

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093627.D
 Acq On : 14 Mar 2017 00:40
 Operator : SJ/MA
 Sample : PB97546BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

Quant Time: Mar 14 01:50:34 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	6.71	152	174525	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	735890	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	338097	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	617564	20.00	ng	0.00
75) Chrysene-d12	13.90	240	485715	20.00	ng	0.01
86) Perylene-d12	15.31	264	333515	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1527354	145.65	ng	0.00
7) Phenol-d6	6.38	99	1926949	145.72	ng	0.00
23) Nitrobenzene-d5	7.28	82	1244390	93.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	311401	141.37	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1863685	102.53	ng	0.00
78) Terphenyl-d14	12.84	244	1426994	76.38	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	243743	42.20	ng	# 83
3) Pyridine	2.95	79	463723	31.49	ng	86
4) n-Nitrosodimethylamine	2.92	42	345768	49.16	ng	# 76
6) Aniline	6.45	93	737783	40.65	ng	# 26
8) 2-Chlorophenol	6.49	128	540249	45.98	ng	83
9) Benzaldehyde	6.26	77	230880	24.56	ng	95
10) Phenol	6.39	94	760330	46.92	ng	# 69
11) bis(2-Chloroethyl)ether	6.45	93	737783	56.33	ng	93
12) 1,3-Dichlorobenzene	6.88	146	511114	38.01	ng	97
13) 1,4-Dichlorobenzene	6.72	146	611035	44.38	ng	98
14) 1,2-Dichlorobenzene	6.88	146	525864	43.13	ng	96
15) Benzyl Alcohol	6.88	79	444917	47.20	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	950142	43.67	ng	# 50
17) 2-Methylphenol	7.00	107	475328	47.83	ng	# 85
18) Hexachloroethane	7.21	117	213442	45.97	ng	100
19) n-Nitroso-di-n-propylamine	7.13	70	434703	47.82	ng	90
20) 3+4-Methylphenols	7.17	107	685315	53.17	ng	# 74
22) Acetophenone	7.13	105	785743	44.37	ng	# 97
24) Nitrobenzene	7.30	77	666867	44.74	ng	99
25) Isophorone	7.54	82	1132886	42.36	ng	# 93
26) 2-Nitrophenol	7.62	139	302184	44.43	ng	94
27) 2,4-Dimethylphenol	7.68	122	501484	45.33	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	755432	44.74	ng	99
29) 2,4-Dichlorophenol	7.89	162	498507	47.90	ng	88
30) 1,2,4-Trichlorobenzene	7.94	180	475397	42.95	ng	96
31) Naphthalene	8.02	128	1527679	41.43	ng	98
32) Benzoic acid	7.85	122	293915	51.12	ng	93
33) 4-Chloroaniline	8.21	127	64481	4.31	ng	97
34) Hexachlorobutadiene	8.13	225	244125	42.82	ng	97
35) Caprolactam	8.48	113	108839	30.62	ng	# 25
36) 4-Chloro-3-methylphenol	8.61	107	502830	45.26	ng	97
37) 2-Methylnaphthalene	8.72	142	1007795	42.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	437280	47.36	ng	# 98
40) Hexachlorocyclopentadiene	8.87	237	247628	102.33	ng	99

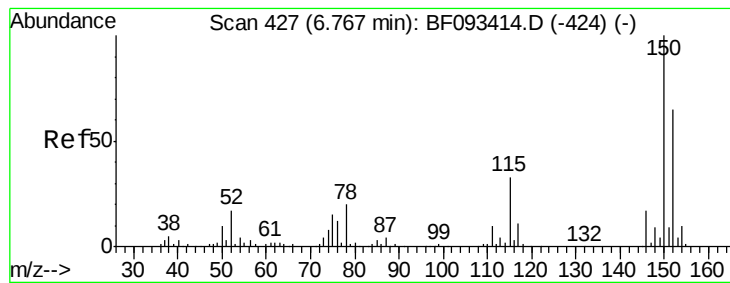
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	298521	51.75	ng	93
43) 2,4,5-Trichlorophenol	9.08	196	262952	42.49	ng #	91
45) 1,1'-Biphenyl	9.18	154	1188281	48.25	ng	96
46) 2-Chloronaphthalene	9.21	162	989071	52.46	ng	98
47) 2-Nitroaniline	9.33	65	363886	54.60	ng	99
48) Acenaphthylene	9.62	152	1512481	48.64	ng	99
49) Dimethylphthalate	9.50	163	1175591	52.45	ng	100
50) 2,6-Dinitrotoluene	9.57	165	231377	47.04	ng #	56
51) Acenaphthene	9.80	154	905412	49.24	ng	96
52) 3-Nitroaniline	9.75	138	106274	17.99	ng #	95
53) 2,4-Dinitrophenol	9.88	184	218571	97.58	ng #	69
54) Dibenzofuran	9.97	168	1220115	53.02	ng	97
55) 4-Nitrophenol	9.97	139	778020	271.09	ng #	13
56) 2,4-Dinitrotoluene	9.98	165	324612	53.72	ng #	69
57) Fluorene	10.31	166	927008	47.54	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	248731	56.94	ng	92
59) Diethylphthalate	10.20	149	1123934	52.47	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	435683	49.84	ng	97
61) 4-Nitroaniline	10.37	138	228341	37.79	ng	97
62) Azobenzene	10.46	77	1387597	57.00	ng	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	158126	39.52	ng #	79
65) n-Nitrosodiphenylamine	10.44	169	857412	41.58	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	256056	39.21	ng	94
67) Hexachlorobenzene	10.86	284	258942	41.52	ng #	74
68) Atrazine	10.96	200	220208	36.48	ng	98
69) Pentachlorophenol	11.08	266	146272	67.94	ng	97
70) Phenanthrene	11.27	178	1481048	42.01	ng	99
71) Anthracene	11.33	178	1443878	40.49	ng	99
72) Carbazole	11.50	167	1384887	41.34	ng	98
73) Di-n-butylphthalate	11.82	149	1796962	46.37	ng #	97
74) Fluoranthene	12.47	202	1515507	44.51	ng	94
76) Benzidine	12.63	184	47672	2.98	ng	95
77) Pyrene	12.70	202	1512554	42.82	ng	99
79) Butylbenzylphthalate	13.32	149	756813	50.89	ng #	80
80) Benzo(a)anthracene	13.89	228	1132045	39.47	ng	99
81) 3,3'-Dichlorobenzidine	13.85	252	230220	22.92	ng #	97
82) Chrysene	13.92	228	1040777	39.22	ng	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	999543	48.22	ng #	98
84) Di-n-octyl phthalate	14.48	149	1660212	48.06	ng	95
85) Indeno(1,2,3-cd)pyrene	16.67	276	814410	36.66	ng #	93
87) Benzo(b)fluoranthene	14.94	252	1906357	93.85	ng	98
88) Benzo(k)fluoranthene	14.94	252	1907135	97.36	ng	99
89) Benzo(a)pyrene	15.25	252	859060	46.28	ng	97
90) Dibenzo(a,h)anthracene	16.67	278	692636	45.10	ng	97
91) Benzo(g,h,i)perylene	17.07	276	704886	44.72	ng #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

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PB97546BS

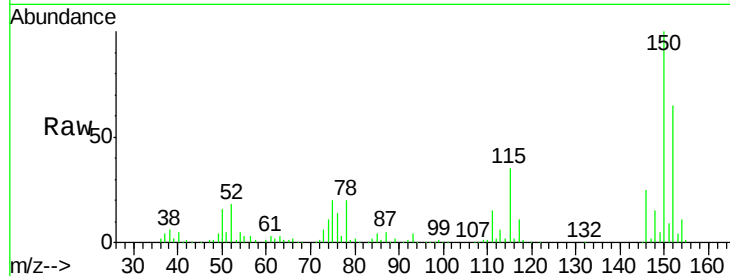
Tgt Ion:152 Resp: 174525

Ion Ratio Lower Upper

152 100

150 153.0 124.9 187.3

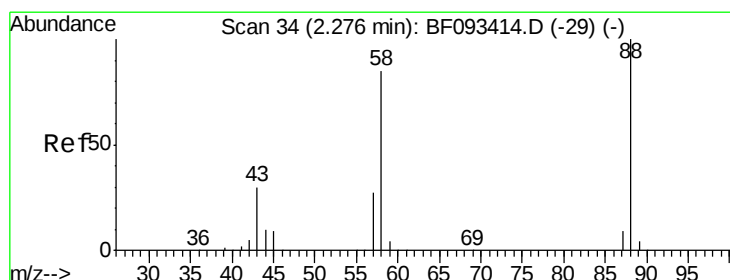
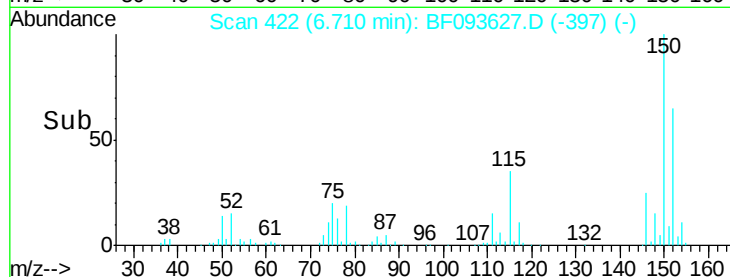
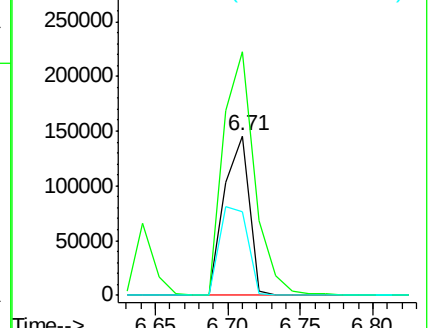
115 52.9 46.0 69.0



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: 42.20 ng

RT: 2.28 min Scan# 34

Delta R.T. 0.09 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

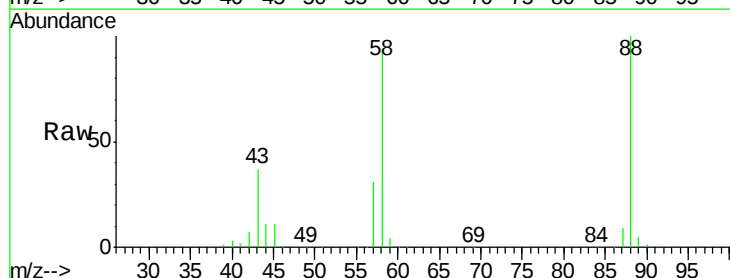
Tgt Ion: 88 Resp: 243743

Ion Ratio Lower Upper

88 100

58 89.4 57.8 86.8#

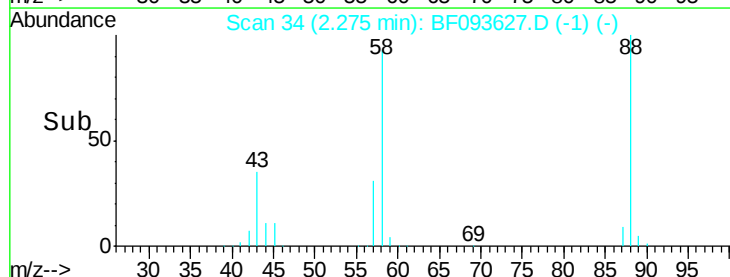
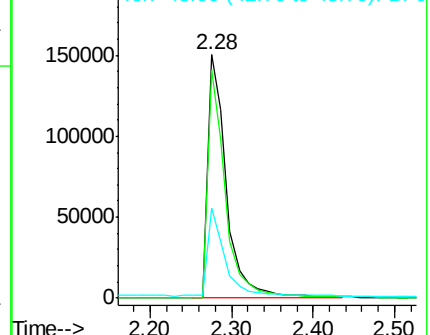
43 32.6 22.3 33.5

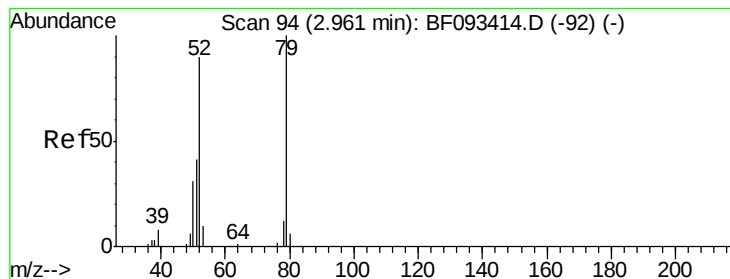


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.49 ng

RT: 2.95 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

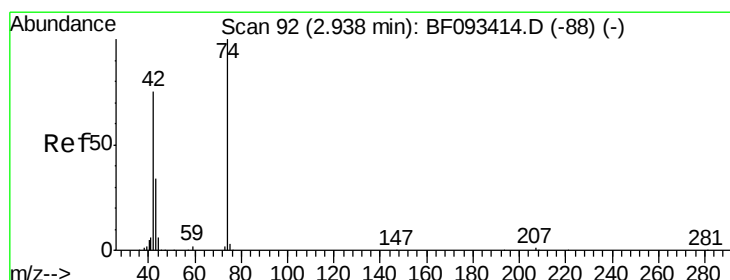
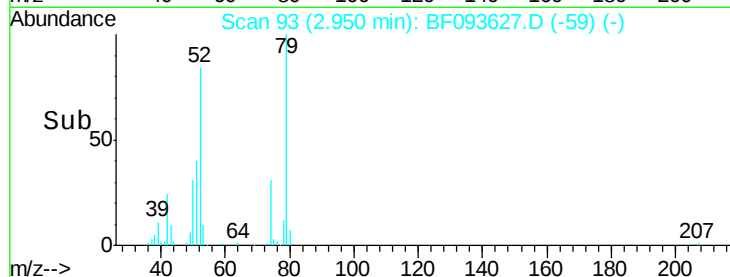
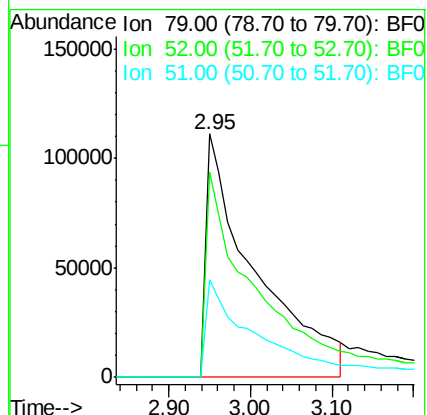
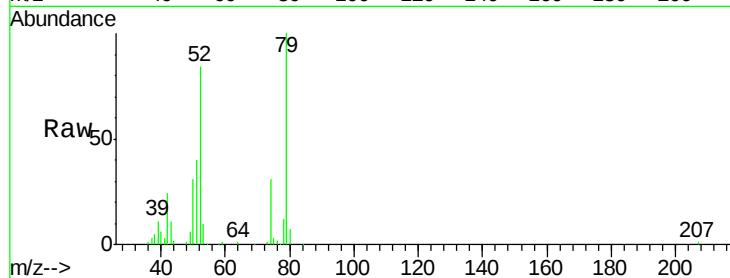
Tgt Ion: 79 Resp: 463723

Ion Ratio Lower Upper

79 100

52 84.2 57.1 85.7

51 40.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 49.16 ng

RT: 2.92 min Scan# 90

Delta R.T. 0.08 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

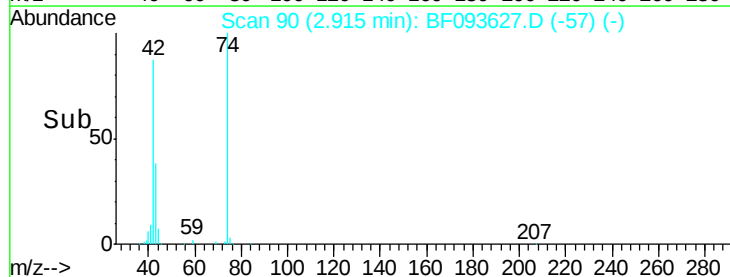
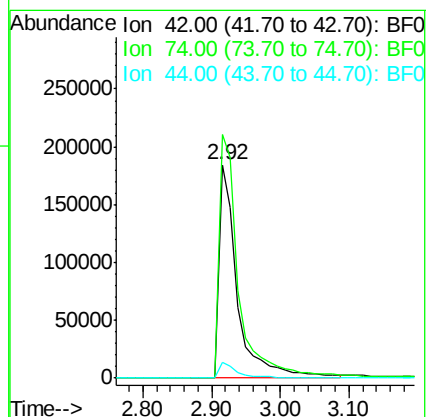
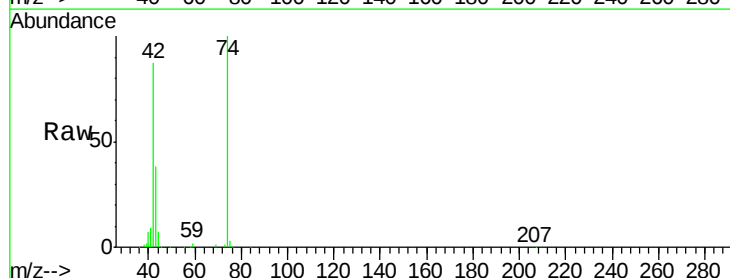
Tgt Ion: 42 Resp: 345768

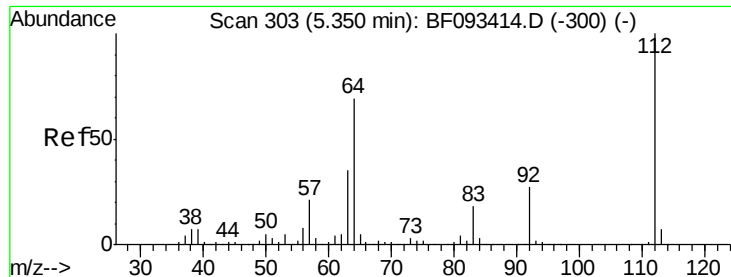
Ion Ratio Lower Upper

42 100

74 114.4 117.0 175.4#

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 145.65 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

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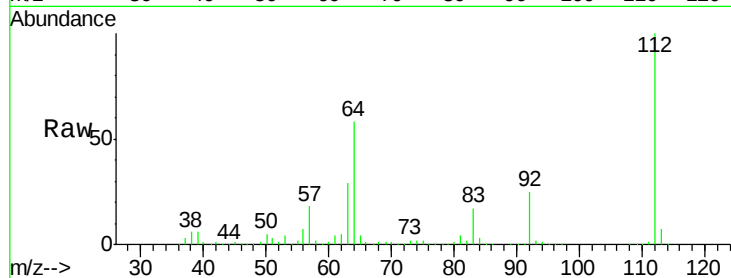
Tgt Ion: 112 Resp: 1527354

Ion Ratio Lower Upper

112 100

64 57.9 46.1 69.1

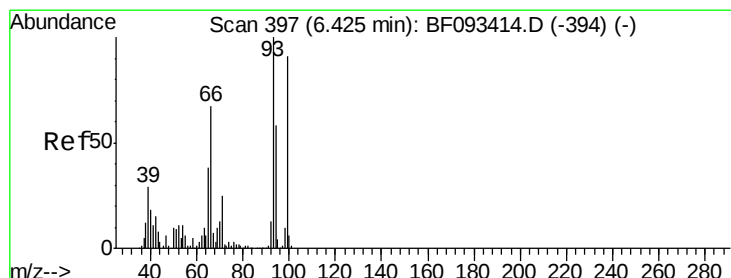
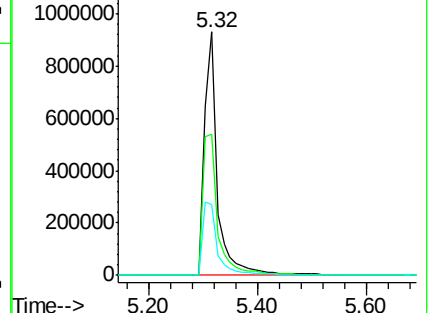
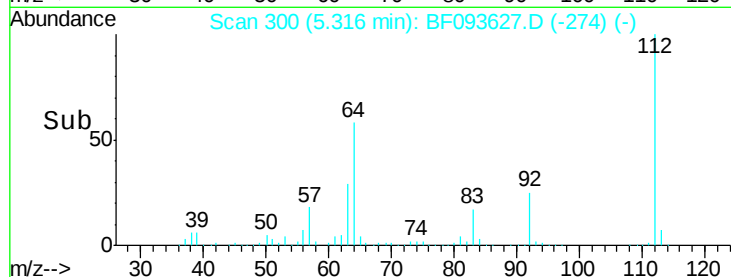
63 28.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.65 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.06 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

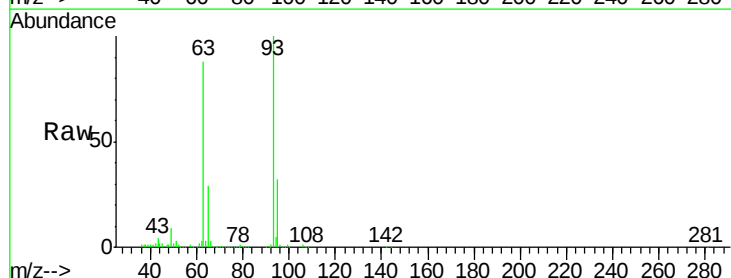
Tgt Ion: 93 Resp: 737783

Ion Ratio Lower Upper

93 100

66 3.1 76.2 114.2#

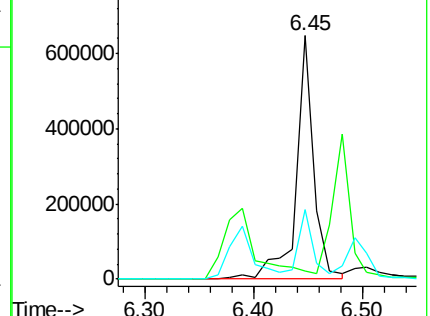
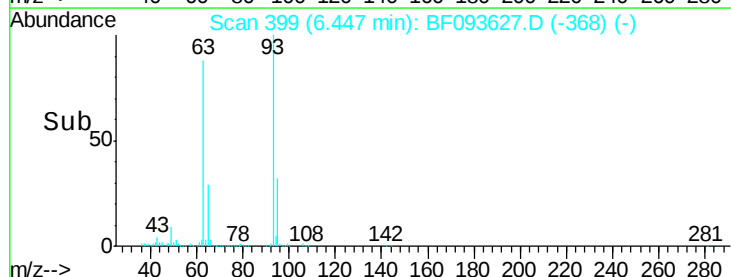
65 28.6 49.3 73.9#

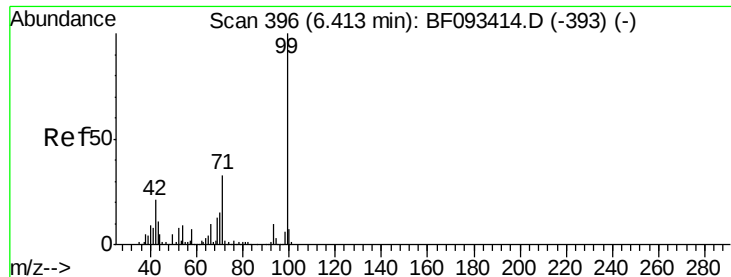


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 145.72 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093627.D

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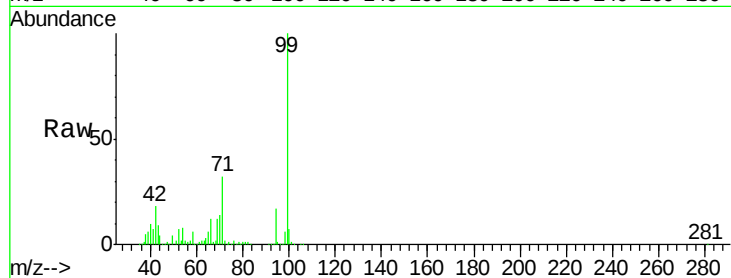
Tgt Ion: 99 Resp: 1926949

