

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093574.D
 Acq On : 11 Mar 2017 18:26
 Operator : SJ/MA
 Sample : I2215-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 16:22:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	190731	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	792016	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	371903	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	639344	20.00	ng	0.00
75) Chrysene-d12	13.88	240	402213	20.00	ng	-0.01
86) Perylene-d12	15.28	264	335582	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1573867	137.34	ng	0.01
7) Phenol-d6	6.39	99	1798036	124.42	ng	0.01
23) Nitrobenzene-d5	7.30	82	1368198	95.85	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	335526	138.47	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1834752	91.76	ng	0.00
78) Terphenyl-d14	12.82	244	1416895	91.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	252891	40.06	ng	# 85
3) Pyridine	2.94	79	664037	41.26	ng	90
4) n-Nitrosodimethylamine	2.90	42	403421	52.48	ng	82
6) Aniline	6.39	93	445389	22.46	ng	# 69
8) 2-Chlorophenol	6.52	128	577977	45.01	ng	98
9) Benzaldehyde	6.29	77	101985	8.44	ng	92
10) Phenol	6.40	94	953585	53.85	ng	84
11) bis(2-Chloroethyl)ether	6.47	93	630916	44.08	ng	98
12) 1,3-Dichlorobenzene	6.65	146	615870	41.91	ng	# 89
13) 1,4-Dichlorobenzene	6.73	146	637439	42.36	ng	100
14) 1,2-Dichlorobenzene	6.89	146	544865	40.89	ng	97
15) Benzyl Alcohol	6.88	79	517250	50.21	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1002526	42.17	ng	# 44
17) 2-Methylphenol	7.01	107	496589	45.72	ng	# 88
18) Hexachloroethane	7.22	117	226174	44.57	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	499253	50.25	ng	95
20) 3+4-Methylphenols	7.17	107	709651	50.38	ng	# 72
22) Acetophenone	7.14	105	834715	43.80	ng	# 99
24) Nitrobenzene	7.32	77	705706	43.99	ng	98
25) Isophorone	7.56	82	1277353	44.38	ng	94
26) 2-Nitrophenol	7.64	139	340552	46.53	ng	99
27) 2,4-Dimethylphenol	7.68	122	508672	42.72	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	825740	45.44	ng	100
29) 2,4-Dichlorophenol	7.89	162	542768	48.45	ng	90
30) 1,2,4-Trichlorobenzene	7.96	180	516977	43.40	ng	98
31) Naphthalene	8.02	128	1599731	40.31	ng	99
32) Benzoic acid	7.68	122	508672	82.21	ng	# 15
33) 4-Chloroaniline	8.09	127	338929	21.04	ng	# 90
34) Hexachlorobutadiene	8.14	225	255452	41.63	ng	98
35) Caprolactam	8.48	113	113367	29.63	ng	# 21
36) 4-Chloro-3-methylphenol	8.61	107	577777	48.32	ng	93
37) 2-Methylnaphthalene	8.72	142	1092557	43.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	474563	46.73	ng	99
40) Hexachlorocyclopentadiene	8.87	237	254032	96.25	ng	97

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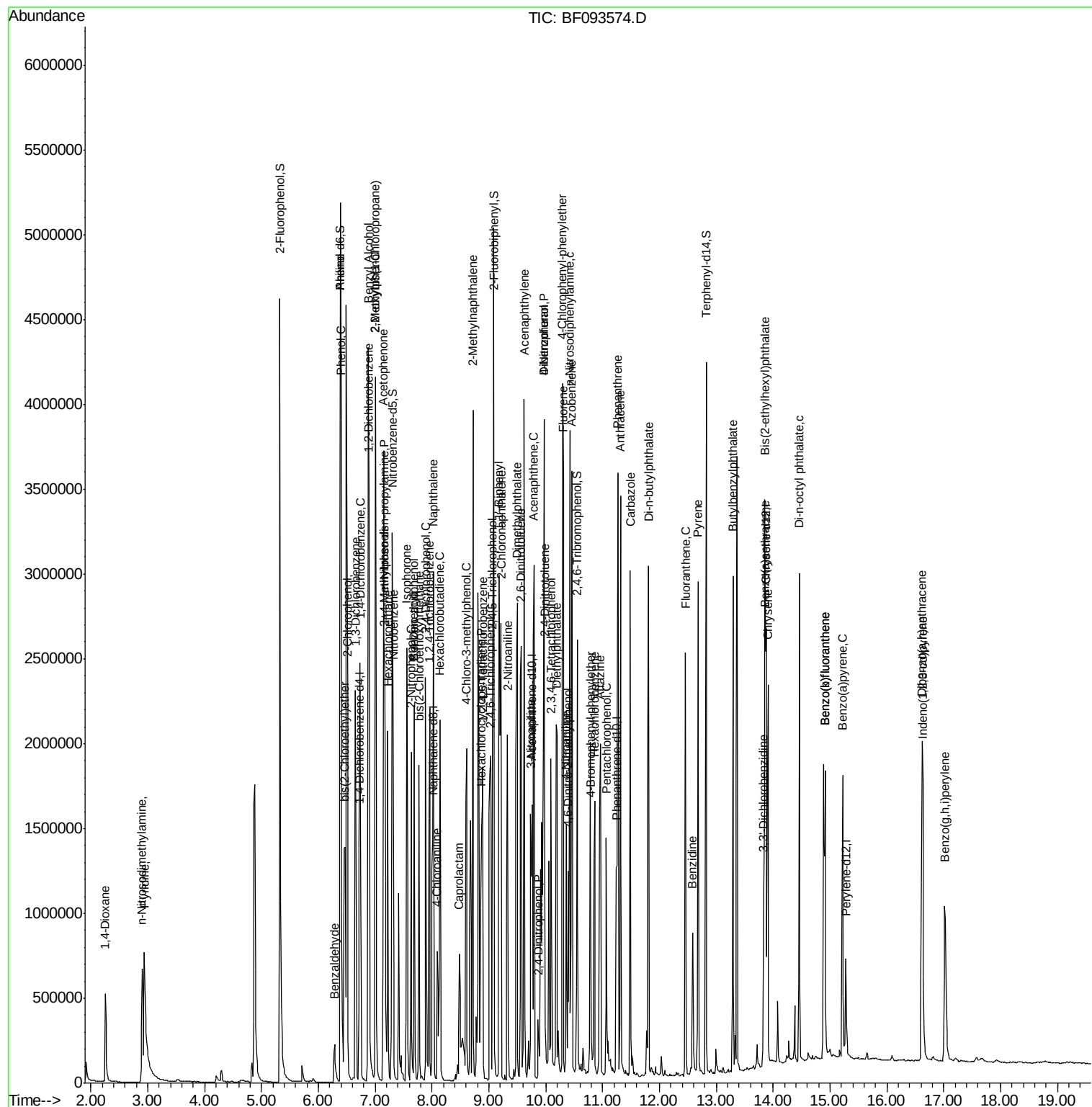
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	341087	53.76	nq	92
43) 2,4,5-Trichlorophenol	9.06	196	331289	48.66	nq	97
45) 1,1'-Biphenyl	9.18	154	1259242	46.48	nq	95
46) 2-Chloronaphthalene	9.21	162	1042684	50.28	nq	97
47) 2-Nitroaniline	9.33	65	426505	58.18	nq	87
48) Acenaphthylene	9.62	152	1607041	46.99	nq	99
49) Dimethylphthalate	9.50	163	1574147	63.85	nq	100
50) 2,6-Dinitrotoluene	9.57	165	296171	54.74	nq	# 87
51) Acenaphthene	9.80	154	969572	47.94	nq	97
52) 3-Nitroaniline	9.74	138	204037	31.39	nq	99
53) 2,4-Dinitrophenol	9.86	184	90794	36.85	nq	# 57
54) Dibenzofuran	9.97	168	1389960	54.91	nq	98
55) 4-Nitrophenol	9.97	139	914490	289.67	nq	# 11
56) 2,4-Dinitrotoluene	9.98	165	363403	54.68	nq	93
57) Fluorene	10.31	166	1050158	48.96	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	246491	51.30	nq	# 97
59) Diethylphthalate	10.20	149	1202208	51.02	nq	95
60) 4-Chlorophenyl-phenylether	10.30	204	466639	48.53	nq	88
61) 4-Nitroaniline	10.36	138	278271	41.86	nq	94
62) Azobenzene	10.46	77	1486877	55.53	nq	96
64) 4,6-Dinitro-2-methylphenol	10.39	198	178664	43.13	nq	# 54
65) n-Nitrosodiphenylamine	10.42	169	902616	42.28	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	280995	41.56	nq	# 82
67) Hexachlorobenzene	10.86	284	268999	41.67	nq	97
68) Atrazine	10.96	200	314952	50.40	nq	96
69) Pentachlorophenol	11.06	266	194816	87.40	nq	98
70) Phenanthrene	11.27	178	1595645	43.72	nq	99
71) Anthracene	11.32	178	1473791	39.92	nq	99
72) Carbazole	11.49	167	1440666	41.54	nq	99
73) Di-n-butylphthalate	11.81	149	1803144	44.94	nq	# 97
74) Fluoranthene	12.46	202	1508205	42.79	nq	93
76) Benzidine	12.58	184	361659	27.34	nq	96
77) Pyrene	12.68	202	1473077	50.36	nq	100
79) Butylbenzylphthalate	13.29	149	655818	53.26	nq	98
80) Benzo(a)anthracene	13.87	228	1063184	44.76	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	203830	24.50	nq	99
82) Chrysene	13.91	228	1016801	46.27	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	894863	52.14	nq	# 98
84) Di-n-octyl phthalate	14.46	149	1285977	44.95	nq	96
85) Indeno(1,2,3-cd)pyrene	16.63	276	876166	47.63	nq	# 93
87) Benzo(b)fluoranthene	14.92	252	1704503	83.40	nq	97
88) Benzo(k)fluoranthene	14.92	252	1704503	86.48	nq	97
89) Benzo(a)pyrene	15.23	252	815053	43.64	nq	99
90) Dibenzo(a,h)anthracene	16.62	278	744393	48.17	nq	# 94
91) Benzo(g,h,i)perylene	17.02	276	792221	49.95	nq	# 90

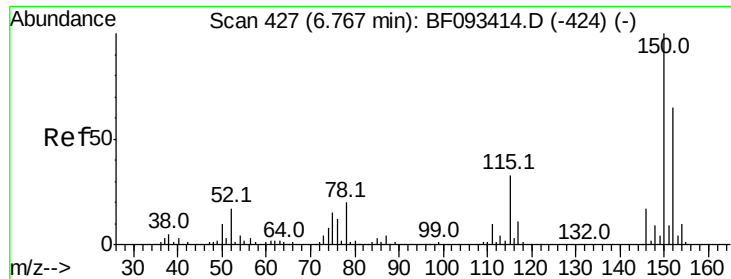
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

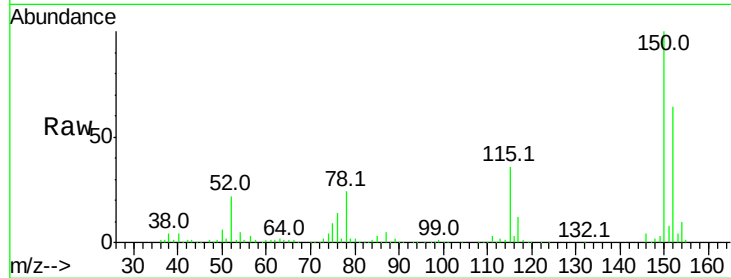
Tot Ion:152 Resp: 190731

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

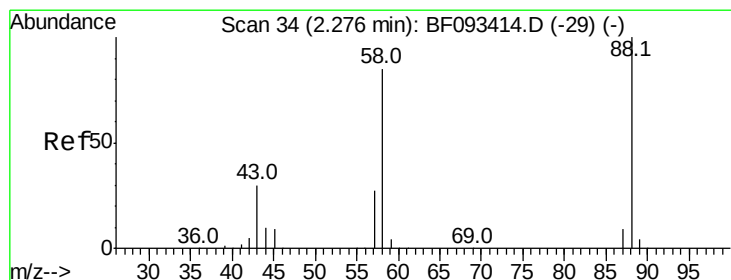
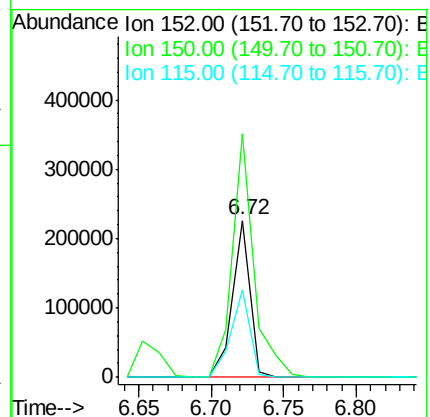
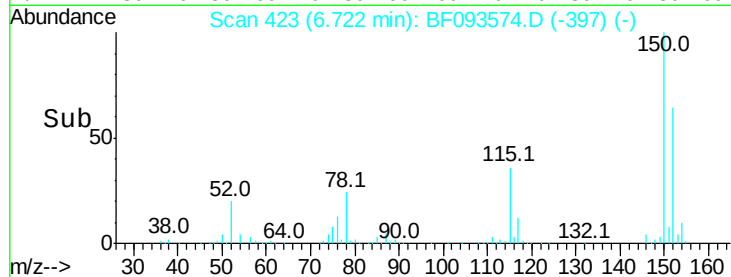
115 55.9 46.0 69.0



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: 40.06 ng

RT: 2.25 min Scan# 32

Delta R.T. 0.07 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

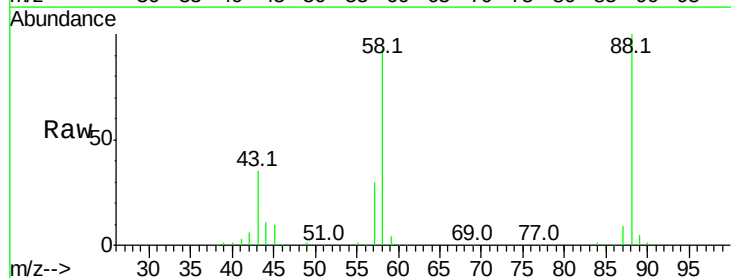
Tgt Ion: 88 Resp: 252891

Ion Ratio Lower Upper

88 100

58 86.8 57.8 86.8#

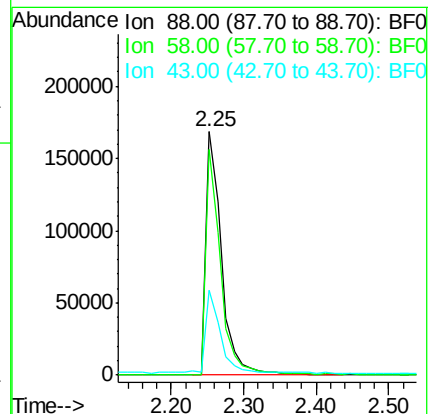
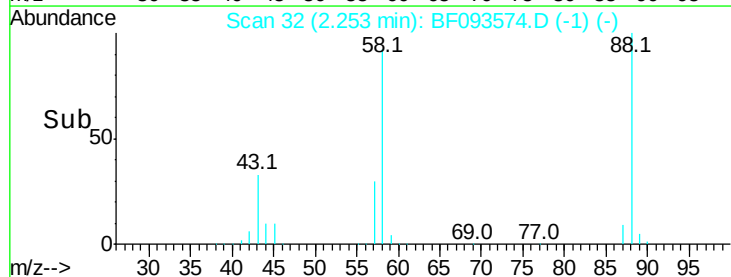
43 31.8 22.3 33.5

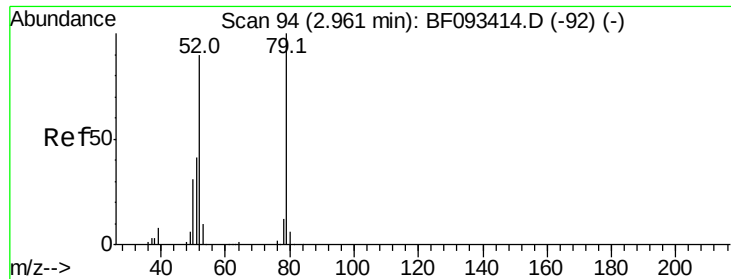


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.26 ng

RT: 2.94 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

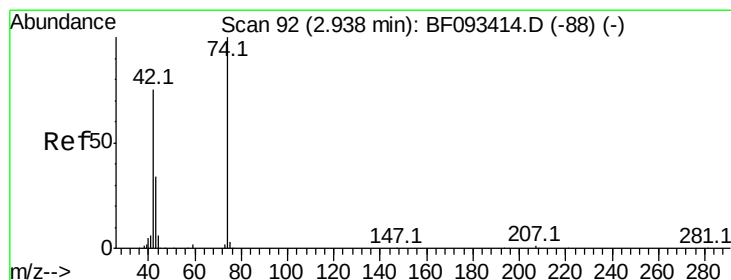
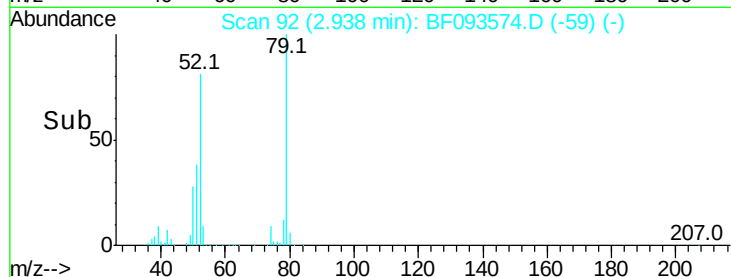
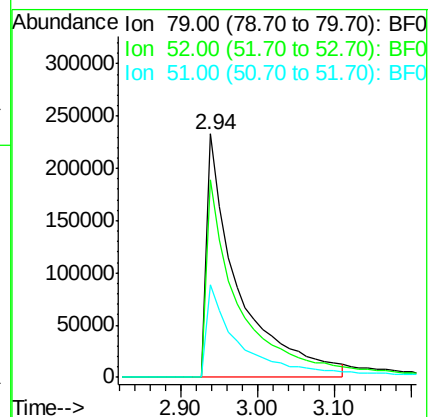
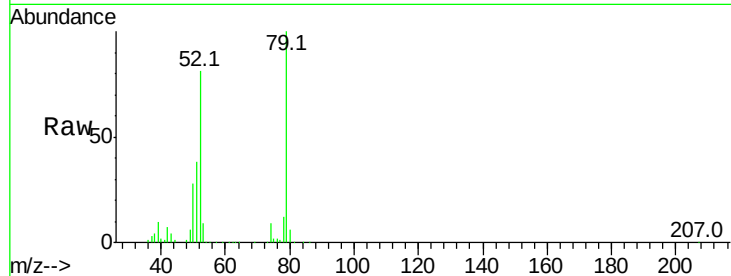
Tot Ion: 79 Resp: 664037

Ion Ratio Lower Upper

79 100

52 81.1 57.1 85.7

51 38.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 52.48 ng

RT: 2.90 min Scan# 89

Delta R.T. 0.07 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

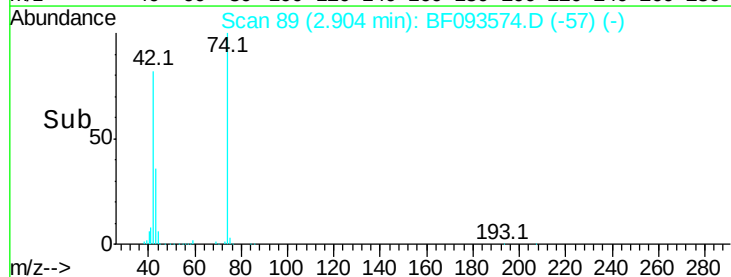
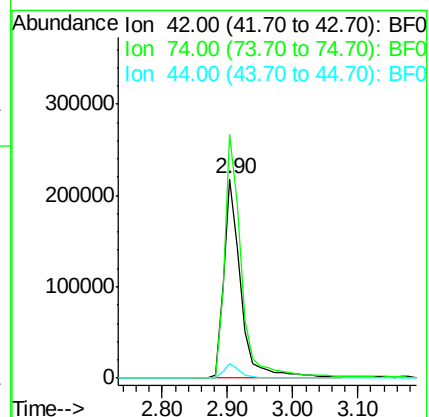
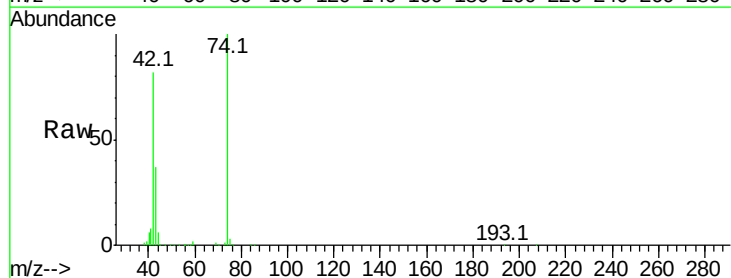
Tgt Ion: 42 Resp: 403421

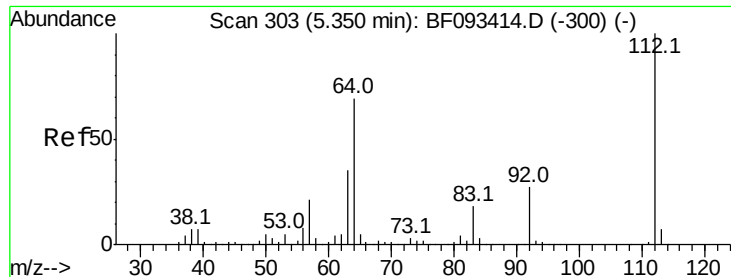
Ion Ratio Lower Upper

42 100

74 122.3 117.0 175.4

44 7.4 5.5 8.3

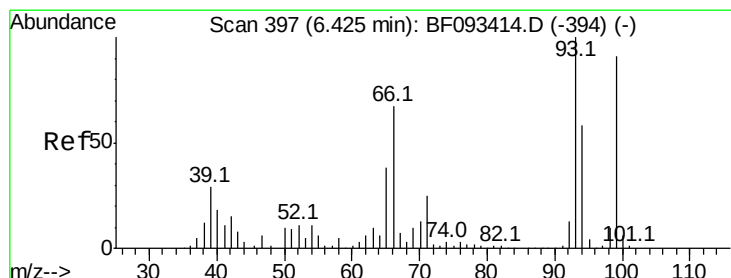
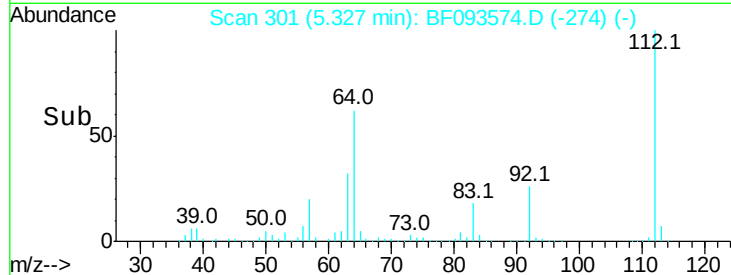
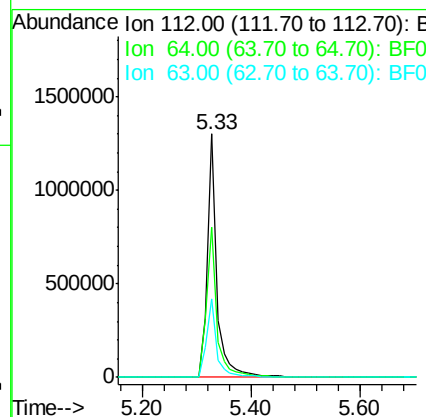
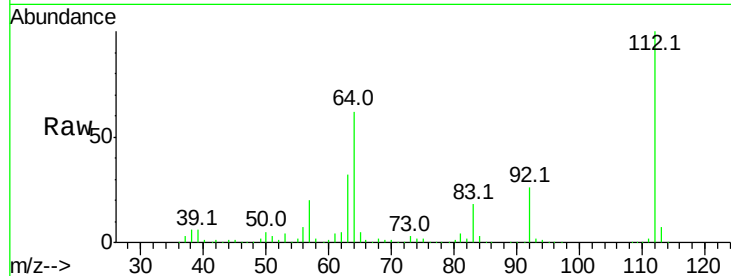




#5
 2-Fluorophenol
 Concen: 137.34 ng
 RT: 5.33 min Scan# 301
 Delta R.T. 0.01 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

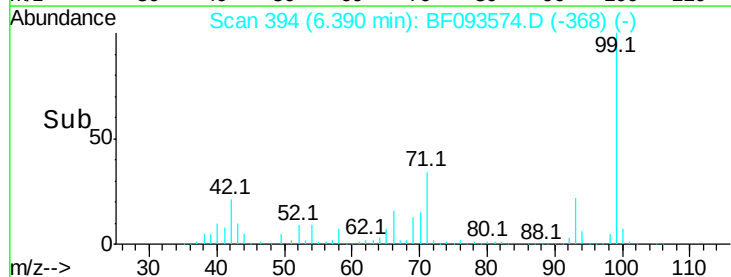
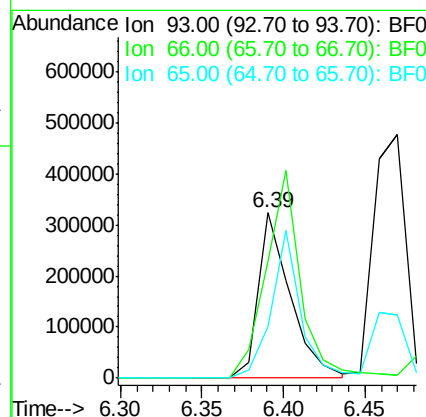
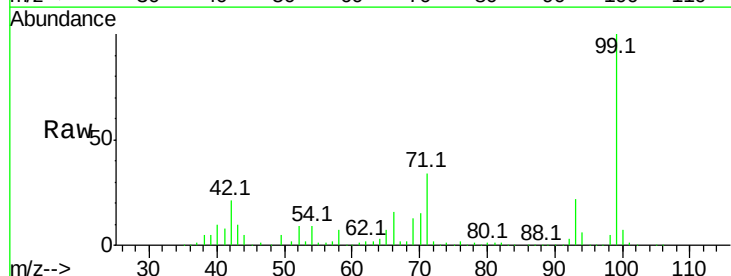
Instrument :
 BNA_F
 ClientSampled :

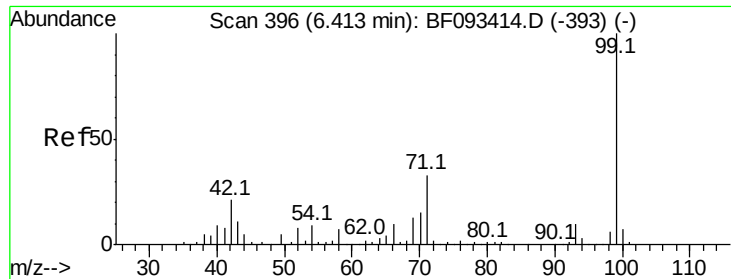
Tot Ion:112 Resp: 1573867
 Ion Ratio Lower Upper
 112 100
 64 61.9 46.1 69.1
 63 32.1 23.8 35.6



#6
 Aniline
 Concen: 22.46 ng
 RT: 6.39 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion: 93 Resp: 445389
 Ion Ratio Lower Upper
 93 100
 66 71.1 76.2 114.2#
 65 31.1 49.3 73.9#





#7

Phenol-d6

Concen: 124.42 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

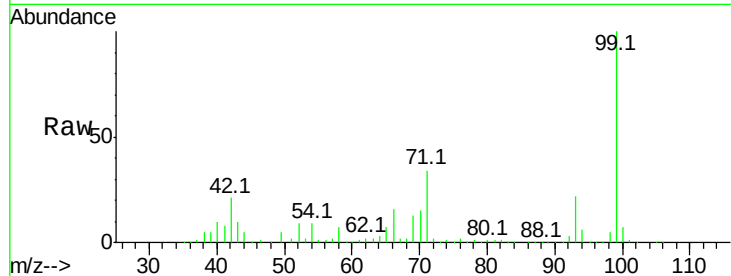
Tot Ion: 99 Resp: 1798036

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

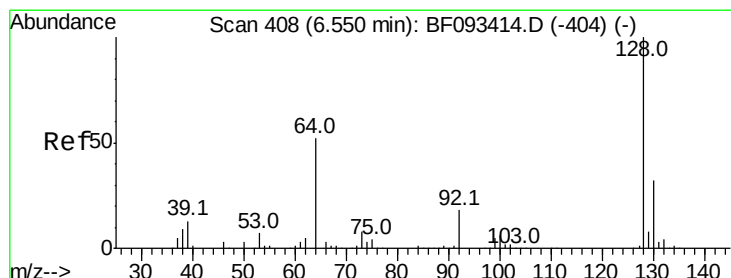
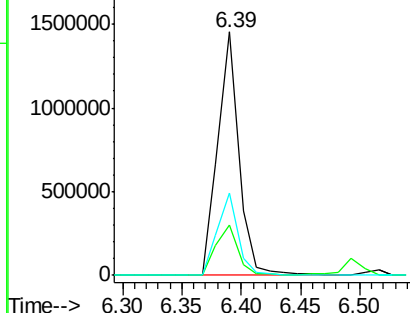
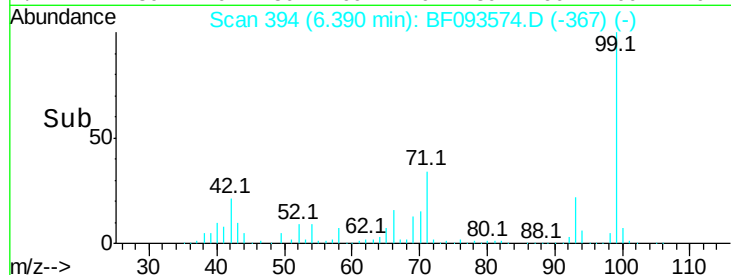
71 33.9 27.5 41.3



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: 45.01 ng

RT: 6.52 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

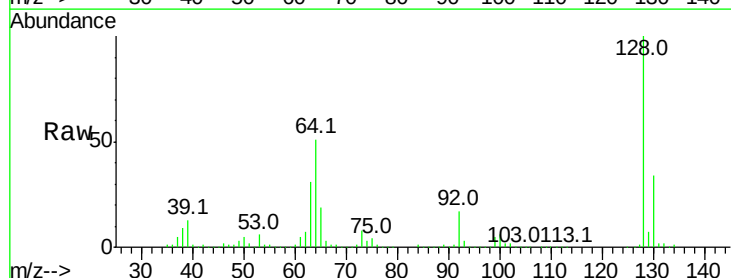
Tgt Ion:128 Resp: 577977

Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

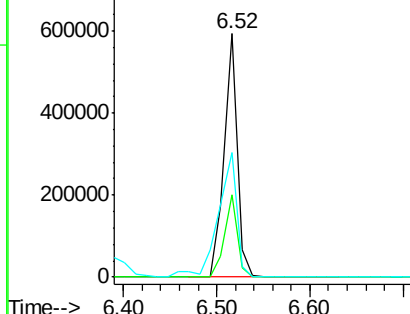
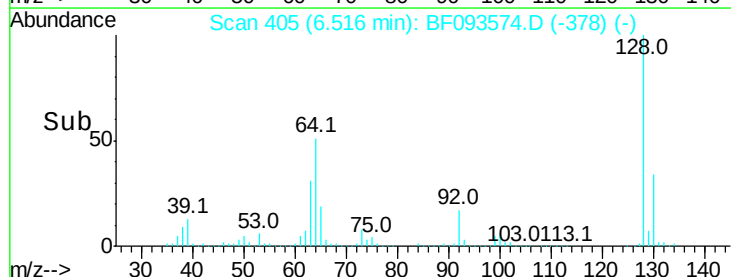
64 51.2 32.2 72.2

