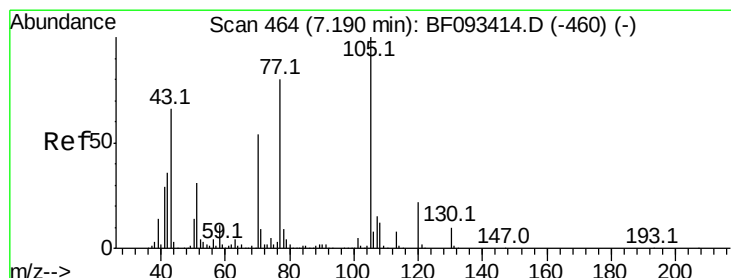
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 74.78 ng

RT: 7.14 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion:105 Resp: 578097

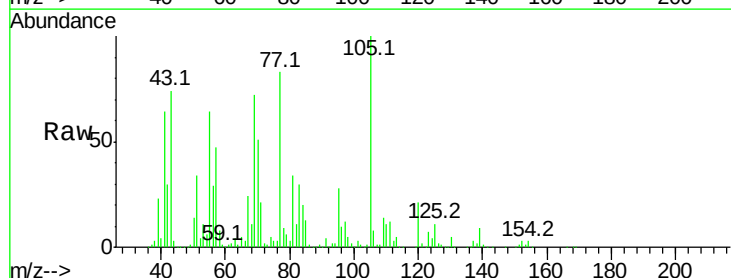
Ion Ratio Lower Upper

105 100

71 20.7 3.2 4.8#

51 33.9 26.2 39.4

120 20.6 16.6 24.8

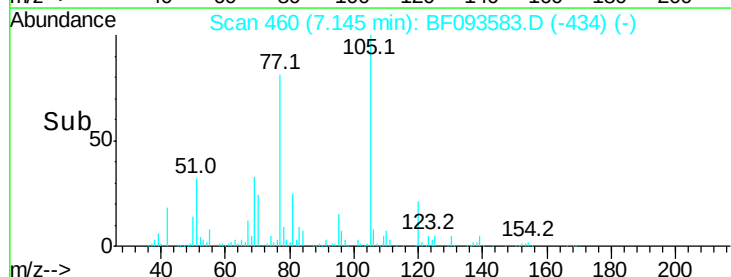


Abundance Ion 105.00 (104.70 to 105.70): E

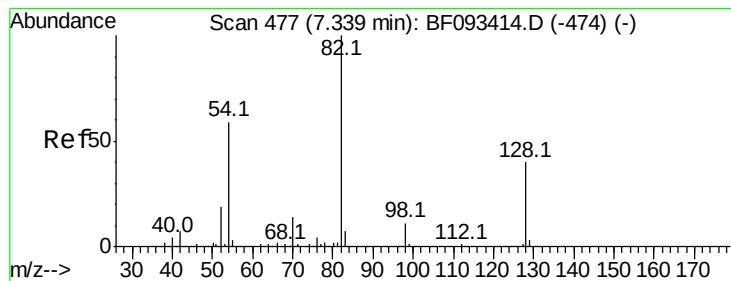
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 142.13 ng

RT: 7.30 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampled :

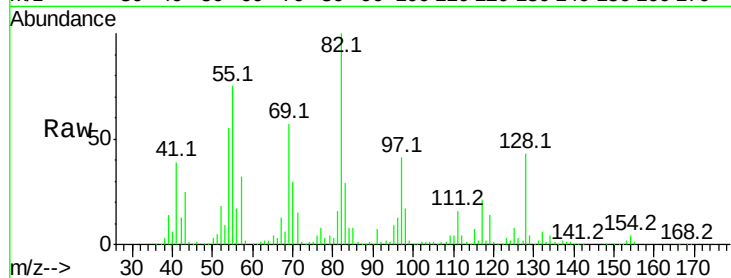
Tot Ion: 82 Resp: 822887

Ion Ratio Lower Upper

82 100

128 42.9 34.6 52.0

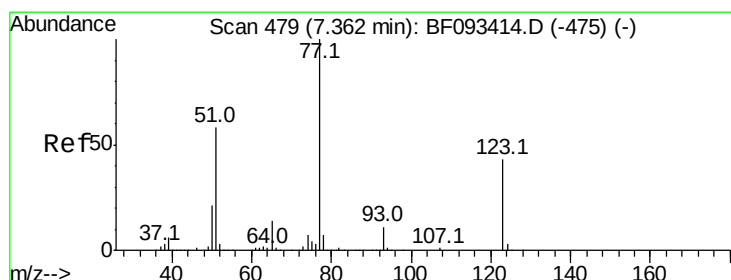
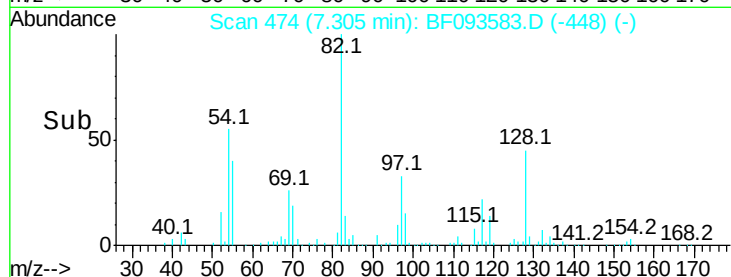
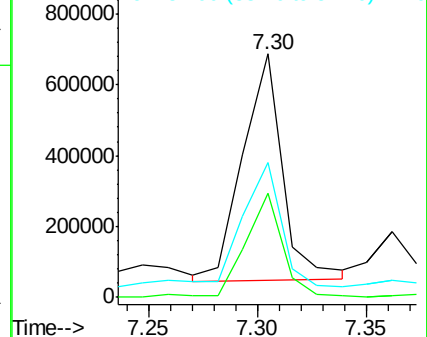
54 55.4 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 61.94 ng

RT: 7.33 min Scan# 476

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

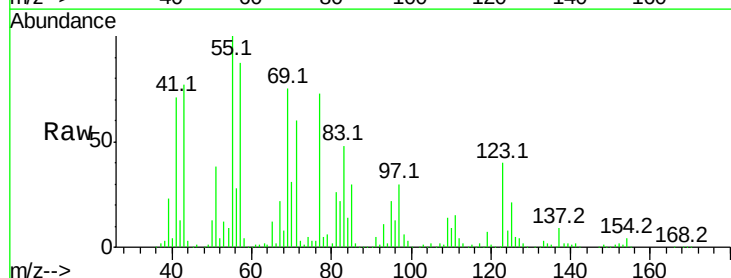
Tgt Ion: 77 Resp: 403071

Ion Ratio Lower Upper

77 100

123 54.4 33.0 49.4#

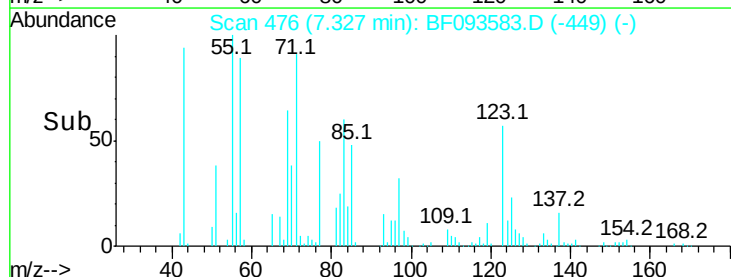
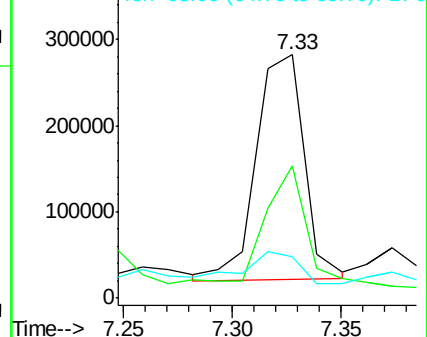
65 17.1 11.2 16.8#

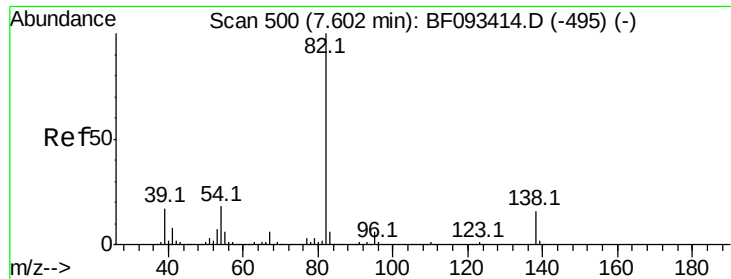


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 87.39 ng

RT: 7.57 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

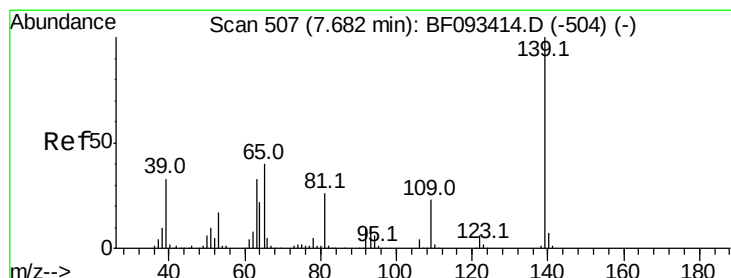
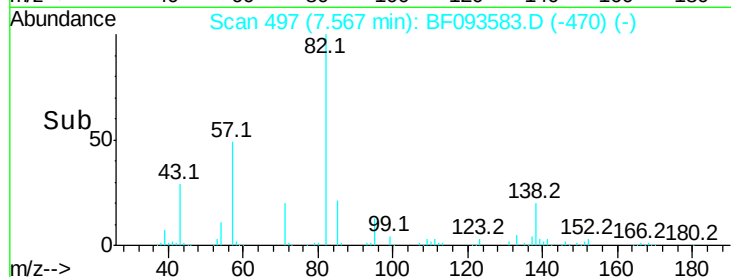
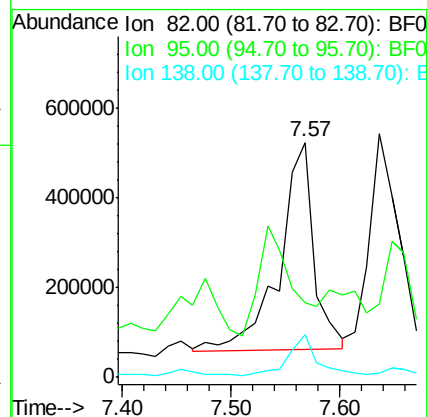
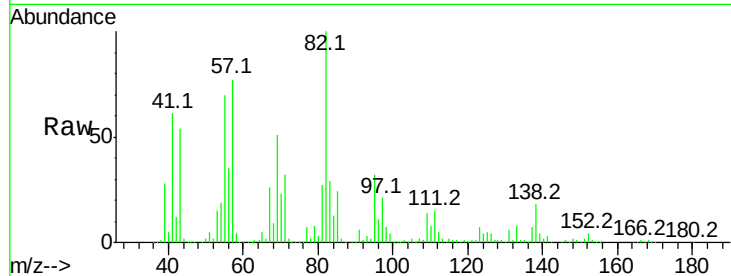
Tot Ion: 82 Resp: 1020277

Ion Ratio Lower Upper

82 100

95 31.7 5.6 8.4#

138 18.2 14.6 22.0



#26

2-Nitrophenol

Concen: 67.33 ng

RT: 7.65 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

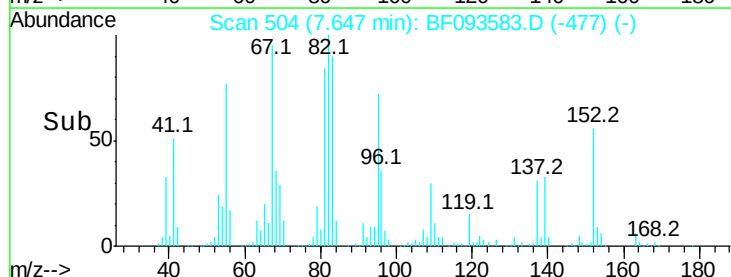
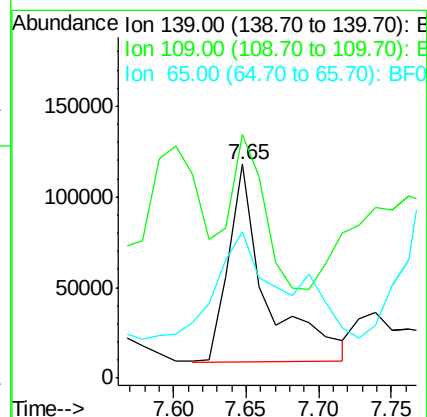
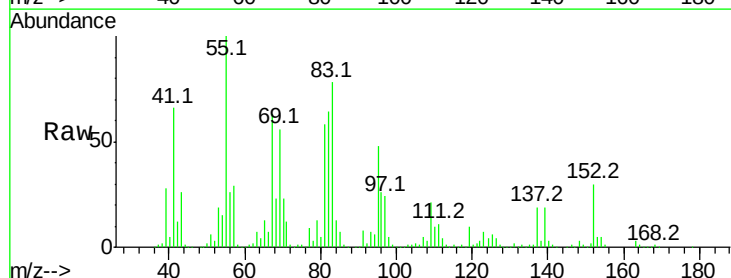
Tgt Ion:139 Resp: 199878

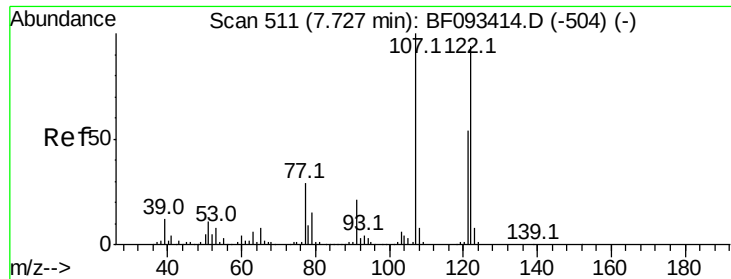
Ion Ratio Lower Upper

139 100

109 113.7 23.3 34.9#

65 68.6 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 72.36 ng

RT: 7.69 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

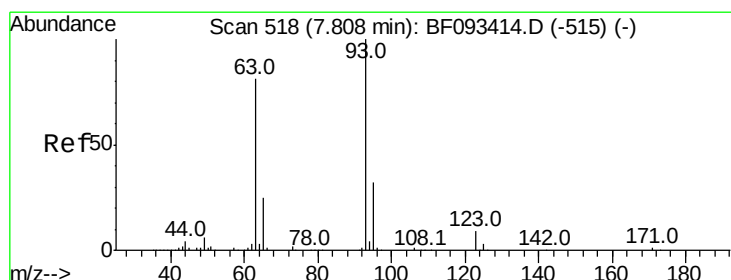
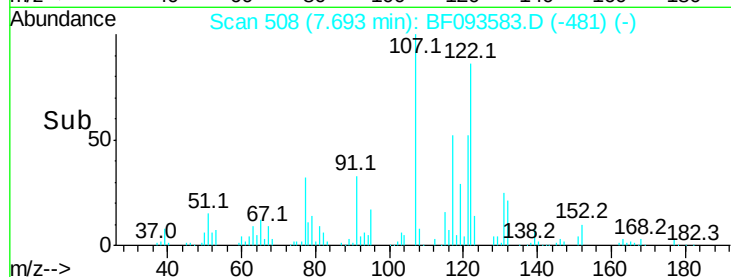
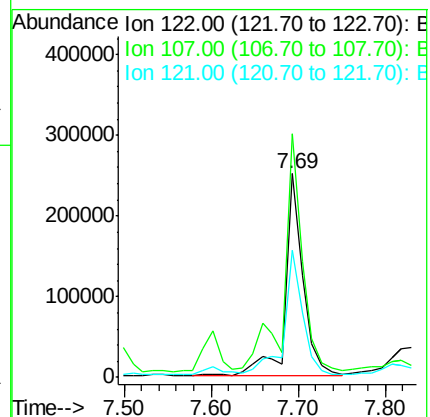
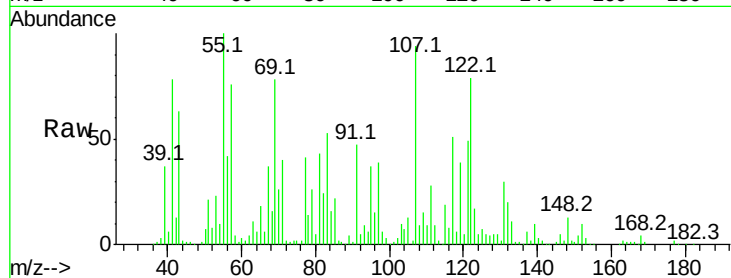
Tot Ion:122 Resp: 349469

Ion Ratio Lower Upper

122 100

107 119.4 94.1 141.1

121 62.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 65.53 ng

RT: 7.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

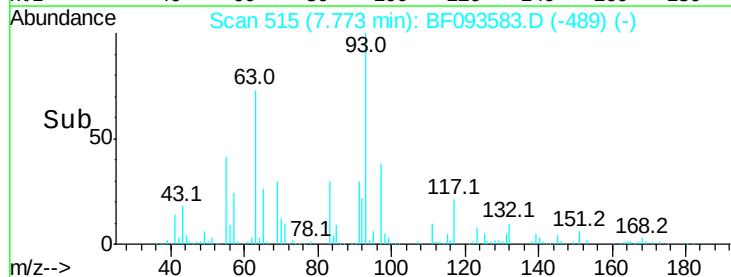
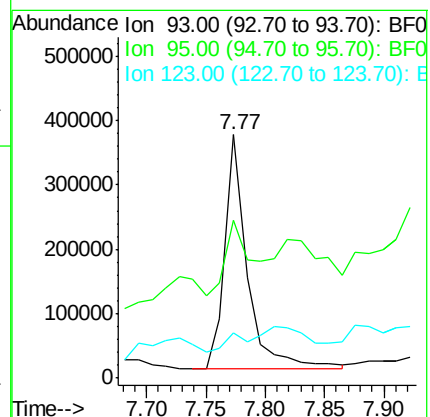
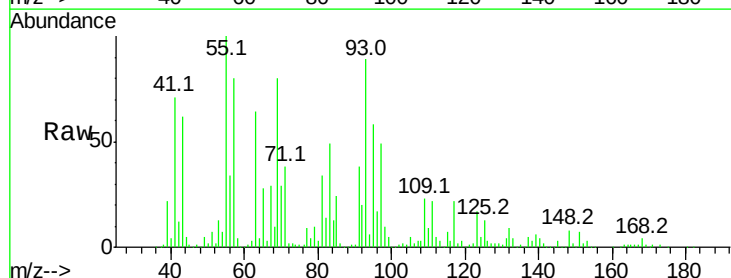
Tgt Ion: 93 Resp: 482968

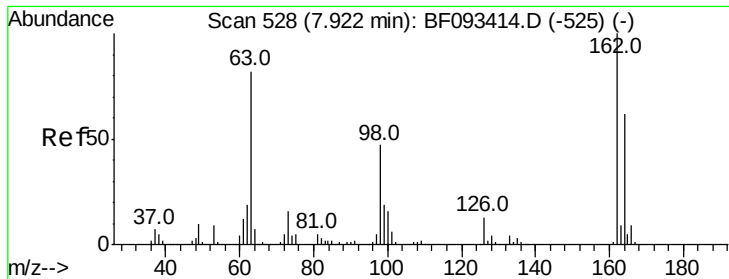
Ion Ratio Lower Upper

93 100

95 64.7 26.5 39.7#

123 18.6 8.6 13.0#





#29

2,4-Dichlorophenol

Concen: 111.52 ng

RT: 7.91 min Scan# 527

Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampled :

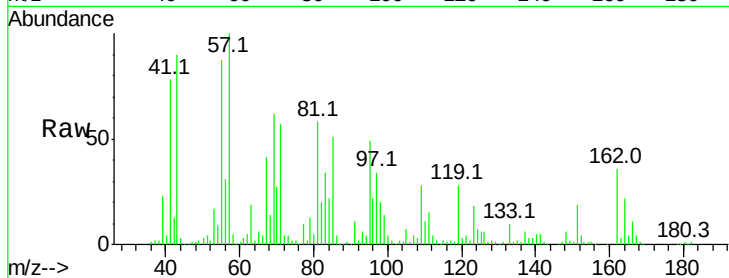
Tot Ion:162 Resp: 506673

Ion Ratio Lower Upper

162 100

164 61.6 46.8 86.8

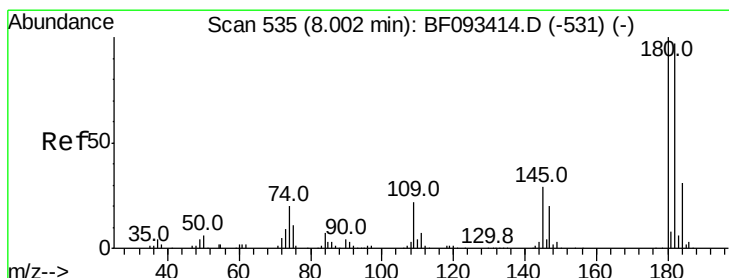
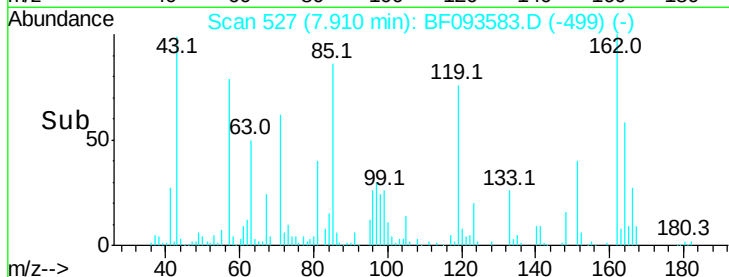
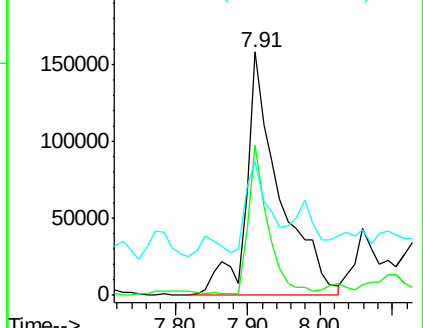
98 54.7 9.1 49.1#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 53.46 ng

RT: 7.97 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

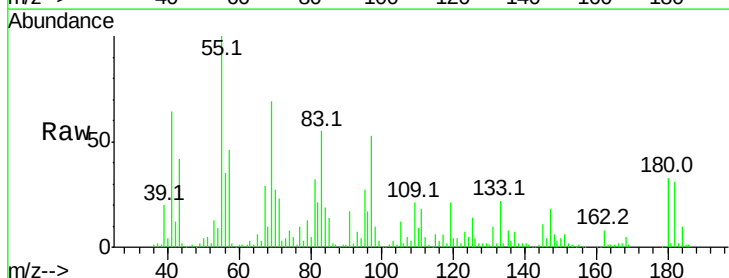
Tgt Ion:180 Resp: 258314

Ion Ratio Lower Upper

180 100

182 95.5 78.2 117.4

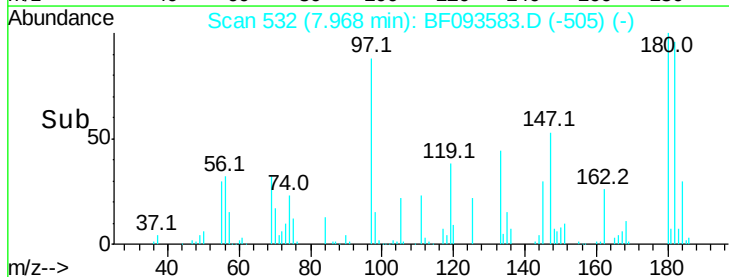
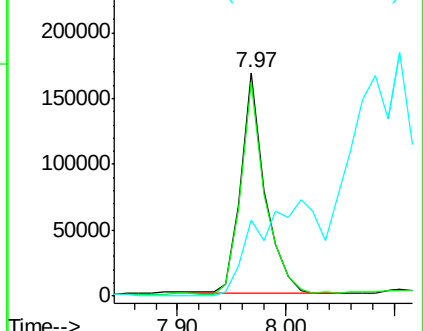
145 33.9 21.6 32.4#