Ion Ratio Lower Upper

99 100

42 17.8 15.6 23.4

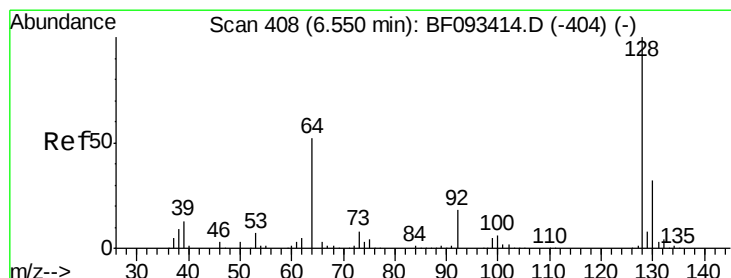
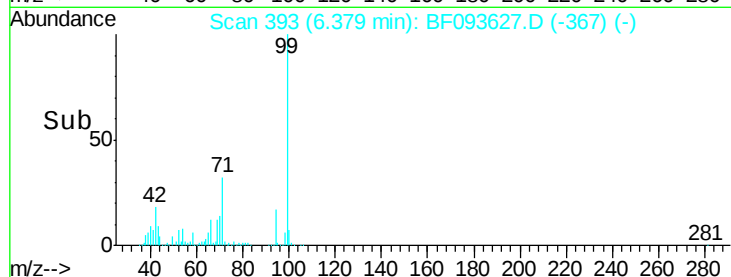
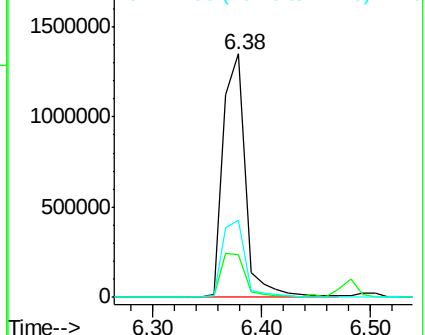
71 31.6 27.5 41.3



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: 45.98 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

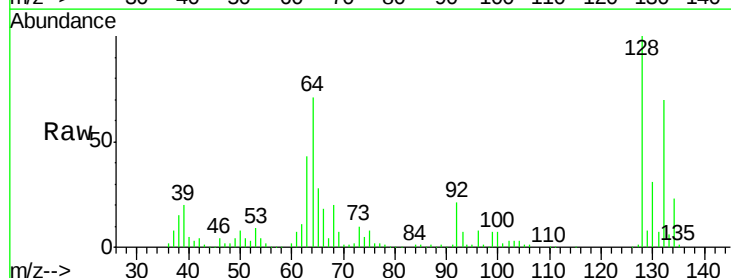
Tgt Ion: 128 Resp: 540249

Ion Ratio Lower Upper

128 100

130 31.3 12.3 52.3

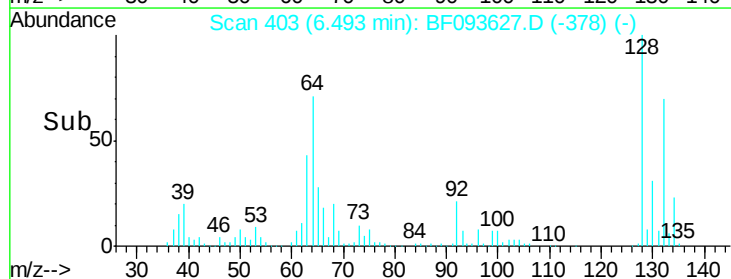
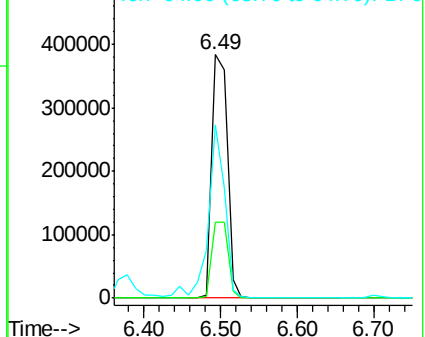
64 71.1 32.2 72.2

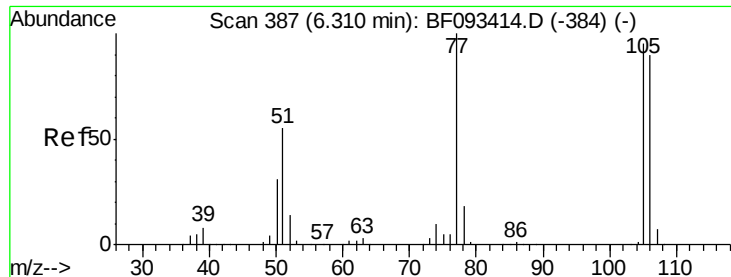


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.56 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093627.D

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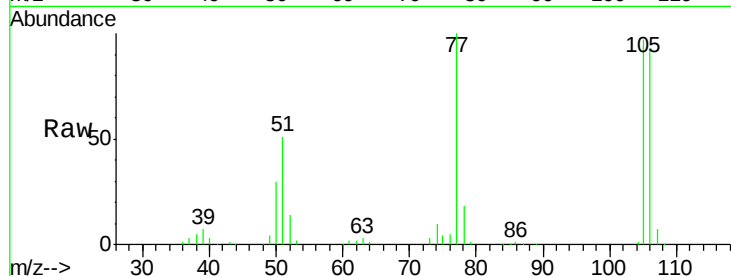
Tgt Ion: 77 Resp: 230880

Ion Ratio Lower Upper

77 100

105 97.5 83.9 123.9

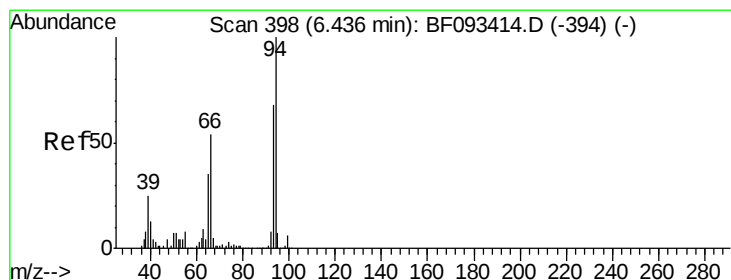
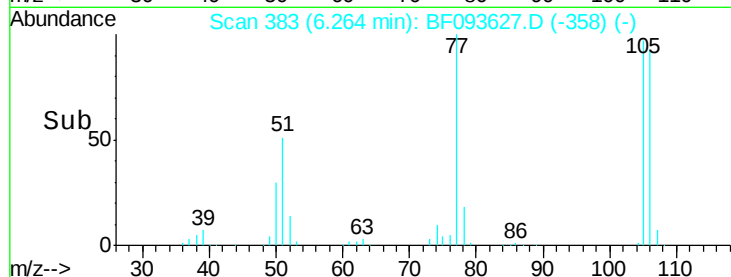
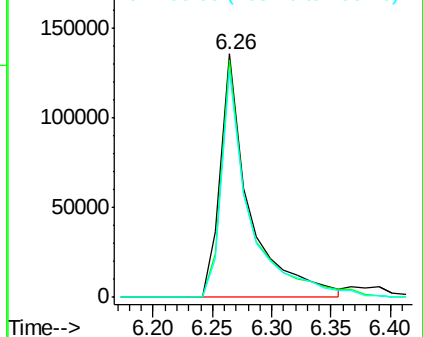
106 93.1 77.6 117.6



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: 46.92 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

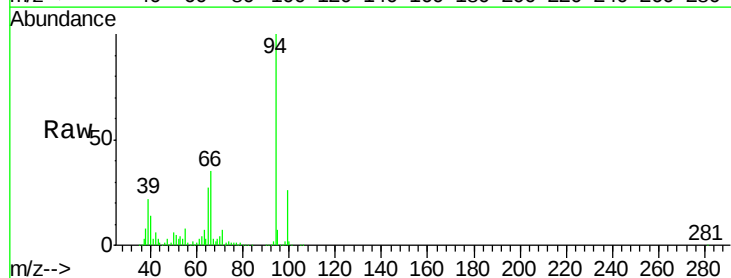
Tgt Ion: 94 Resp: 760330

Ion Ratio Lower Upper

94 100

65 26.7 21.4 61.4

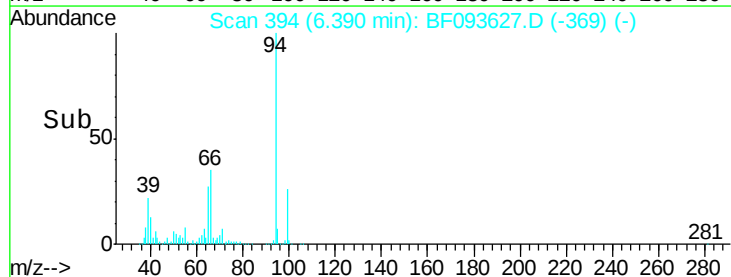
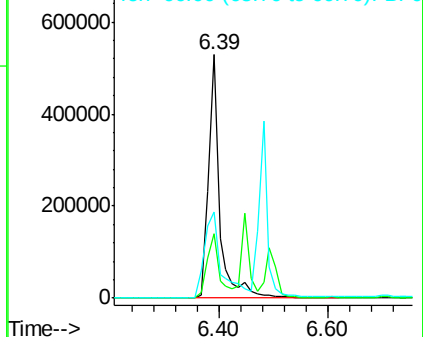
66 35.4 44.0 84.0#

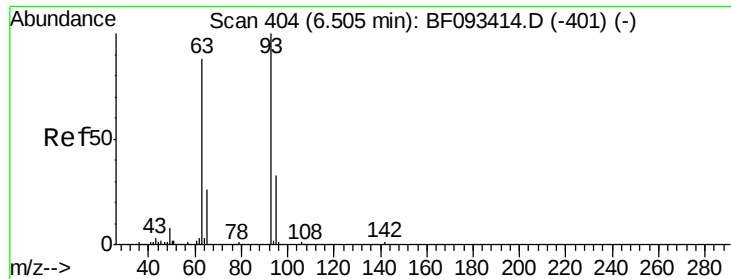


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 56.33 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

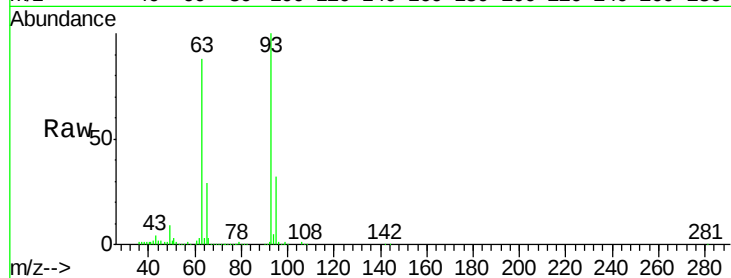
Tgt Ion: 93 Resp: 737783

Ion Ratio Lower Upper

93 100

63 88.0 60.4 100.4

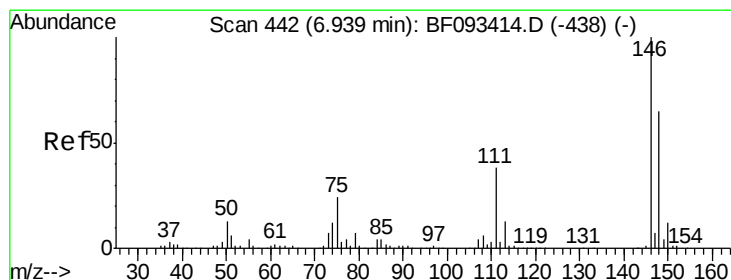
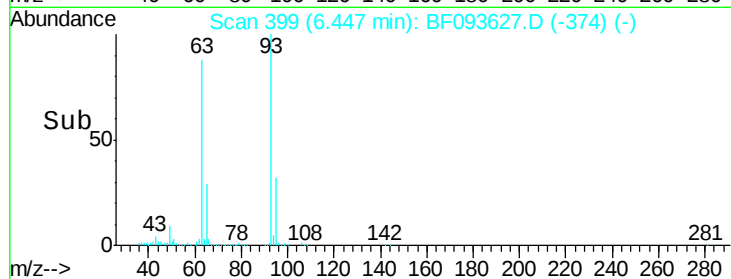
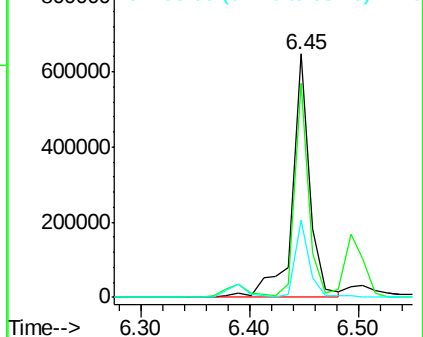
95 31.6 12.8 52.8



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: 38.01 ng

RT: 6.88 min Scan# 437

Delta R.T. 0.23 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

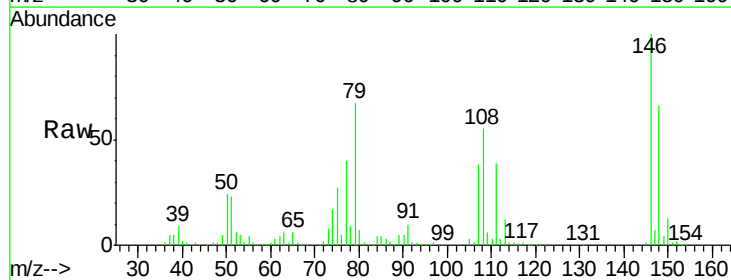
Tgt Ion: 146 Resp: 511114

Ion Ratio Lower Upper

146 100

148 65.7 53.4 80.0

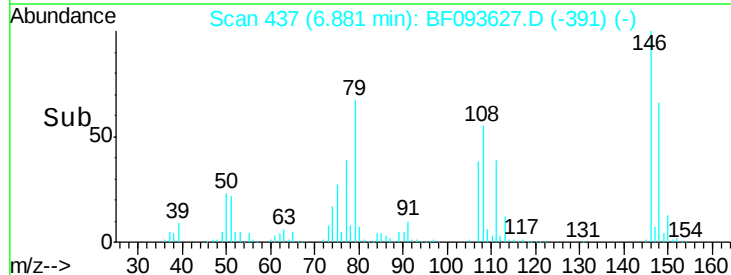
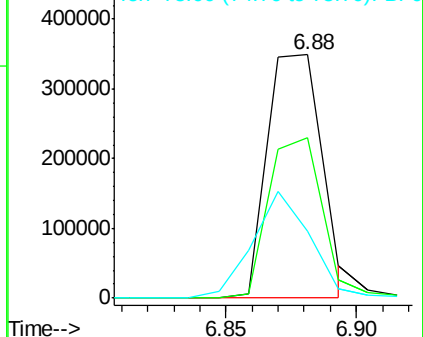
75 27.4 18.5 27.7

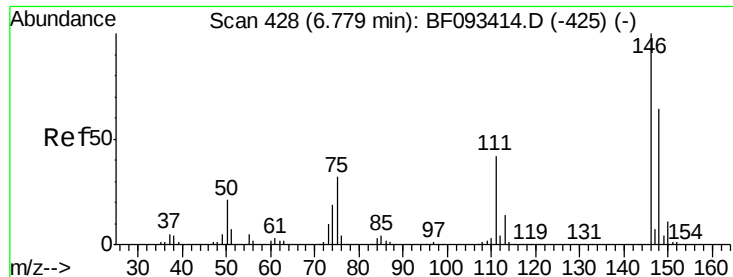


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

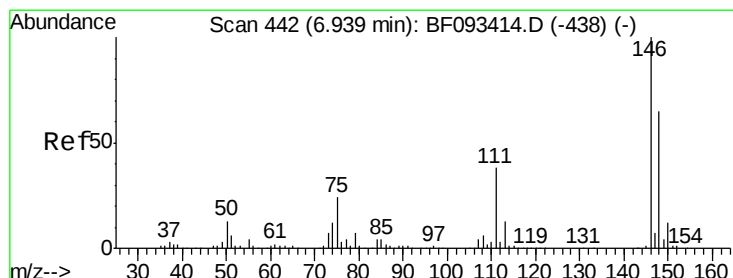
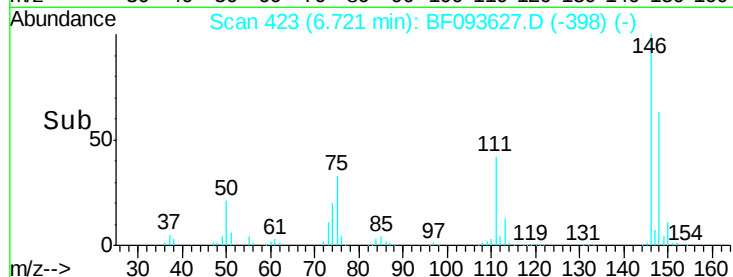
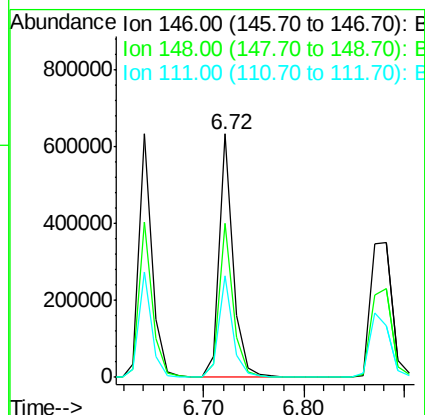
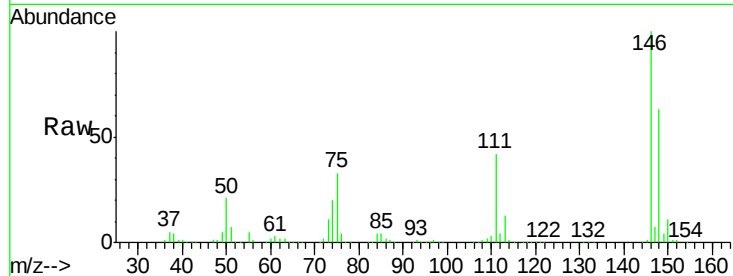




#13
 1,4-Dichlorobenzene
 Concen: 44.38 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

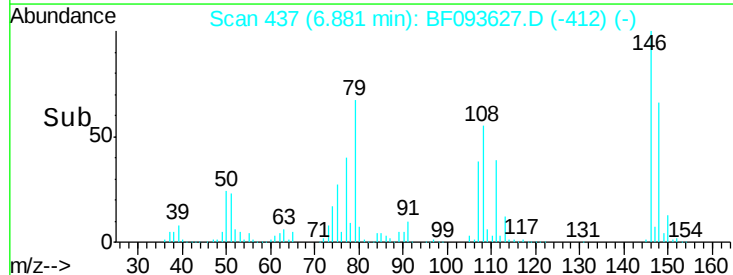
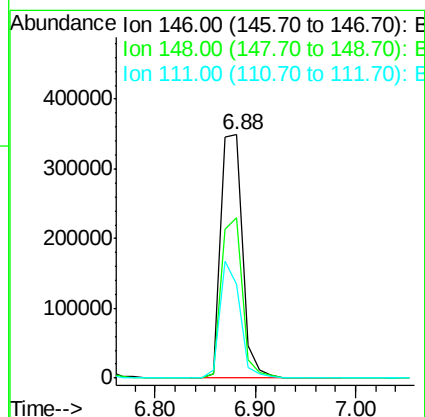
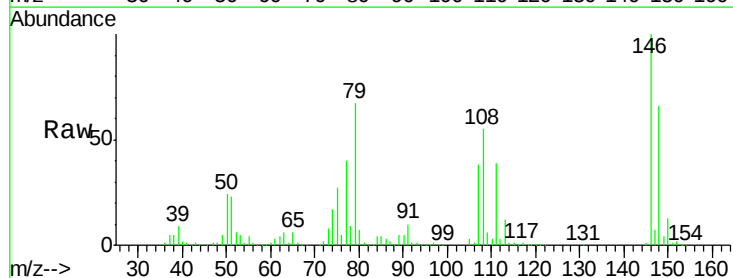
Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

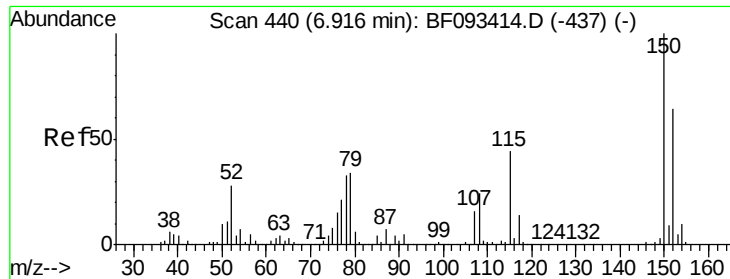
Tgt Ion:146 Resp: 611035
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 41.8 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 43.13 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion:146 Resp: 525864
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.2 78.2
 111 38.8 36.2 54.2

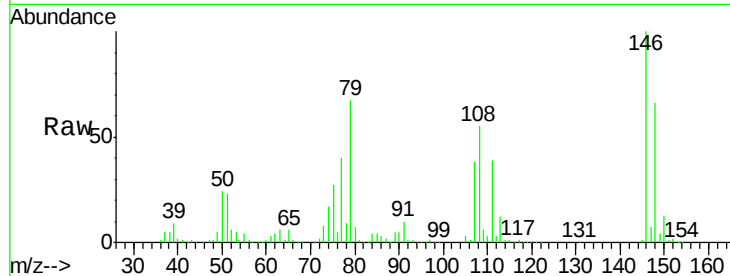




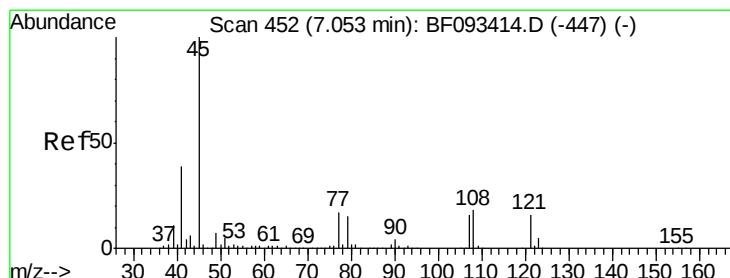
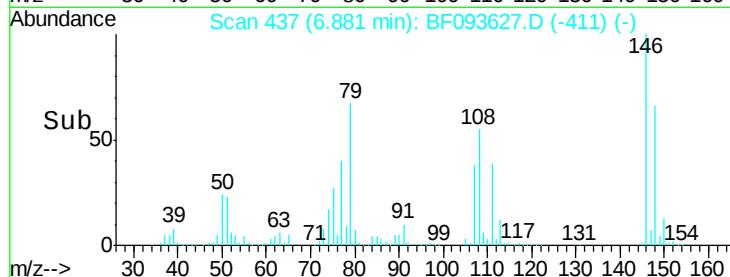
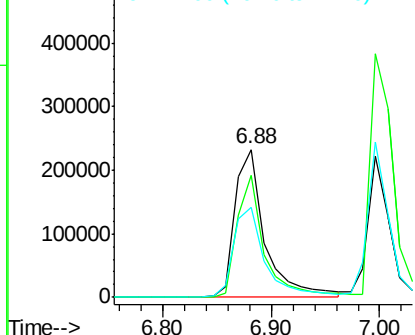
#15
Benzyl Alcohol
Concen: 47.20 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tgt Ion: 79 Resp: 444917
Ion Ratio Lower Upper
79 100
108 82.3 61.4 92.0
77 60.7 50.9 76.3