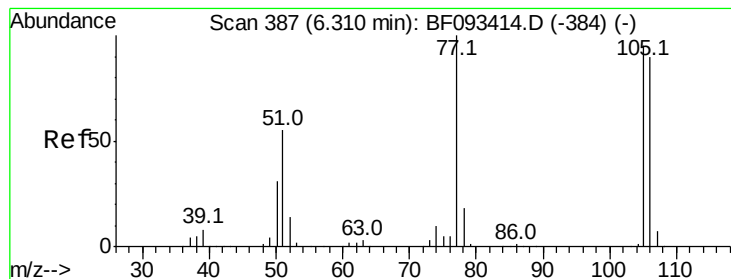


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.44 ng

RT: 6.29 min Scan# 385

Delta R.T. 0.01 min

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Acq: 11 Mar 2017 18:26

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BNA_F

ClientSampled :

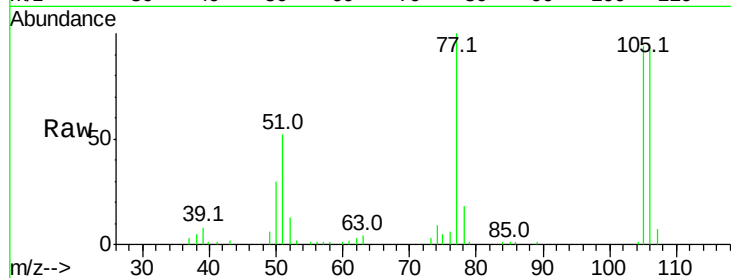
Tot Ion: 77 Resp: 101985

Ion Ratio Lower Upper

77 100

105 94.1 83.9 123.9

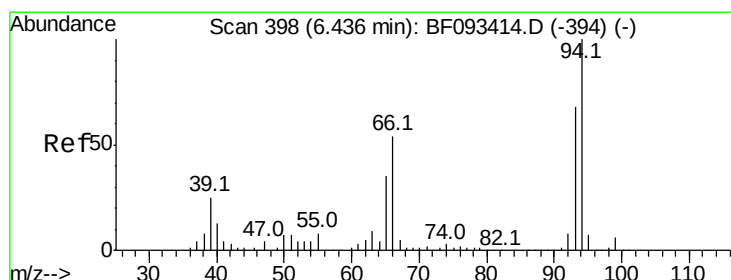
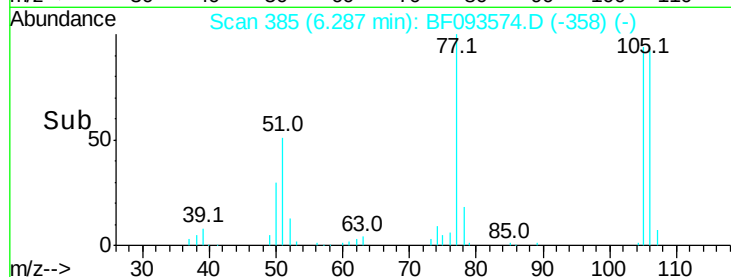
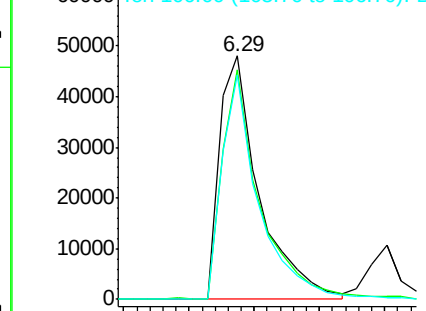
106 92.2 77.6 117.6



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: 53.85 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.00 min

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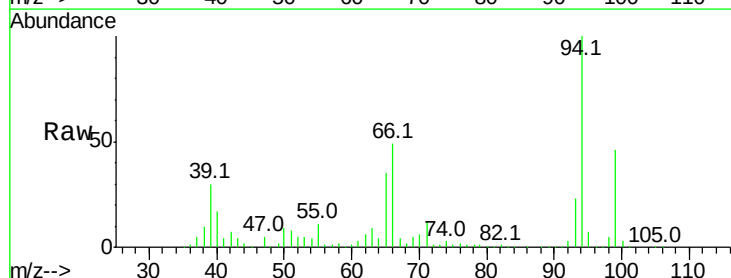
Tgt Ion: 94 Resp: 953585

Ion Ratio Lower Upper

94 100

65 34.6 21.4 61.4

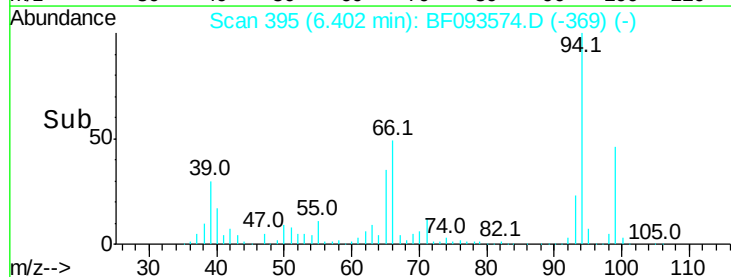
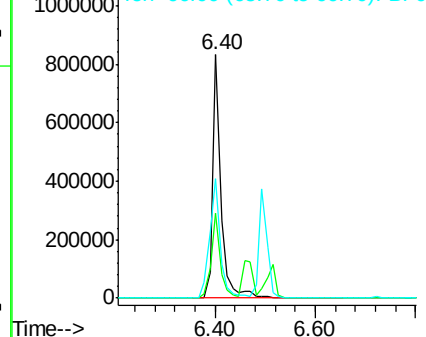
66 48.8 44.0 84.0

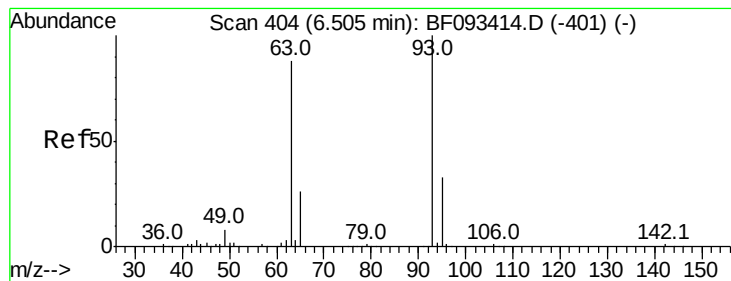


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.08 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

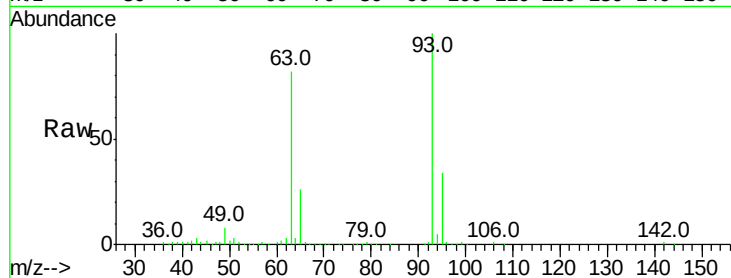
Tot Ion: 93 Resp: 630916

Ion Ratio Lower Upper

93 100

63 81.7 60.4 100.4

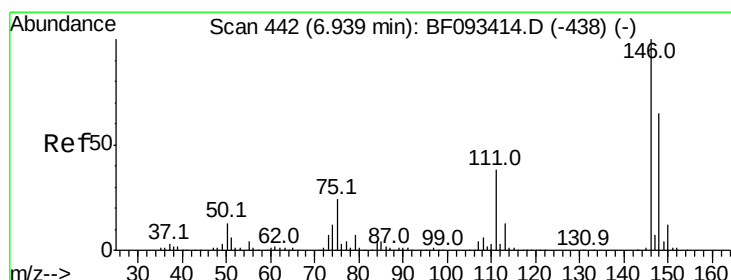
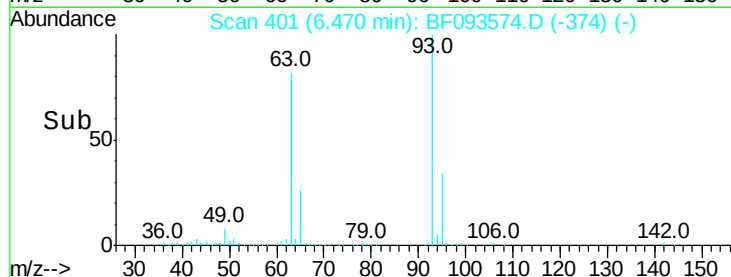
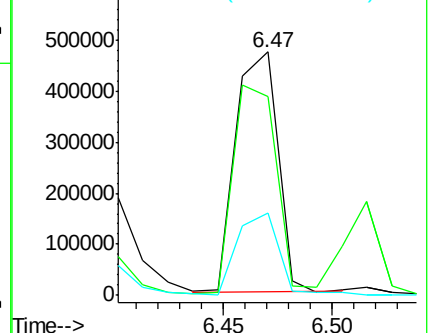
95 33.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.91 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

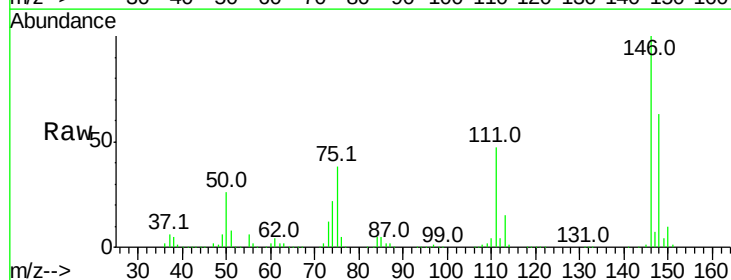
Tgt Ion: 146 Resp: 615870

Ion Ratio Lower Upper

146 100

148 63.1 53.4 80.0

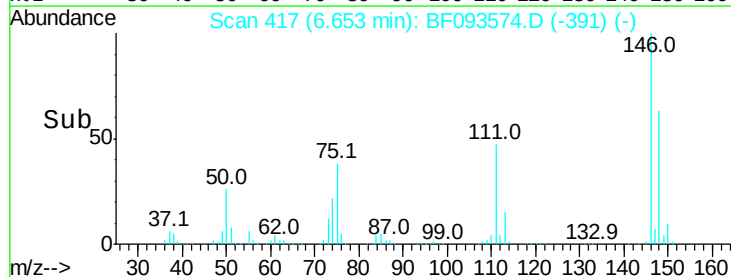
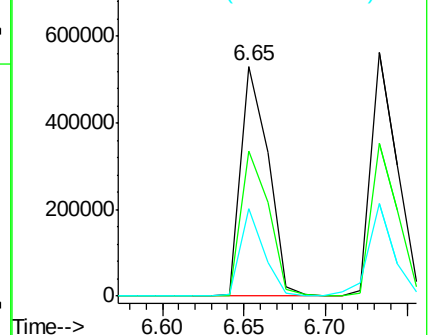
75 37.8 18.5 27.7#

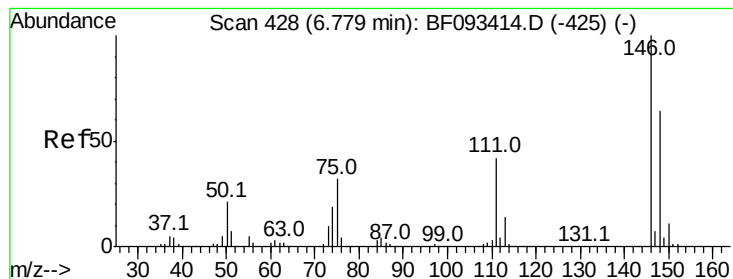


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.36 ng

RT: 6.73 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampled :

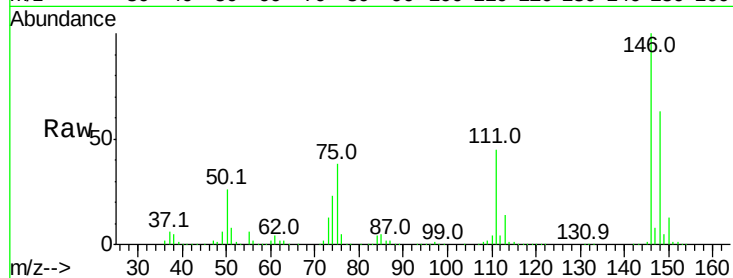
Tot Ion:146 Resp: 637439

Ion Ratio Lower Upper

146 100

148 62.8 50.6 76.0

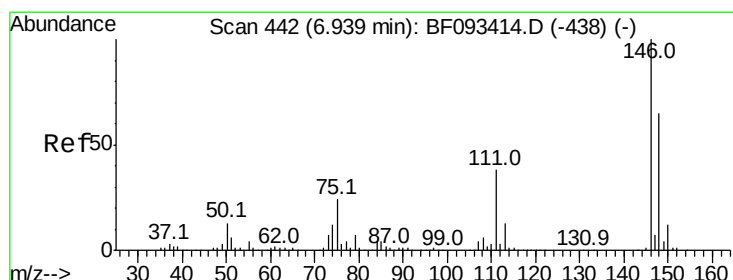
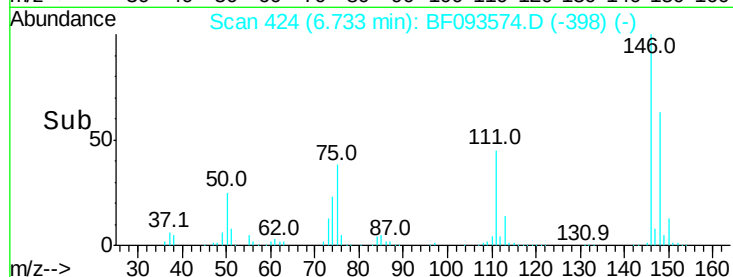
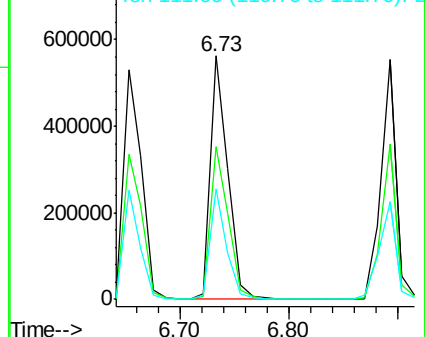
111 45.4 36.2 54.4



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: 40.89 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

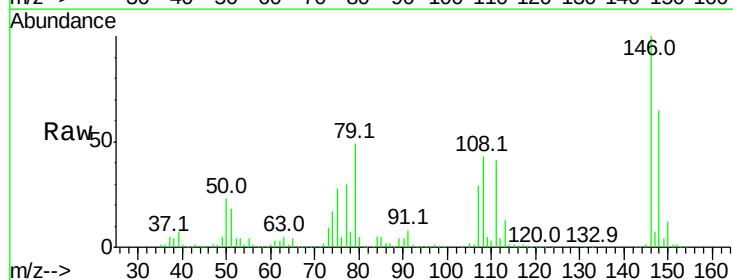
Tgt Ion:146 Resp: 544865

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

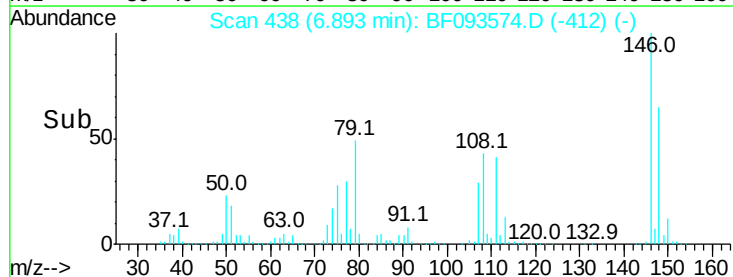
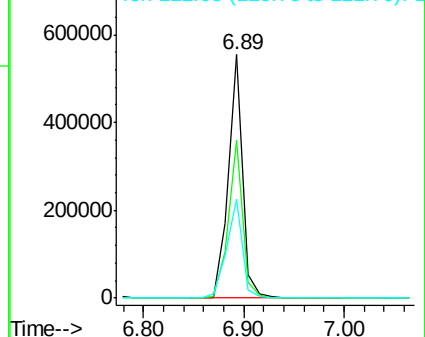
111 40.8 36.2 54.2

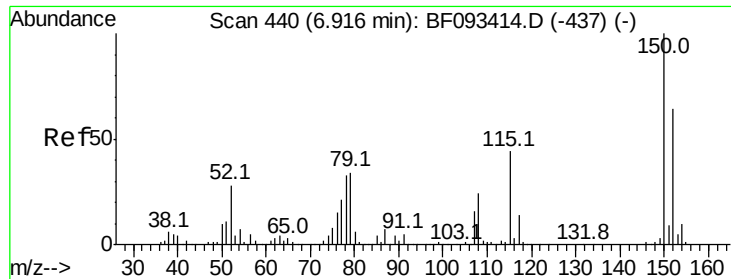


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.21 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampled :

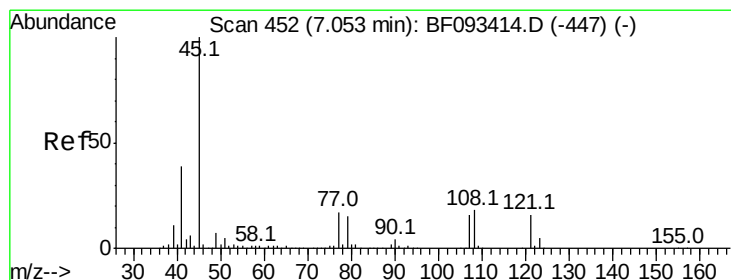
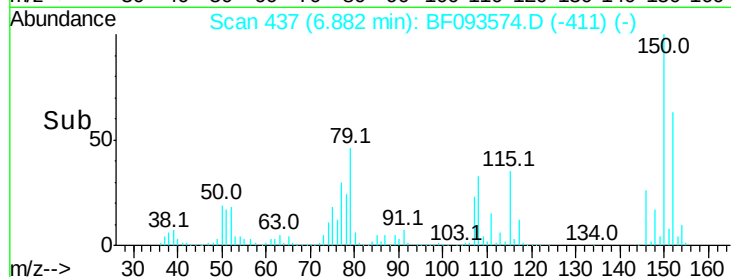
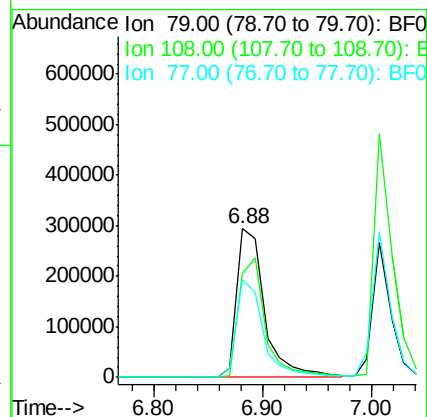
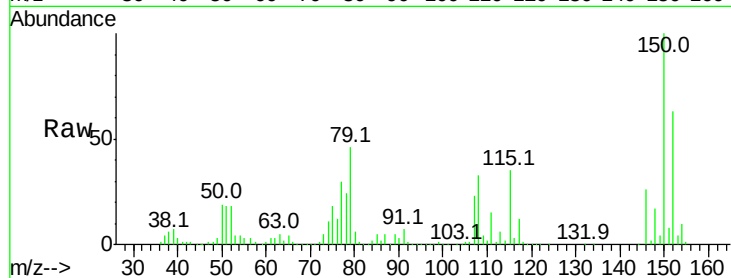
Tot Ion: 79 Resp: 517250

Ion Ratio Lower Upper

79 100

108 70.6 61.4 92.0

77 65.5 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.17 ng

RT: 7.01 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

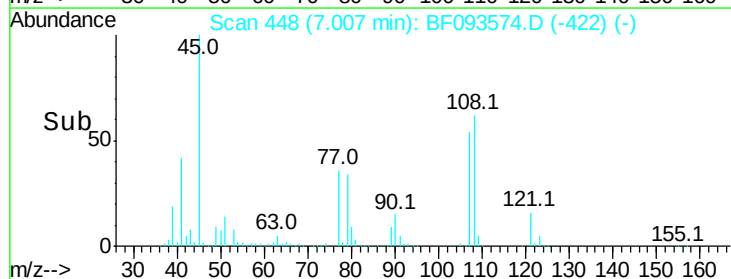
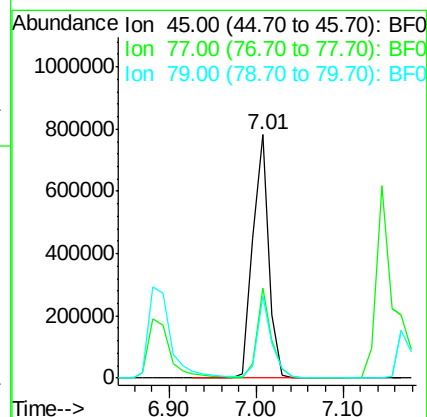
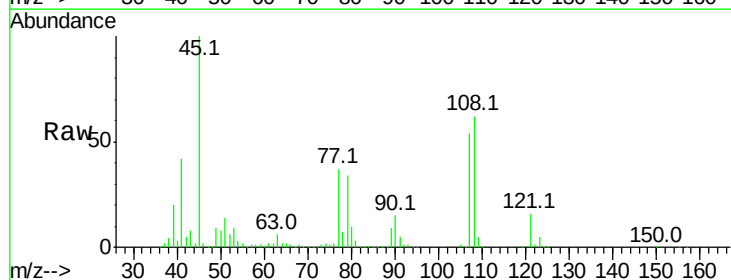
Tgt Ion: 45 Resp: 1002526

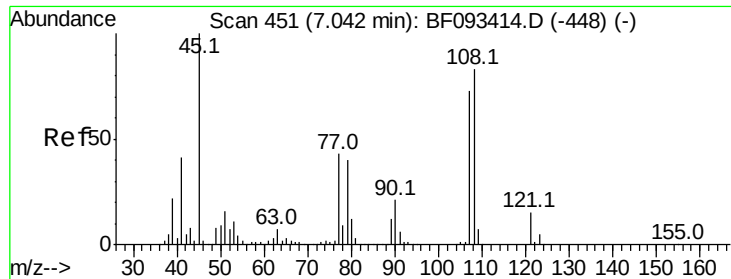
Ion Ratio Lower Upper

45 100

77 36.9 0.0 34.6#

79 34.0 0.0 31.2#

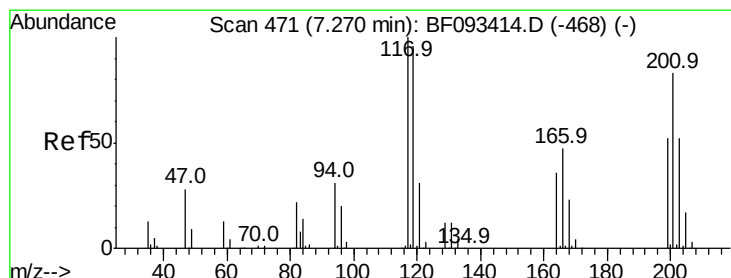
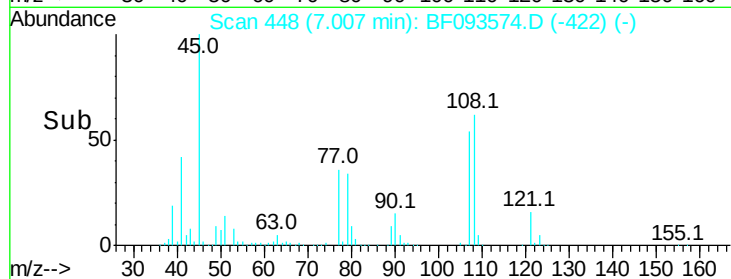
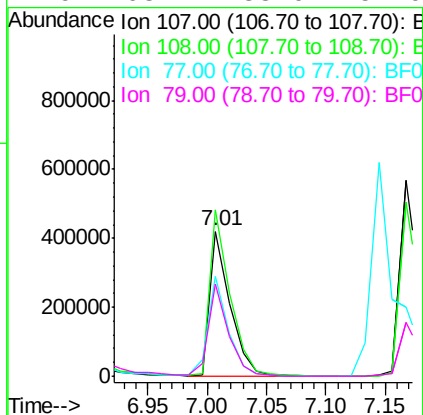
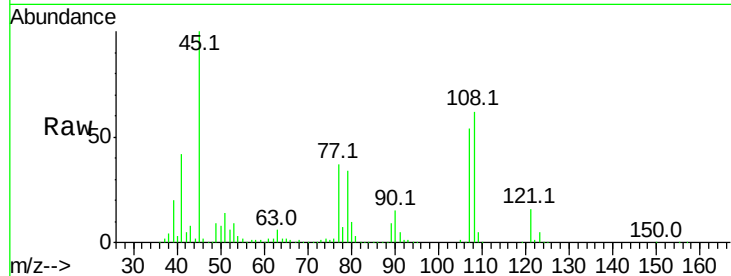




#17
2-Methylphenol
Concen: 45.72 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

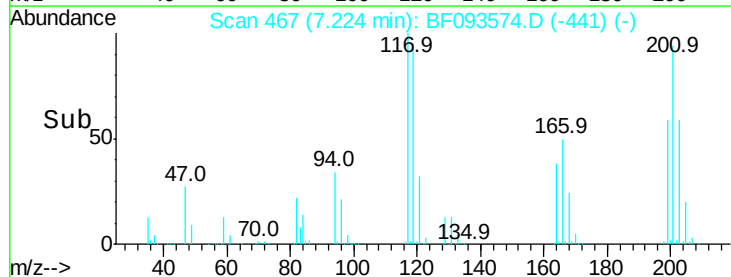
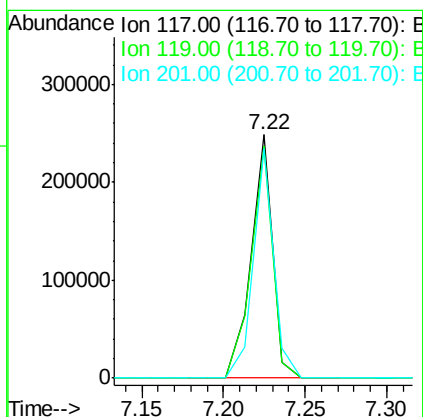
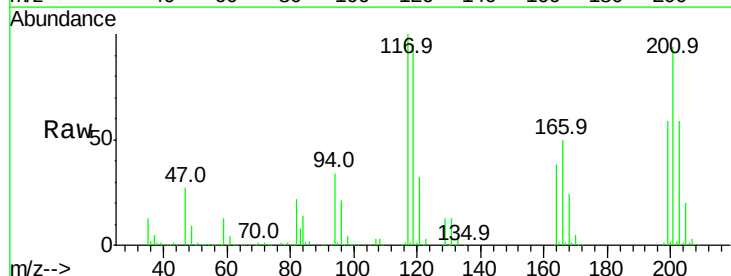
Instrument :
BNA_F
ClientSampleId :

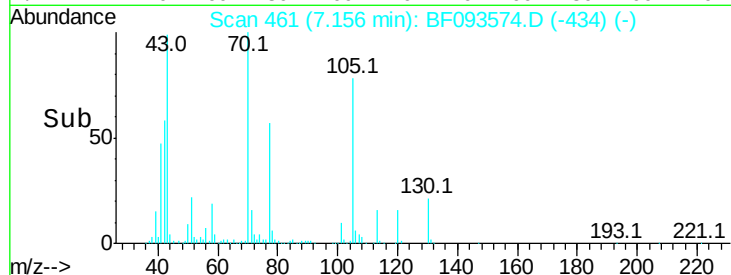
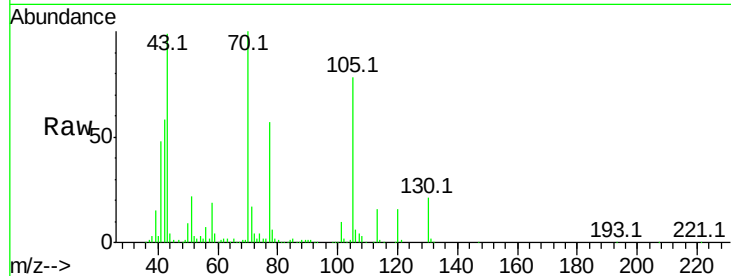
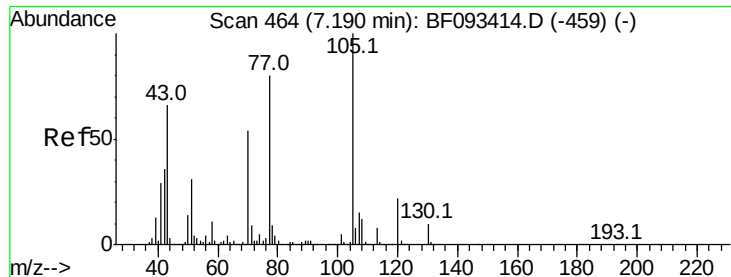
Tot Ion:107 Resp: 496589
Ion Ratio Lower Upper
107 100
108 114.6 93.0 139.6
77 68.5 39.8 59.8#
79 63.2 38.0 57.0#



#18
Hexachloroethane
Concen: 44.57 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:117 Resp: 226174
Ion Ratio Lower Upper
117 100
119 95.4 78.1 117.1
201 94.2 78.6 117.8

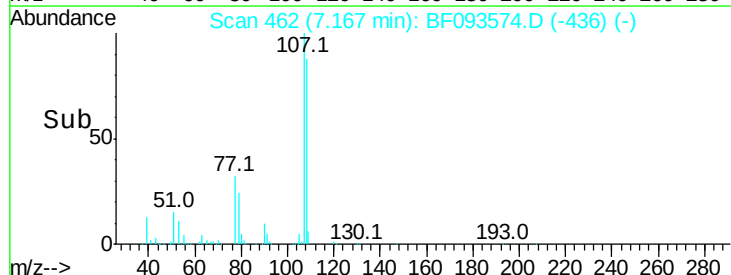
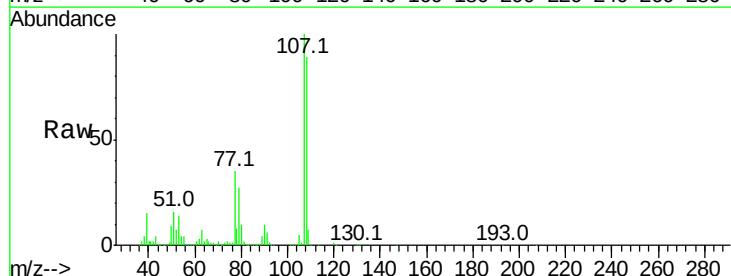
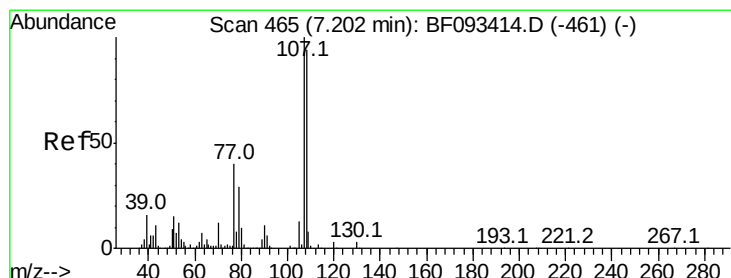
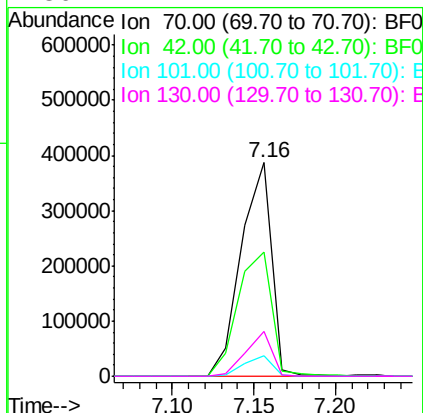




