

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093528.D
 Acq On : 10 Mar 2017 18:05
 Operator : SJ/MA
 Sample : I2172-21MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-38MS

Quant Time: Mar 10 22:16:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	185502	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	740048	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	358190	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	595938	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	471820	20.00	ng	-0.01
86) Perylene-d12	15.31	264	247627	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	1463307	131.29	ng	0.02
7) Phenol-d6	6.42	99	1823272	129.72	ng	0.01
23) Nitrobenzene-d5	7.32	82	1169667	87.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	323633	138.68	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1811079	94.05	ng	-0.03
78) Terphenyl-d14	12.85	244	1622485	89.41	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	241801	39.39	ng	# 70
3) Pyridine	3.13	79	255268	16.31	ng	93
4) n-Nitrosodimethylamine	3.03	42	343508	45.95	ng	86
6) Aniline	6.49	93	555110	28.78	ng	# 24
8) 2-Chlorophenol	6.55	128	535330	42.87	ng	96
9) Benzaldehyde	6.31	77	85362	7.13	ng	98
10) Phenol	6.44	94	677266	39.32	ng	# 71
11) bis(2-Chloroethyl)ether	6.49	93	555110	39.88	ng	98
12) 1,3-Dichlorobenzene	6.92	146	521749	36.50	ng	96
13) 1,4-Dichlorobenzene	6.76	146	574468	39.25	ng	99
14) 1,2-Dichlorobenzene	6.92	146	529353	40.85	ng	96
15) Benzyl Alcohol	6.92	79	276093	27.56	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1012692	43.79	ng	99
17) 2-Methylphenol	7.04	107	451168	42.71	ng	97
18) Hexachloroethane	7.25	117	204427	41.42	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	416179	43.07	ng	92
20) 3+4-Methylphenols	7.20	107	613901	44.81	ng	# 72
22) Acetophenone	7.17	105	806269	45.27	ng	# 94
24) Nitrobenzene	7.34	77	672347	44.85	ng	97
25) Isophorone	7.58	82	1204285	44.77	ng	97
26) 2-Nitrophenol	7.66	139	307056	44.90	ng	87
27) 2,4-Dimethylphenol	7.72	122	484158	43.52	ng	93
28) bis(2-Chloroethoxy)methane	7.78	93	690077	40.64	ng	99
29) 2,4-Dichlorophenol	7.92	162	491204	46.93	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	465260	41.80	ng	94
31) Naphthalene	8.05	128	1530161	41.26	ng	99
32) Benzoic acid	7.88	122	243220	42.07	ng	93
33) 4-Chloroaniline	8.05	127	205815	13.68	ng	# 35
34) Hexachlorobutadiene	8.16	225	254352	44.36	ng	99
35) Caprolactam	8.49	113	94630	26.47	ng	# 21
36) 4-Chloro-3-methylphenol	8.63	107	491074	43.96	ng	92
37) 2-Methylnaphthalene	8.73	142	1030915	43.69	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	452281	46.24	ng	99
40) Hexachlorocyclopentadiene	8.88	237	240031	94.65	ng	95

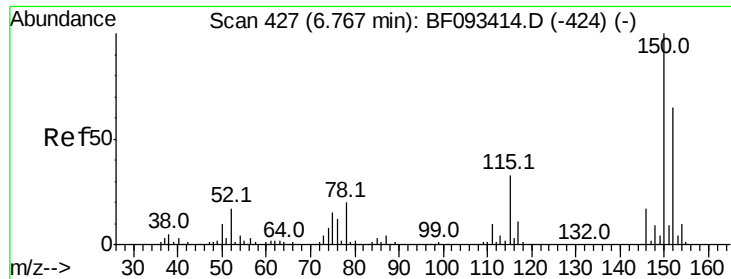
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093528.D
 Acq On : 10 Mar 2017 18:05
 Operator : SJ/MA
 Sample : I2172-21MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-38MS

Quant Time: Mar 10 22:16:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	318146	52.06	nq	92
43) 2,4,5-Trichlorophenol	9.10	196	261615	39.90	nq	# 89
45) 1,1'-Biphenyl	9.20	154	1189423	45.58	nq	96
46) 2-Chloronaphthalene	9.22	162	951973	47.66	nq	96
47) 2-Nitroaniline	9.34	65	313545	44.41	nq	89
48) Acenaphthylene	9.64	152	1501739	45.59	nq	99
49) Dimethylphthalate	9.51	163	1189696	50.10	nq	99
50) 2,6-Dinitrotoluene	9.58	165	244182	46.86	nq	# 53
51) Acenaphthene	9.81	154	888438	45.61	nq	96
52) 3-Nitroaniline	9.77	138	25991	4.15	nq	# 84
53) 2,4-Dinitrophenol	9.89	184	179318	75.57	nq	# 80
54) Dibenzofuran	9.98	168	1294842	53.11	nq	91
55) 4-Nitrophenol	9.98	139	772147	253.95	nq	# 20
56) 2,4-Dinitrotoluene	9.99	165	316114	49.38	nq	# 81
57) Fluorene	10.32	166	1010993	48.94	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	257600	55.67	nq	95
59) Diethylphthalate	10.21	149	1187786	52.34	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	473290	51.11	nq	# 74
61) 4-Nitroaniline	10.38	138	116434	18.19	nq	89
62) Azobenzene	10.48	77	1098080	42.58	nq	87
64) 4,6-Dinitro-2-methylphenol	10.40	198	142466	36.90	nq	# 42
65) n-Nitrosodiphenylamine	10.44	169	366449	18.42	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	261177	41.44	nq	96
67) Hexachlorobenzene	10.87	284	263085	43.72	nq	# 79
68) Atrazine	10.97	200	66625	11.44	nq	95
69) Pentachlorophenol	11.09	266	184550	88.83	nq	98
70) Phenanthrene	11.28	178	1475626	43.38	nq	99
71) Anthracene	11.34	178	1442043	41.91	nq	99
72) Carbazole	11.50	167	586077	18.13	nq	99
73) Di-n-butylphthalate	11.82	149	1622728	43.39	nq	98
74) Fluoranthene	12.47	202	1484112	45.17	nq	97
77) Pyrene	12.70	202	1478681	43.09	nq	99
79) Butylbenzylphthalate	13.32	149	694693	48.09	nq	93
80) Benzo(a)anthracene	13.90	228	1273734	45.71	nq	99
82) Chrysene	13.93	228	1236344	47.96	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1007504	50.04	nq	# 96
84) Di-n-octyl phthalate	14.48	149	1640483	48.89	nq	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	865866	40.13	nq	# 93
87) Benzo(b)fluoranthene	14.92	252	2195065	145.55	nq	99
88) Benzo(k)fluoranthene	14.92	252	2195065	150.93	nq	97
89) Benzo(a)pyrene	15.26	252	923345	66.99	nq	97
90) Dibenzo(a,h)anthracene	16.67	278	791463	69.41	nq	# 95
91) Benzo(g,h,i)perylene	17.08	276	732976	62.63	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampled :

D-38MS

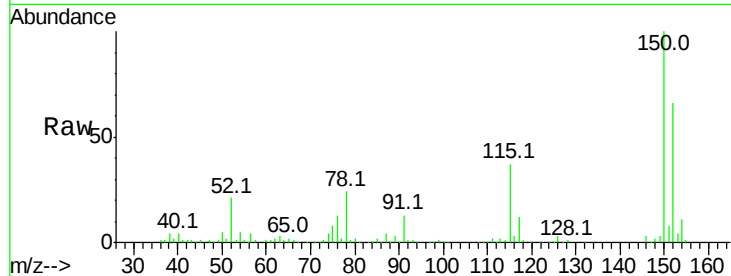
Tot Ion:152 Resp: 185502

Ion Ratio Lower Upper

152 100

150 152.6 124.9 187.3

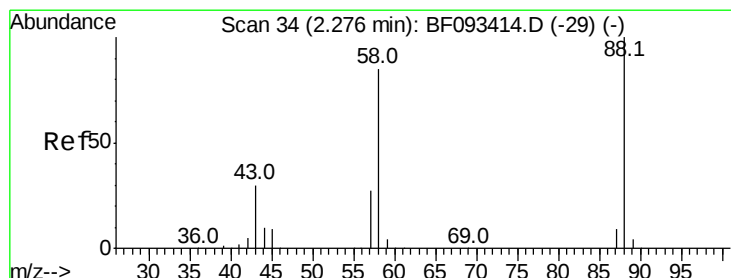
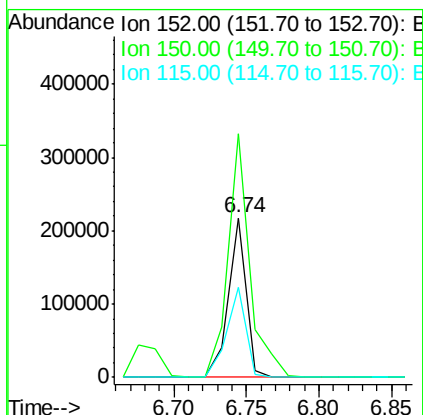
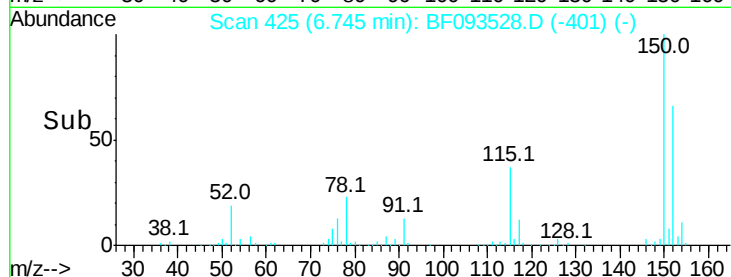
115 56.3 46.0 69.0



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: 39.39 ng

RT: 2.42 min Scan# 47

Delta R.T. 0.15 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

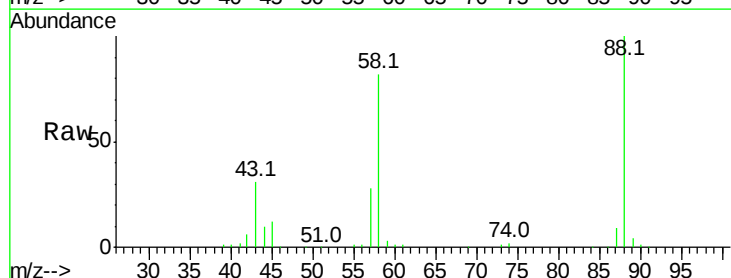
Tgt Ion: 88 Resp: 241801

Ion Ratio Lower Upper

88 100

58 89.8 57.8 86.8#

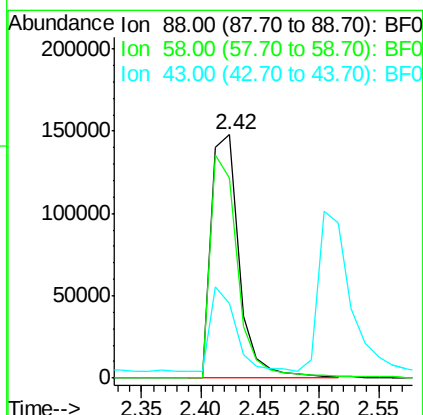
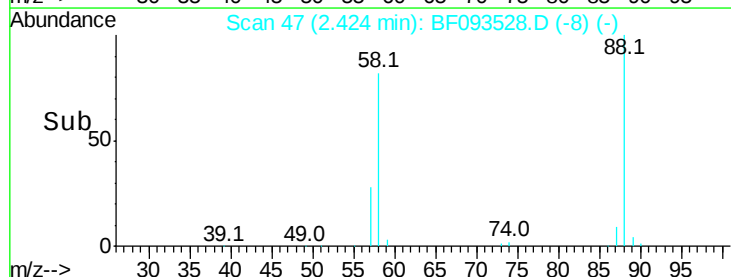
43 0.0 22.3 33.5#

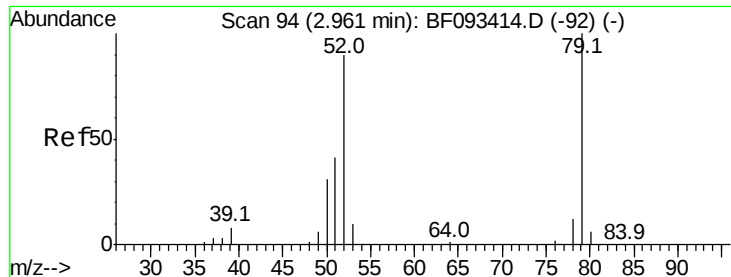


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 16.31 ng

RT: 3.13 min Scan# 109

Delta R.T. 0.17 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

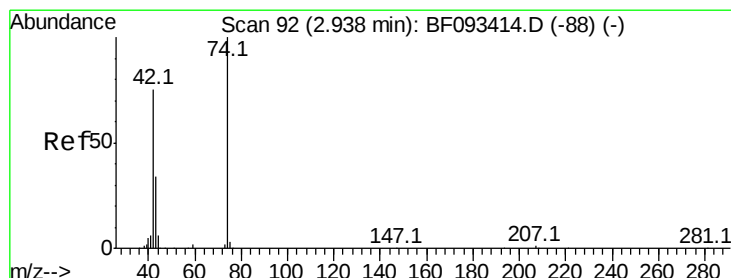
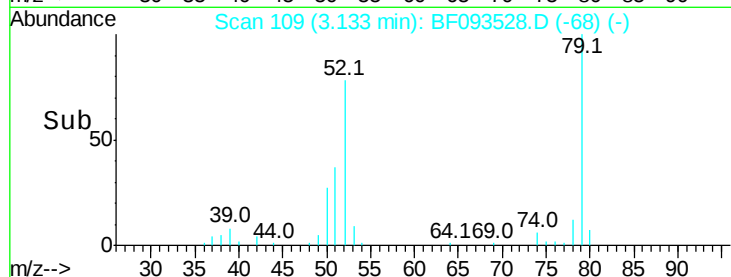
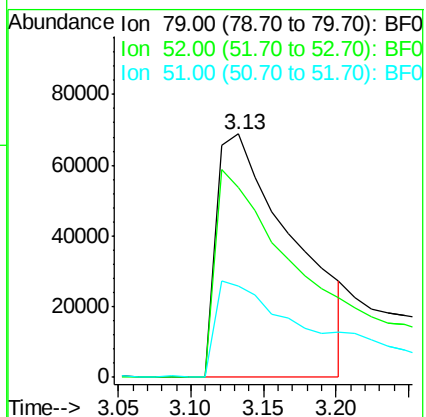
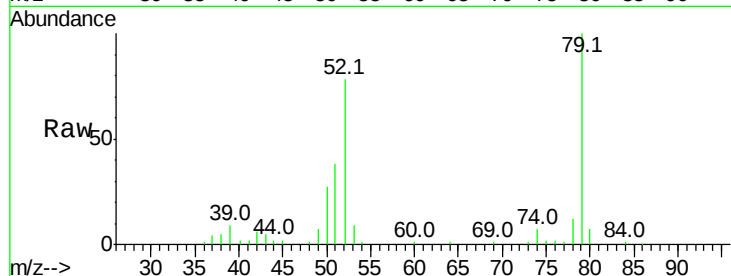
Tot Ion: 79 Resp: 255268

Ion Ratio Lower Upper

79 100

52 78.0 57.1 85.7

51 37.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 45.95 ng

RT: 3.03 min Scan# 100

Delta R.T. 0.09 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

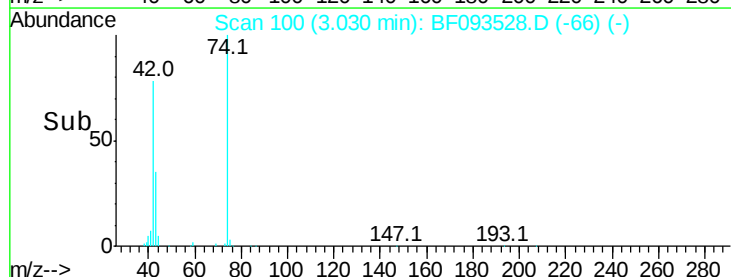
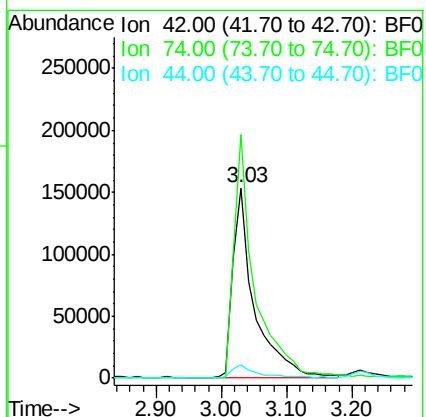
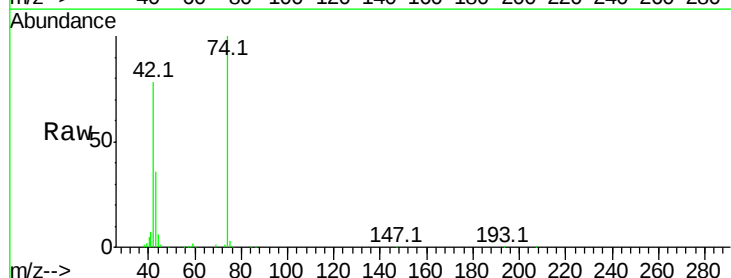
Tgt Ion: 42 Resp: 343508

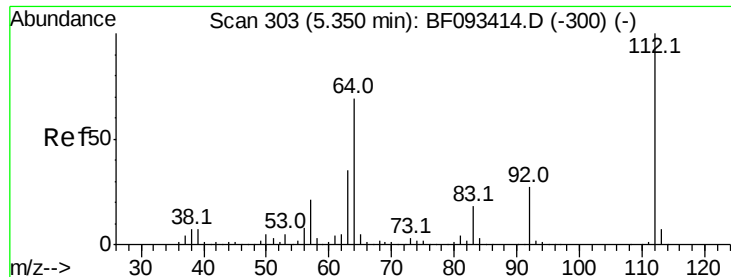
Ion Ratio Lower Upper

42 100

74 127.8 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 131.29 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleID :

D-38MS

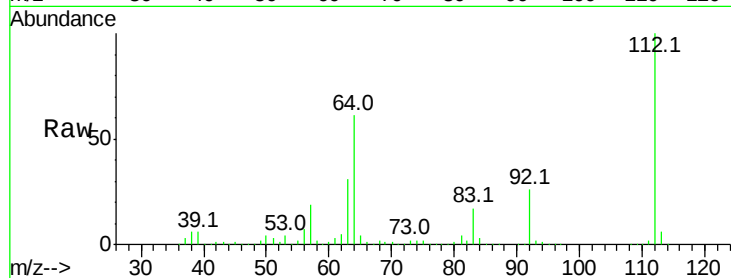
Tot Ion:112 Resp: 1463307

Ion Ratio Lower Upper

112 100

64 60.8 46.1 69.1

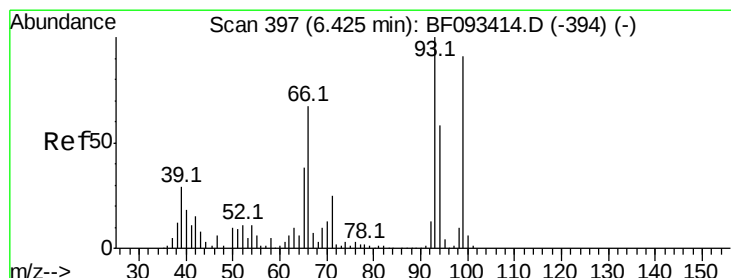
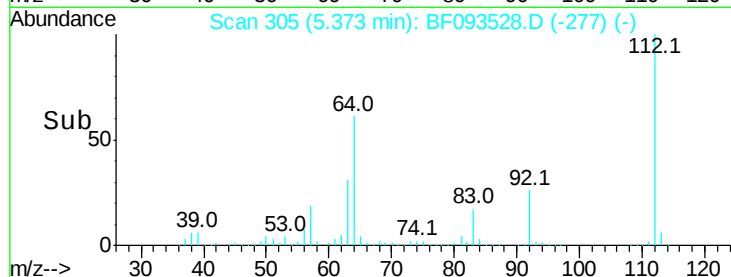
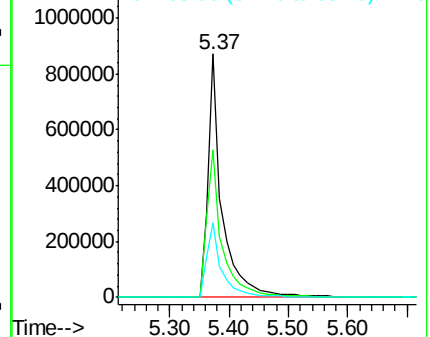
63 30.8 23.8 35.6



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: 28.78 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.07 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

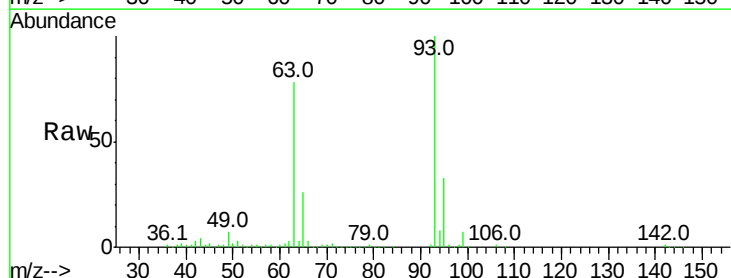
Tgt Ion: 93 Resp: 555110

Ion Ratio Lower Upper

93 100

66 2.6 76.2 114.2#

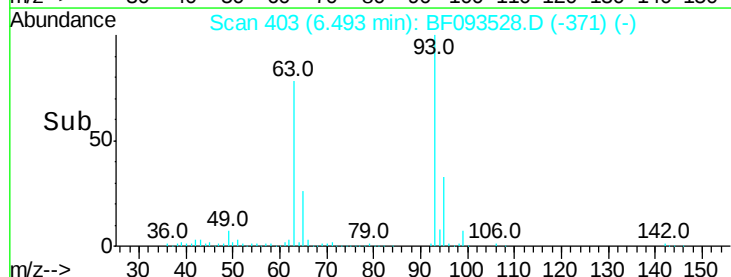
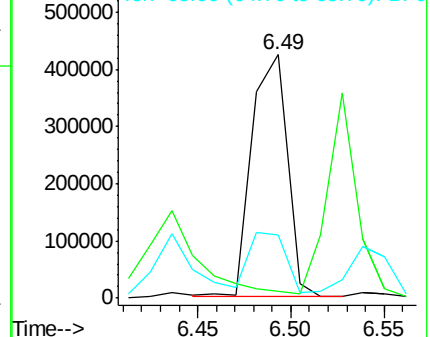
65 25.7 49.3 73.9#

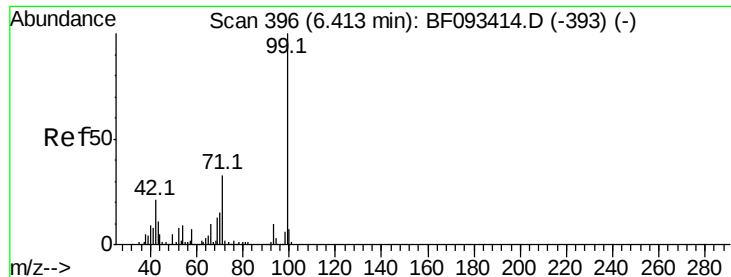


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.72 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

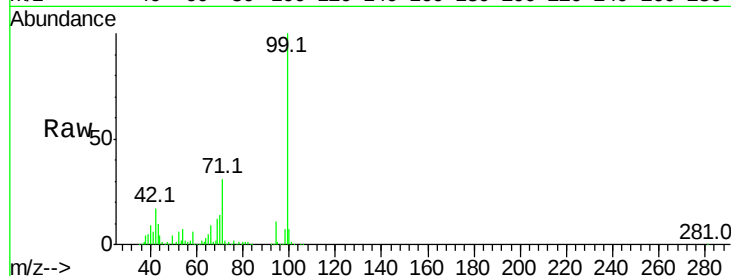
Tot Ion: 99 Resp: 1823272

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

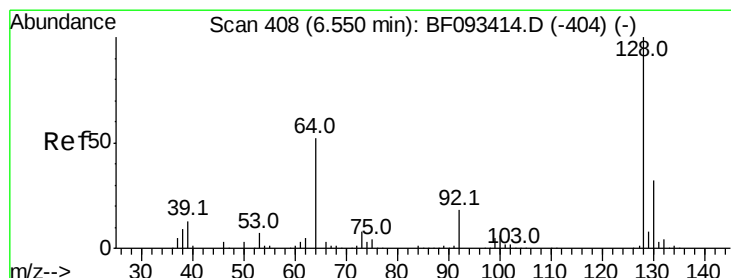
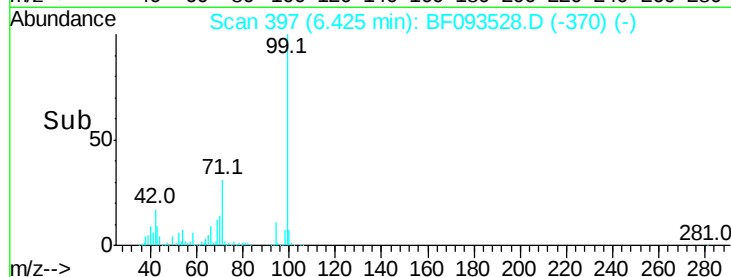
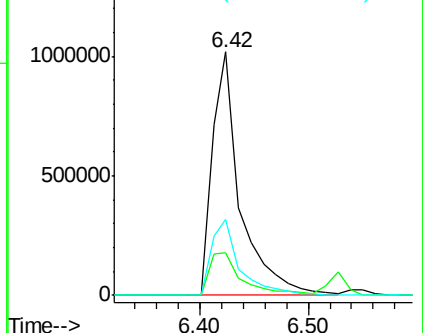
71 31.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.87 ng

RT: 6.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

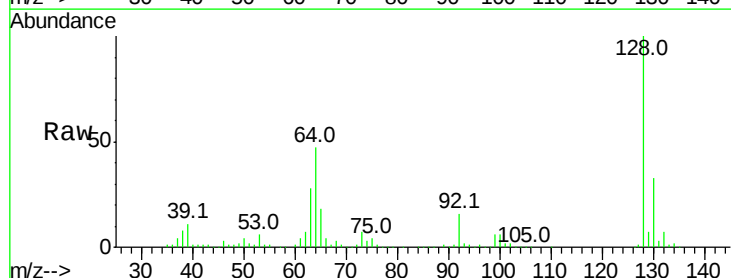
Tgt Ion:128 Resp: 535330

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

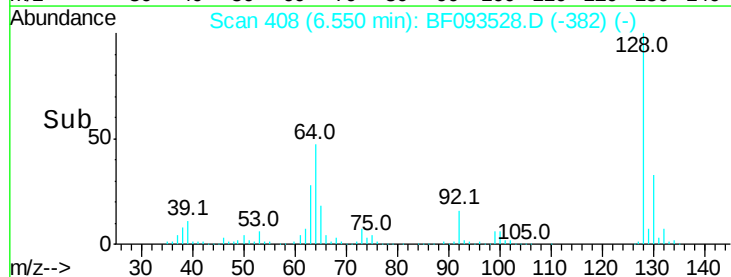
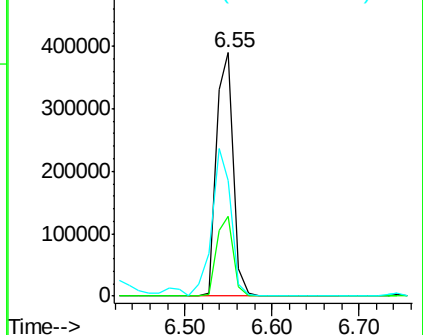
64 47.5 32.2 72.2

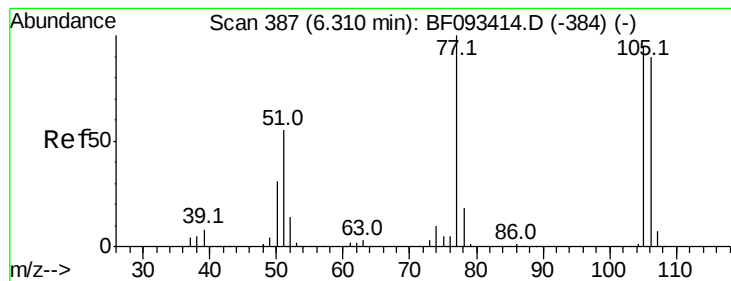


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.13 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

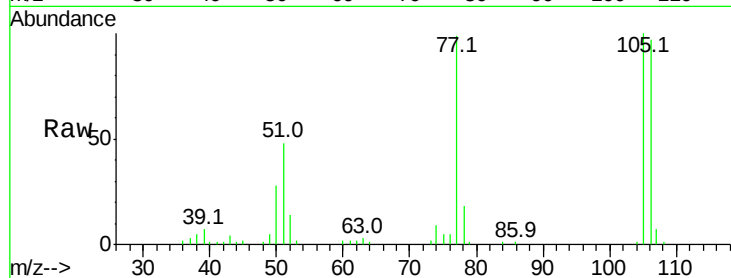
Tot Ion: 77 Resp: 85362

Ion Ratio Lower Upper

77 100

105 100.7 83.9 123.9

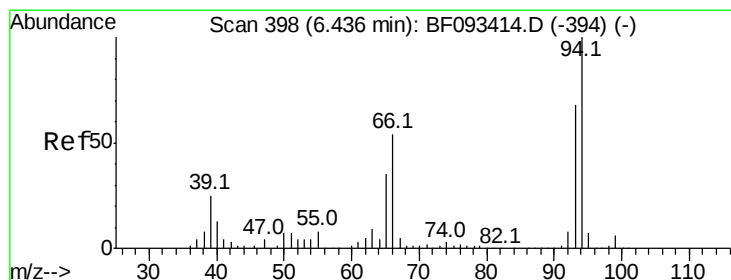
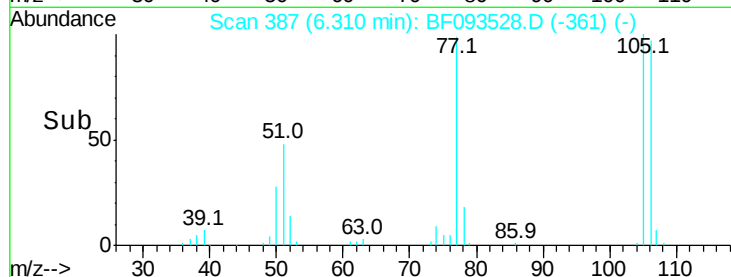
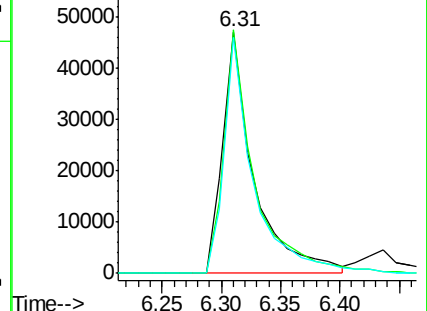
106 97.5 77.6 117.6