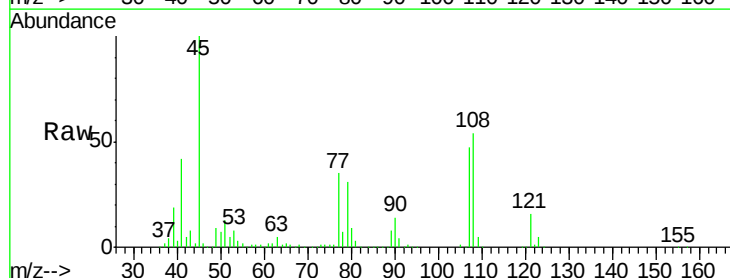


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

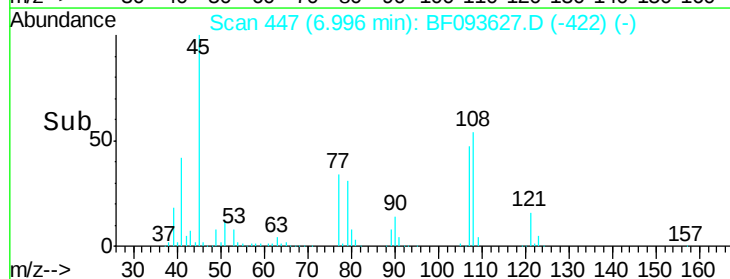
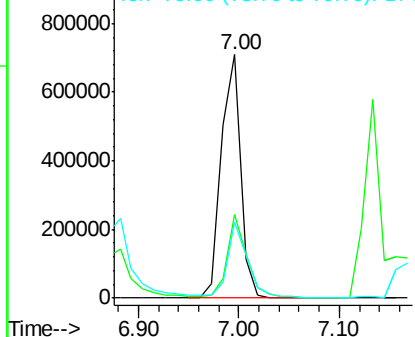


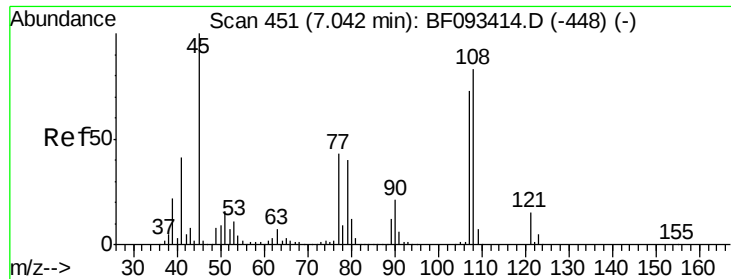
#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.67 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion: 45 Resp: 950142
Ion Ratio Lower Upper
45 100
77 34.5 0.0 34.6
79 31.4 0.0 31.2#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

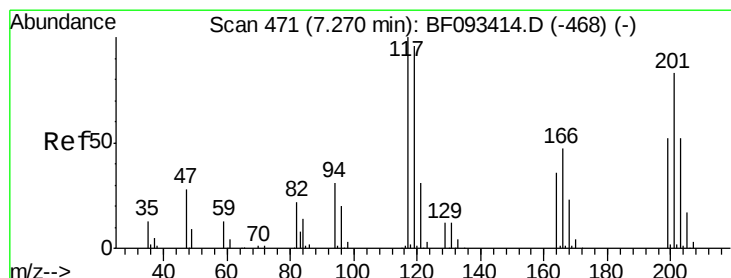
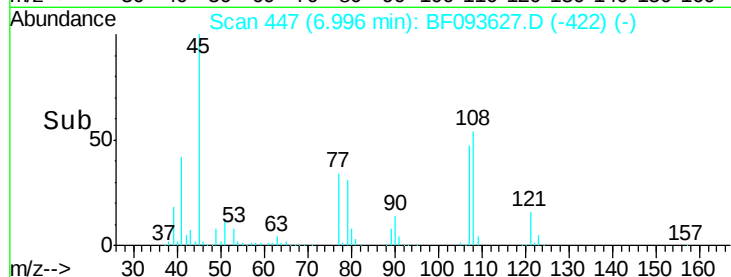
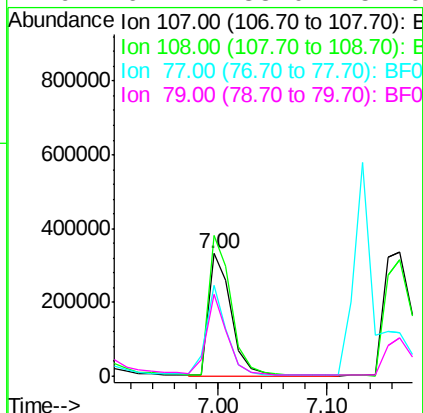
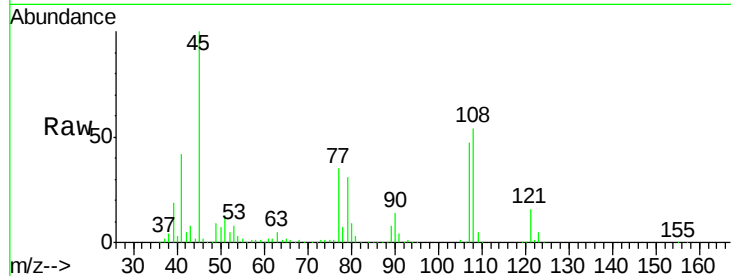




#17
2-Methylphenol
Concen: 47.83 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

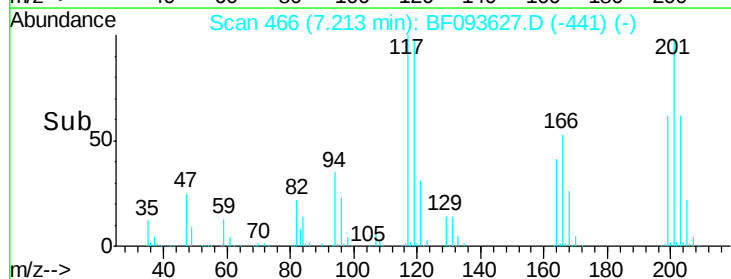
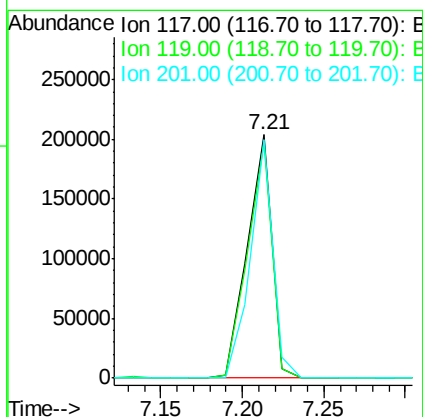
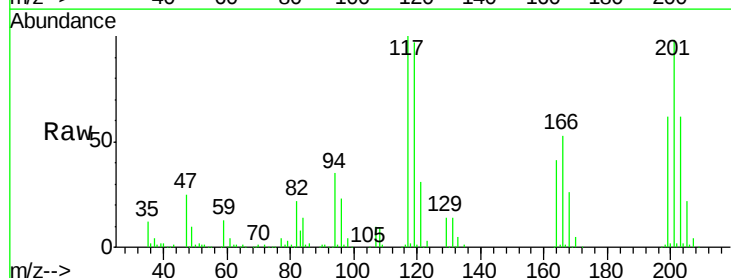
Instrument :
BNA_F
ClientSampleId :
PB97546BS

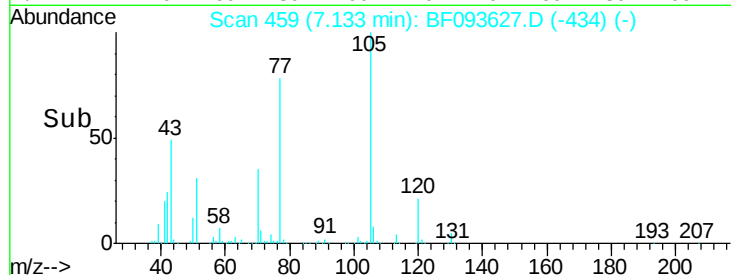
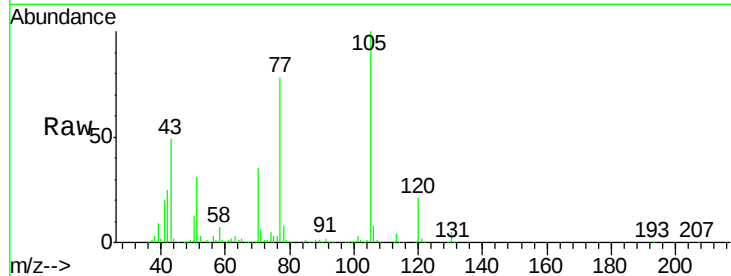
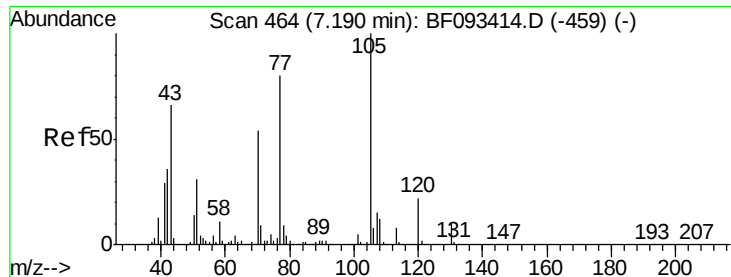
Tgt Ion:107 Resp: 475328
Ion Ratio Lower Upper
107 100
108 115.5 93.0 139.6
77 73.9 39.8 59.8#
79 67.1 38.0 57.0#



#18
Hexachloroethane
Concen: 45.97 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion:117 Resp: 213442
Ion Ratio Lower Upper
117 100
119 97.0 78.1 117.1
201 98.1 78.6 117.8

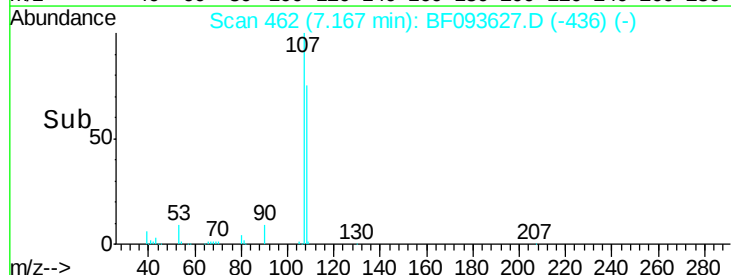
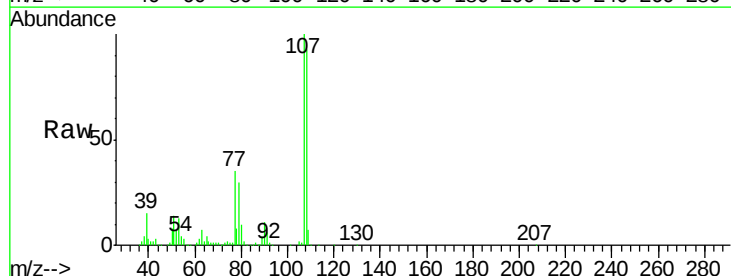
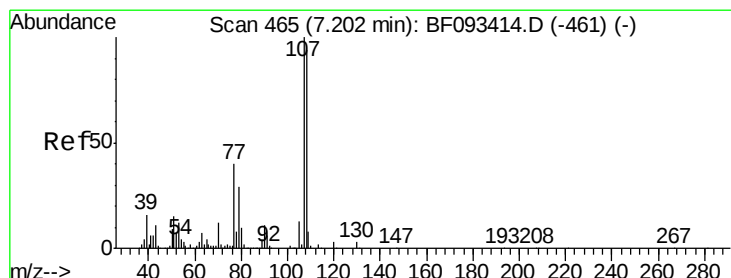
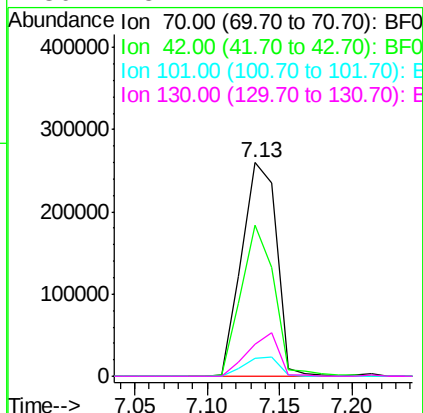




#19
n-Nitroso-di-n-propylamine
Concen: 47.82 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

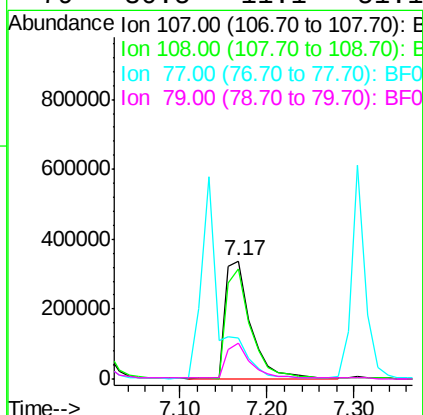
Instrument :
BNA_F
ClientSampleId :
PB97546BS

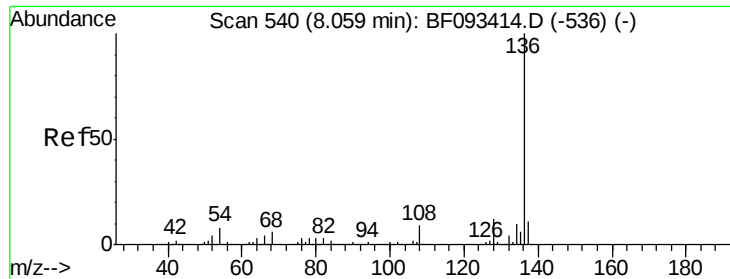
Tgt Ion:	70	Resp:	434703
Ion	Ratio	Lower	Upper
70	100		
42	70.9	49.4	74.0
101	8.5	7.4	11.2
130	15.1	14.2	21.4



#20
3+4-Methylphenols
Concen: 53.17 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion:	107	Resp:	685315
Ion	Ratio	Lower	Upper
107	100		
108	93.5	73.0	113.0
77	34.9	71.3	111.3#
79	30.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

Tgt Ion:136 Resp: 735890

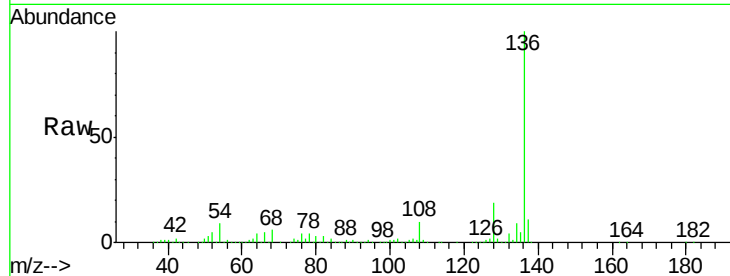
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.6 4.5 6.7#

68 6.2 3.6 5.4#

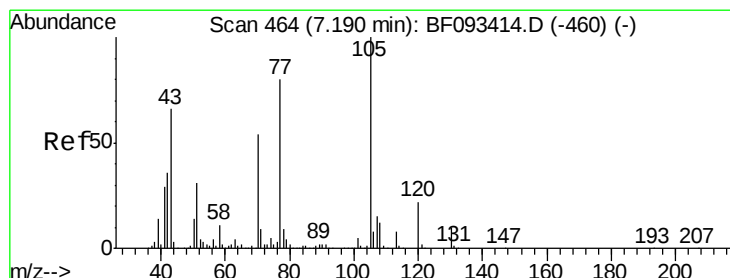
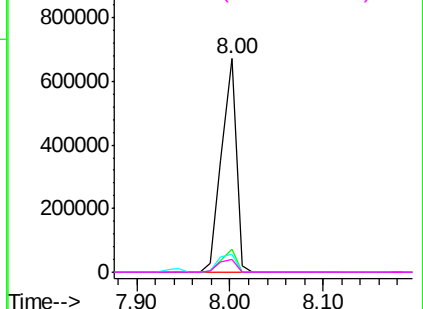
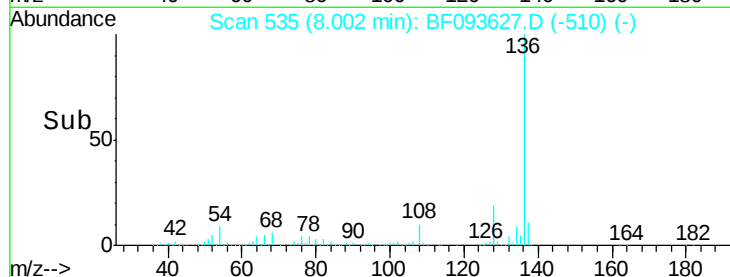


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.37 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tgt Ion:105 Resp: 785743

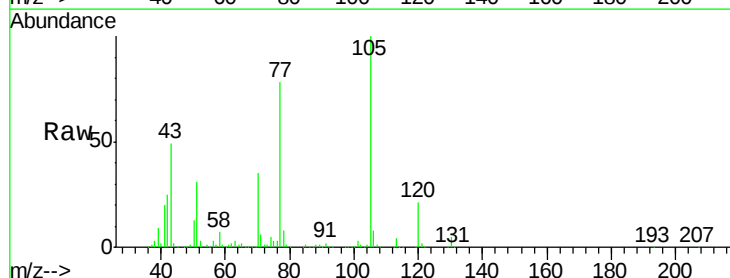
Ion Ratio Lower Upper

105 100

71 5.8 3.2 4.8#

51 30.8 26.2 39.4

120 21.2 16.6 24.8

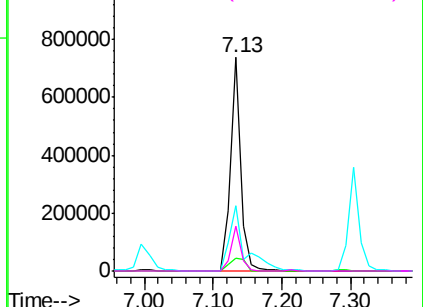
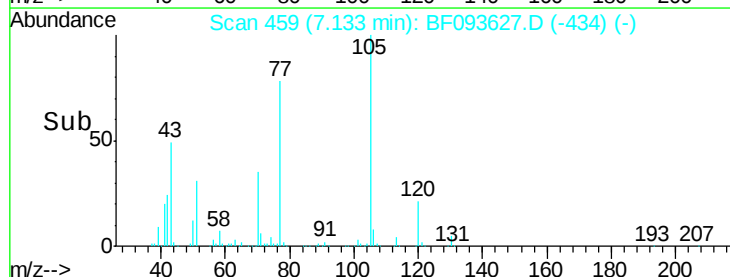


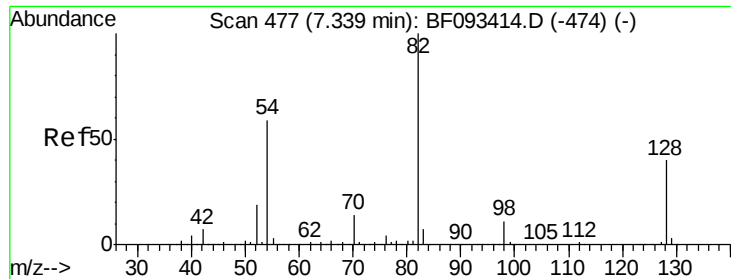
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

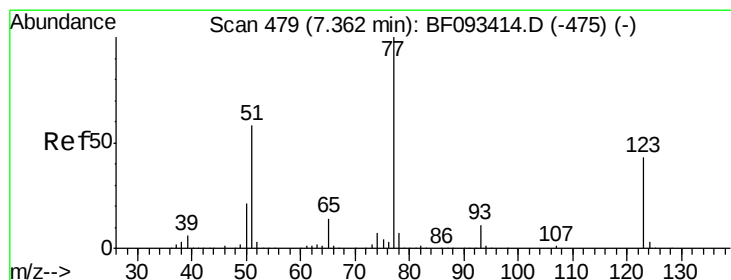
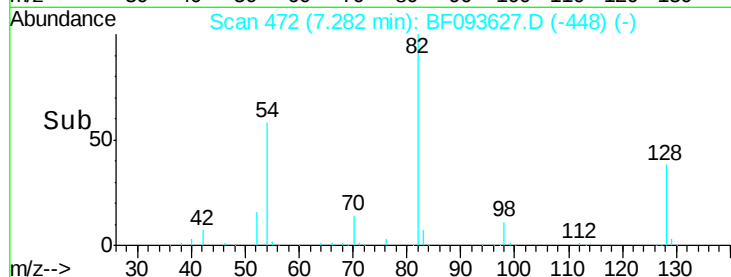
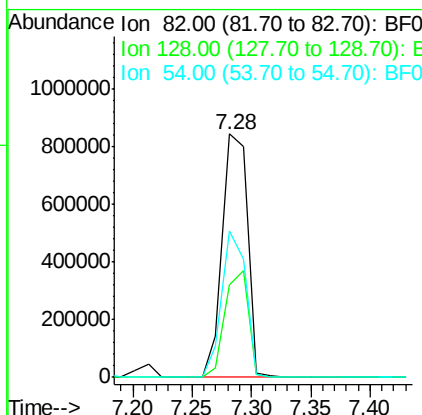
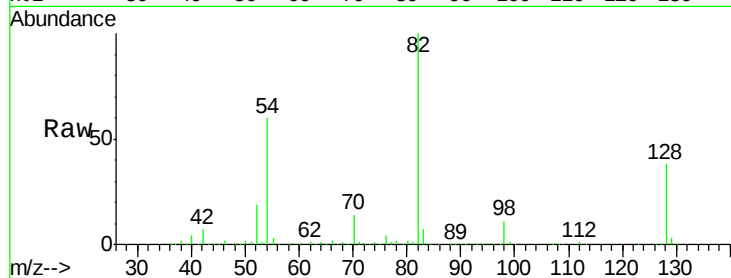




#23
 Nitrobenzene-d5
 Concen: 93.82 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

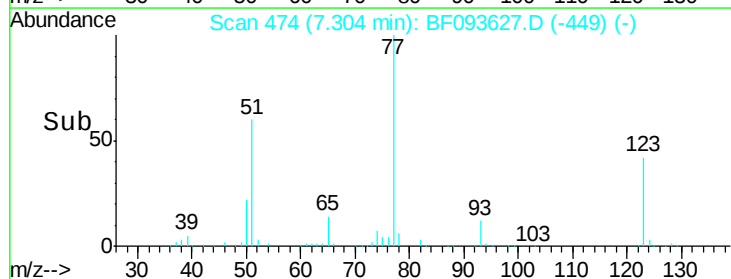
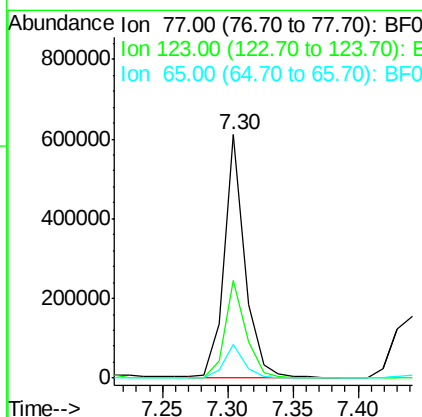
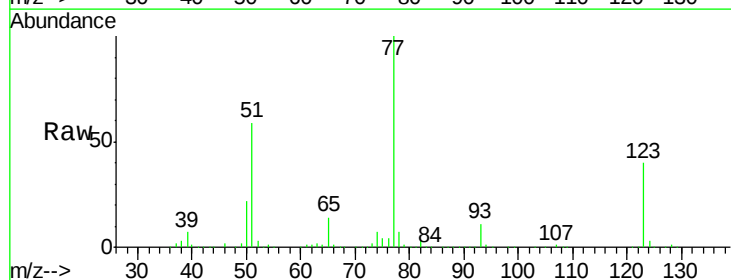
Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

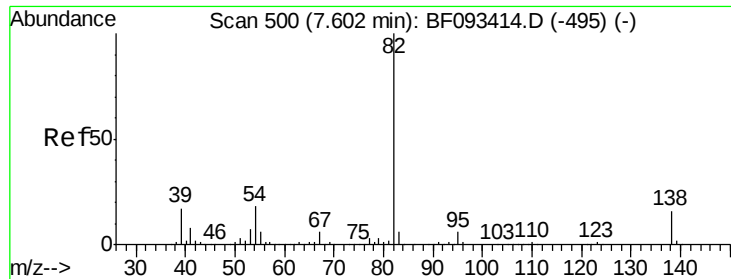
Tgt Ion: 82 Resp: 1244390
 Ion Ratio Lower Upper
 82 100
 128 38.1 34.6 52.0
 54 59.8 39.5 59.3#