#19
n-Nitroso-di-n-propylamine
Concen: 50.25 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

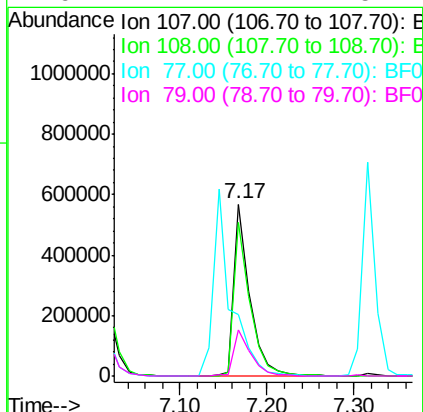
Instrument :
BNA_F
ClientSampled :

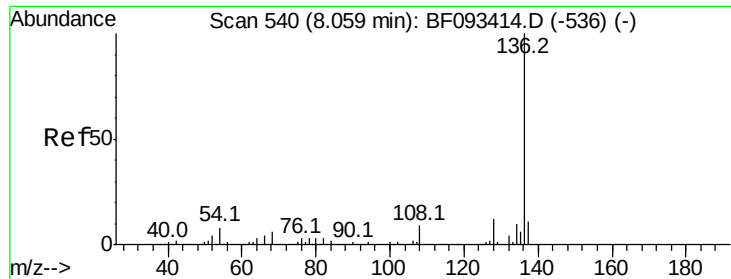
Tot Ion: 70 Resp: 499253
Ion Ratio Lower Upper
70 100
42 58.2 49.4 74.0
101 9.7 7.4 11.2
130 21.1 14.2 21.4



#20
3+4-Methylphenols
Concen: 50.38 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:107 Resp: 709651
Ion Ratio Lower Upper
107 100
108 88.9 73.0 113.0
77 35.3 71.3 111.3#
79 27.1 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 792016

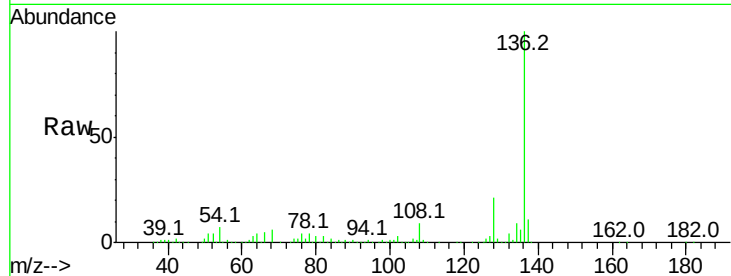
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 7.2 4.5 6.7#

68 5.6 3.6 5.4#

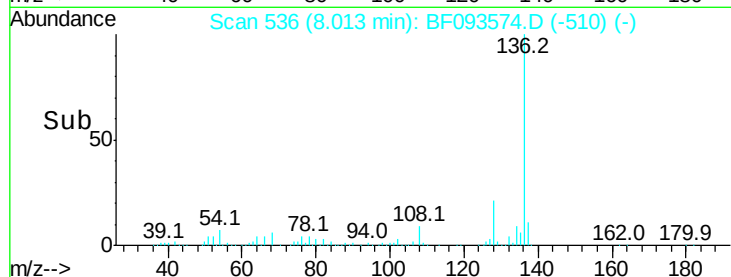


Abundance Ion 136.00 (135.70 to 136.70): E

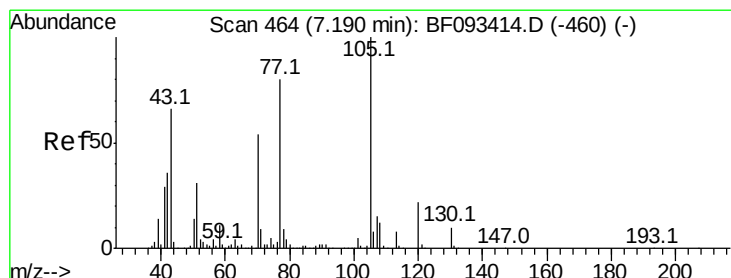
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.90 8.01 8.10



#22

Acetophenone

Concen: 43.80 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Tgt Ion:105 Resp: 834715

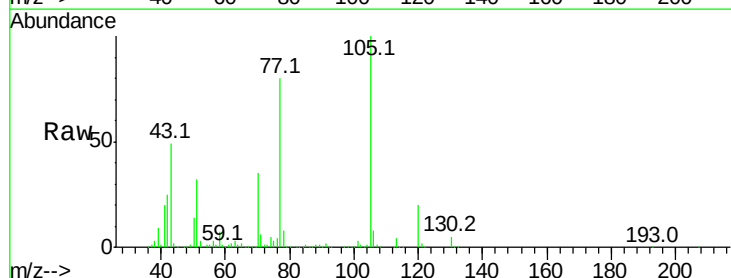
Ion Ratio Lower Upper

105 100

71 5.9 3.2 4.8#

51 32.2 26.2 39.4

120 20.5 16.6 24.8

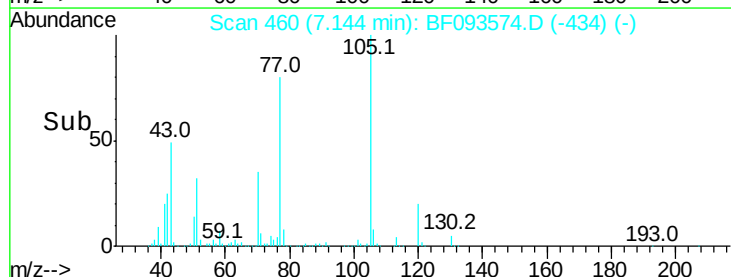


Abundance Ion 105.00 (104.70 to 105.70): E

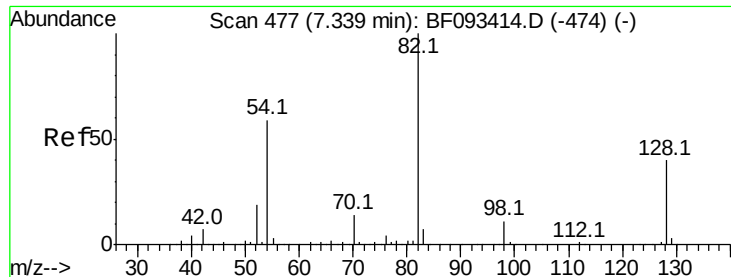
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time--> 7.00 7.10 7.20 7.30 7.40

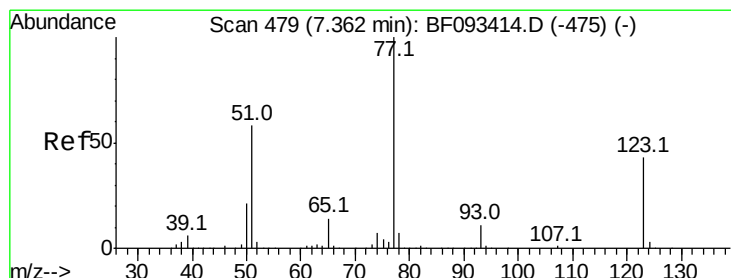
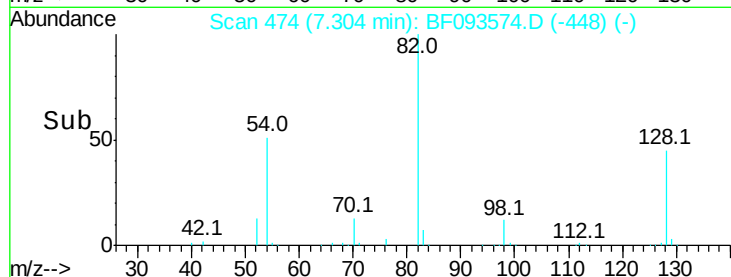
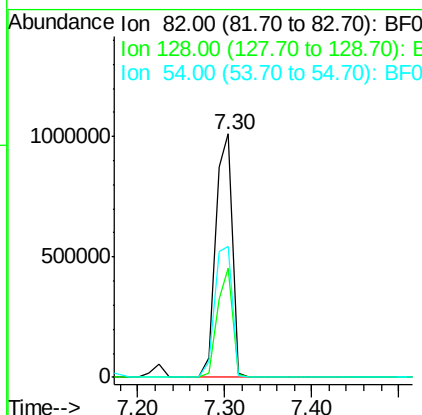
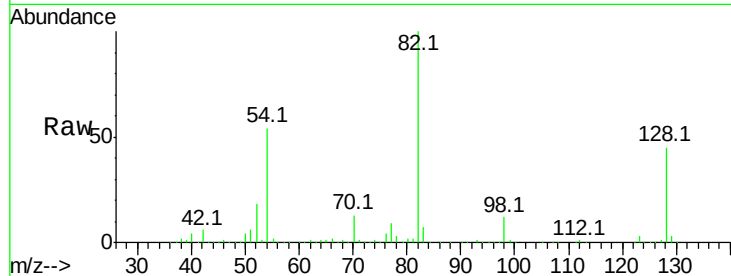


#23
 Nitrobenzene-d5
 Concen: 95.85 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1368198

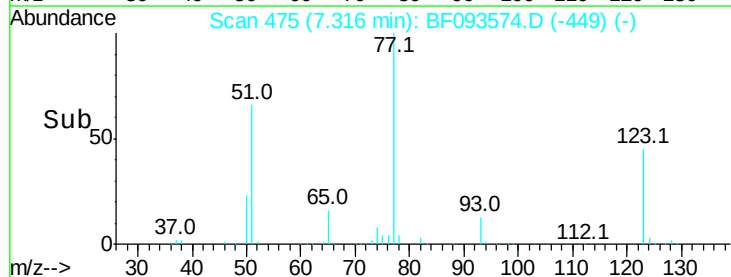
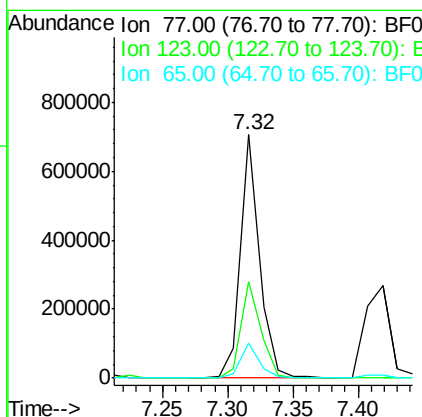
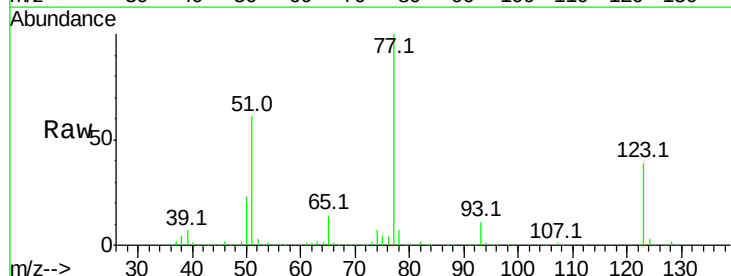
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	52.0
54	53.9	39.5	59.3

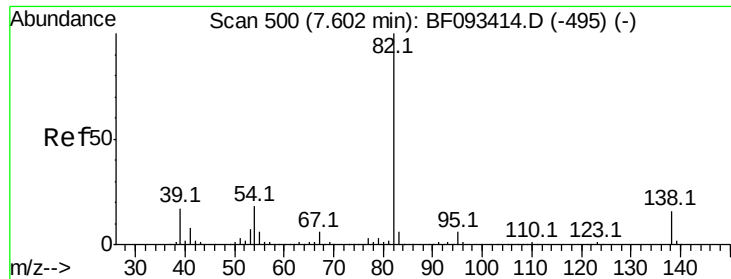


#24
 Nitrobenzene
 Concen: 43.99 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion: 77 Resp: 705706

Ion	Ratio	Lower	Upper
77	100		
123	39.5	33.0	49.4
65	14.4	11.2	16.8





#25

Isophorone

Concen: 44.38 ng

RT: 7.56 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampled :

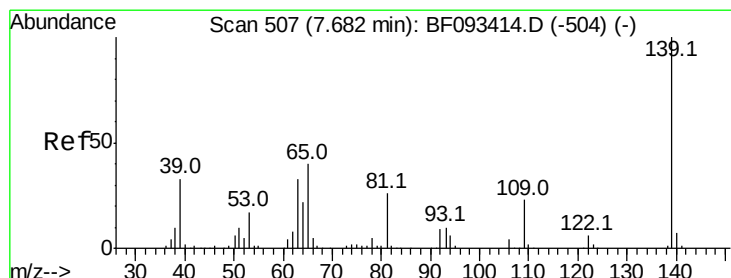
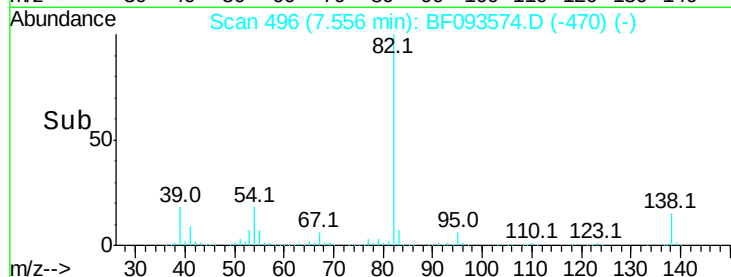
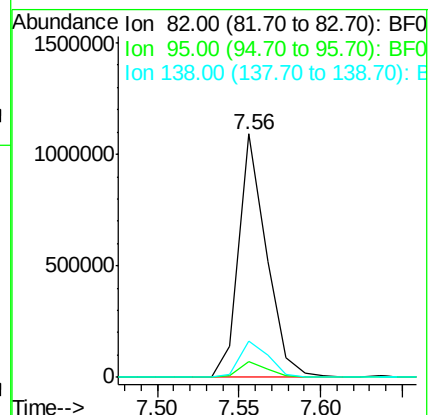
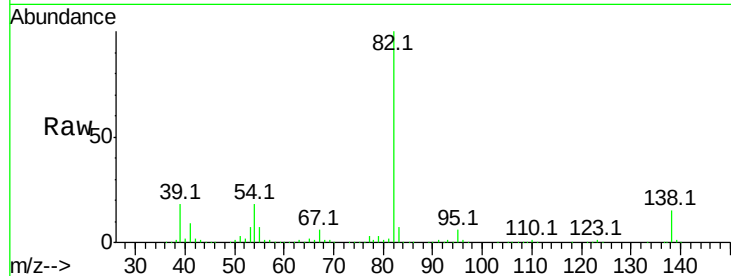
Tot Ion: 82 Resp: 1277353

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 14.7 14.6 22.0



#26

2-Nitrophenol

Concen: 46.53 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

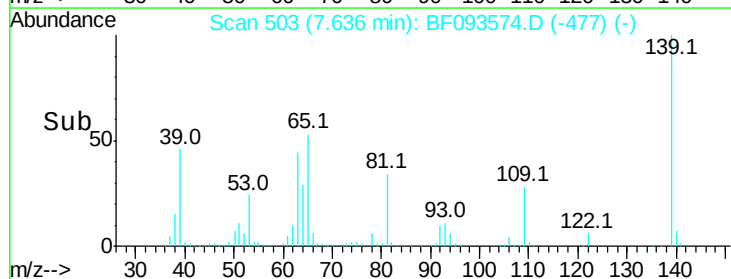
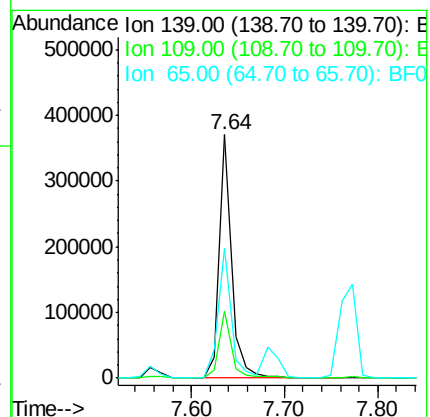
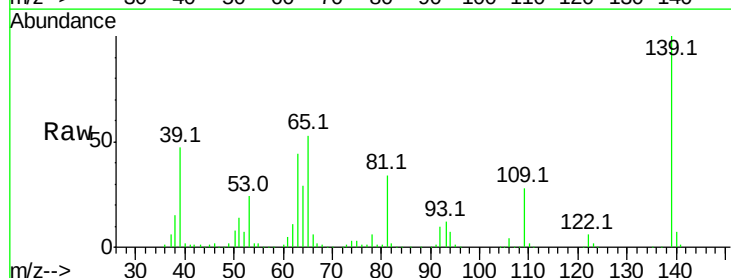
Tgt Ion:139 Resp: 340552

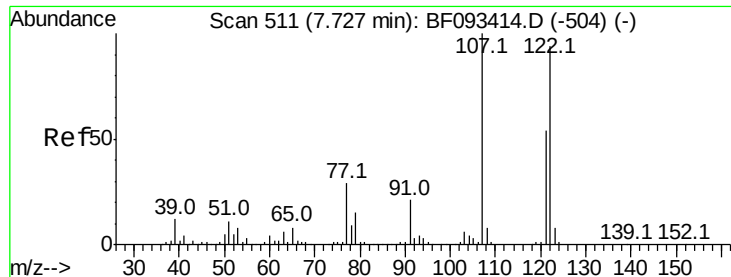
Ion Ratio Lower Upper

139 100

109 27.7 23.3 34.9

65 53.5 42.7 64.1

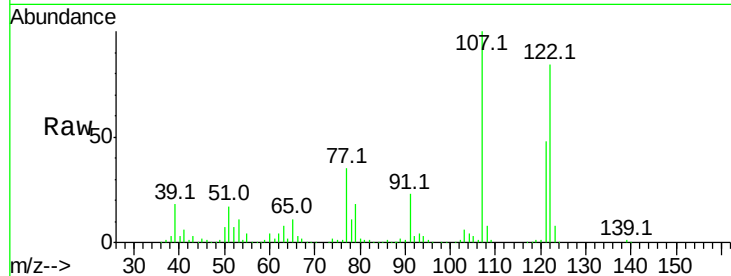




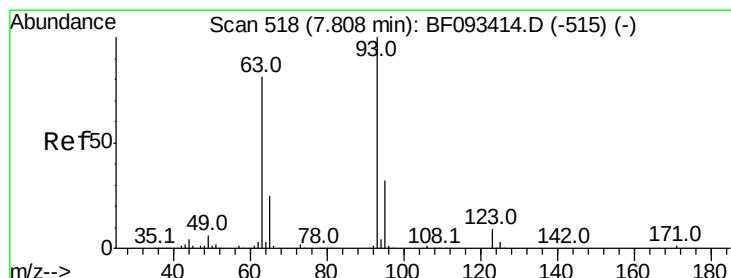
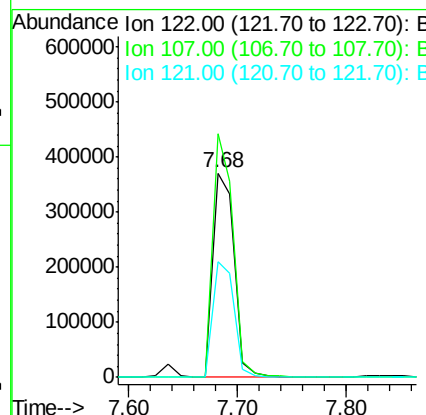
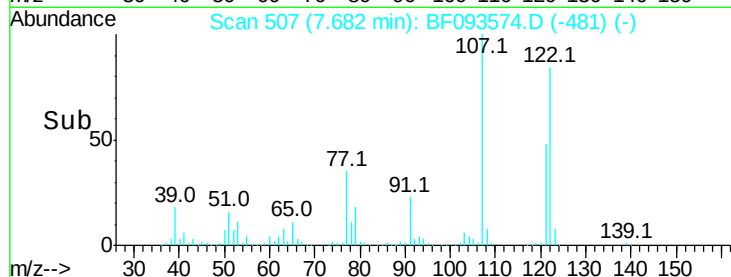
#27
 2,4-Dimethylphenol
 Concen: 42.72 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 508672
 Ion Ratio Lower Upper
 122 100
 107 119.3 94.1 141.1
 121 56.9 46.0 69.0

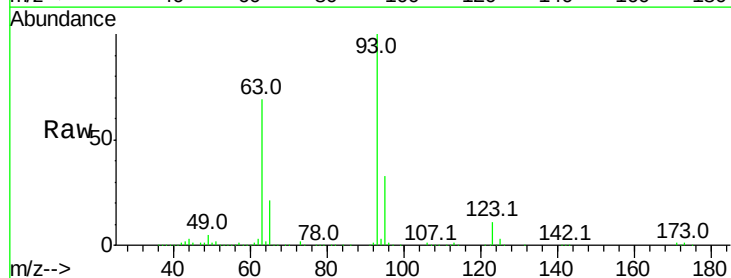


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

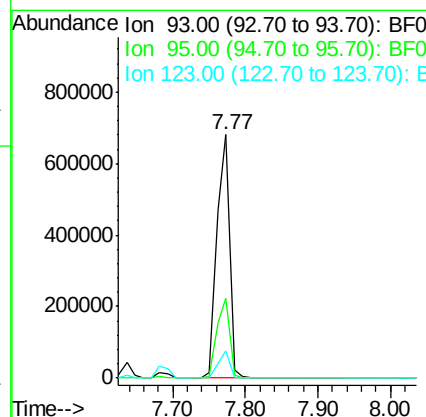
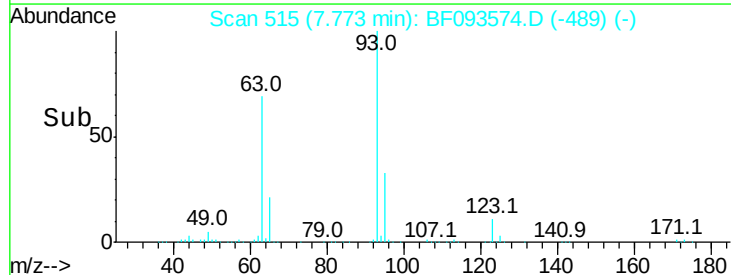


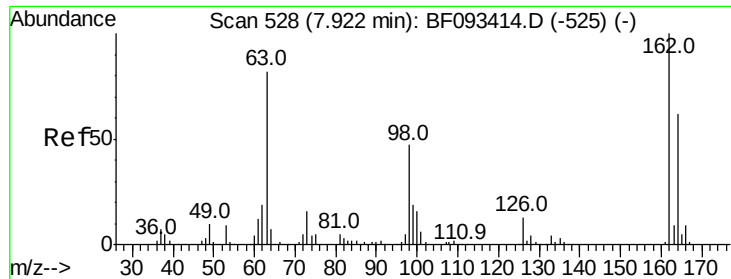
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.44 ng
 RT: 7.77 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion: 93 Resp: 825740
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 11.0 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

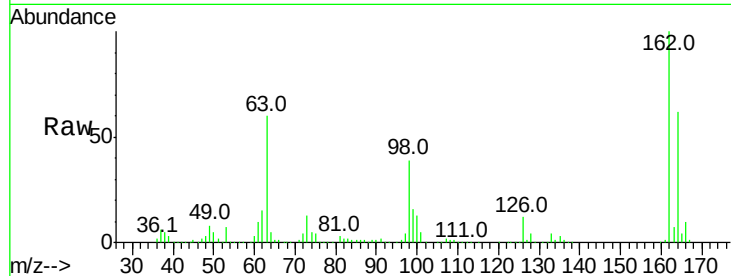




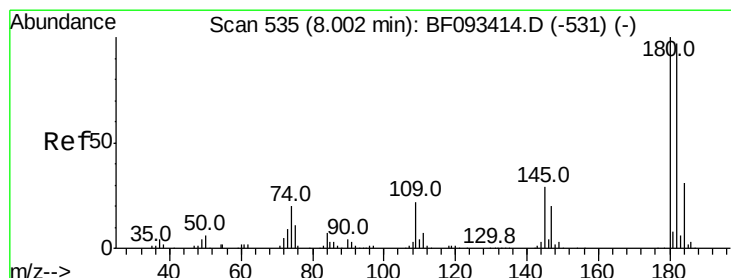
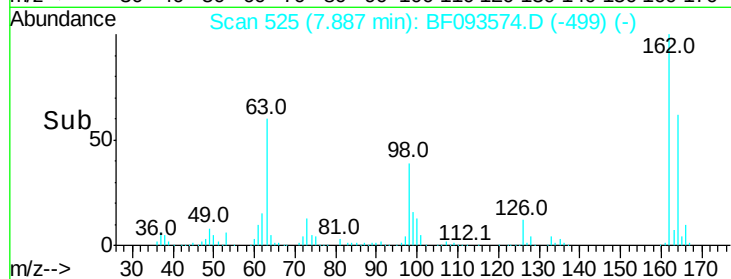
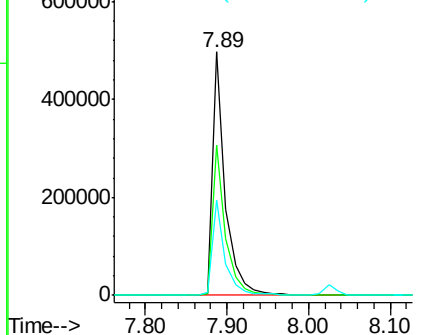
#29
 2,4-Dichlorophenol
 Concen: 48.45 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	46.8	86.8
98	39.0	9.1	49.1

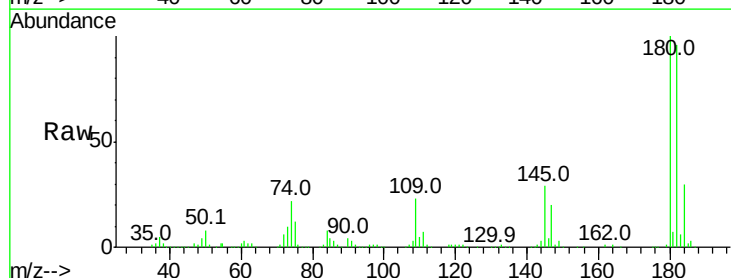


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

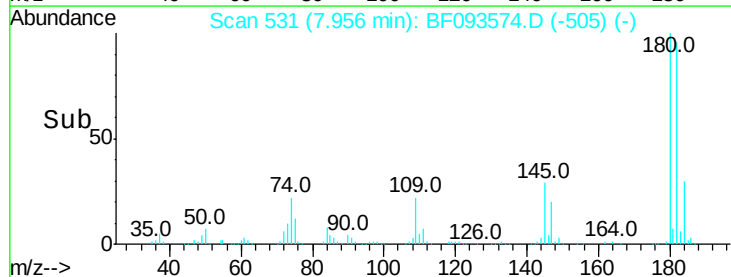
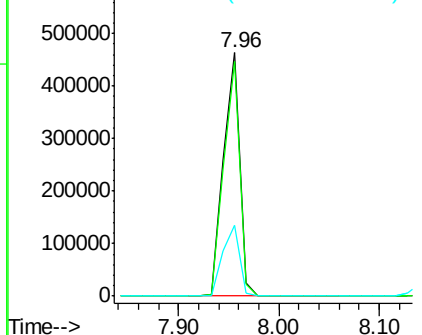


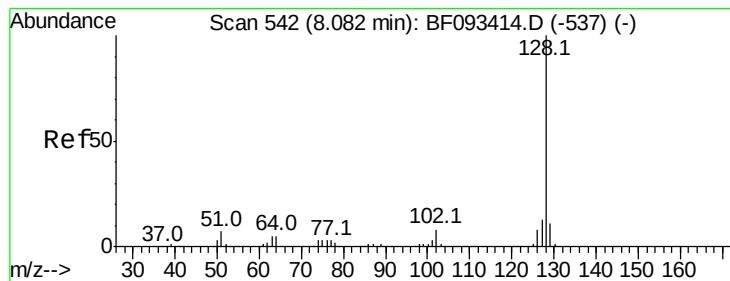
#30
 1,2,4-Trichlorobenzene
 Concen: 43.40 ng
 RT: 7.96 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.2	117.4
145	29.2	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: 40.31 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

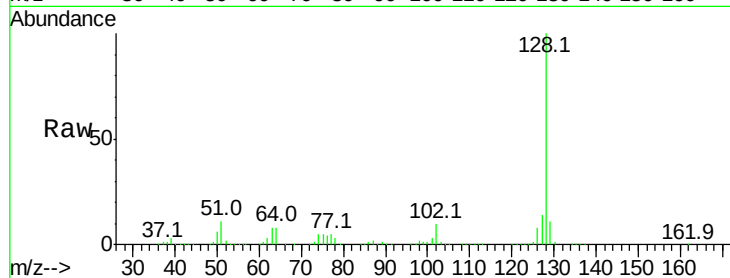
Tot Ion:128 Resp: 1599731

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

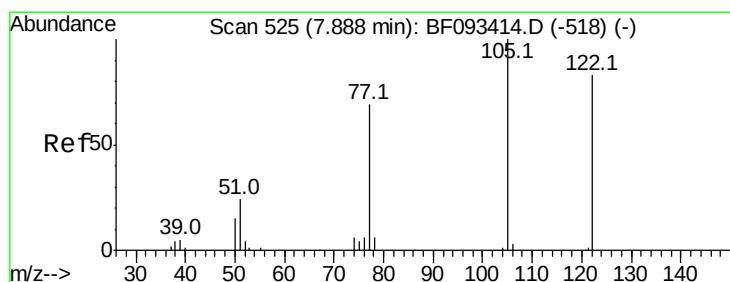
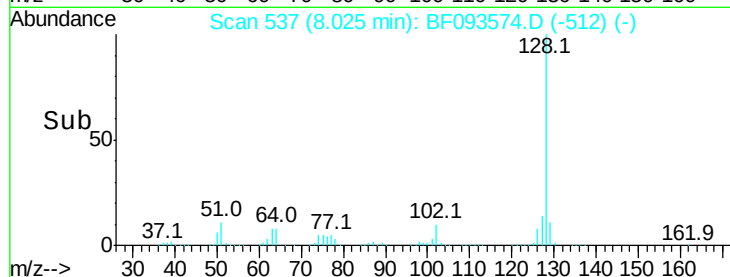
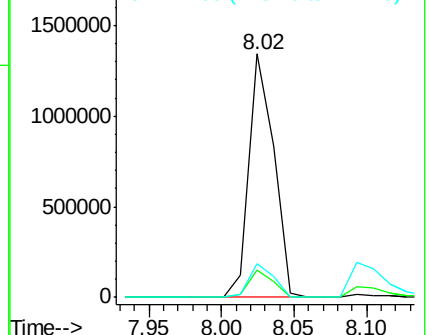
127 13.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 82.21 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.17 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