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: 39.32 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

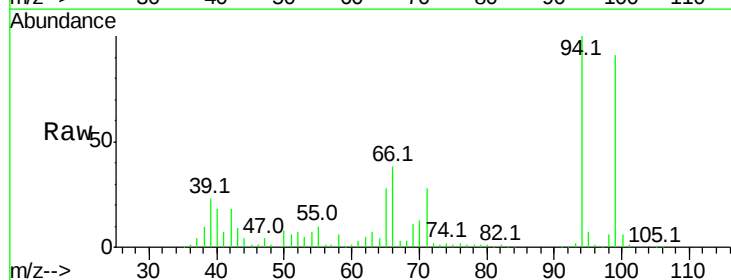
Tgt Ion: 94 Resp: 677266

Ion Ratio Lower Upper

94 100

65 28.0 21.4 61.4

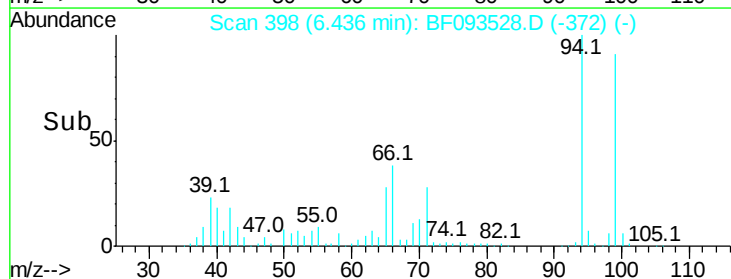
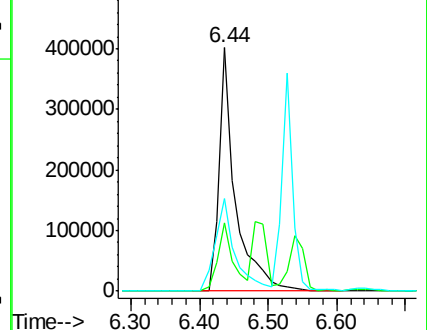
66 37.9 44.0 84.0#

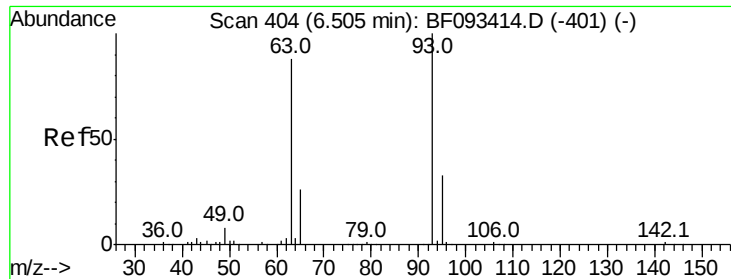


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

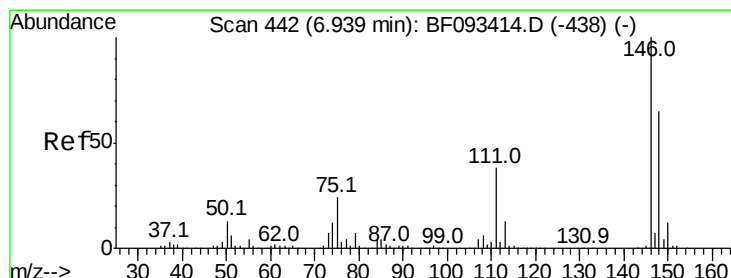
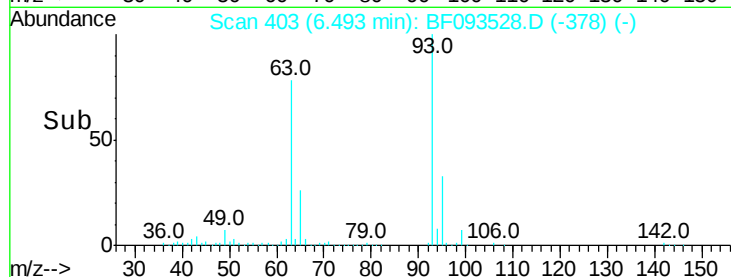
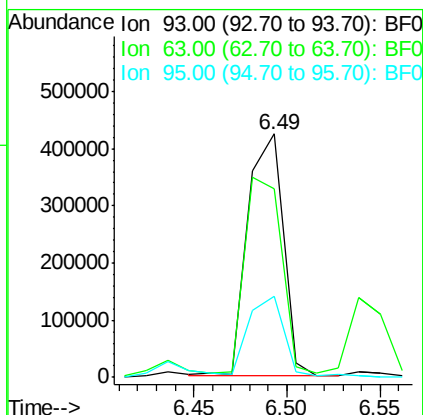
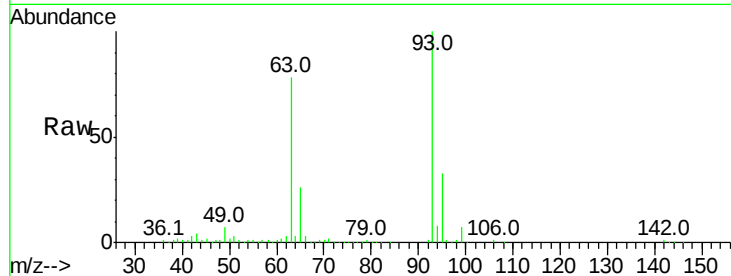




#11
bis(2-Chloroethyl)ether
Concen: 39.88 ng
RT: 6.49 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

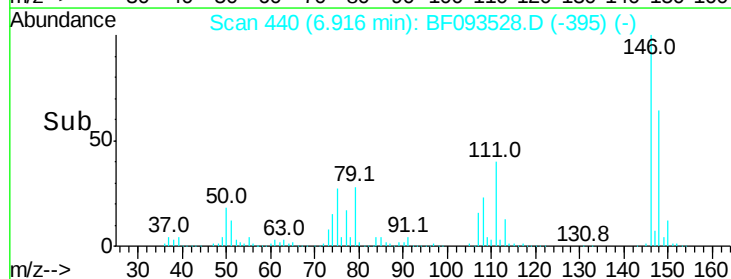
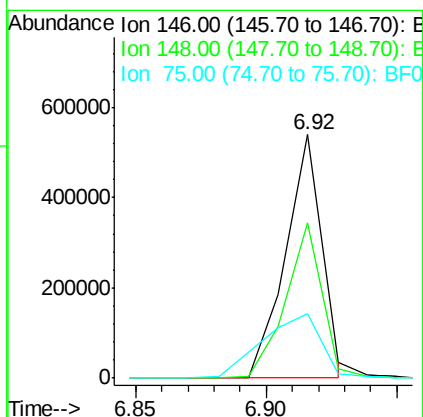
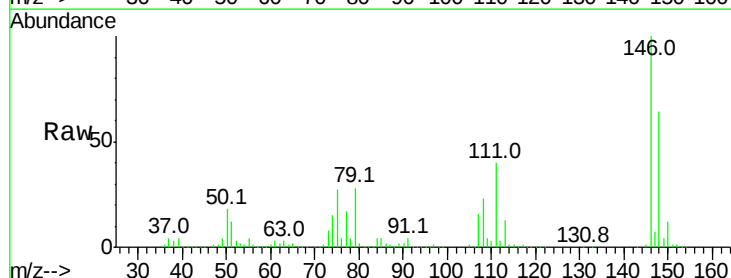
Instrument :
BNA_F
ClientSampleId :
D-38MS

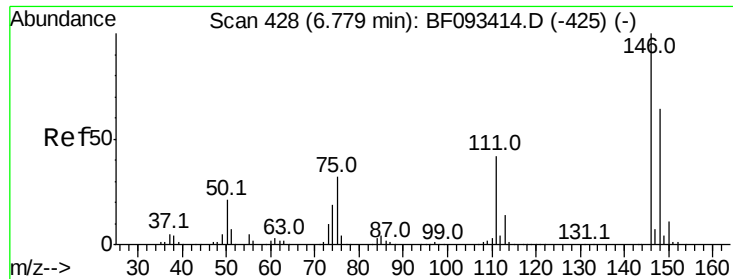
Tot Ion: 93 Resp: 555110
Ion Ratio Lower Upper
93 100
63 77.6 60.4 100.4
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.50 ng
RT: 6.92 min Scan# 440
Delta R.T. 0.22 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Tgt Ion: 146 Resp: 521749
Ion Ratio Lower Upper
146 100
148 63.8 53.4 80.0
75 26.6 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 39.25 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

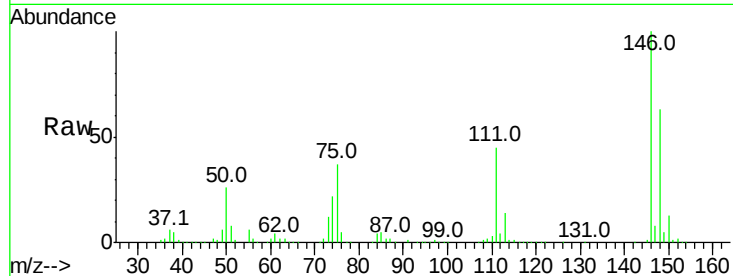
Tot Ion:146 Resp: 574468

Ion Ratio Lower Upper

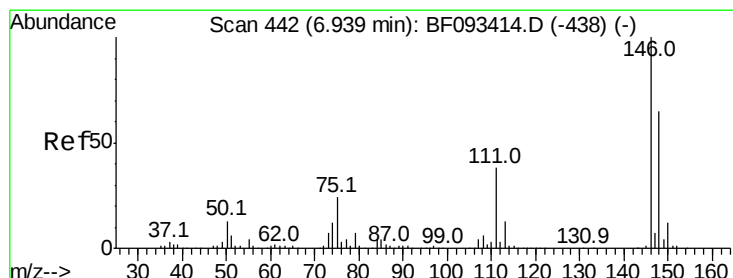
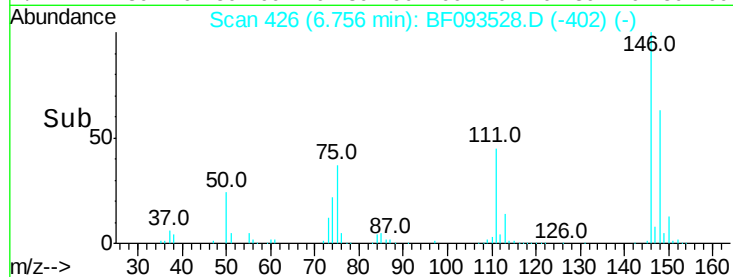
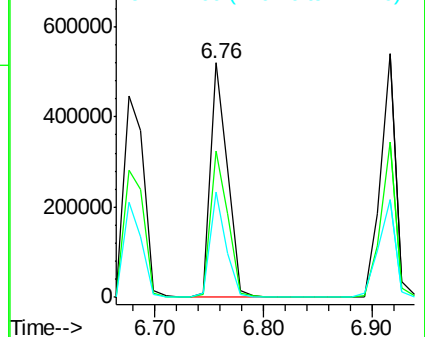
146 100

148 62.6 50.6 76.0

111 45.2 36.2 54.4



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



#14

1,2-Dichlorobenzene

Concen: 40.85 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

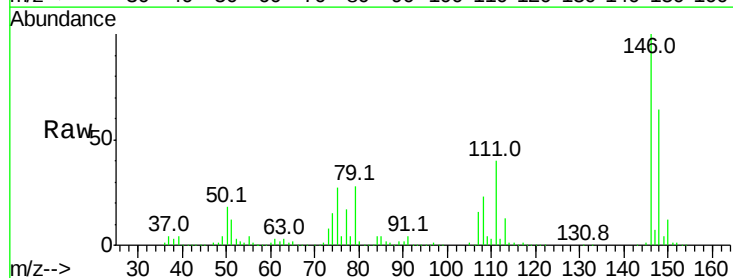
Tgt Ion:146 Resp: 529353

Ion Ratio Lower Upper

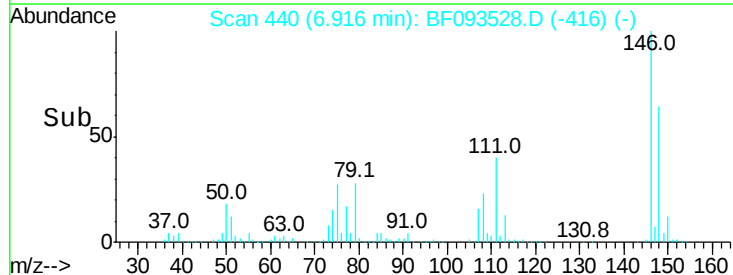
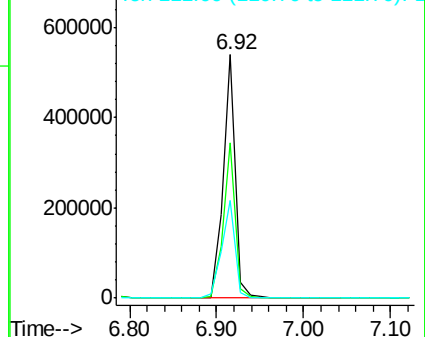
146 100

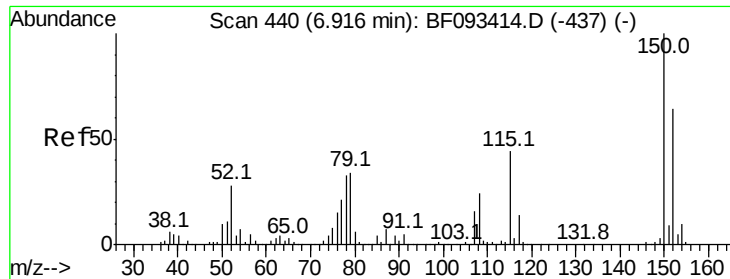
148 63.8 52.2 78.2

111 40.1 36.2 54.2



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

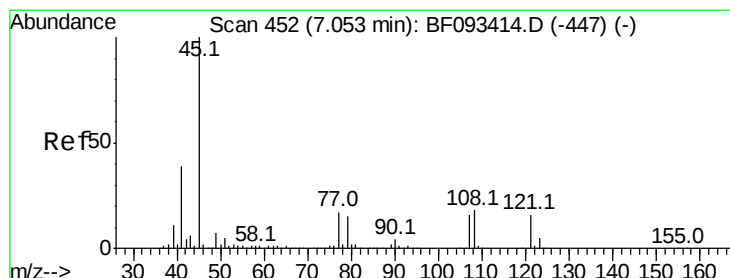
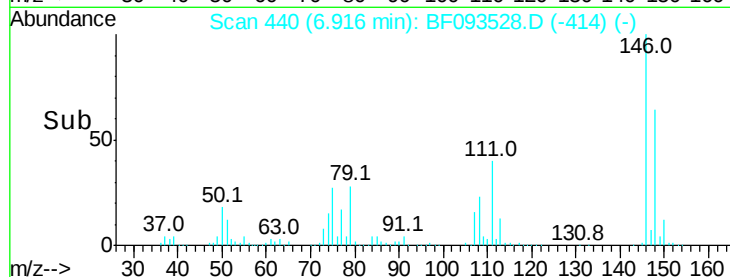
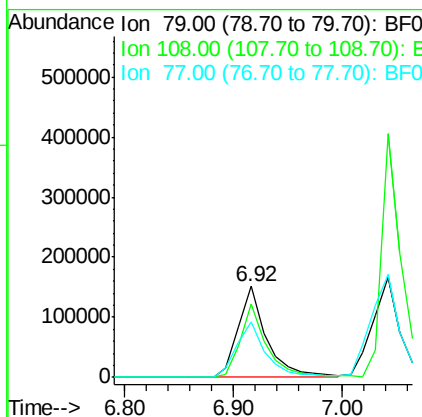
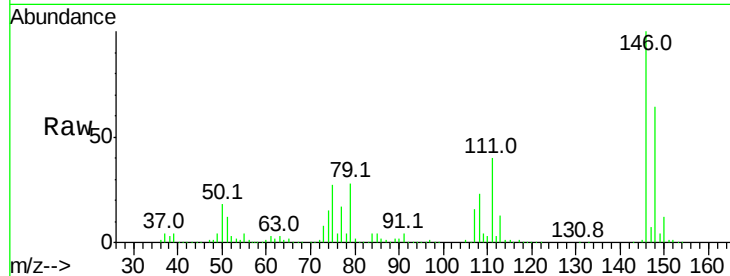




#15
Benzyl Alcohol
Concen: 27.56 ng
RT: 6.92 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

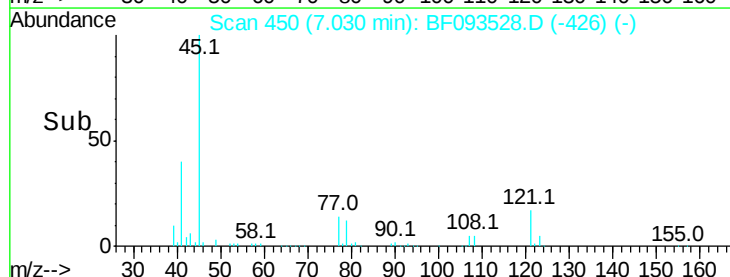
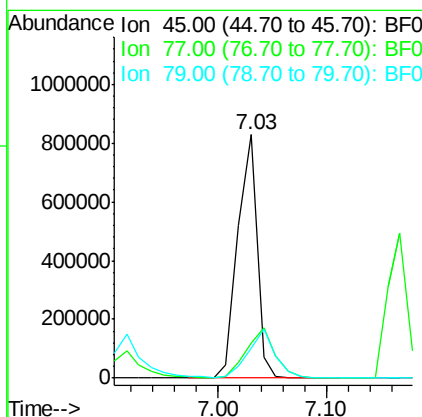
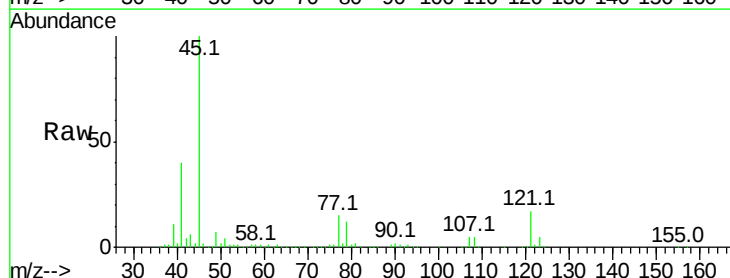
Instrument :
BNA_F
ClientSampleId :
D-38MS

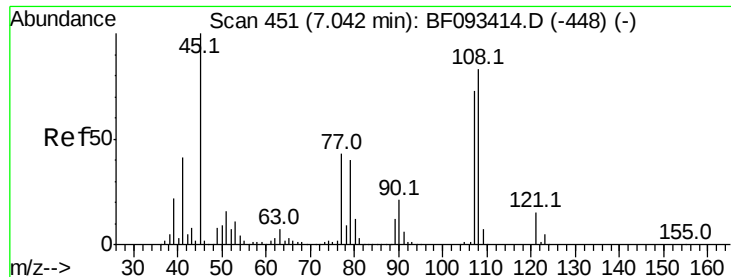
Tot Ion: 79 Resp: 276093
Ion Ratio Lower Upper
79 100
108 80.2 61.4 92.0
77 61.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.79 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Tgt Ion: 45 Resp: 1012692
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.6
79 12.3 0.0 31.2

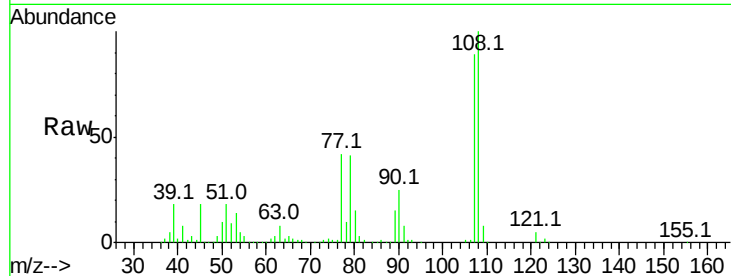




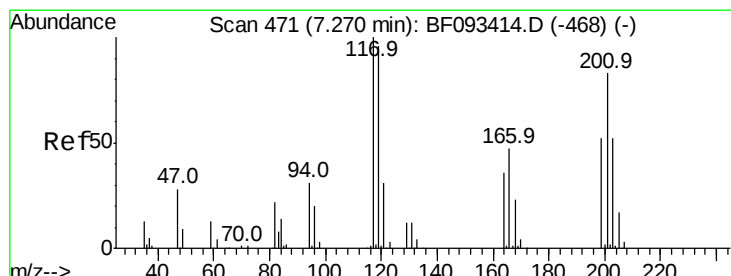
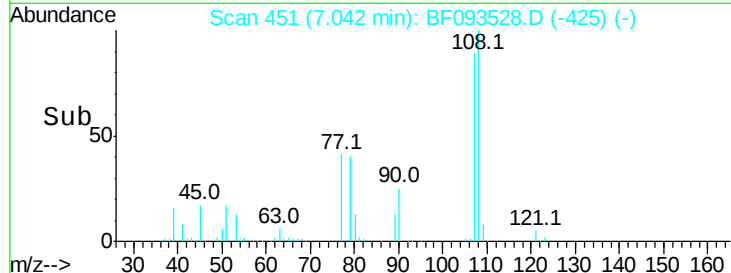
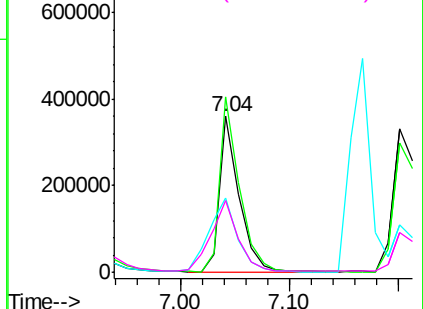
#17
2-Methylphenol
Concen: 42.71 ng
RT: 7.04 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Instrument :
BNA_F
ClientSampleId :
D-38MS

Tot Ion:107 Resp: 451168
Ion Ratio Lower Upper
107 100
108 112.4 93.0 139.6
77 47.6 39.8 59.8
79 46.3 38.0 57.0

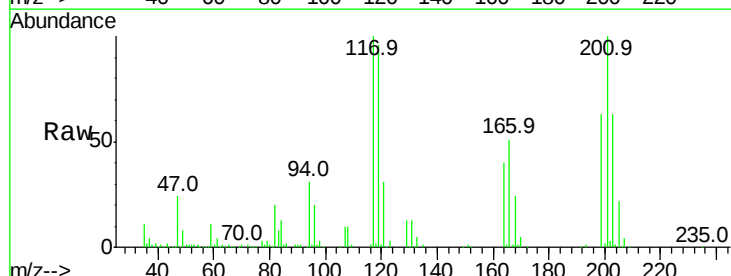


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

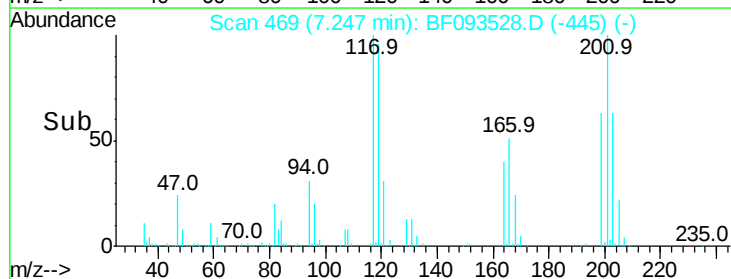
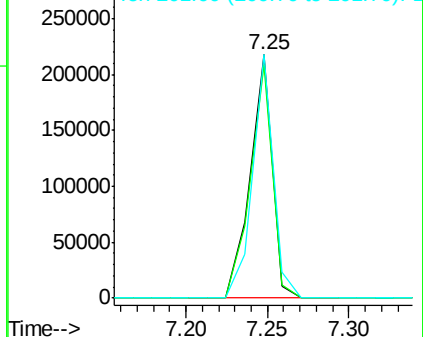


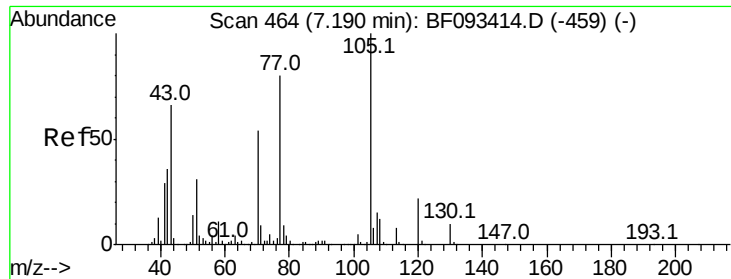
#18
Hexachloroethane
Concen: 41.42 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Tgt Ion:117 Resp: 204427
Ion Ratio Lower Upper
117 100
119 95.7 78.1 117.1
201 99.9 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

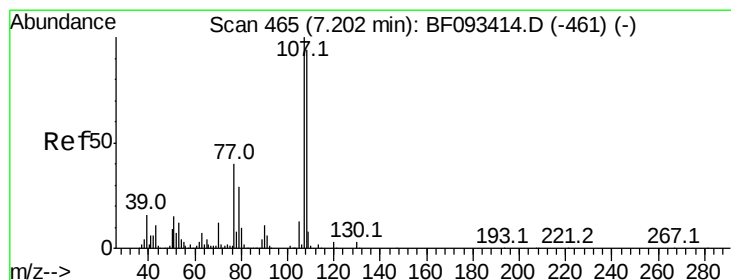
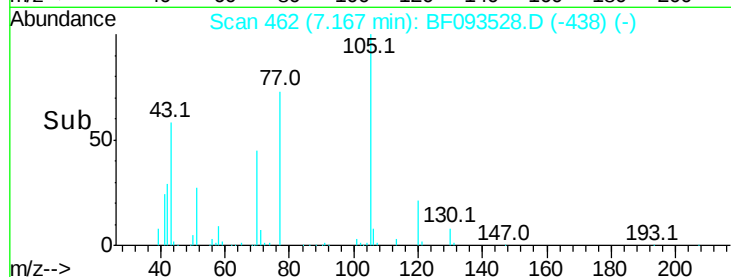
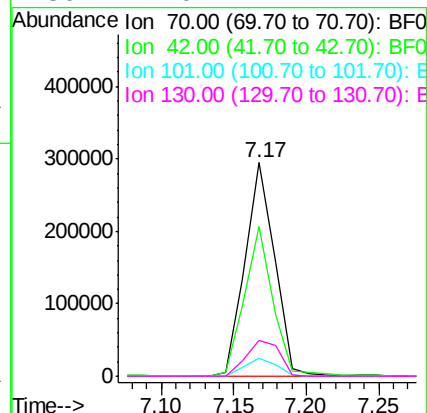
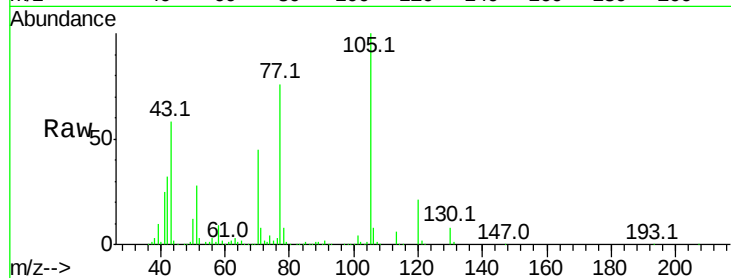




#19
n-Nitroso-di-n-propylamine
Concen: 43.07 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

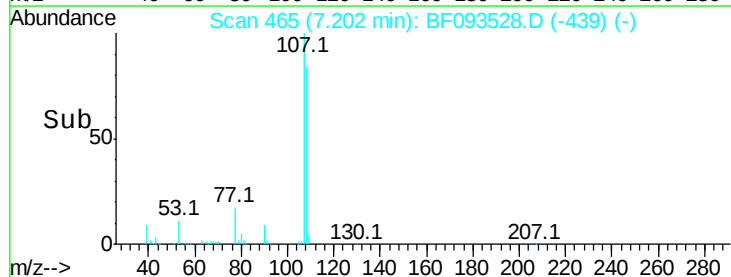
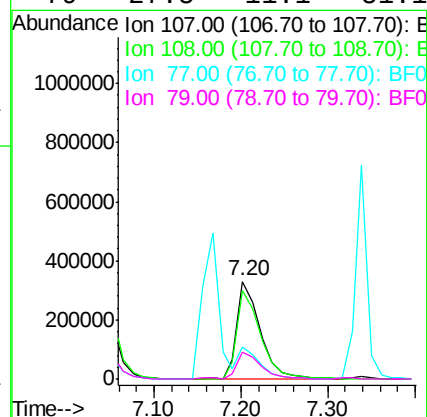
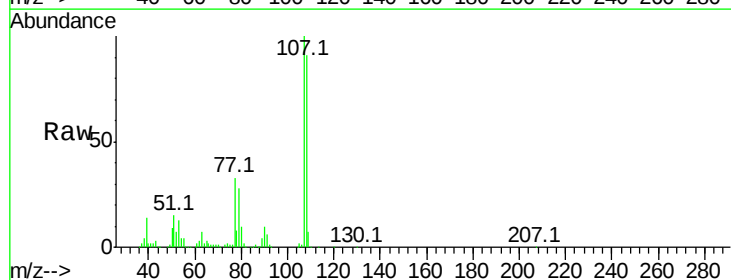
Instrument :
BNA_F
ClientSampleId :
D-38MS