#24
 Nitrobenzene
 Concen: 44.74 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion: 77 Resp: 666867
 Ion Ratio Lower Upper
 77 100
 123 40.3 33.0 49.4
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 42.36 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampled :

PB97546BS

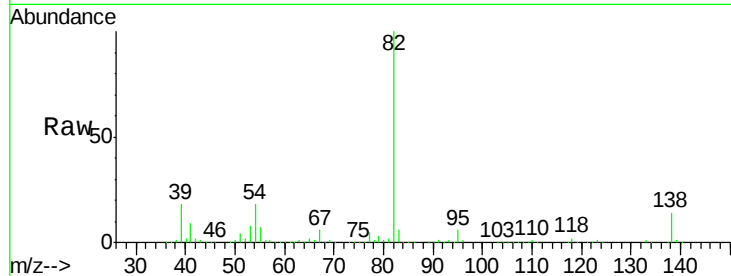
Tgt Ion: 82 Resp: 1132886

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

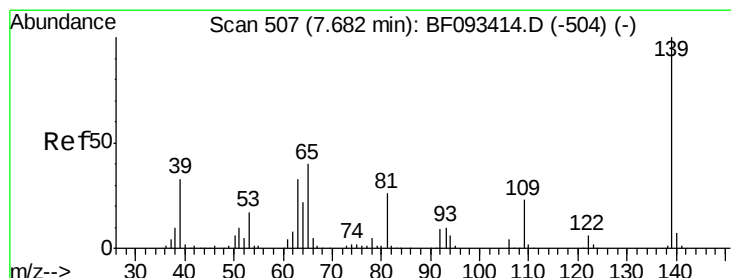
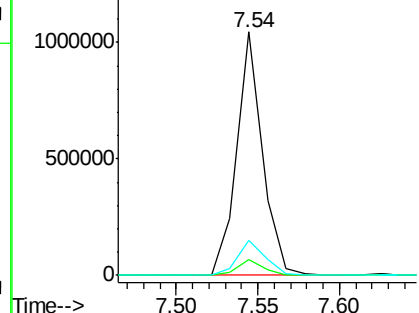
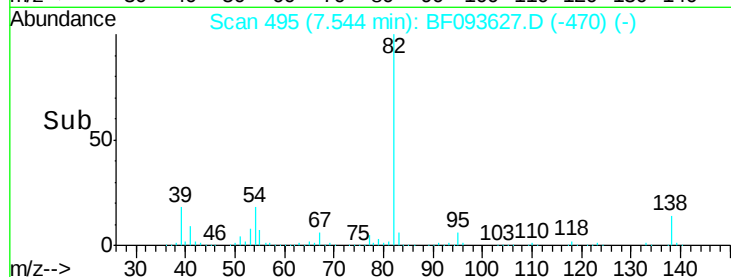
138 14.4 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.43 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

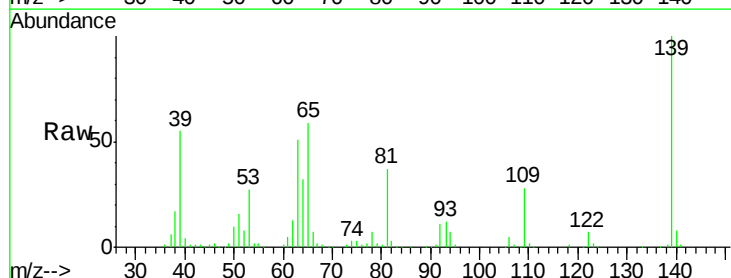
Tgt Ion: 139 Resp: 302184

Ion Ratio Lower Upper

139 100

109 27.8 23.3 34.9

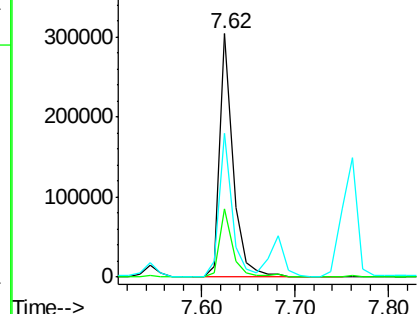
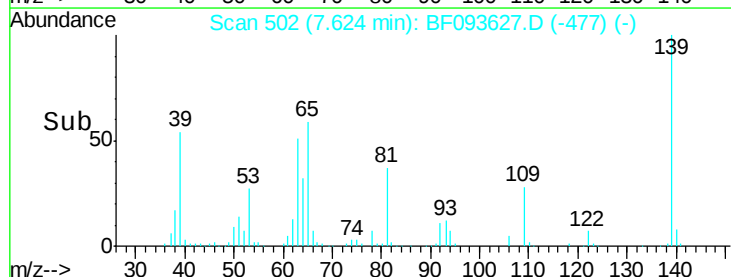
65 59.2 42.7 64.1

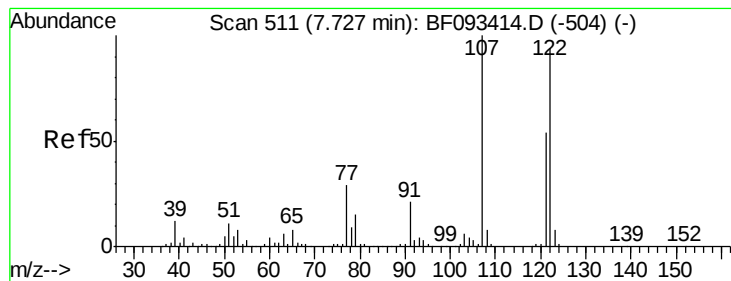


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.33 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

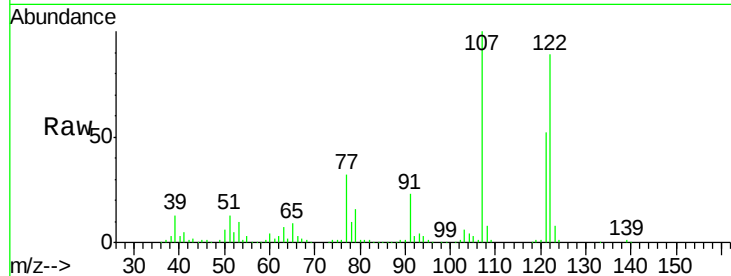
Tgt Ion: 122 Resp: 501484

Ion Ratio Lower Upper

122 100

107 112.6 94.1 141.1

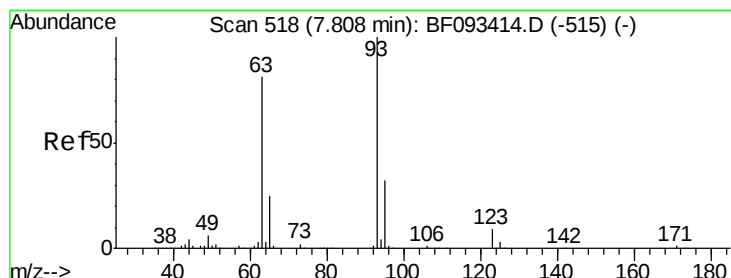
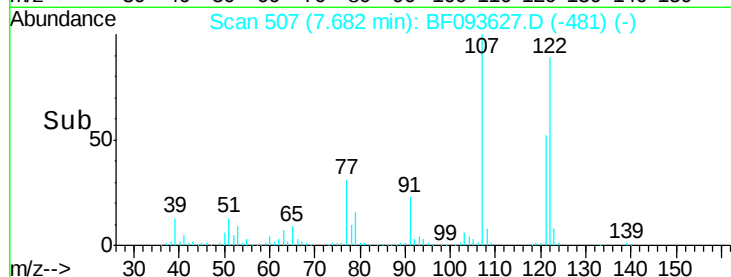
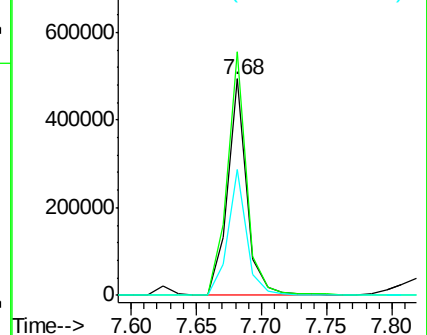
121 58.3 46.0 69.0



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: 44.74 ng

RT: 7.76 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

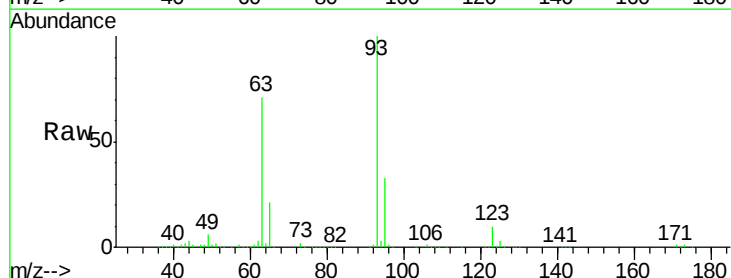
Tgt Ion: 93 Resp: 755432

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

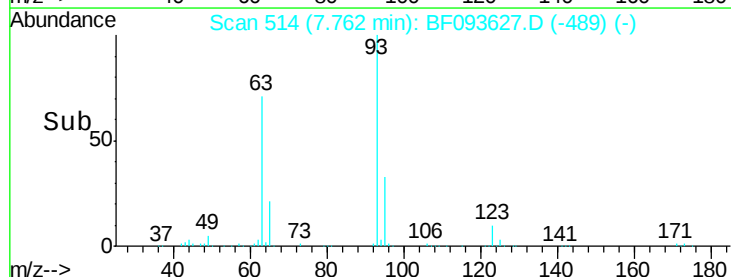
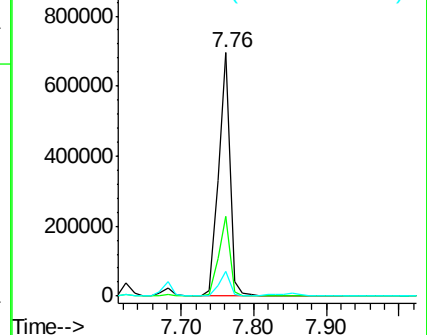
123 10.4 8.6 13.0

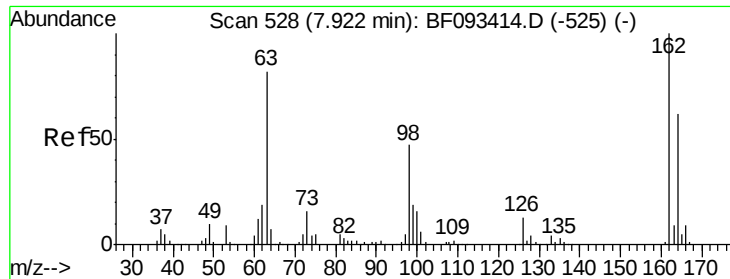


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

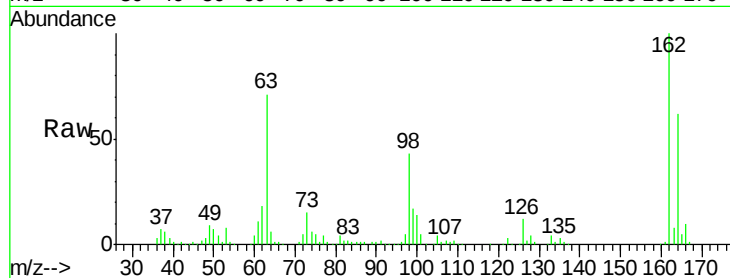




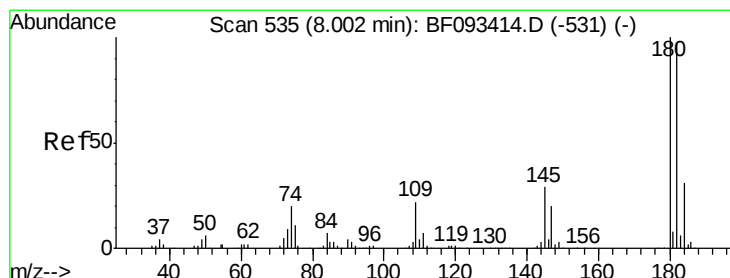
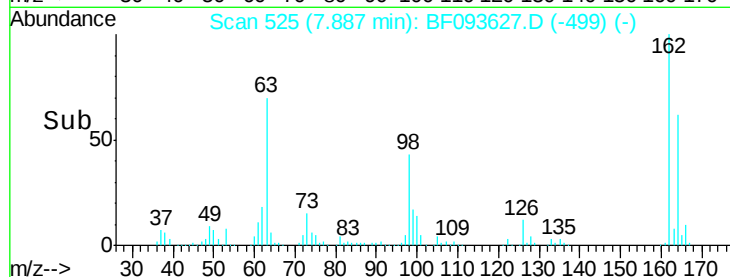
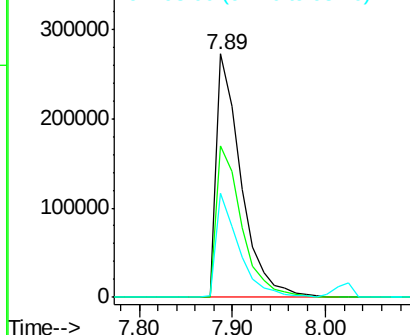
#29
 2,4-Dichlorophenol
 Concen: 47.90 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.8	86.8
98	42.9	9.1	49.1

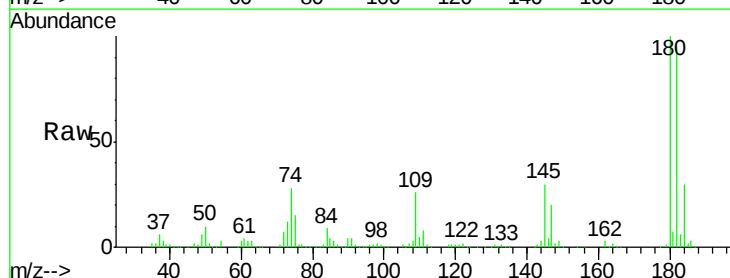


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

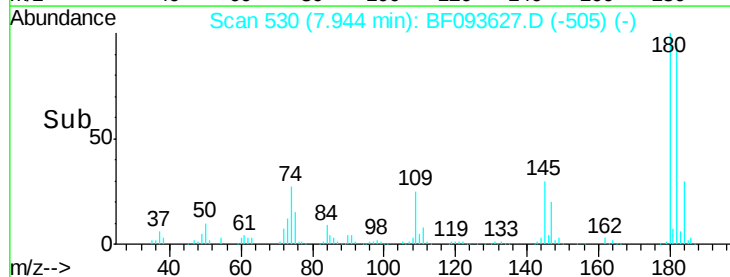
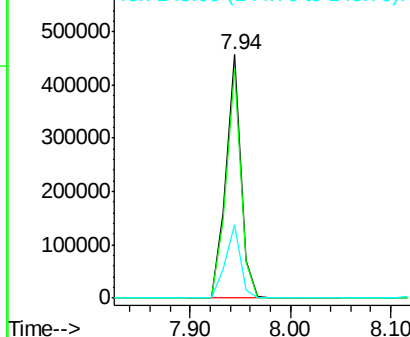


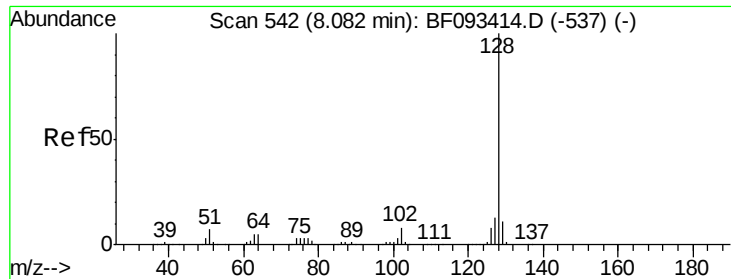
#30
 1,2,4-Trichlorobenzene
 Concen: 42.95 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.2	117.4
145	30.2	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

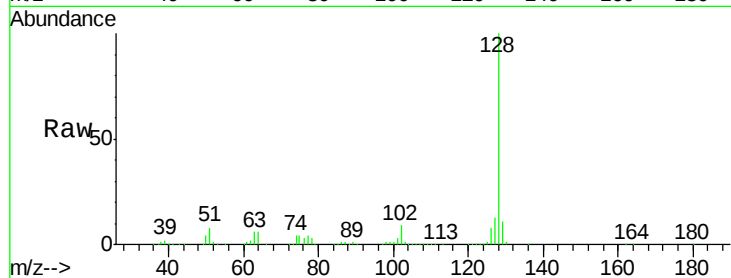




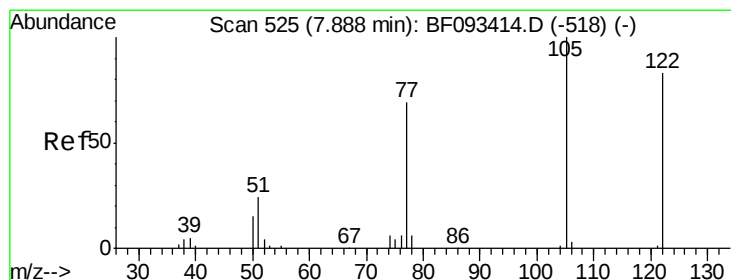
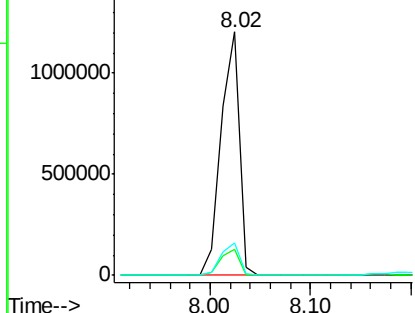
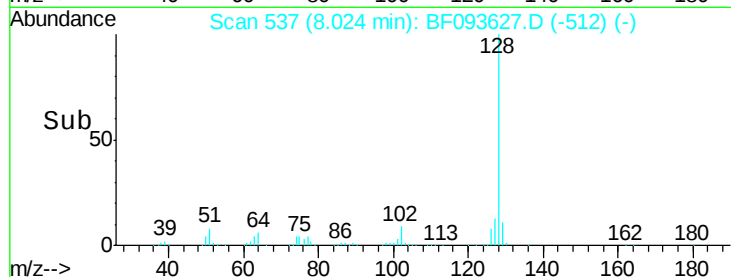
#31
Naphthalene
Concen: 41.43 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tgt Ion:128 Resp: 1527679
Ion Ratio Lower Upper
128 100
129 10.6 9.5 14.3
127 13.4 10.8 16.2

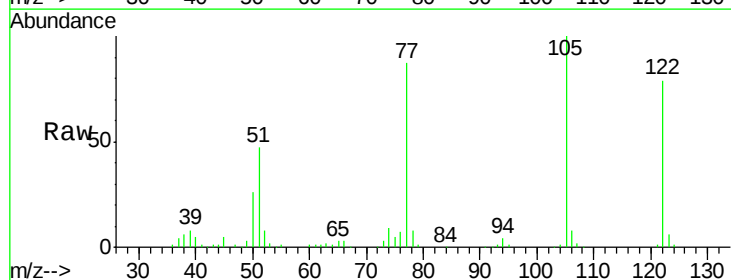


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

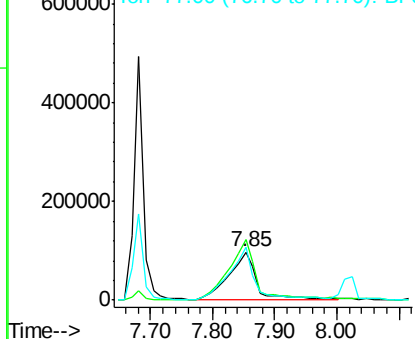
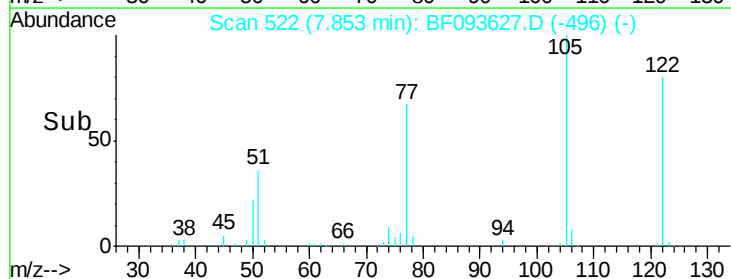


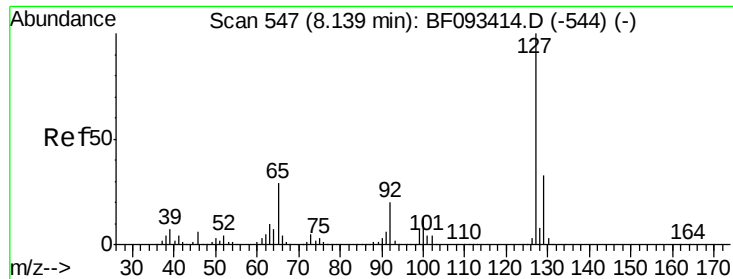
#32
Benzoic acid
Concen: 51.12 ng
RT: 7.85 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion:122 Resp: 293915
Ion Ratio Lower Upper
122 100
105 125.9 107.2 147.2
77 109.9 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

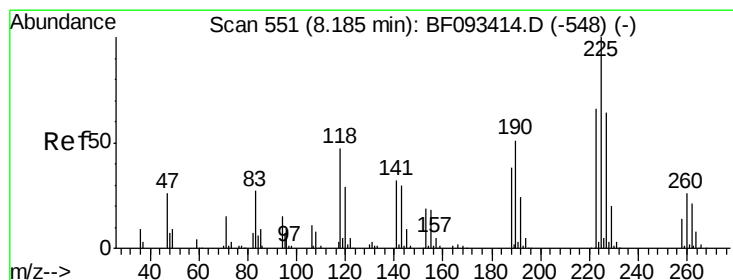
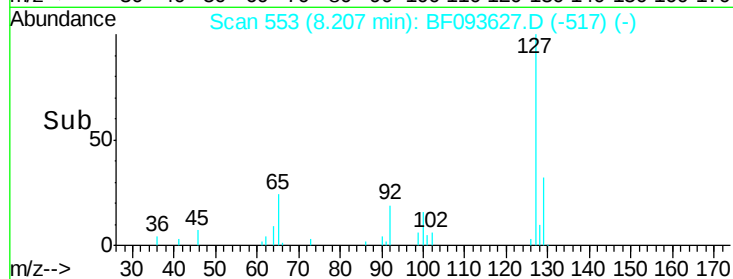
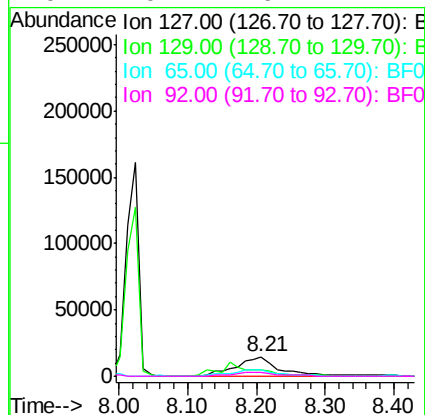
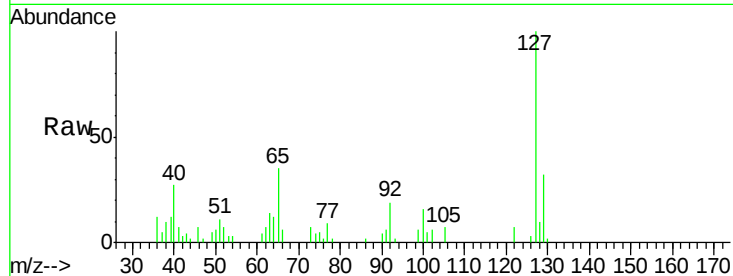