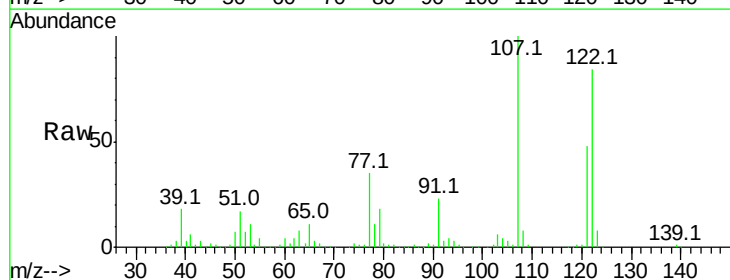
Tgt Ion:122 Resp: 508672

Ion Ratio Lower Upper

122 100

105 4.1 107.2 147.2#

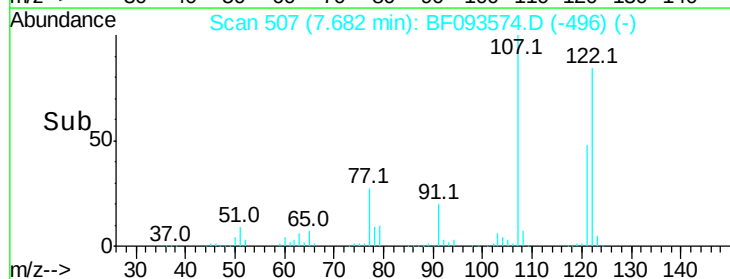
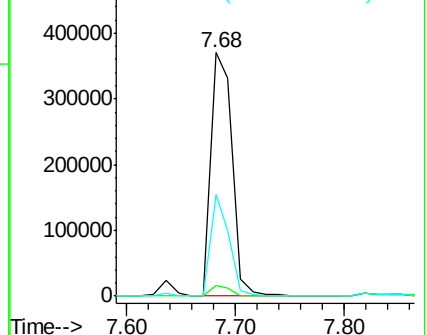
77 42.0 74.5 114.5#

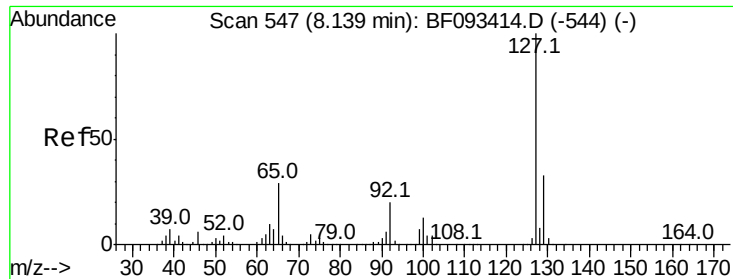


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

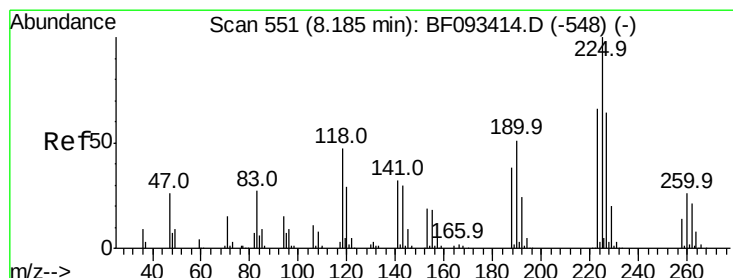
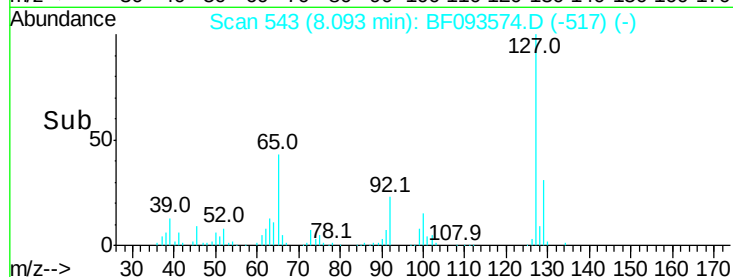
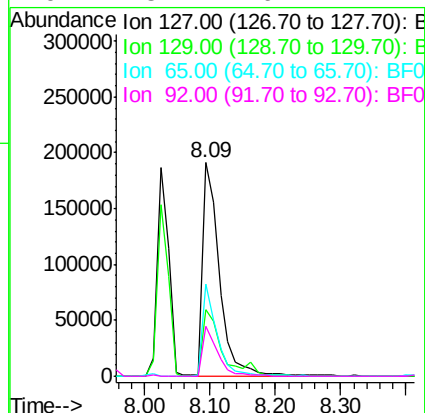
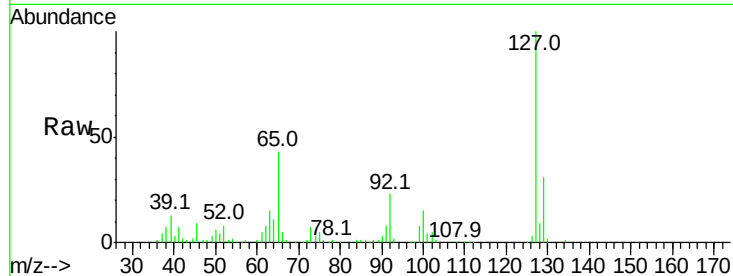




#33
4-Chloroaniline
Concen: 21.04 ng
RT: 8.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

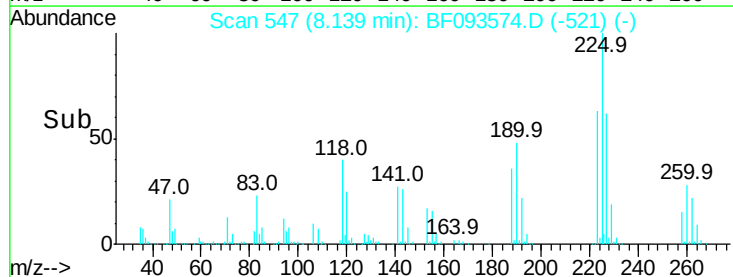
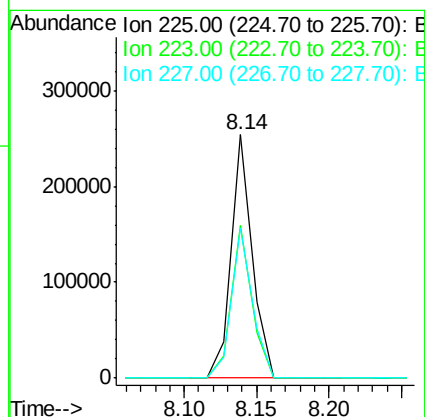
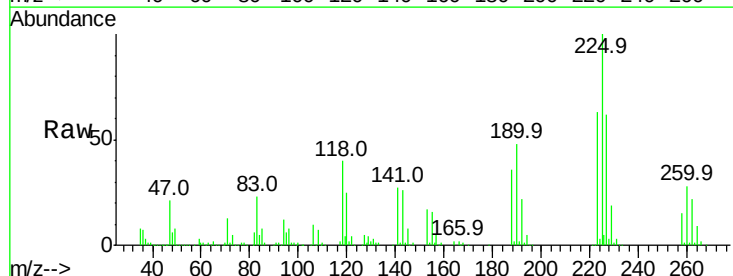
Instrument :
BNA_F
ClientSampled :

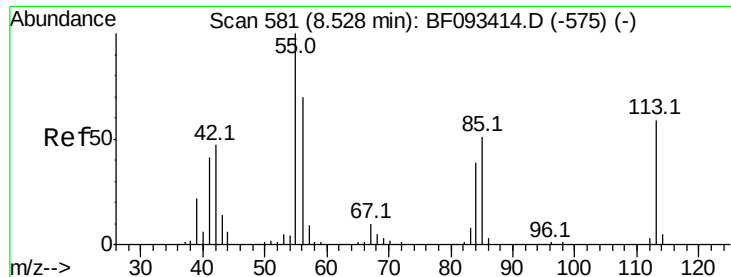
Tot Ion:	127	Resp:	338929
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	43.3	25.8	38.8#
92	23.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.63 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:	225	Resp:	255452
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	61.6	50.6	76.0

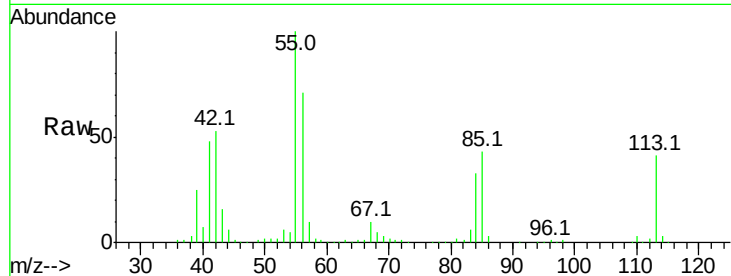




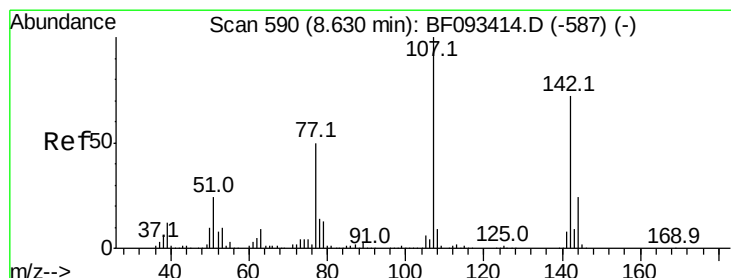
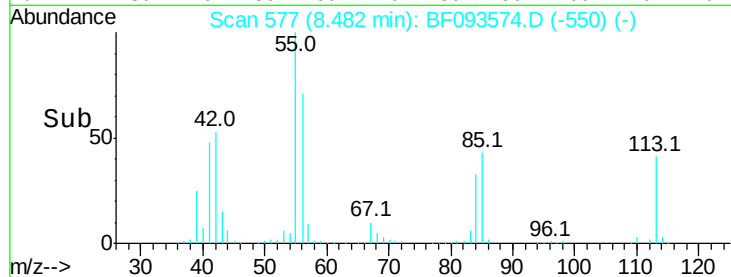
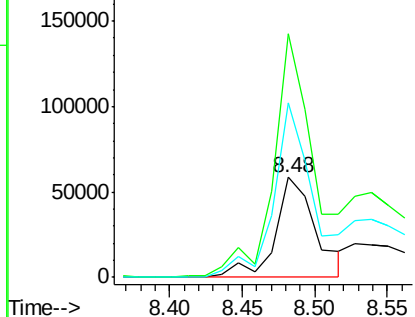
#35
Caprolactam
Concen: 29.63 ng
RT: 8.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 113367
Ion Ratio Lower Upper
113 100
55 243.6 119.2 159.2#
56 174.1 83.8 123.8#

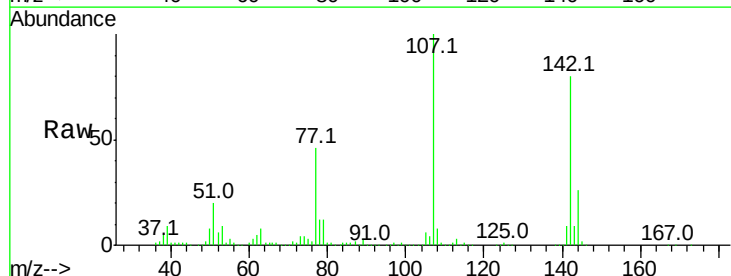


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

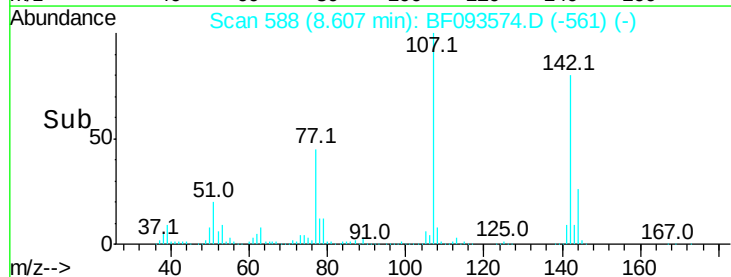
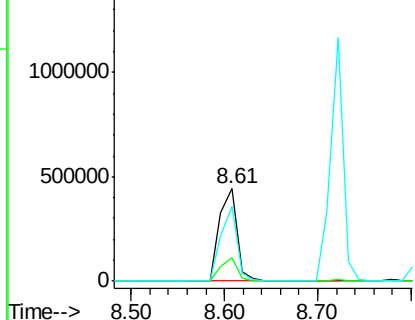


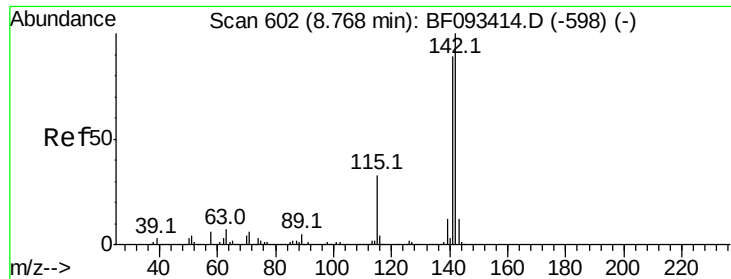
#36
4-Chloro-3-methylphenol
Concen: 48.32 ng
RT: 8.61 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:107 Resp: 577777
Ion Ratio Lower Upper
107 100
144 25.9 19.3 28.9
142 80.3 59.0 88.6



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

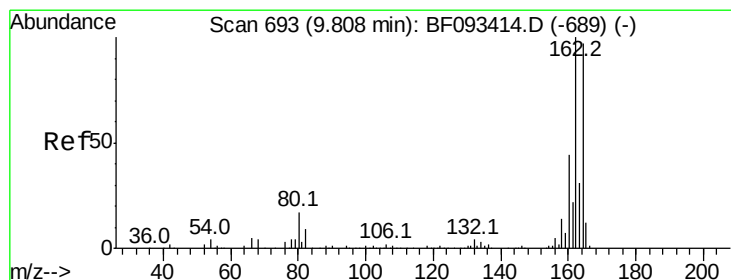
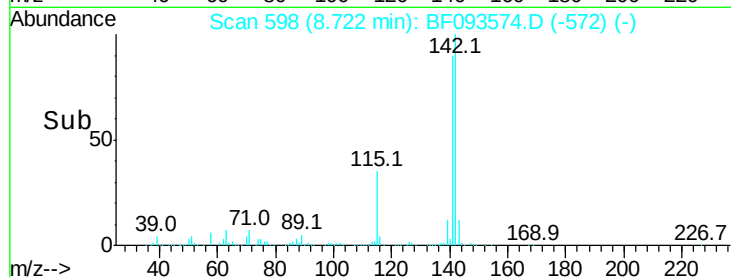
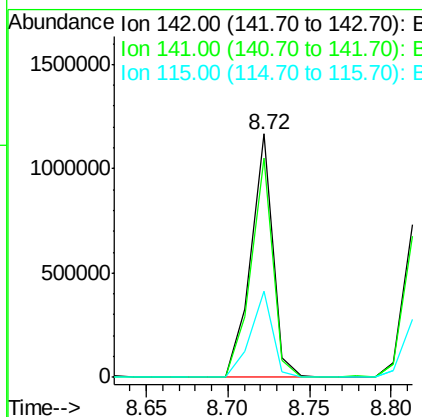
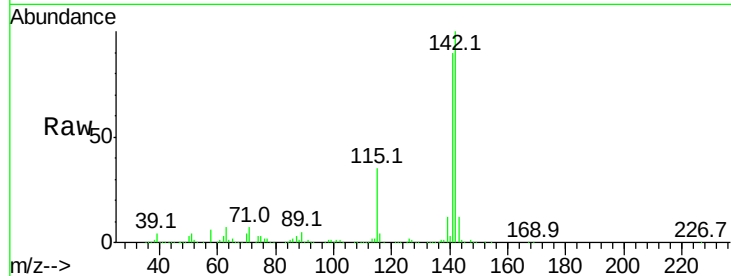




#37
2-Methylnaphthalene
Concen: 43.26 ng
RT: 8.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

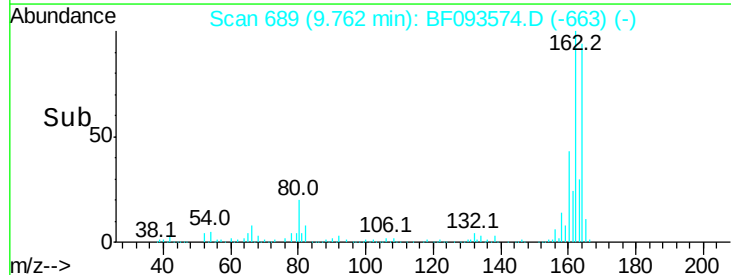
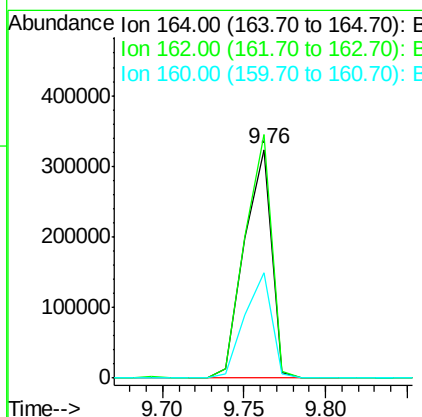
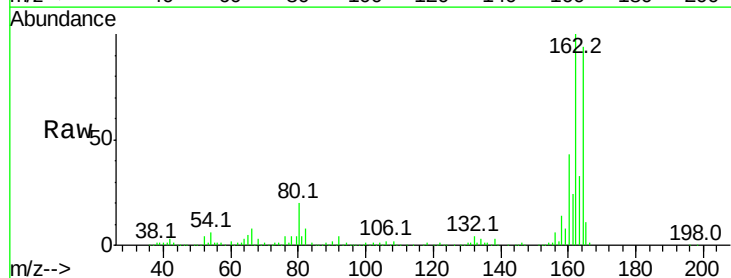
Instrument :
BNA_F
ClientSampleId :

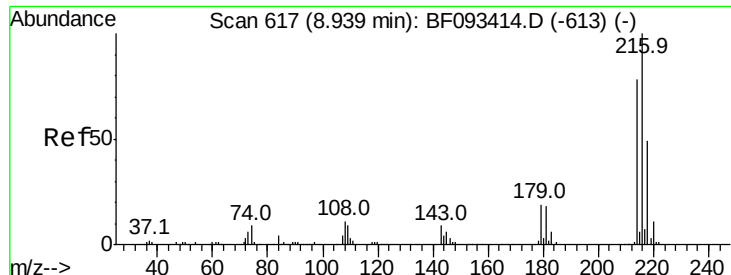
Tot Ion:142 Resp: 1092557
Ion Ratio Lower Upper
142 100
141 90.3 71.0 106.6
115 35.2 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:164 Resp: 371903
Ion Ratio Lower Upper
164 100
162 106.4 80.2 120.2
160 46.2 36.9 55.3

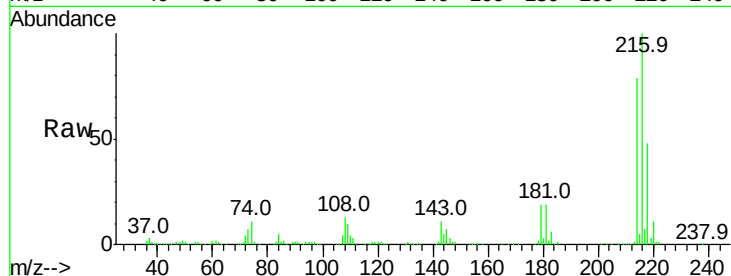




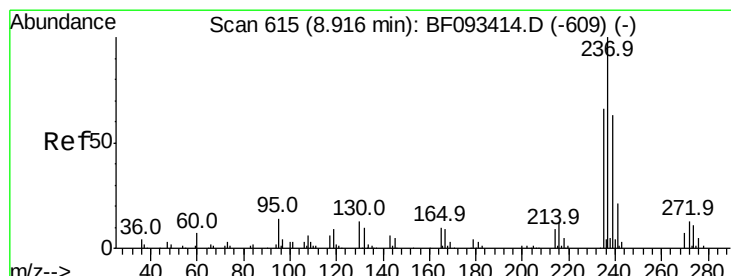
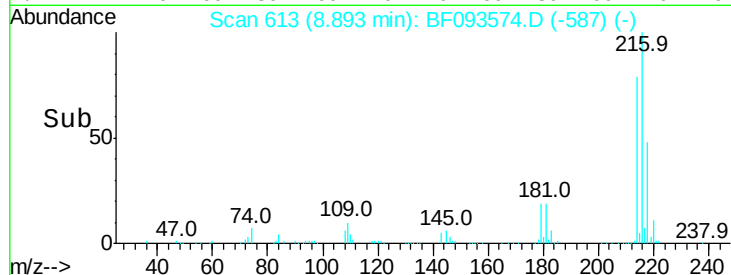
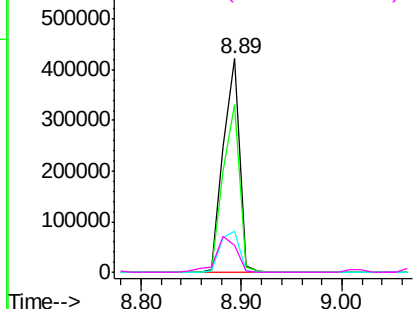
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.73 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	474563
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.0
179	22.1	17.4	26.2
108	21.1	15.6	23.4

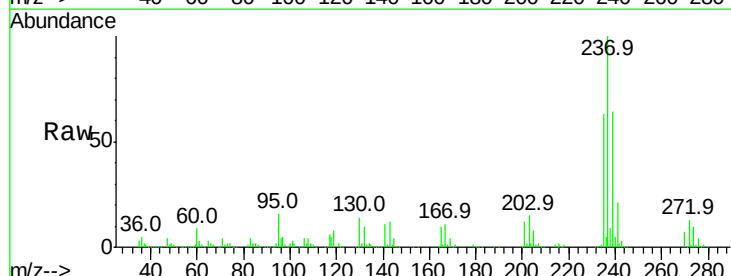


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

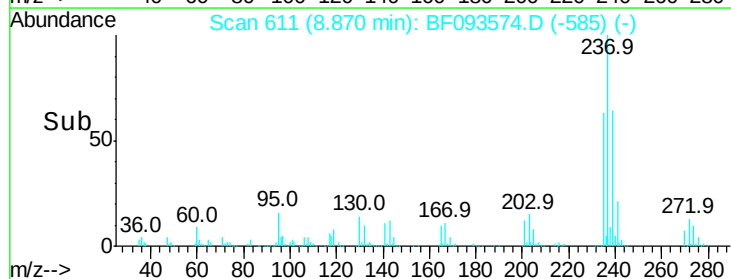
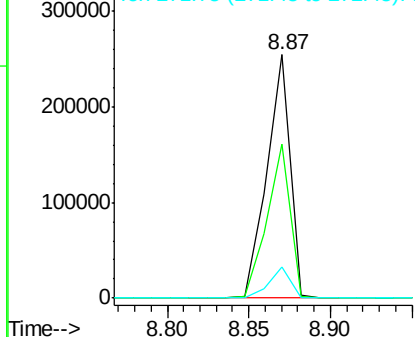


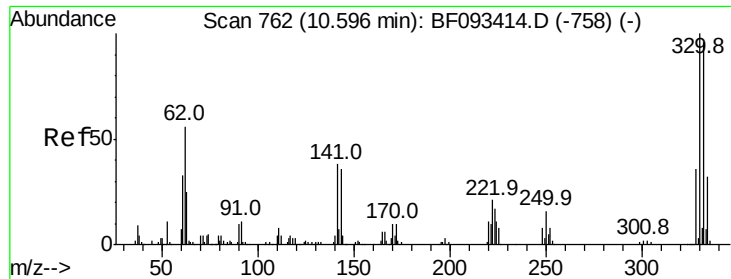
#40
 Hexachlorocyclopentadiene
 Concen: 96.25 ng
 RT: 8.87 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion:	237	Resp:	254032
Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.2	81.2
272	12.8	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

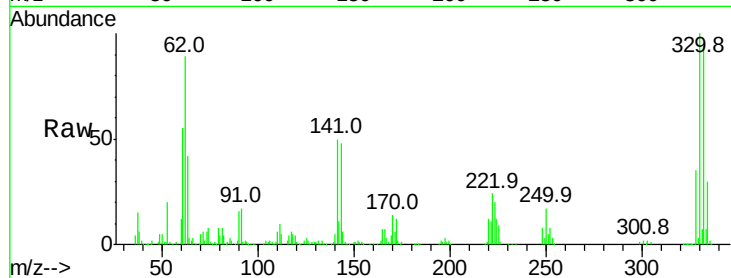




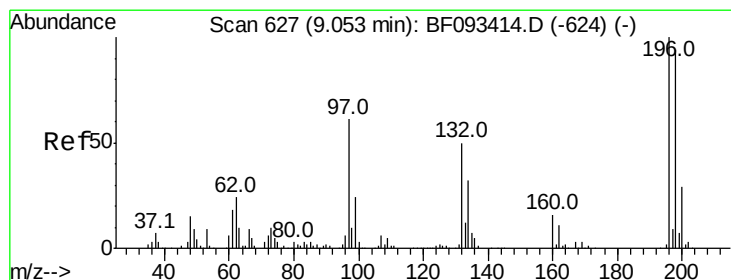
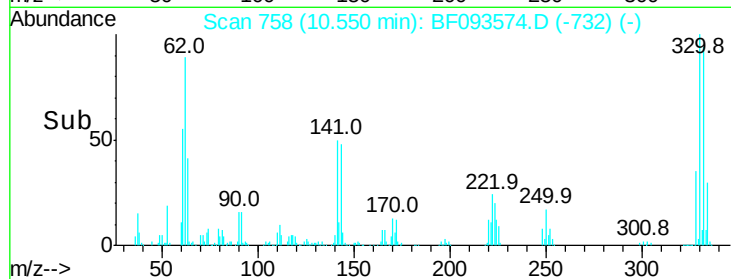
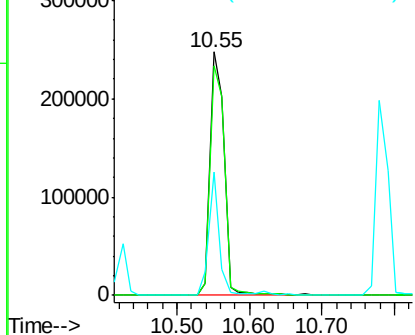
#41
 2,4,6-Tribromophenol
 Concen: 138.47 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 33526
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 37.7 34.1 51.1

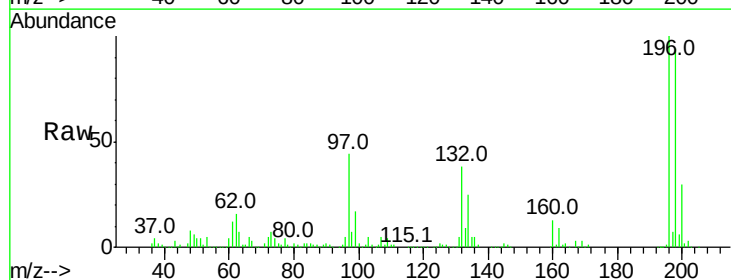


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

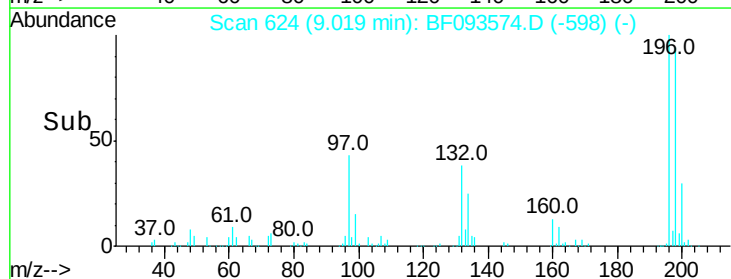
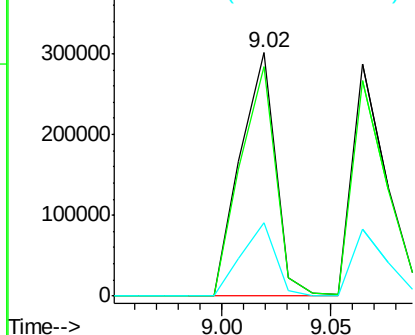


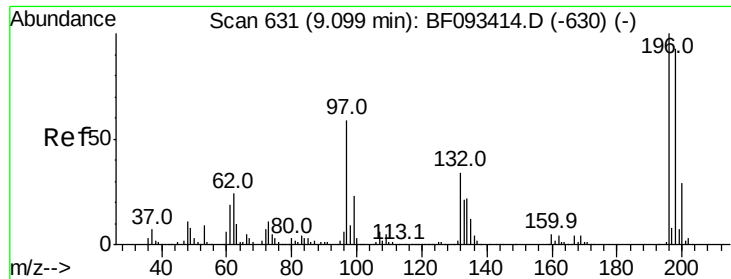
#42
 2,4,6-Trichlorophenol
 Concen: 53.76 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion:196 Resp: 341087
 Ion Ratio Lower Upper
 196 100
 198 94.5 82.1 123.1
 200 30.2 27.0 40.4



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

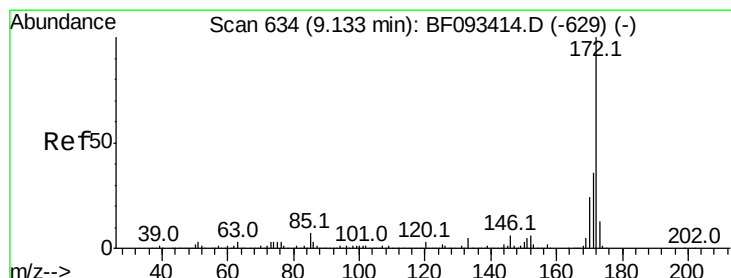
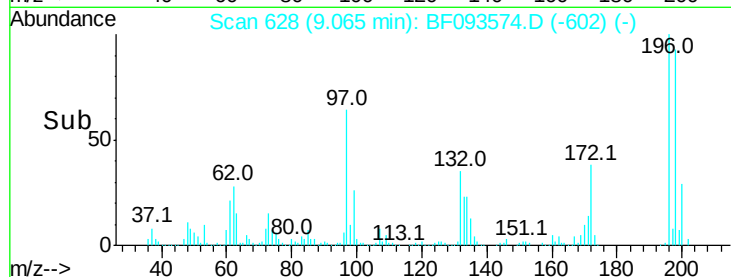
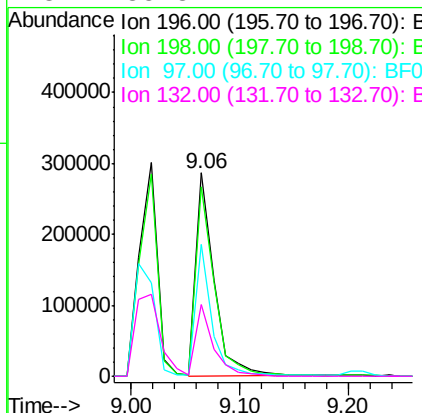
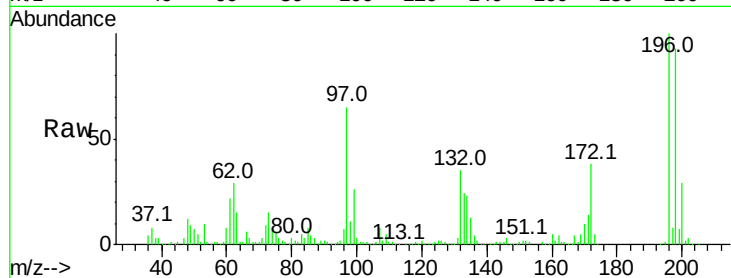




#43
 2,4,5-Trichlorophenol
 Concen: 48.66 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