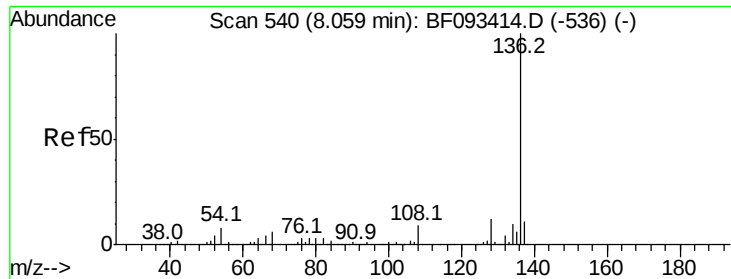
Tot Ion: 70 Resp: 416179
Ion Ratio Lower Upper
70 100
42 69.9 49.4 74.0
101 8.3 7.4 11.2
130 17.0 14.2 21.4



#20
3+4-Methylphenols
Concen: 44.81 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Tgt Ion:107 Resp: 613901
Ion Ratio Lower Upper
107 100
108 90.7 73.0 113.0
77 33.2 71.3 111.3#
79 27.5 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

Tot Ion:136 Resp: 740048

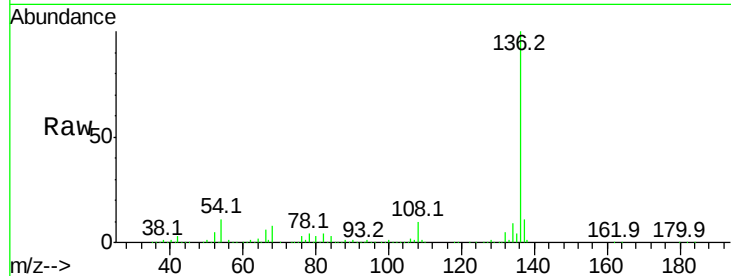
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.0 4.5 6.7#

68 7.6 3.6 5.4#

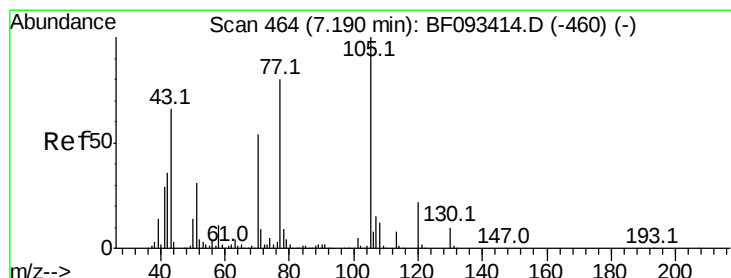
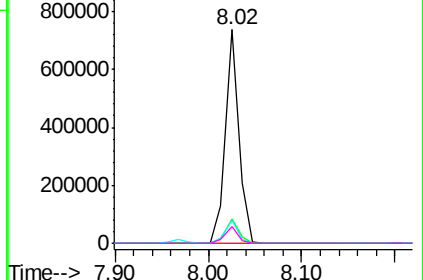
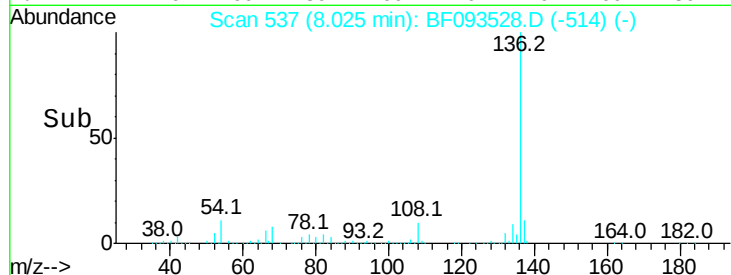


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 45.27 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Tgt Ion:105 Resp: 806269

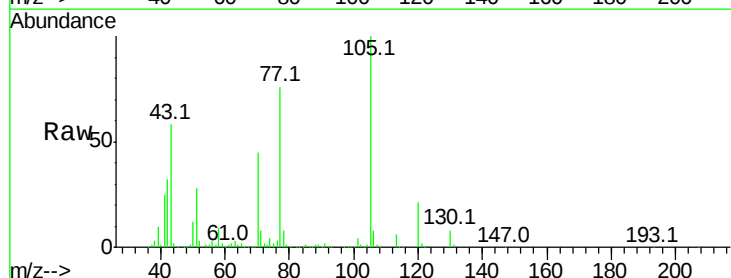
Ion Ratio Lower Upper

105 100

71 7.7 3.2 4.8#

51 28.4 26.2 39.4

120 21.3 16.6 24.8

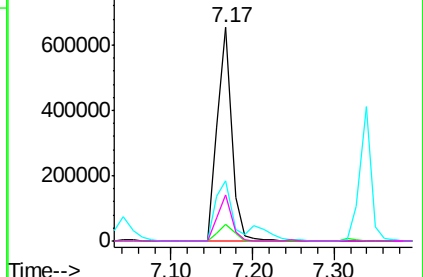
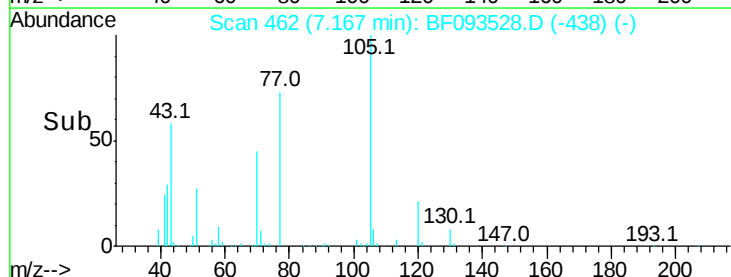


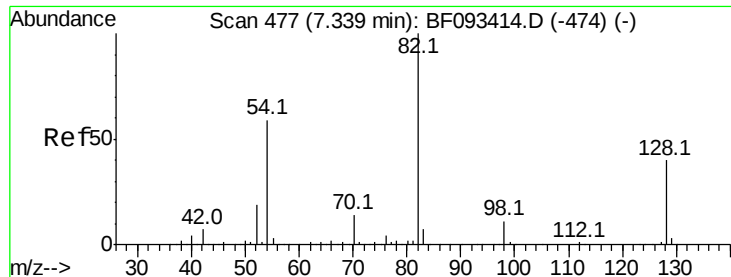
Abundance Ion 105.00 (104.70 to 105.70): E

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

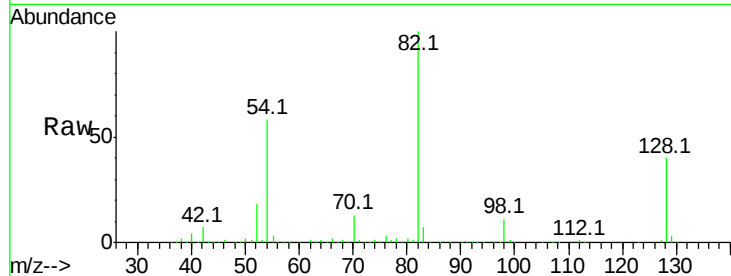




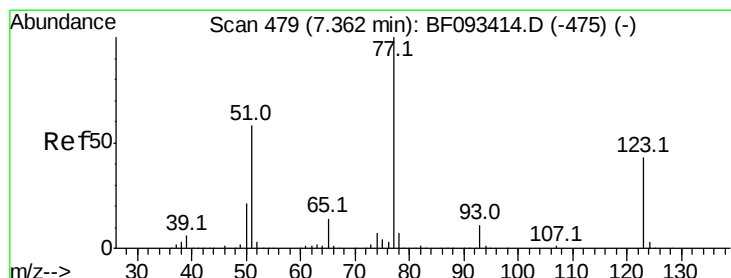
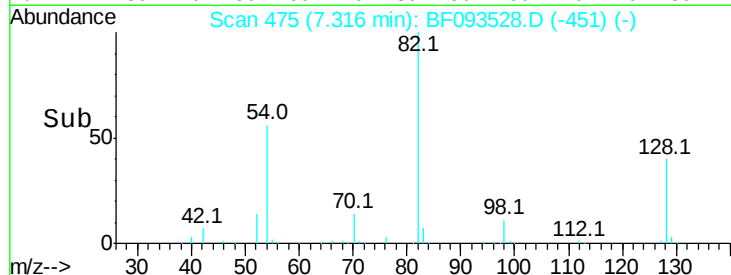
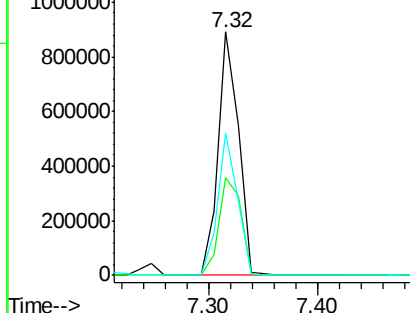
#23
Nitrobenzene-d5
Concen: 87.69 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Instrument :
BNA_F
ClientSampleID :
D-38MS

Tot Ion: 82 Resp: 1169667
Ion Ratio Lower Upper
82 100
128 39.9 34.6 52.0
54 58.5 39.5 59.3

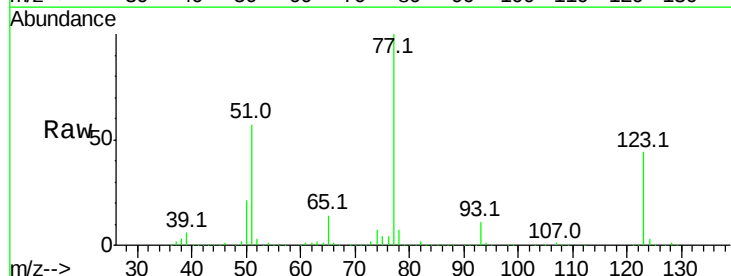


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

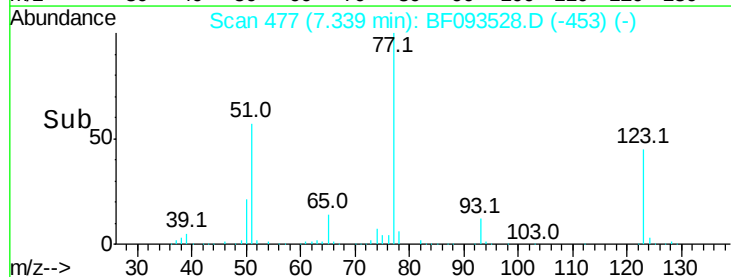
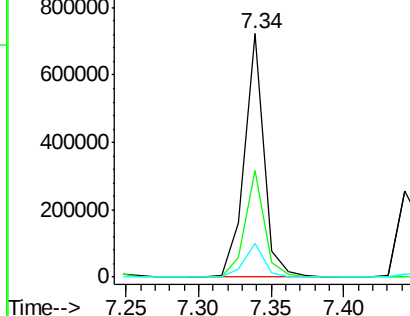


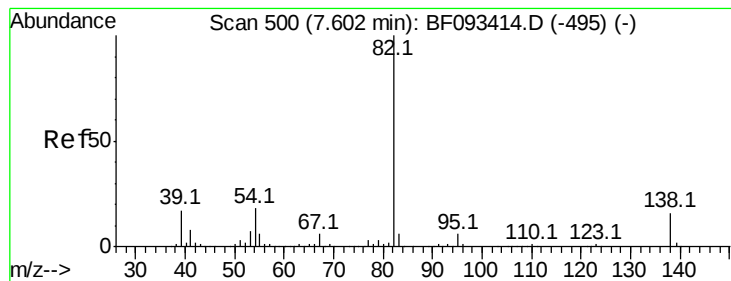
#24
Nitrobenzene
Concen: 44.85 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Tgt Ion: 77 Resp: 672347
Ion Ratio Lower Upper
77 100
123 43.8 33.0 49.4
65 14.0 11.2 16.8



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





#25

Isophorone

Concen: 44.77 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

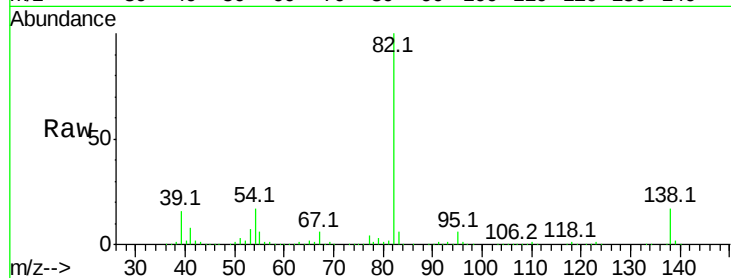
Tot Ion: 82 Resp: 1204285

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

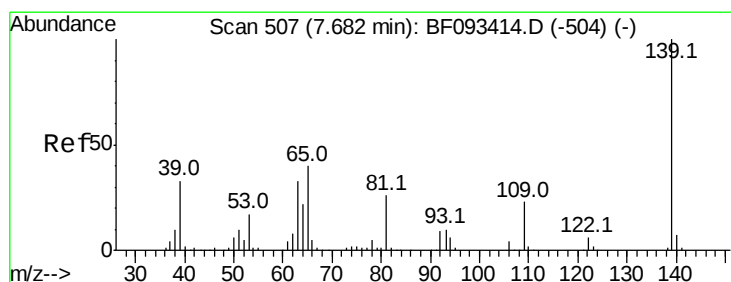
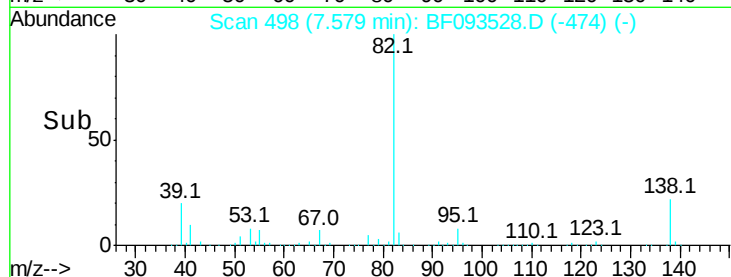
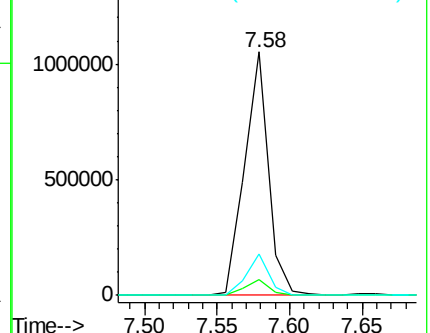
138 16.8 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.90 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

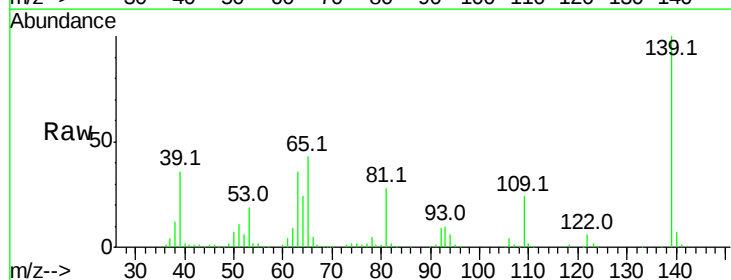
Tgt Ion:139 Resp: 307056

Ion Ratio Lower Upper

139 100

109 24.5 23.3 34.9

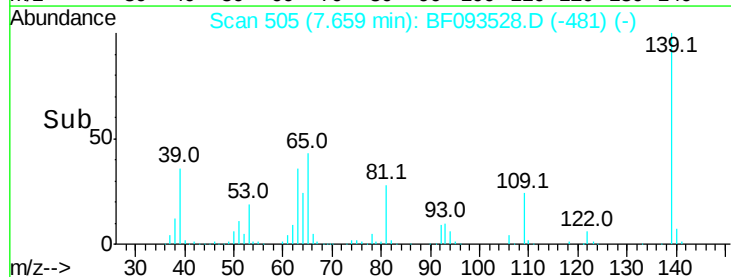
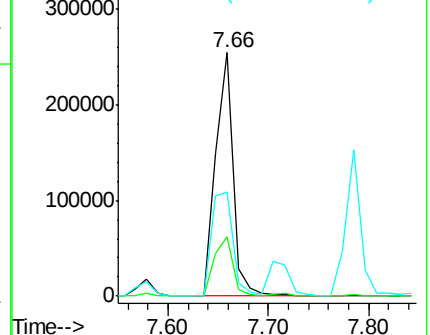
65 42.9 42.7 64.1

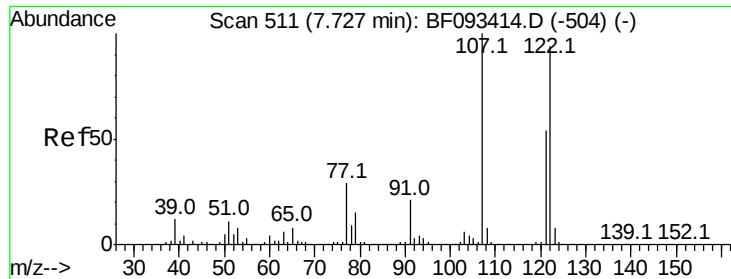


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

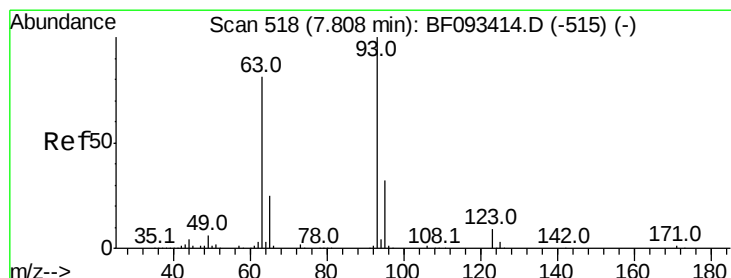
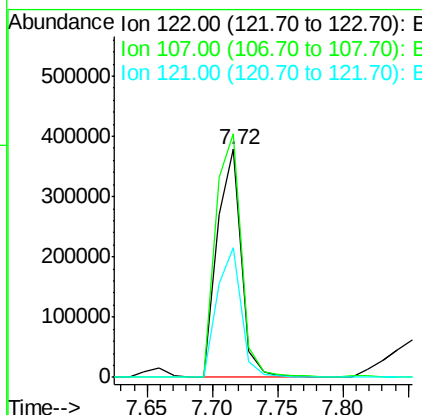
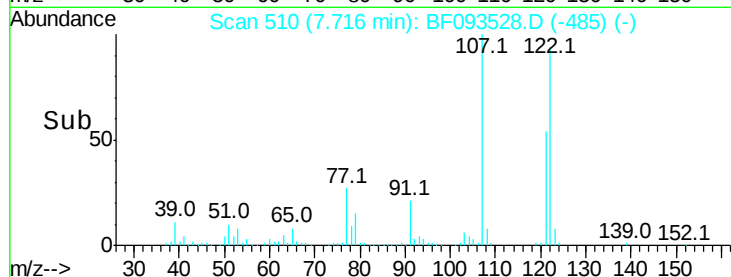
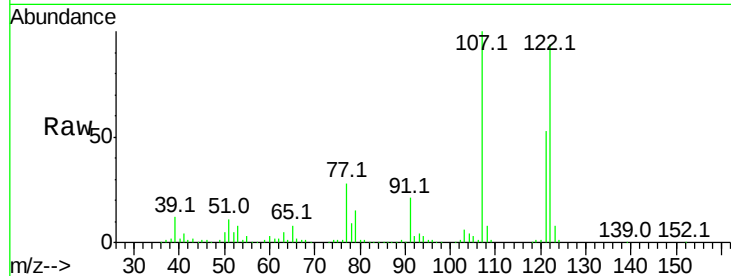




#27
 2,4-Dimethylphenol
 Concen: 43.52 ng
 RT: 7.72 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

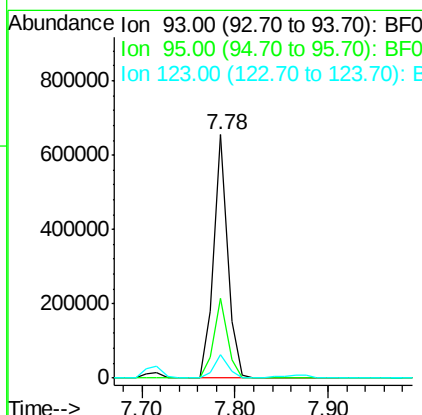
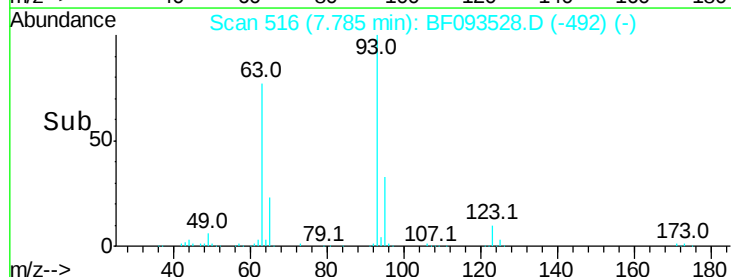
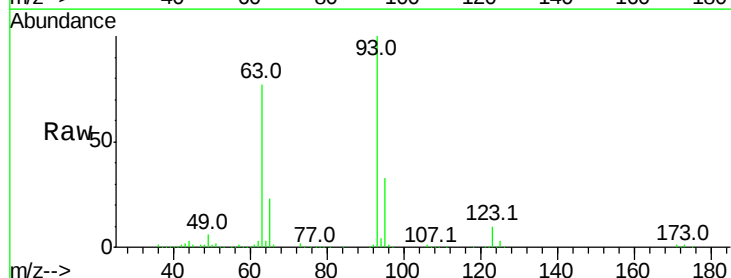
Instrument :
 BNA_F
 ClientSampled :
 D-38MS

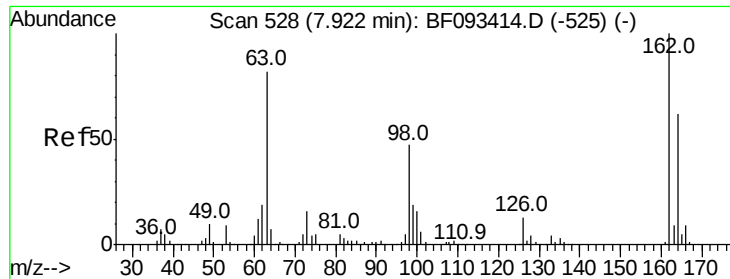
Tot Ion:122 Resp: 484158
 Ion Ratio Lower Upper
 122 100
 107 106.7 94.1 141.1
 121 57.1 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.64 ng
 RT: 7.78 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Tgt Ion: 93 Resp: 690077
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 9.7 8.6 13.0

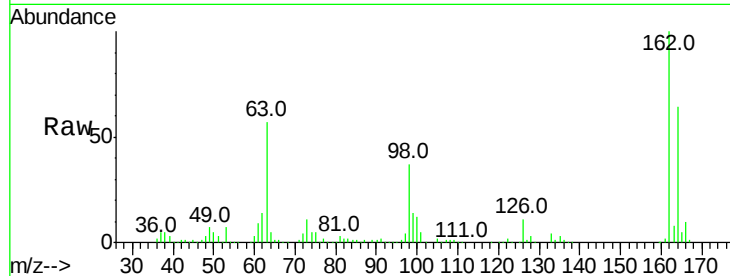




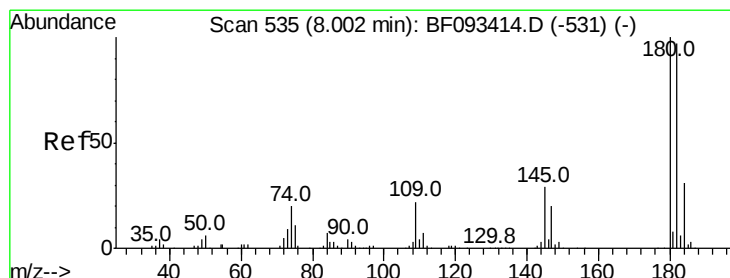
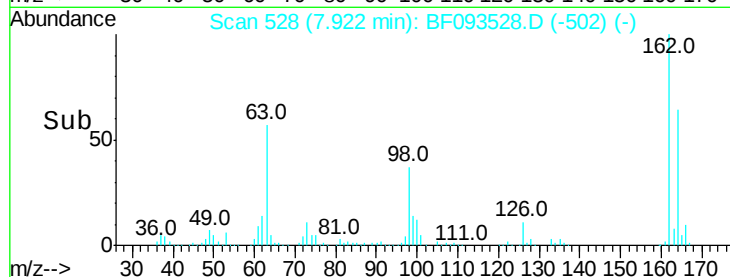
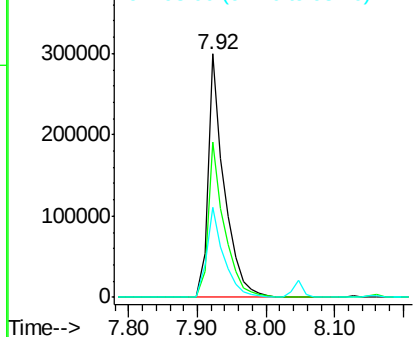
#29
 2,4-Dichlorophenol
 Concen: 46.93 ng
 RT: 7.92 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :
 D-38MS

Tot Ion:162 Resp: 491204
 Ion Ratio Lower Upper
 162 100
 164 63.5 46.8 86.8
 98 37.0 9.1 49.1

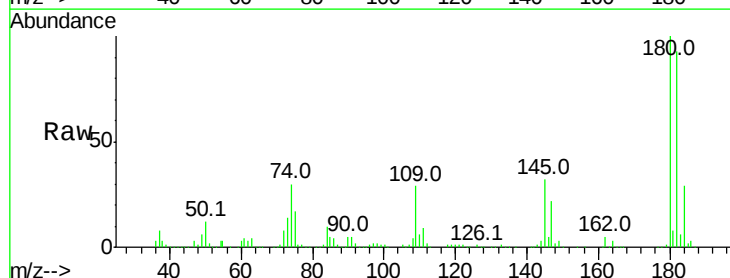


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

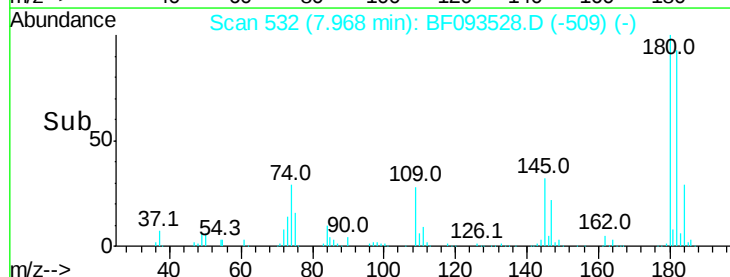
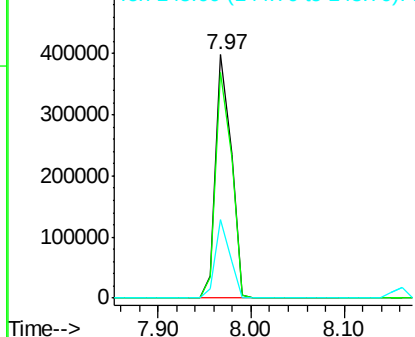


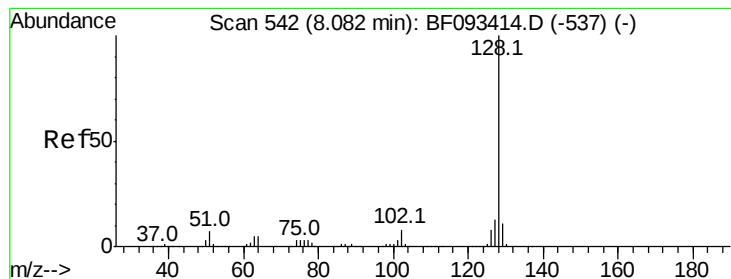
#30
 1,2,4-Trichlorobenzene
 Concen: 41.80 ng
 RT: 7.97 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Tgt Ion:180 Resp: 465260
 Ion Ratio Lower Upper
 180 100
 182 92.9 78.2 117.4
 145 32.4 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: 41.26 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

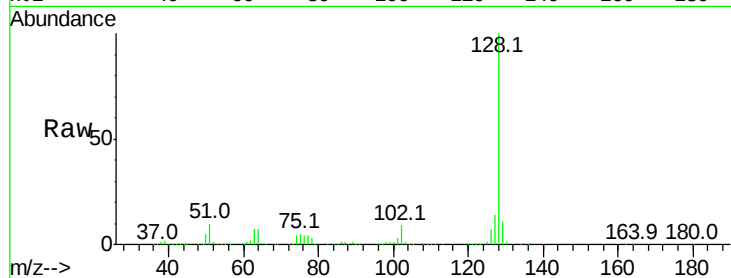
Tot Ion:128 Resp: 1530161

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

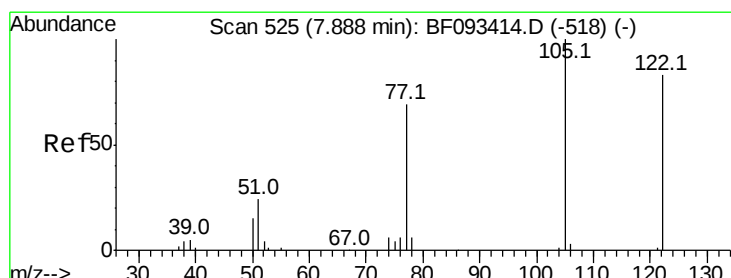
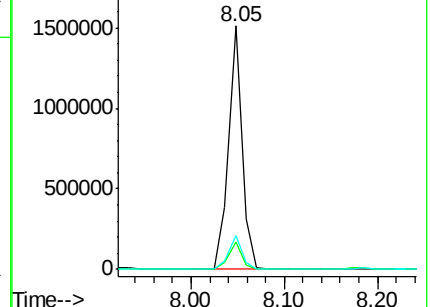
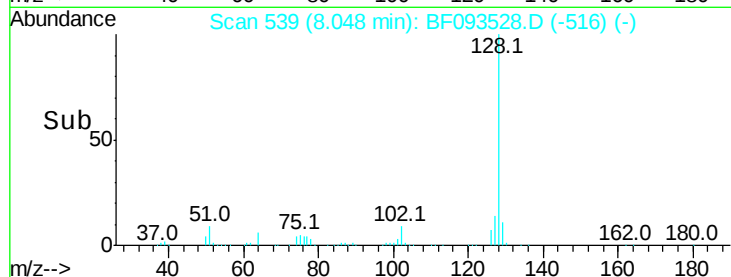
127 13.7 10.8 16.2



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: 42.07 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