#33
4-Chloroaniline
Concen: 4.31 ng
RT: 8.21 min Scan# 553
Delta R.T. 0.11 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

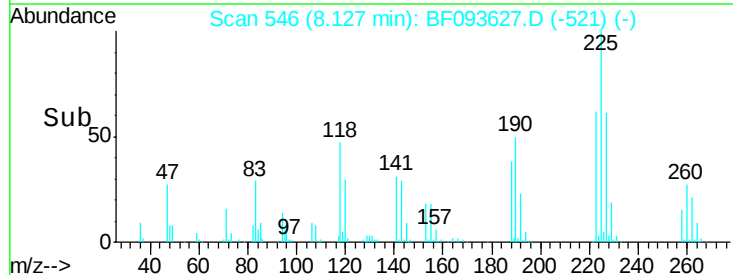
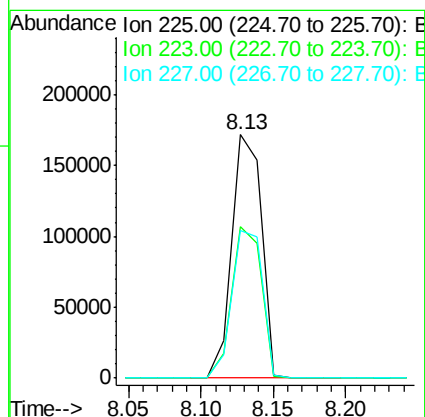
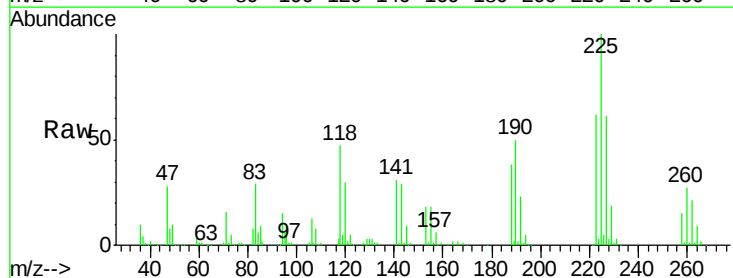
Instrument :
BNA_F
ClientSampleId :
PB97546BS

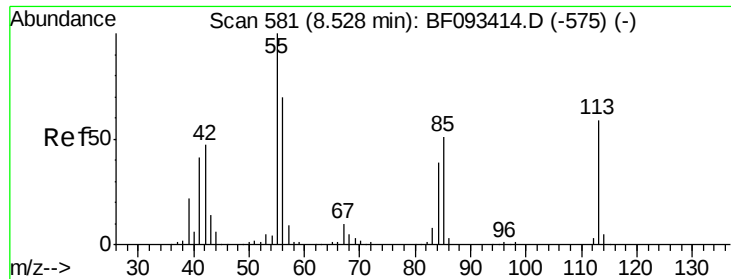
Tgt Ion:	127	Resp:	64481
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	35.5	25.8	38.8
92	19.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.82 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion:	225	Resp:	244125
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.6
227	60.7	50.6	76.0

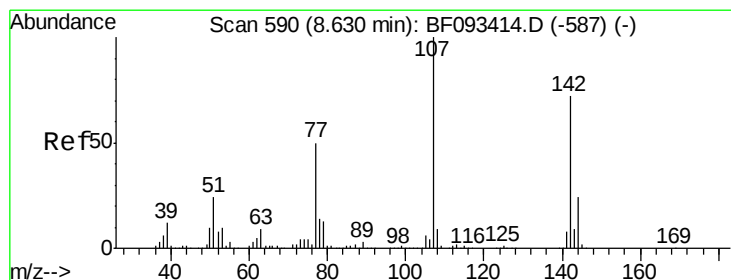
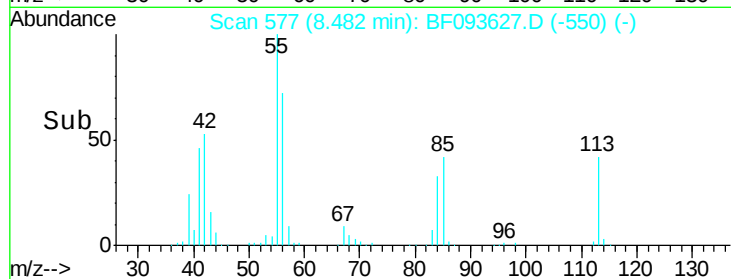
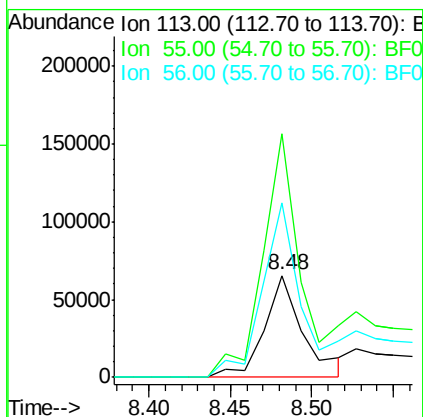
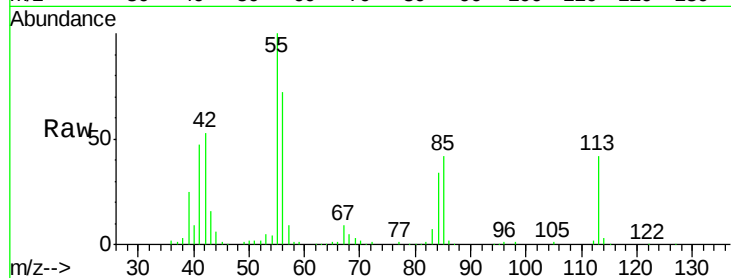




#35
 Caprolactam
 Concen: 30.62 ng
 RT: 8.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

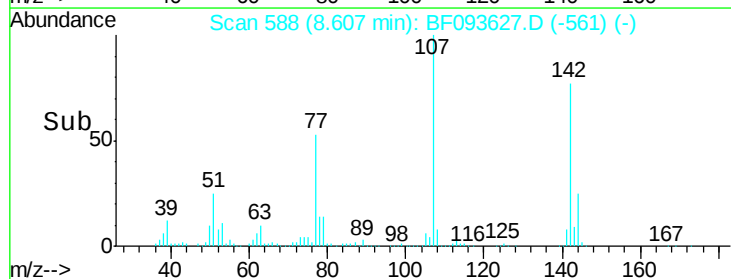
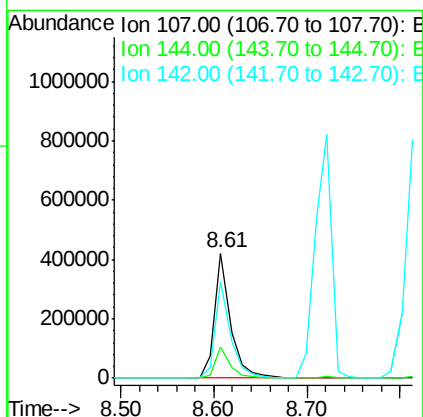
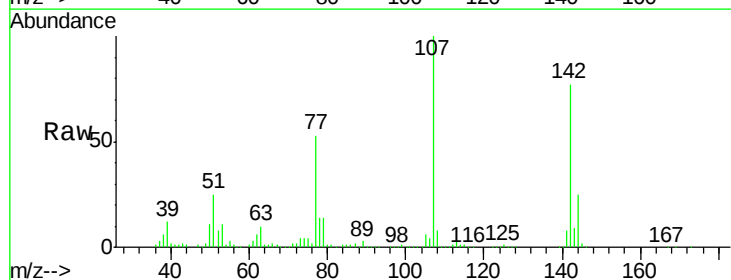
Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

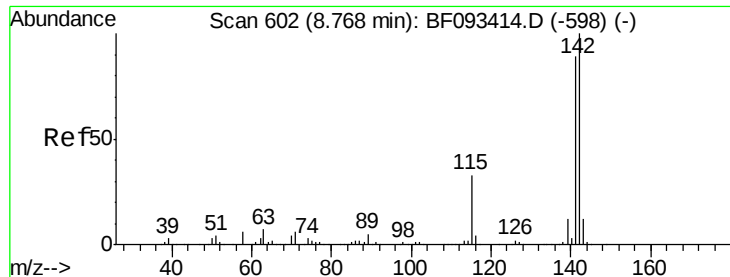
Tgt Ion:113 Resp: 108839
 Ion Ratio Lower Upper
 113 100
 55 238.9 119.2 159.2#
 56 171.6 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 45.26 ng
 RT: 8.61 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion:107 Resp: 502830
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.3 28.9
 142 76.8 59.0 88.6

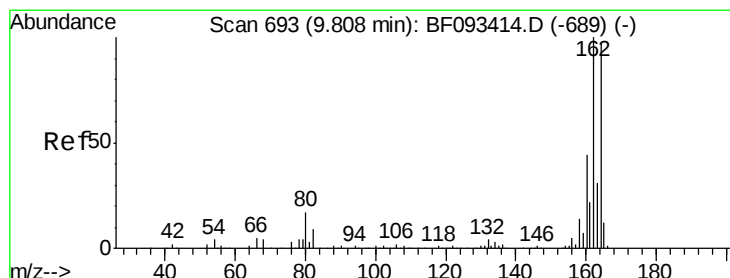
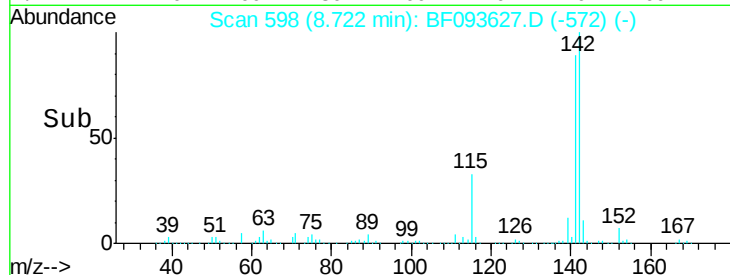
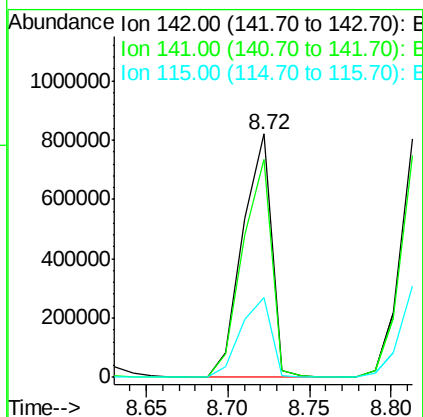
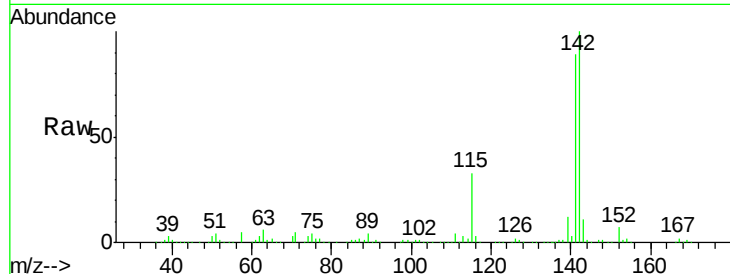




#37
 2-Methylnaphthalene
 Concen: 42.95 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

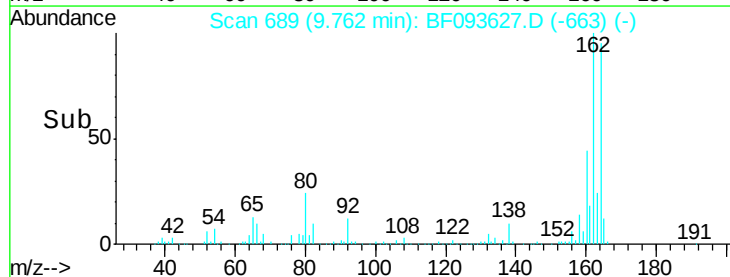
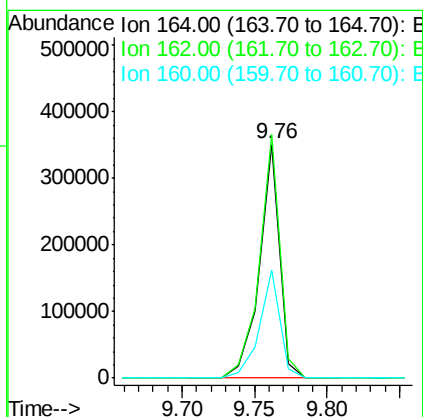
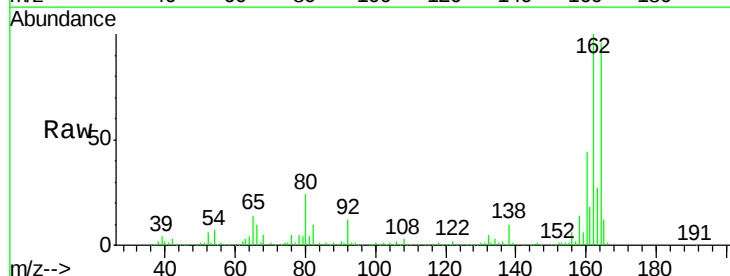
Instrument :
 BNA_F
 ClientSampled :
 PB97546BS

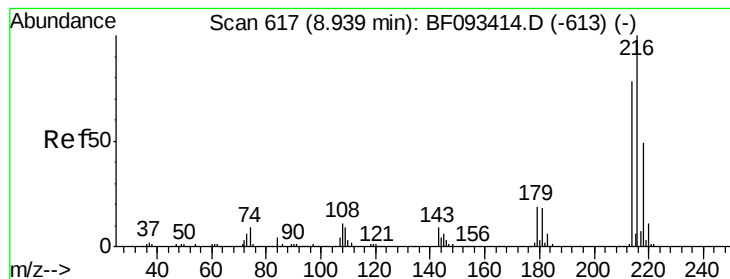
Tgt Ion:142 Resp: 1007795
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.0 106.6
 115 32.5 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion:164 Resp: 338097
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.2 120.2
 160 46.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.36 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

Tgt Ion:216 Resp: 437280

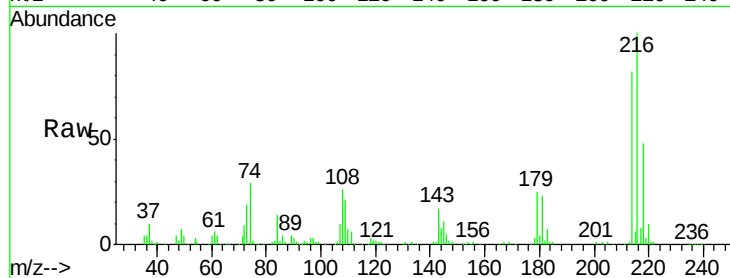
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 21.7 17.4 26.2

108 23.5 15.6 23.4#

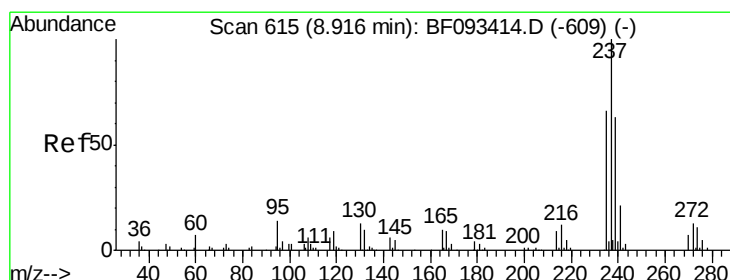
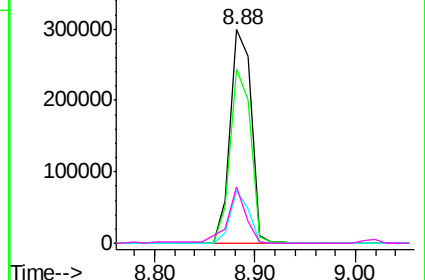
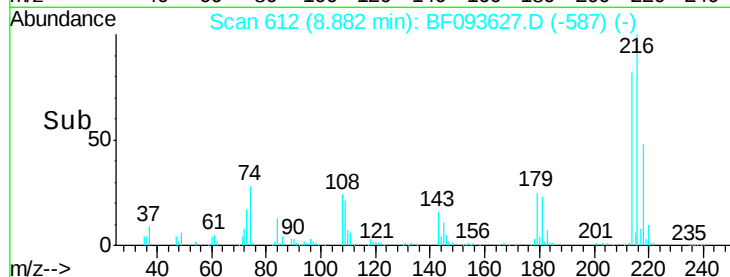


Abundance Ion 216.00 (215.70 to 216.70): E

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: 102.33 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

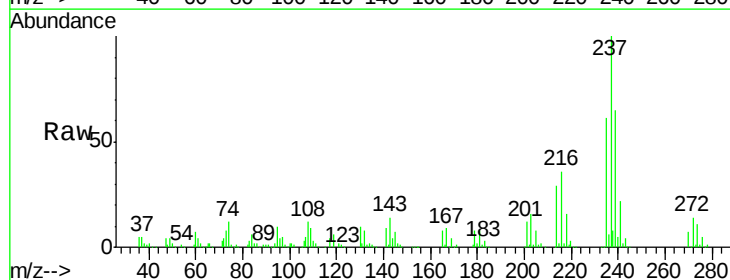
Tgt Ion:237 Resp: 247628

Ion Ratio Lower Upper

237 100

235 60.7 41.2 81.2

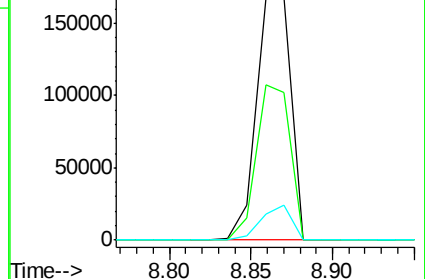
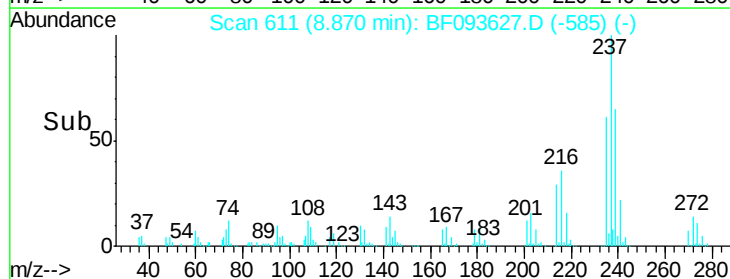
272 14.1 0.0 35.4

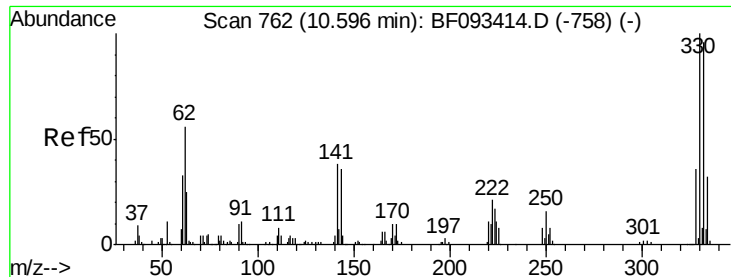


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

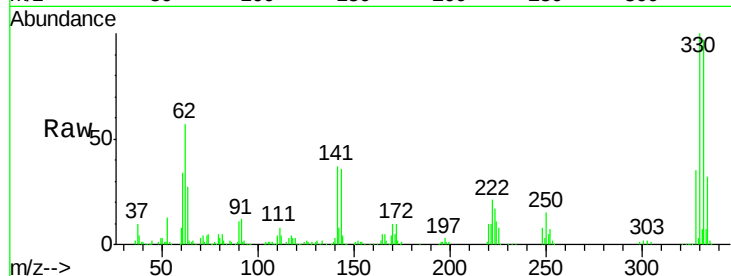




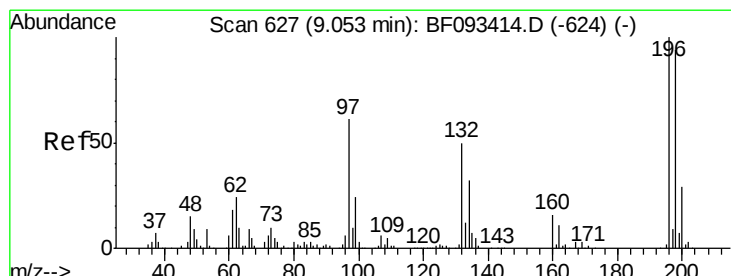
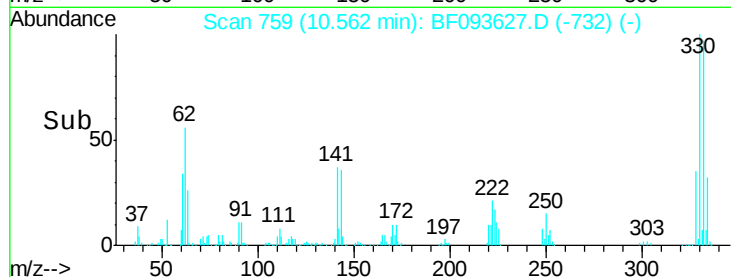
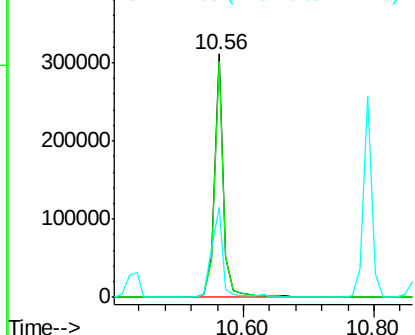
#41
 2,4,6-Tribromophenol
 Concen: 141.37 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

Tgt Ion:330 Resp: 311401
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 44.3 34.1 51.1

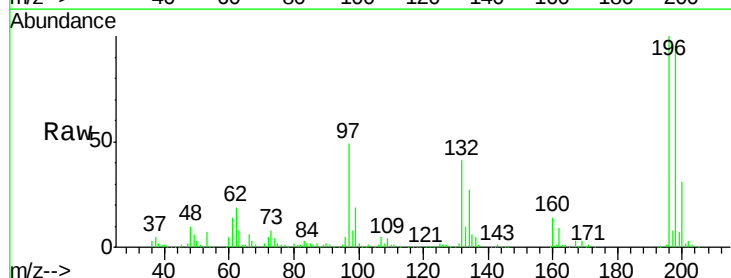


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

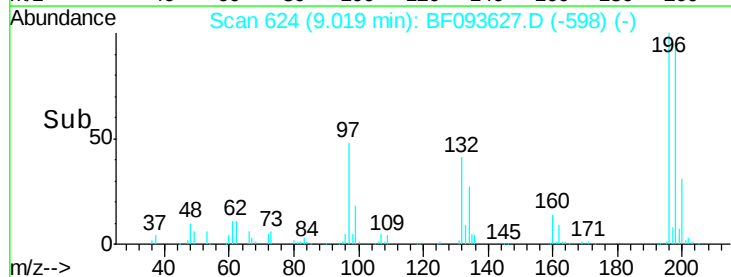
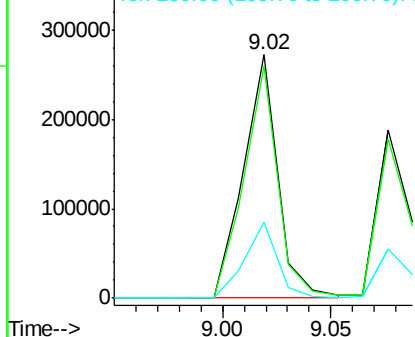