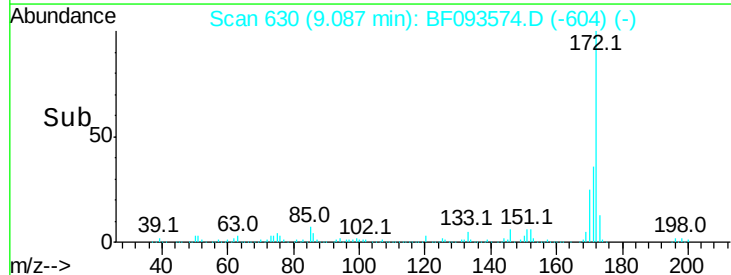
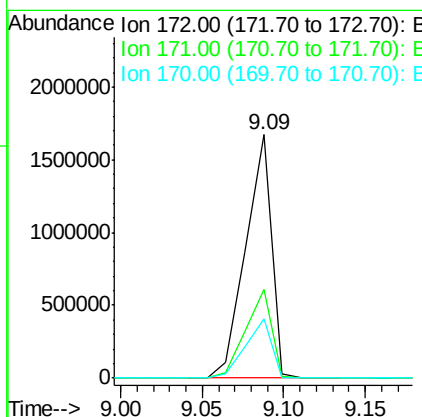
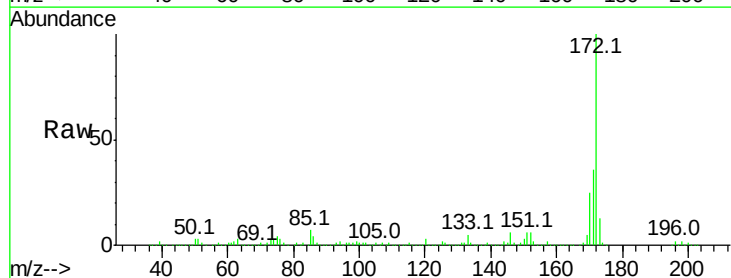
Instrument :
 BNA_F
 ClientSampled :

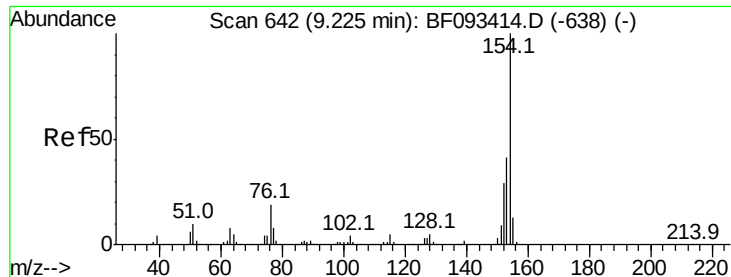
Tot Ion:196	Resp:	331289
Ion Ratio	Lower	Upper
196 100		
198 93.3	79.4	119.2
97 64.7	51.5	77.3
132 35.3	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 91.76 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion	172	Resp: Lower	1834752 Upper
	Ratio		
172	100		
171	36.5	29.4	44.0
170	24.6	20.2	30.4





#45

1,1'-Biphenyl

Concen: 46.48 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

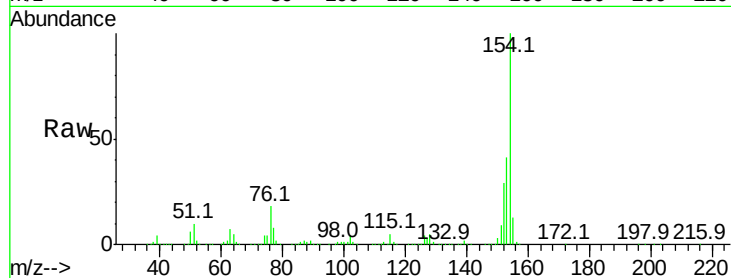
Tot Ion:154 Resp: 1259242

Ion Ratio Lower Upper

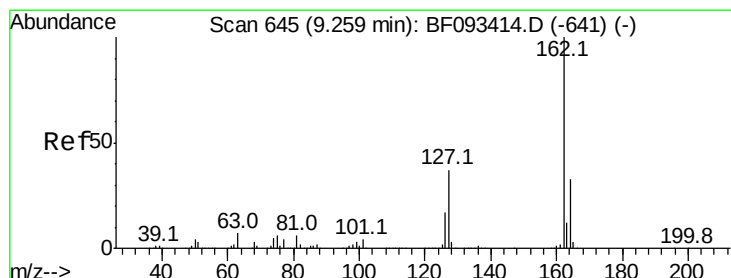
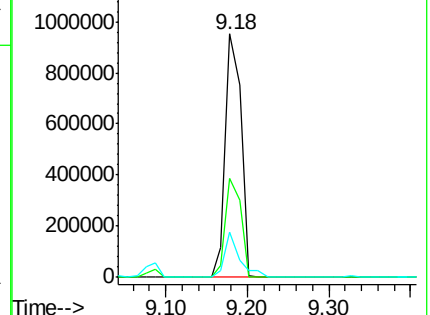
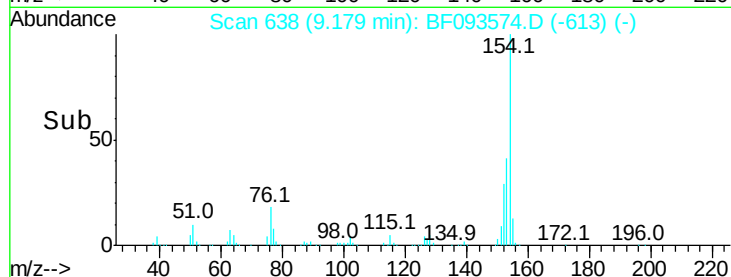
154 100

153 40.6 20.9 60.9

76 18.4 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: 50.28 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

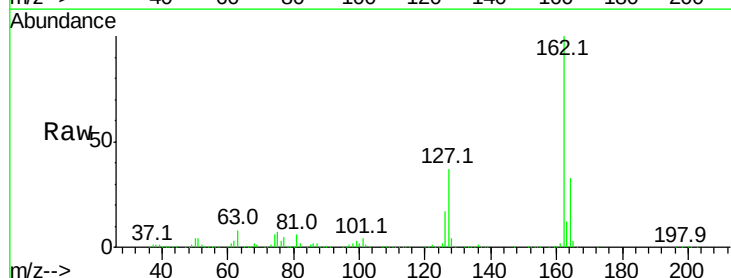
Tgt Ion:162 Resp: 1042684

Ion Ratio Lower Upper

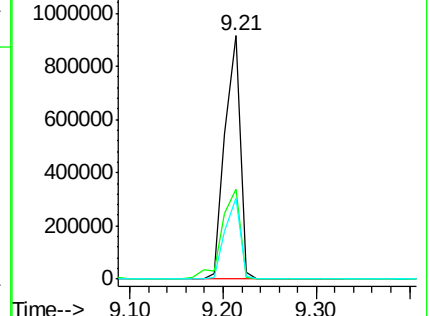
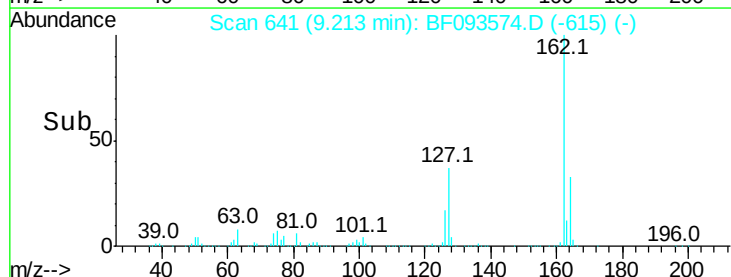
162 100

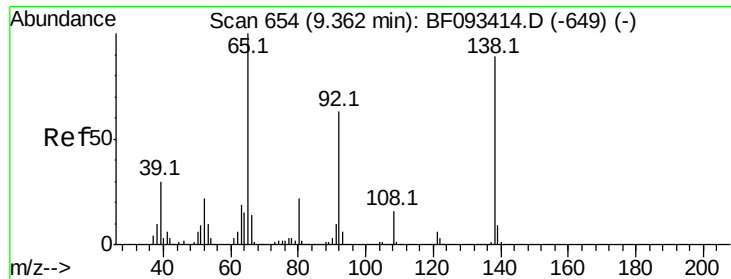
127 36.7 30.7 46.1

164 33.1 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

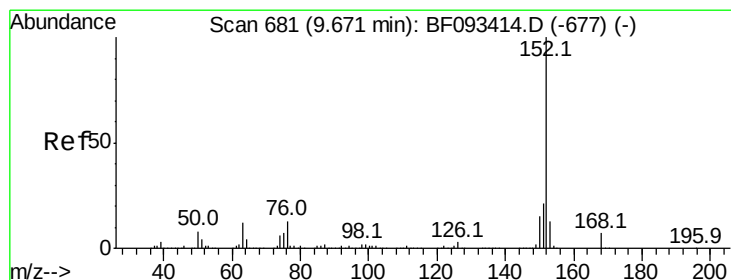
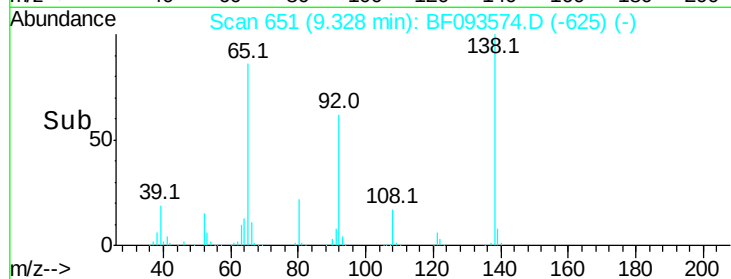
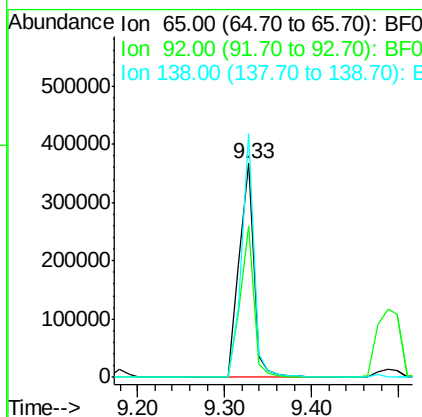
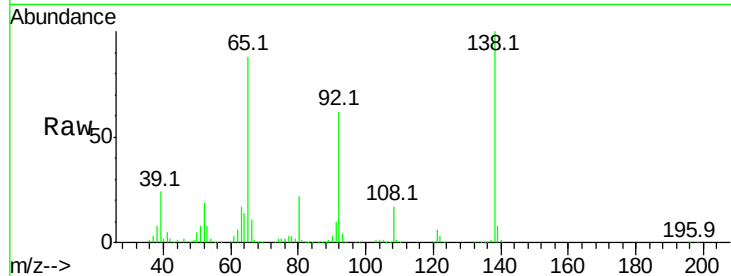




#47
2-Nitroaniline
Concen: 58.18 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

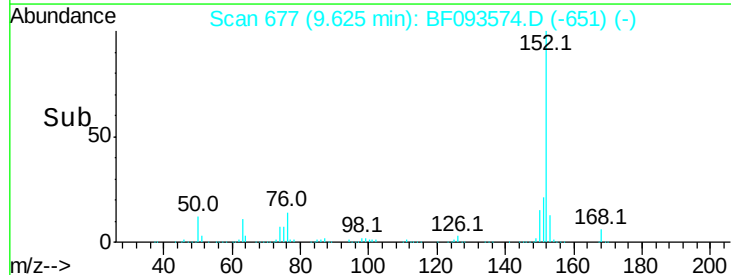
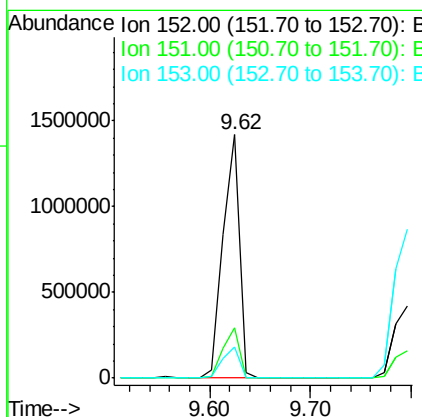
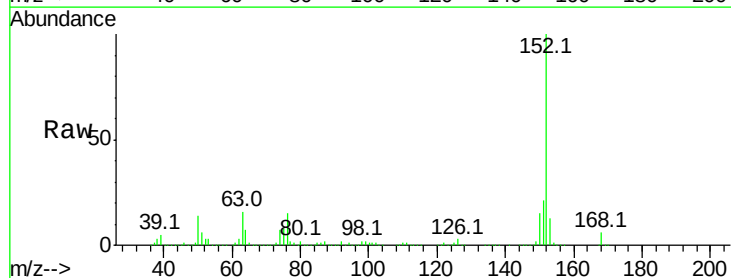
Instrument :
BNA_F
ClientSampleId :

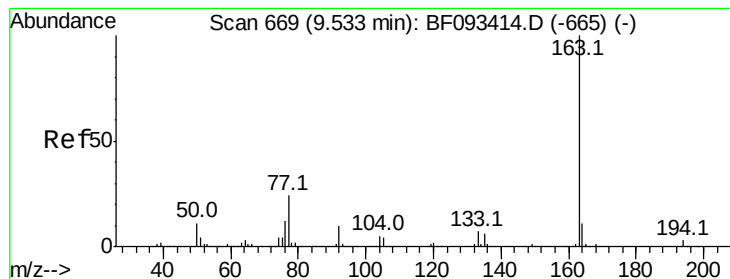
Tot Ion: 65 Resp: 426505
Ion Ratio Lower Upper
65 100
92 71.0 53.9 80.9
138 113.8 76.8 115.2



#48
Acenaphthylene
Concen: 46.99 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:152 Resp: 1607041
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.0 11.4 17.2





#49

Dimethylphthalate

Concen: 63.85 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

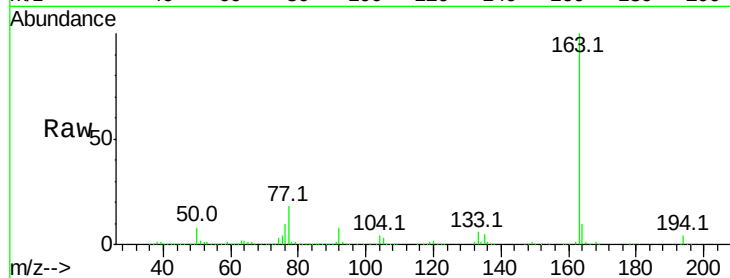
Tot Ion:163 Resp: 1574147

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

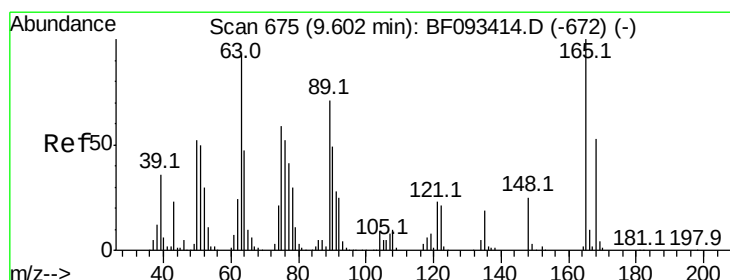
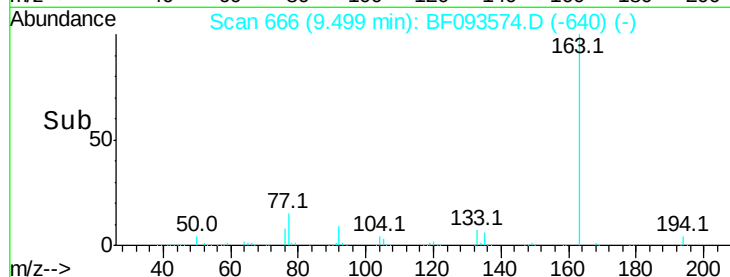
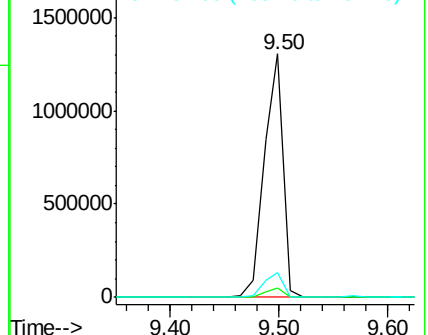
164 10.2 8.0 12.0



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: 54.74 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

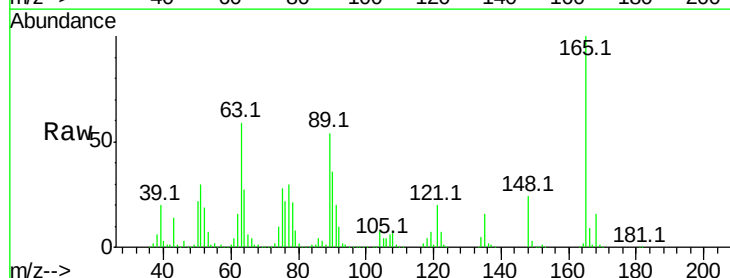
Tgt Ion:165 Resp: 296171

Ion Ratio Lower Upper

165 100

63 58.9 36.2 54.4#

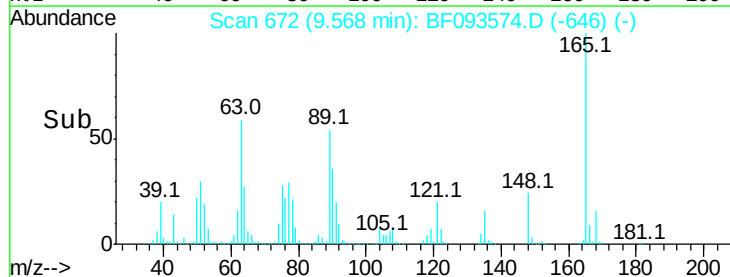
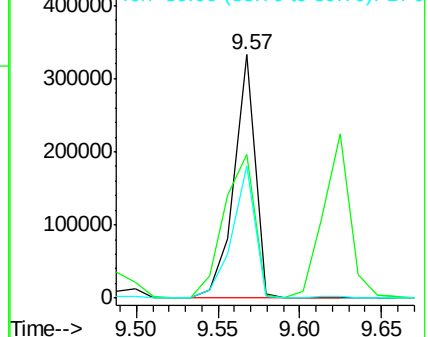
89 54.5 40.2 60.4

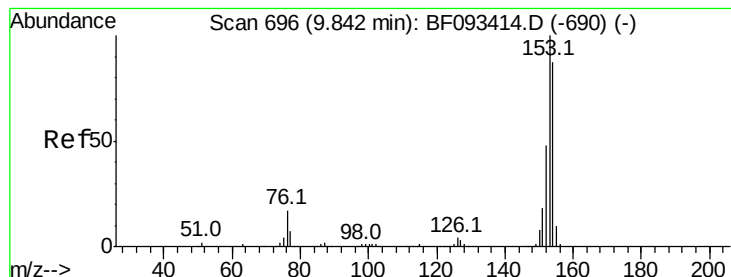


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.94 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampled :

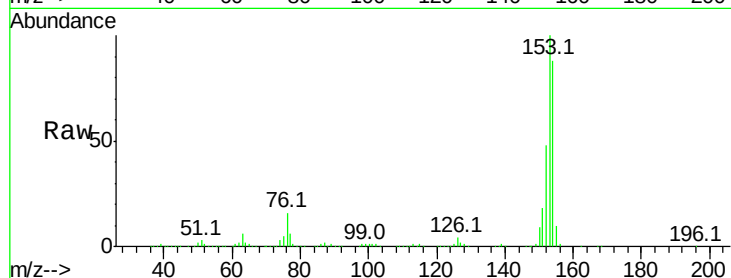
Tot Ion:154 Resp: 969572

Ion Ratio Lower Upper

154 100

153 113.9 88.6 133.0

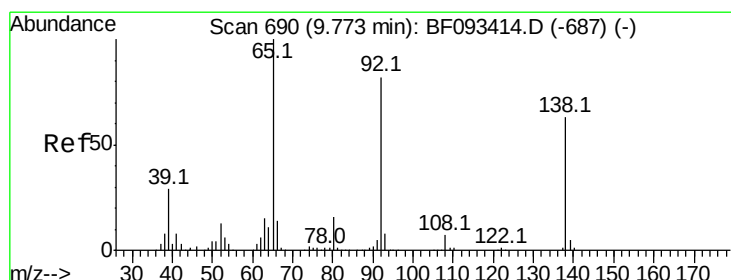
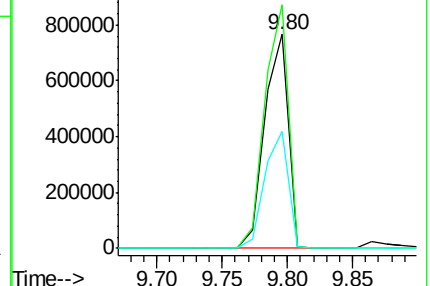
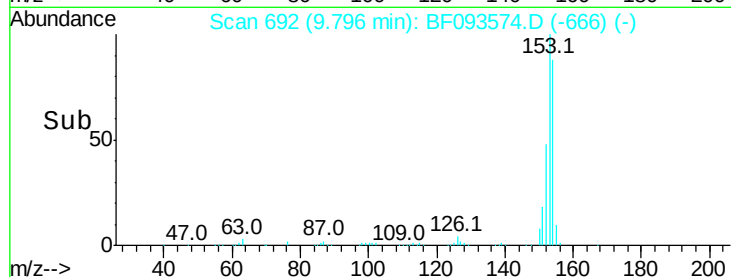
152 54.8 41.6 62.4



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: 31.39 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

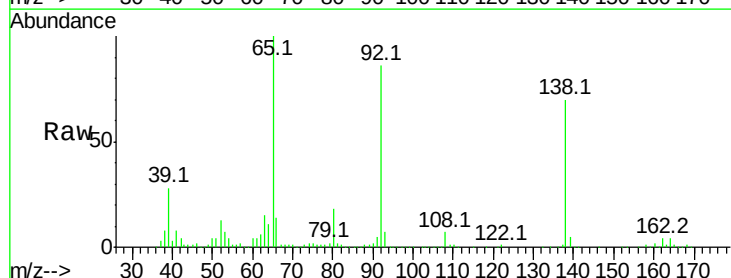
Tgt Ion:138 Resp: 204037

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

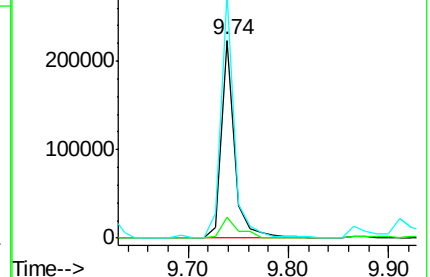
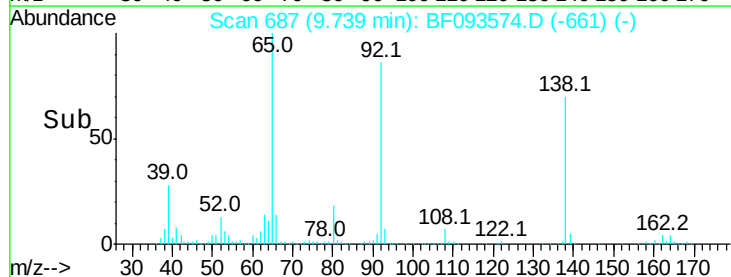
92 123.0 97.8 146.8

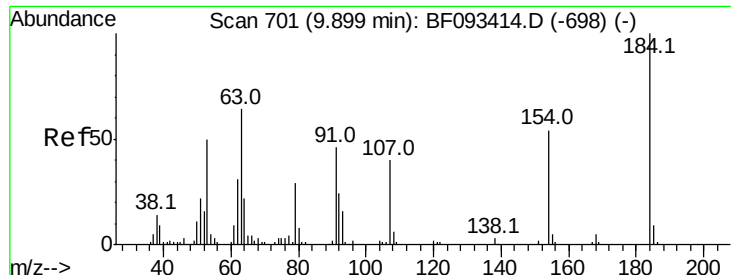


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

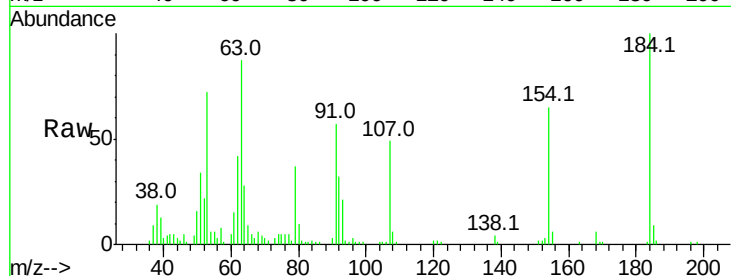




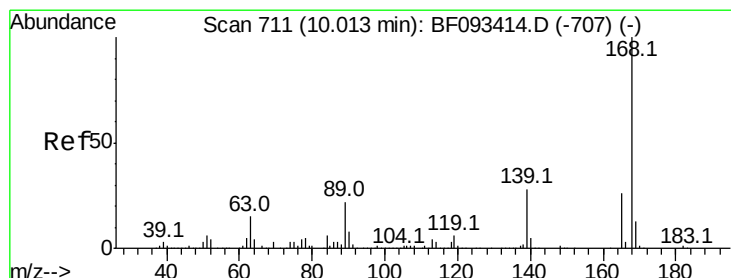
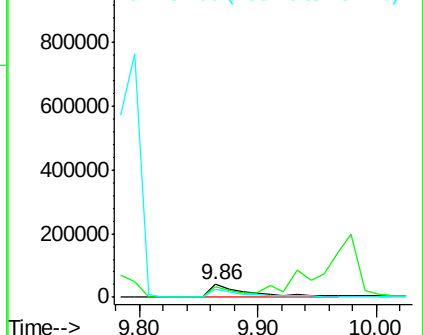
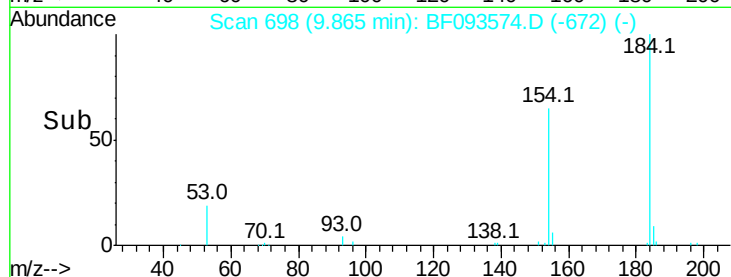
#53
 2,4-Dinitrophenol
 Concen: 36.85 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 90794
 Ion Ratio Lower Upper
 184 100
 63 87.3 28.4 42.6#
 154 65.2 44.3 66.5

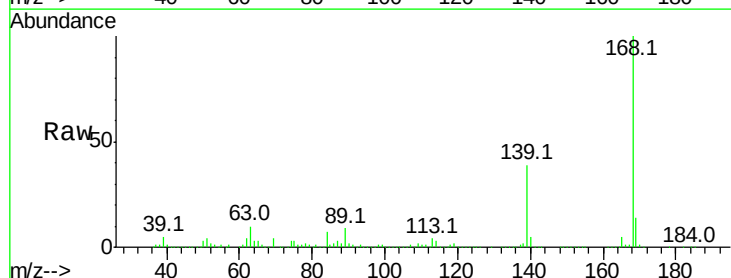


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

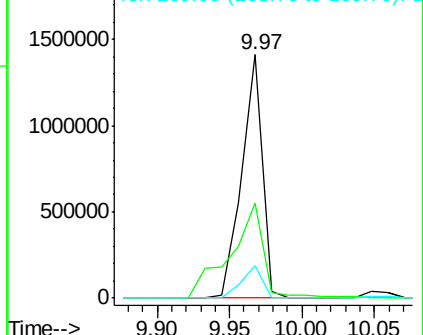
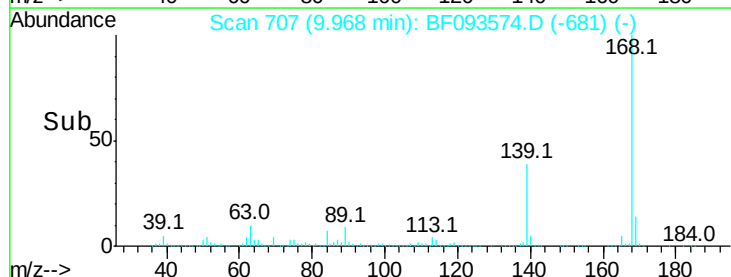


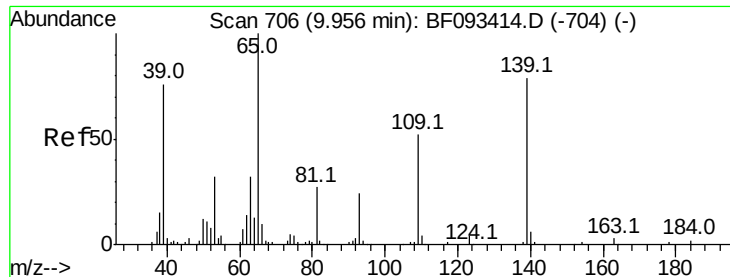
#54
 Dibenzofuran
 Concen: 54.91 ng
 RT: 9.97 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion:168 Resp: 1389960
 Ion Ratio Lower Upper
 168 100
 139 39.1 32.6 49.0
 169 13.5 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

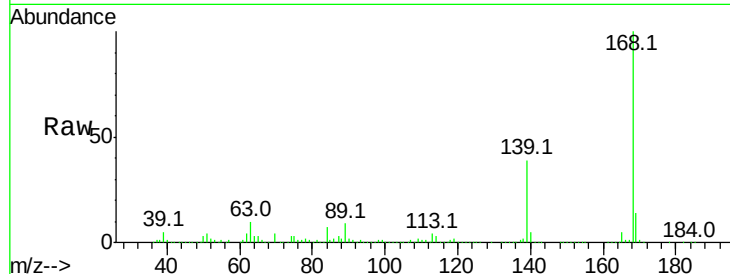




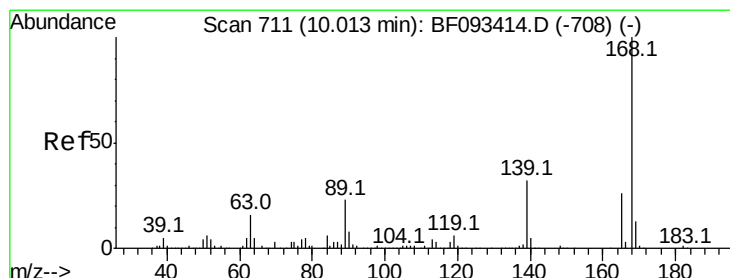
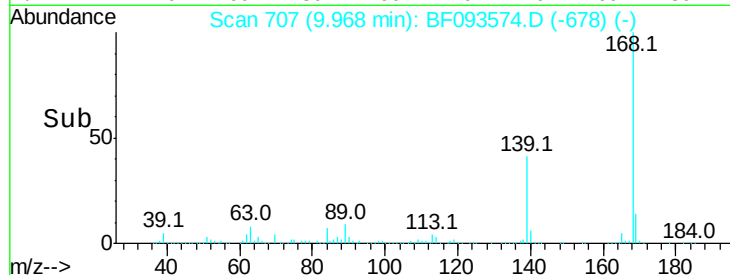
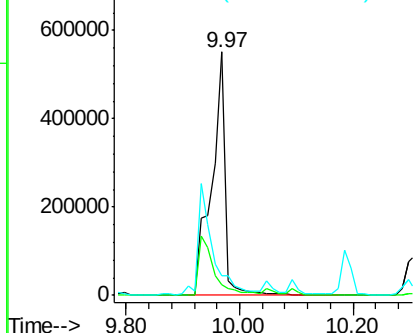
#55
4-Nitrophenol
Concen: 289.67 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 914490
Ion Ratio Lower Upper
139 100
109 4.4 52.2 92.2#
65 8.1 85.8 125.8#