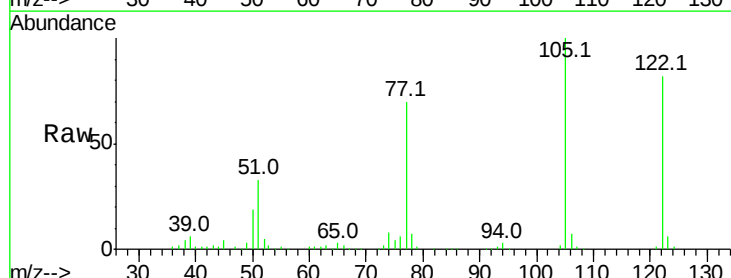
Tgt Ion:122 Resp: 243220

Ion Ratio Lower Upper

122 100

105 121.8 107.2 147.2

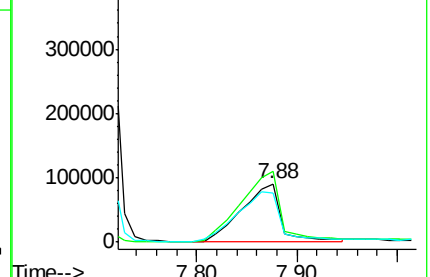
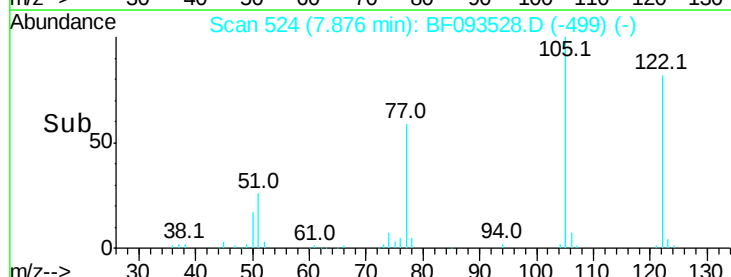
77 85.0 74.5 114.5

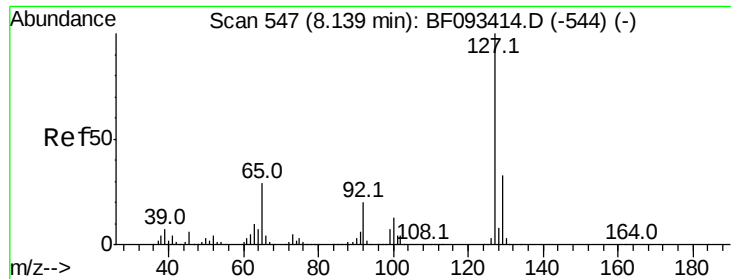


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

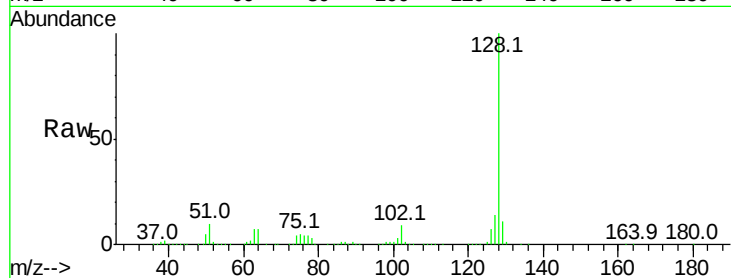




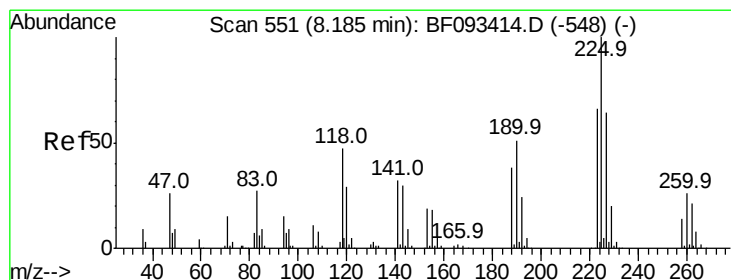
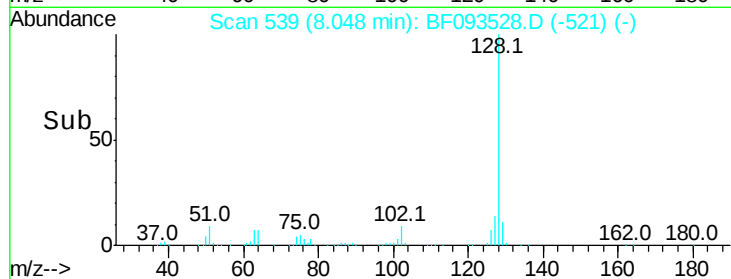
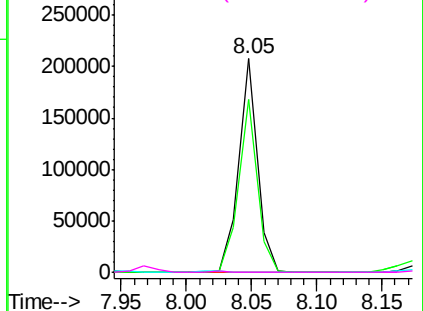
#33
 4-Chloroaniline
 Concen: 13.68 ng
 RT: 8.05 min Scan# 539
 Delta R.T. -0.09 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :
 D-38MS

Tot Ion:	127	Resp:	205815
Ion	Ratio	Lower	Upper
127	100		
129	81.1	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#

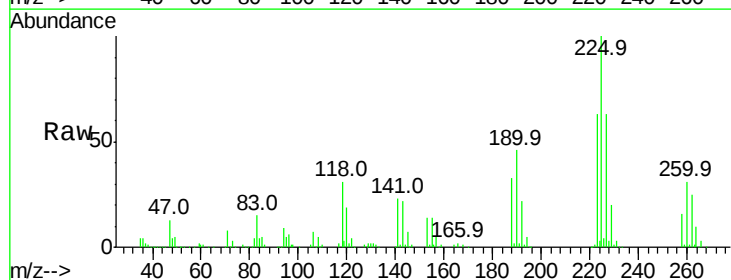


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

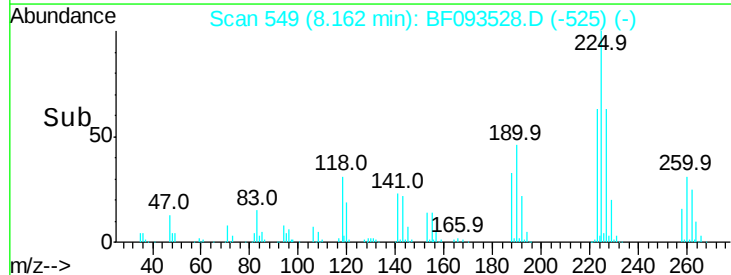
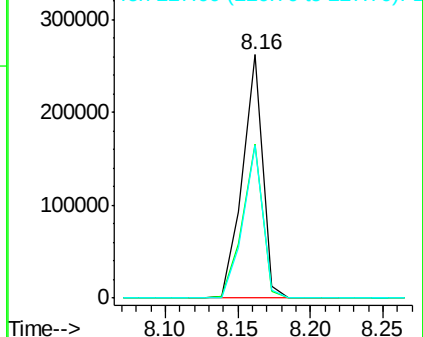


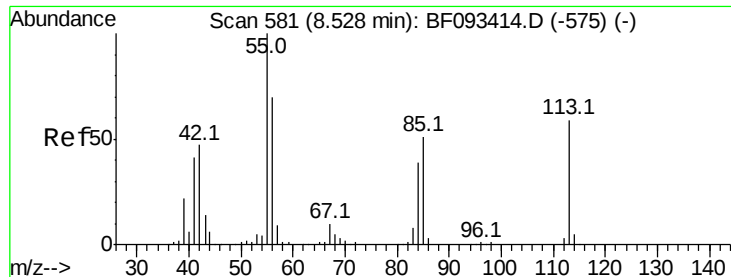
#34
 Hexachlorobutadiene
 Concen: 44.36 ng
 RT: 8.16 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Tgt Ion:	225	Resp:	254352
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	62.6	50.6	76.0



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





#35

Caprolactam

Concen: 26.47 ng

RT: 8.49 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

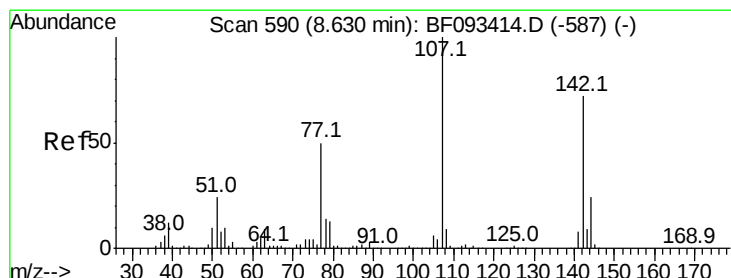
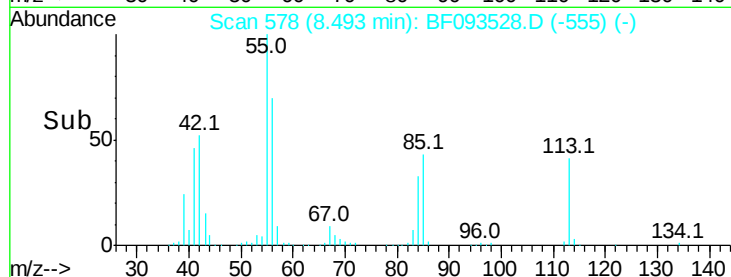
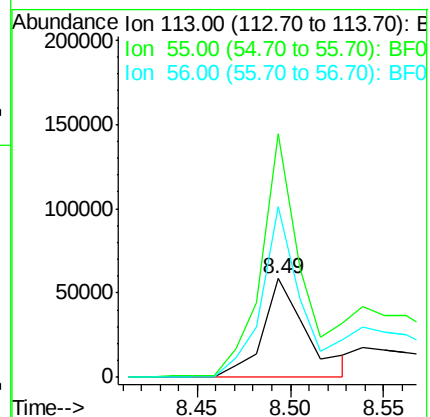
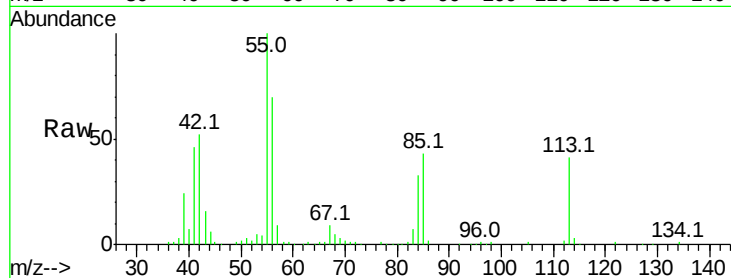
Tot Ion:113 Resp: 94630

Ion Ratio Lower Upper

113 100

55 246.7 119.2 159.2#

56 172.4 83.8 123.8#



#36

4-Chloro-3-methylphenol

Concen: 43.96 ng

RT: 8.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

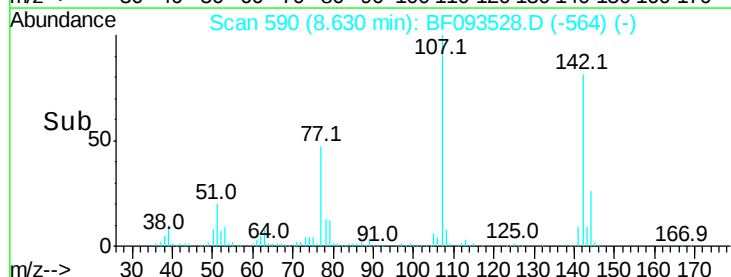
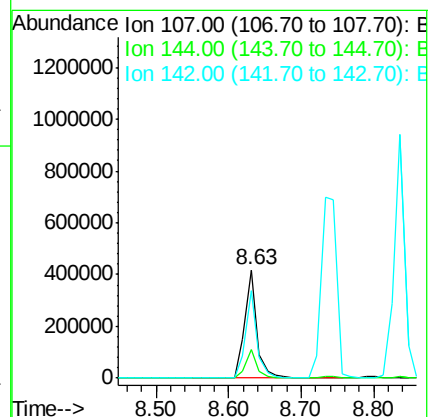
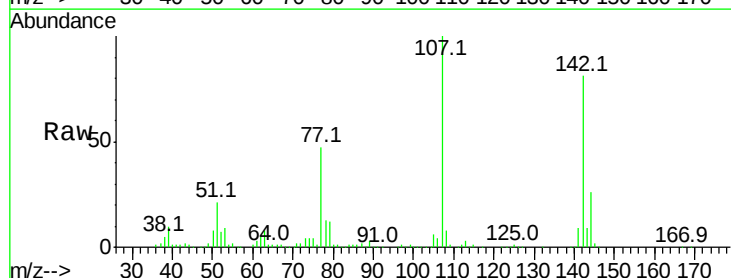
Tgt Ion:107 Resp: 491074

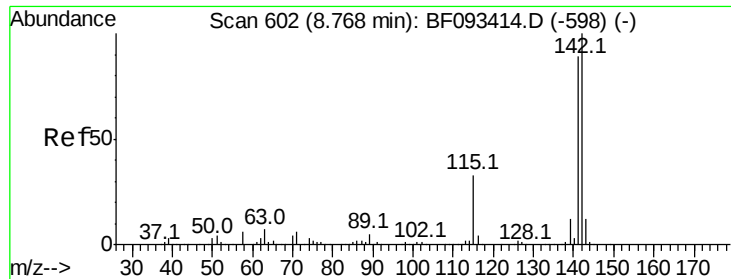
Ion Ratio Lower Upper

107 100

144 26.2 19.3 28.9

142 81.3 59.0 88.6

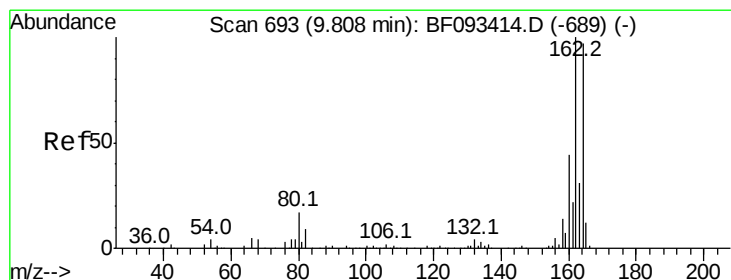
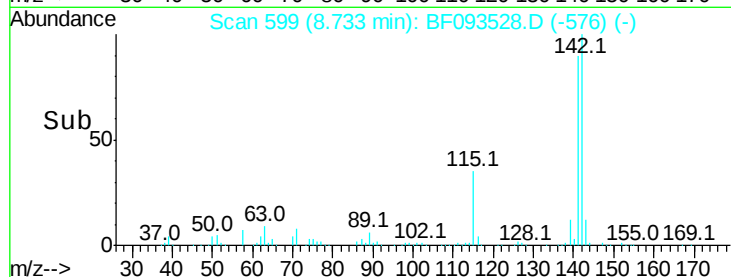
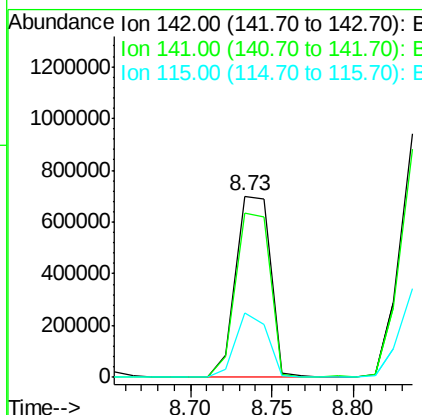
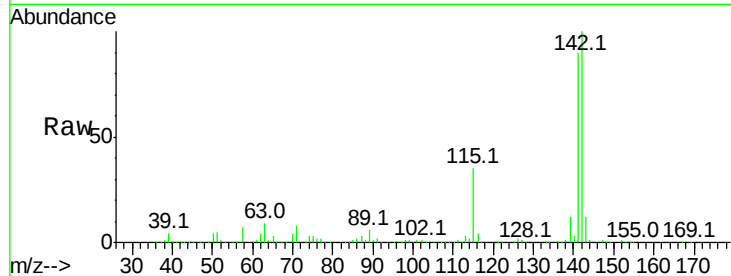




#37
2-Methylnaphthalene
Concen: 43.69 ng
RT: 8.73 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

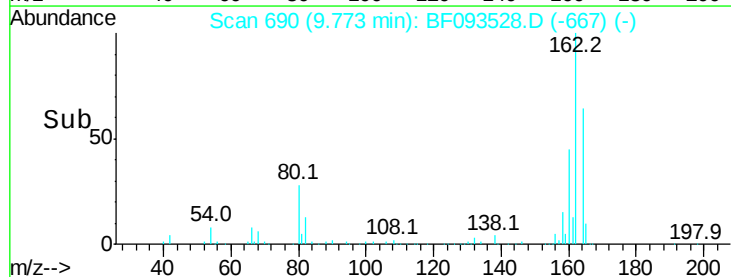
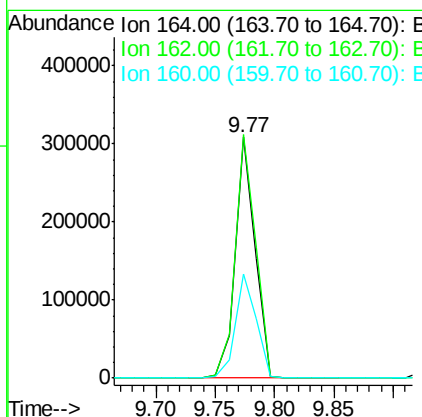
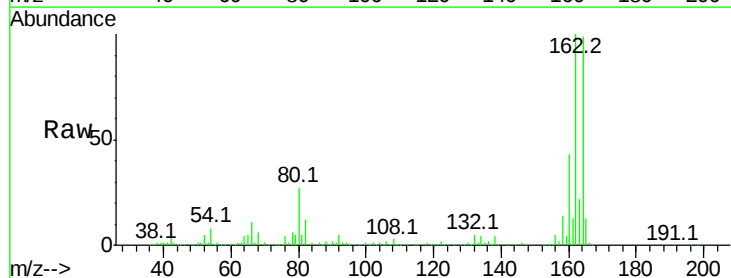
Instrument :
BNA_F
ClientSampleId :
D-38MS

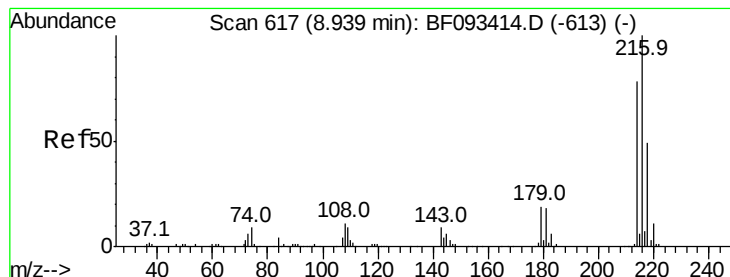
Tot Ion:142 Resp: 1030915
Ion Ratio Lower Upper
142 100
141 90.4 71.0 106.6
115 35.3 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Tgt Ion:164 Resp: 358190
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 43.3 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.24 ng

RT: 8.90 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

Tot Ion:216 Resp: 452281

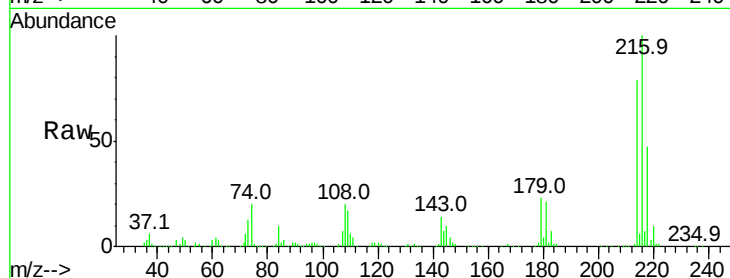
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 22.0 17.4 26.2

108 21.6 15.6 23.4

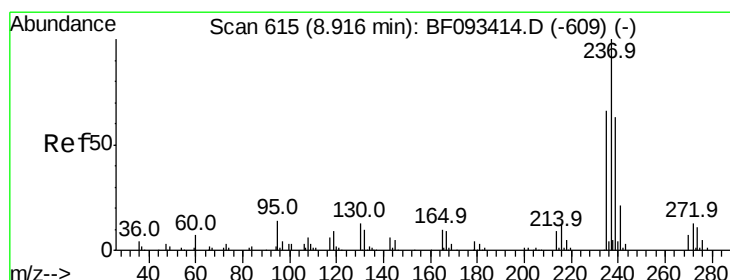
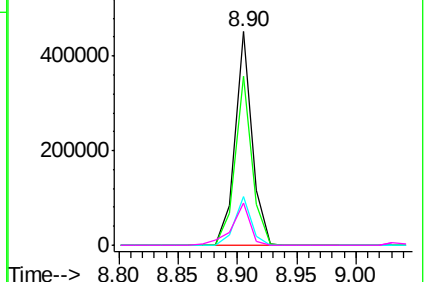
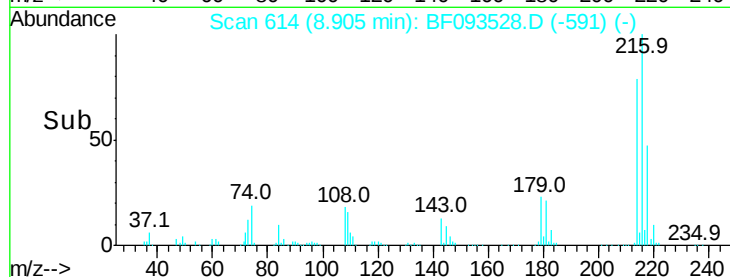


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.65 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

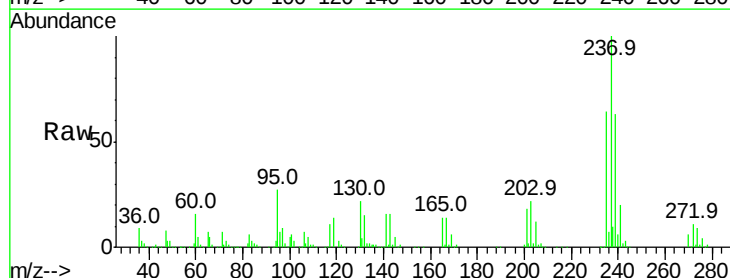
Tgt Ion:237 Resp: 240031

Ion Ratio Lower Upper

237 100

235 64.4 41.2 81.2

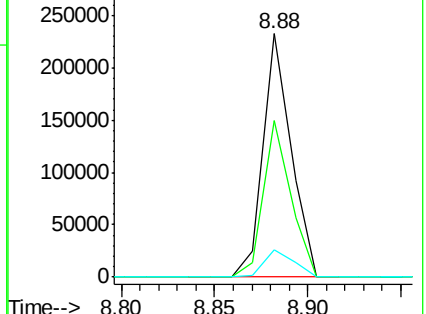
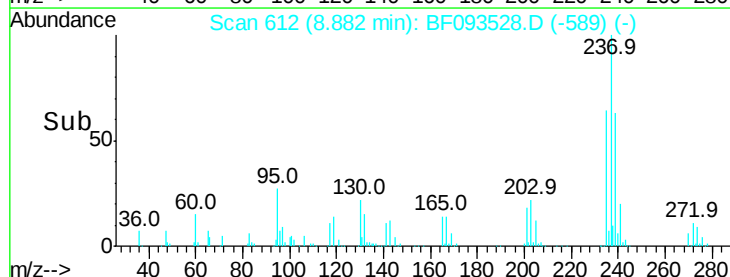
272 11.2 0.0 35.4

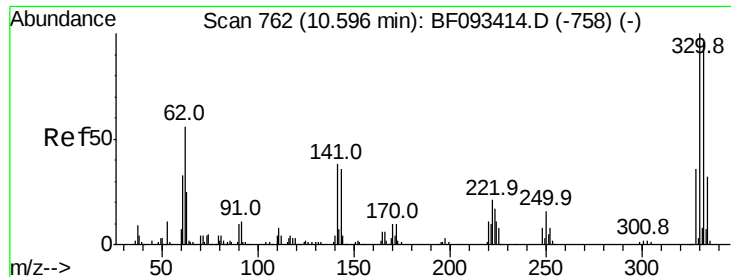


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

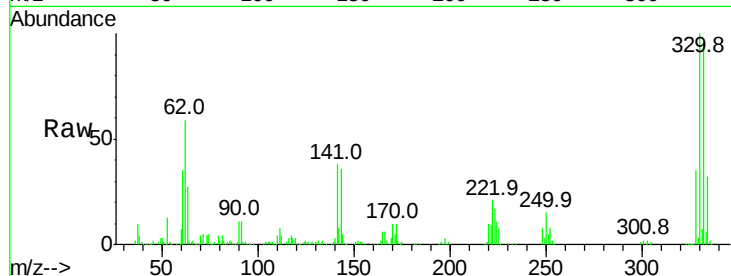




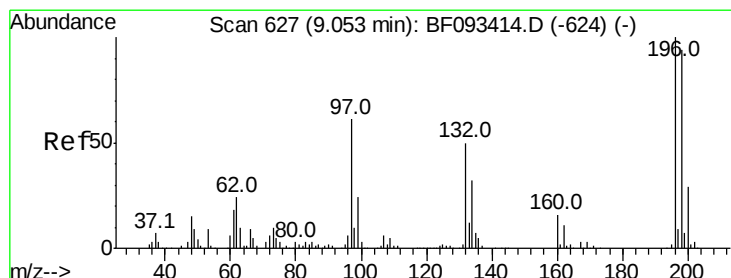
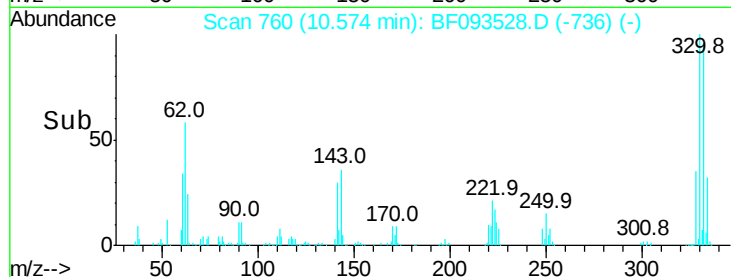
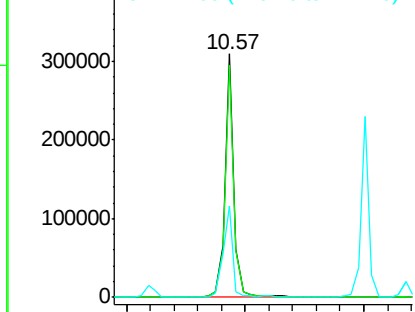
#41
 2,4,6-Tribromophenol
 Concen: 138.68 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Instrument :
 BNA_F
 ClientSampleID :
 D-38MS

Tot Ion:330 Resp: 323633
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 40.5 34.1 51.1

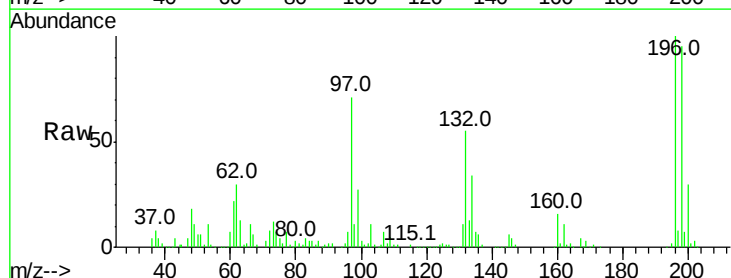


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

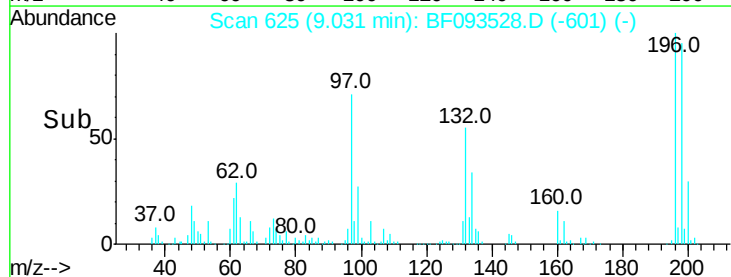
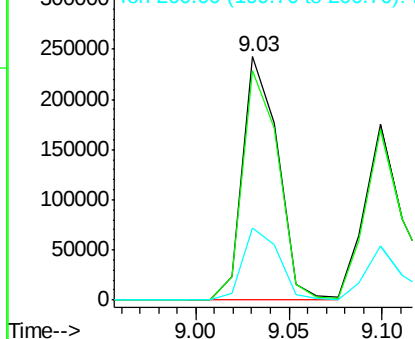


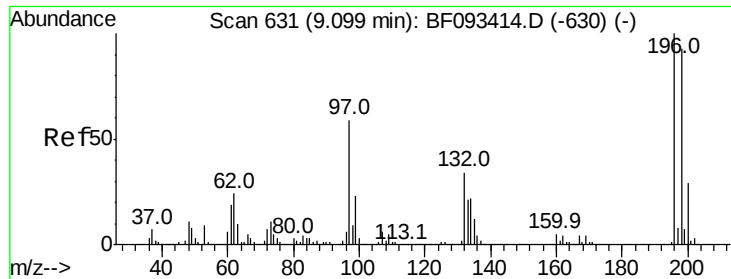
#42
 2,4,6-Trichlorophenol
 Concen: 52.06 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Tgt Ion:196 Resp: 318146
 Ion Ratio Lower Upper
 196 100
 198 94.5 82.1 123.1
 200 29.6 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