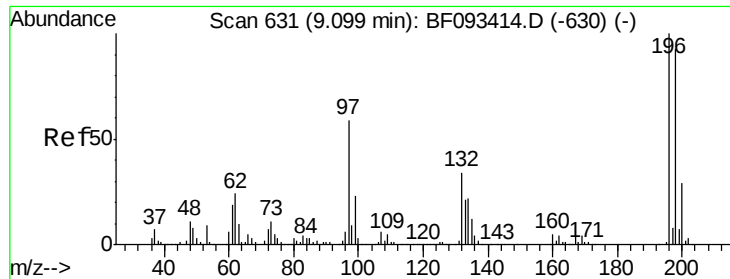
#42
 2,4,6-Trichlorophenol
 Concen: 51.75 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion:196 Resp: 298521
 Ion Ratio Lower Upper
 196 100
 198 95.1 82.1 123.1
 200 31.0 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

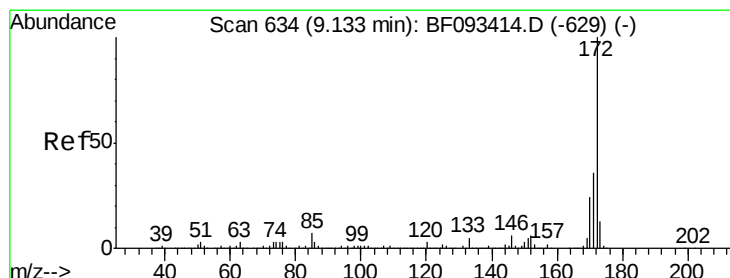
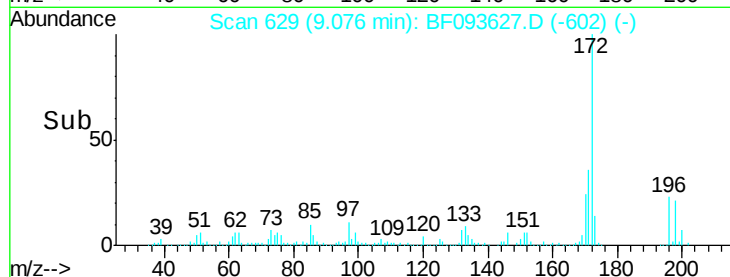
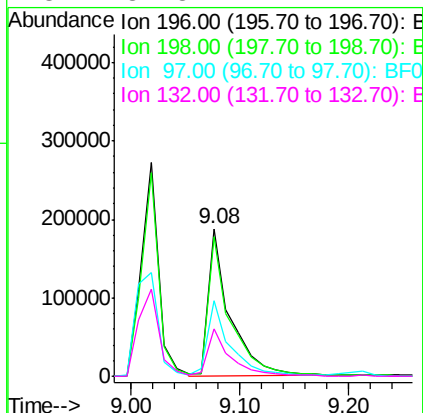
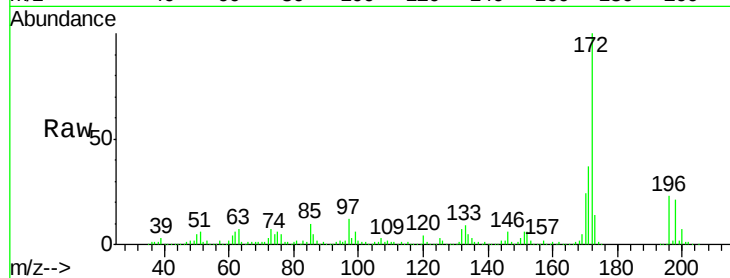




#43
 2,4,5-Trichlorophenol
 Concen: 42.49 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

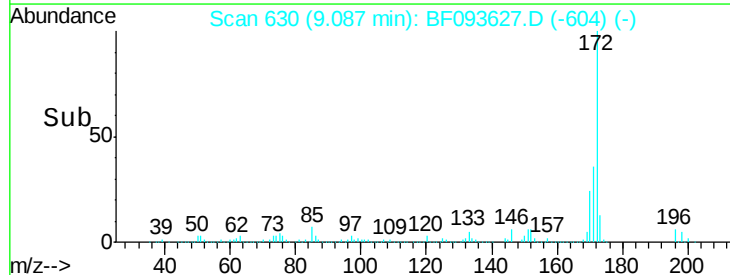
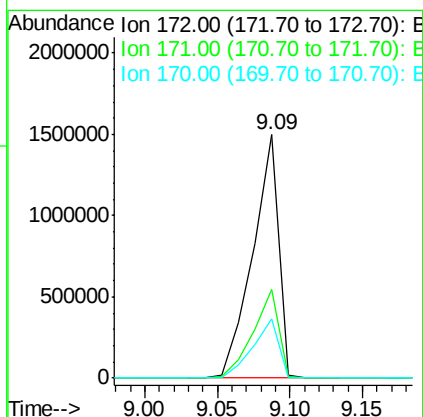
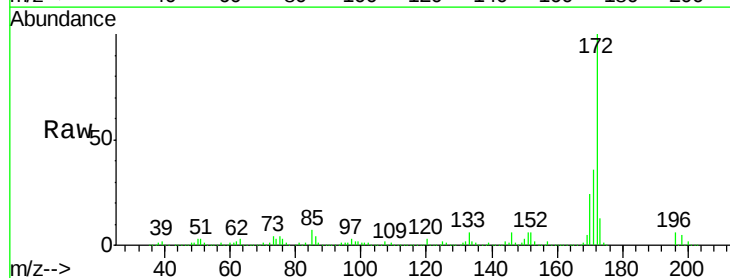
Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

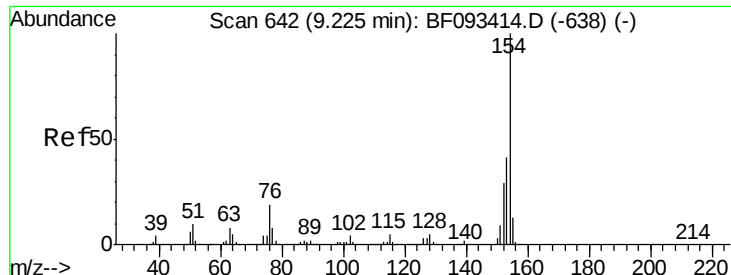
Tgt Ion	Resp	Lower	Upper
196	100		
198	94.7	79.4	119.2
97	51.1	51.5	77.3
132	31.8	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 102.53 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	20.2	30.4

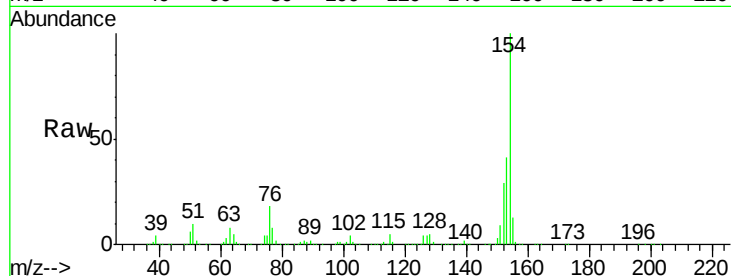




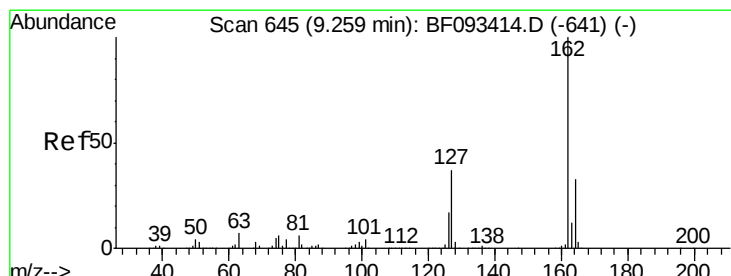
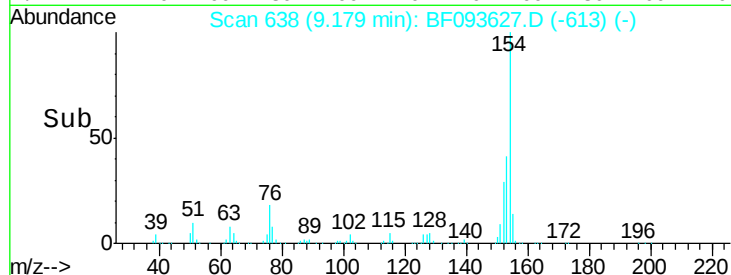
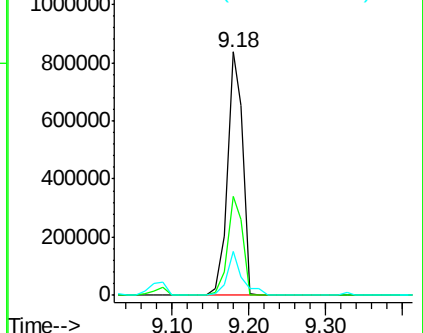
#45
 1,1'-Biphenyl
 Concen: 48.25 ng
 RT: 9.18 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

Tgt Ion:154 Resp: 1188281
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.9 60.9
 76 18.0 0.0 30.5

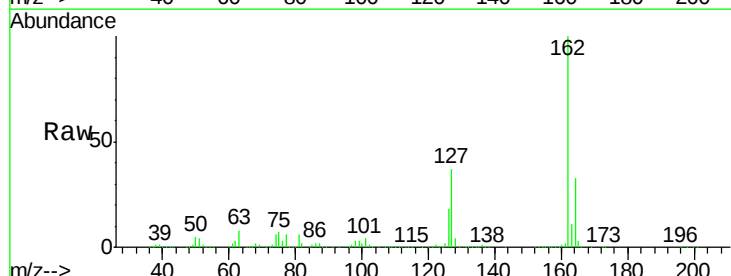


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

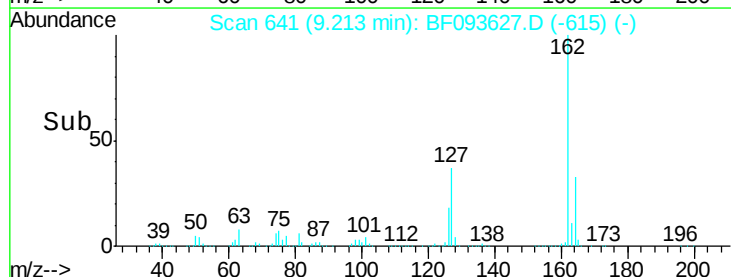
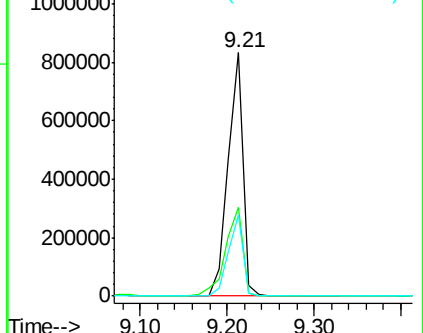


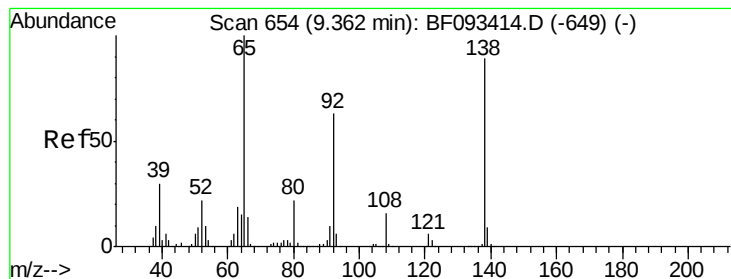
#46
 2-Chloronaphthalene
 Concen: 52.46 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion:162 Resp: 989071
 Ion Ratio Lower Upper
 162 100
 127 36.6 30.7 46.1
 164 33.4 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: 54.60 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

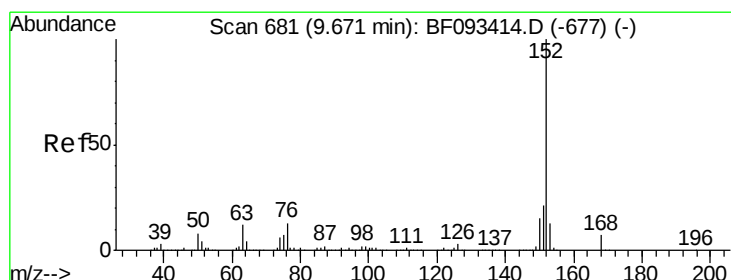
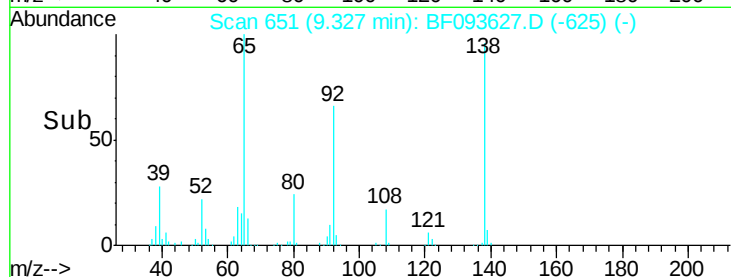
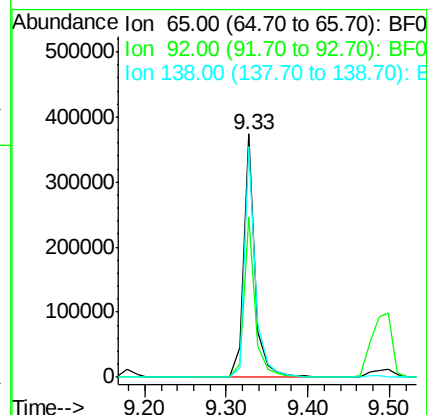
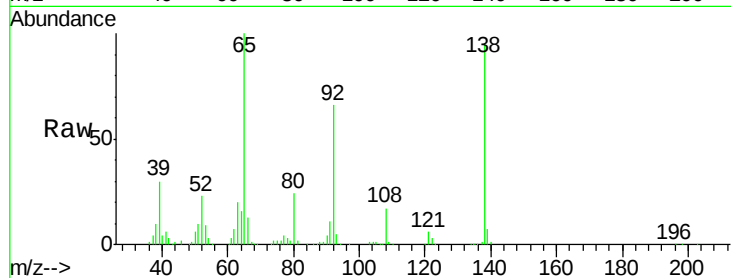
Tgt Ion: 65 Resp: 363886

Ion Ratio Lower Upper

65 100

92 65.7 53.9 80.9

138 95.0 76.8 115.2



#48

Acenaphthylene

Concen: 48.64 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

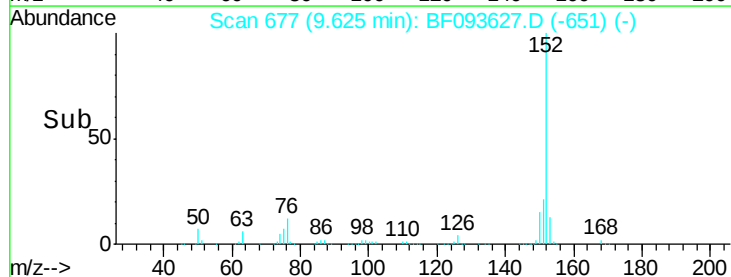
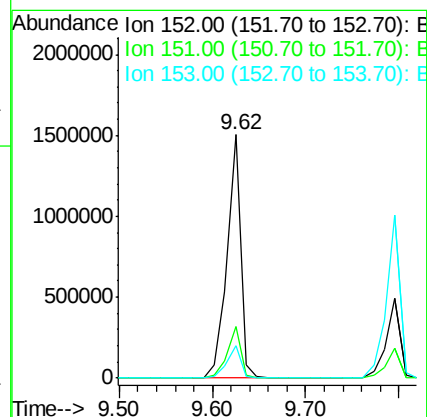
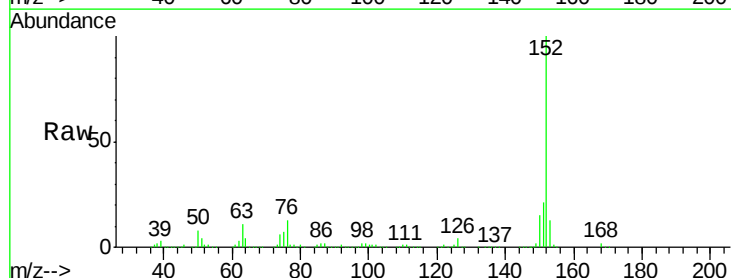
Tgt Ion: 152 Resp: 1512481

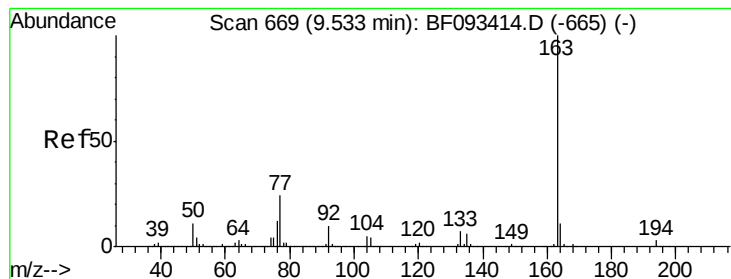
Ion Ratio Lower Upper

152 100

151 21.0 16.9 25.3

153 13.3 11.4 17.2





#49

Dimethylphthalate

Concen: 52.45 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

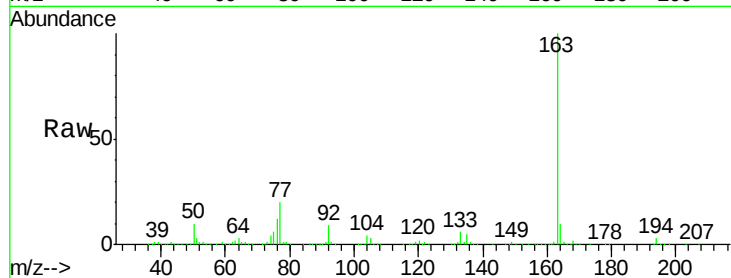
Tgt Ion:163 Resp: 1175591

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

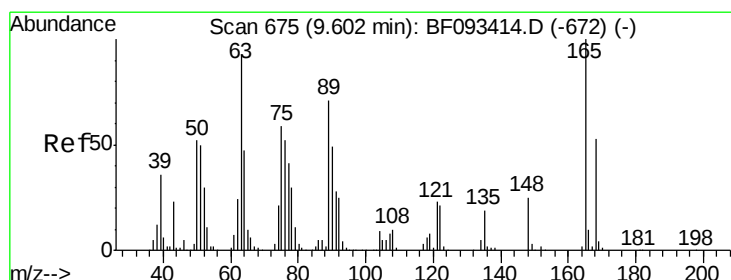
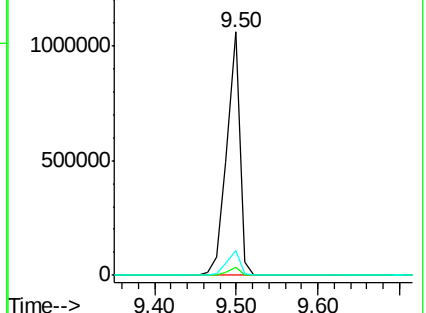
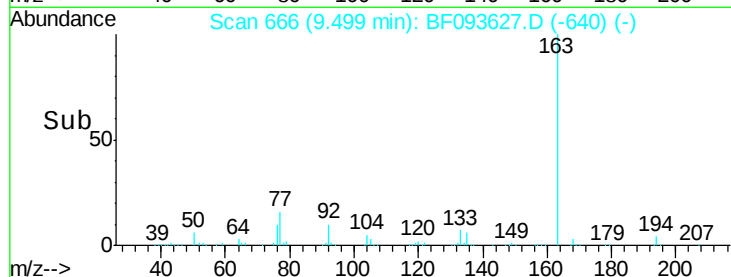
164 10.1 8.0 12.0



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: 47.04 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

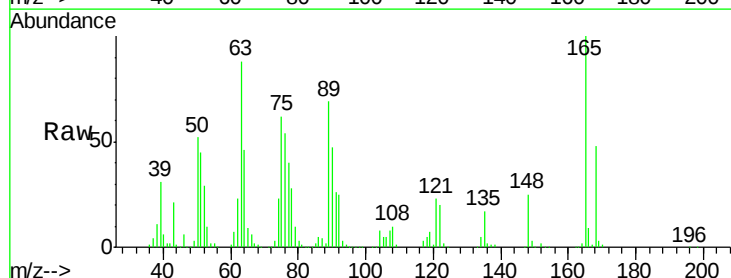
Tgt Ion:165 Resp: 231377

Ion Ratio Lower Upper

165 100

63 87.6 36.2 54.4#

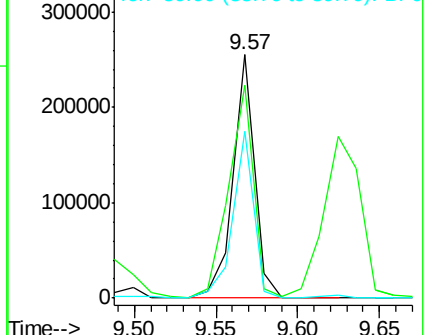
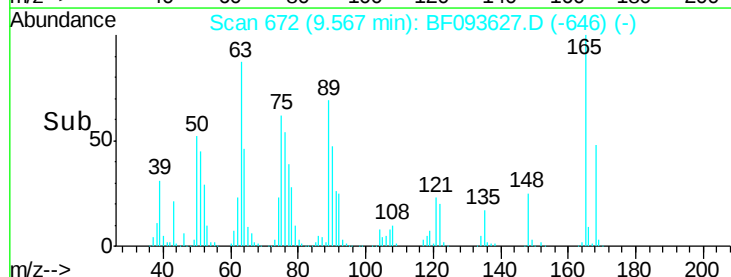
89 68.5 40.2 60.4#

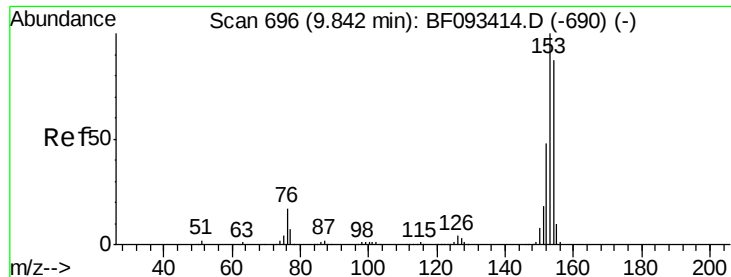


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.24 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

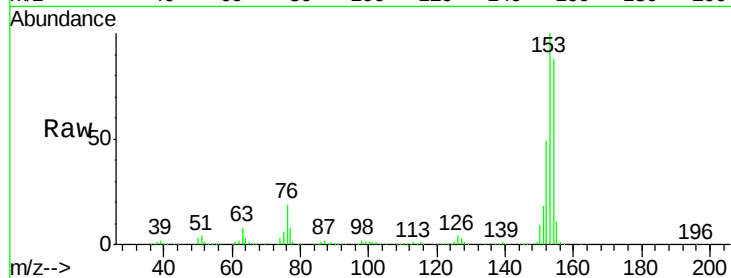
Tgt Ion:154 Resp: 905412

Ion Ratio Lower Upper

154 100

153 114.2 88.6 133.0

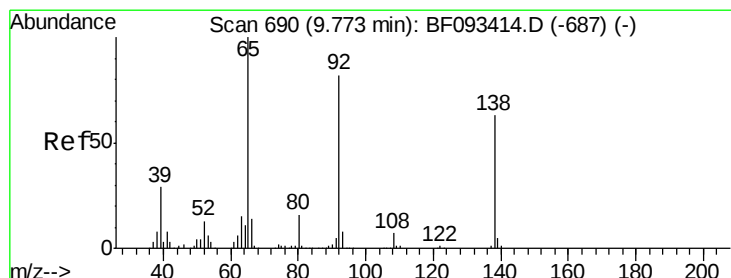
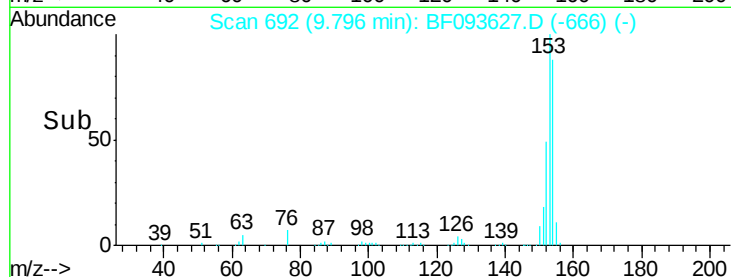
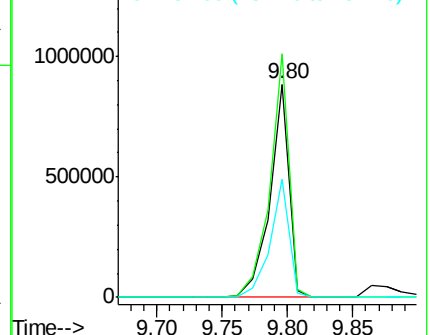
152 55.6 41.6 62.4