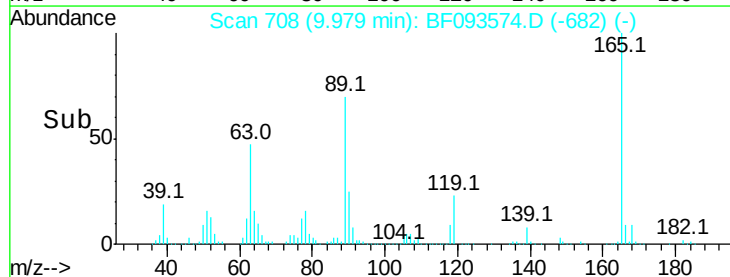
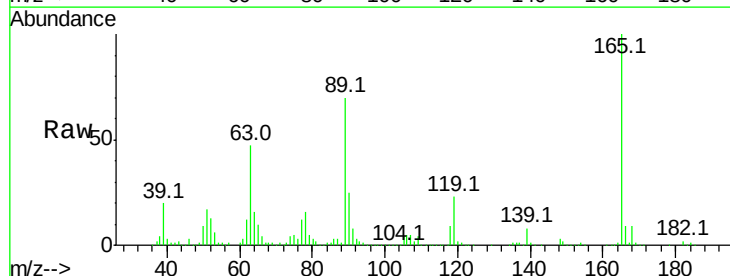
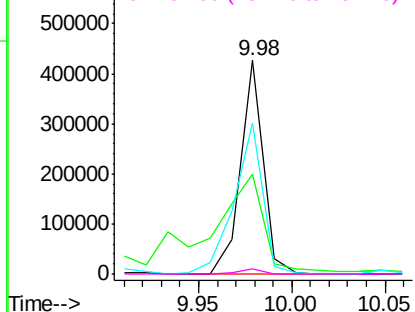
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

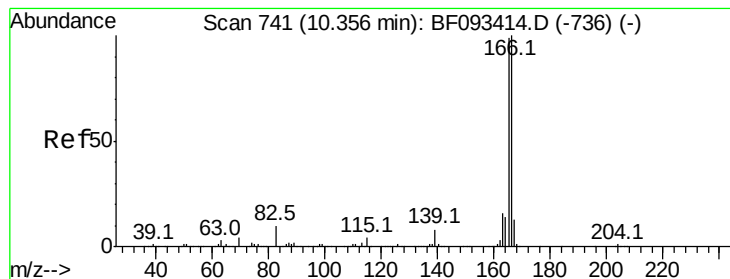


#56
2,4-Dinitrotoluene
Concen: 54.68 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:165 Resp: 363403
Ion Ratio Lower Upper
165 100
63 46.8 40.2 60.4
89 70.5 62.5 93.7
182 2.3 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: 48.96 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

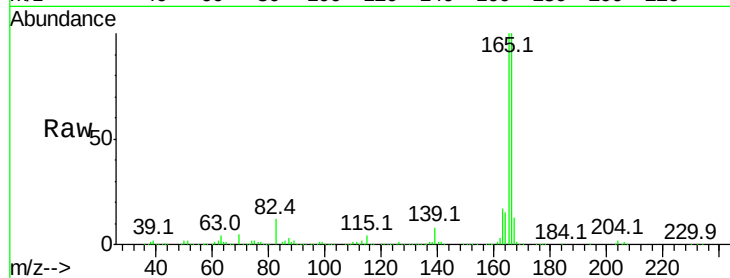
Tot Ion:166 Resp: 1050158

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

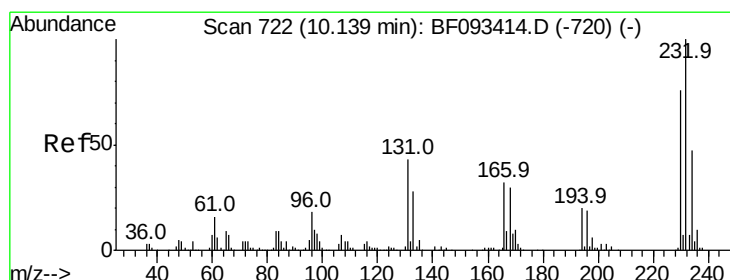
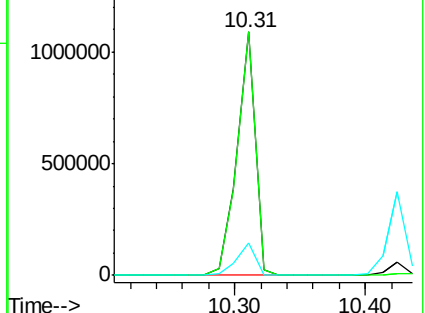
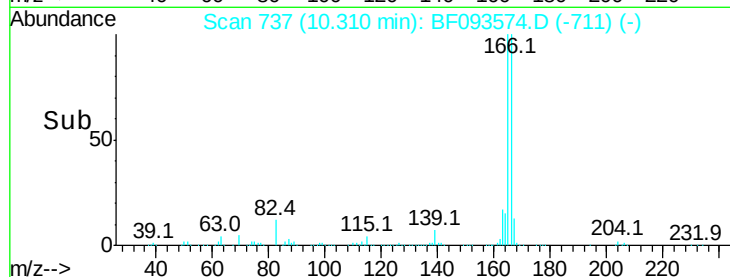
167 13.1 10.8 16.2



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: 51.30 ng

RT: 10.09 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Tgt Ion:232 Resp: 246491

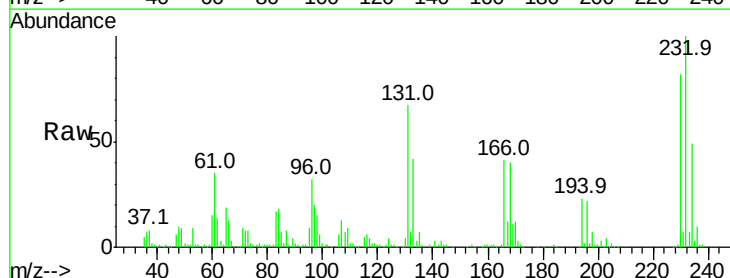
Ion Ratio Lower Upper

232 100

131 53.6 40.1 60.1

130 3.0 1.8 2.8#

166 32.8 26.6 39.8

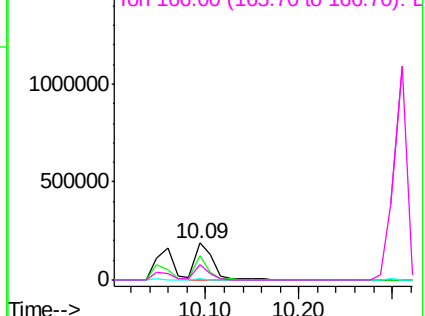
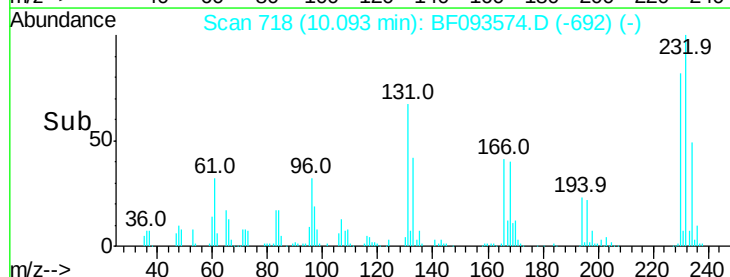


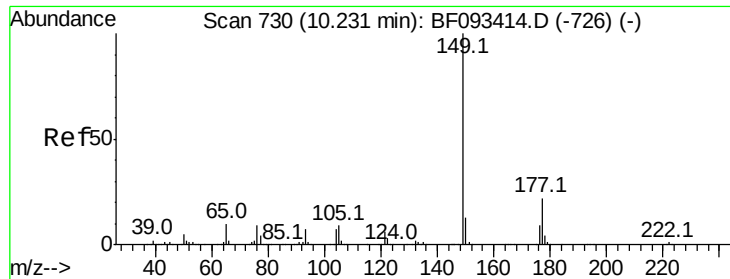
Abundance Ion 232.00 (231.70 to 232.70): E

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

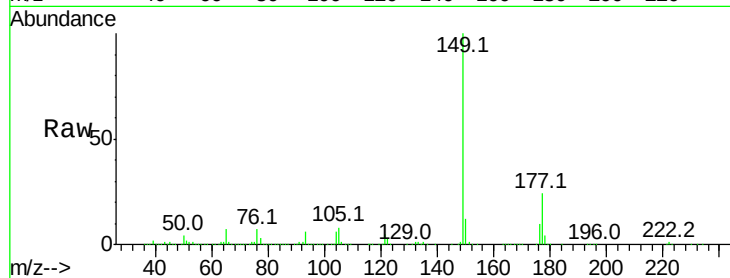




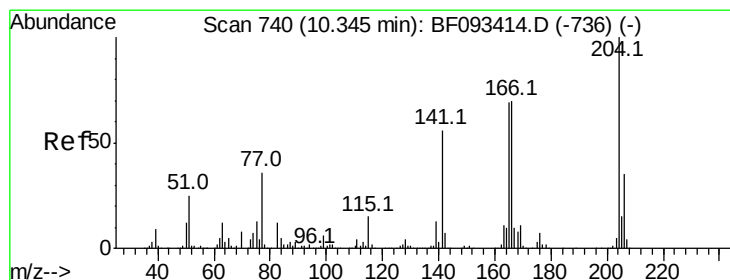
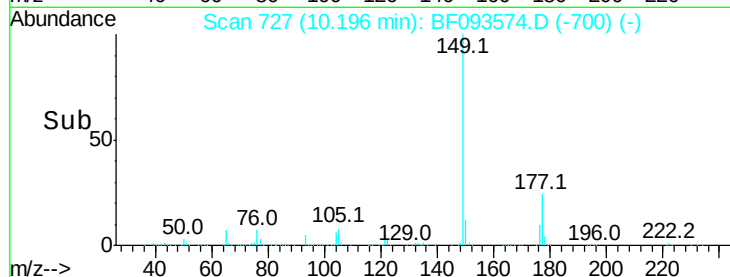
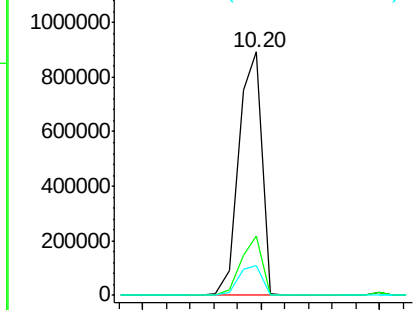
#59
Diethylphthalate
Concen: 51.02 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1202208
Ion Ratio Lower Upper
149 100
177 24.2 16.6 25.0
150 12.0 10.4 15.6

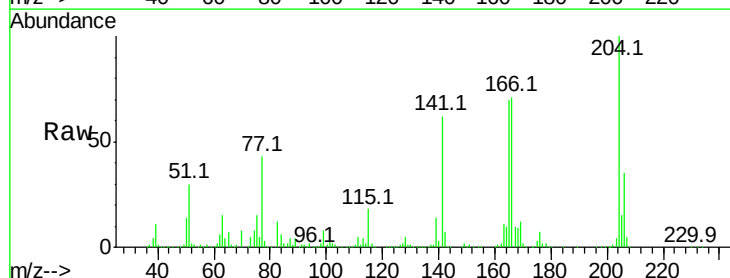


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

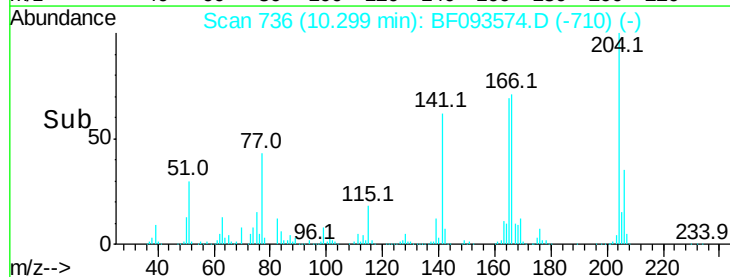
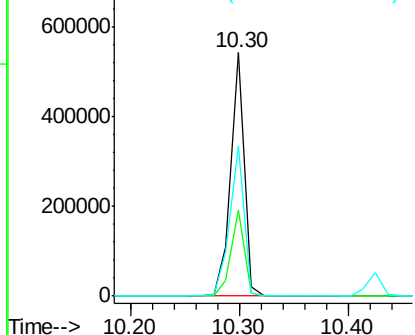


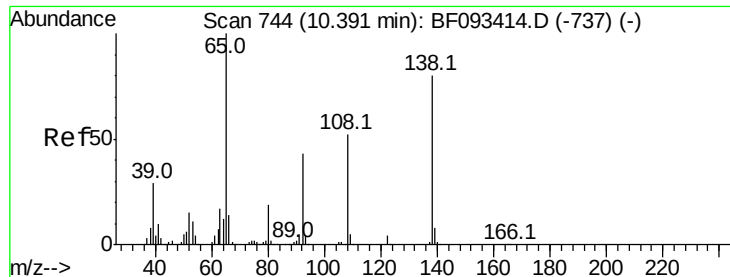
#60
4-Chlorophenyl-phenylether
Concen: 48.53 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:204 Resp: 466639
Ion Ratio Lower Upper
204 100
206 35.4 25.8 38.6
141 61.9 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

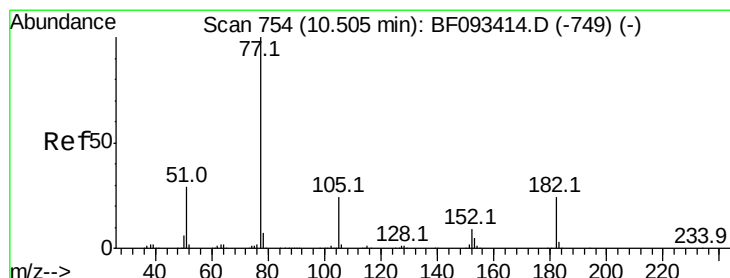
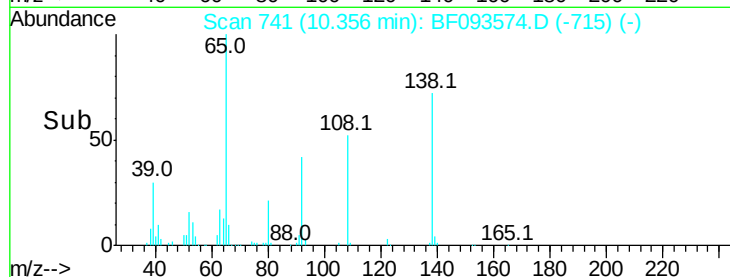
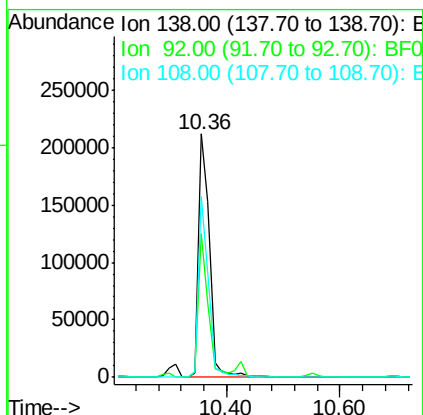
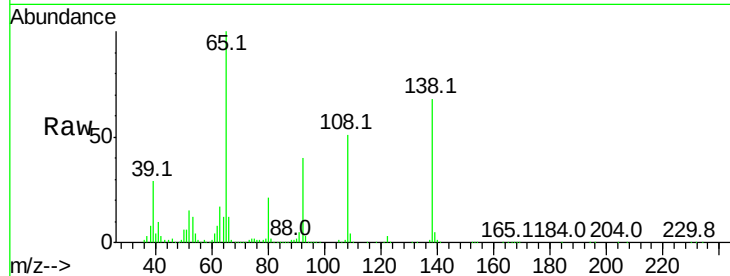




#61
4-Nitroaniline
Concen: 41.86 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

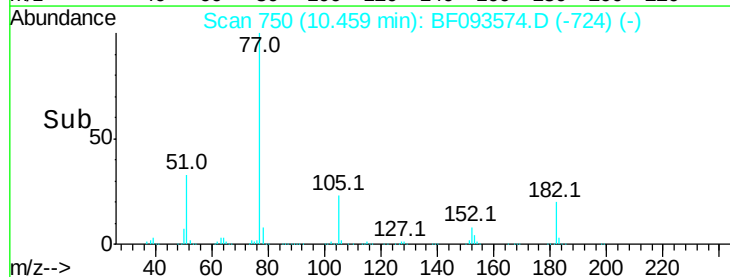
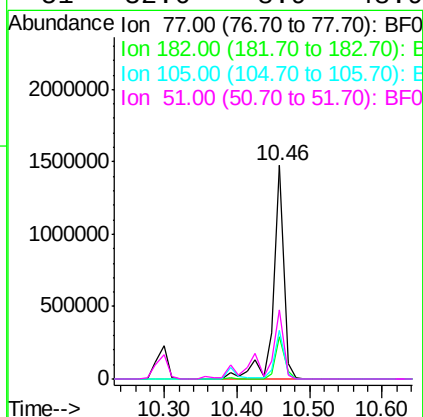
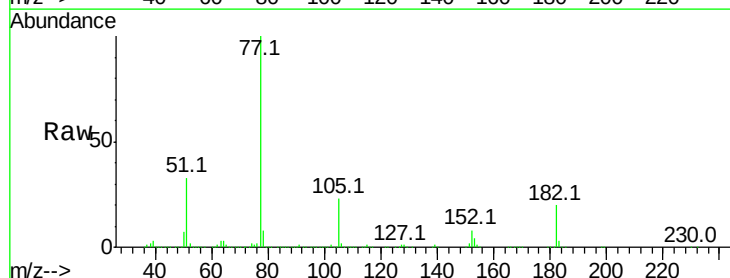
Instrument :
BNA_F
ClientSampleId :

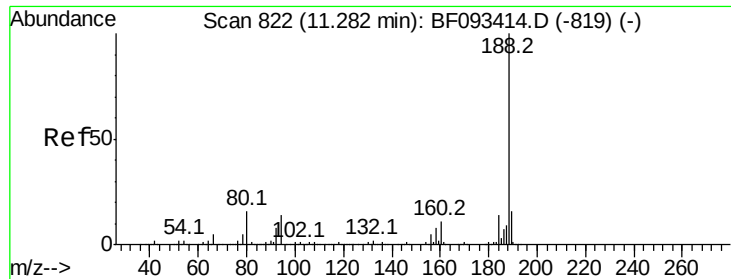
Tot Ion:138 Resp: 278271
Ion Ratio Lower Upper
138 100
92 59.1 31.7 71.7
108 74.4 52.6 92.6



#62
Azobenzene
Concen: 55.53 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion: 77 Resp: 1486877
Ion Ratio Lower Upper
77 100
182 20.0 0.0 39.3
105 22.9 2.3 42.3
51 32.6 8.9 48.9

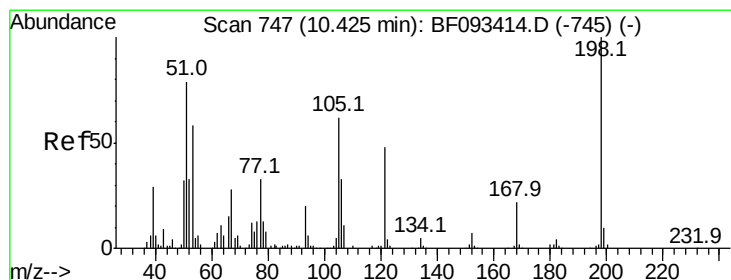
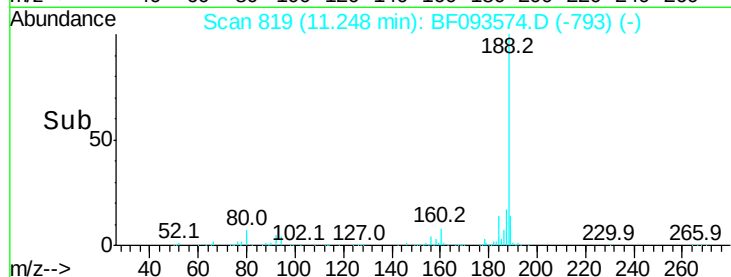
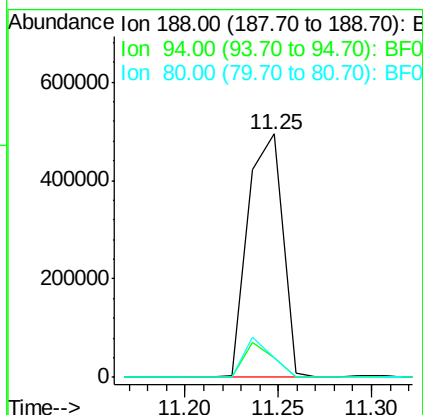
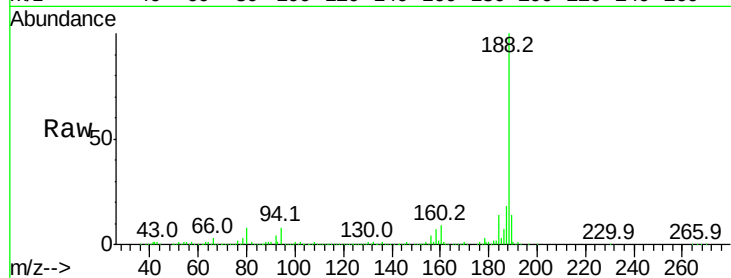




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

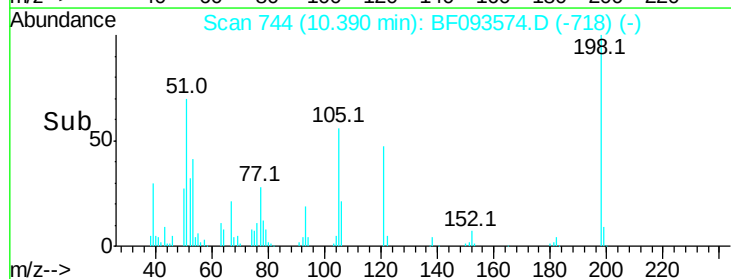
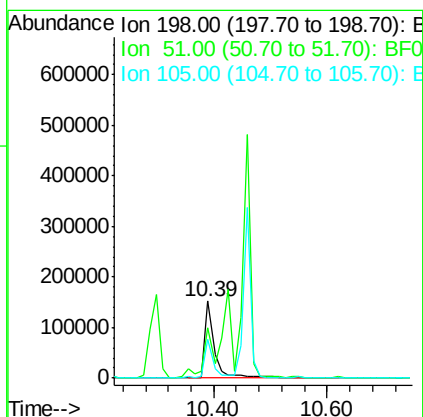
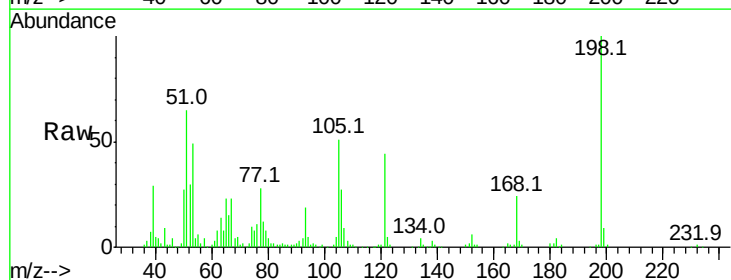
Instrument :
BNA_F
ClientSampleId :

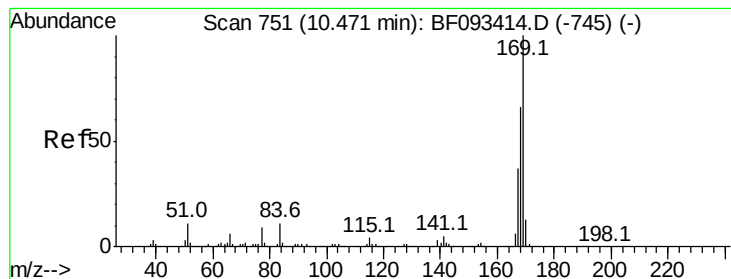
Tot Ion:188 Resp: 639344
Ion Ratio Lower Upper
188 100
94 7.9 10.0 15.0#
80 7.9 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.13 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:198 Resp: 178664
Ion Ratio Lower Upper
198 100
51 65.2 6.7 46.7#
105 51.3 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 42.28 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

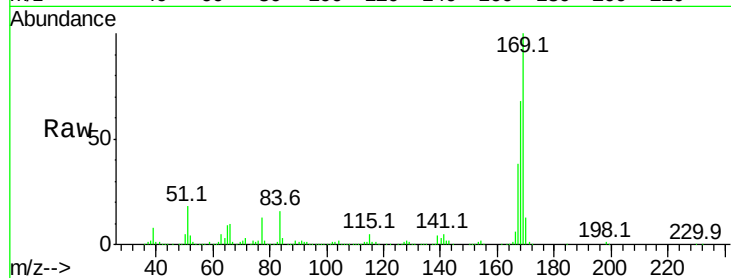
Tot Ion:169 Resp: 902616

Ion Ratio Lower Upper

169 100

168 68.4 54.2 81.2

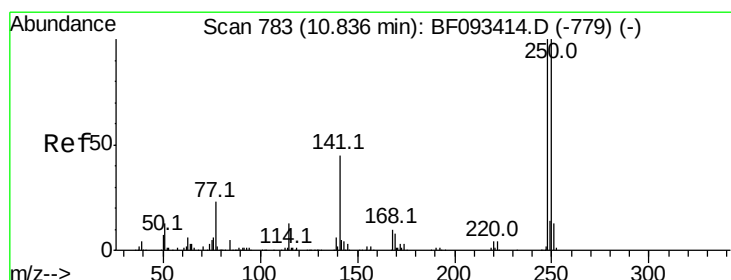
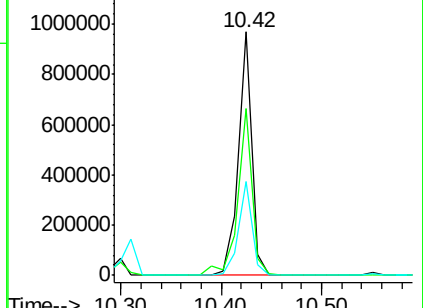
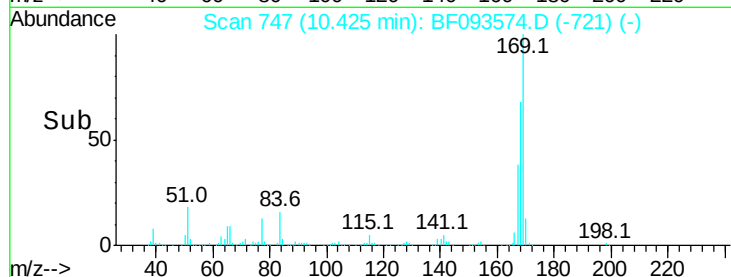
167 38.4 30.2 45.4



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: 41.56 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

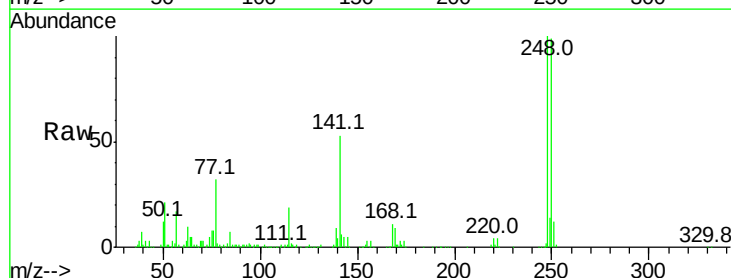
Tgt Ion:248 Resp: 280995

Ion Ratio Lower Upper

248 100

250 98.9 76.9 115.3

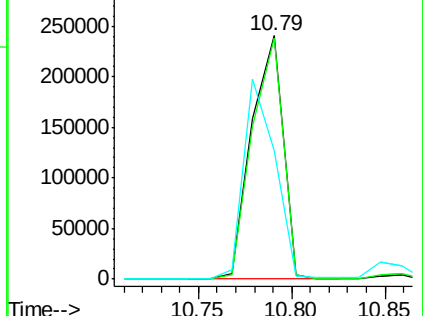
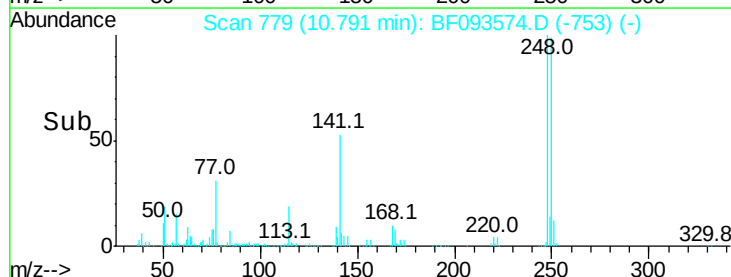
141 52.9 68.2 102.4#

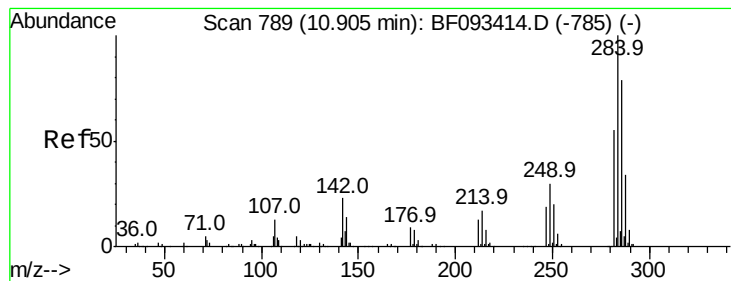


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.67 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

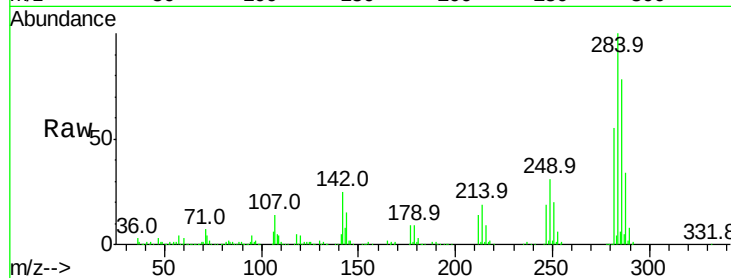
Tot Ion:284 Resp: 268999

Ion Ratio Lower Upper

284 100

142 25.4 22.6 33.8

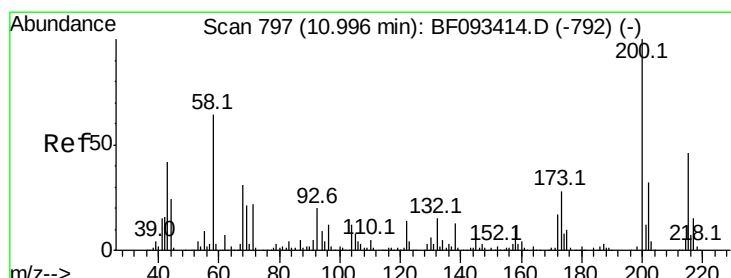
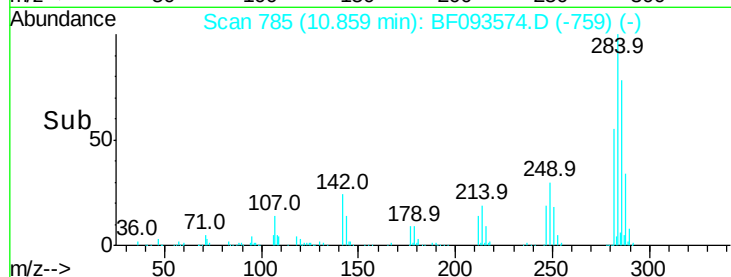
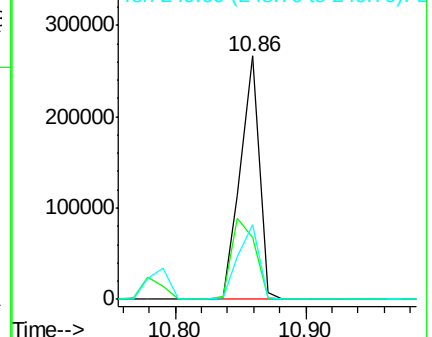
249 30.8 25.4 38.0