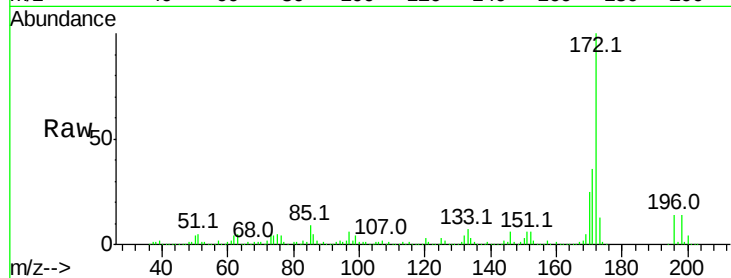




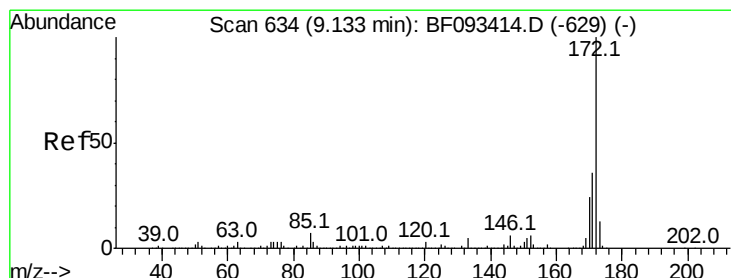
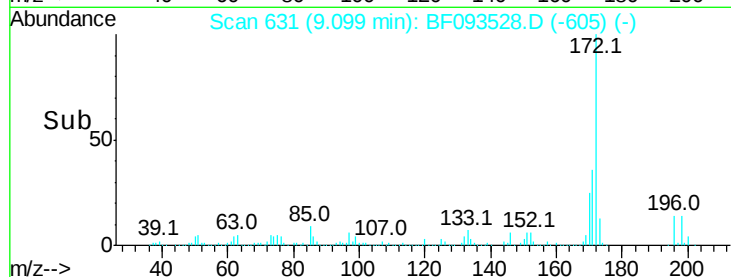
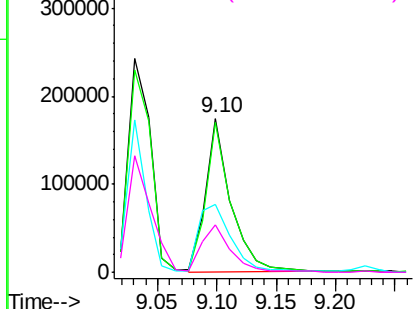
#43
 2,4,5-Trichlorophenol
 Concen: 39.90 ng
 RT: 9.10 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :
 D-38MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	79.4	119.2
97	44.3	51.5	77.3#
132	31.0	27.4	41.2

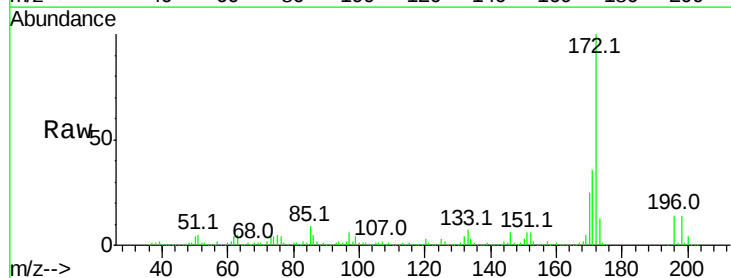


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

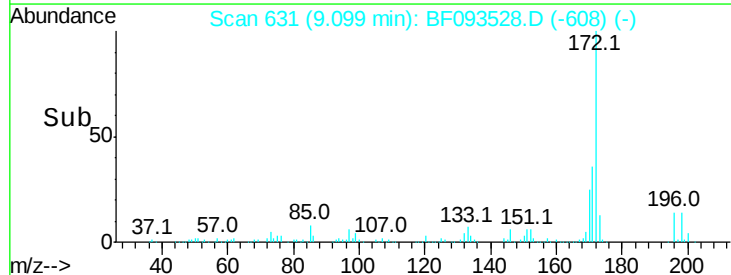
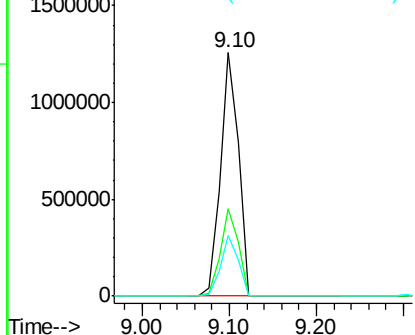


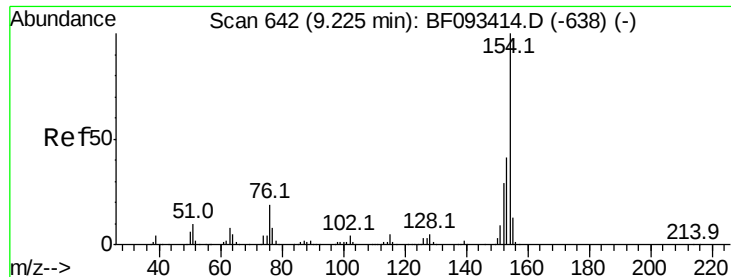
#44
 2-Fluorobiphenyl
 Concen: 94.05 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.8	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.58 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

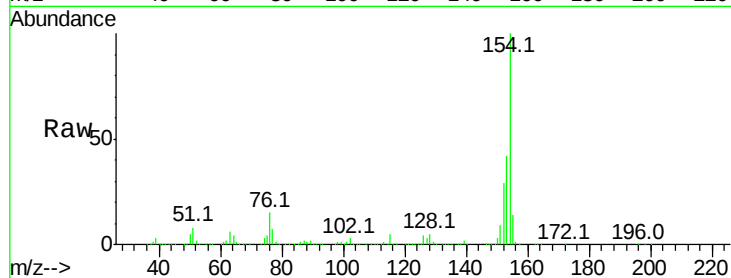
Tot Ion:154 Resp: 1189423

Ion Ratio Lower Upper

154 100

153 41.6 20.9 60.9

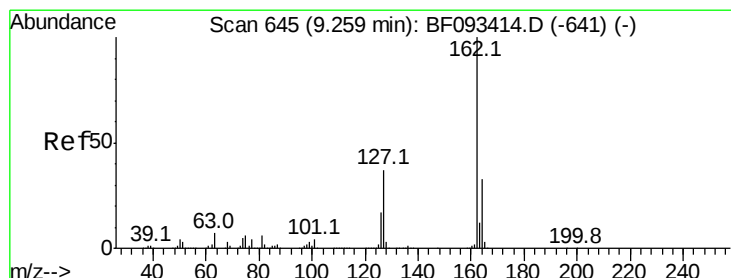
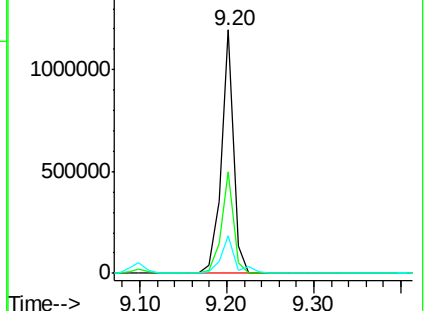
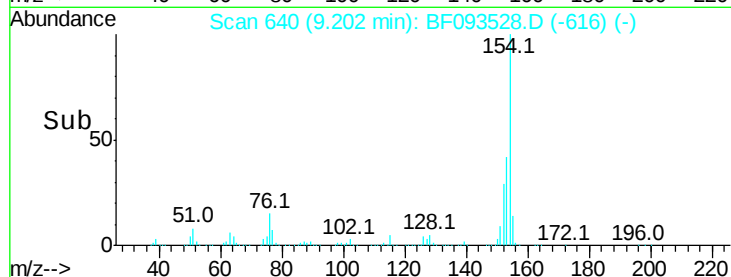
76 15.4 0.0 30.5



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: 47.66 ng

RT: 9.22 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

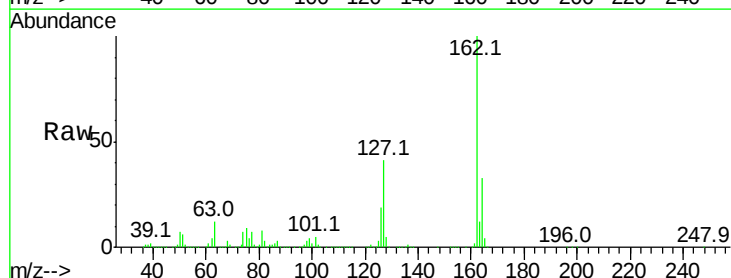
Tgt Ion:162 Resp: 951973

Ion Ratio Lower Upper

162 100

127 41.4 30.7 46.1

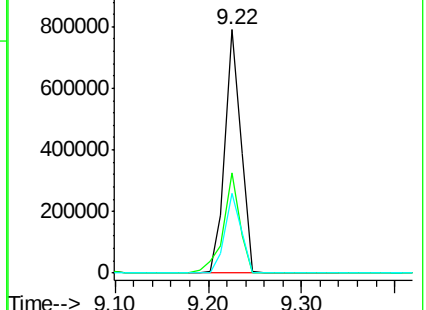
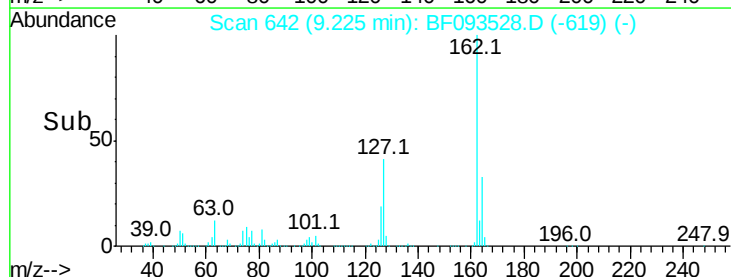
164 33.0 27.6 41.4

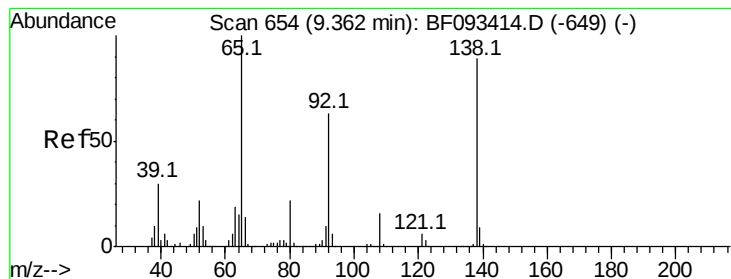


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.41 ng

RT: 9.34 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

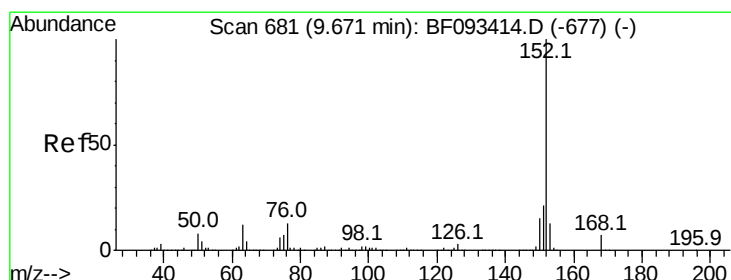
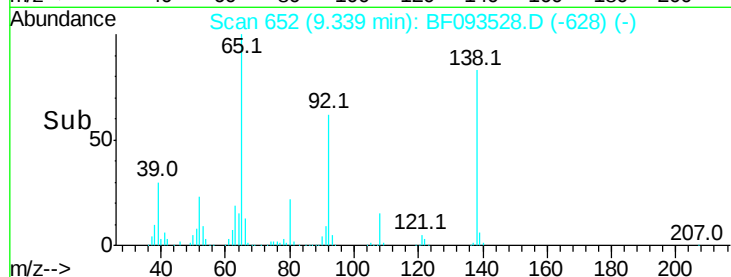
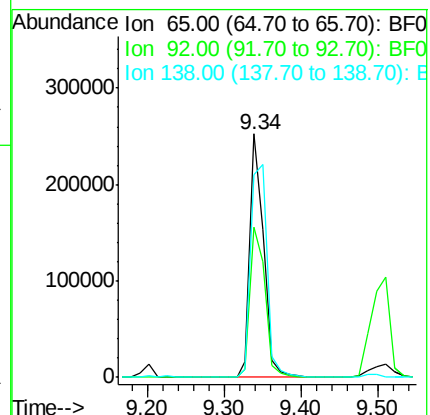
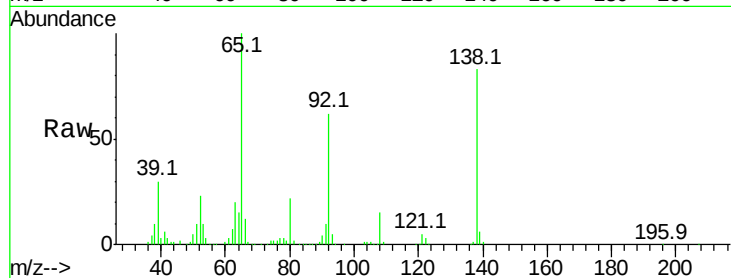
Tot Ion: 65 Resp: 313545

Ion Ratio Lower Upper

65 100

92 61.9 53.9 80.9

138 83.2 76.8 115.2



#48

Acenaphthylene

Concen: 45.59 ng

RT: 9.64 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

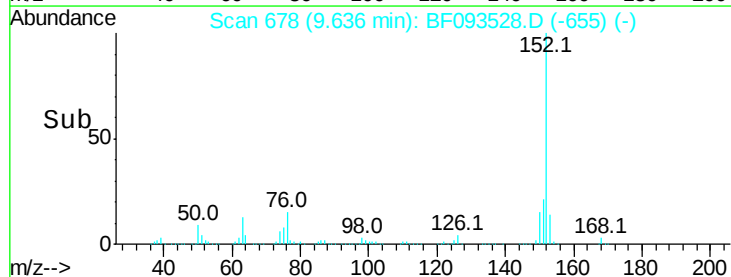
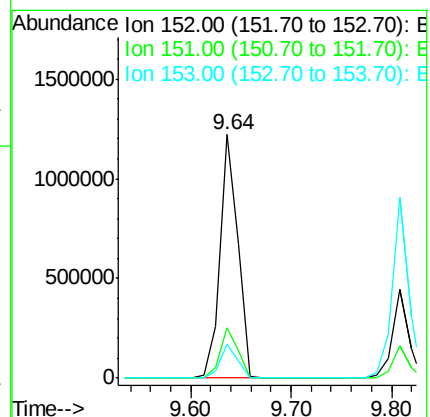
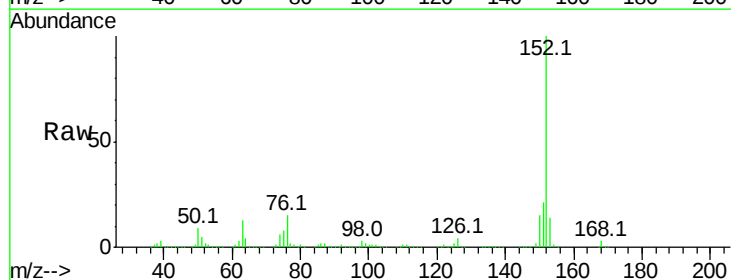
Tgt Ion: 152 Resp: 1501739

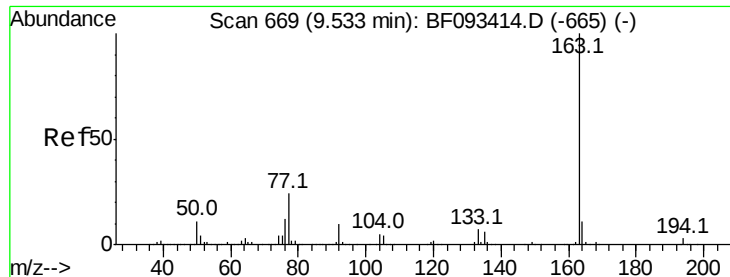
Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

153 13.8 11.4 17.2

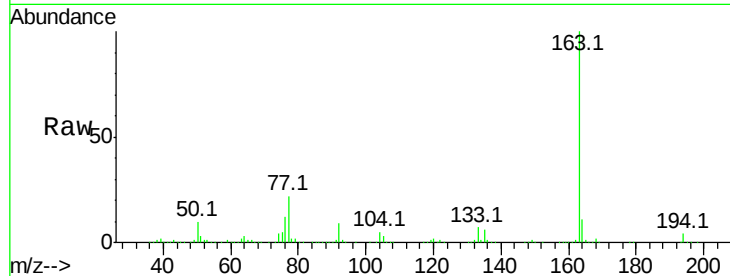




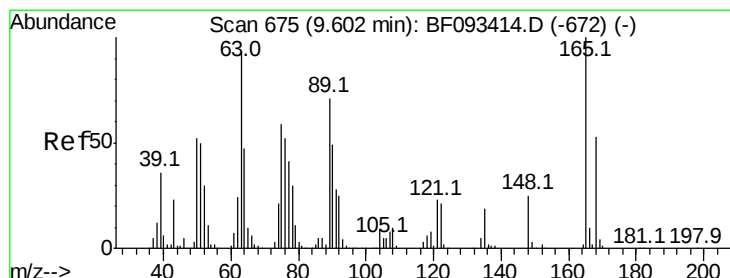
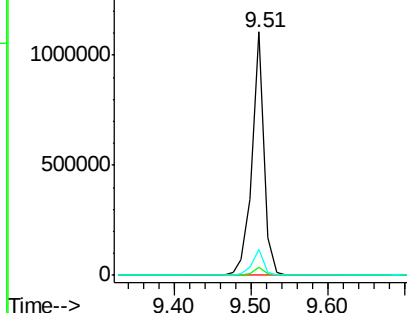
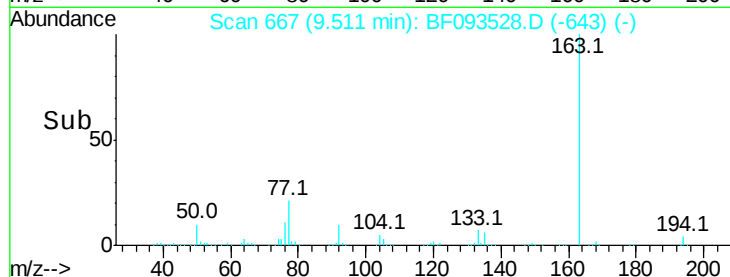
#49
Dimethylphthalate
Concen: 50.10 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Instrument :
BNA_F
ClientSampled :
D-38MS

Tot Ion:163 Resp: 1189696
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.5 8.0 12.0

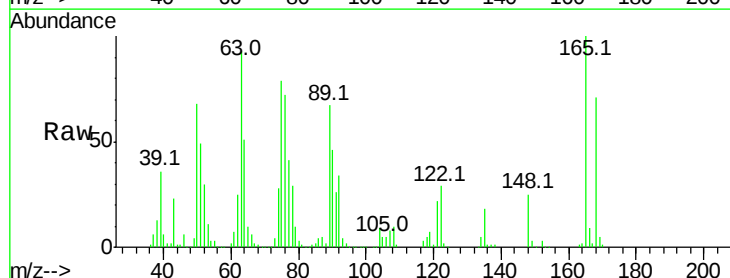


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

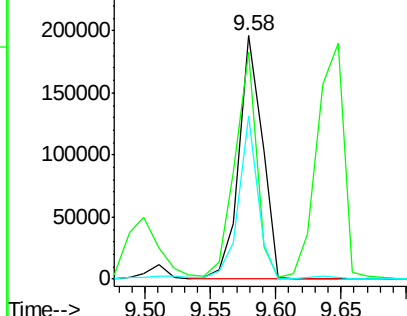
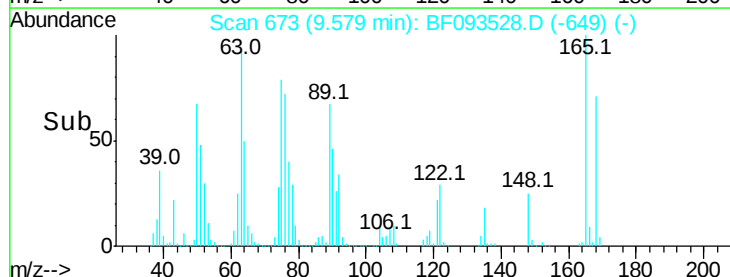


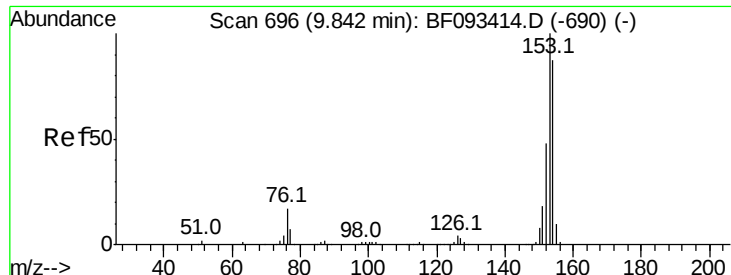
#50
2,6-Dinitrotoluene
Concen: 46.86 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Tgt Ion:165 Resp: 244182
Ion Ratio Lower Upper
165 100
63 93.2 36.2 54.4#
89 66.8 40.2 60.4#



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





#51

Acenaphthene

Concen: 45.61 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

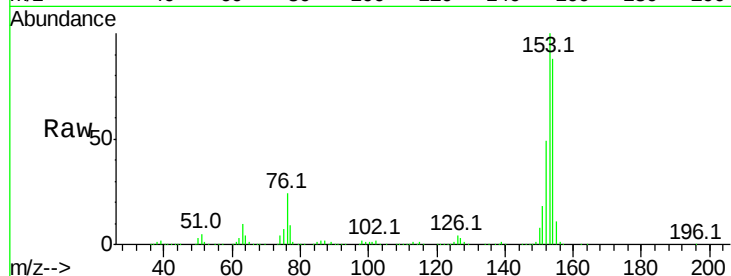
Tot Ion:154 Resp: 888438

Ion Ratio Lower Upper

154 100

153 113.7 88.6 133.0

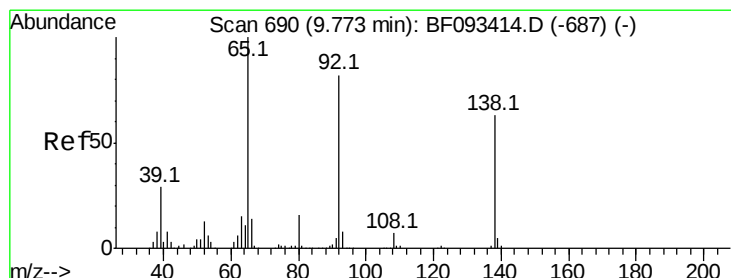
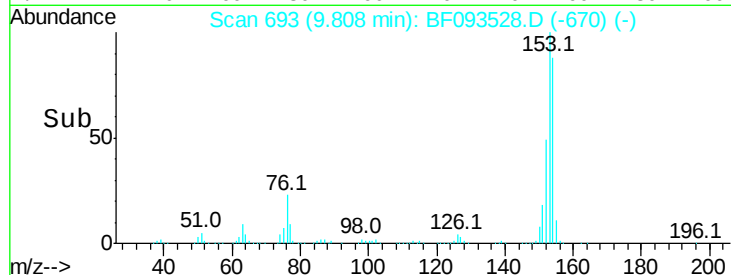
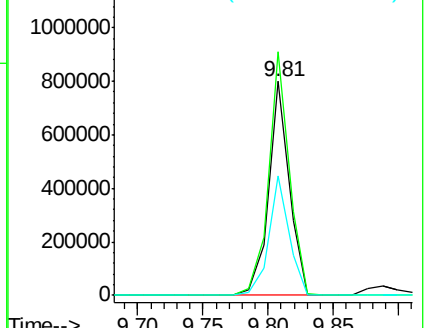
152 55.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 4.15 ng

RT: 9.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

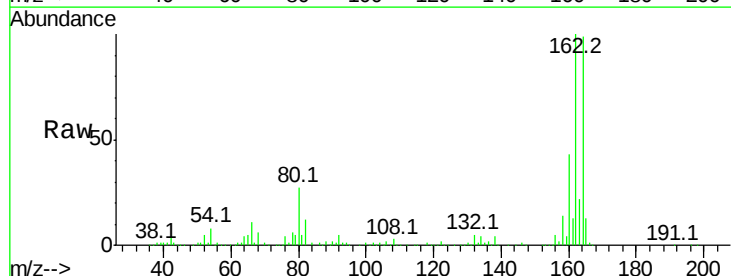
Tgt Ion:138 Resp: 25991

Ion Ratio Lower Upper

138 100

108 67.8 8.5 12.7#

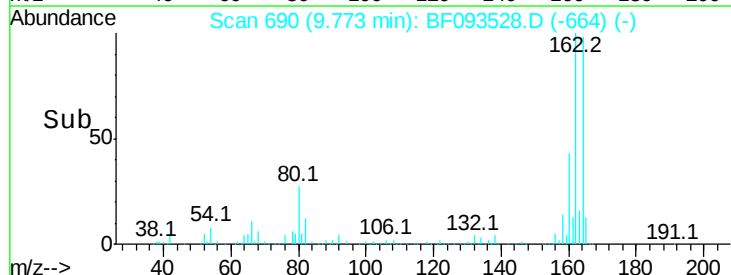
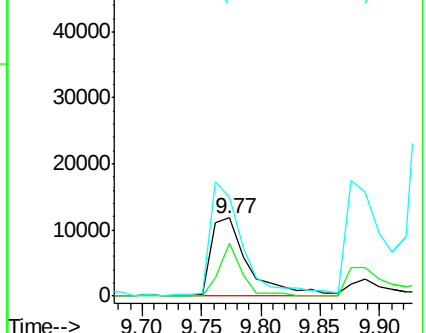
92 126.7 97.8 146.8

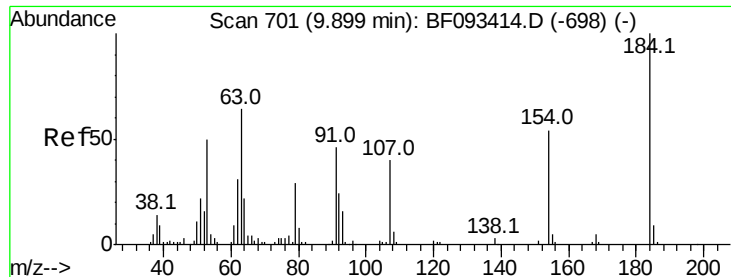


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

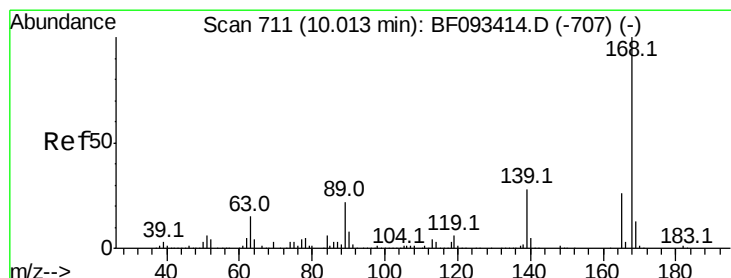
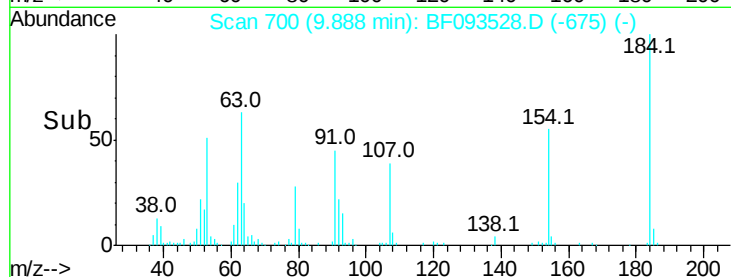
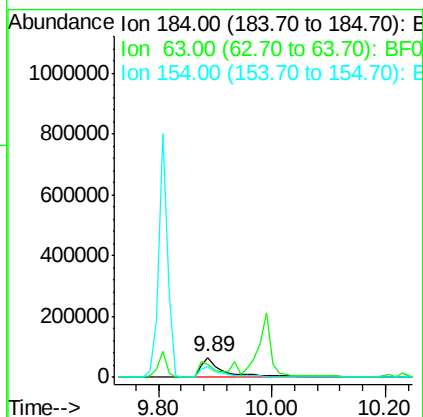
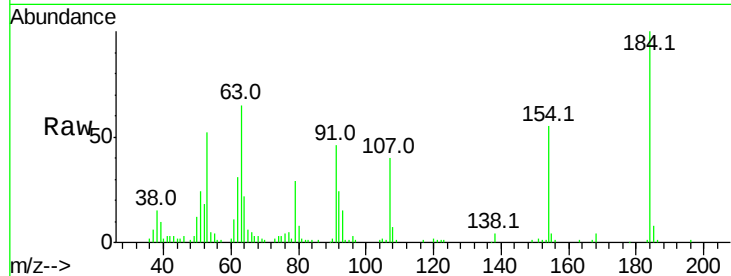




#53
 2,4-Dinitrophenol
 Concen: 75.57 ng
 RT: 9.89 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

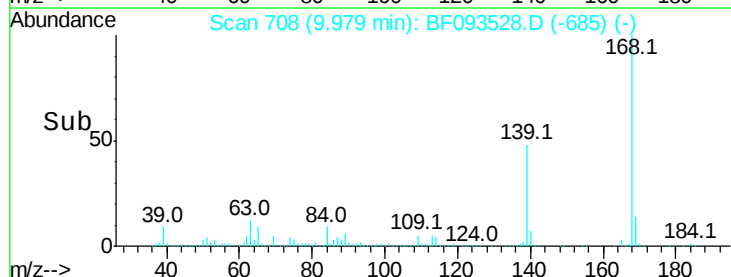
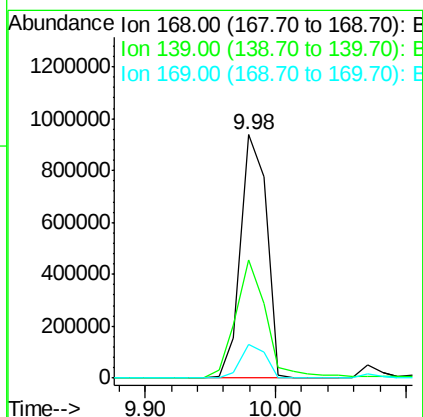
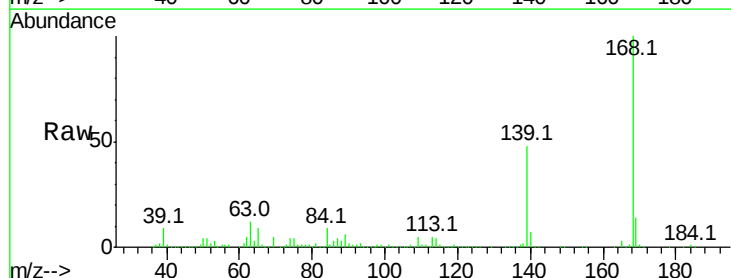
Instrument :
 BNA_F
 ClientSampleId :
 D-38MS