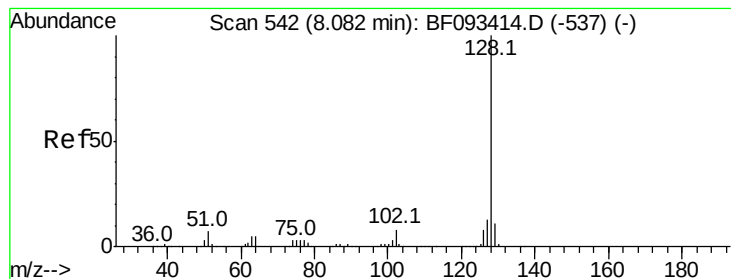


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 70.09 ng

RT: 8.05 min Scan# 539

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

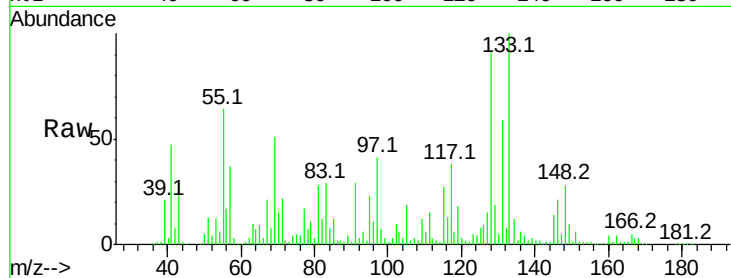
Tot Ion:128 Resp: 1128289

Ion Ratio Lower Upper

128 100

129 20.6 9.5 14.3#

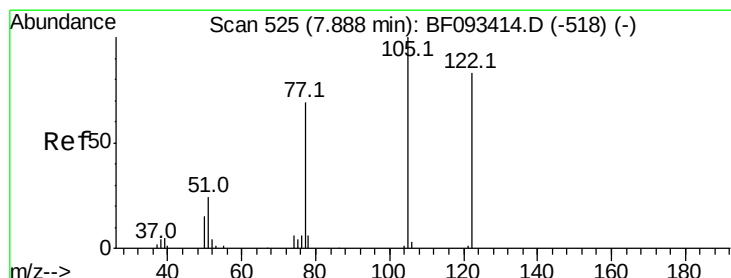
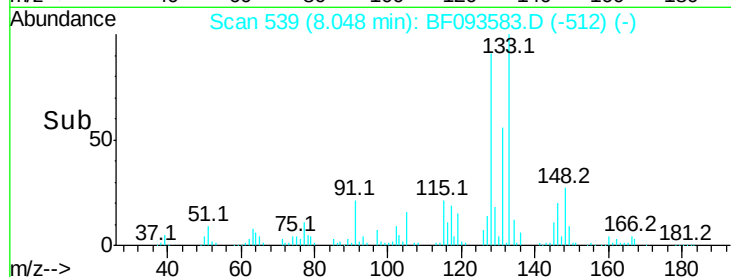
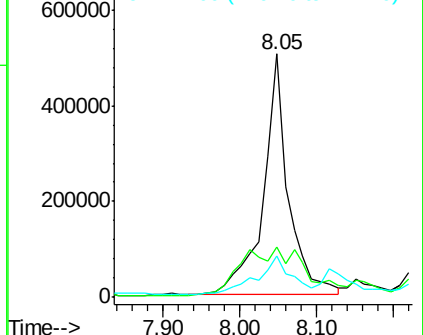
127 16.9 10.8 16.2#



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: 50.21 ng

RT: 7.83 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

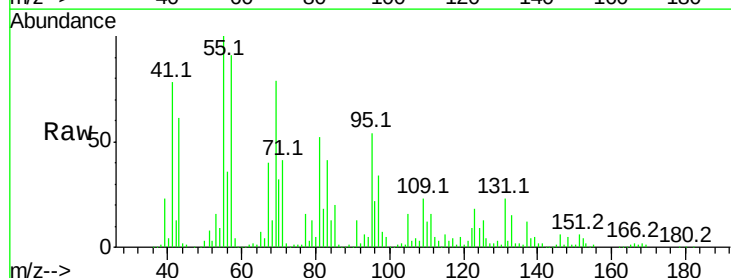
Tgt Ion:122 Resp: 125997

Ion Ratio Lower Upper

122 100

105 176.7 107.2 147.2#

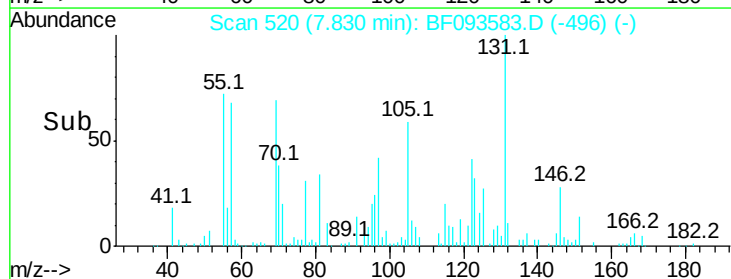
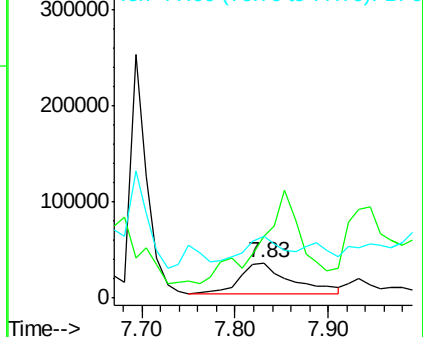
77 176.6 74.5 114.5#

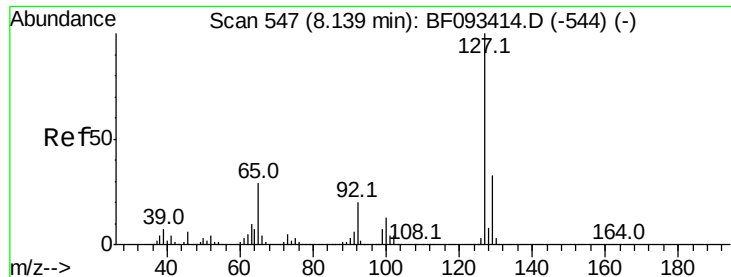


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

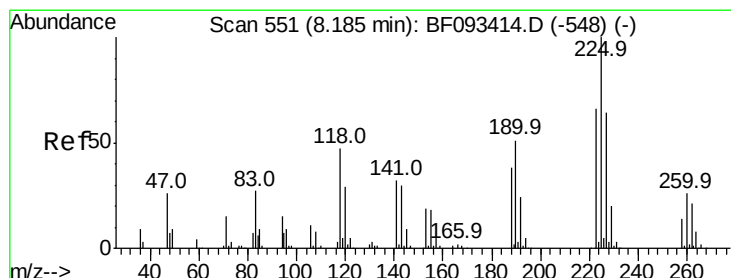
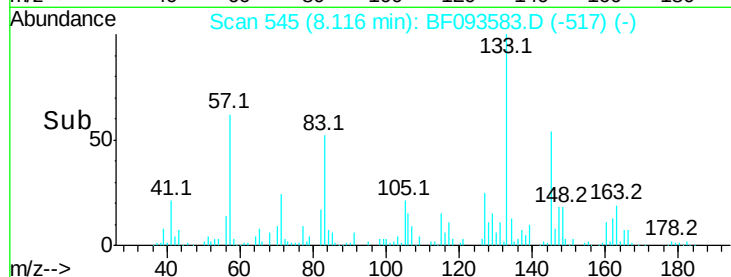
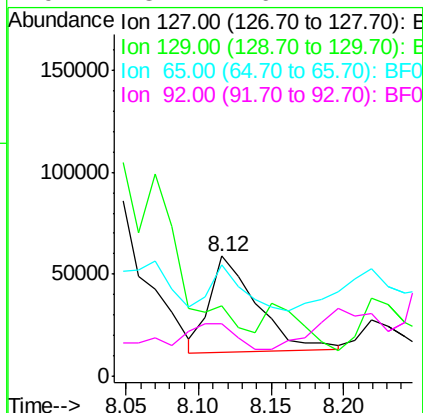
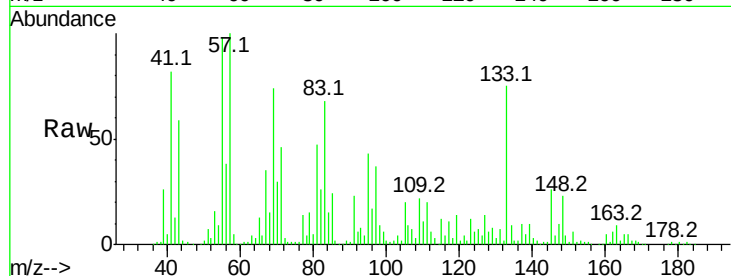




#33
4-Chloroaniline
Concen: 16.21 ng
RT: 8.12 min Scan# 545
Delta R.T. 0.02 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

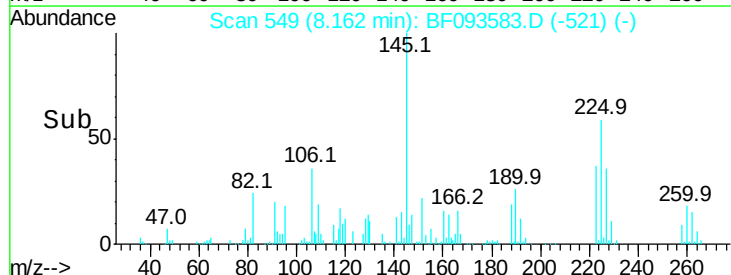
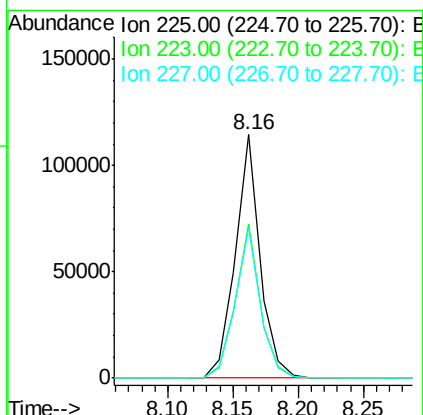
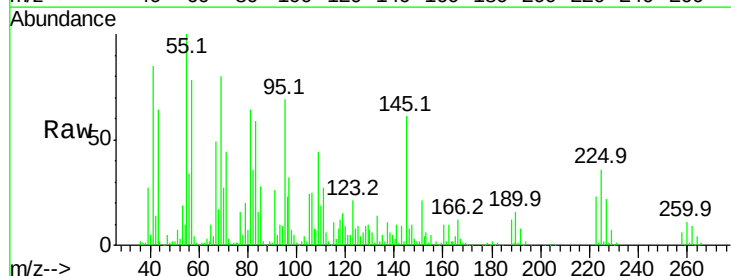
Instrument :
BNA_F
ClientSampled :

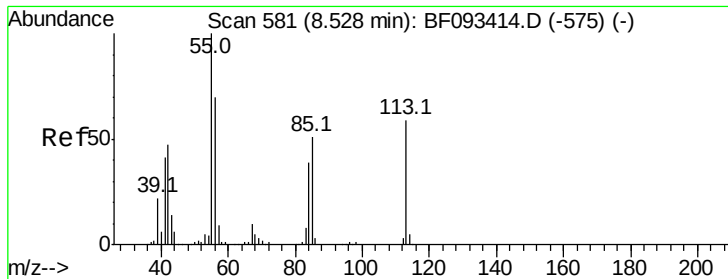
Tot Ion:127 Resp: 105890
Ion Ratio Lower Upper
127 100
129 58.7 26.3 39.5#
65 92.8 25.8 38.8#
92 43.4 16.1 24.1#



#34
Hexachlorobutadiene
Concen: 60.36 ng
RT: 8.16 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion:225 Resp: 150219
Ion Ratio Lower Upper
225 100
223 63.1 51.0 76.6
227 61.6 50.6 76.0

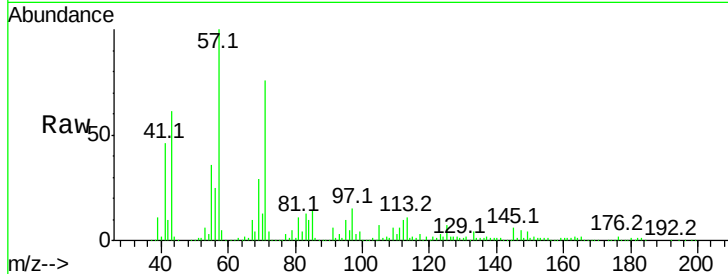




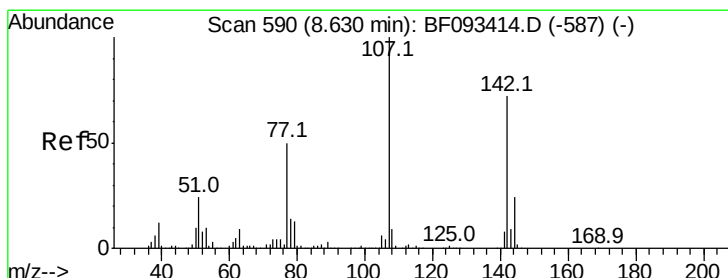
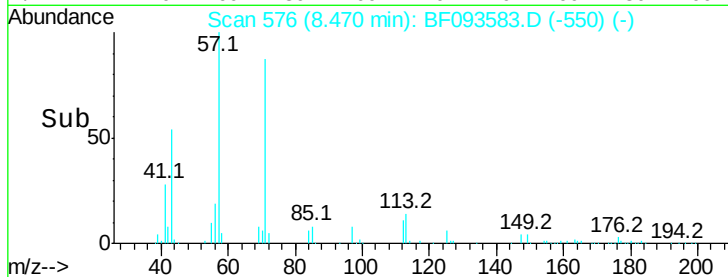
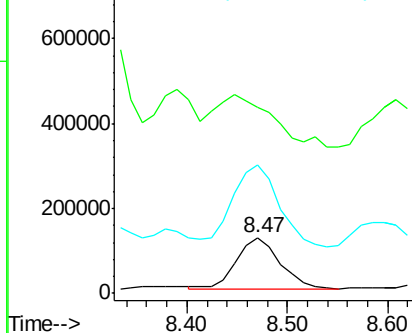
#35
 Caprolactam
 Concen: 229.68 ng
 RT: 8.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 356383
 Ion Ratio Lower Upper
 113 100
 55 335.3 119.2 159.2#
 56 230.2 83.8 123.8#

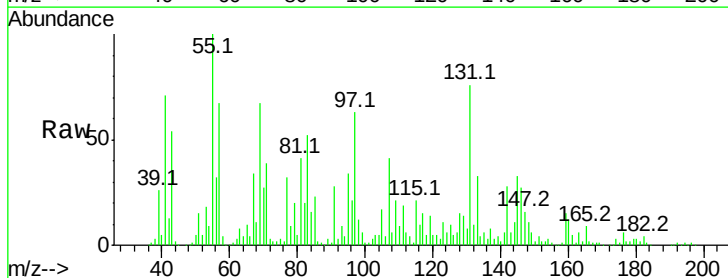


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

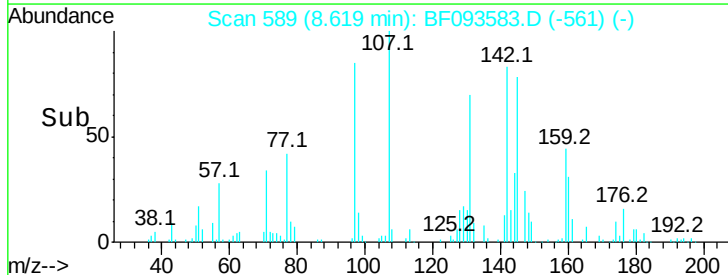
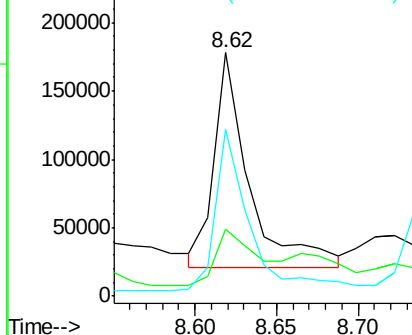


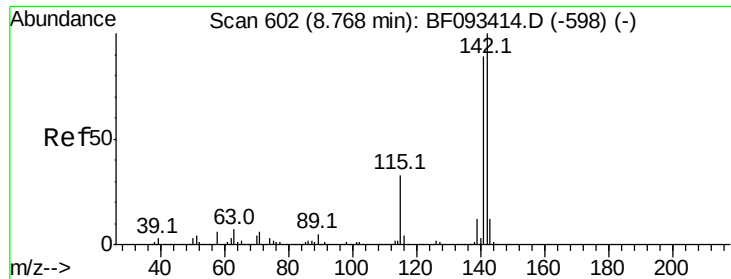
#36
 4-Chloro-3-methylphenol
 Concen: 48.25 ng
 RT: 8.62 min Scan# 589
 Delta R.T. 0.02 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion:107 Resp: 234003
 Ion Ratio Lower Upper
 107 100
 144 27.6 19.3 28.9
 142 68.7 59.0 88.6



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: 48.23 ng

RT: 8.76 min Scan# 601

Delta R.T. 0.03 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

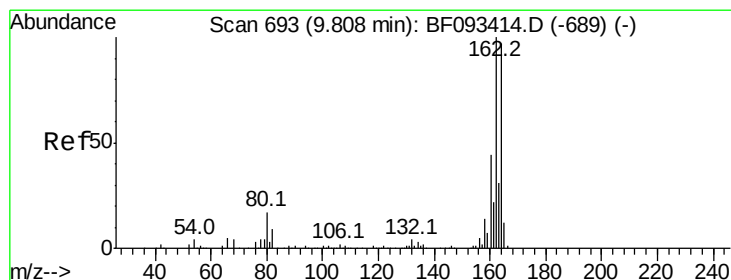
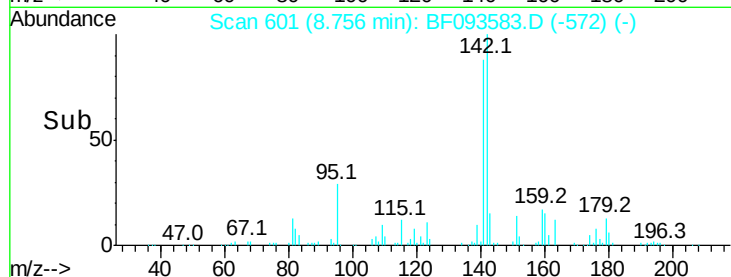
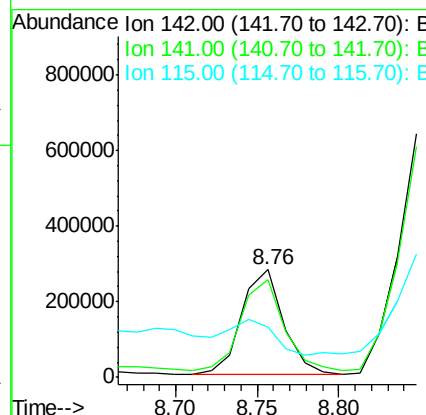
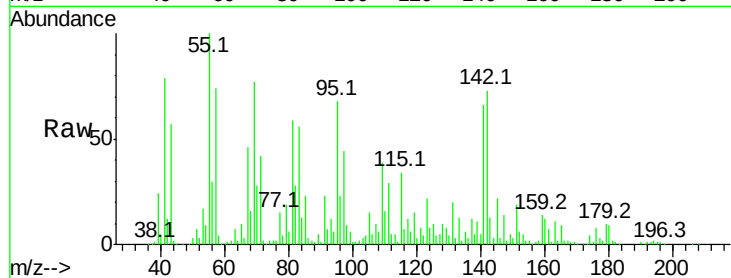
Tot Ion:142 Resp: 494026

Ion Ratio Lower Upper

142 100

141 91.4 71.0 106.6

115 46.6 28.3 42.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 693

Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

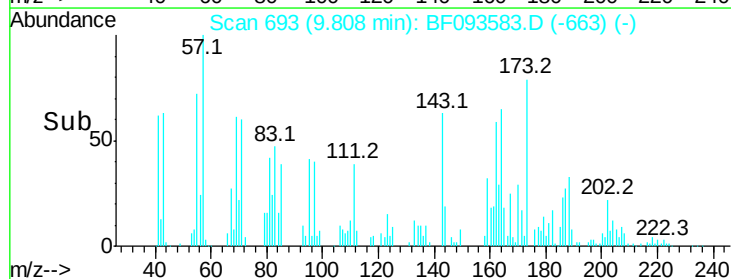
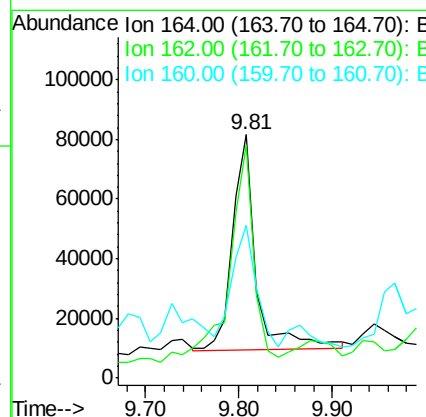
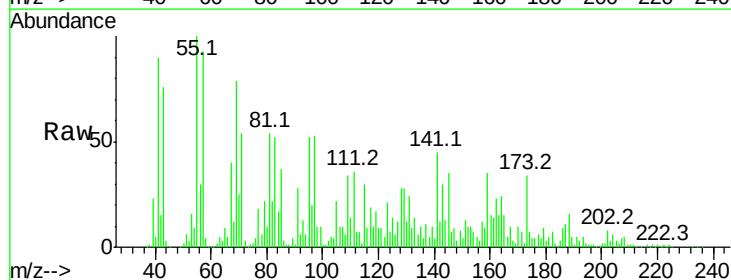
Tgt Ion:164 Resp: 128764

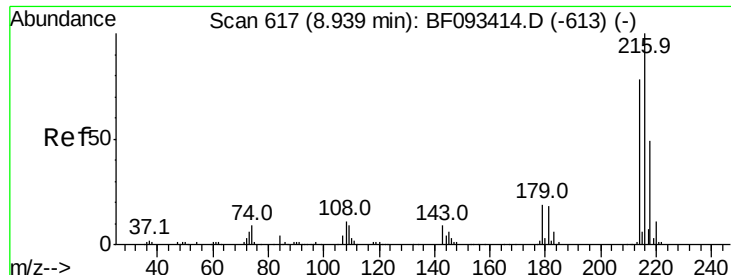
Ion Ratio Lower Upper

164 100

162 95.9 80.2 120.2

160 62.9 36.9 55.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.61 ng

RT: 8.93 min Scan# 616

Delta R.T. 0.03 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 170932

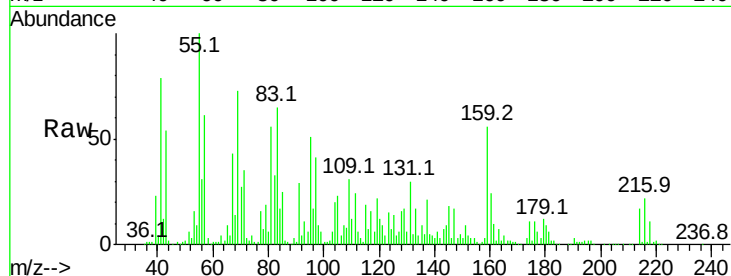
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 41.4 17.4 26.2#