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: 50.40 ng

RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

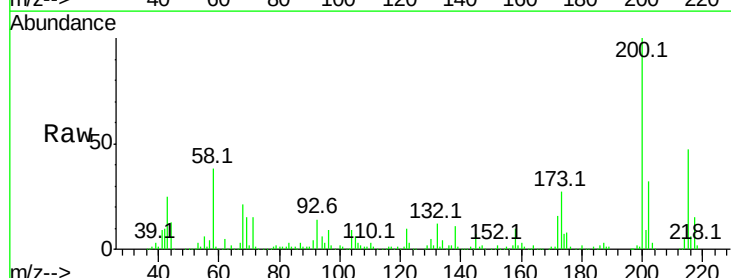
Tgt Ion:200 Resp: 314952

Ion Ratio Lower Upper

200 100

173 26.6 9.6 49.6

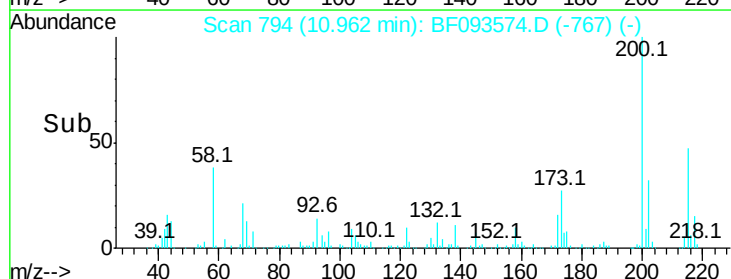
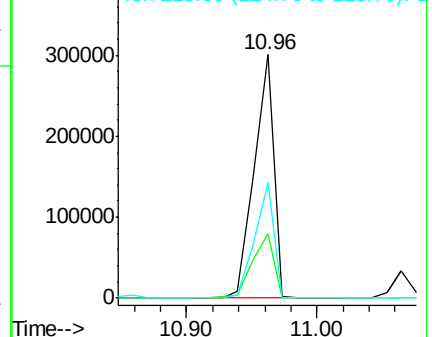
215 47.3 25.7 65.7

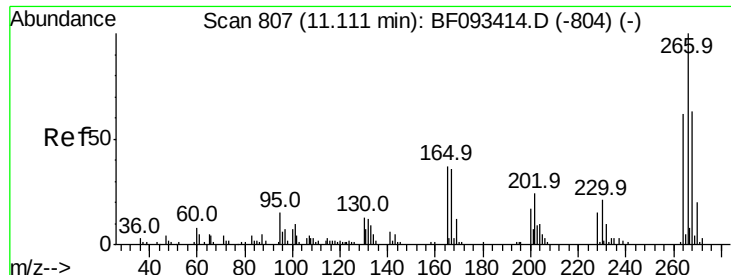


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

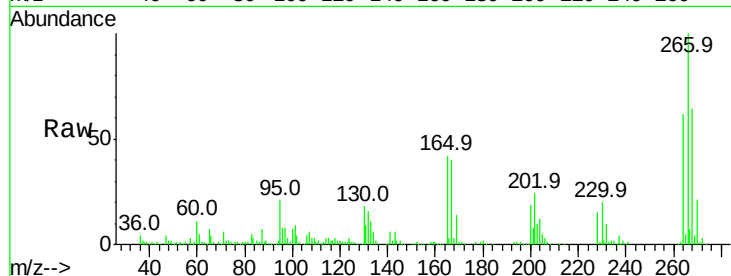




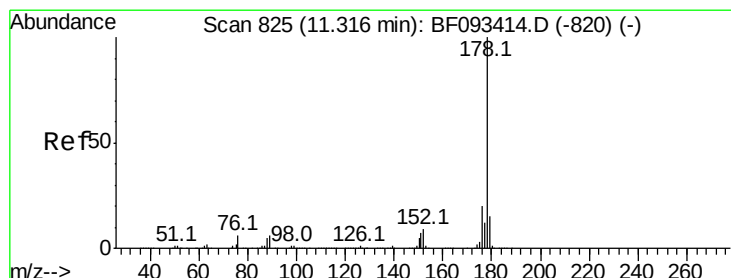
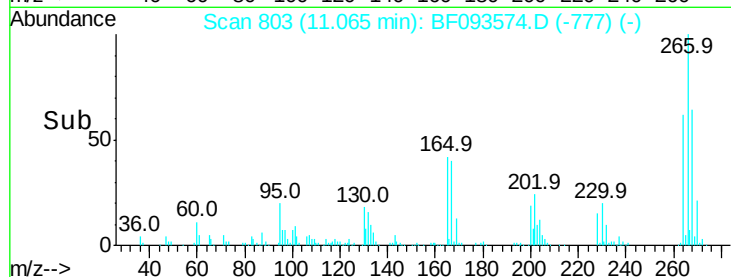
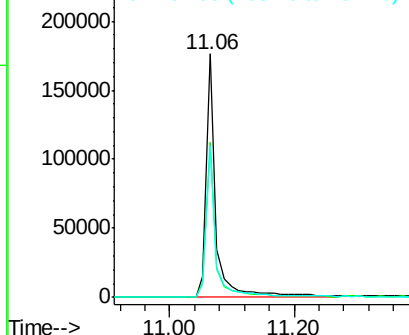
#69
 Pentachlorophenol
 Concen: 87.40 ng
 RT: 11.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 194816
 Ion Ratio Lower Upper
 266 100
 268 63.9 53.3 79.9
 264 62.1 50.3 75.5

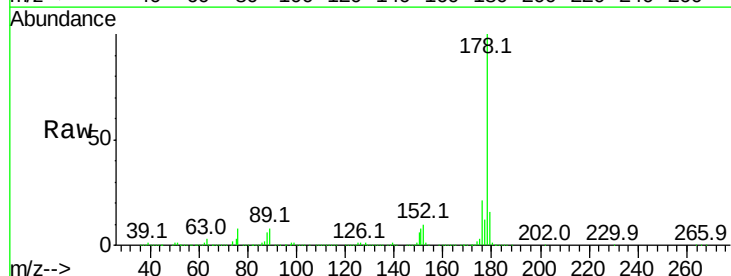


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

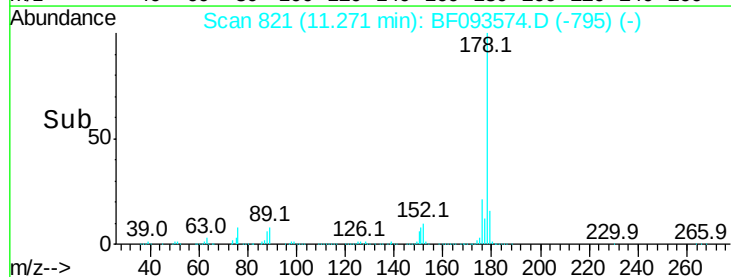
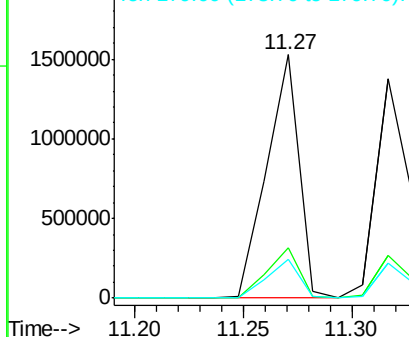


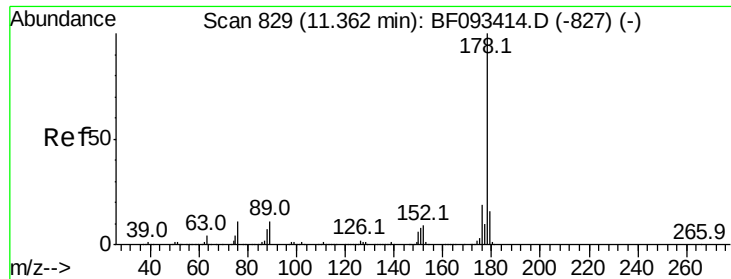
#70
 Phenanthrene
 Concen: 43.72 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion:178 Resp: 1595645
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.6 25.0
 179 15.7 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

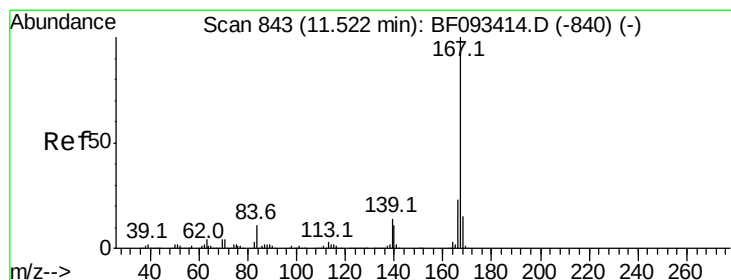
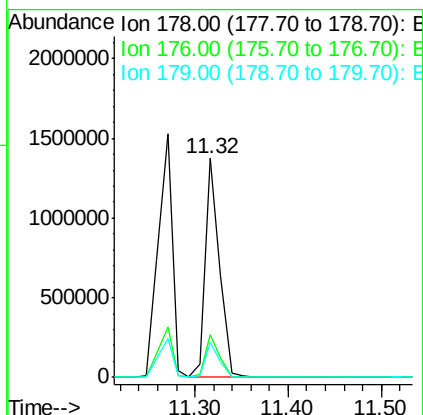
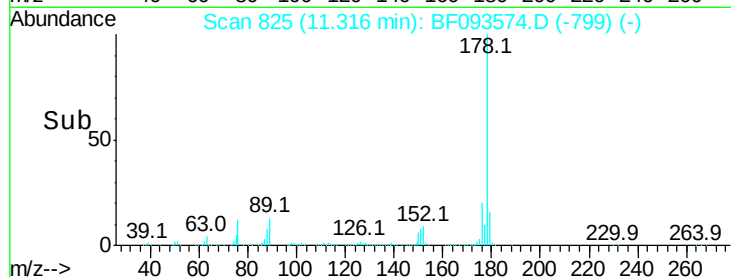
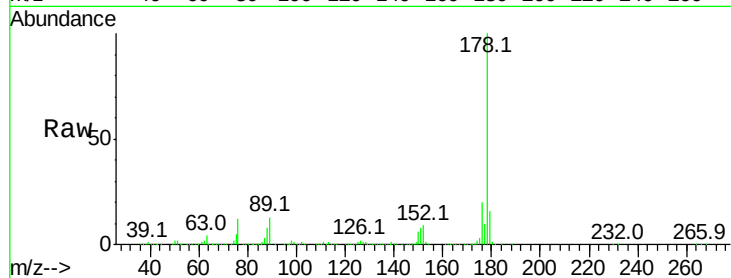




#71
 Anthracene
 Concen: 39.92 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

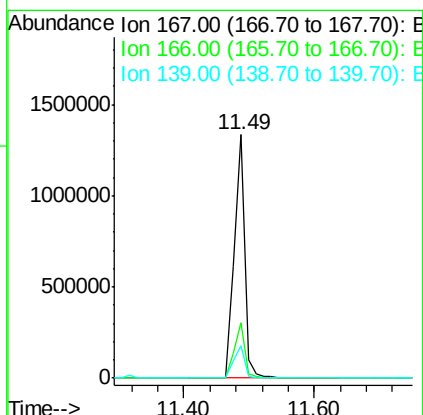
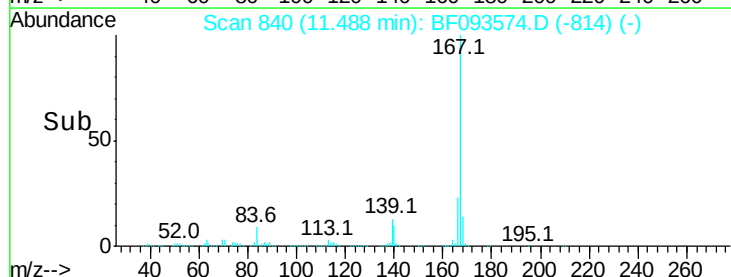
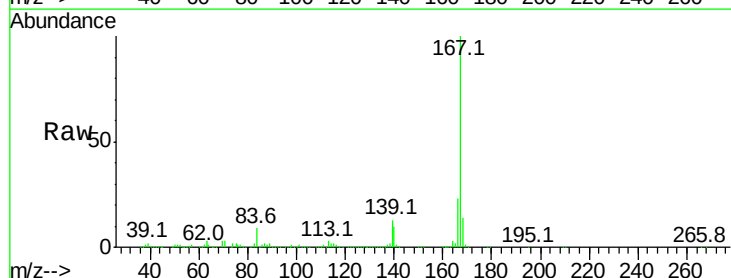
Instrument :
 BNA_F
 ClientSampleId :

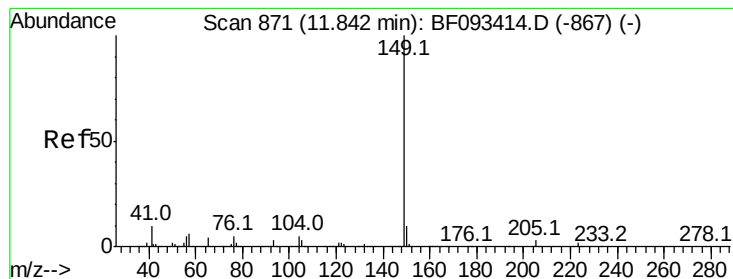
Tot Ion:178 Resp: 1473791
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.0 13.2 19.8



#72
 Carbazole
 Concen: 41.54 ng
 RT: 11.49 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion:167 Resp: 1440666
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 13.2 11.4 17.2





#73

Di-n-butylphthalate

Concen: 44.94 ng

RT: 11.81 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

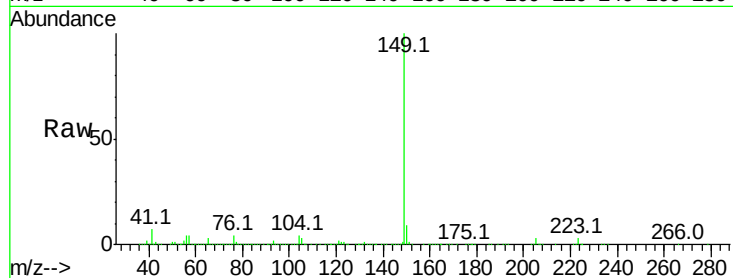
Tot Ion:149 Resp: 1803144

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

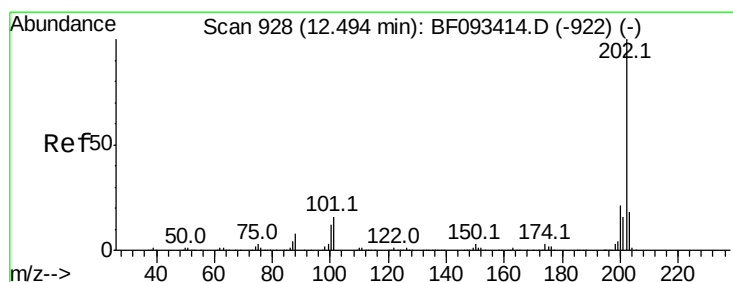
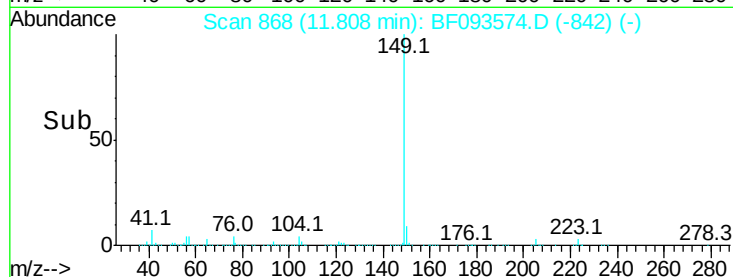
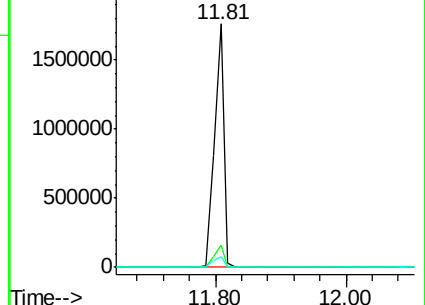
104 4.4 4.6 7.0#



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: 42.79 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

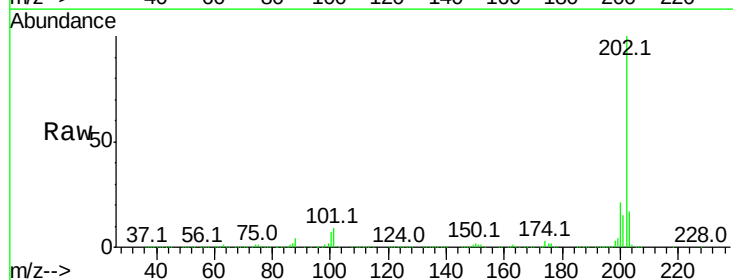
Tgt Ion:202 Resp: 1508205

Ion Ratio Lower Upper

202 100

101 9.3 0.0 34.6

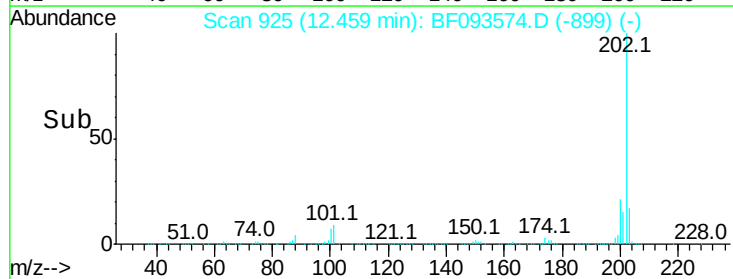
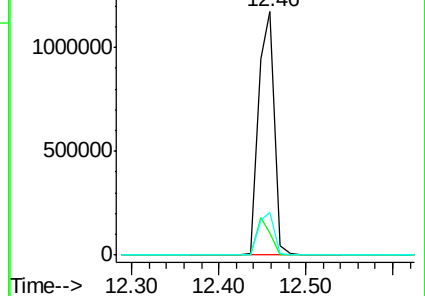
203 17.3 0.0 38.7

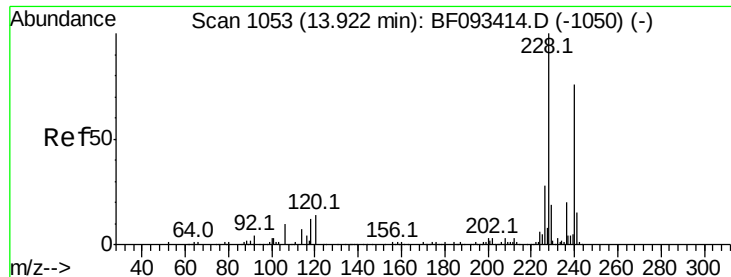


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

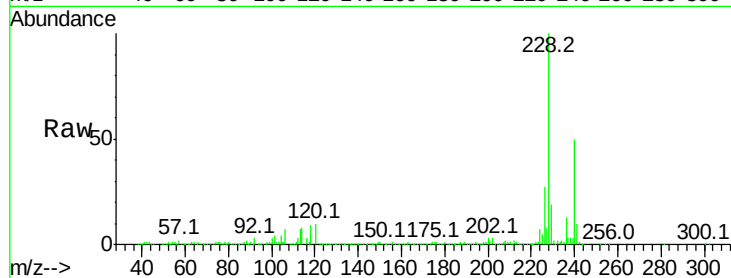
Tot Ion:240 Resp: 402213

Ion Ratio Lower Upper

240 100

120 20.5 12.9 19.3#

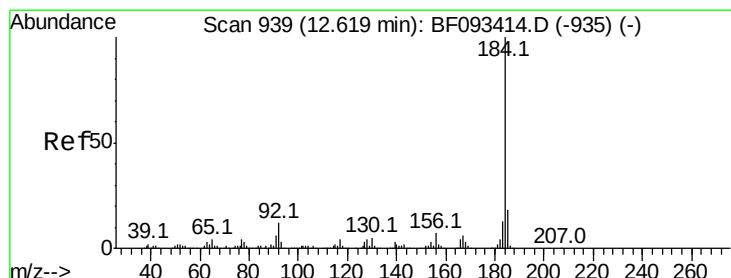
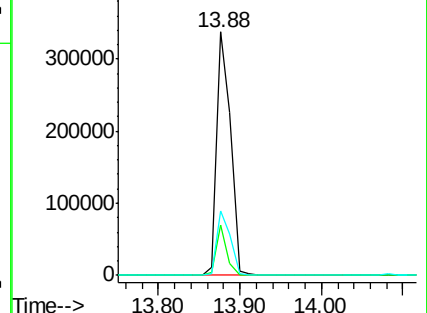
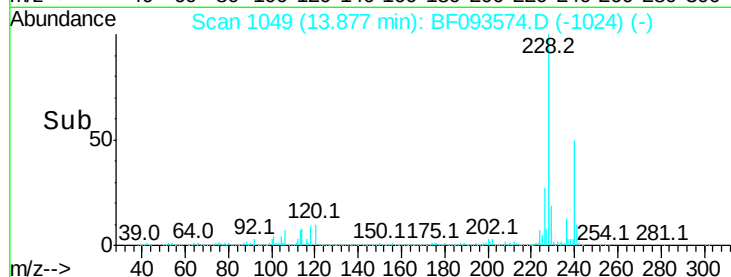
236 26.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.34 ng

RT: 12.58 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

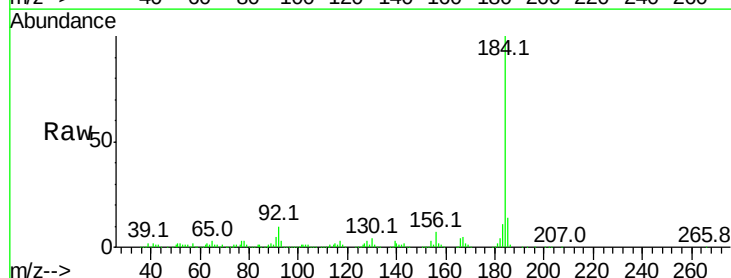
Tgt Ion:184 Resp: 361659

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

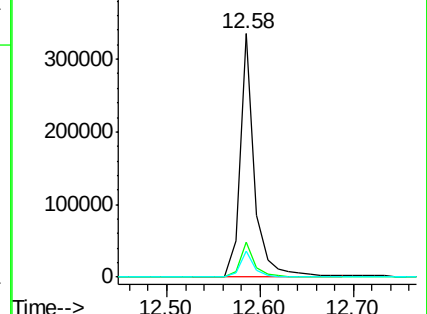
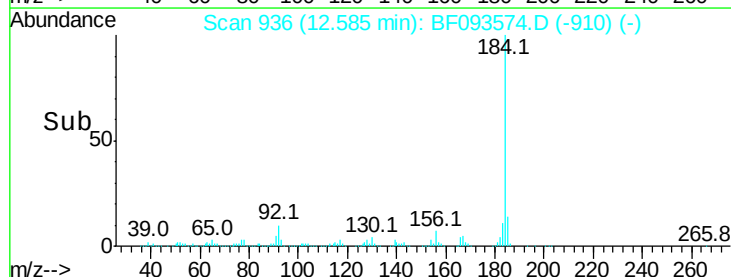
183 10.9 9.2 13.8

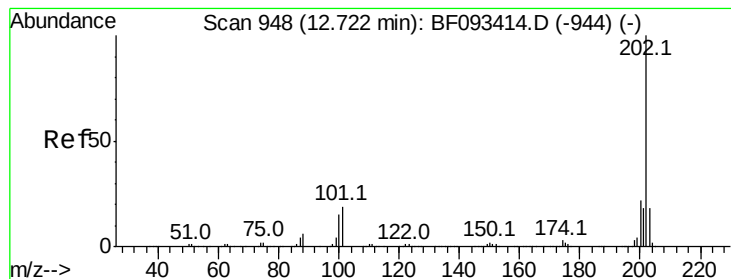


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 50.36 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

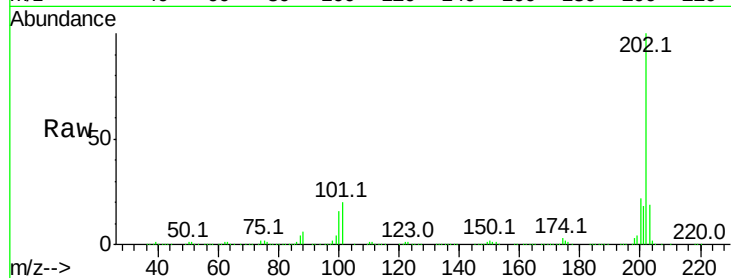
Tot Ion:202 Resp: 1473077

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

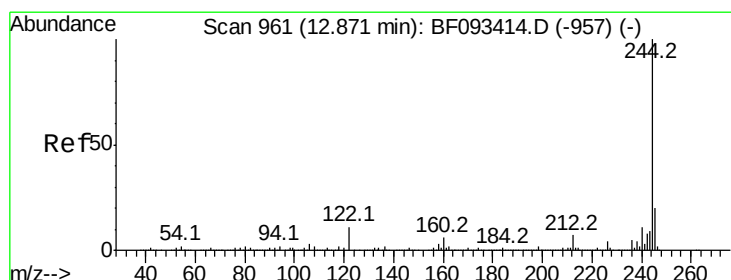
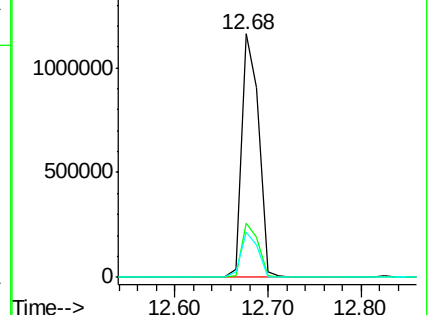
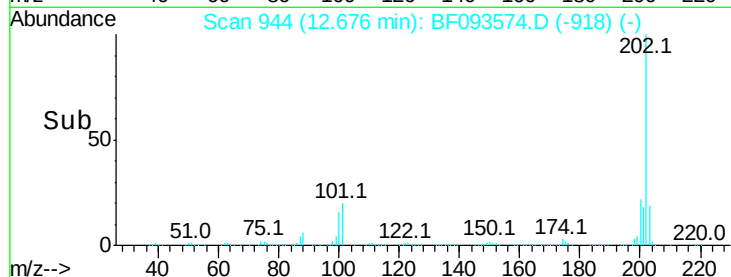
203 18.5 14.7 22.1



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: 91.59 ng

RT: 12.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

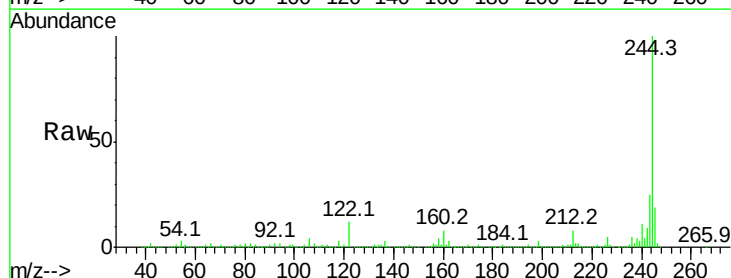
Tgt Ion:244 Resp: 1416895

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

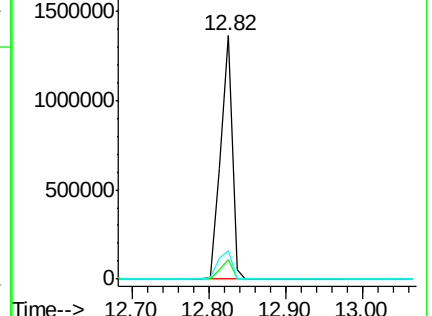
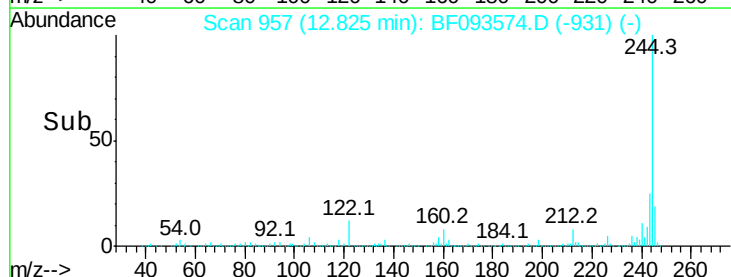
122 12.0 11.4 17.2

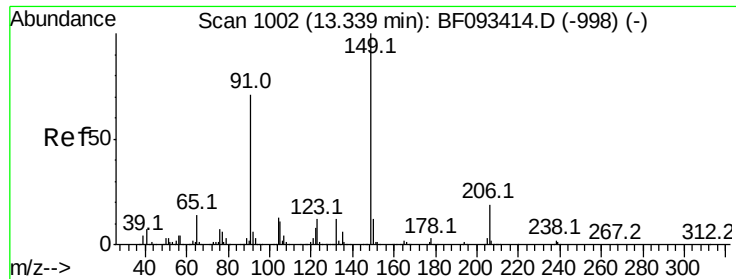


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

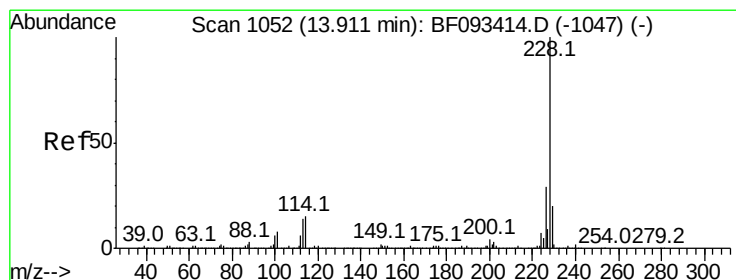
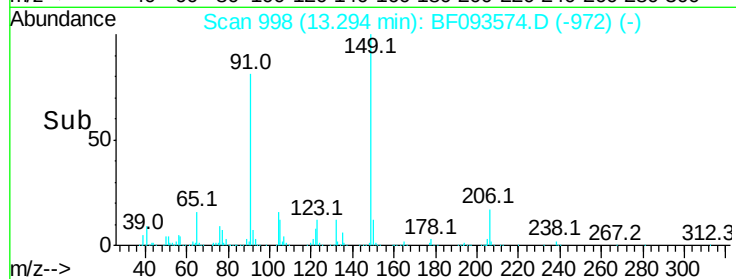
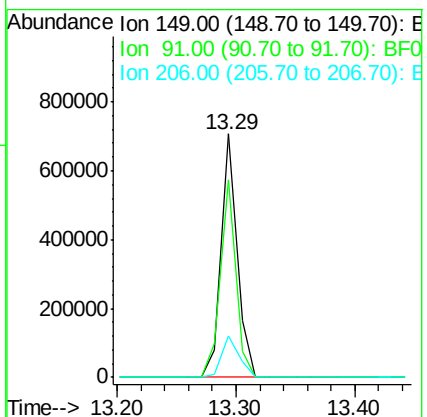
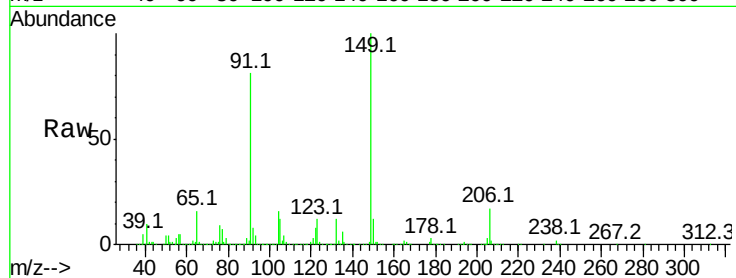