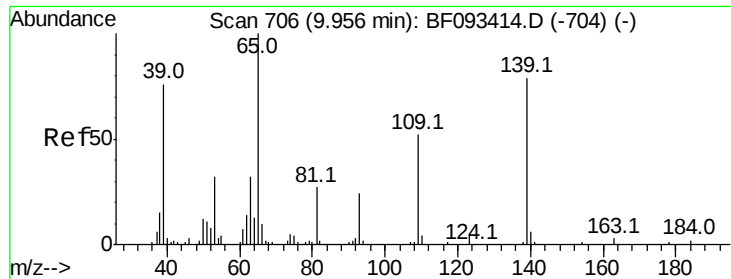
Tot Ion:184 Resp: 179318
 Ion Ratio Lower Upper
 184 100
 63 65.4 28.4 42.6#
 154 54.9 44.3 66.5



#54
 Dibenzofuran
 Concen: 53.11 ng
 RT: 9.98 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Tgt Ion:168 Resp: 1294842
 Ion Ratio Lower Upper
 168 100
 139 48.3 32.6 49.0
 169 14.0 11.3 16.9





#55

4-Nitrophenol

Concen: 253.95 ng

RT: 9.98 min Scan# 708

Delta R.T. 0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

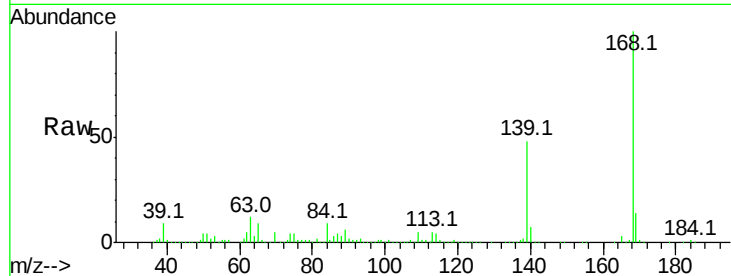
Tot Ion:139 Resp: 772147

Ion Ratio Lower Upper

139 100

109 11.2 52.2 92.2#

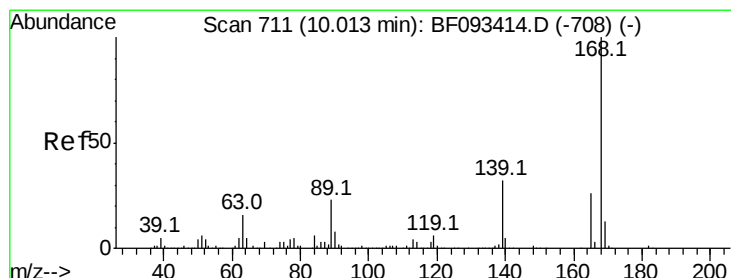
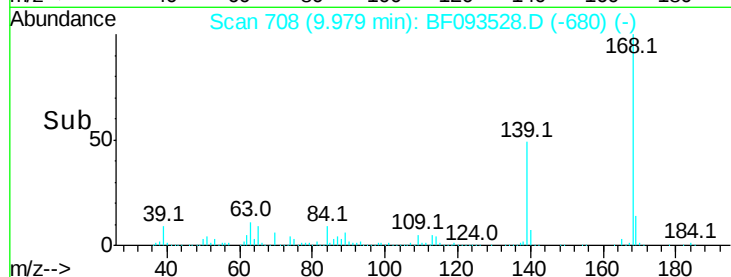
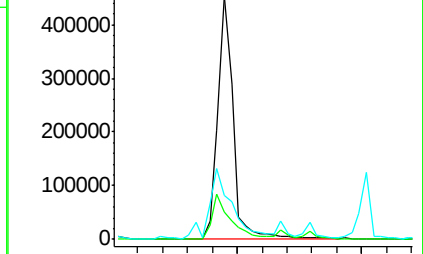
65 18.2 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.38 ng

RT: 9.99 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Tgt Ion:165 Resp: 316114

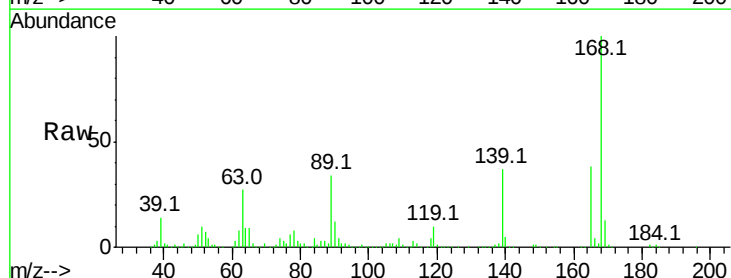
Ion Ratio Lower Upper

165 100

63 70.6 40.2 60.4#

89 89.4 62.5 93.7

182 2.0 1.8 2.8

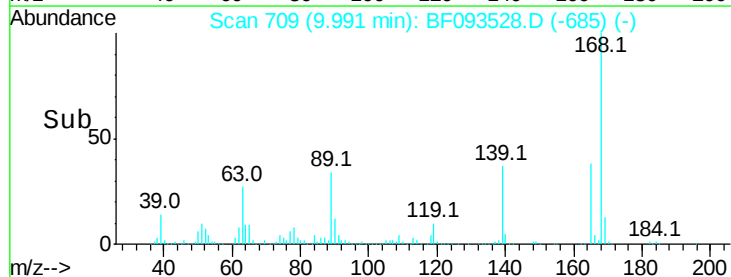
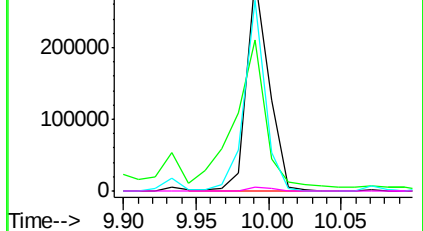


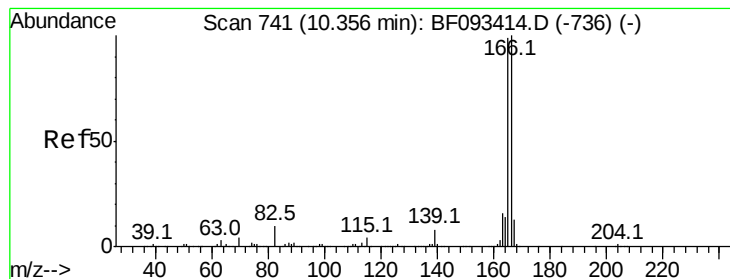
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.94 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

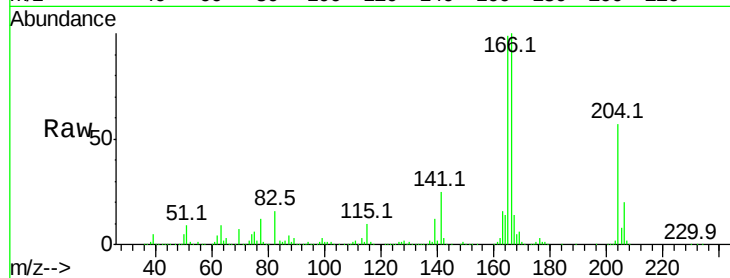
Tot Ion:166 Resp: 1010993

Ion Ratio Lower Upper

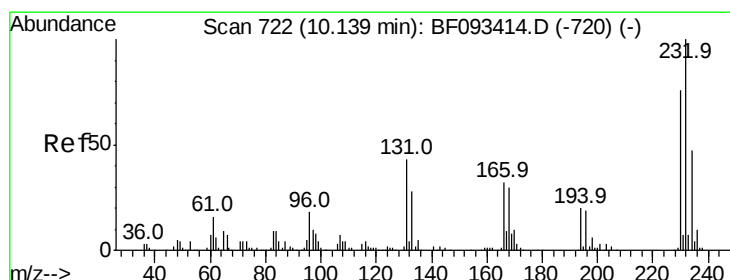
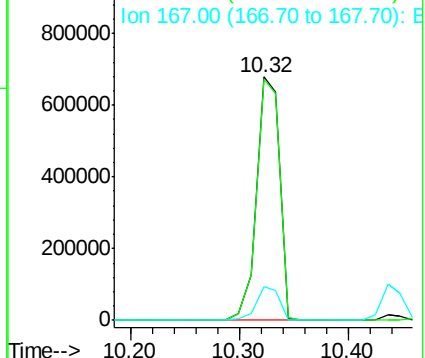
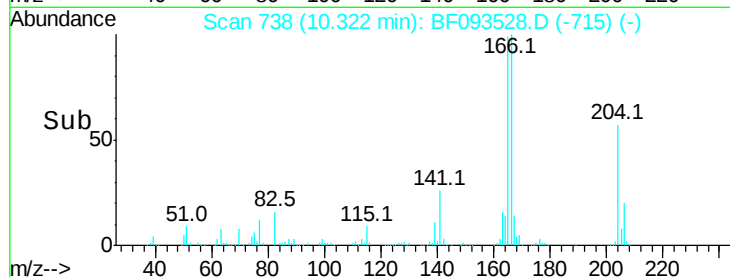
166 100

165 98.9 77.8 116.8

167 14.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.67 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Tgt Ion:232 Resp: 257600

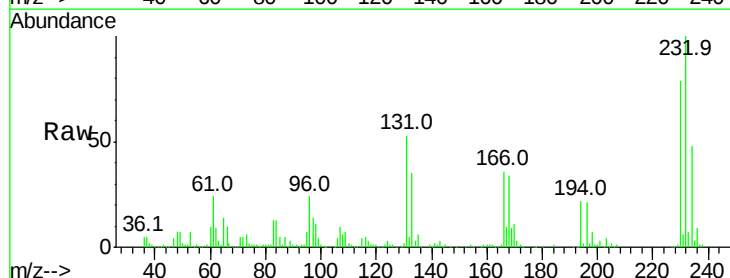
Ion Ratio Lower Upper

232 100

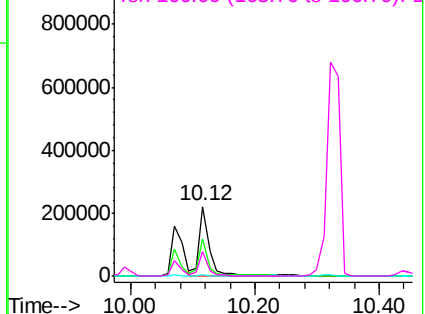
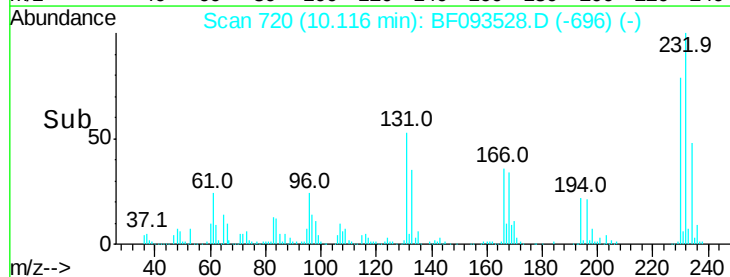
131 46.3 40.1 60.1

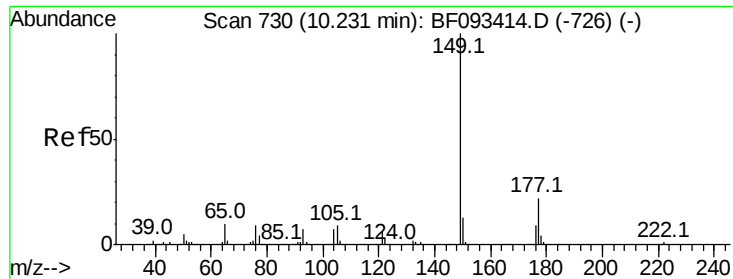
130 2.4 1.8 2.8

166 31.0 26.6 39.8



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

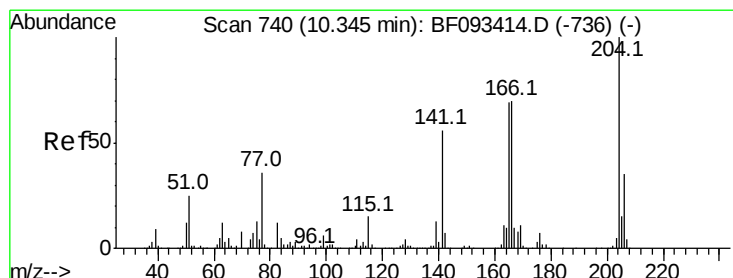
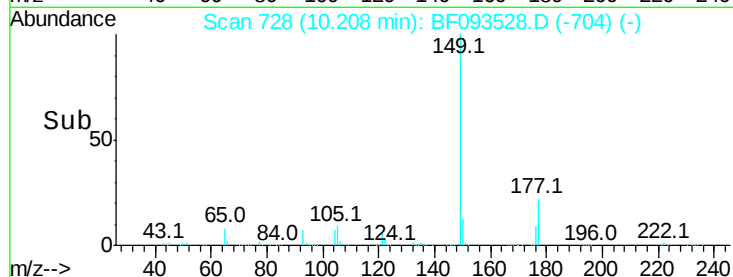
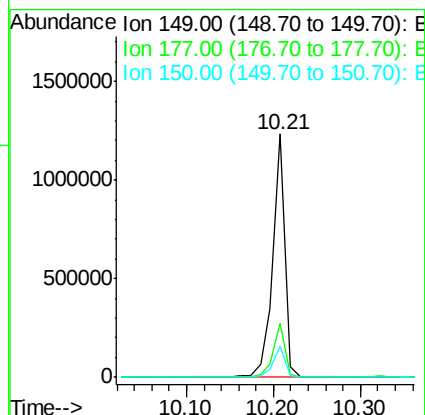
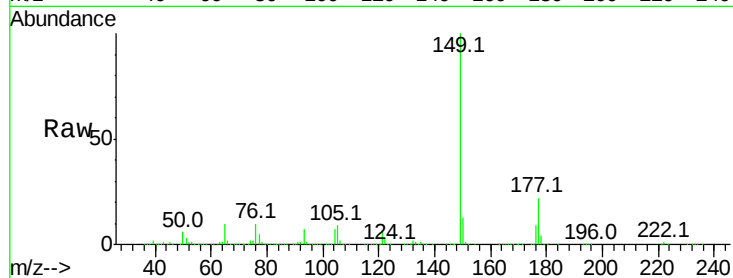




#59
Diethylphthalate
Concen: 52.34 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

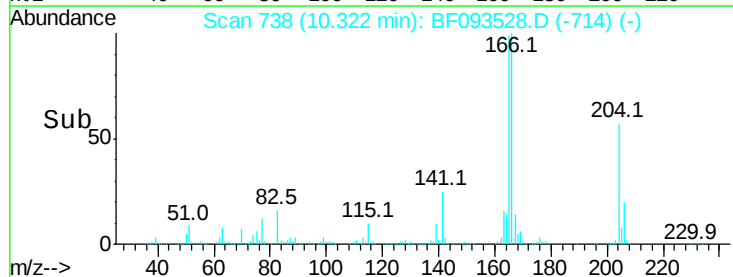
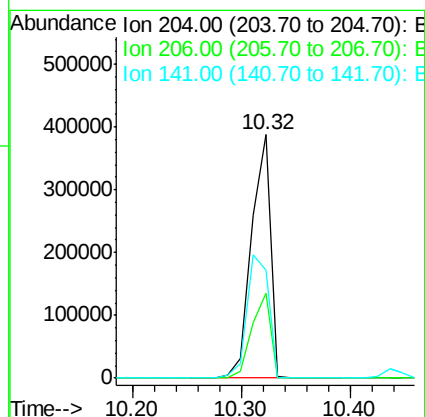
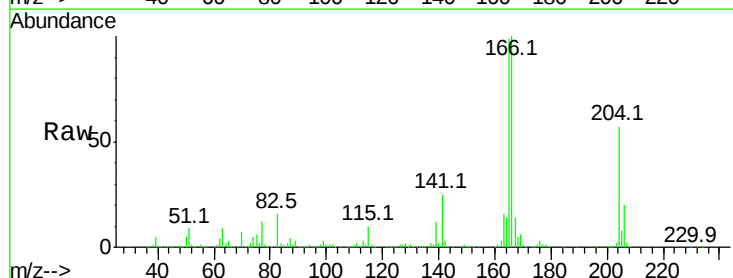
Instrument :
BNA_F
ClientSampleId :
D-38MS

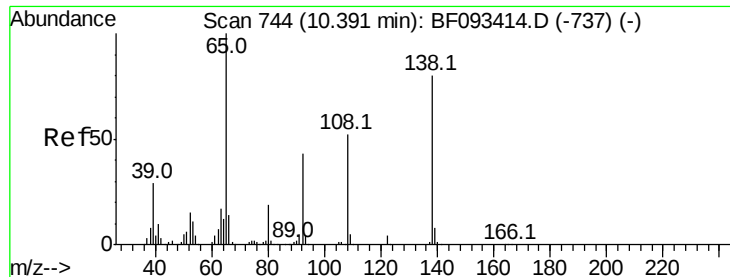
Tot Ion:149 Resp: 1187786
Ion Ratio Lower Upper
149 100
177 22.1 16.6 25.0
150 12.7 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 51.11 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Tgt Ion:204 Resp: 473290
Ion Ratio Lower Upper
204 100
206 35.1 25.8 38.6
141 44.5 59.4 89.0#





#61

4-Nitroaniline

Concen: 18.19 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampled :

D-38MS

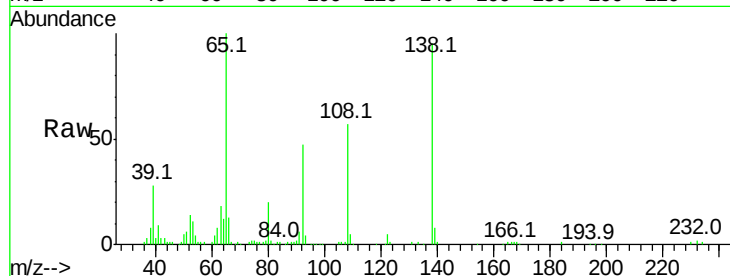
Tot Ion:138 Resp: 116434

Ion Ratio Lower Upper

138 100

92 48.9 31.7 71.7

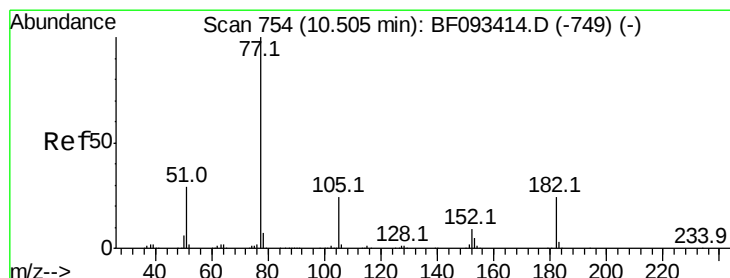
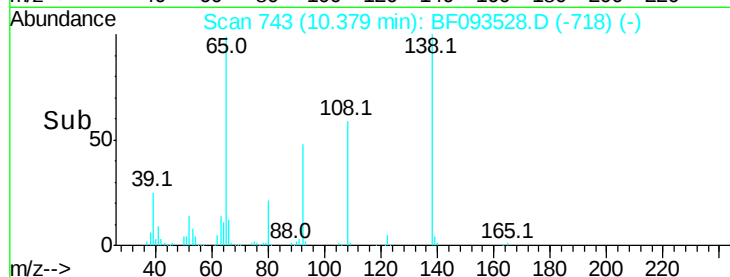
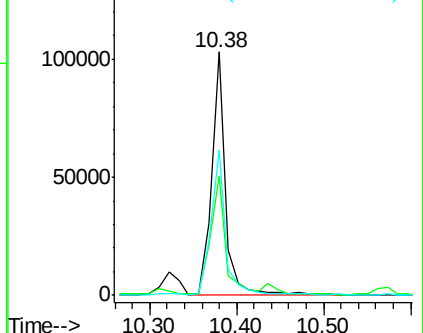
108 59.8 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.58 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Tgt Ion: 77 Resp: 1098080

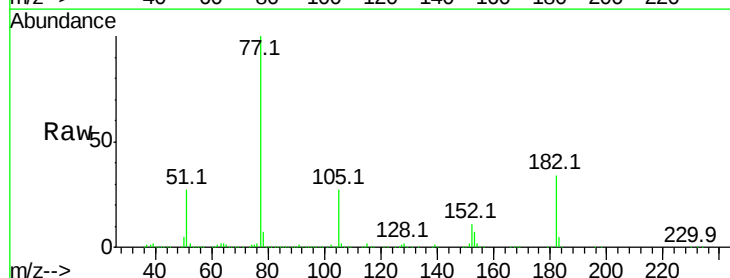
Ion Ratio Lower Upper

77 100

182 33.8 0.0 39.3

105 27.2 2.3 42.3

51 27.3 8.9 48.9

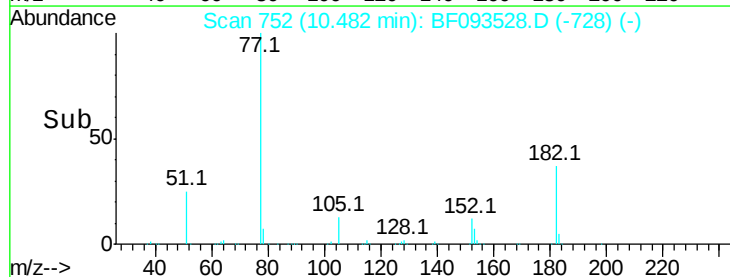
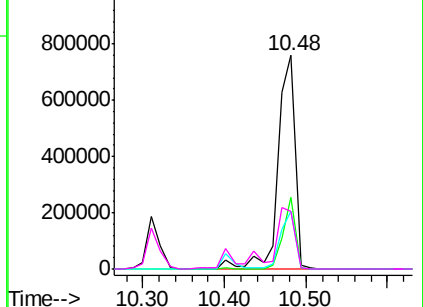


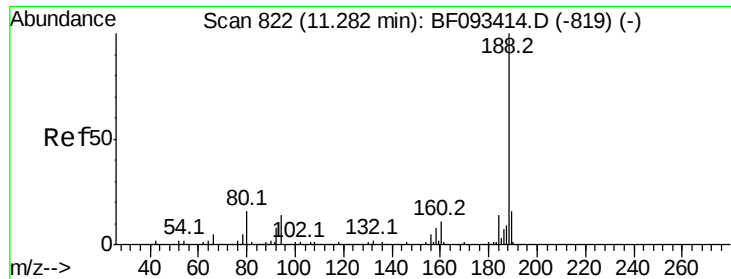
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

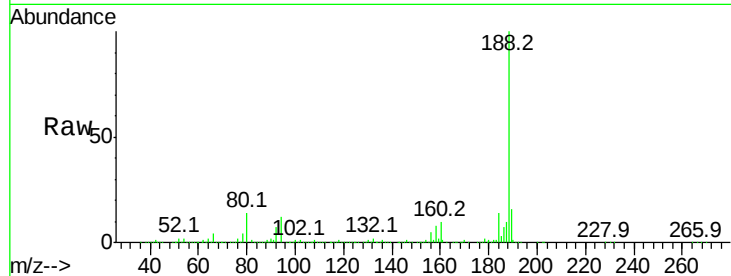
Tot Ion:188 Resp: 595938

Ion Ratio Lower Upper

188 100

94 12.3 10.0 15.0

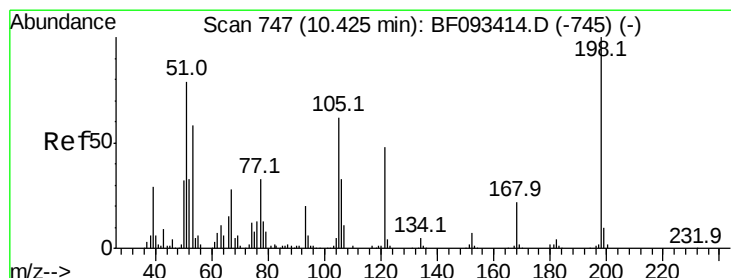
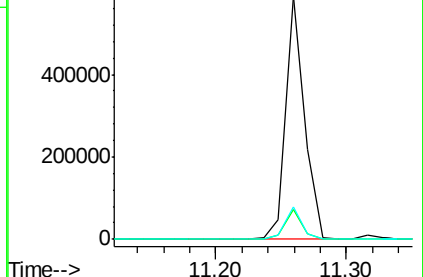
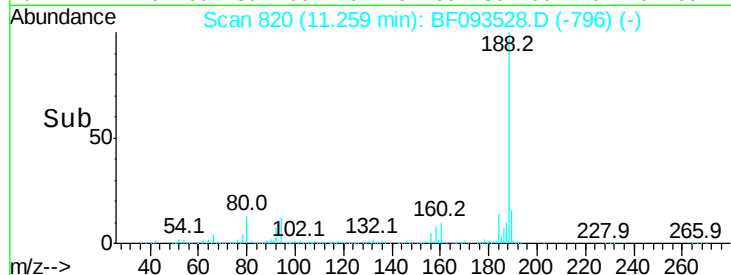
80 13.6 11.2 16.8



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: 36.90 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

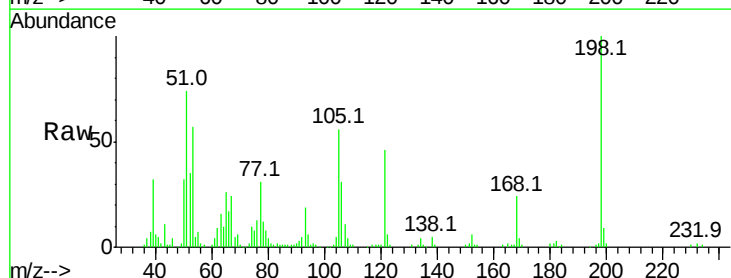
Tgt Ion:198 Resp: 142466

Ion Ratio Lower Upper

198 100

51 73.6 6.7 46.7#

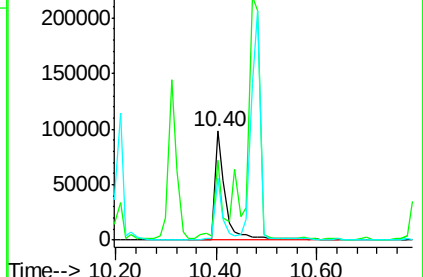
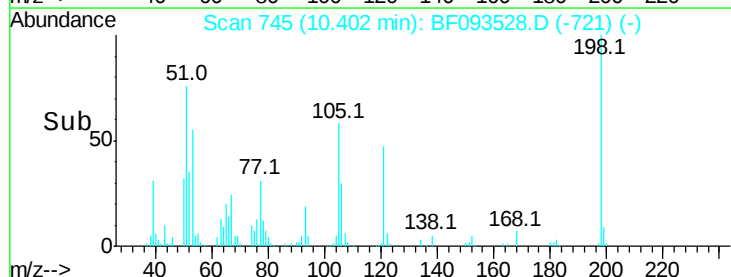
105 56.5 16.6 56.6

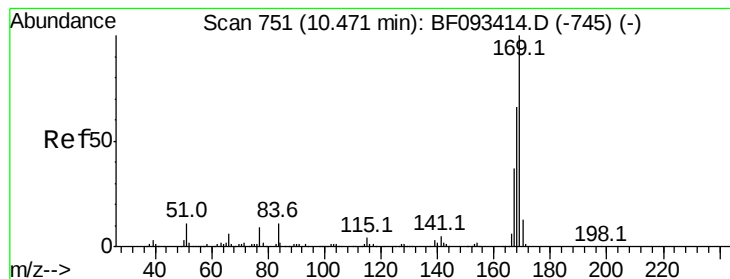


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 18.42 ng

RT: 10.44 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

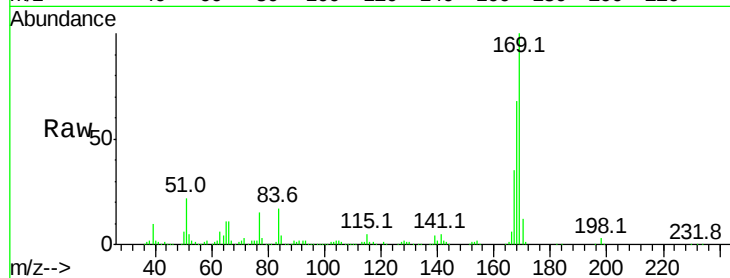
Tot Ion:169 Resp: 366449

Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.2

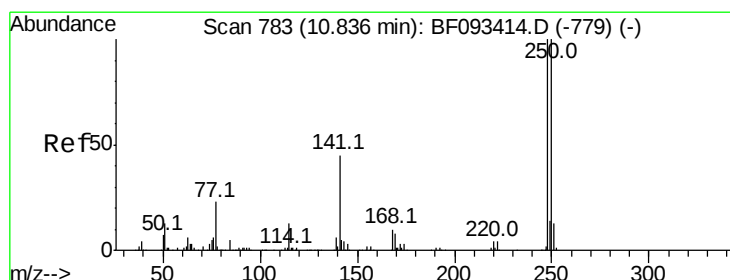
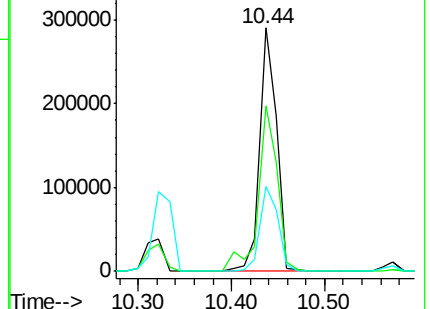
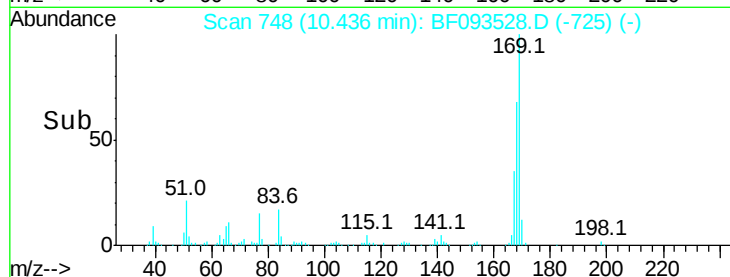
167 35.0 30.2 45.4