108 35.3 15.6 23.4#

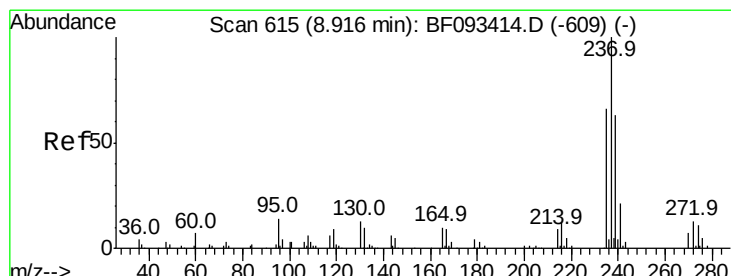
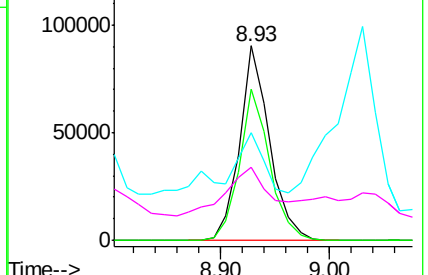
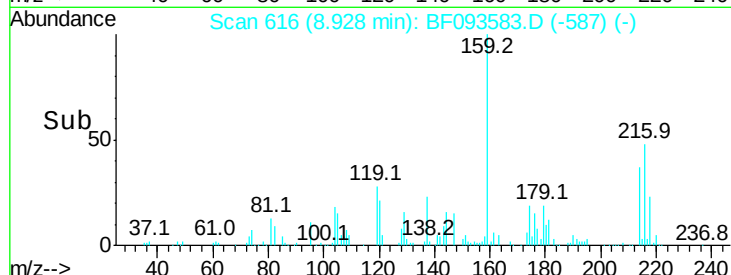


Abundance Ion 216.00 (215.70 to 216.70): E

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: 24.64 ng

RT: 8.90 min Scan# 614

Delta R.T. 0.03 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

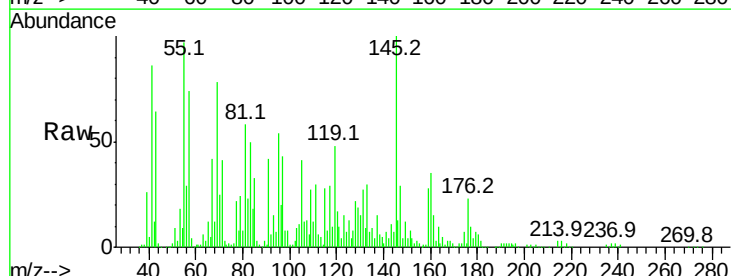
Tgt Ion:237 Resp: 13120

Ion Ratio Lower Upper

237 100

235 59.5 41.2 81.2

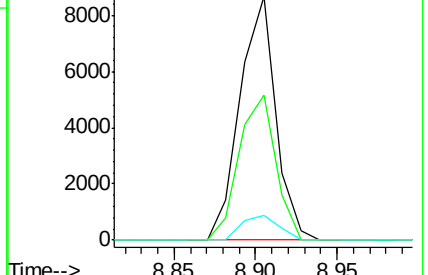
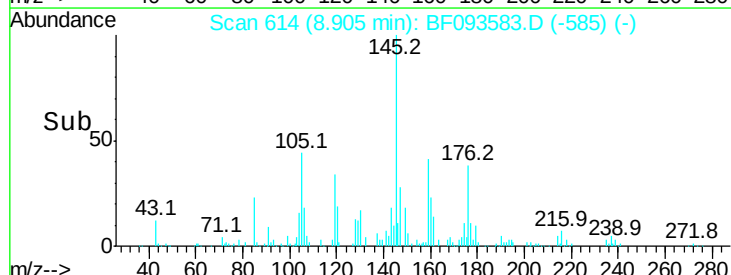
272 10.1 0.0 35.4

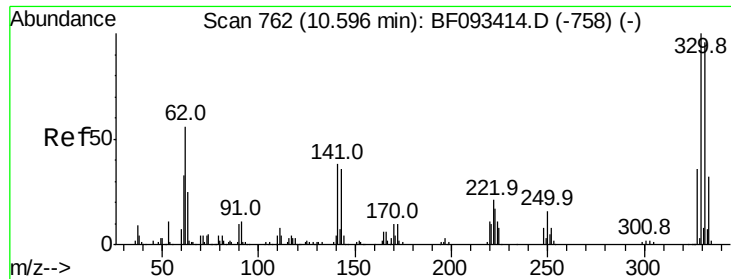


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

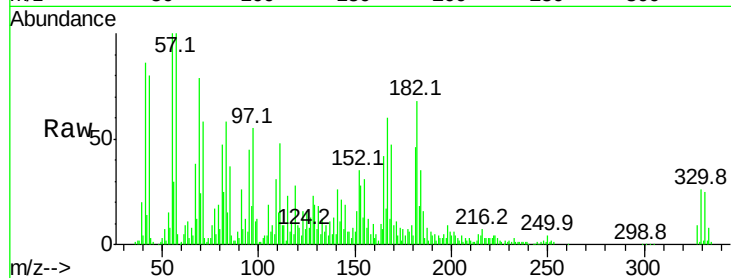




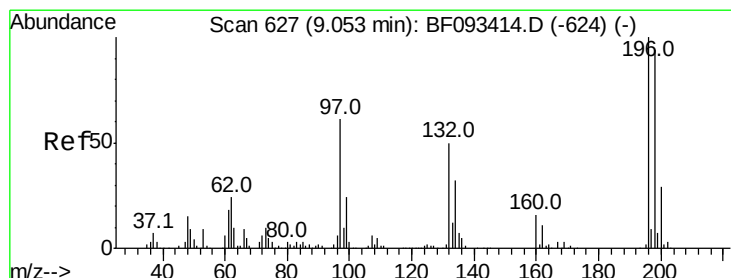
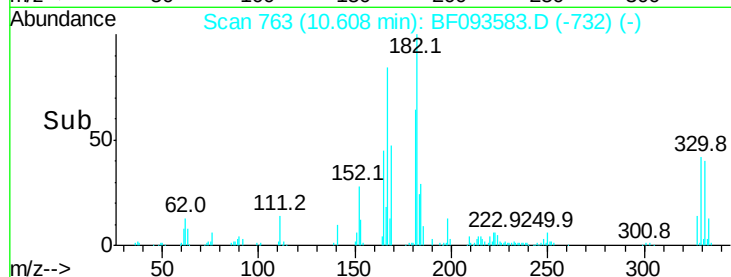
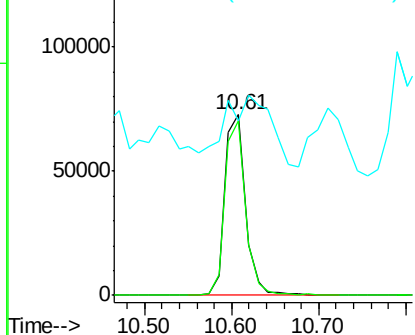
#41
 2,4,6-Tribromophenol
 Concen: 144.42 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.06 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 121157
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 86.4 34.1 51.1#

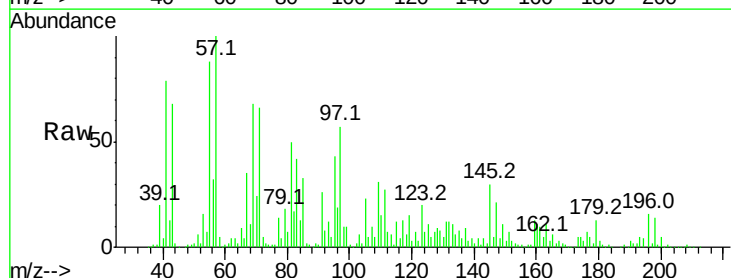


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

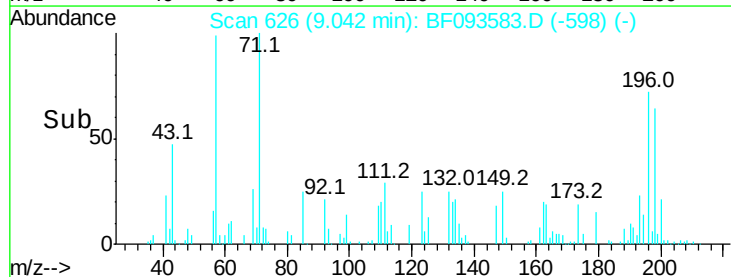
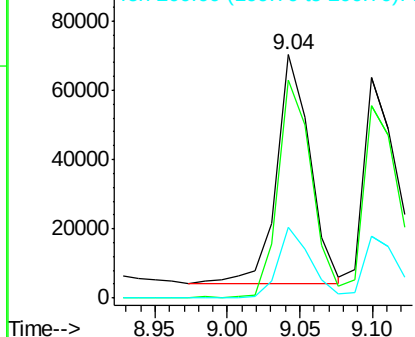


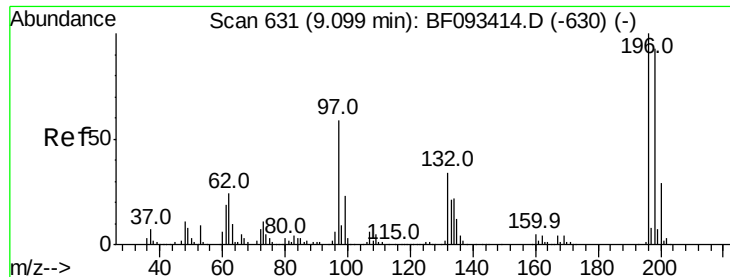
#42
 2,4,6-Trichlorophenol
 Concen: 47.75 ng
 RT: 9.04 min Scan# 626
 Delta R.T. 0.02 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion:196 Resp: 104888
 Ion Ratio Lower Upper
 196 100
 198 89.5 82.1 123.1
 200 29.2 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

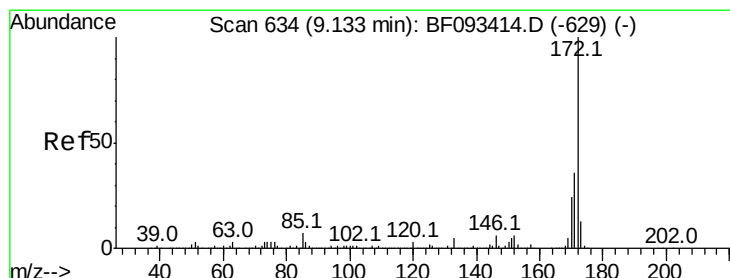
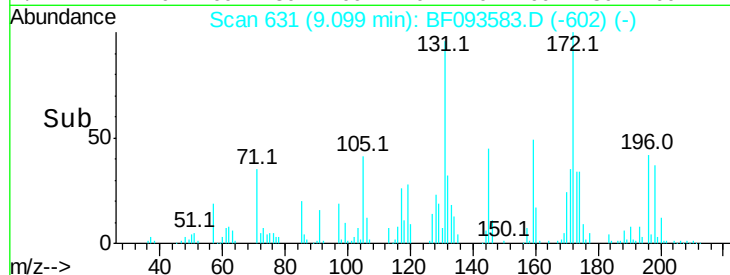
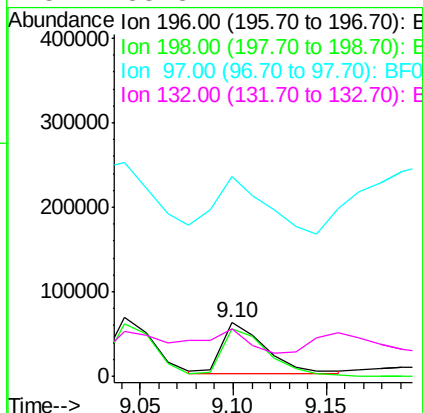
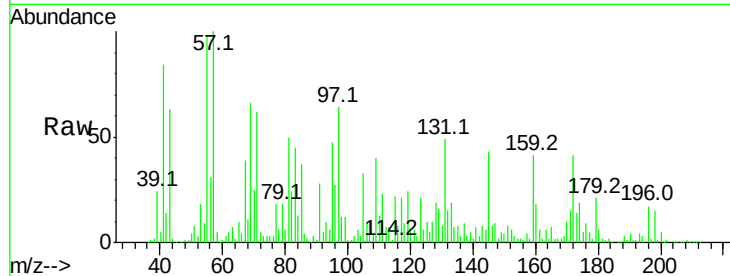




#43
 2,4,5-Trichlorophenol
 Concen: 41.42 ng
 RT: 9.10 min Scan# 631
 Delta R.T. 0.03 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

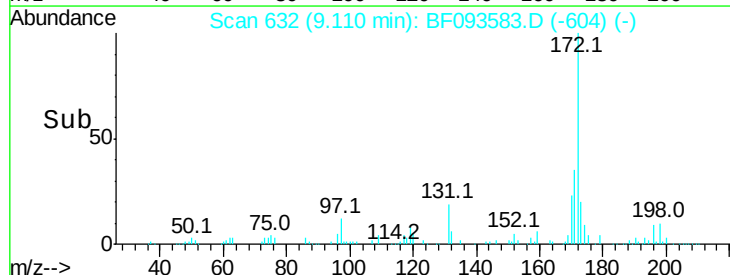
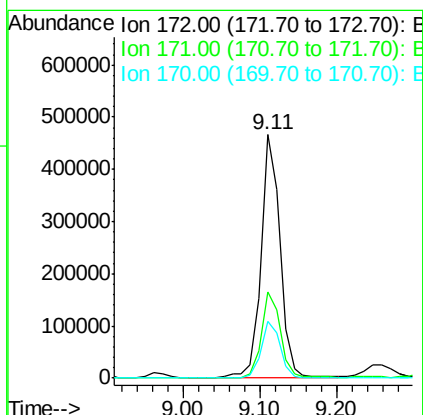
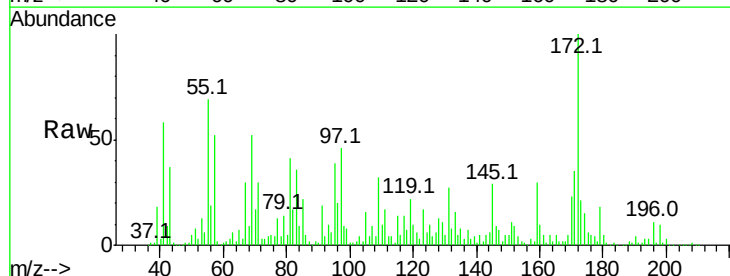
Instrument :
 BNA_F
 ClientSampled :

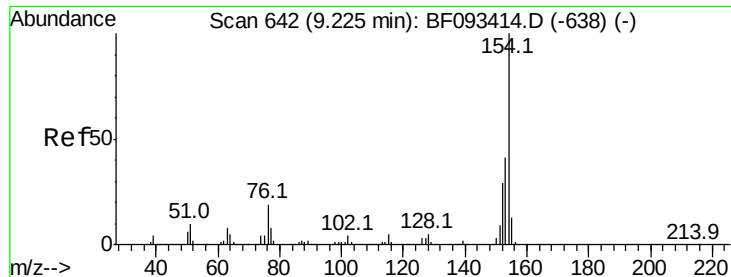
Tot Ion:196 Resp: 97624
 Ion Ratio Lower Upper
 196 100
 198 87.5 79.4 119.2
 97 370.8 51.5 77.3#
 132 88.3 27.4 41.2#



#44
 2-Fluorobiphenyl
 Concen: 113.12 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.02 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion:172 Resp: 783058
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.4 20.2 30.4





#45

1,1'-Biphenyl

Concen: 46.08 ng

RT: 9.21 min Scan# 641

Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

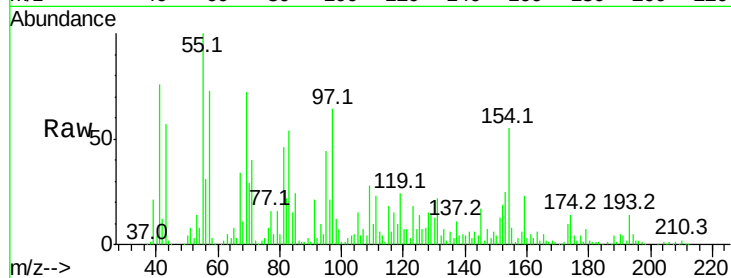
Tot Ion:154 Resp: 432254

Ion Ratio Lower Upper

154 100

153 44.6 20.9 60.9

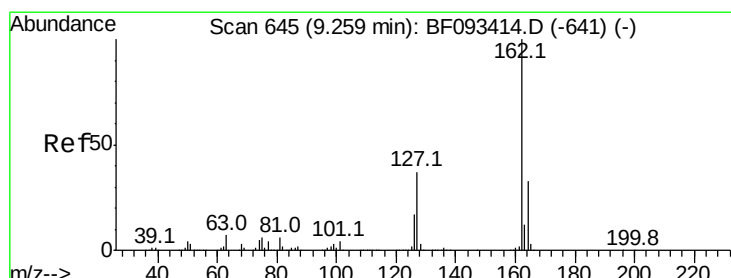
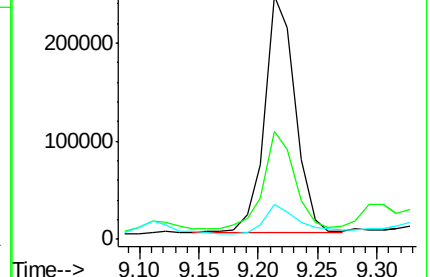
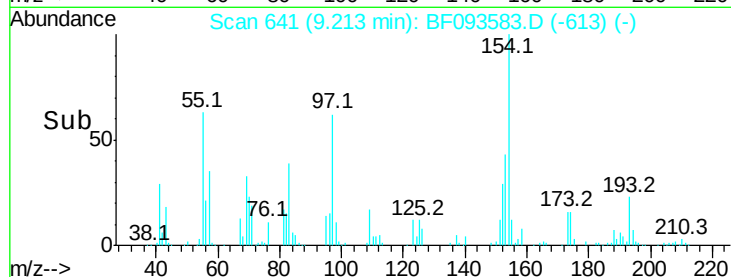
76 14.2 0.0 30.5



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: 54.72 ng

RT: 9.25 min Scan# 644

Delta R.T. 0.03 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

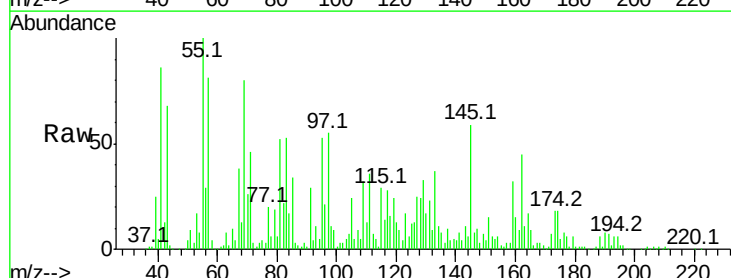
Tgt Ion:162 Resp: 392906

Ion Ratio Lower Upper

162 100

127 57.1 30.7 46.1#

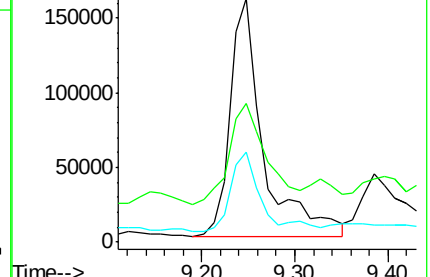
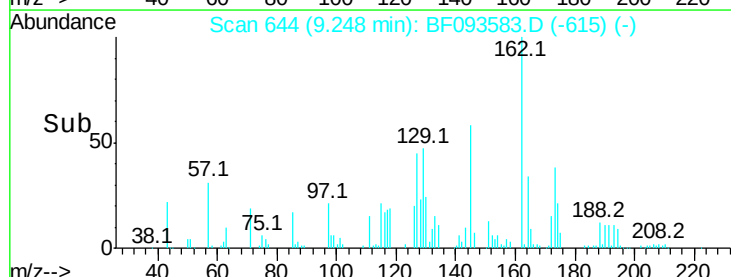
164 37.1 27.6 41.4

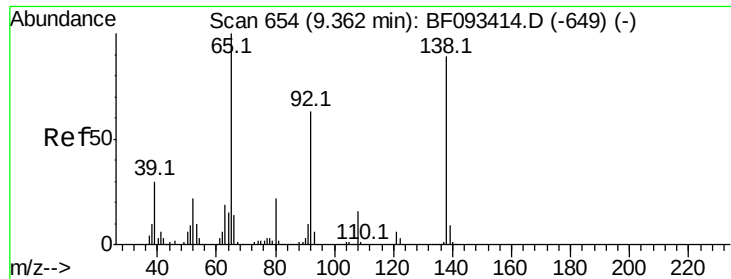


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.96 ng

RT: 9.35 min Scan# 653

Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

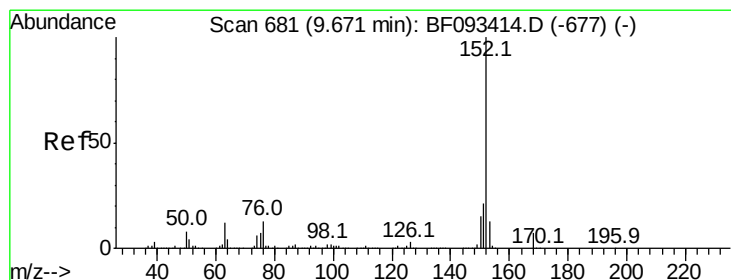
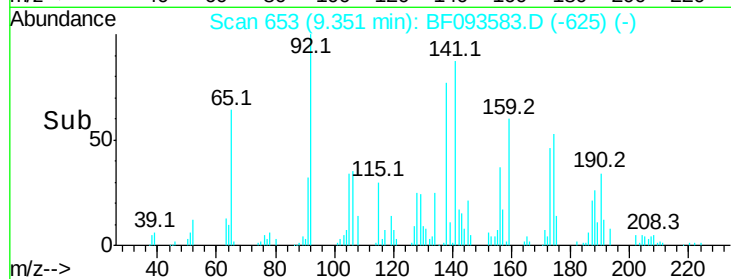
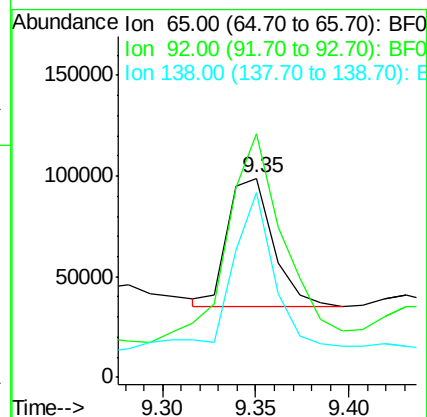
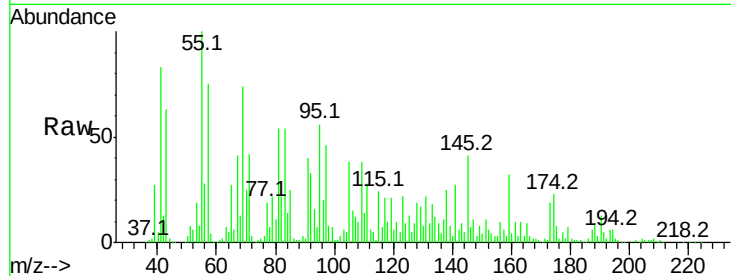
Tot Ion: 65 Resp: 109043