#79
Butylbenzylphthalate
Concen: 53.26 ng
RT: 13.29 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

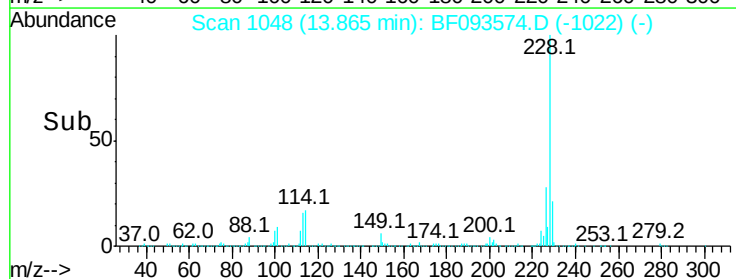
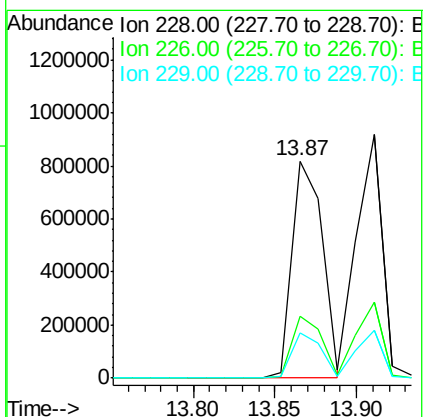
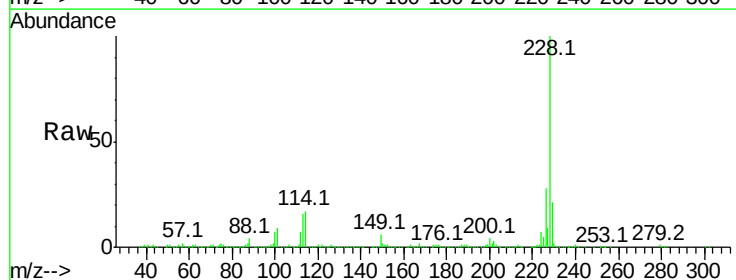
Instrument :
BNA_F
ClientSampled :

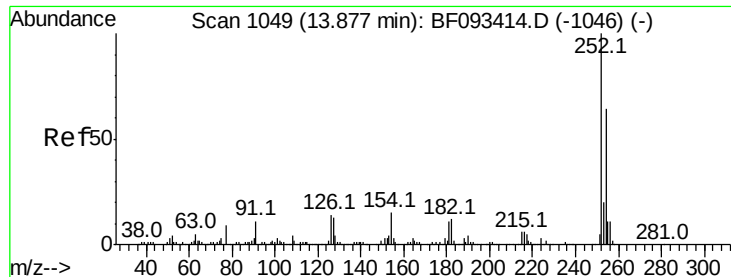
Tot Ion:149 Resp: 655818
Ion Ratio Lower Upper
149 100
91 81.1 63.9 95.9
206 16.9 14.6 21.8



#80
Benzo(a)anthracene
Concen: 44.76 ng
RT: 13.87 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:228 Resp: 1063184
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 20.7 16.2 24.4

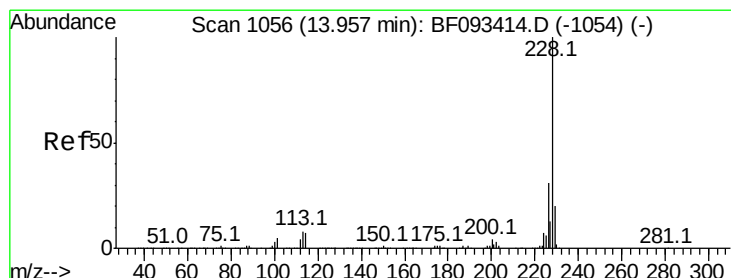
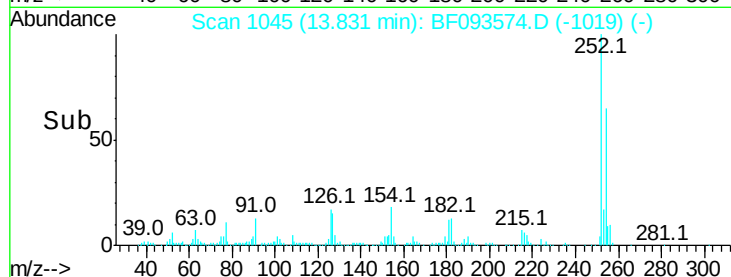
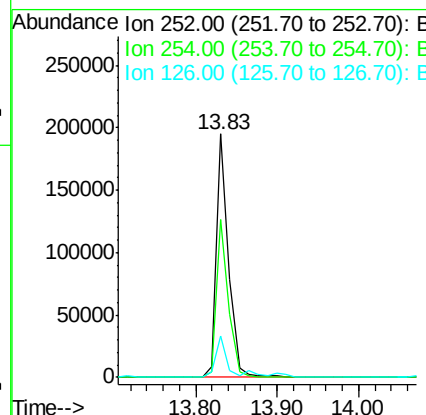
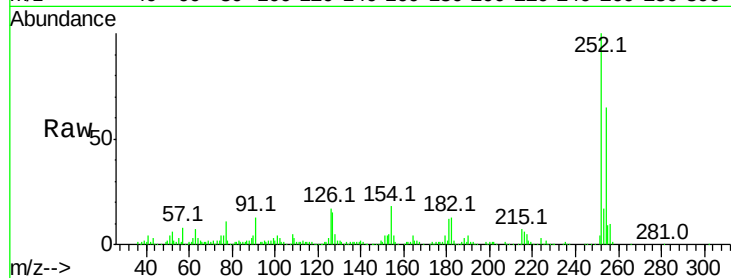




#81
 3,3'-Dichlorobenzidine
 Concen: 24.50 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

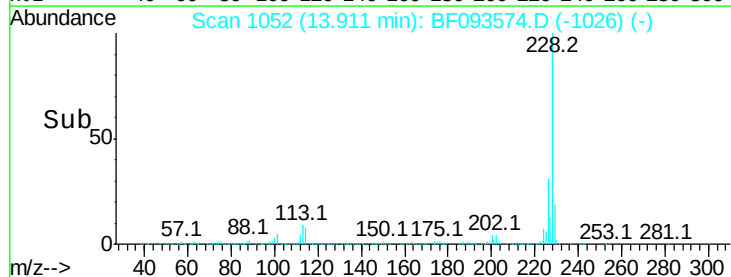
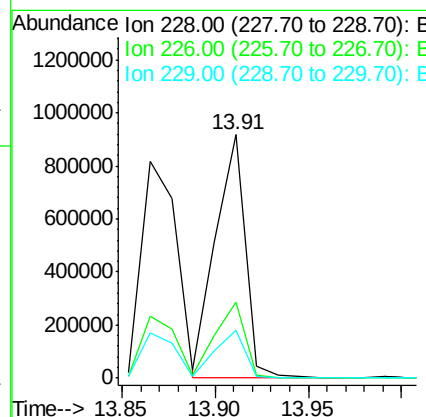
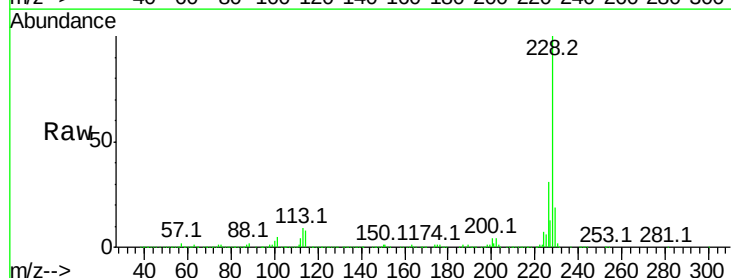
Instrument :
 BNA_F
 ClientSampled :

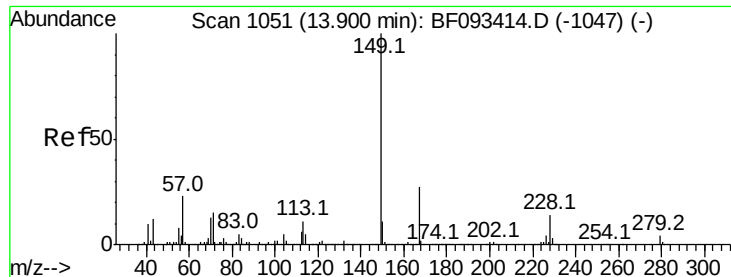
Tot Ion:252 Resp: 203830
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.3 78.5
 126 17.2 13.6 20.4



#82
 Chrysene
 Concen: 46.27 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion:228 Resp: 1016801
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.4 38.0
 229 19.4 16.2 24.2

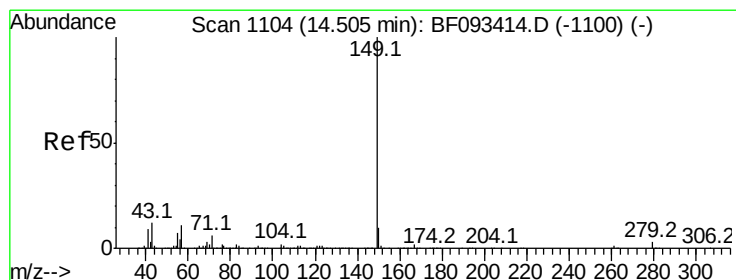
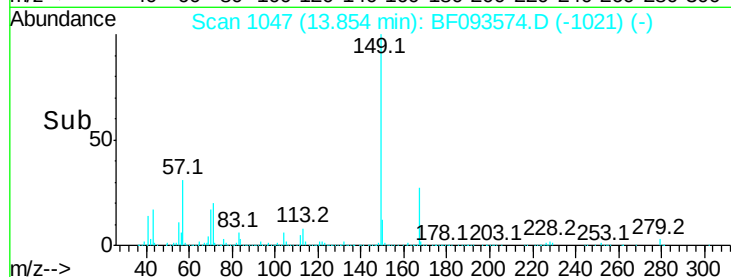
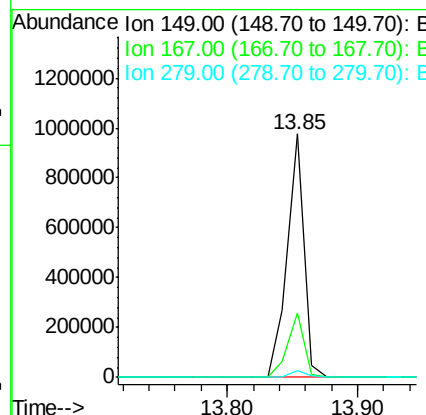
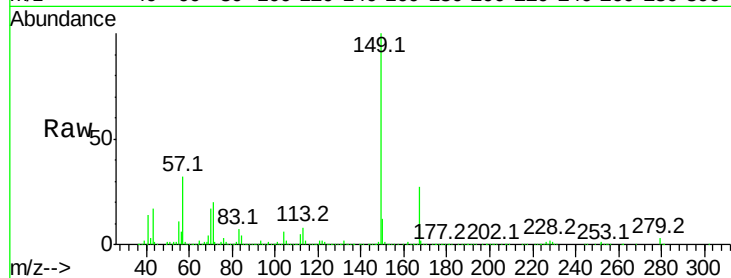




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.14 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

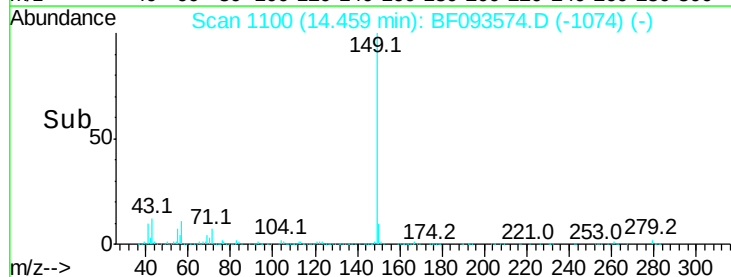
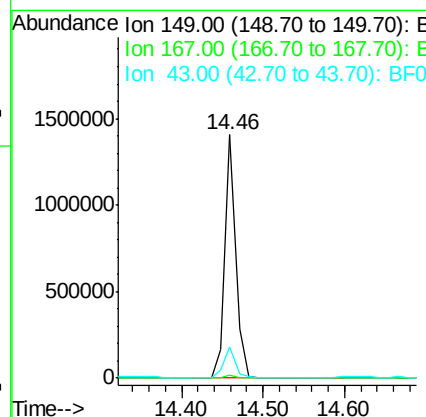
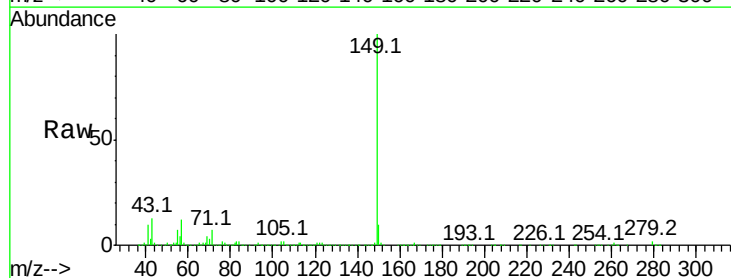
Instrument :
 BNA_F
 ClientSampleId :

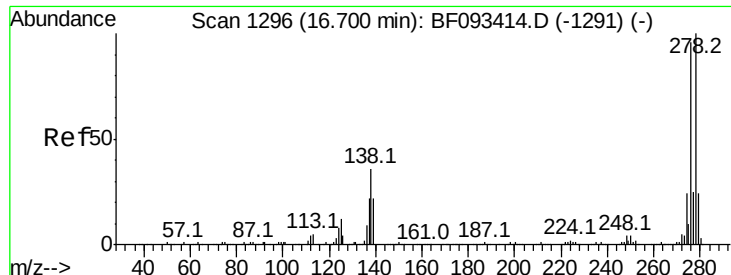
Tot Ion:149 Resp: 894863
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.2 30.4
 279 2.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 44.95 ng
 RT: 14.46 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion:149 Resp: 1285977
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.7 8.9 13.3

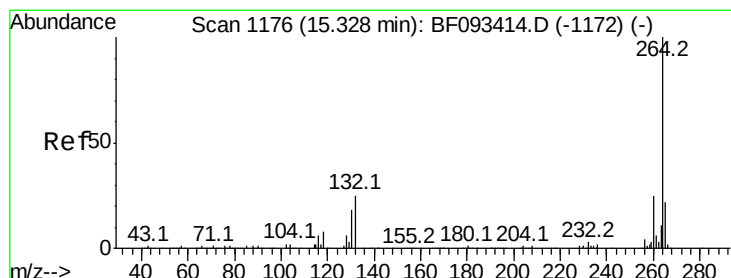
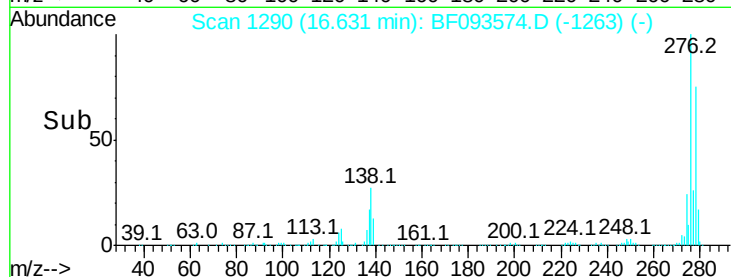
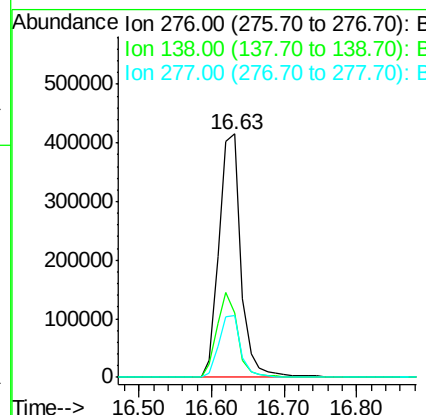
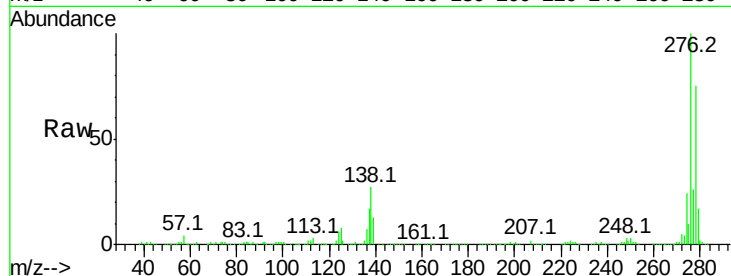




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.63 ng
 RT: 16.63 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

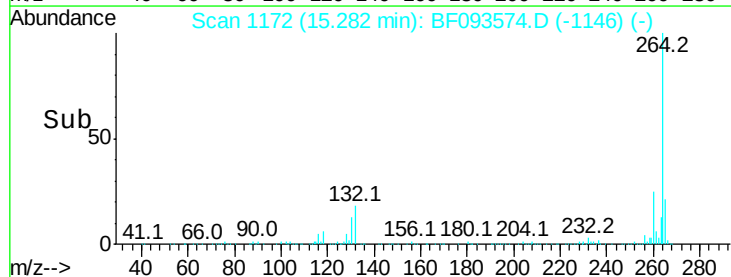
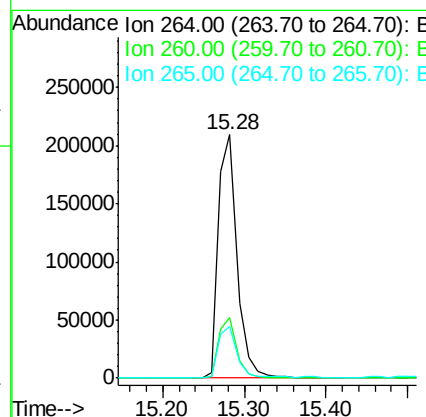
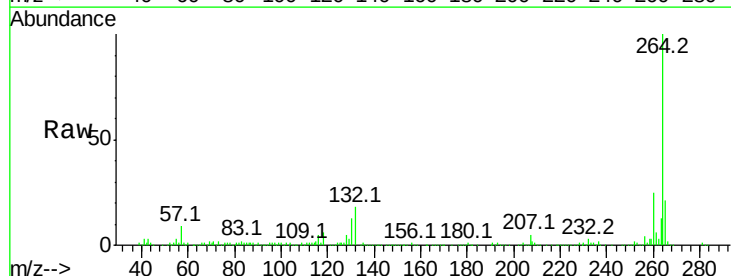
Instrument :
 BNA_F
 ClientSampleId :

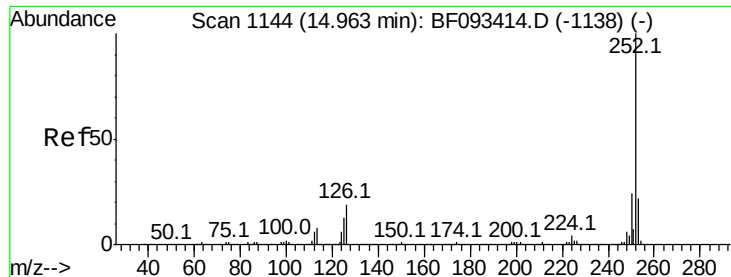
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	21.8	32.6
277	25.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.5	17.4	26.0

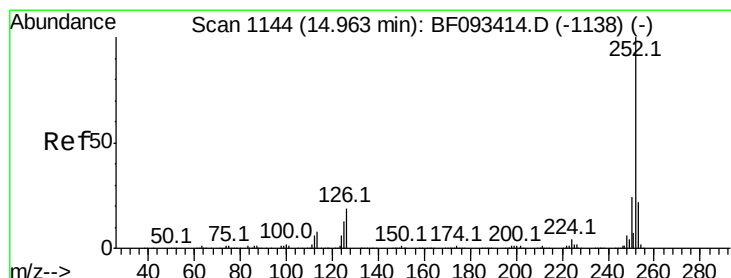
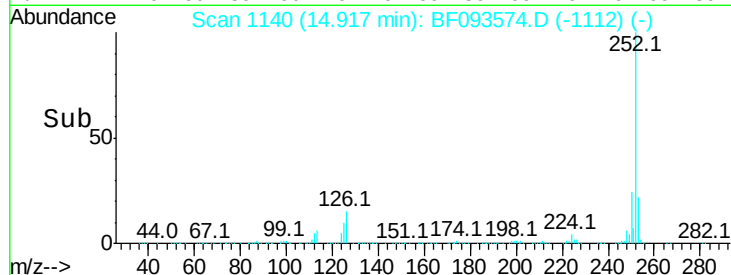
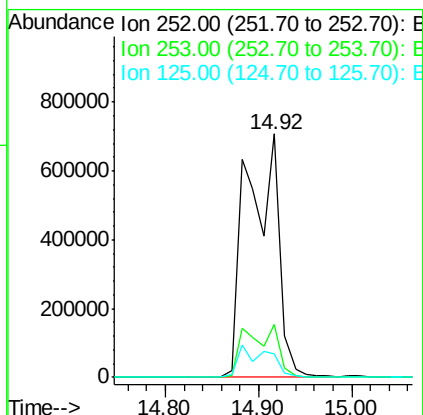
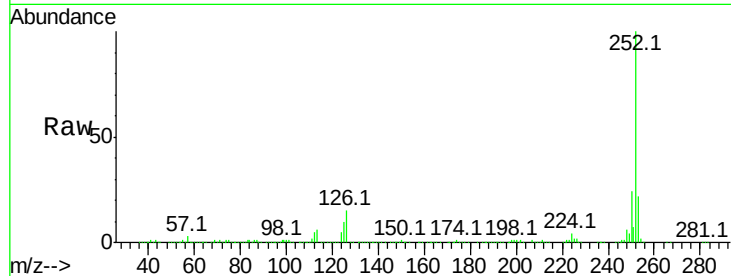




#87
Benzo(b)fluoranthene
Concen: 83.40 ng
RT: 14.92 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

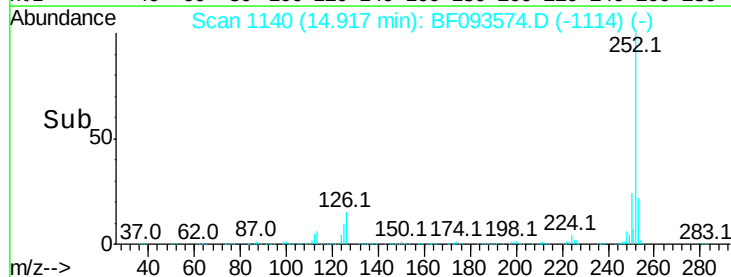
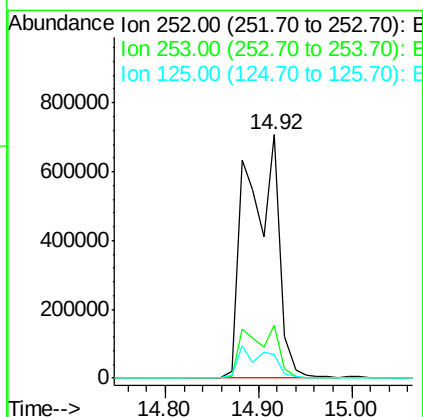
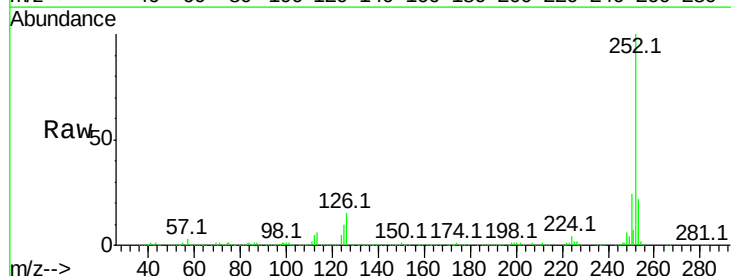
Instrument :
BNA_F
ClientSampleId :

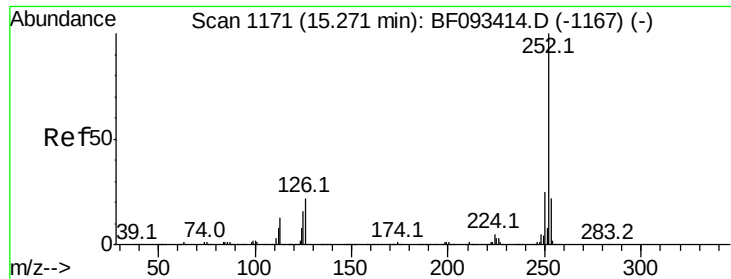
Tot Ion:252 Resp: 1704503
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 9.9 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 86.48 ng
RT: 14.92 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF093574.D
Acq: 11 Mar 2017 18:26

Tgt Ion:252 Resp: 1704503
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 9.9 8.9 13.3





#89

Benzo(a)pyrene

Concen: 43.64 ng

RT: 15.23 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

Instrument :

BNA_F

ClientSampleId :

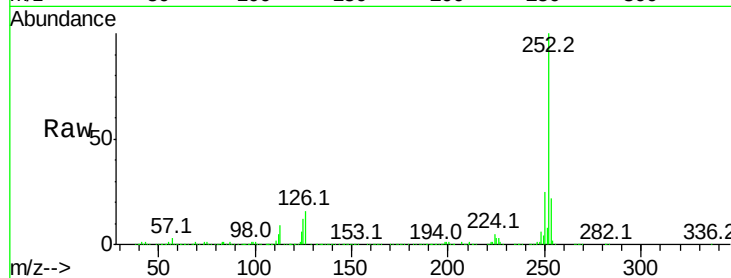
Tot Ion:252 Resp: 815053

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

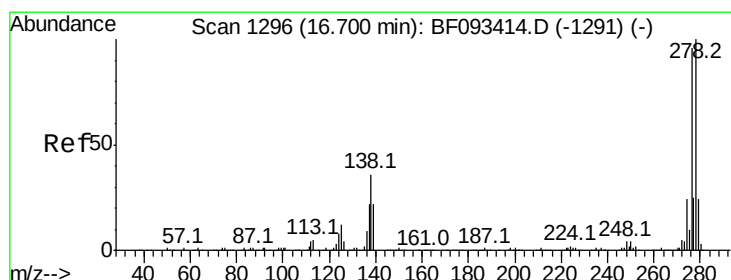
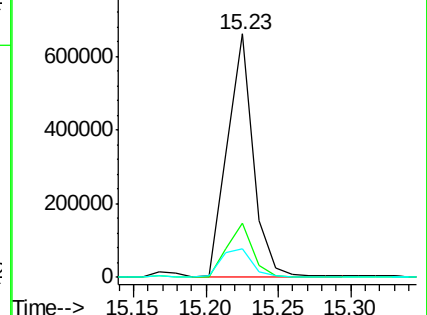
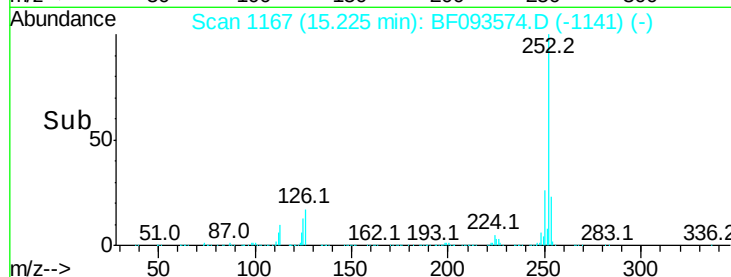
125 12.0 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.17 ng

RT: 16.62 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF093574.D

Acq: 11 Mar 2017 18:26

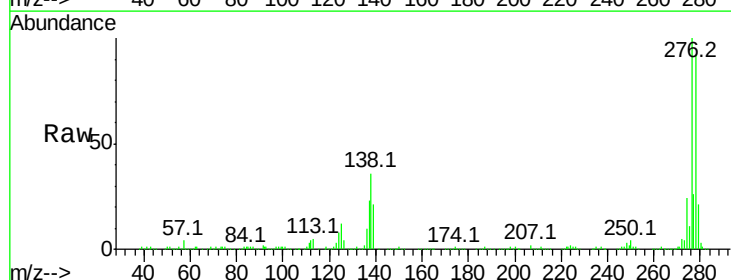
Tgt Ion:278 Resp: 744393

Ion Ratio Lower Upper

278 100

139 23.1 14.8 22.2#

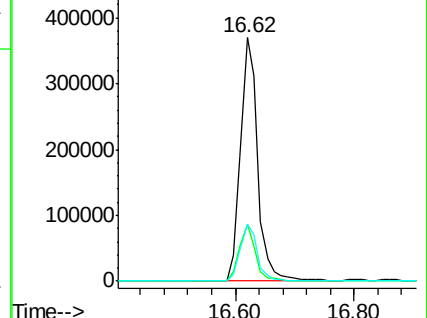
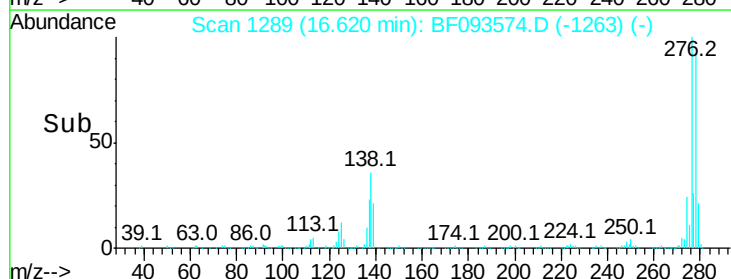
279 23.2 19.8 29.6

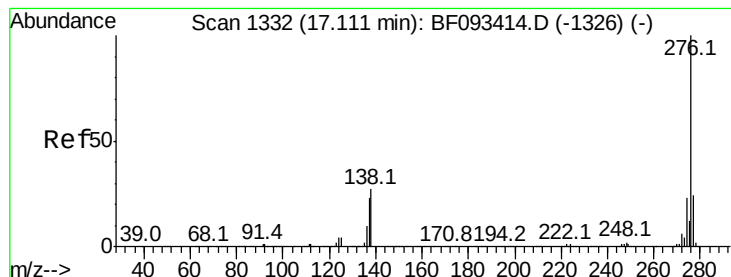


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

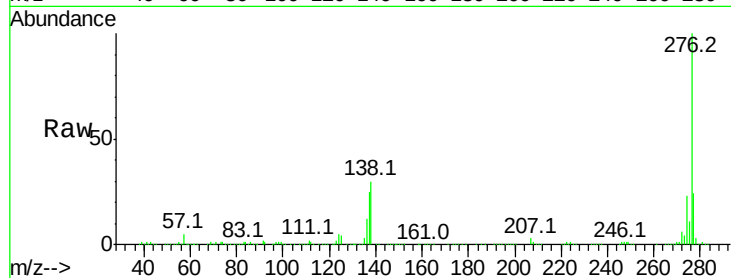




#91
 Benzo(a,h,i)perylene
 Concen: 49.95 ng
 RT: 17.02 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF093574.D
 Acq: 11 Mar 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	30.2	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