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: 41.44 ng

RT: 10.80 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

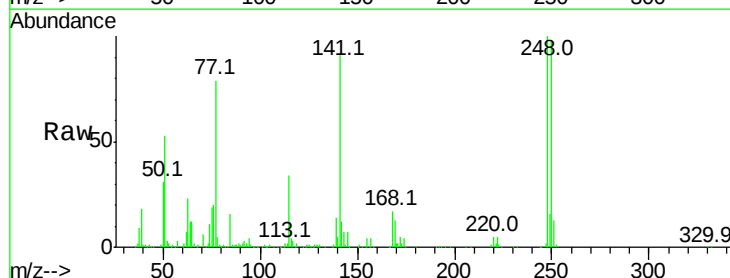
Tgt Ion:248 Resp: 261177

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

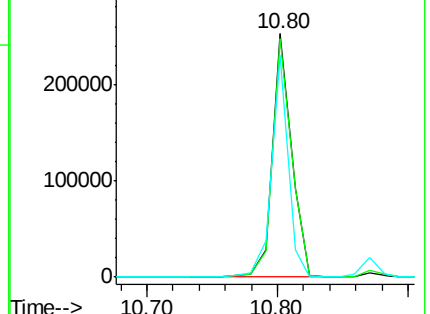
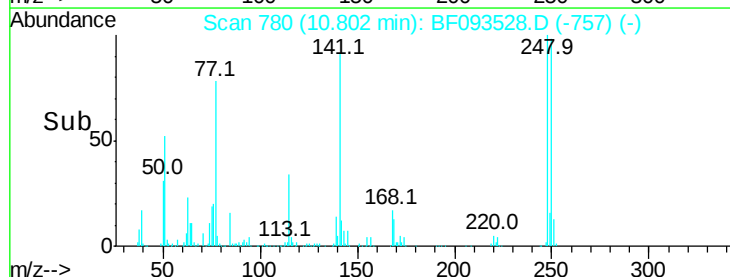
141 91.0 68.2 102.4

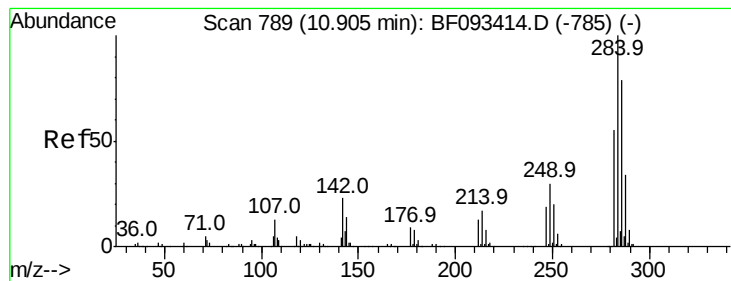


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.72 ng

RT: 10.87 min Scan# 786

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

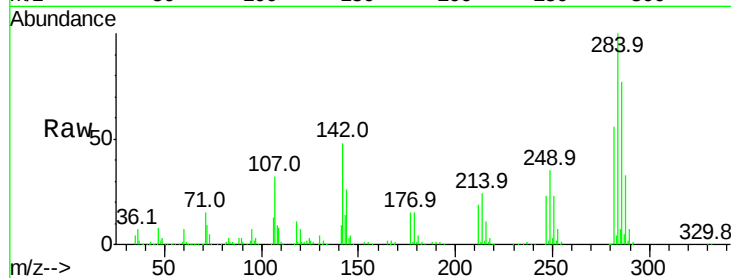
Tot Ion:284 Resp: 263085

Ion Ratio Lower Upper

284 100

142 47.6 22.6 33.8#

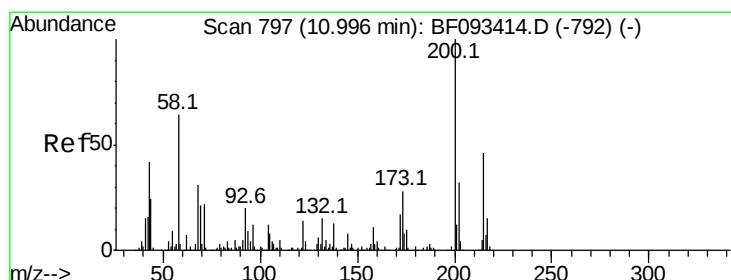
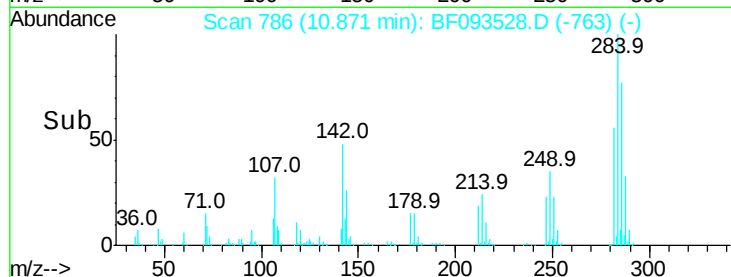
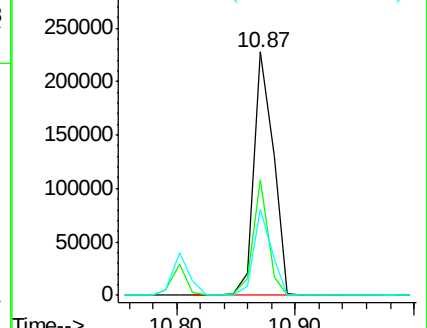
249 35.5 25.4 38.0



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: 11.44 ng

RT: 10.97 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

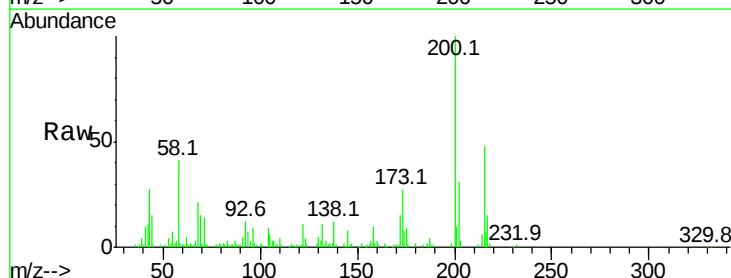
Tgt Ion:200 Resp: 66625

Ion Ratio Lower Upper

200 100

173 26.7 9.6 49.6

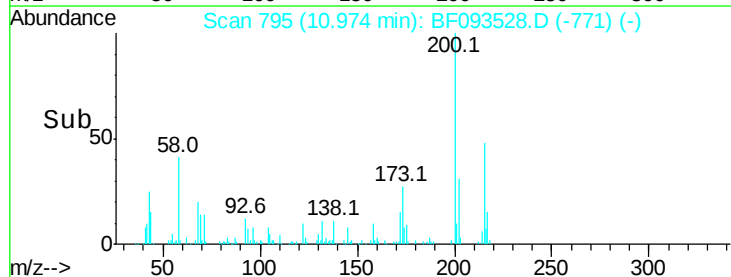
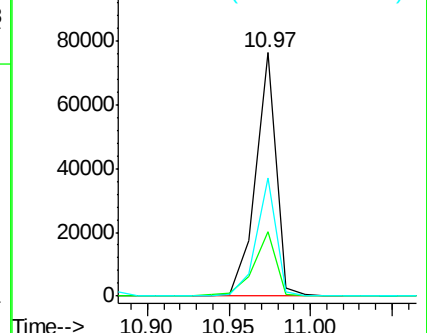
215 48.4 25.7 65.7

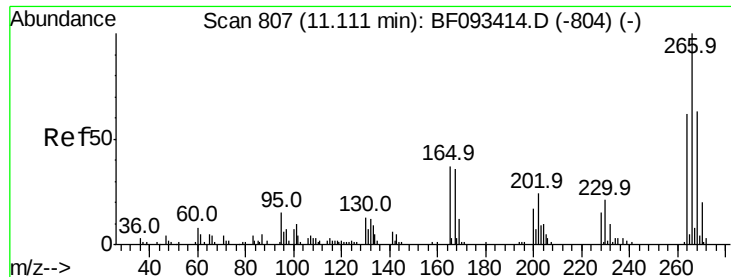


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

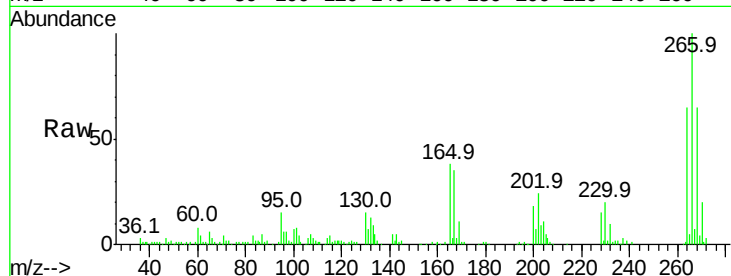




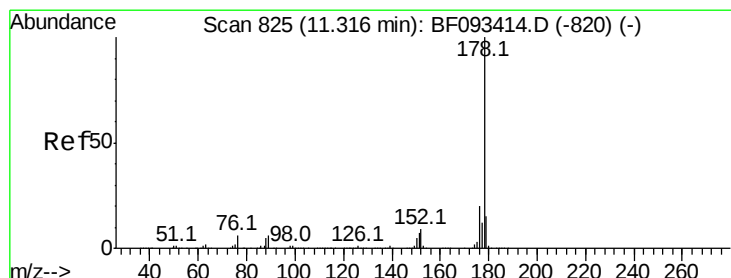
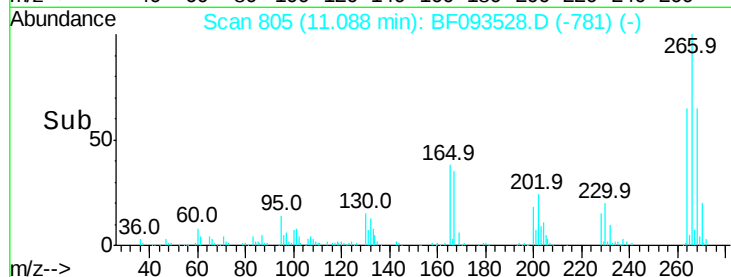
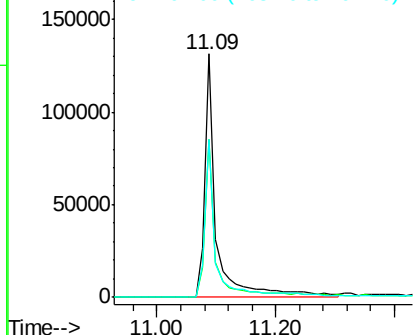
#69
 Pentachlorophenol
 Concen: 88.83 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :
 D-38MS

Tot Ion:266 Resp: 184550
 Ion Ratio Lower Upper
 266 100
 268 65.0 53.3 79.9
 264 65.0 50.3 75.5

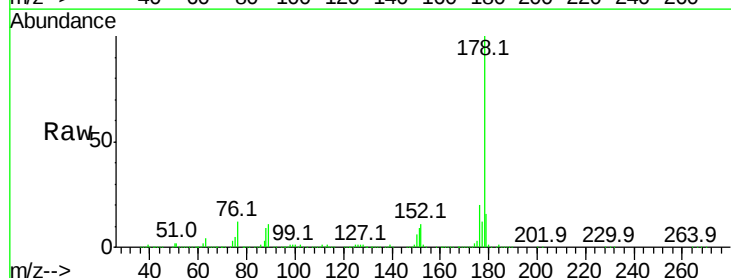


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

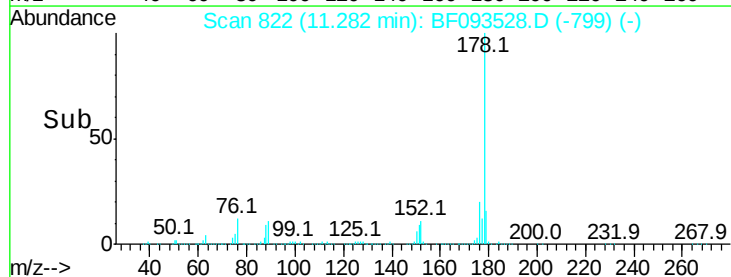
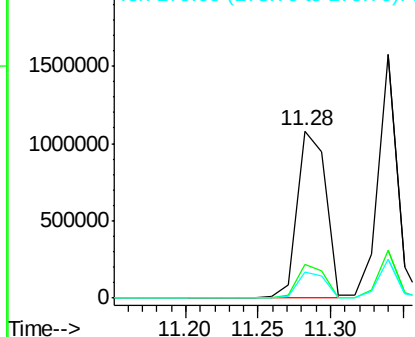


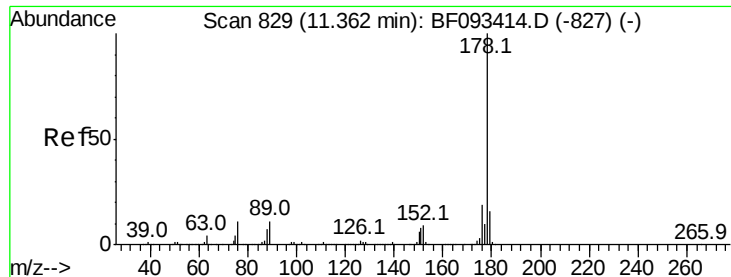
#70
 Phenanthrene
 Concen: 43.38 ng
 RT: 11.28 min Scan# 822
 Delta R.T. -0.03 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Tgt Ion:178 Resp: 1475626
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.9 12.8 19.2



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



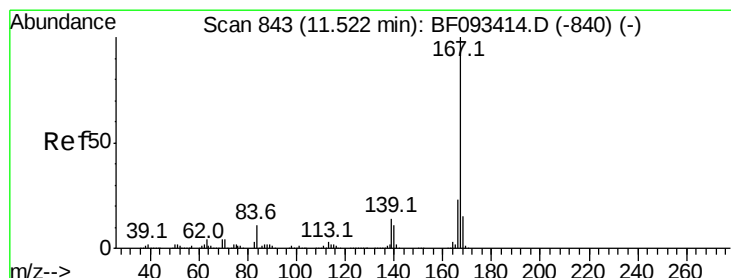
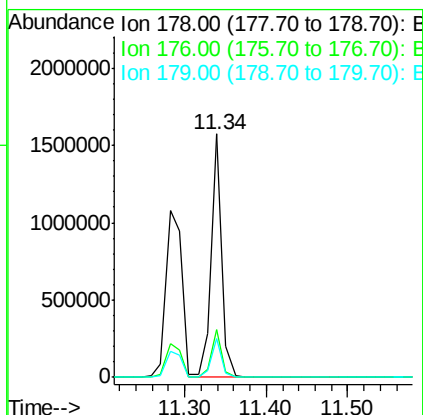
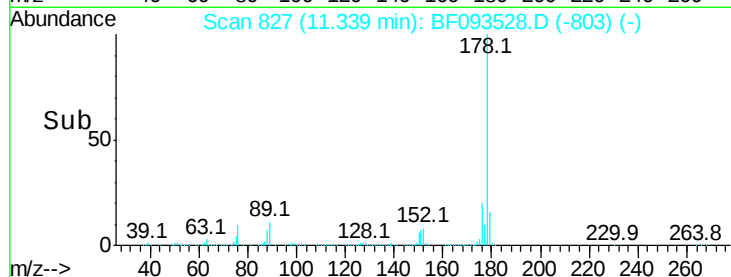
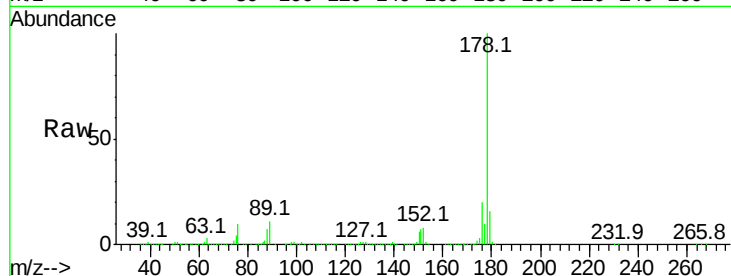


#71
 Anthracene
 Concen: 41.91 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :
 D-38MS

Tot Ion:178 Resp: 1442043

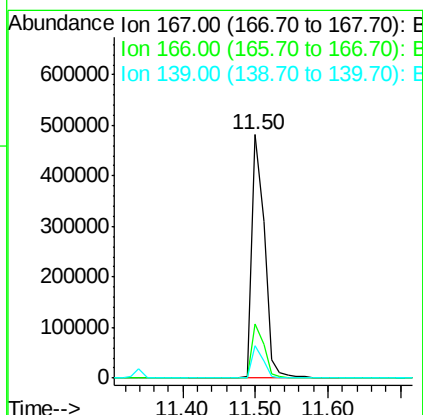
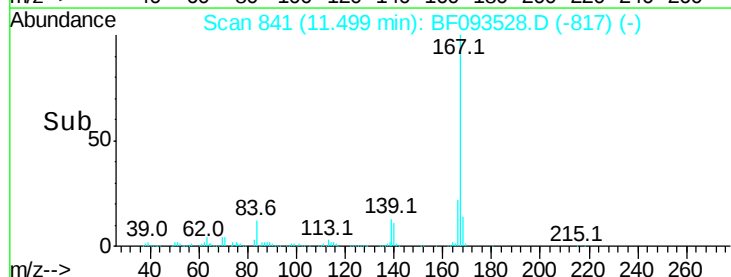
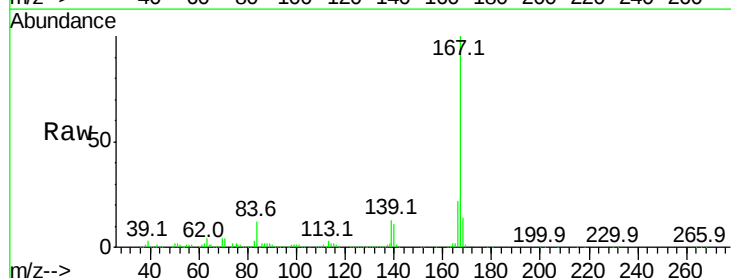
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.9	13.2	19.8

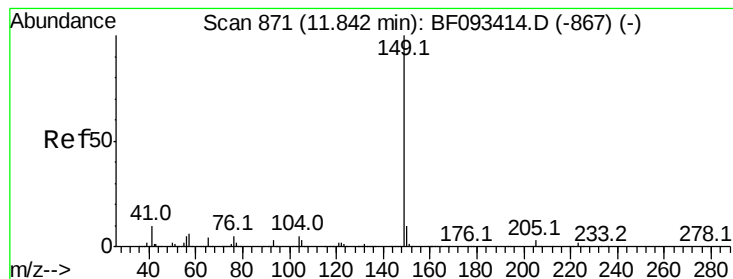


#72
 Carbazole
 Concen: 18.13 ng
 RT: 11.50 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Tgt Ion:167 Resp: 586077

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.3	11.4	17.2





#73

Di-n-butylphthalate

Concen: 43.39 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

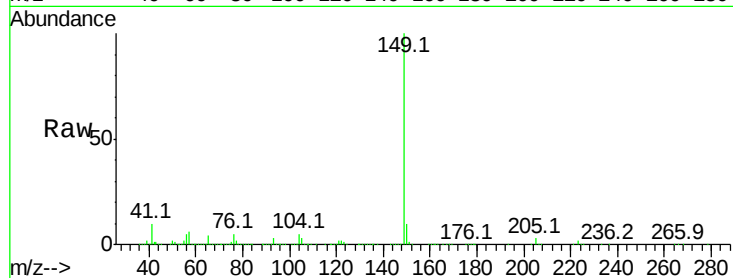
Tot Ion:149 Resp: 1622728

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

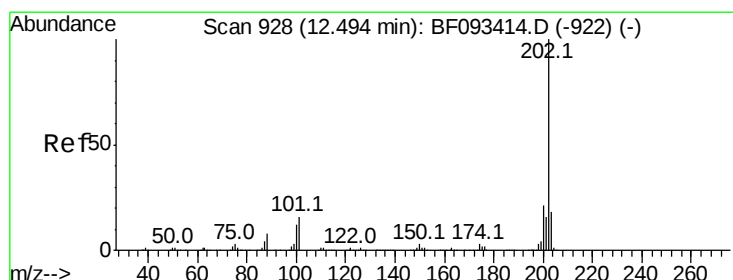
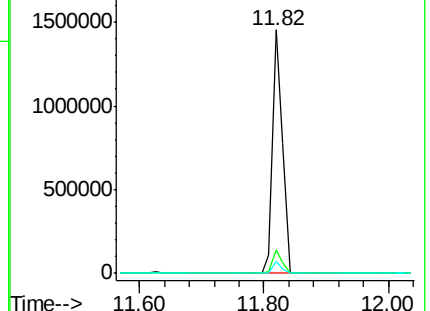
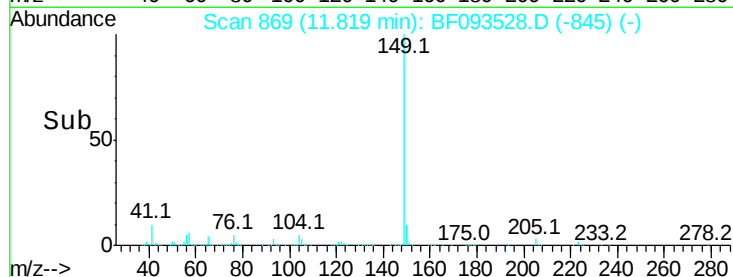
104 4.9 4.6 7.0



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: 45.17 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

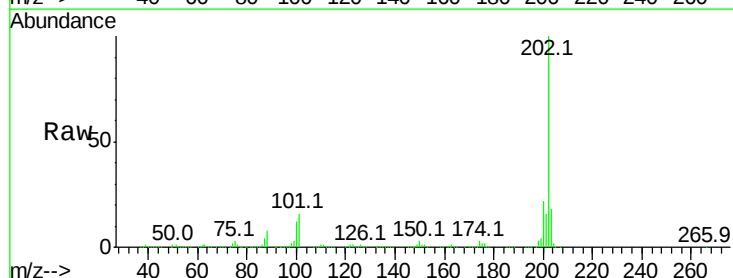
Tgt Ion:202 Resp: 1484112

Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.6

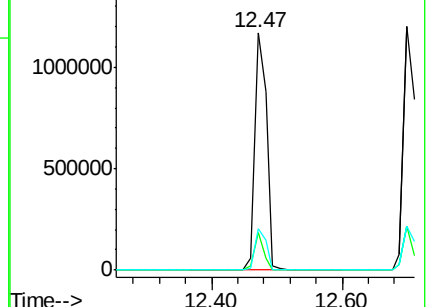
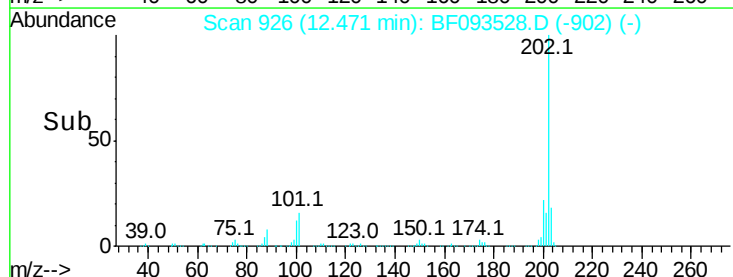
203 17.5 0.0 38.7

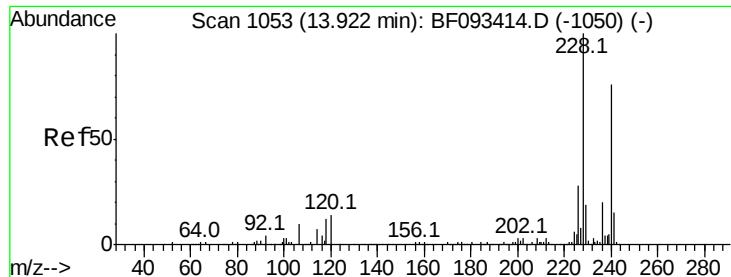


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

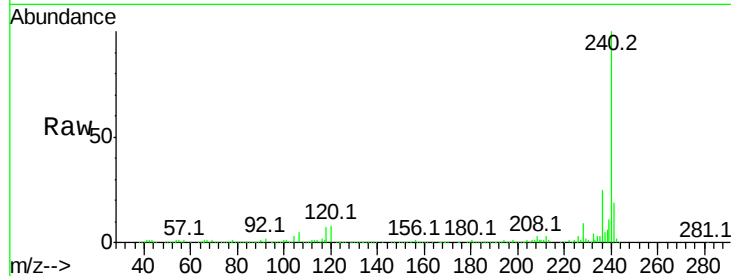
Tot Ion:240 Resp: 471820

Ion Ratio Lower Upper

240 100

120 7.7 12.9 19.3#

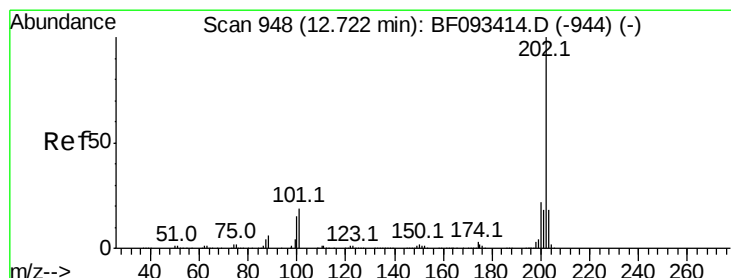
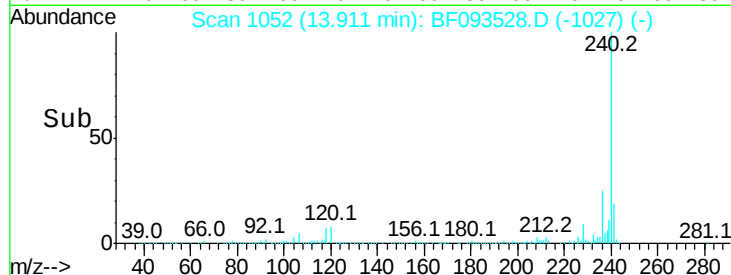
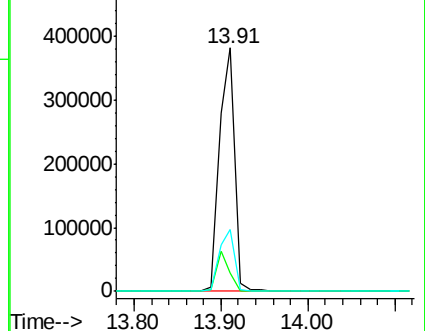
236 25.5 20.9 31.3



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



#77

Pyrene

Concen: 43.09 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

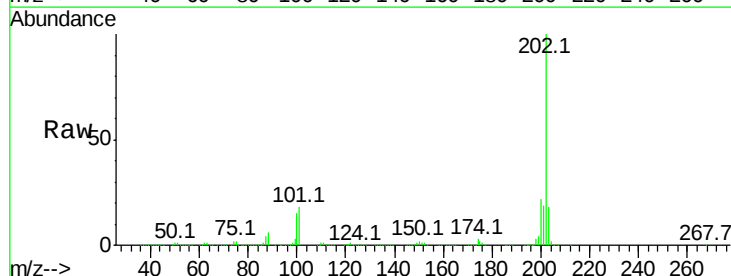
Tgt Ion:202 Resp: 1478681

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

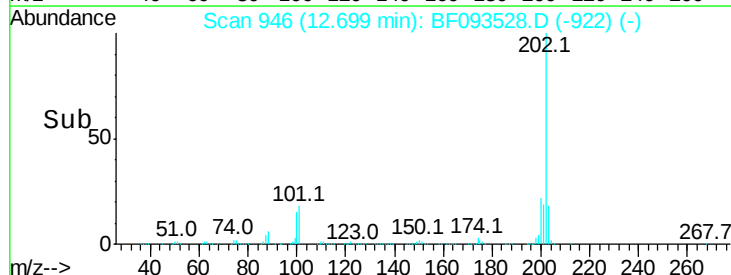
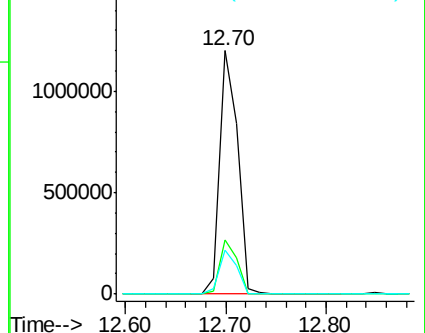
203 18.2 14.7 22.1

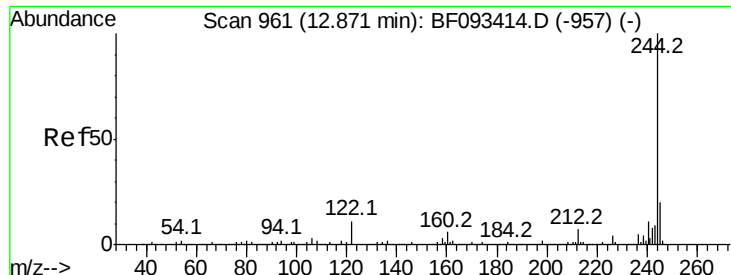


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.41 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

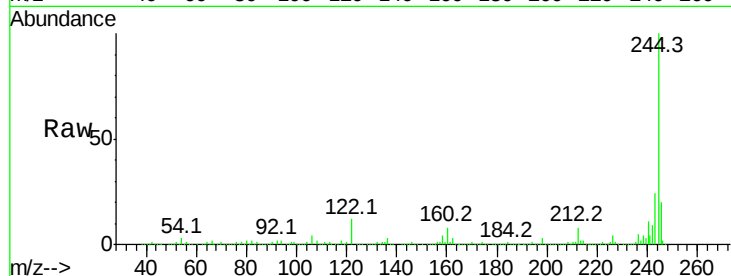
Tot Ion:244 Resp: 1622485

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 11.9 11.4 17.2



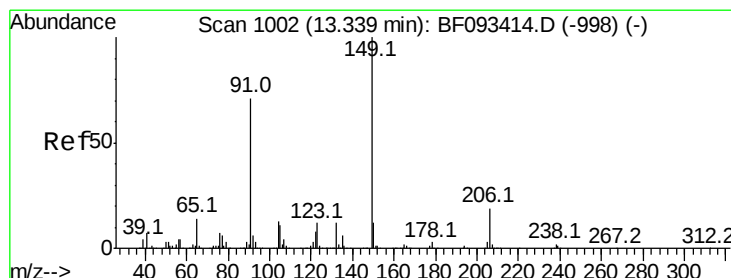
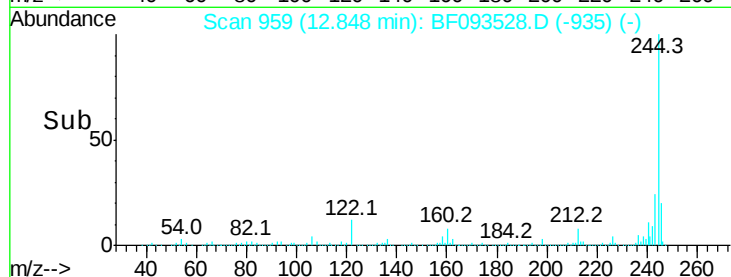
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.85