Ion Ratio Lower Upper

65 100

92 122.2 53.9 80.9#

138 92.8 76.8 115.2



#48

Acenaphthylene

Concen: 38.75 ng

RT: 9.67 min Scan# 681

Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

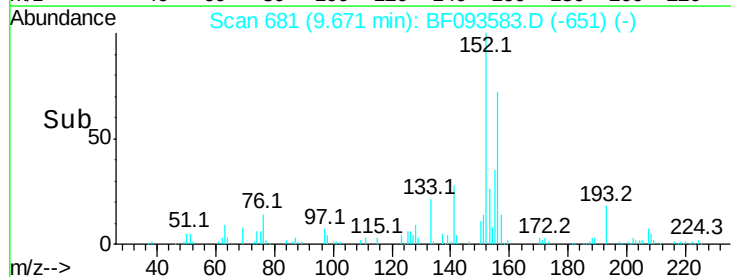
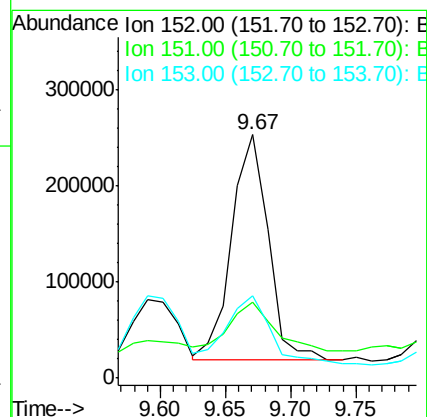
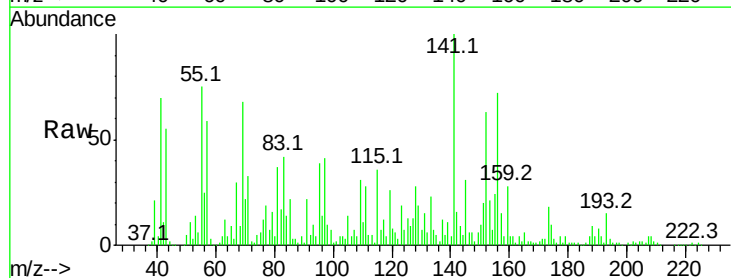
Tgt Ion: 152 Resp: 458865

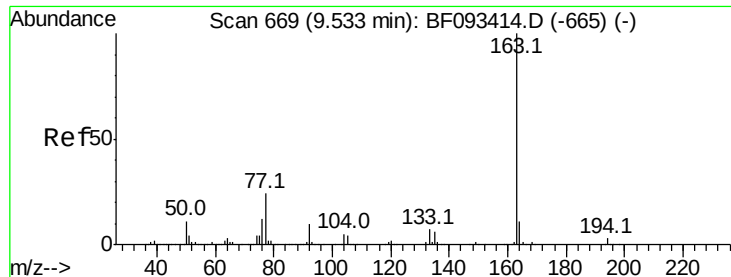
Ion Ratio Lower Upper

152 100

151 31.0 16.9 25.3#

153 33.8 11.4 17.2#

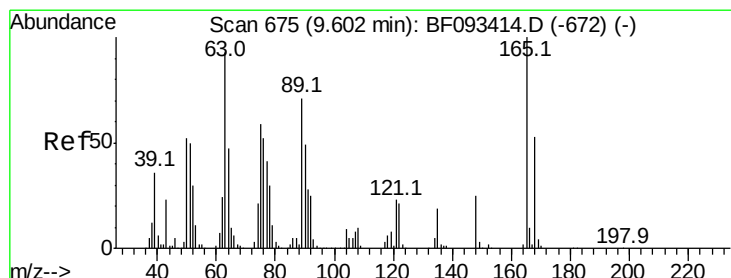
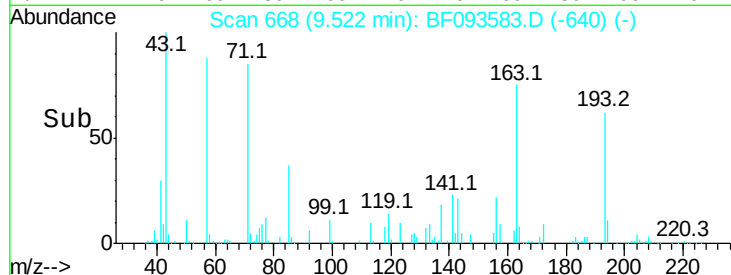
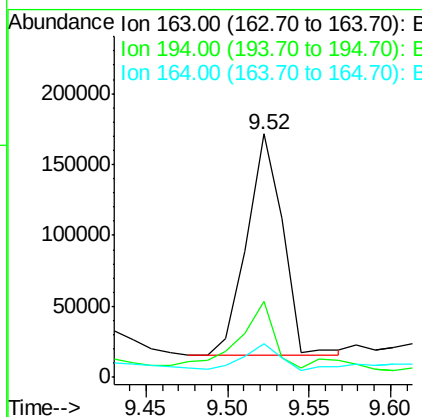
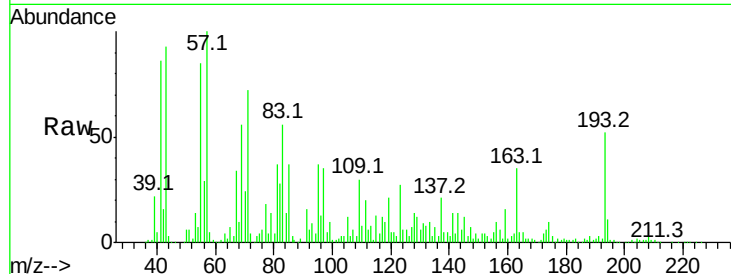




#49
Dimethylphthalate
Concen: 27.88 ng
RT: 9.52 min Scan# 668
Delta R.T. 0.02 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

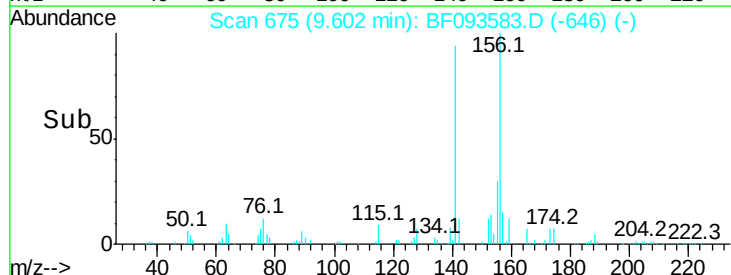
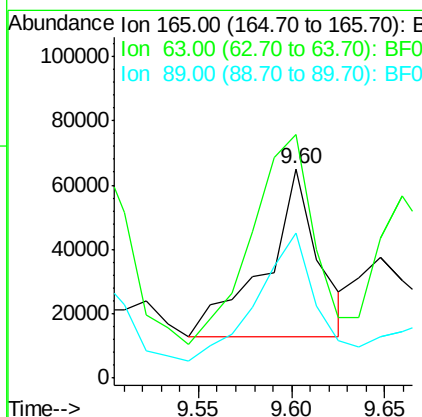
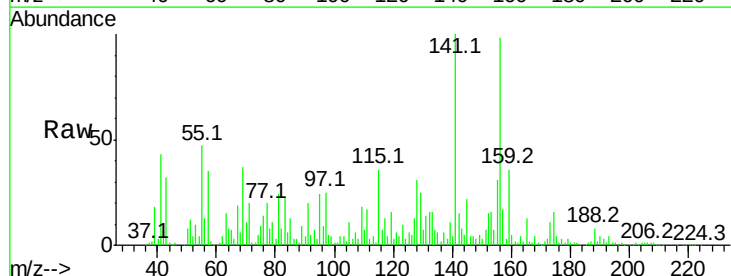
Instrument :
BNA_F
ClientSampleId :

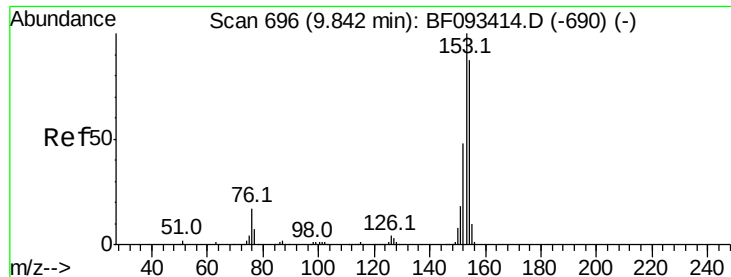
Tot Ion:163 Resp: 238030
Ion Ratio Lower Upper
163 100
194 31.2 3.0 4.4#
164 13.6 8.0 12.0#



#50
2,6-Dinitrotoluene
Concen: 54.90 ng
RT: 9.60 min Scan# 675
Delta R.T. 0.03 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion:165 Resp: 102830
Ion Ratio Lower Upper
165 100
63 116.4 36.2 54.4#
89 69.3 40.2 60.4#





#51

Acenaphthene

Concen: 61.53 ng

RT: 9.84 min Scan# 696

Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

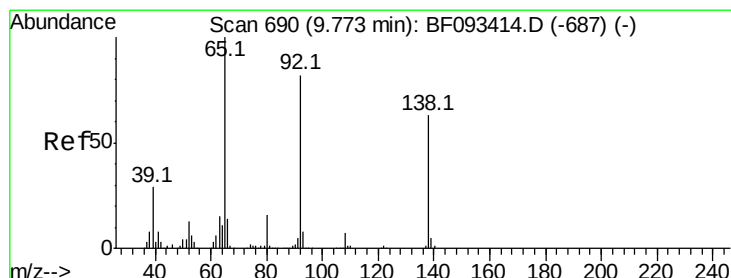
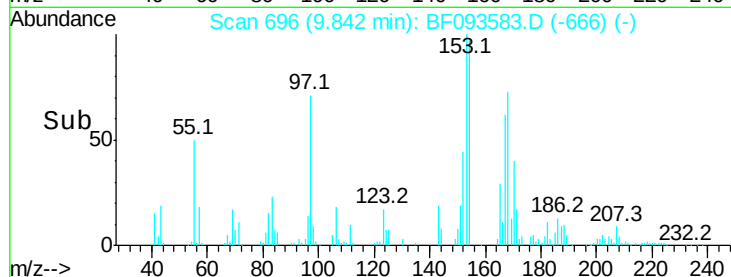
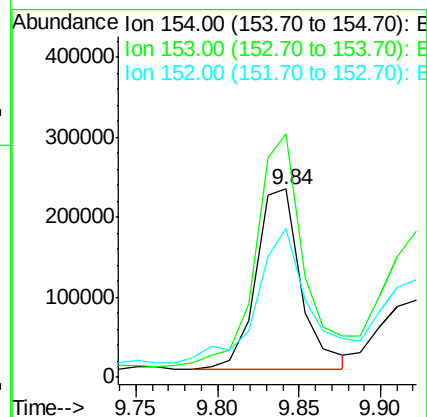
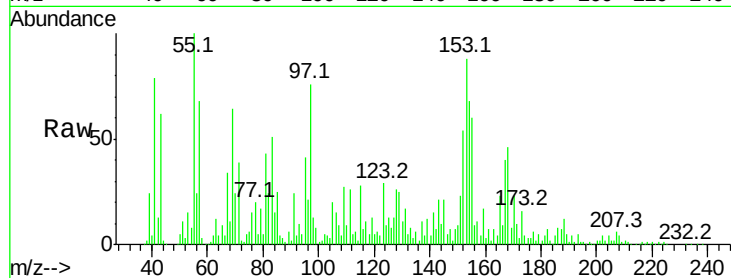
Tot Ion:154 Resp: 430838

Ion Ratio Lower Upper

154 100

153 129.5 88.6 133.0

152 79.4 41.6 62.4#



#52

3-Nitroaniline

Concen: 49.63 ng

RT: 9.76 min Scan# 689

Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

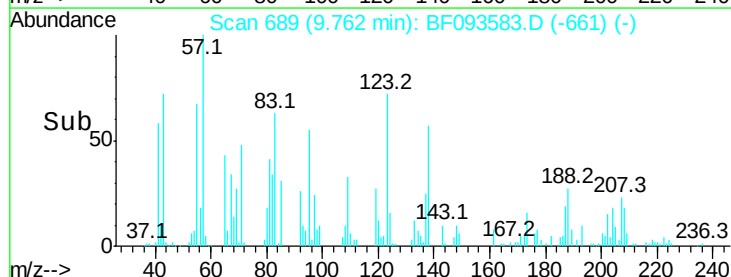
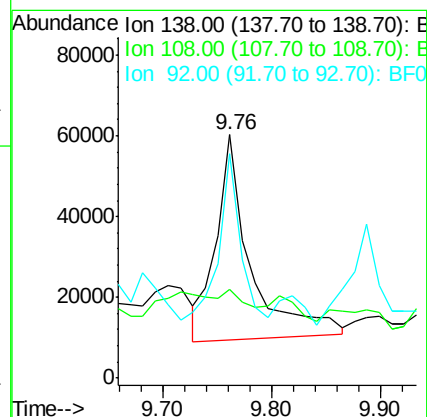
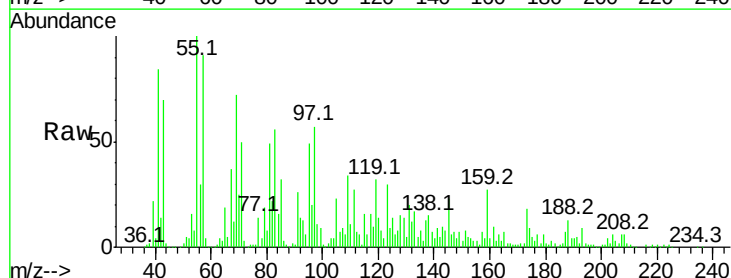
Tgt Ion:138 Resp: 111686

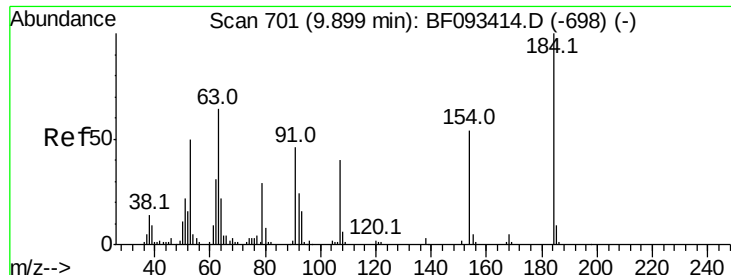
Ion Ratio Lower Upper

138 100

108 36.5 8.5 12.7#

92 91.9 97.8 146.8#





#53

2,4-Dinitrophenol

Concen: 2.89 na

RT: 9.89 min Scan# 700

Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

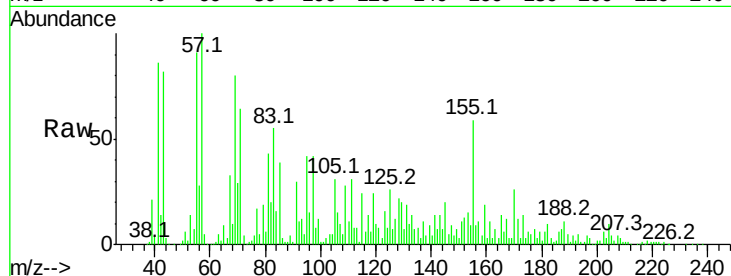
Tot Ion:184 Resp: 2465

Ion Ratio Lower Upper

184 100

63 1033.5 28.4 42.6#

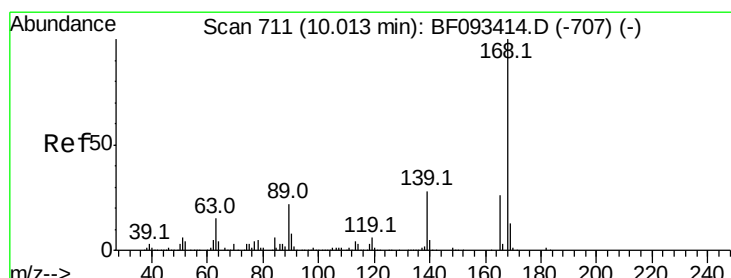
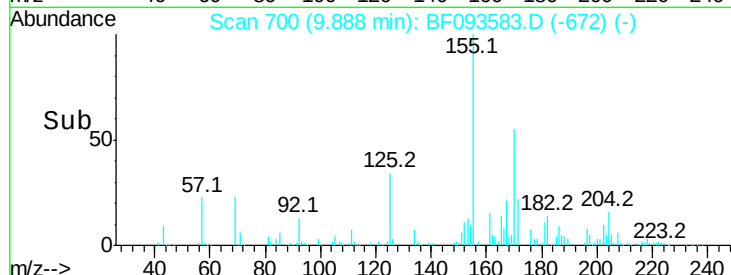
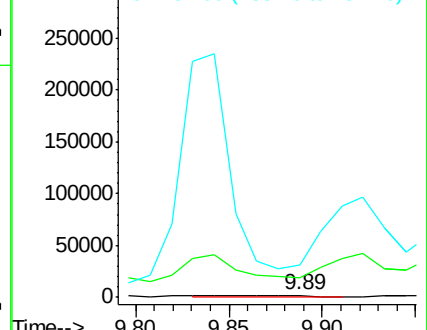
154 1739.4 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 54.73 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

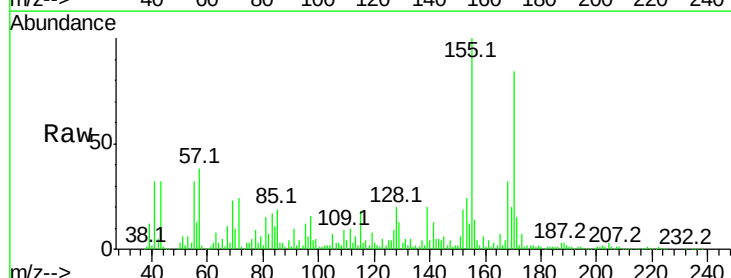
Tgt Ion:168 Resp: 479691

Ion Ratio Lower Upper

168 100

139 61.0 32.6 49.0#

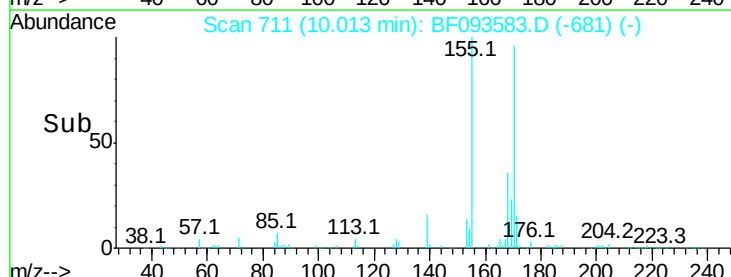
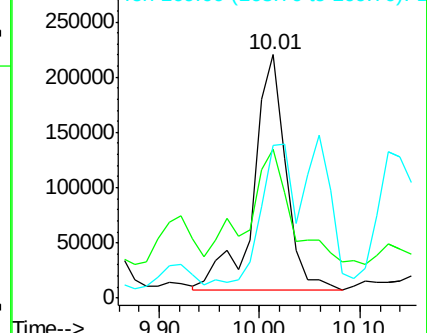
169 62.9 11.3 16.9#

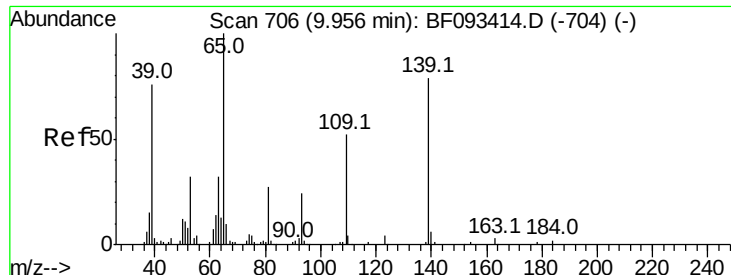


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

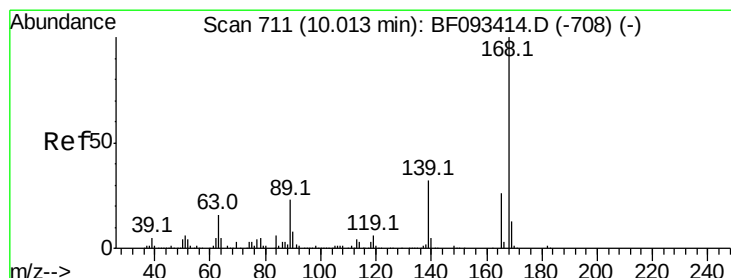
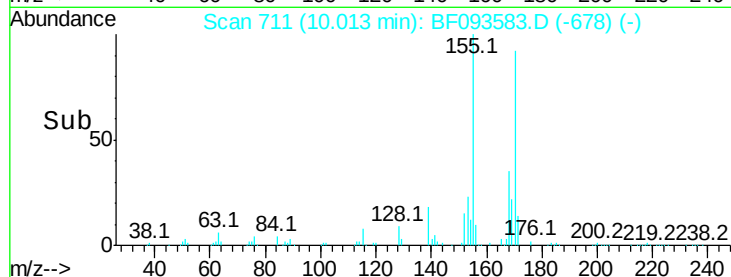
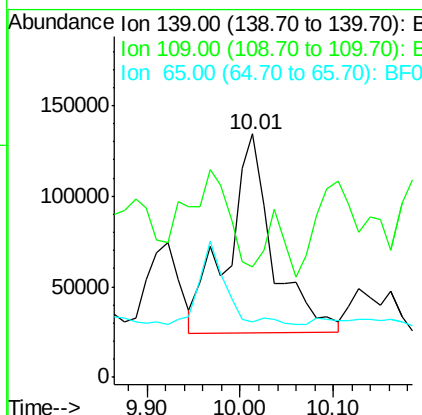
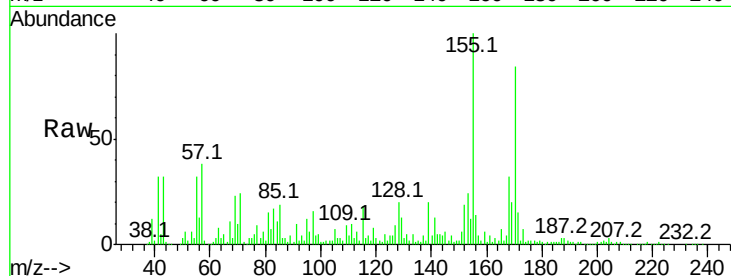




#55
4-Nitrophenol
Concen: 336.78 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.08 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