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: 17.99 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

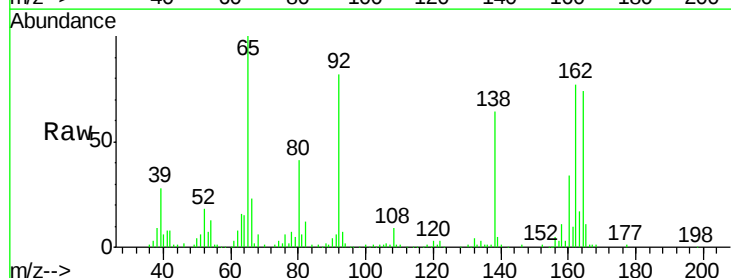
Tgt Ion:138 Resp: 106274

Ion Ratio Lower Upper

138 100

108 14.3 8.5 12.7#

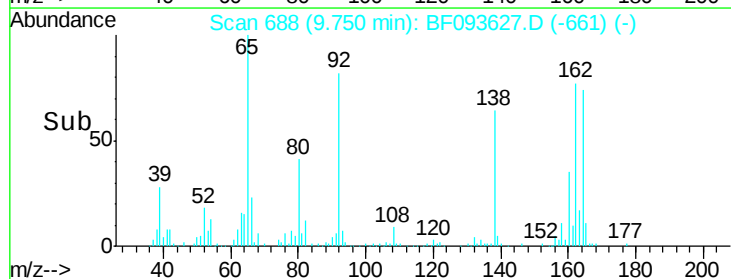
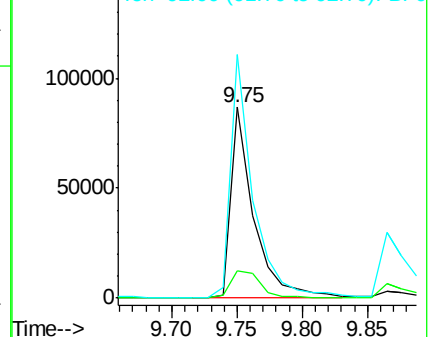
92 127.7 97.8 146.8

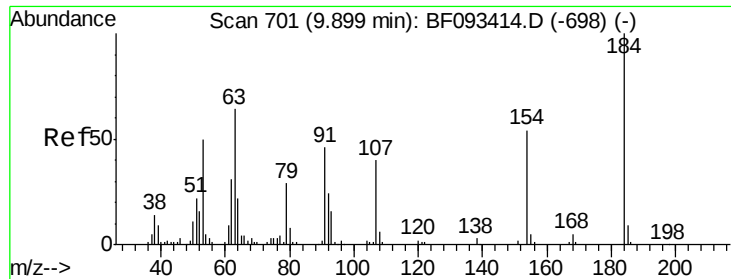


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

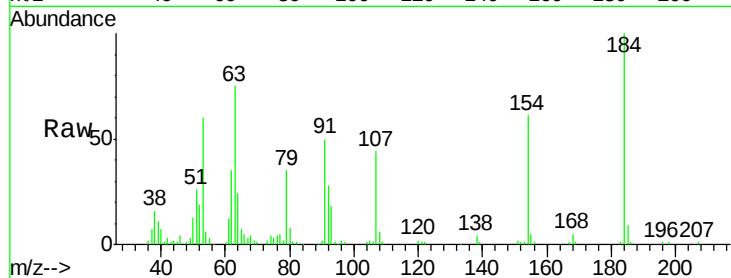




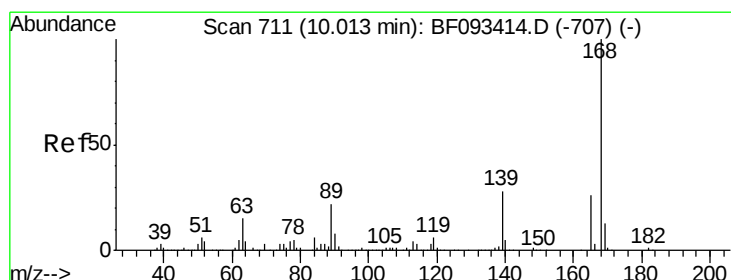
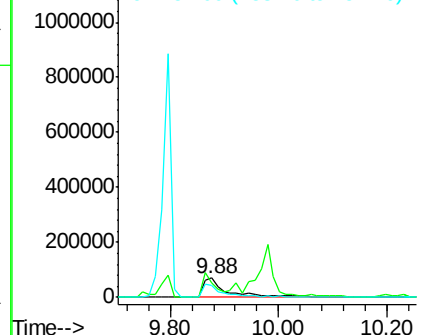
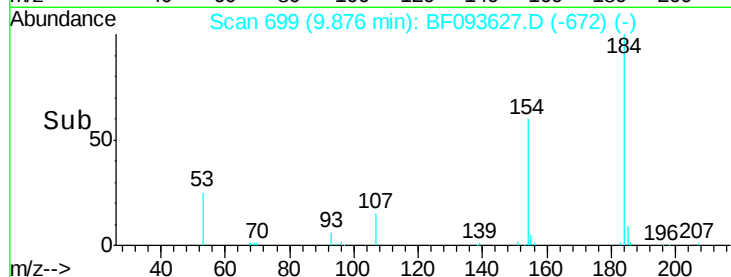
#53
2,4-Dinitrophenol
Concen: 97.58 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tgt Ion:184 Resp: 218571
Ion Ratio Lower Upper
184 100
63 74.7 28.4 42.6#
154 60.8 44.3 66.5

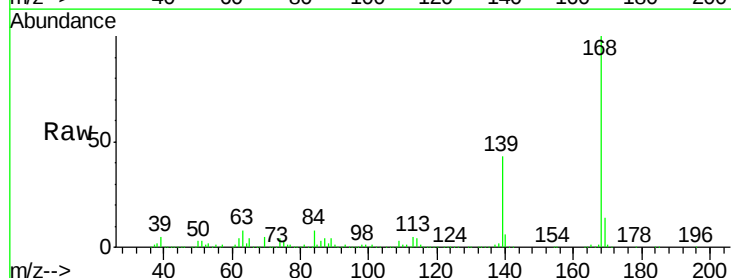


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

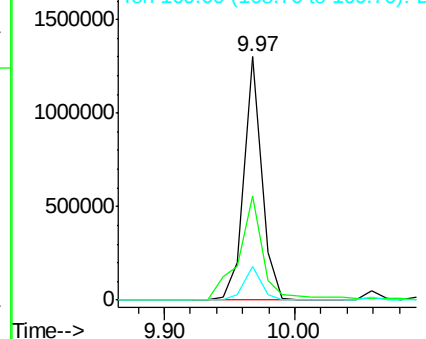
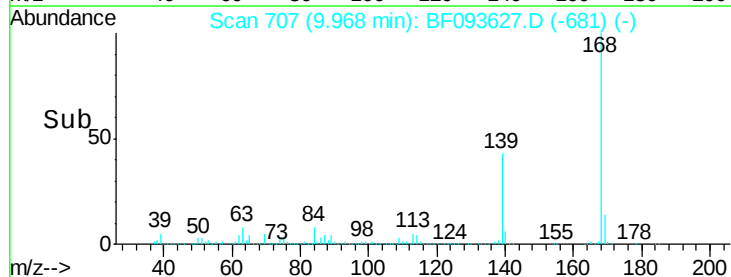


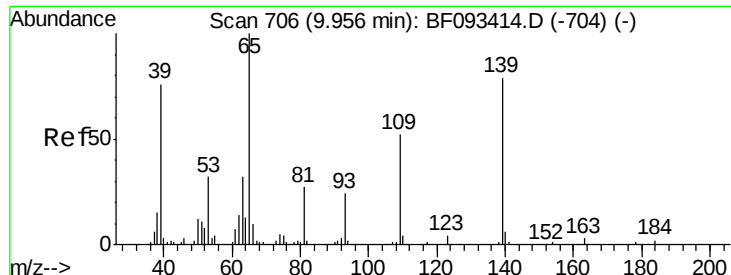
#54
Dibenzofuran
Concen: 53.02 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion:168 Resp: 1220115
Ion Ratio Lower Upper
168 100
139 42.8 32.6 49.0
169 13.9 11.3 16.9



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

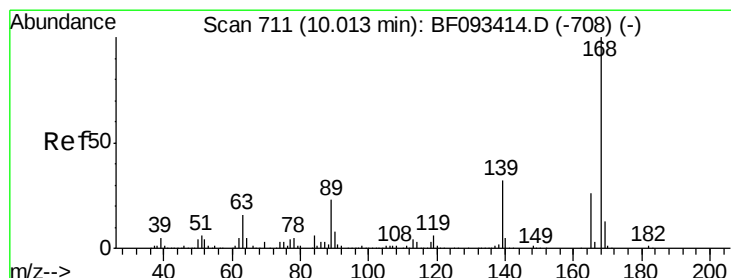
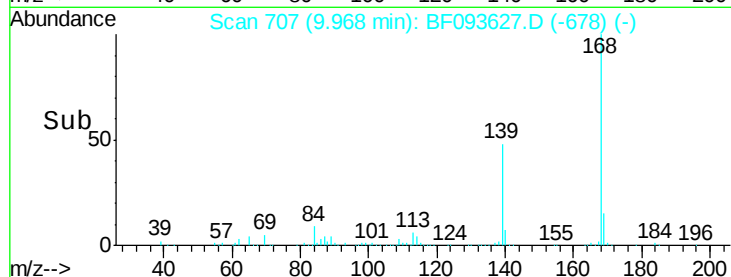
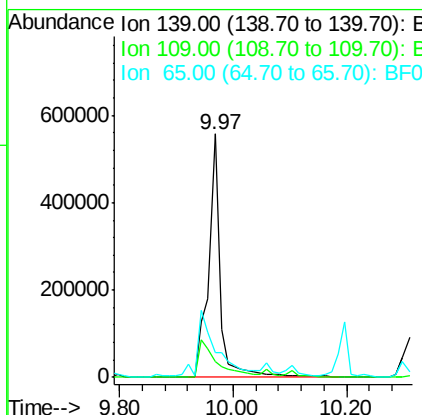
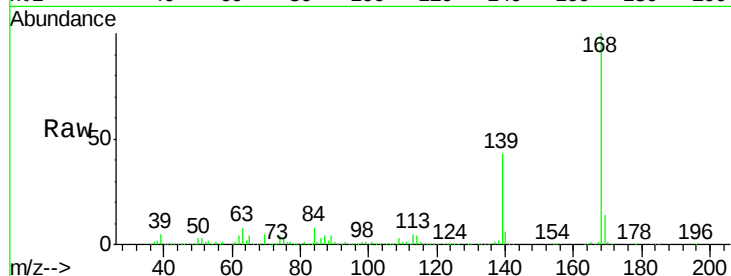




#55
4-Nitrophenol
Concen: 271.09 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

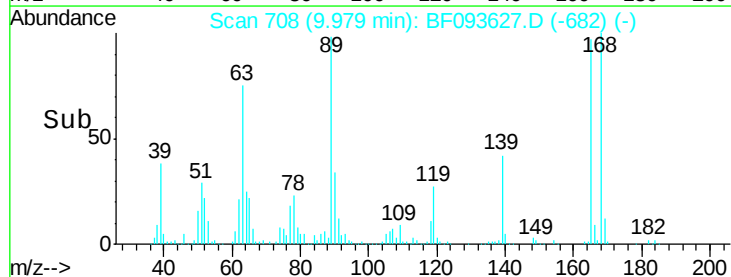
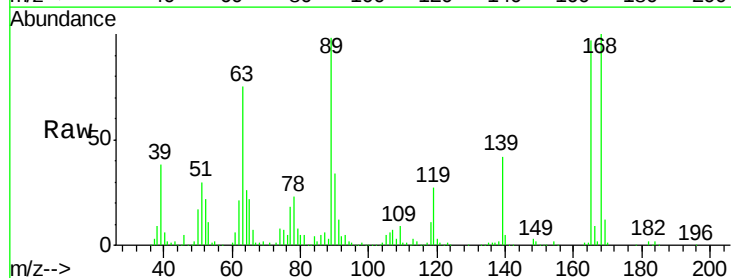
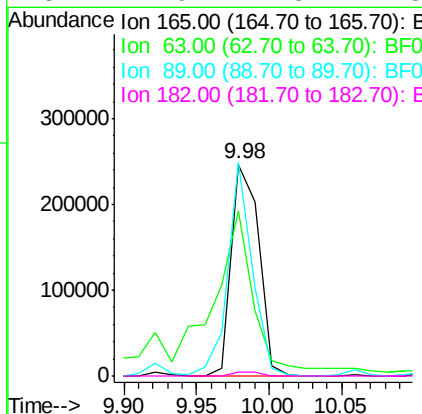
Instrument :
BNA_F
ClientSampleId :
PB97546BS

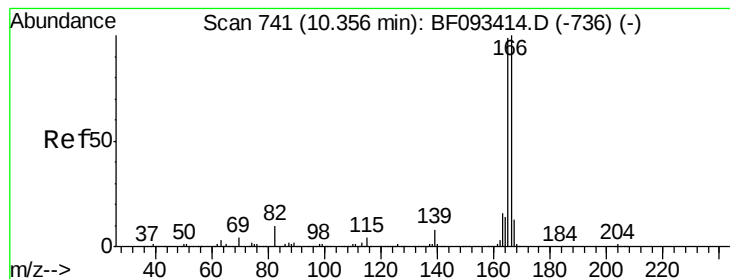
Tgt Ion:139 Resp: 778020
Ion Ratio Lower Upper
139 100
109 6.4 52.2 92.2#
65 10.1 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 53.72 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion:165 Resp: 324612
Ion Ratio Lower Upper
165 100
63 78.0 40.2 60.4#
89 101.0 62.5 93.7#
182 1.9 1.8 2.8





#57

Fluorene

Concen: 47.54 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

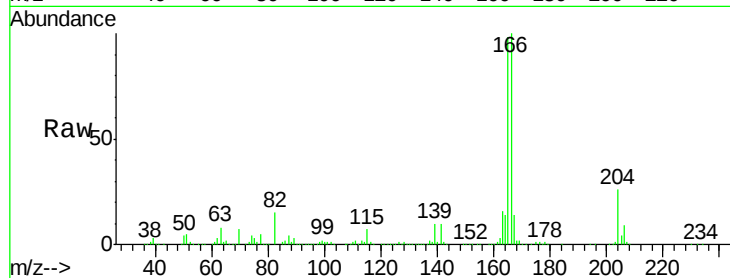
Tgt Ion:166 Resp: 927008

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.8

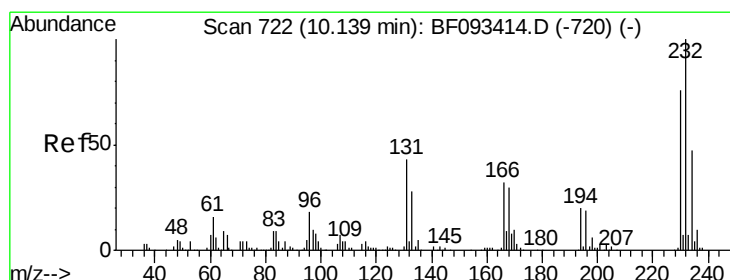
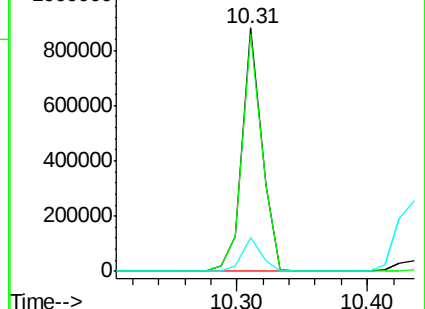
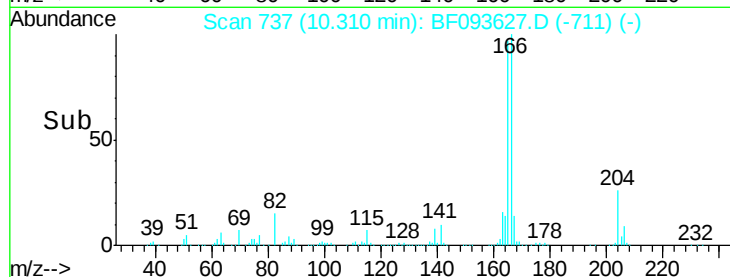
167 13.6 10.8 16.2



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: 56.94 ng

RT: 10.10 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Tgt Ion:232 Resp: 248731

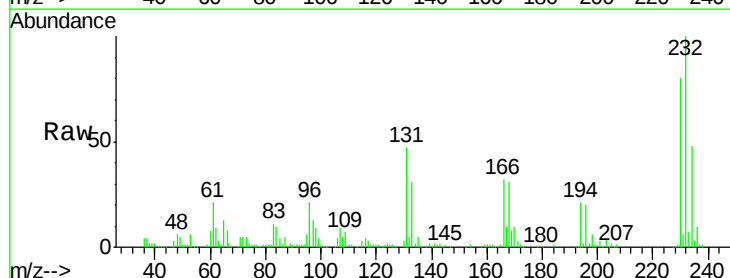
Ion Ratio Lower Upper

232 100

131 42.9 40.1 60.1

130 2.1 1.8 2.8

166 30.2 26.6 39.8

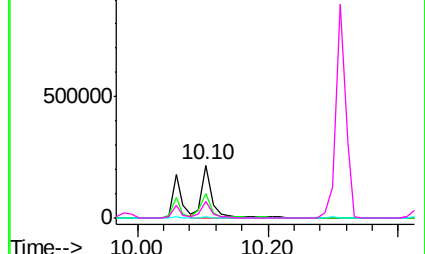
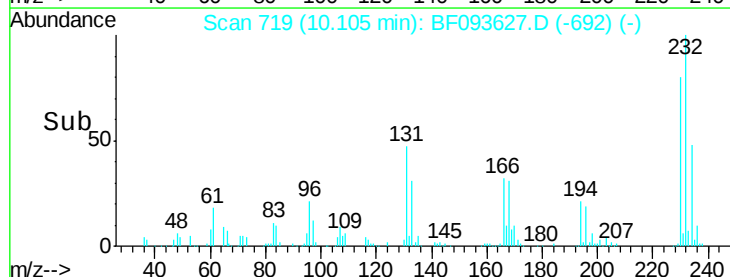


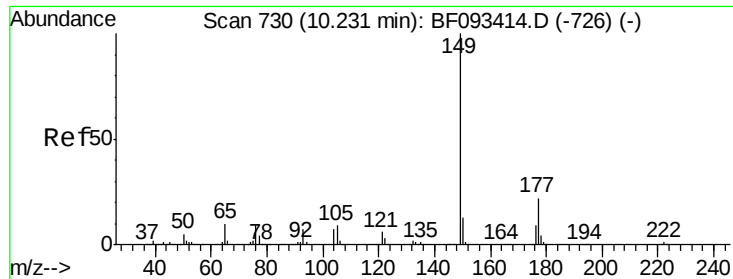
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

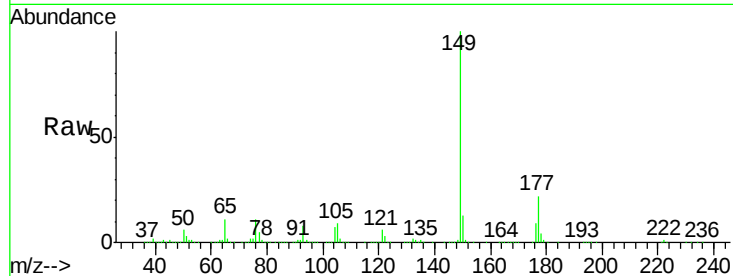




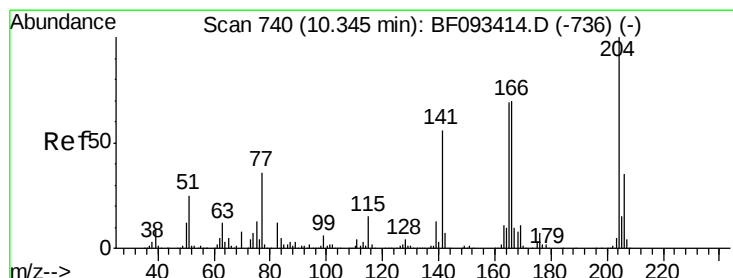
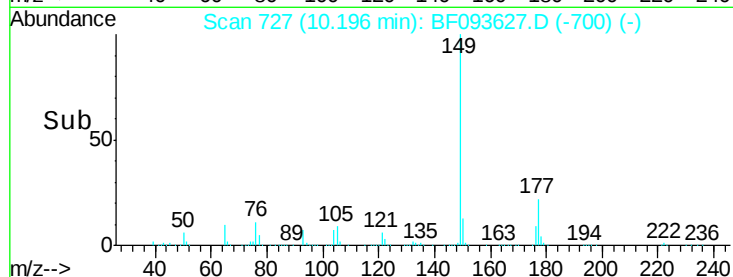
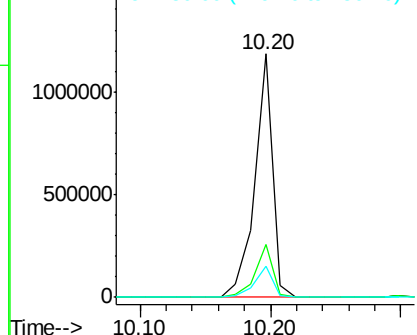
#59
Diethylphthalate
Concen: 52.47 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Tgt Ion:149 Resp: 1123934
Ion Ratio Lower Upper
149 100
177 21.7 16.6 25.0
150 12.6 10.4 15.6

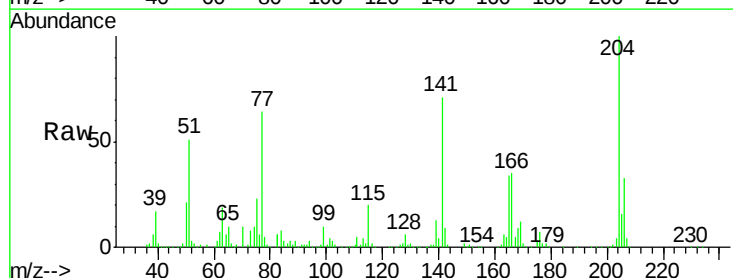


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

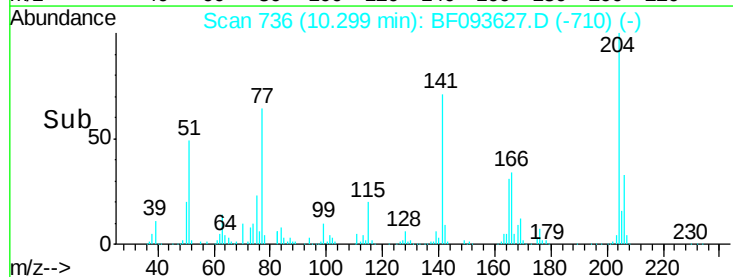
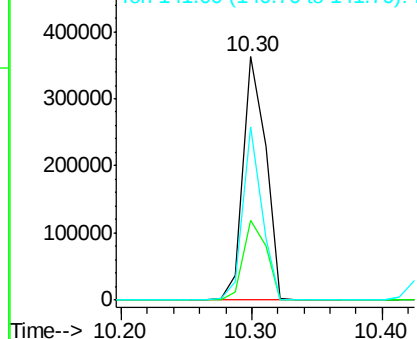