Time--> 12.60 12.80 13.00



#79

Butylbenzylphthalate

Concen: 48.09 ng

RT: 13.32 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

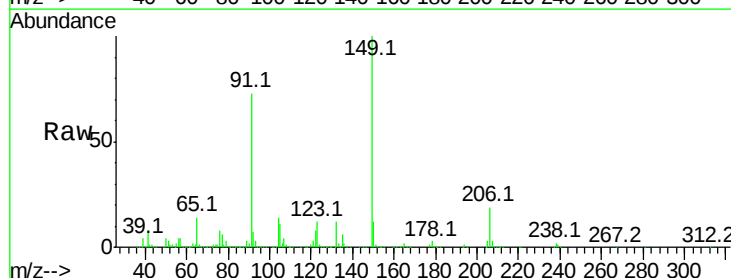
Tgt Ion:149 Resp: 694693

Ion Ratio Lower Upper

149 100

91 72.9 63.9 95.9

206 18.8 14.6 21.8



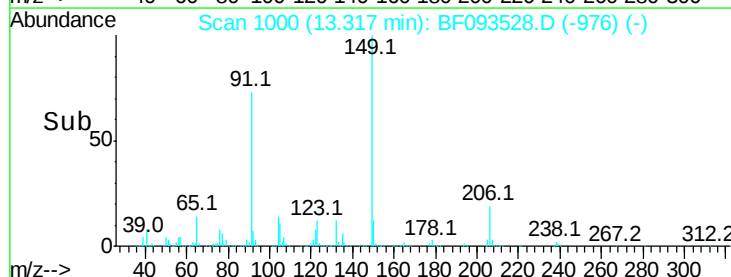
Abundance Ion 149.00 (148.70 to 149.70): E

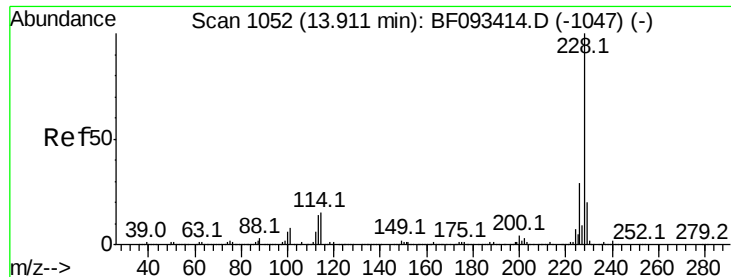
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

13.32

Time--> 13.25 13.30 13.35

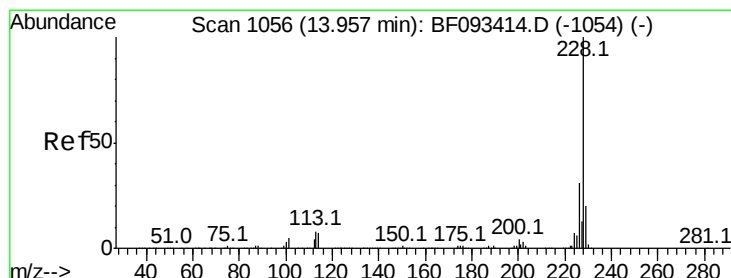
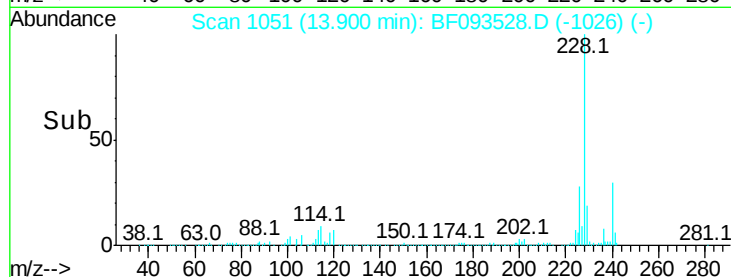
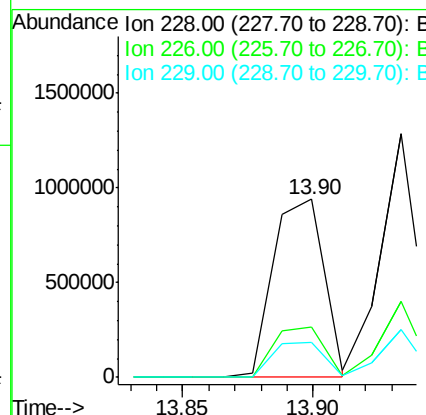
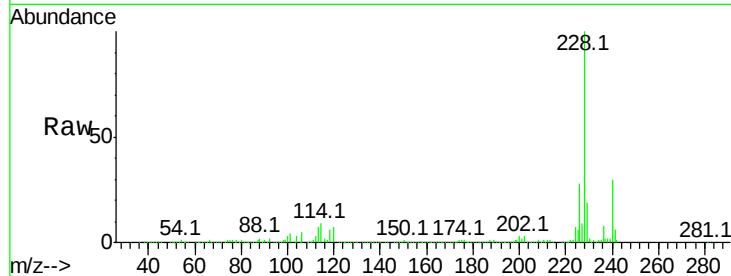




#80
Benzo(a)anthracene
Concen: 45.71 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

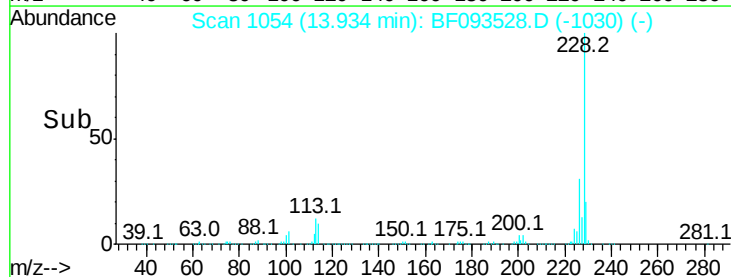
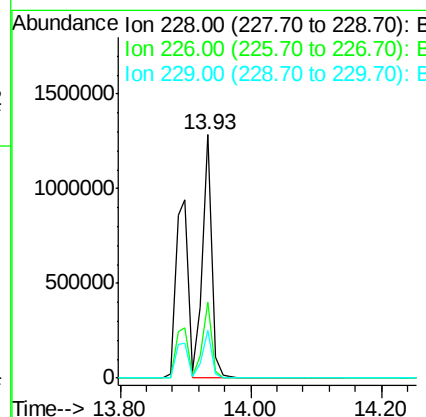
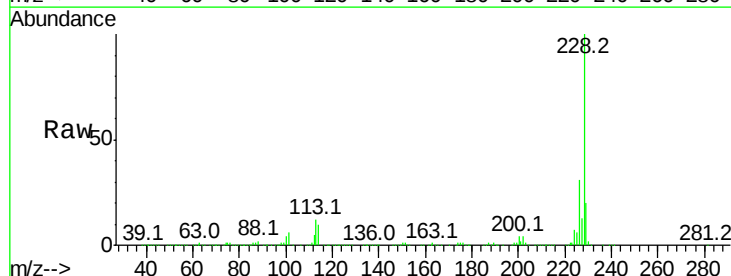
Instrument :
BNA_F
ClientSampleId :
D-38MS

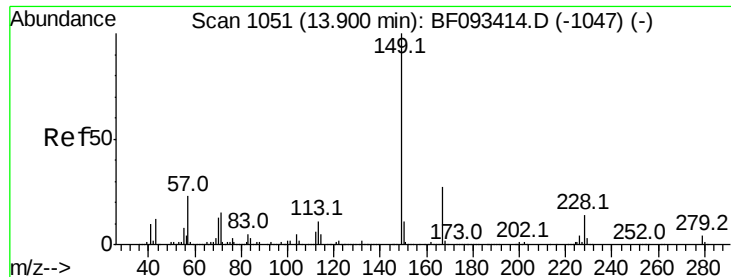
Tot Ion:228 Resp: 1273734
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 19.5 16.2 24.4



#82
Chrysene
Concen: 47.96 ng
RT: 13.93 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Tgt Ion:228 Resp: 1236344
Ion Ratio Lower Upper
228 100
226 31.4 25.4 38.0
229 19.8 16.2 24.2

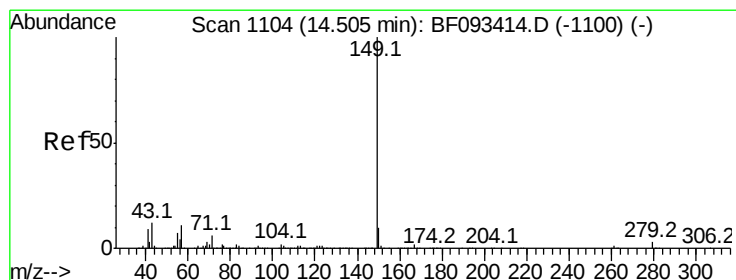
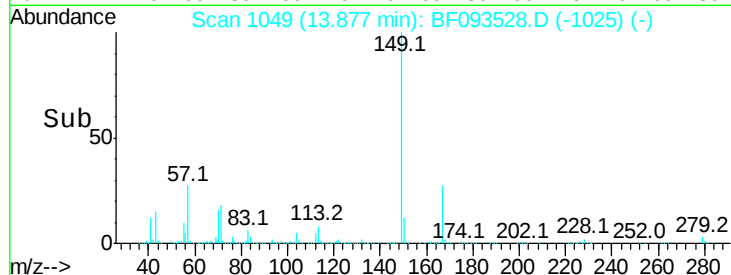
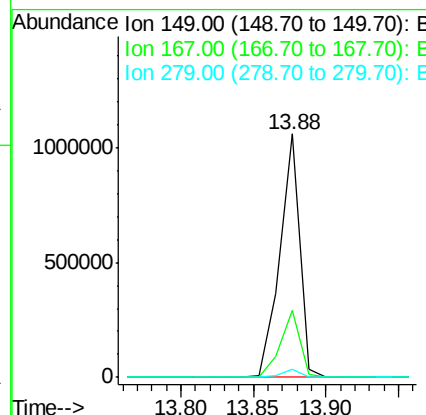
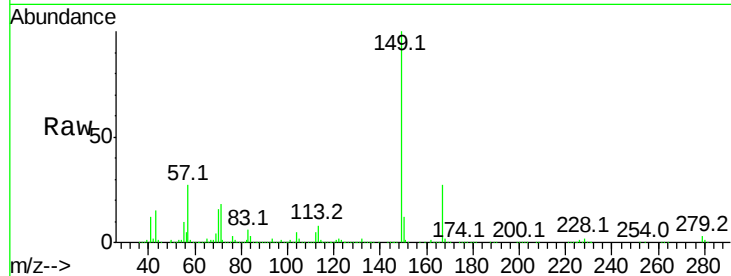




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.04 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

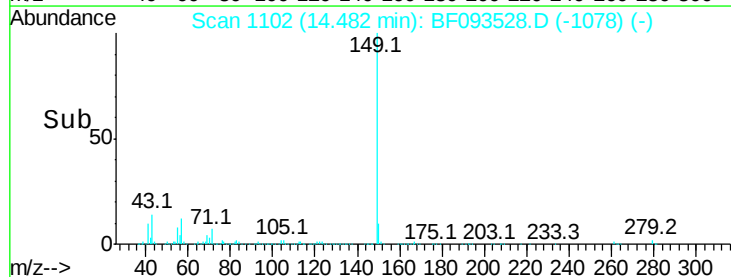
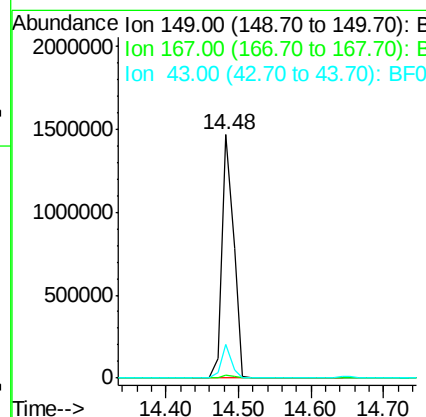
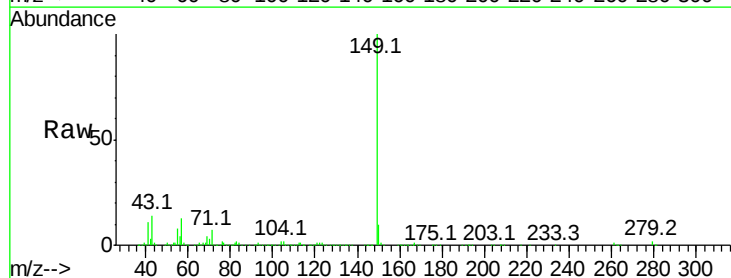
Instrument :
 BNA_F
 ClientSampleId :
 D-38MS

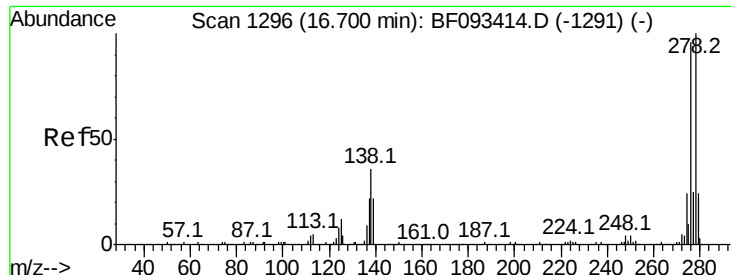
Tot Ion:149 Resp: 1007504
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.2 30.4
 279 3.4 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 48.89 ng
 RT: 14.48 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Tgt Ion:149 Resp: 1640483
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.2 8.9 13.3

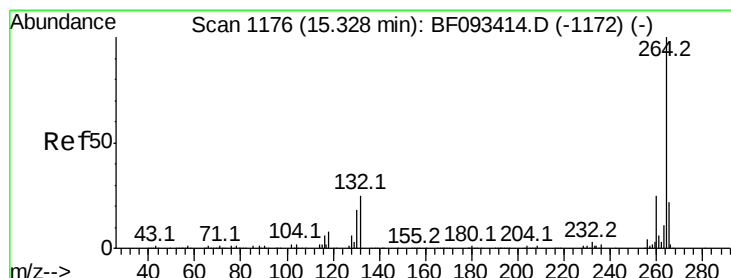
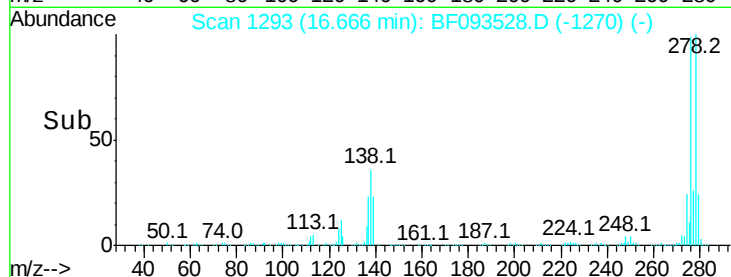
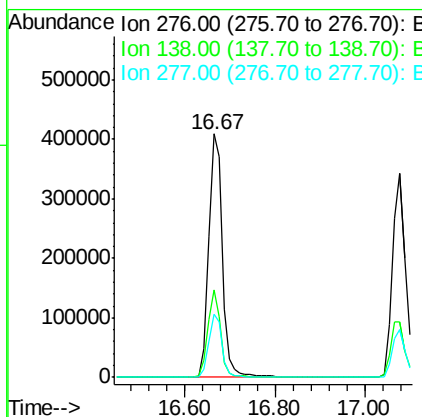
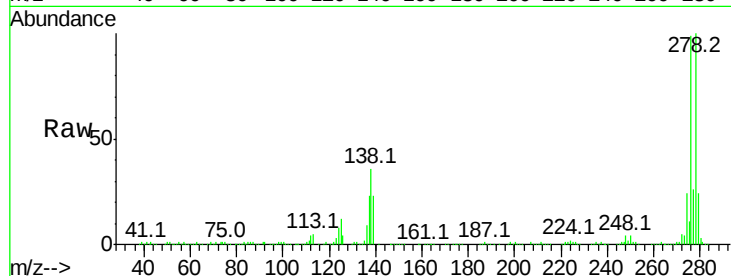




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.13 ng
 RT: 16.67 min Scan# 1293
 Delta R.T. -0.03 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

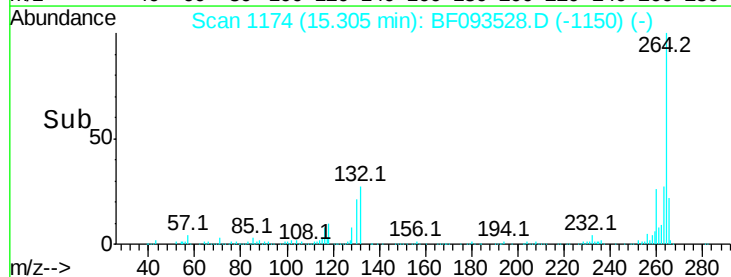
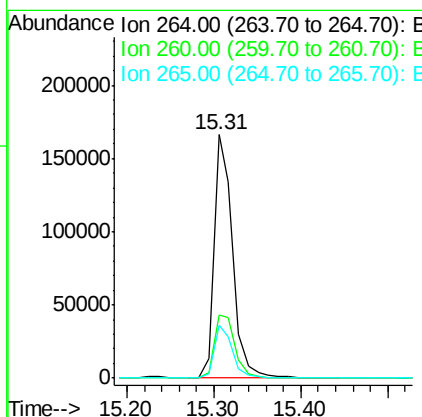
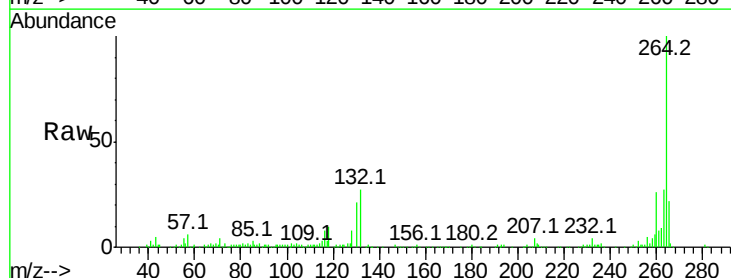
Instrument :
 BNA_F
 ClientSampleId :
 D-38MS

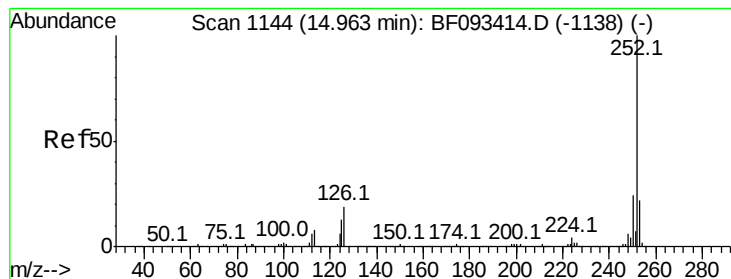
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	21.8	32.6#
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF093528.D
 Acq: 10 Mar 2017 18:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 145.55 ng

RT: 14.92 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

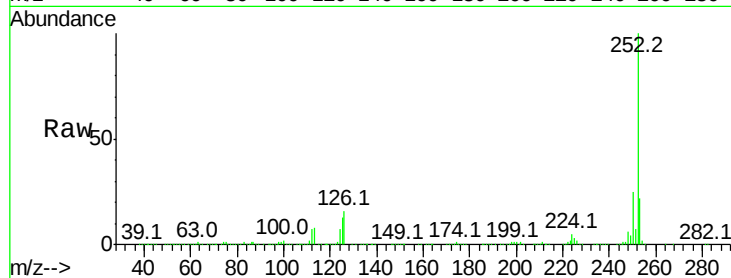
Tot Ion:252 Resp: 2195065

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

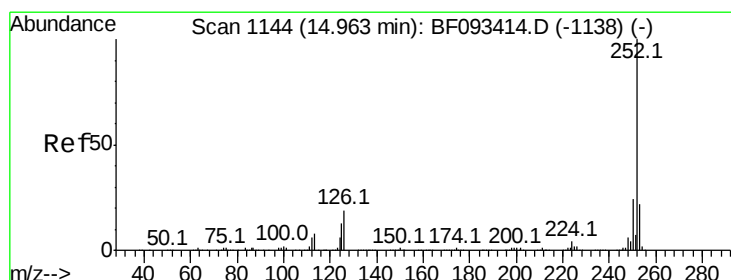
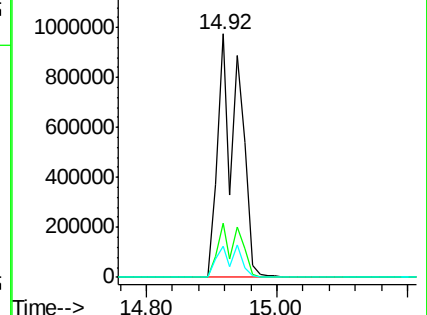
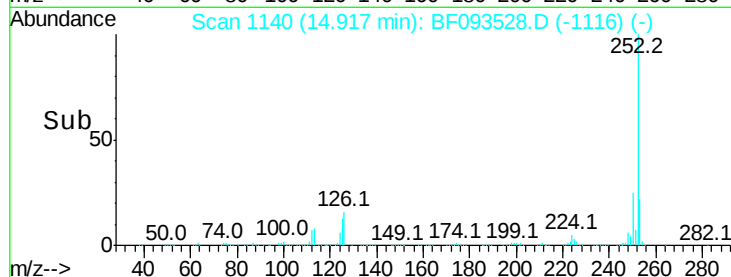
125 12.8 9.8 14.6



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: 150.93 ng

RT: 14.92 min Scan# 1140

Delta R.T. -0.05 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

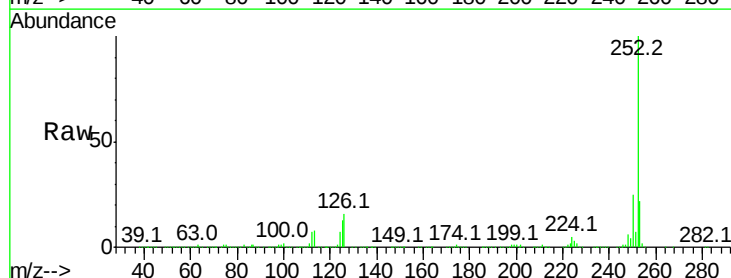
Tgt Ion:252 Resp: 2195065

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

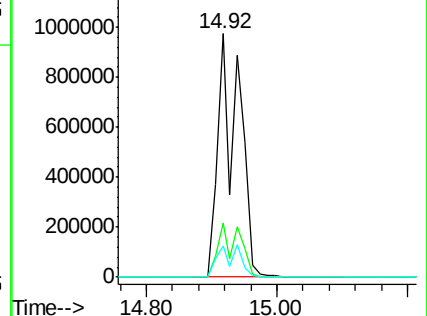
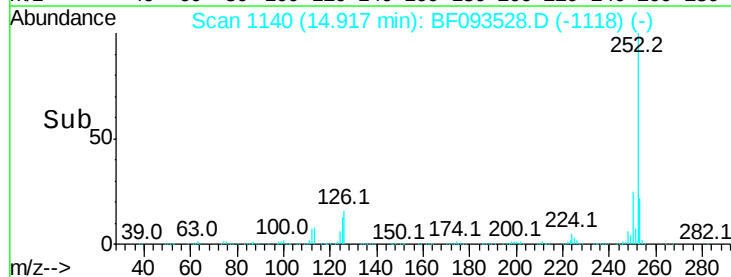
125 12.8 8.9 13.3

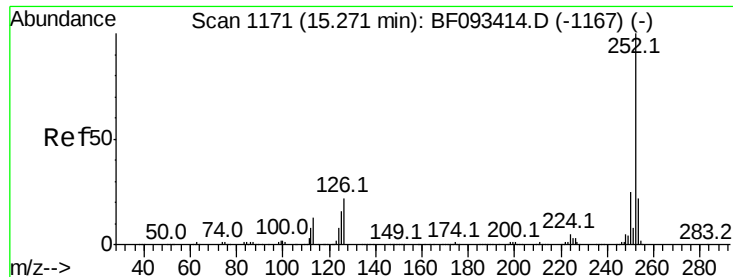


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

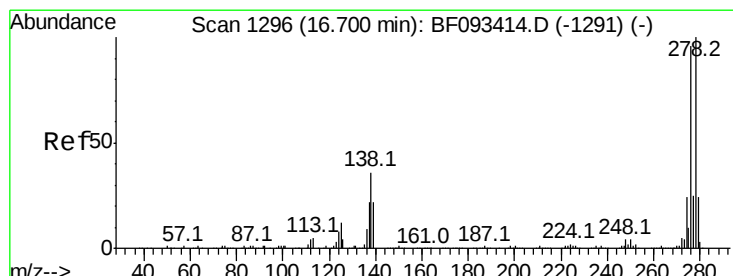
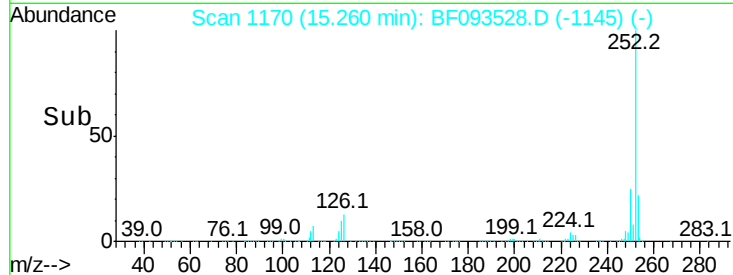
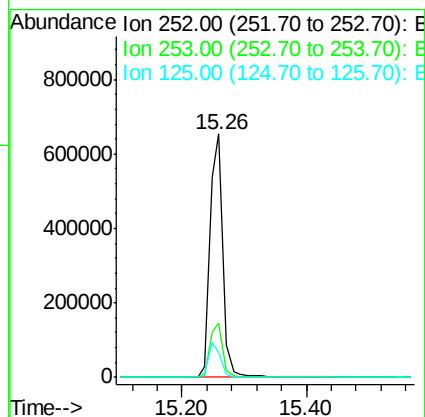
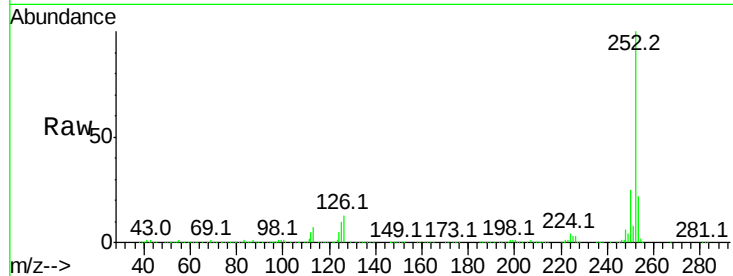




#89
Benzo(a)pyrene
Concen: 66.99 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

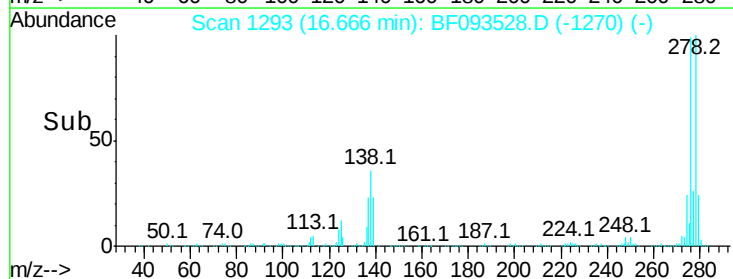
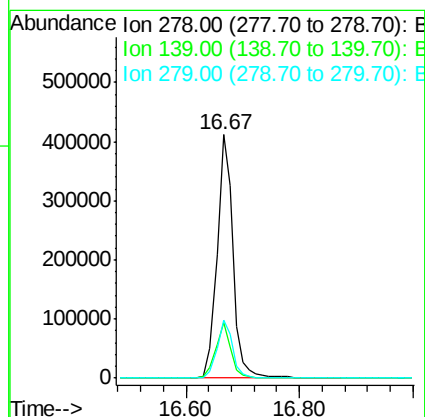
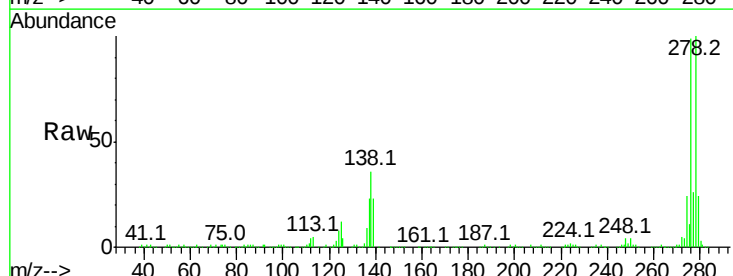
Instrument :
BNA_F
ClientSampleId :
D-38MS

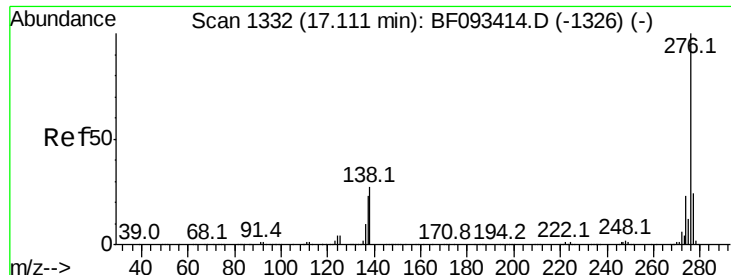
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.3	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 69.41 ng
RT: 16.67 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF093528.D
Acq: 10 Mar 2017 18:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	14.8	22.2#
279	23.9	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 62.63 ng

RT: 17.08 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF093528.D

Acq: 10 Mar 2017 18:05

Instrument :

BNA_F

ClientSampleId :

D-38MS

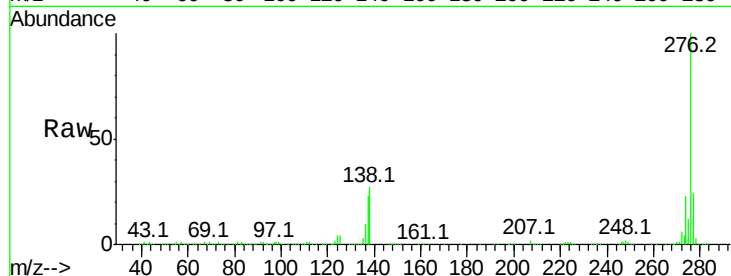
Tot Ion:276 Resp: 732976

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 27.4 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