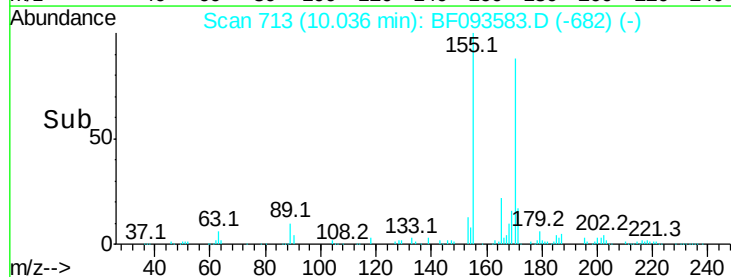
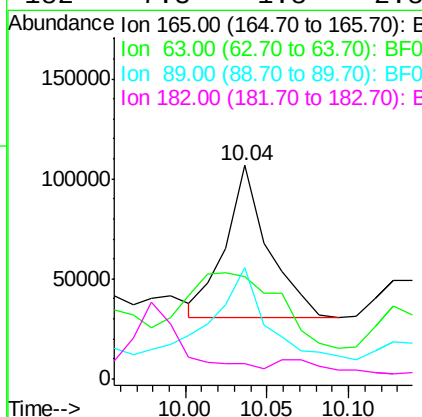
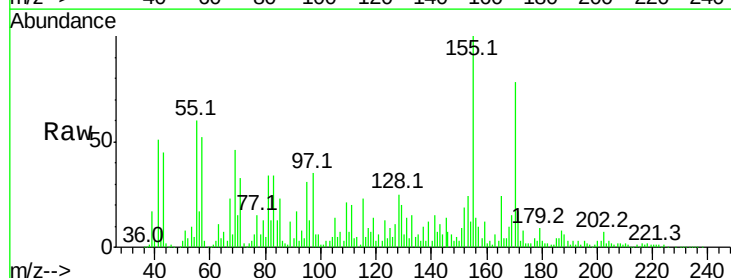
Instrument :
BNA_F
ClientSampled :

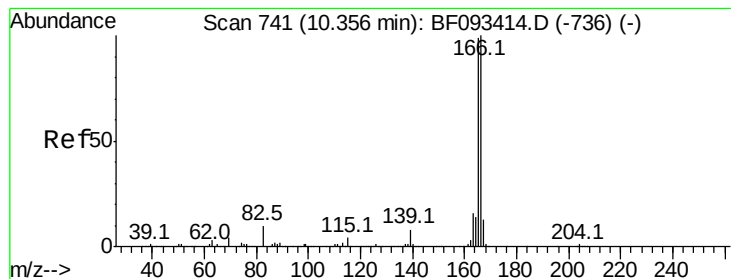
Tot Ion:139 Resp: 368111
Ion Ratio Lower Upper
139 100
109 45.2 52.2 92.2#
65 23.0 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 59.79 ng
RT: 10.04 min Scan# 713
Delta R.T. 0.06 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion:165 Resp: 137587
Ion Ratio Lower Upper
165 100
63 48.0 40.2 60.4
89 52.4 62.5 93.7#
182 7.3 1.8 2.8#





#57

Fluorene

Concen: 79.81 ng

RT: 10.36 min Scan# 741

Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampled :

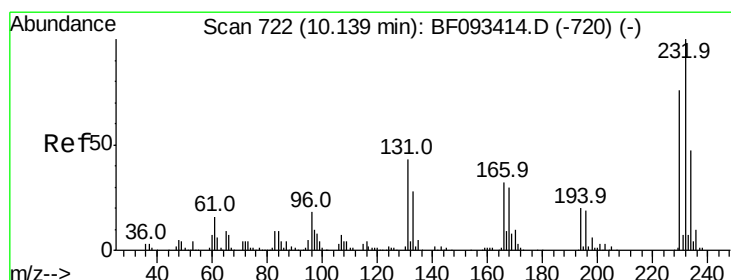
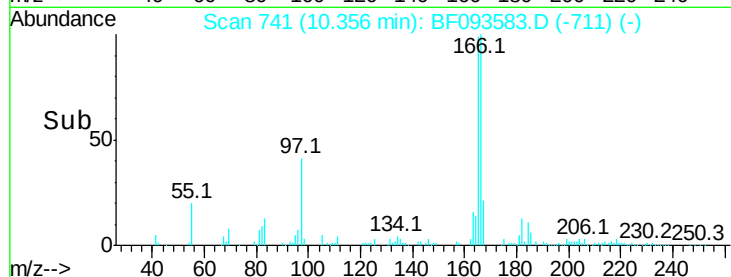
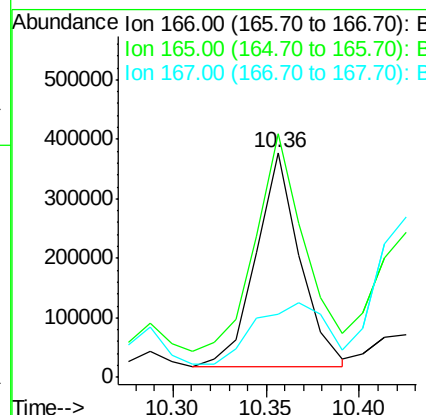
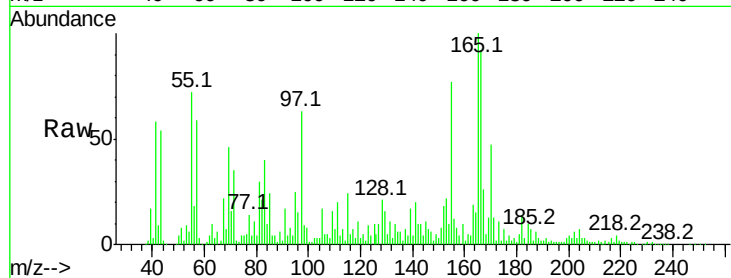
Tot Ion:166 Resp: 592729

Ion Ratio Lower Upper

166 100

165 108.2 77.8 116.8

167 27.9 10.8 16.2#



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.26 ng

RT: 10.15 min Scan# 723

Delta R.T. 0.06 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Tgt Ion:232 Resp: 48669

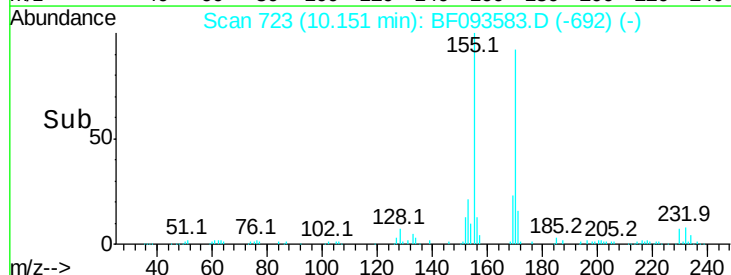
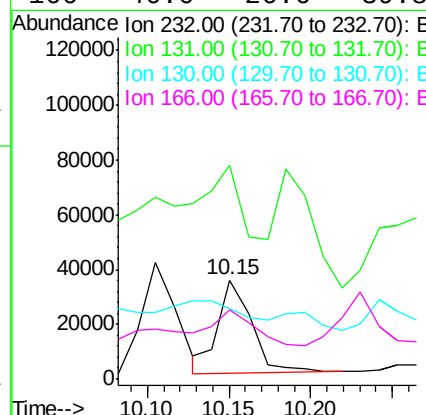
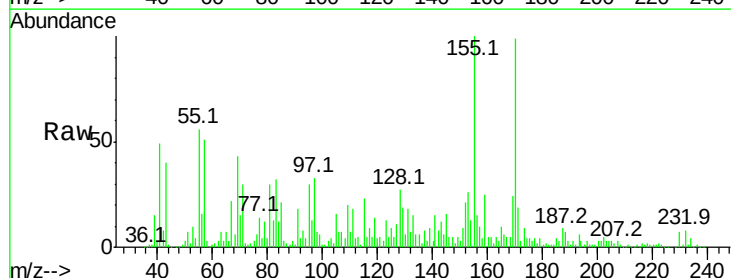
Ion Ratio Lower Upper

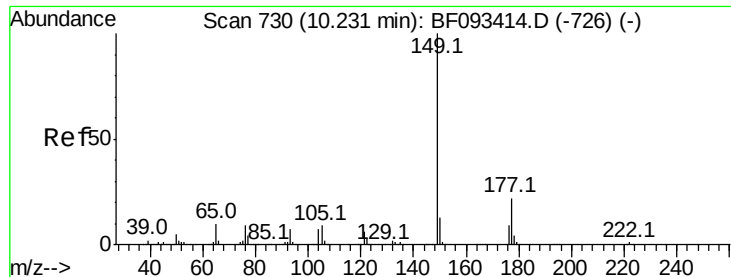
232 100

131 358.6 40.1 60.1#

130 0.0 1.8 2.8#

166 46.0 26.6 39.8#

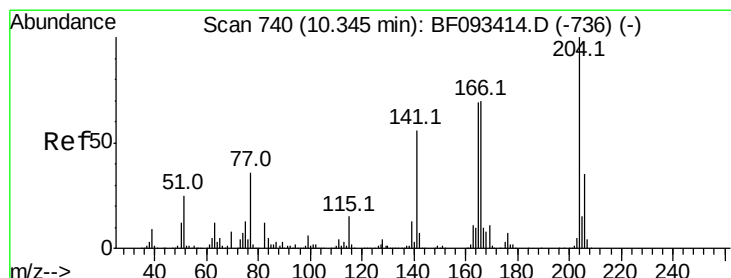
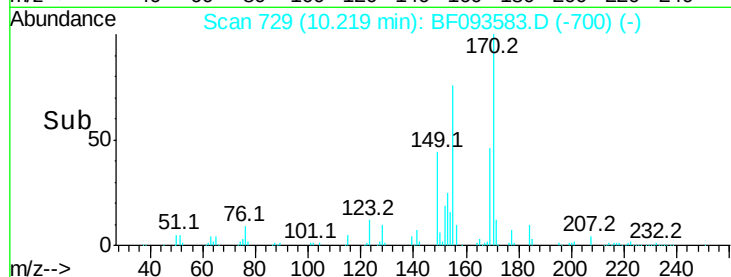
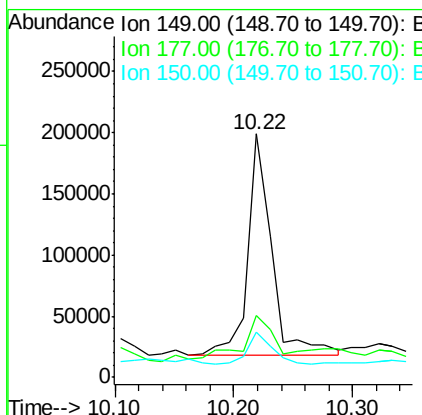
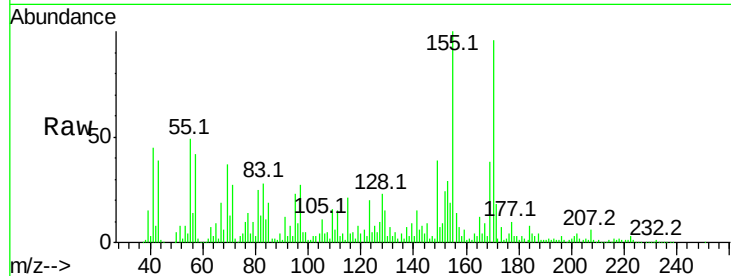




#59
Diethylphthalate
Concen: 31.39 ng
RT: 10.22 min Scan# 729
Delta R.T. 0.03 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

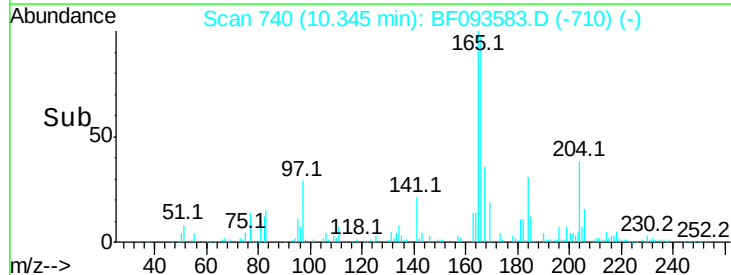
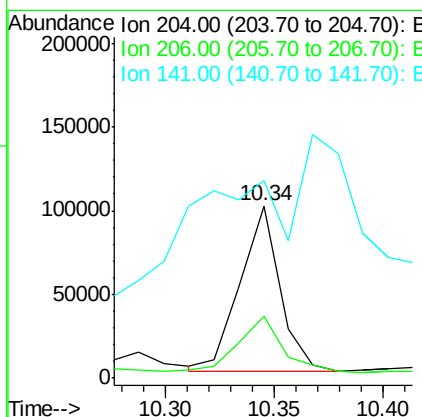
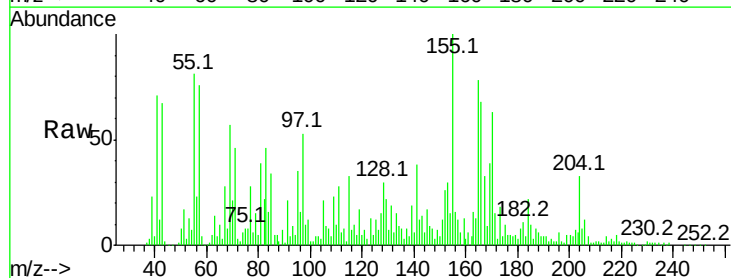
Instrument :
BNA_F
ClientSampleId :

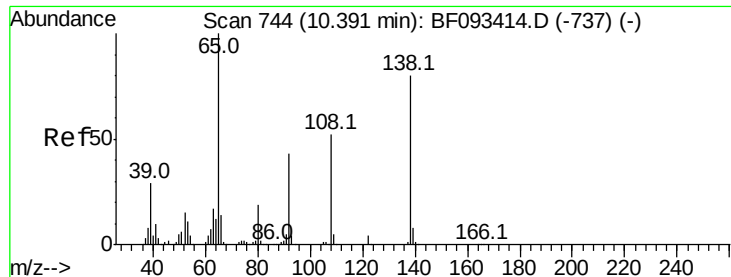
Tot Ion:149 Resp: 256090
Ion Ratio Lower Upper
149 100
177 25.5 16.6 25.0#
150 18.6 10.4 15.6#



#60
4-Chlorophenyl-phenylether
Concen: 38.01 ng
RT: 10.34 min Scan# 740
Delta R.T. 0.05 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion:204 Resp: 126525
Ion Ratio Lower Upper
204 100
206 35.7 25.8 38.6
141 114.3 59.4 89.0#

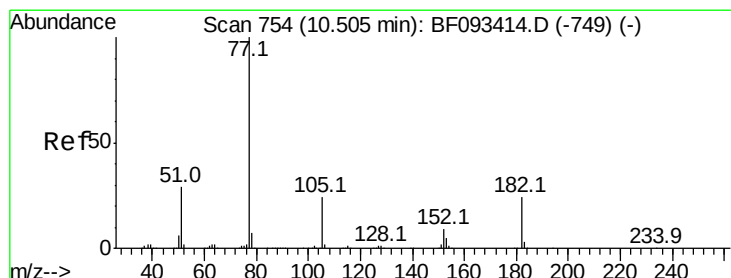
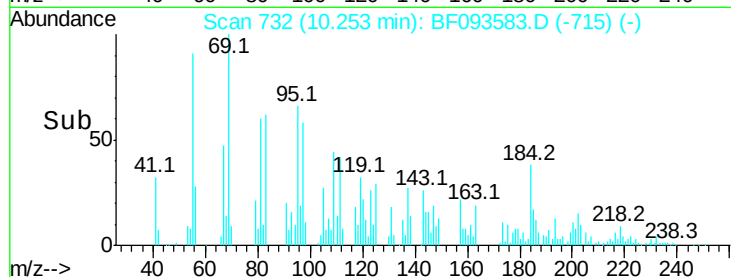
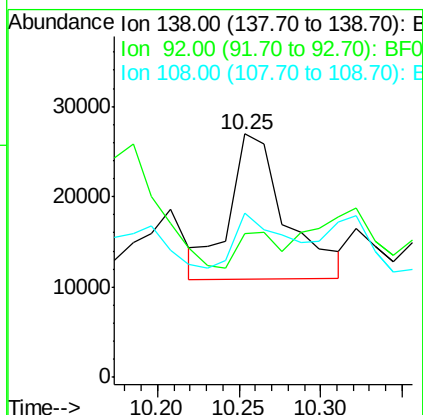
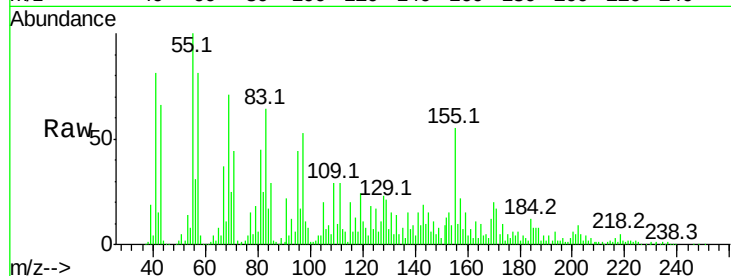




#61
4-Nitroaniline
Concen: 16.63 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.10 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

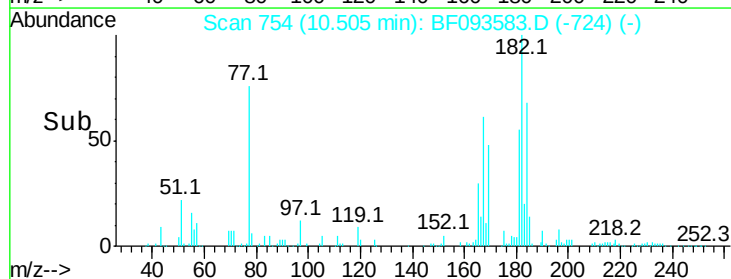
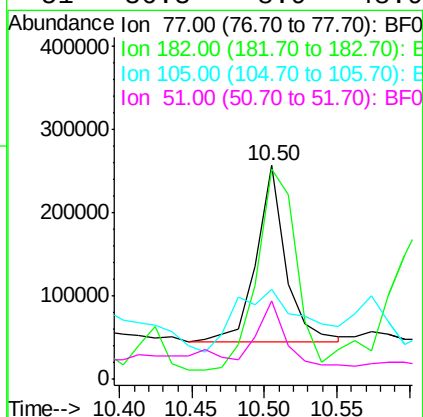
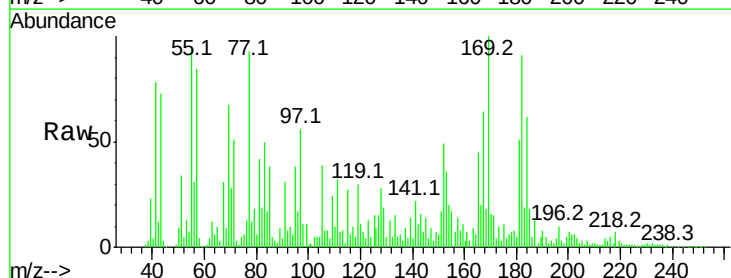
Instrument :
BNA_F
ClientSampled :

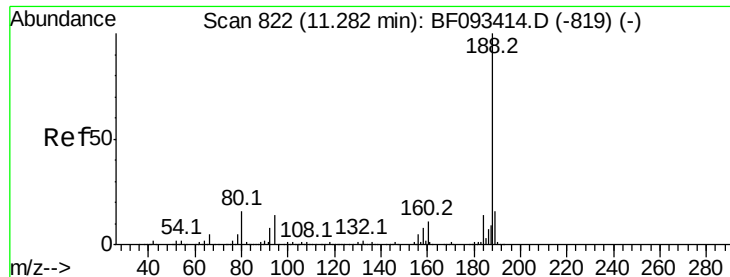
Tot Ion:138 Resp: 38273
Ion Ratio Lower Upper
138 100
92 59.2 31.7 71.7
108 67.3 52.6 92.6



#62
Azobenzene
Concen: 31.94 ng
RT: 10.50 min Scan# 754
Delta R.T. 0.05 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion: 77 Resp: 296075
Ion Ratio Lower Upper
77 100
182 98.4 0.0 39.3#
105 41.8 2.3 42.3
51 36.3 8.9 48.9

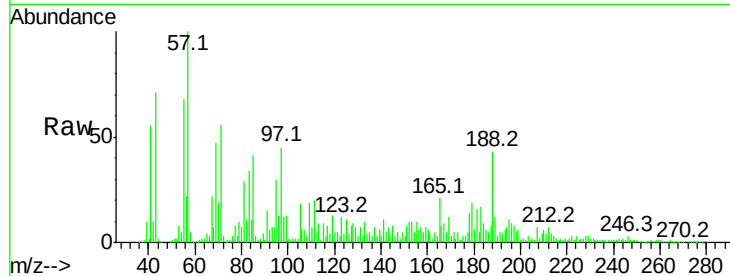




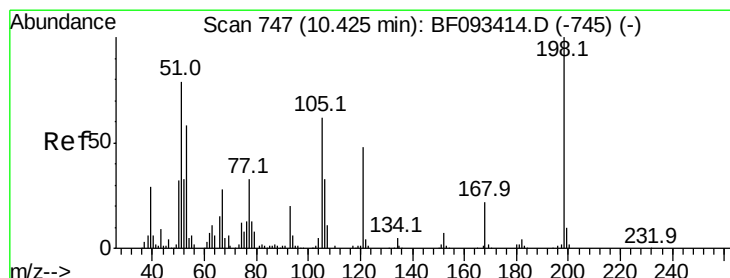
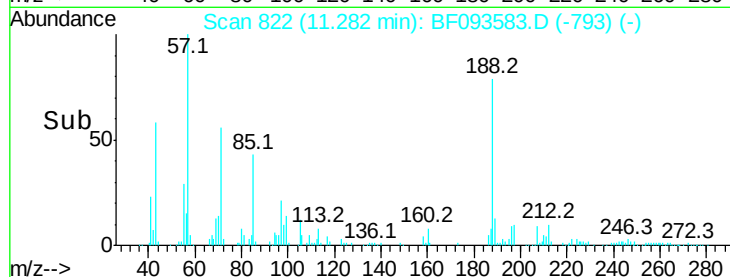
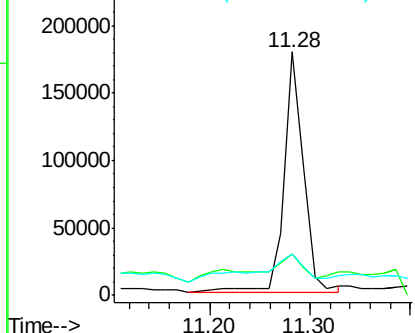
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. 0.03 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 236695
Ion Ratio Lower Upper
188 100
94 16.9 10.0 15.0#
80 17.1 11.2 16.8#

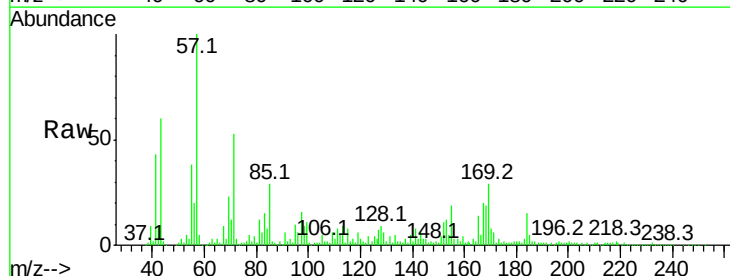


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

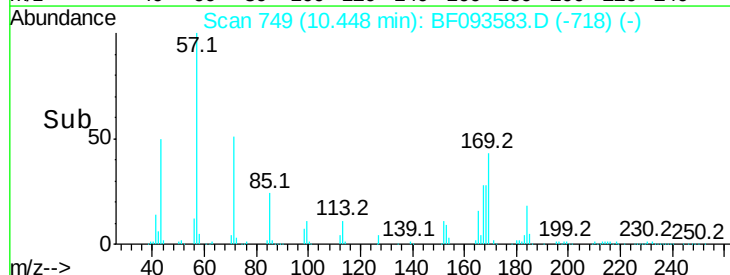
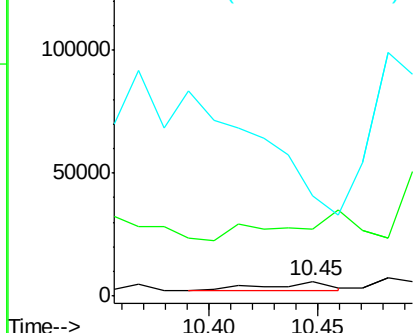


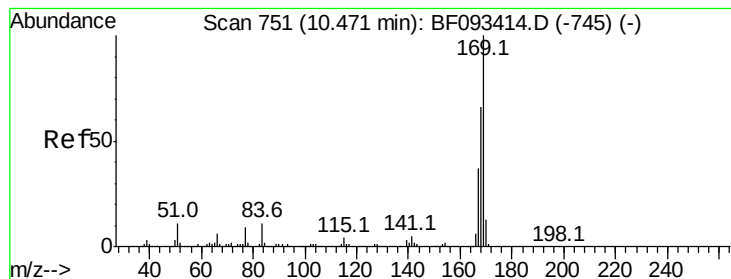
#64
4,6-Dinitro-2-methylphenol
Concen: 4.87 ng
RT: 10.45 min Scan# 749
Delta R.T. 0.06 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion:198 Resp: 7475
Ion Ratio Lower Upper
198 100
51 459.9 6.7 46.7#
105 691.1 16.6 56.6#



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





#65

n-Nitrosodiphenylamine

Concen: 91.21 ng

RT: 10.47 min Scan# 751

Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

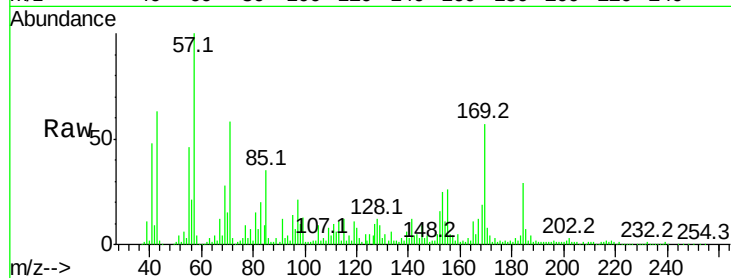
Tot Ion:169 Resp: 720861

Ion Ratio Lower Upper

169 100

168 32.6 54.2 81.2#

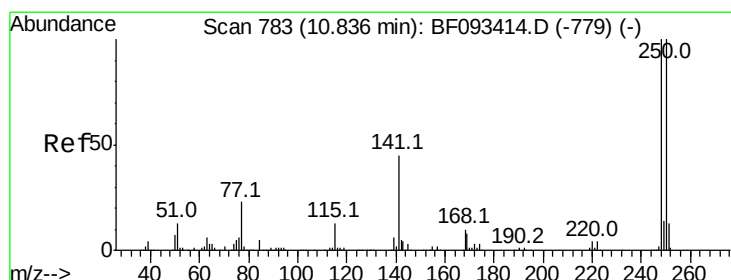
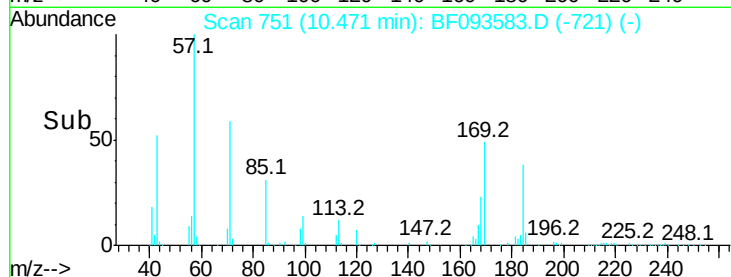
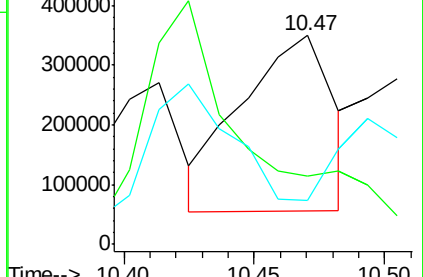
167 20.9 30.2 45.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.03 ng

RT: 10.82 min Scan# 782

Delta R.T. 0.03 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

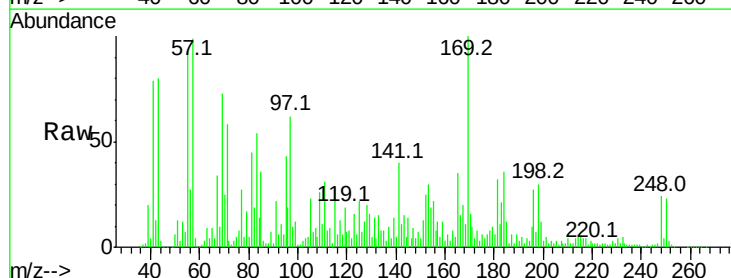
Tgt Ion:248 Resp: 100190

Ion Ratio Lower Upper

248 100

250 92.9 76.9 115.3

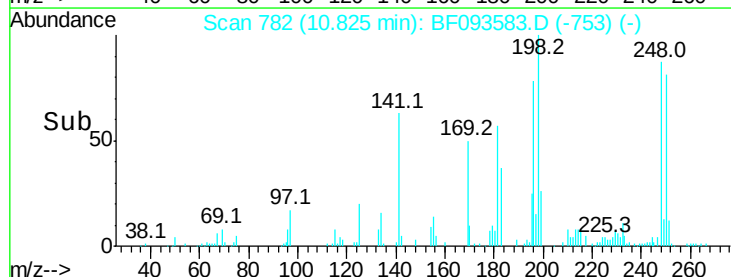
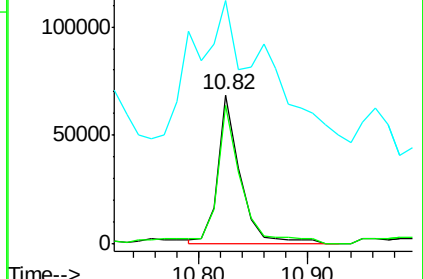
141 163.0 68.2 102.4#

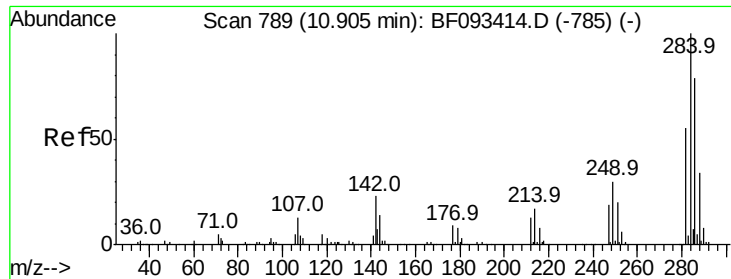


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 27.94 ng

RT: 10.93 min Scan# 791

Delta R.T. 0.07 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

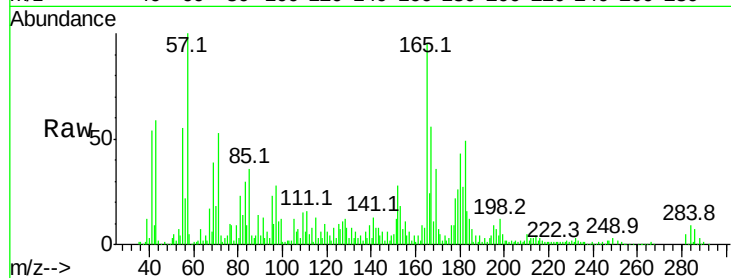
Tot Ion:284 Resp: 66788

Ion Ratio Lower Upper

284 100

142 93.8 22.6 33.8#

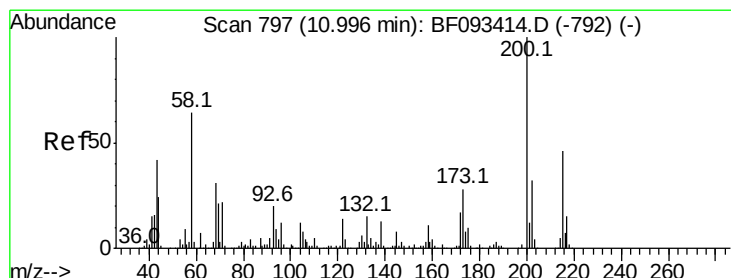
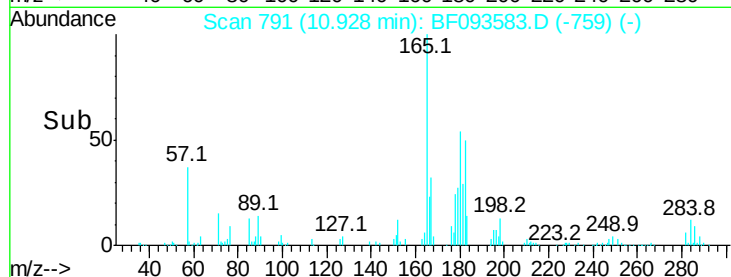
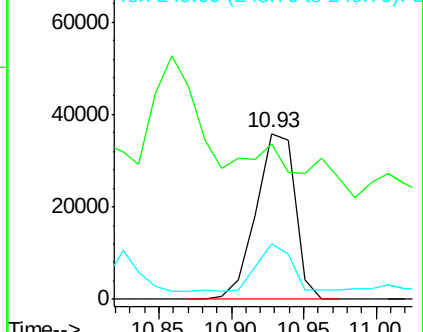
249 33.7 25.4 38.0



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: 57.14 ng

RT: 11.00 min Scan# 797

Delta R.T. 0.05 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

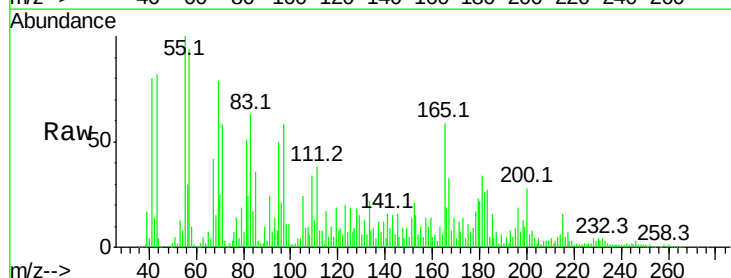
Tgt Ion:200 Resp: 132171

Ion Ratio Lower Upper

200 100

173 49.6 9.6 49.6#

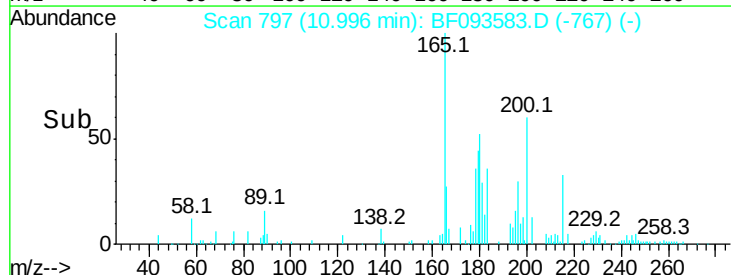
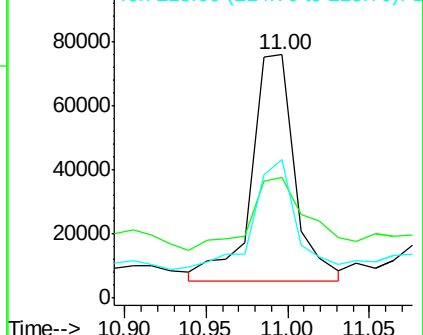
215 56.7 25.7 65.7

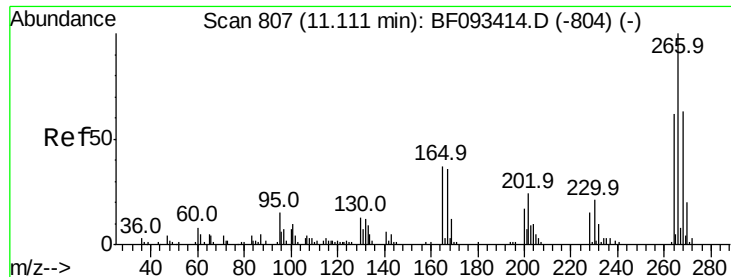


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

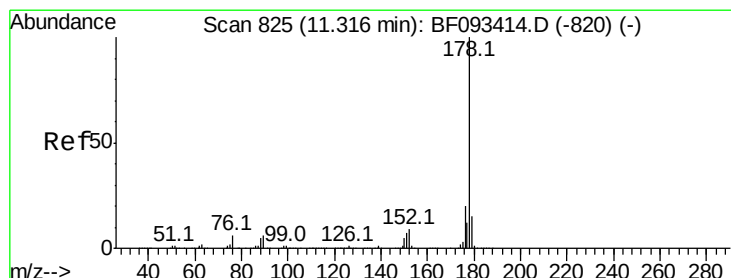
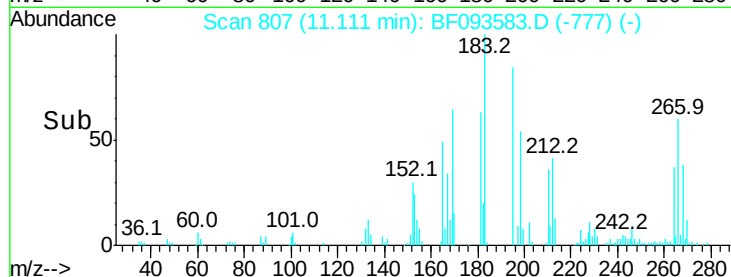
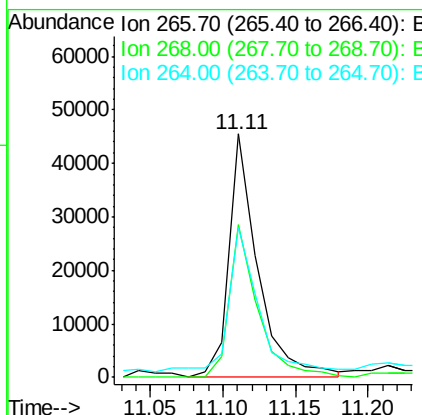
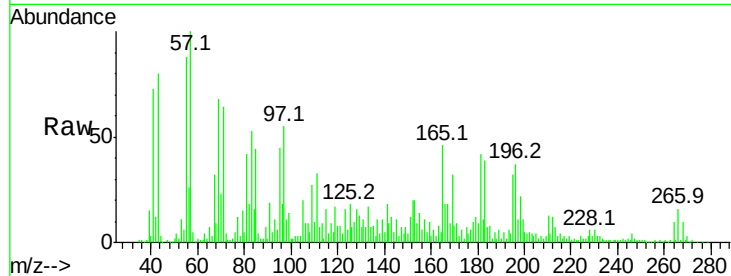




#69
 Pentachlorophenol
 Concen: 76.57 ng
 RT: 11.11 min Scan# 807
 Delta R.T. 0.05 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

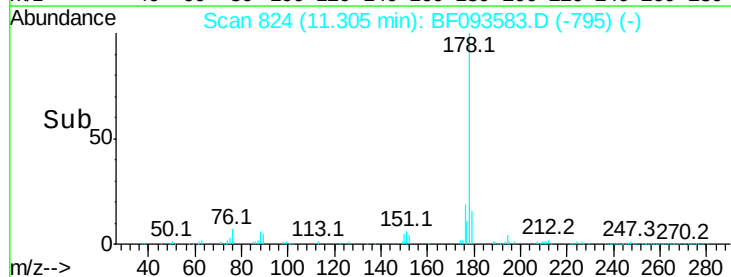
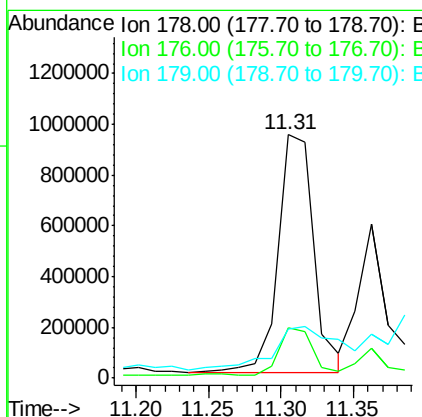
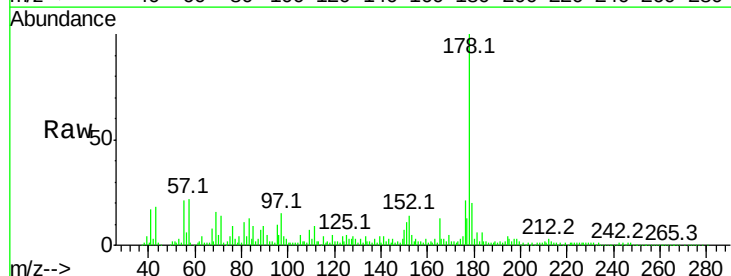
Instrument :
 BNA_F
 ClientSampleId :

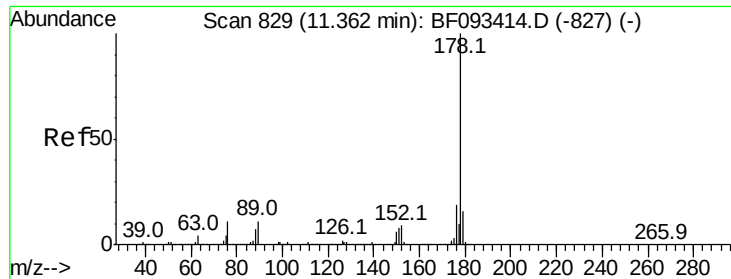
Tot Ion:266 Resp: 63184
 Ion Ratio Lower Upper
 266 100
 268 62.9 53.3 79.9
 264 61.9 50.3 75.5



#70
 Phenanthrene
 Concen: 119.34 ng
 RT: 11.31 min Scan# 824
 Delta R.T. 0.03 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion:178 Resp: 1612313
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.6 25.0
 179 20.3 12.8 19.2#

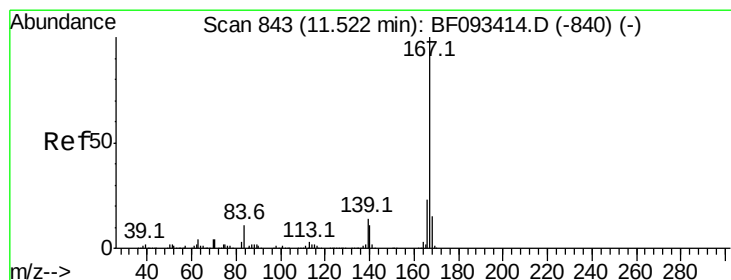
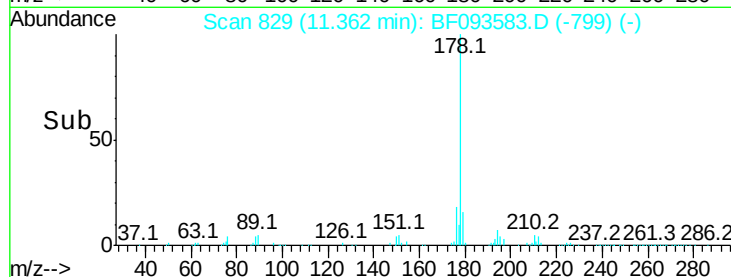
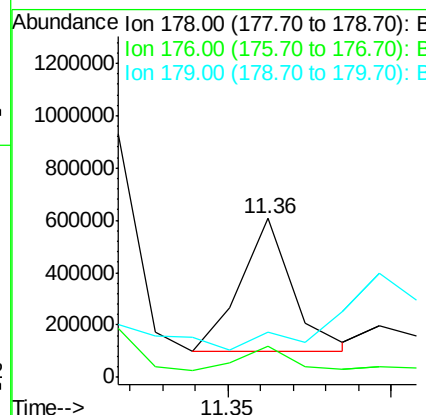
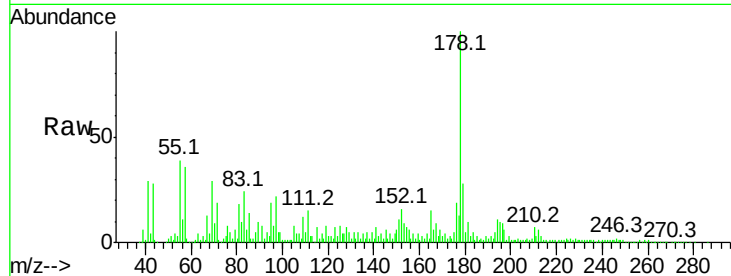




#71
 Anthracene
 Concen: 40.81 ng
 RT: 11.36 min Scan# 829
 Delta R.T. 0.05 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

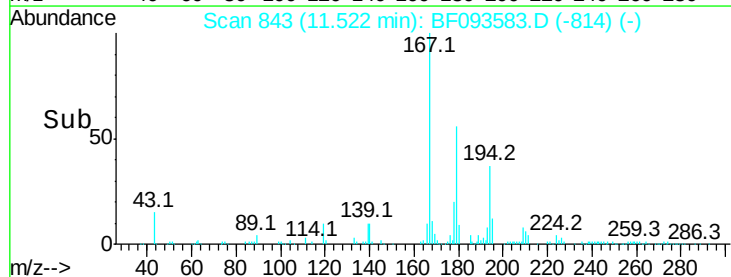
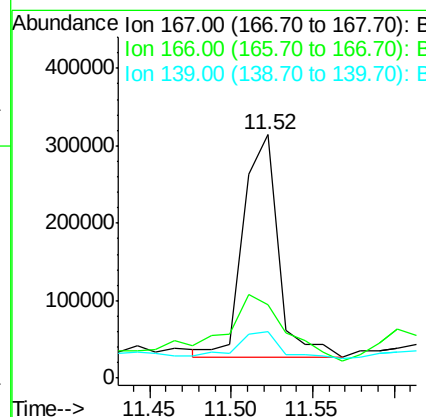
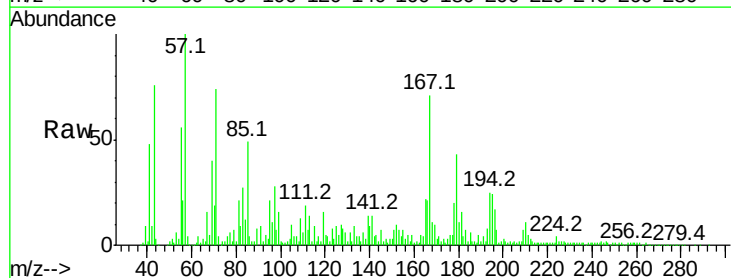
Instrument :
 BNA_F
 ClientSampleId :

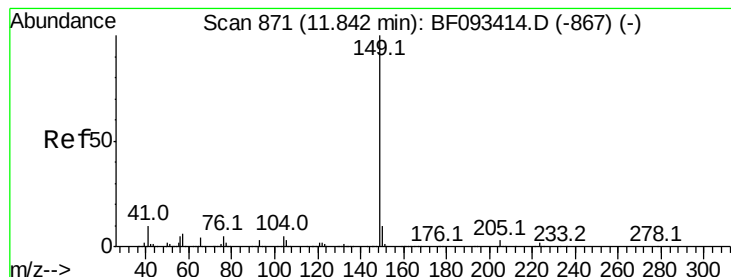
Tot Ion:178 Resp: 557751
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 28.1 13.2 19.8#



#72
 Carbazole
 Concen: 33.09 ng
 RT: 11.52 min Scan# 843
 Delta R.T. 0.03 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion:167 Resp: 424842
 Ion Ratio Lower Upper
 167 100
 166 30.1 18.2 27.2#
 139 19.0 11.4 17.2#





#73

Di-n-butylphthalate

Concen: 46.06 ng

RT: 11.83 min Scan# 870

Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

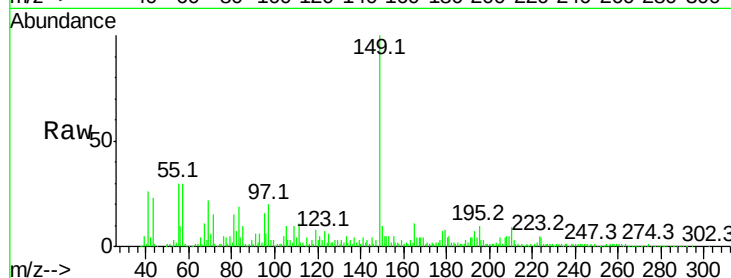
Tot Ion:149 Resp: 684183

Ion Ratio Lower Upper

149 100

150 10.4 8.1 12.1

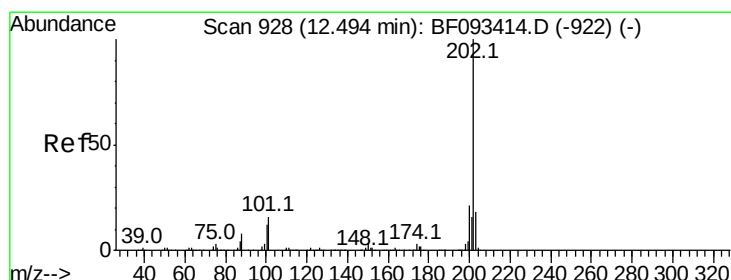
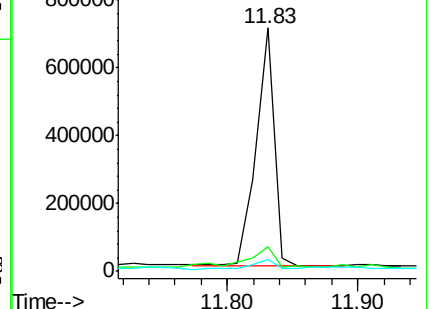
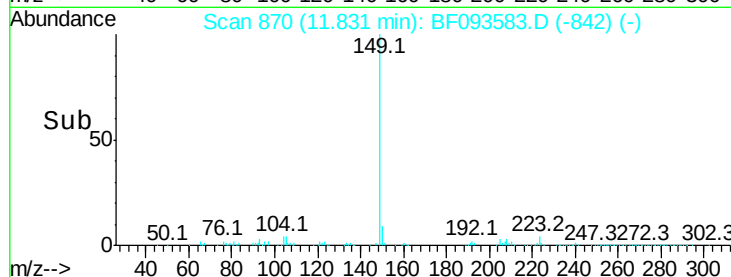
104 5.1 4.6 7.0



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: 63.76 ng

RT: 12.48 min Scan# 927

Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

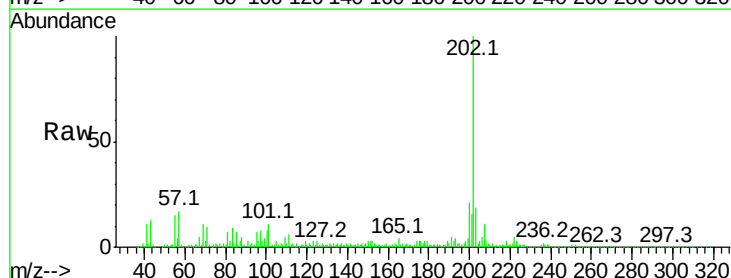
Tgt Ion:202 Resp: 832081

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.6

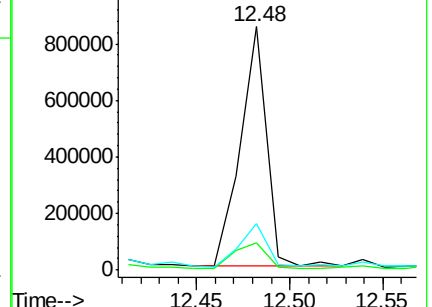
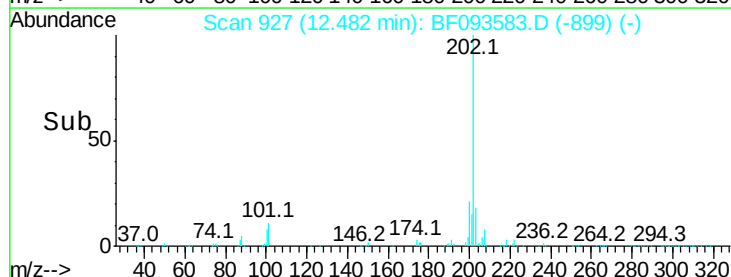
203 18.9 0.0 38.7

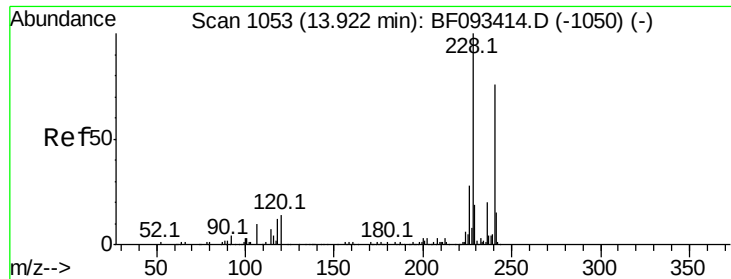


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

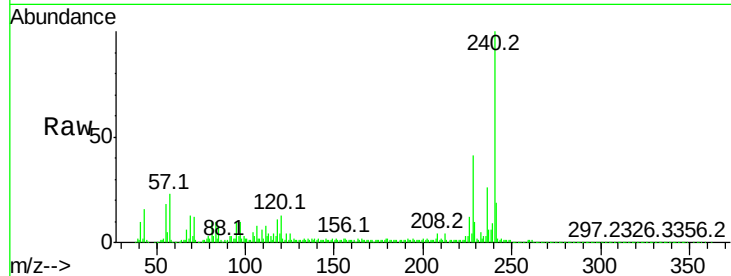
Tot Ion:240 Resp: 321844

Ion Ratio Lower Upper

240 100

120 12.9 12.9 19.3

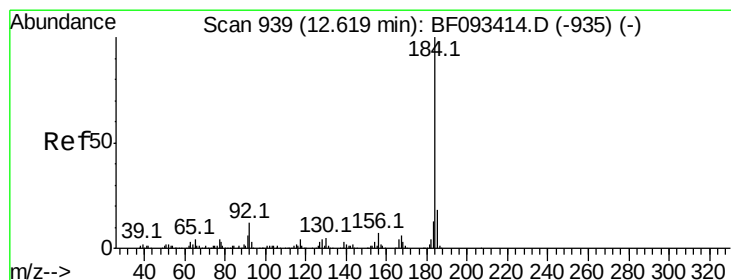
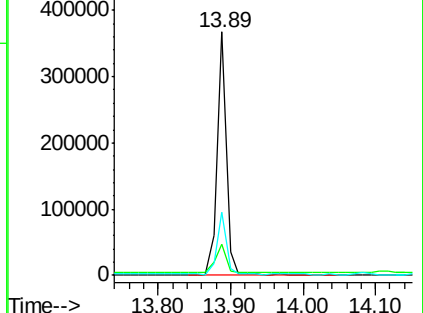
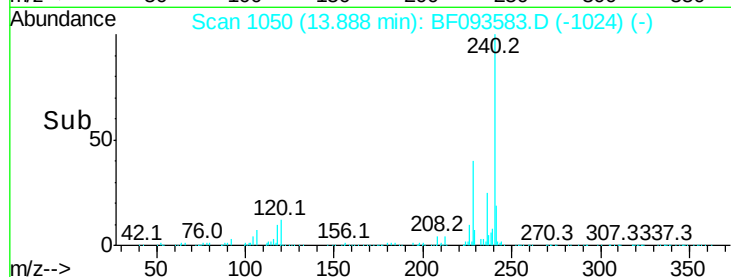
236 26.0 20.9 31.3



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: 9.09 ng

RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

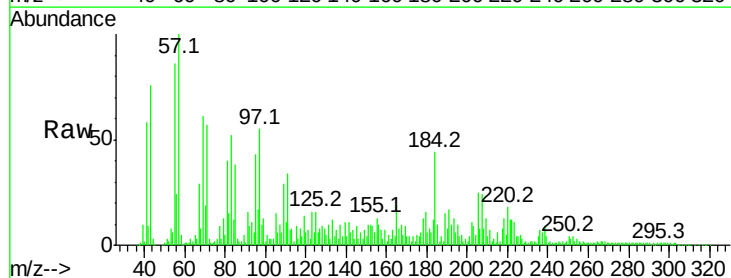
Tgt Ion:184 Resp: 96199

Ion Ratio Lower Upper

184 100

185 22.6 13.4 20.0#

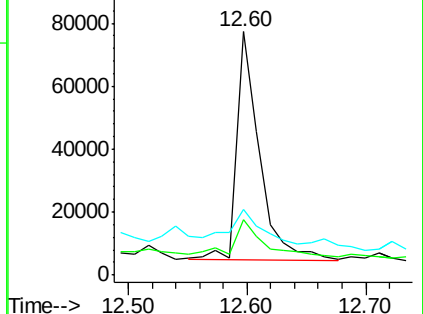
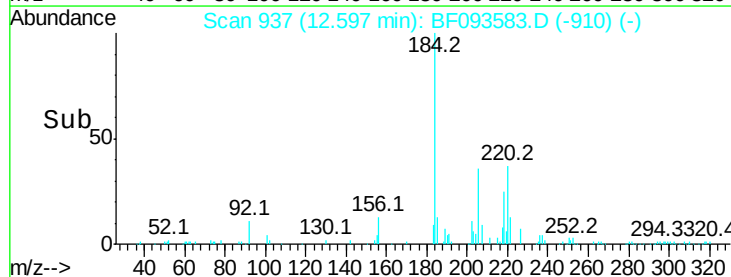
183 27.2 9.2 13.8#

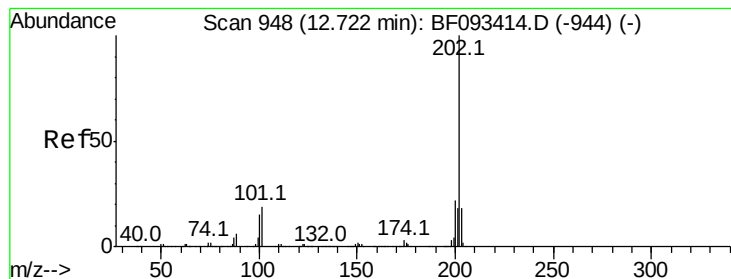


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.99 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

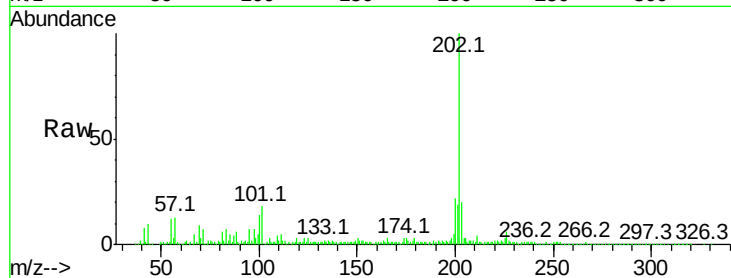
Tot Ion:202 Resp: 982846

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

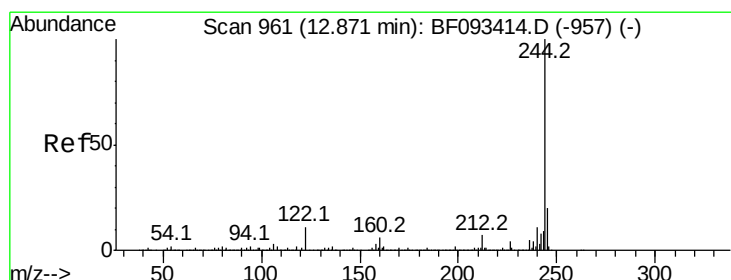
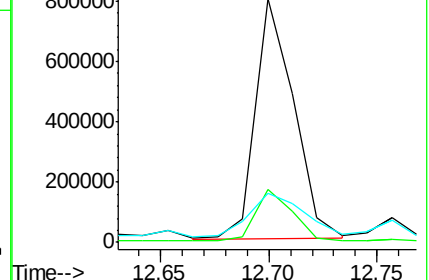
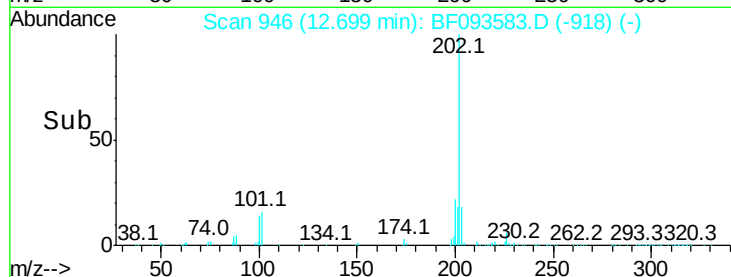
203 20.0 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 61.88 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

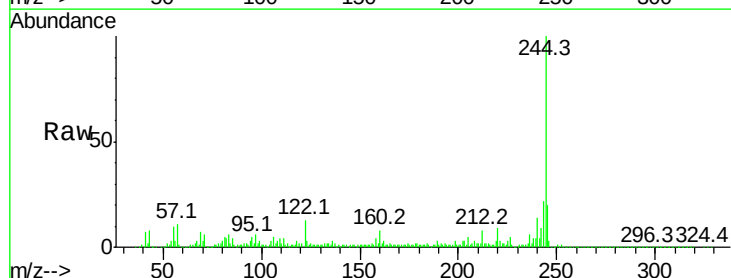
Tgt Ion:244 Resp: 766033

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

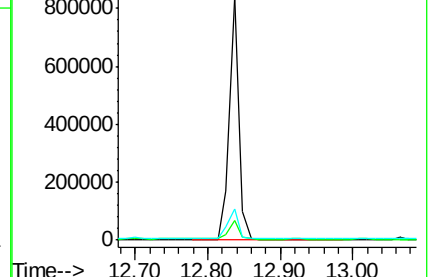
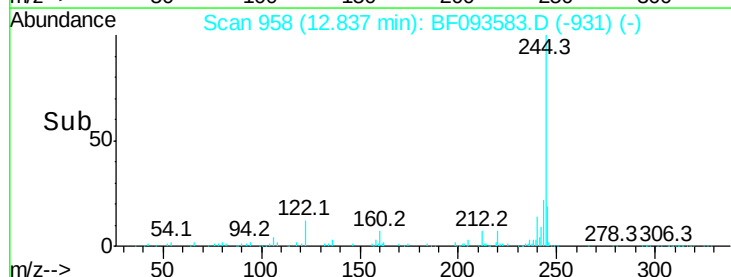
122 12.8 11.4 17.2

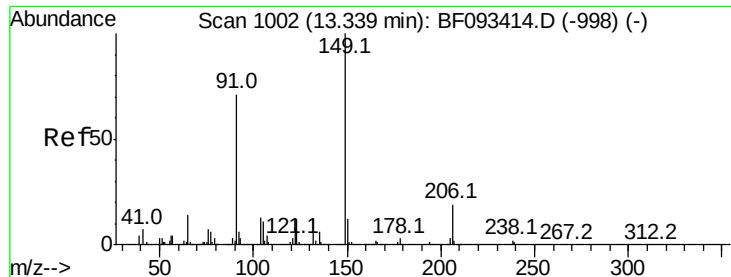


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

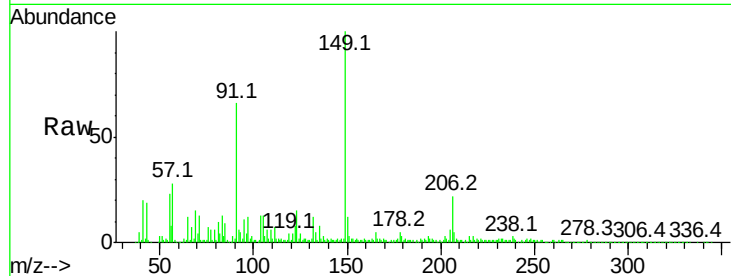




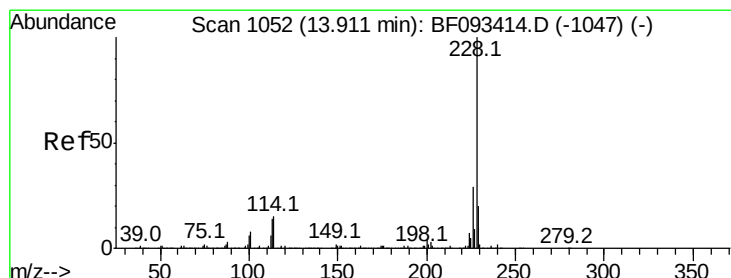
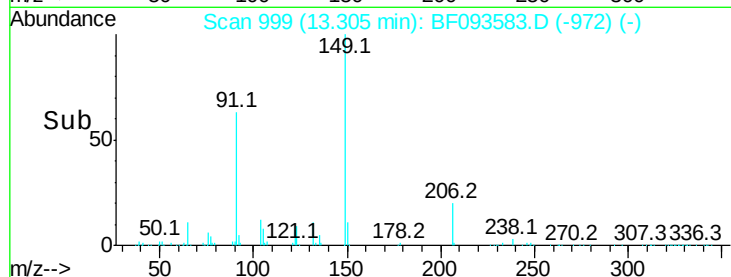
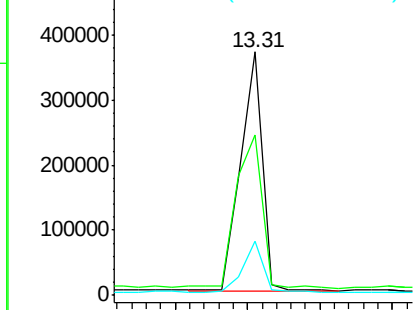
#79
Butylbenzylphthalate
Concen: 38.50 ng
RT: 13.31 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.0	63.9	95.9
206	22.2	14.6	21.8#

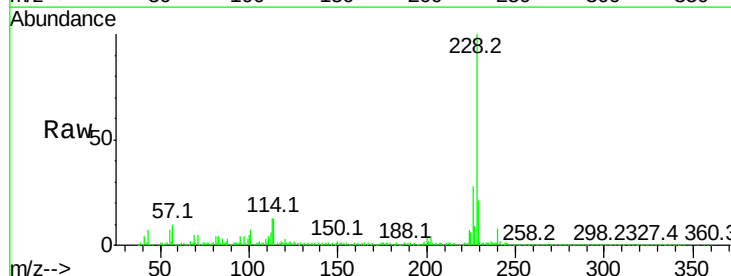


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

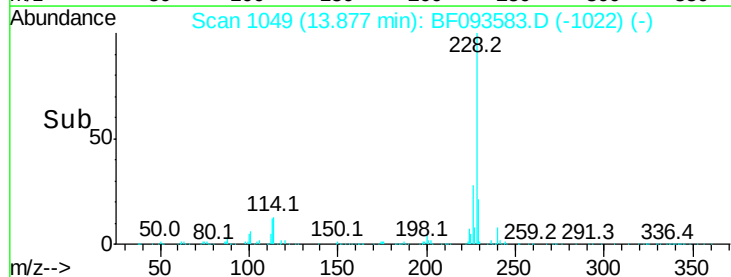
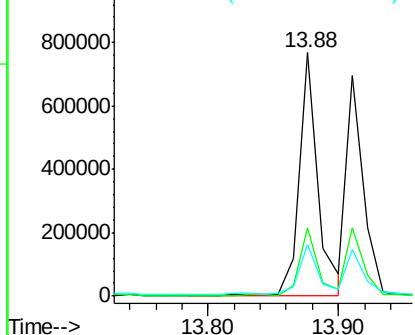


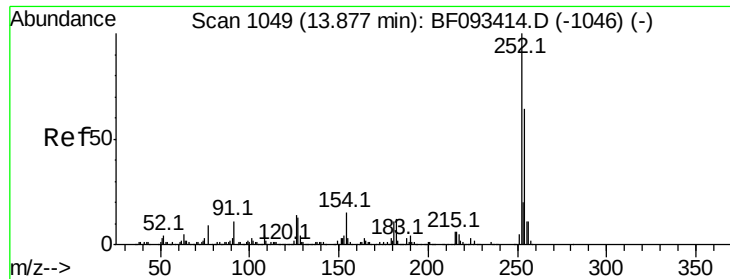
#80
Benzo(a)anthracene
Concen: 39.83 ng
RT: 13.88 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF093583.D
Acq: 11 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	21.1	16.2	24.4



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

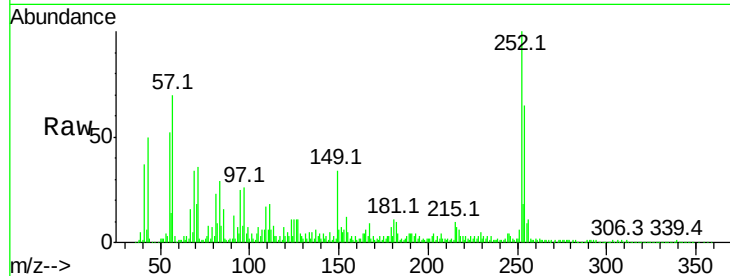




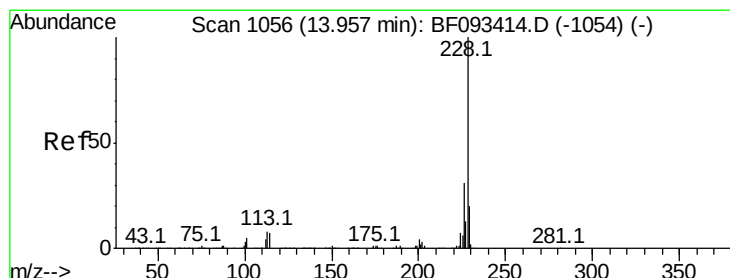
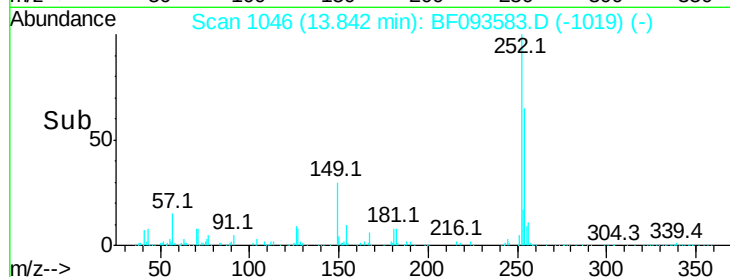
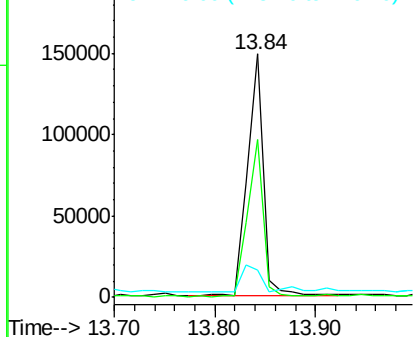
#81
 3,3'-Dichlorobenzidine
 Concen: 24.59 ng
 RT: 13.84 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 163705
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.3 78.5
 126 11.1 13.6 20.4#

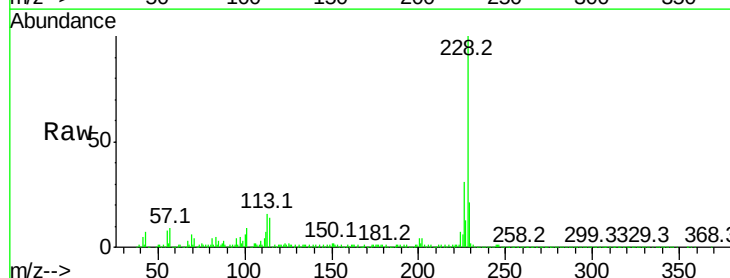


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

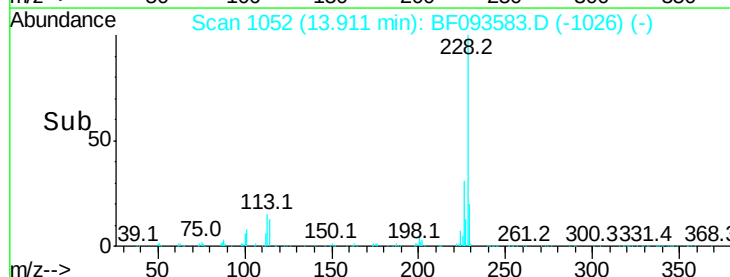
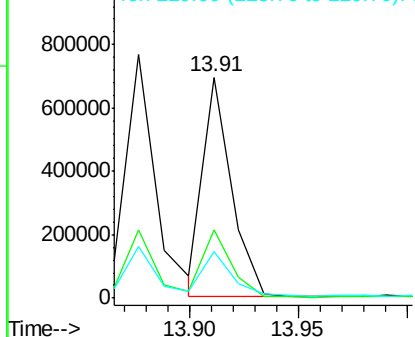


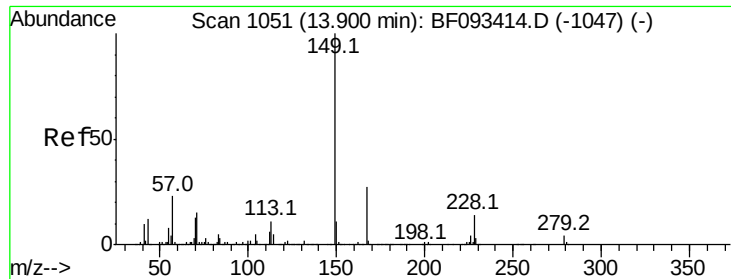
#82
 Chrysene
 Concen: 35.82 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion:228 Resp: 629967
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 21.1 16.2 24.2



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

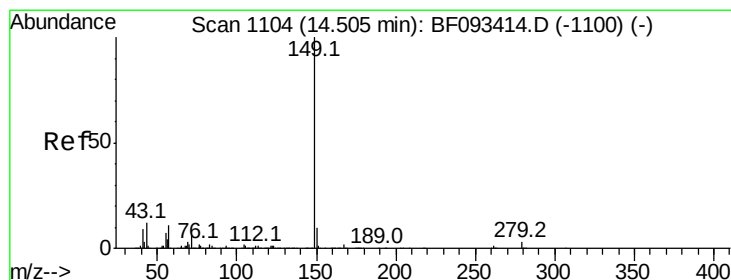
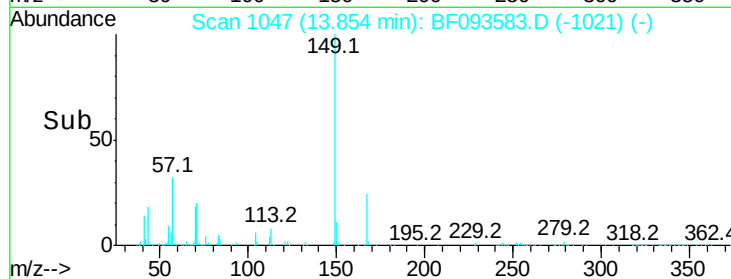
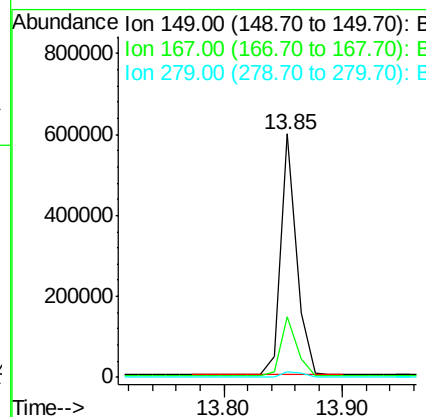
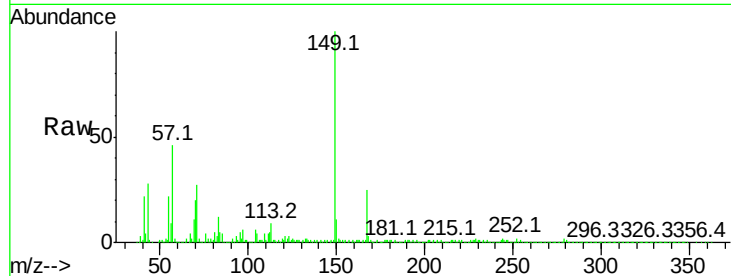




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.02 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

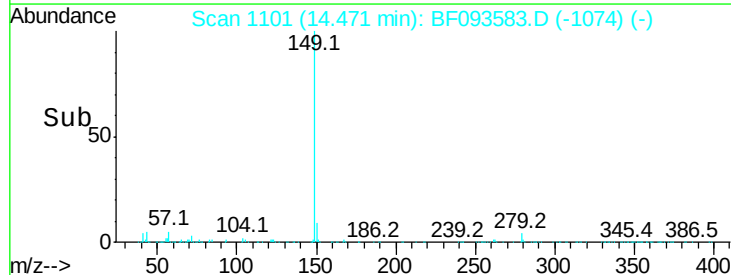
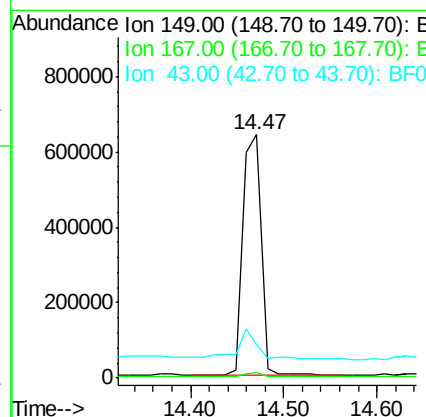
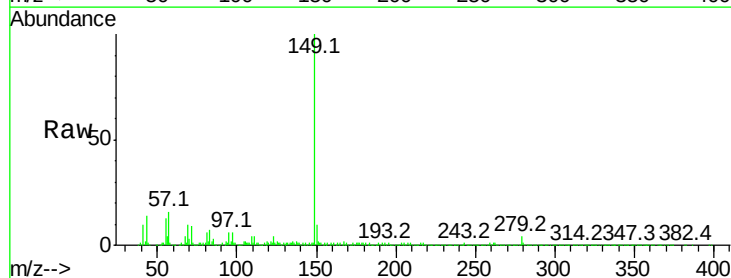
Instrument :
 BNA_F
 ClientSampleId :

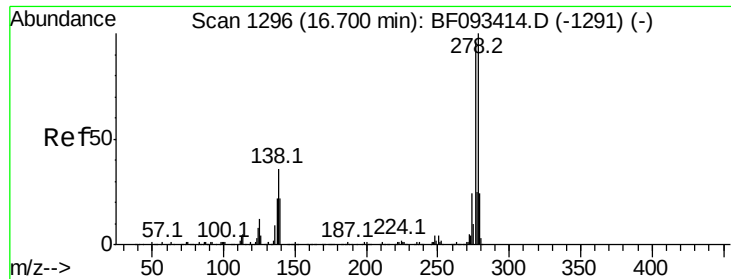
Tot Ion:149 Resp: 549621
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.2 30.4
 279 2.1 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 38.15 ng
 RT: 14.47 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion:149 Resp: 873293
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 10.8 8.9 13.3

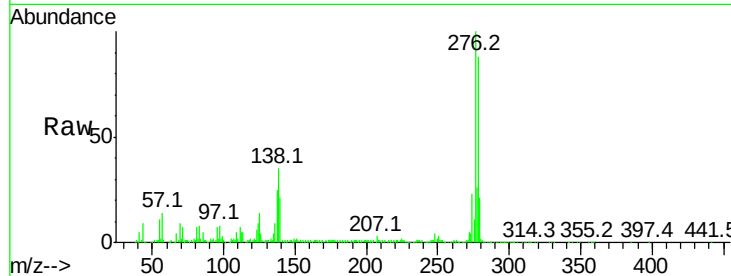




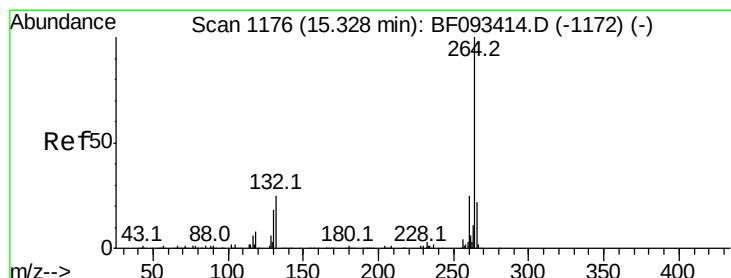
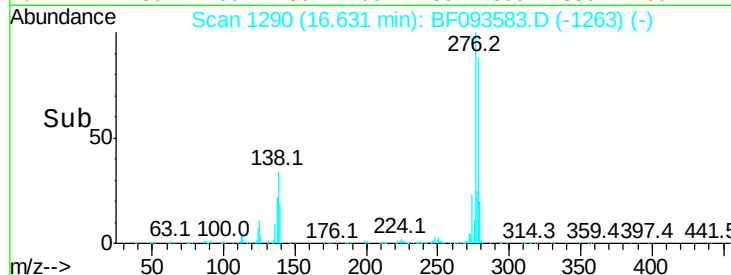
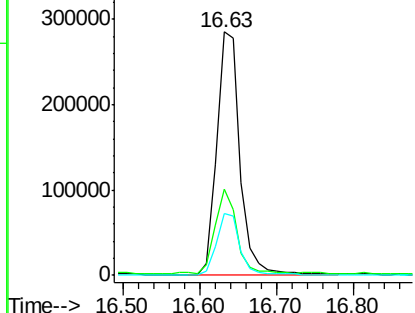
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.69 ng
 RT: 16.63 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 598928
 Ion Ratio Lower Upper
 276 100
 138 32.1 21.8 32.6
 277 25.8 20.2 30.4

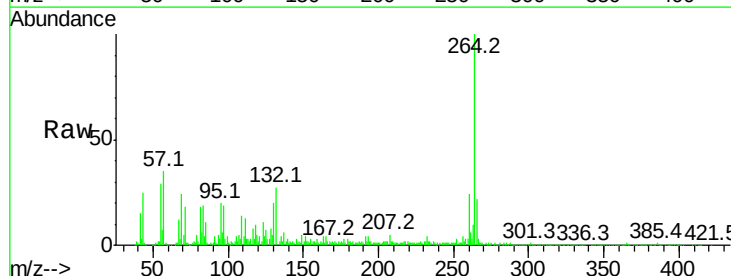


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

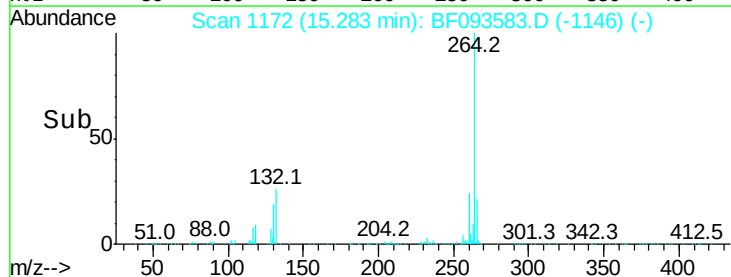
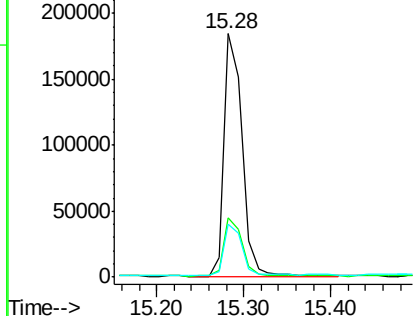


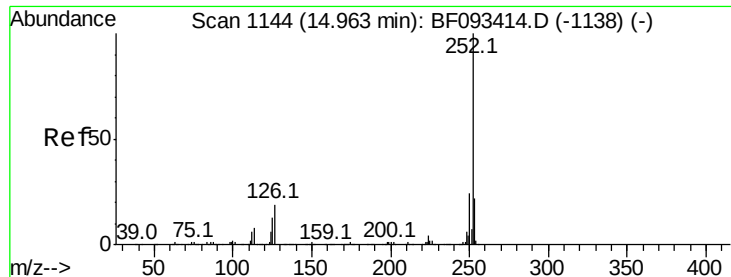
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Tgt Ion:264 Resp: 266408
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 78.06 ng

RT: 14.89 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

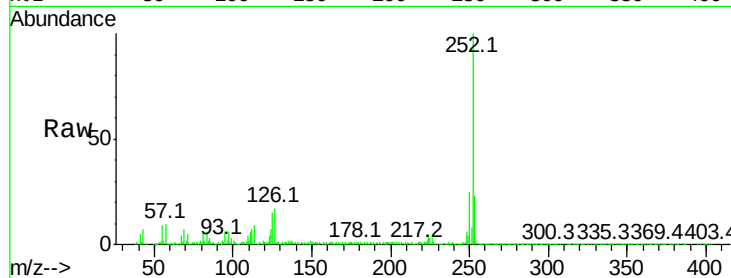
Tot Ion:252 Resp: 1266575

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

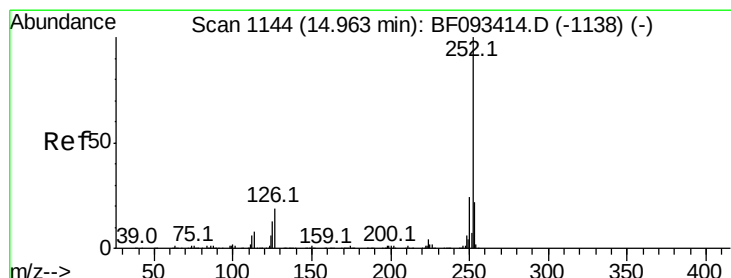
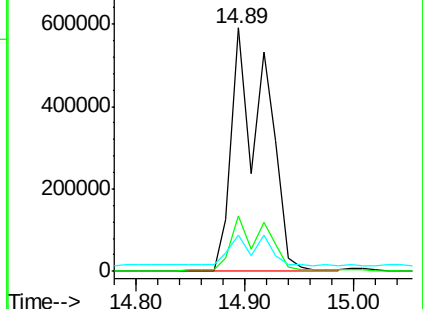
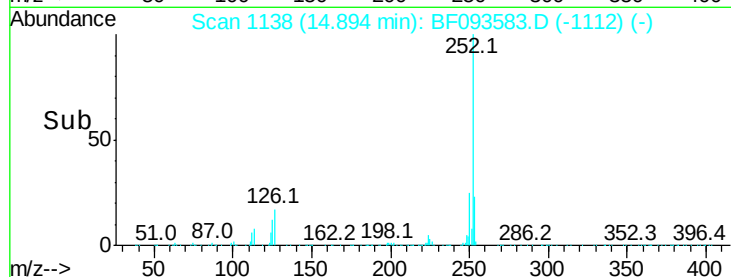
125 15.0 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 80.95 ng

RT: 14.89 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

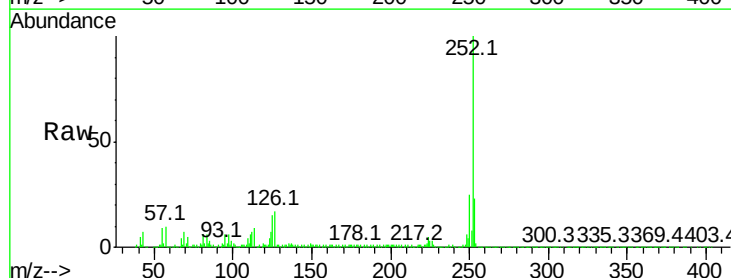
Tgt Ion:252 Resp: 1266575

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

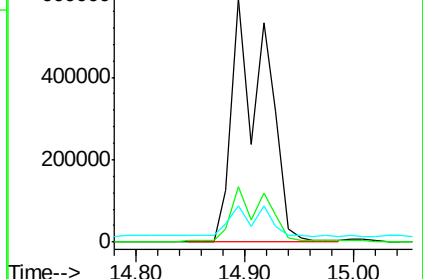
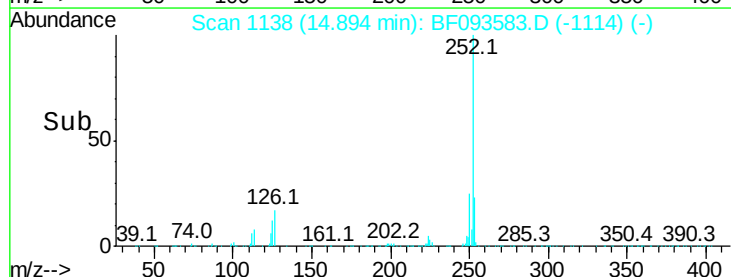
125 15.0 8.9 13.3#

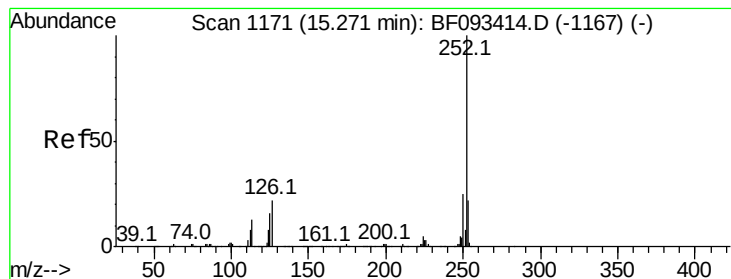


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.63 ng

RT: 15.24 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

Instrument :

BNA_F

ClientSampleId :

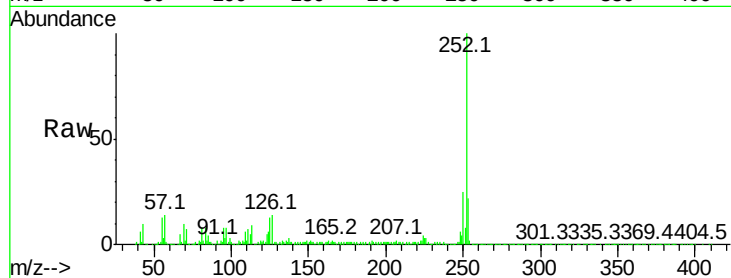
Tot Ion:252 Resp: 617262

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

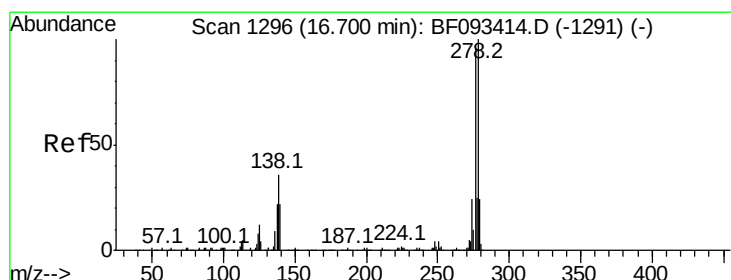
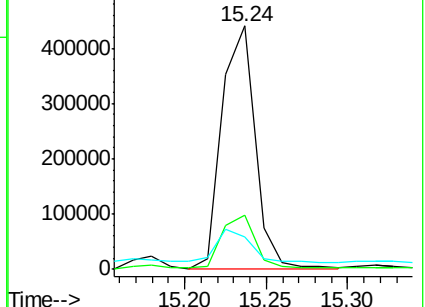
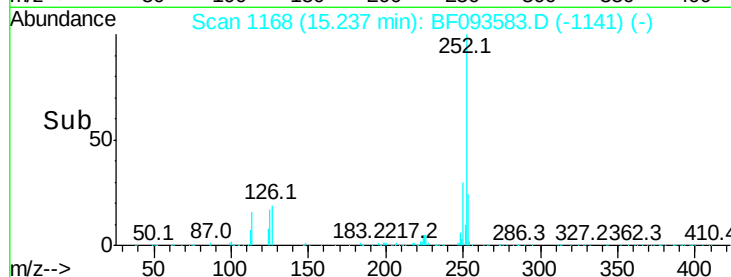
125 13.3 10.0 15.0



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: 41.41 ng

RT: 16.63 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF093583.D

Acq: 11 Mar 2017 22:33

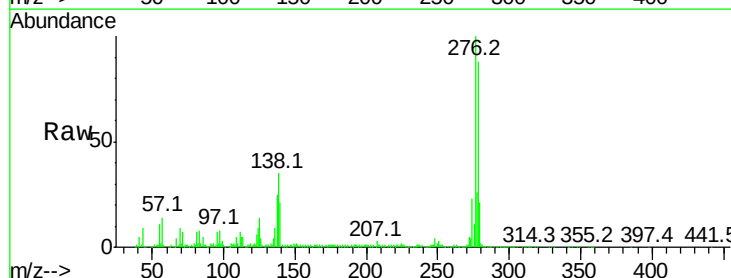
Tgt Ion:278 Resp: 508043

Ion Ratio Lower Upper

278 100

139 23.3 14.8 22.2#

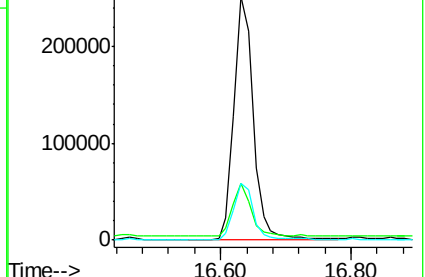
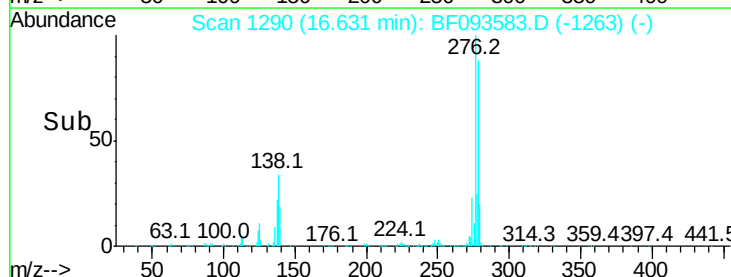
279 23.5 19.8 29.6

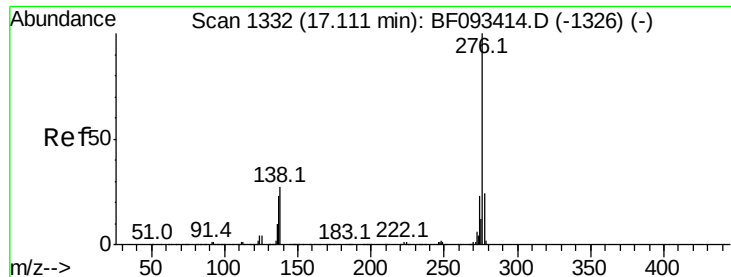


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.71 ng
 RT: 17.04 min Scan# 1326
 Delta R.T. 0.02 min
 Lab File: BF093583.D
 Acq: 11 Mar 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	27.0	16.0	24.0