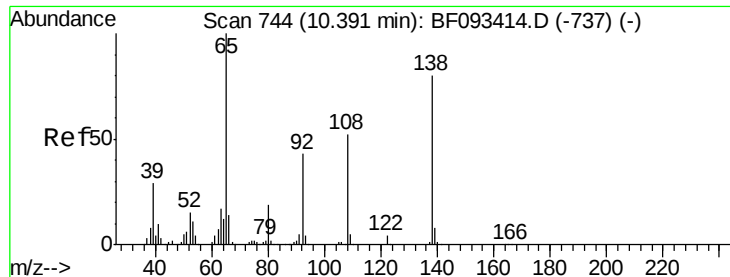
#60
4-Chlorophenyl-phenylether
Concen: 49.84 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion:204 Resp: 435683
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 71.4 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

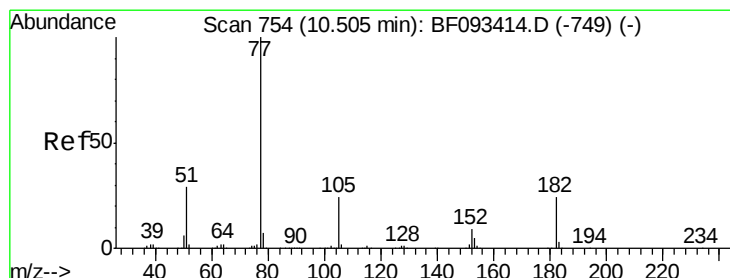
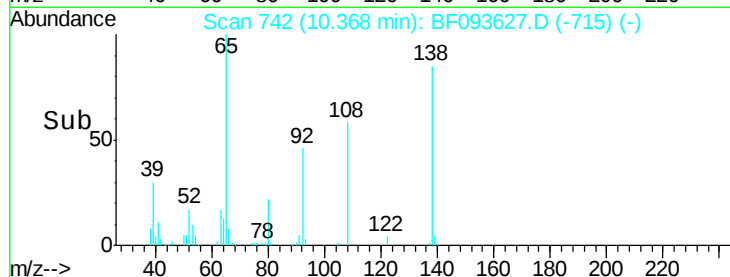
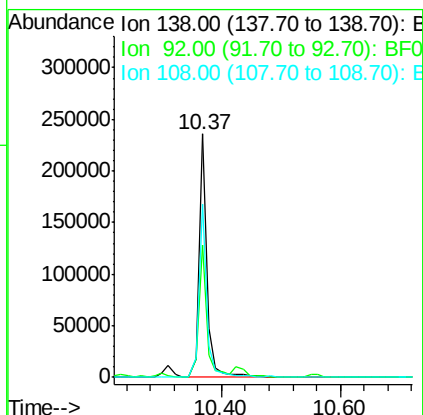
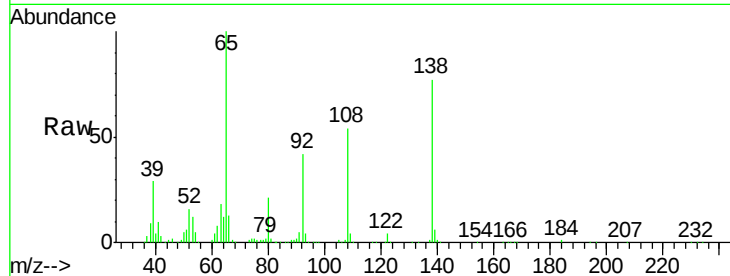




#61
4-Nitroaniline
Concen: 37.79 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

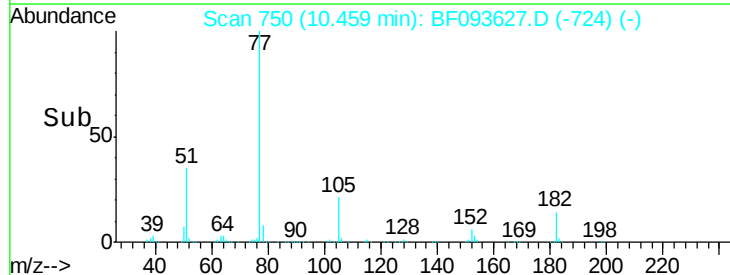
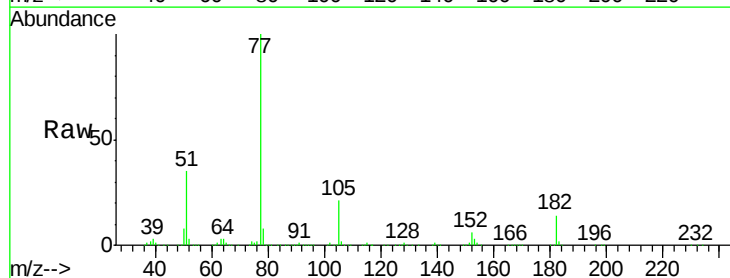
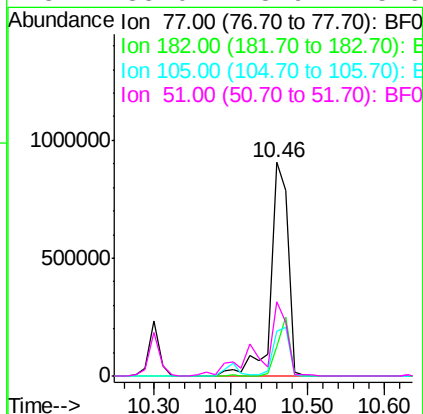
Instrument :
BNA_F
ClientSampleId :
PB97546BS

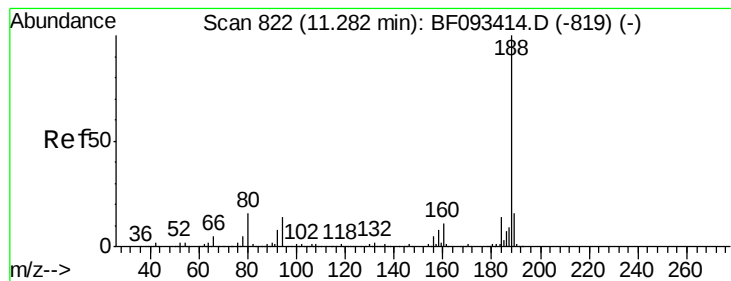
Tgt Ion:138 Resp: 228341
Ion Ratio Lower Upper
138 100
92 54.5 31.7 71.7
108 71.0 52.6 92.6



#62
Azobenzene
Concen: 57.00 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion: 77 Resp: 1387597
Ion Ratio Lower Upper
77 100
182 14.1 0.0 39.3
105 20.7 2.3 42.3
51 35.0 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: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

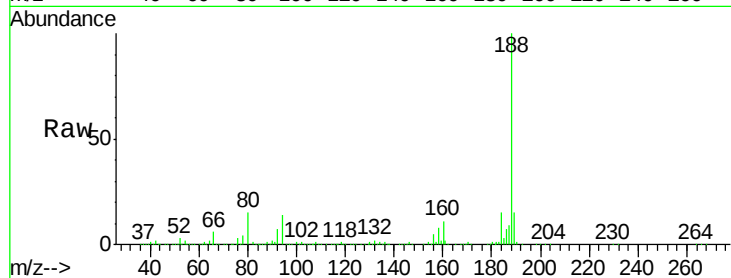
Tgt Ion:188 Resp: 617564

Ion Ratio Lower Upper

188 100

94 13.6 10.0 15.0

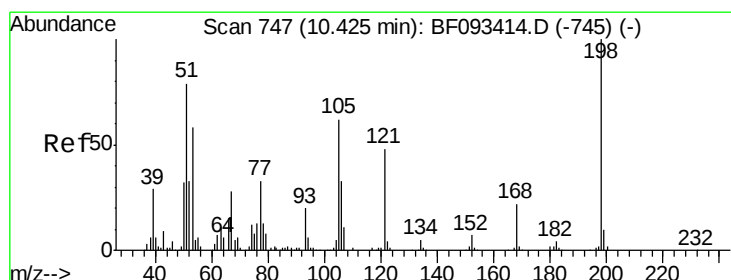
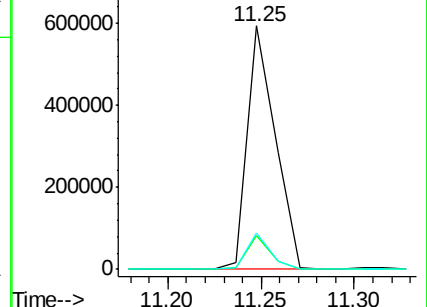
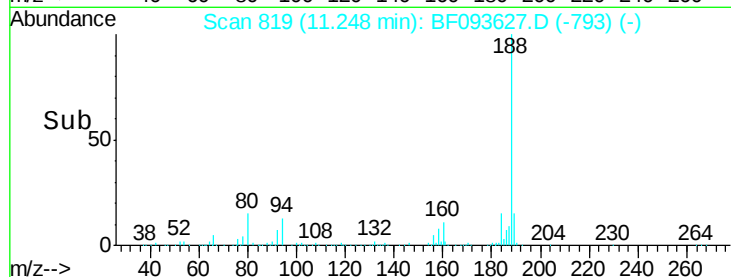
80 15.1 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.52 ng

RT: 10.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

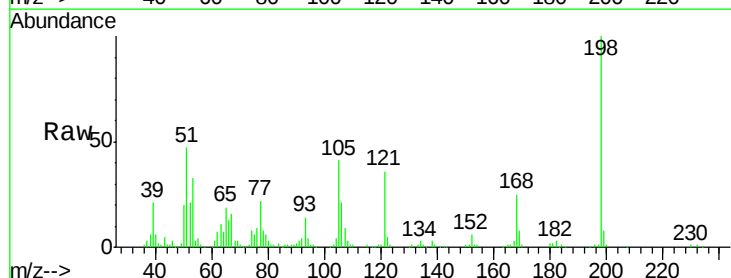
Tgt Ion:198 Resp: 158126

Ion Ratio Lower Upper

198 100

51 47.4 6.7 46.7#

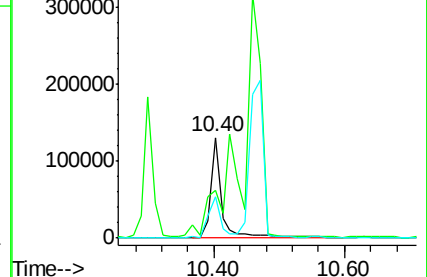
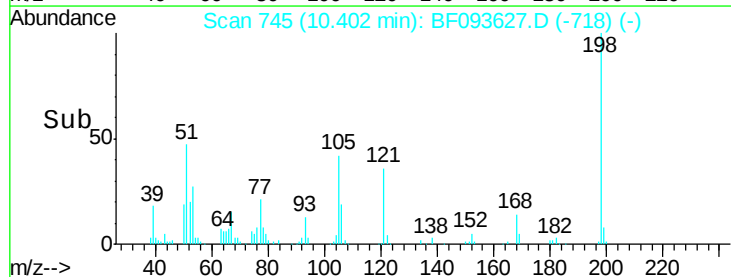
105 41.2 16.6 56.6

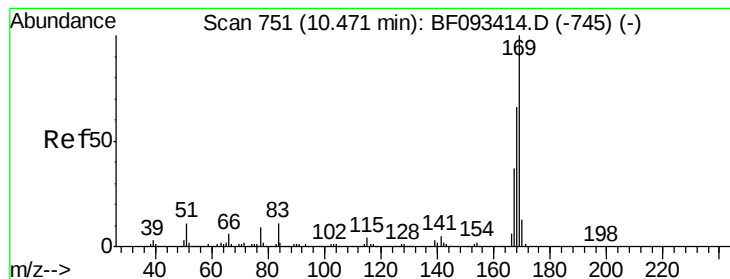


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.58 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

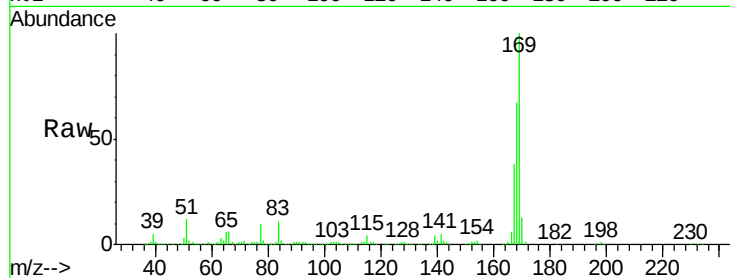
Tgt Ion:169 Resp: 857412

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

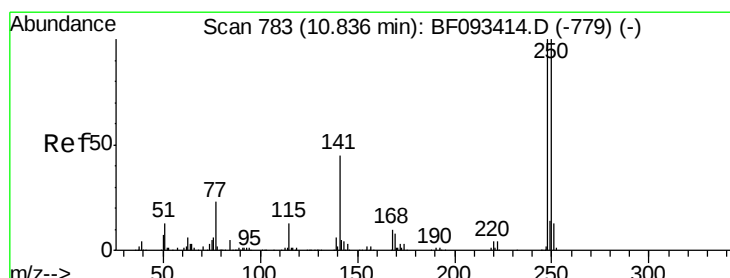
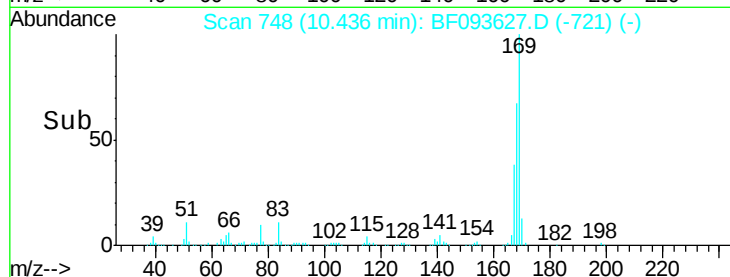
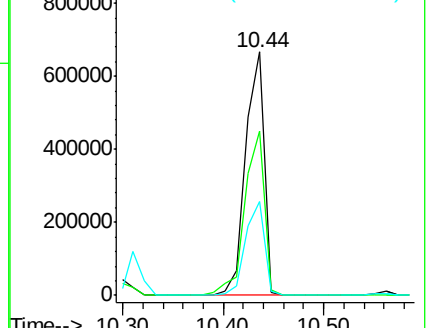
167 38.4 30.2 45.4



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: 39.21 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

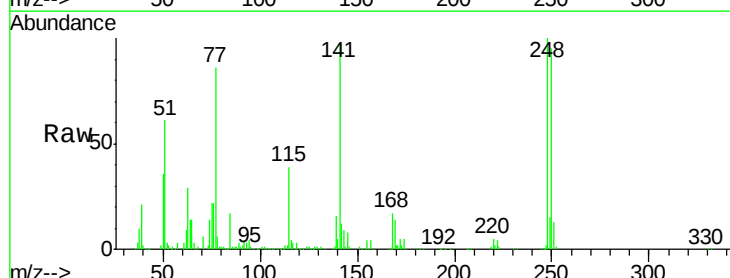
Tgt Ion:248 Resp: 256056

Ion Ratio Lower Upper

248 100

250 95.3 76.9 115.3

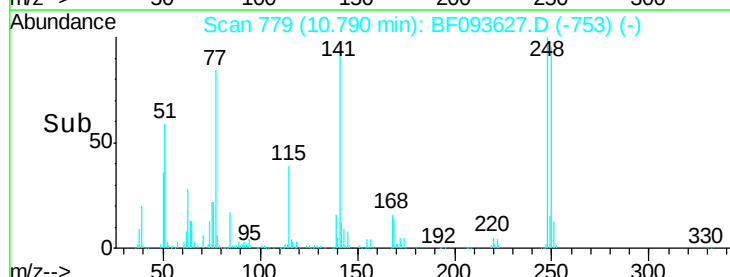
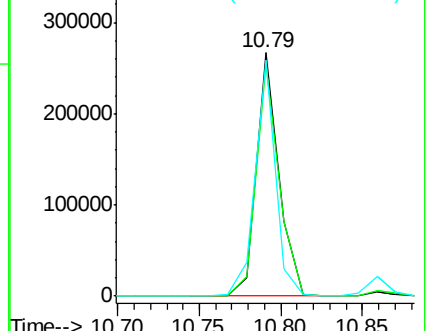
141 96.7 68.2 102.4

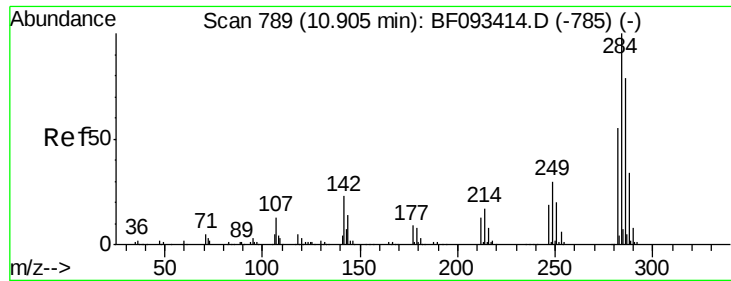


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

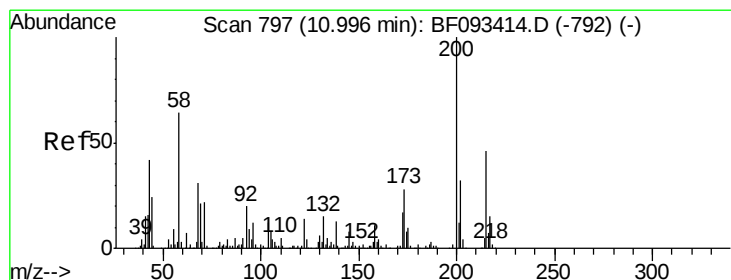
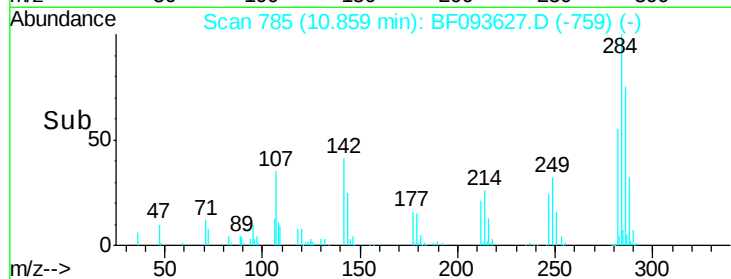
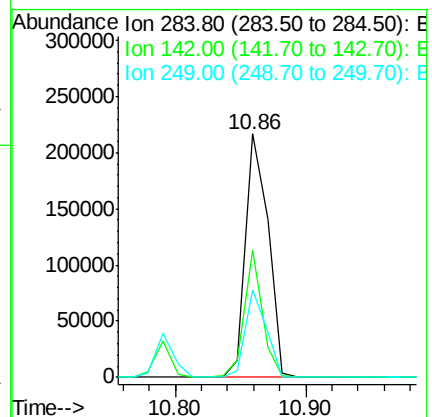
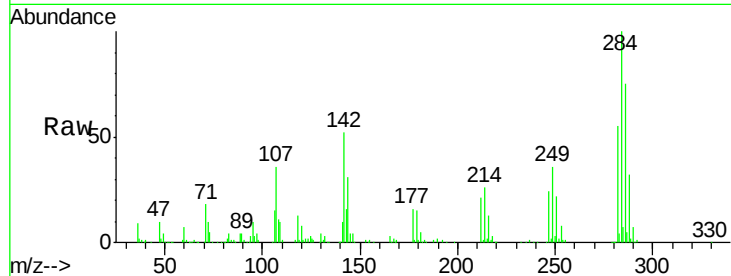




#67
Hexachlorobenzene
Concen: 41.52 ng
RT: 10.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

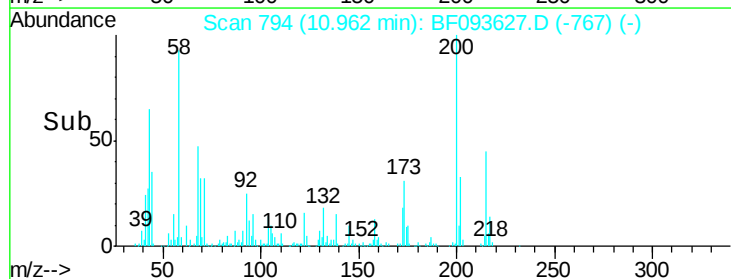
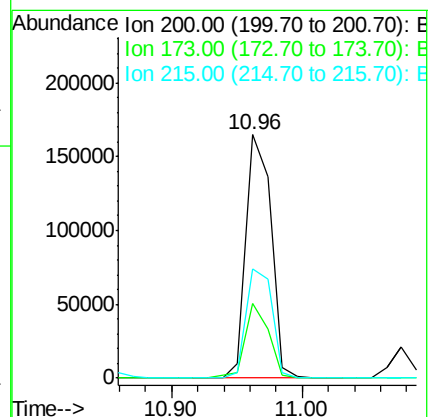
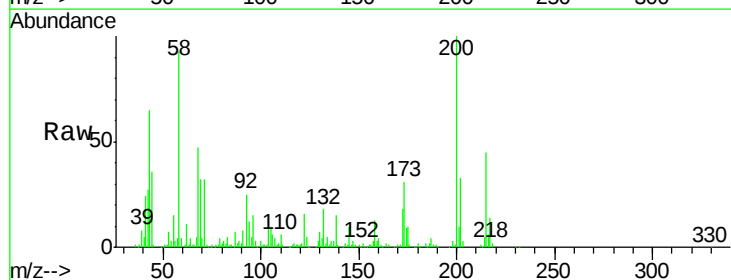
Instrument :
BNA_F
ClientSampleId :
PB97546BS

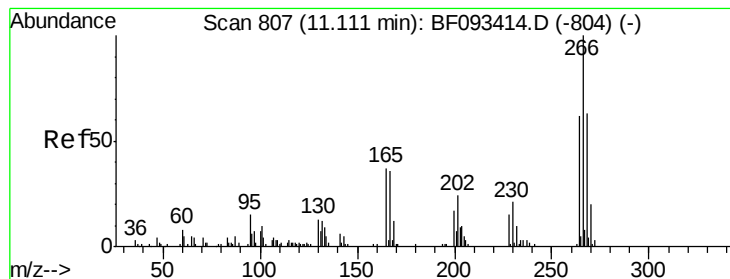
Tgt Ion:284 Resp: 258942
Ion Ratio Lower Upper
284 100
142 52.4 22.6 33.8#
249 35.8 25.4 38.0



#68
Atrazine
Concen: 36.48 ng
RT: 10.96 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion:200 Resp: 220208
Ion Ratio Lower Upper
200 100
173 30.5 9.6 49.6
215 44.6 25.7 65.7





#69

Pentachlorophenol

Concen: 67.94 ng

RT: 11.08 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

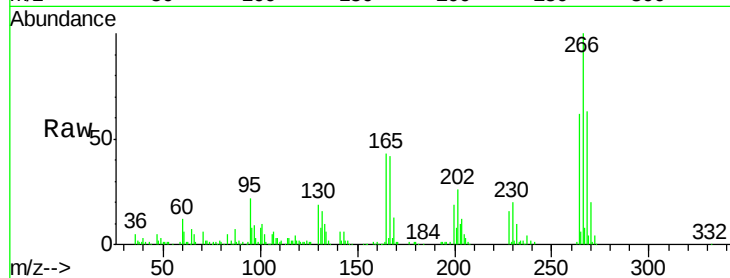
Tgt Ion:266 Resp: 146272

Ion Ratio Lower Upper

266 100

268 62.9 53.3 79.9

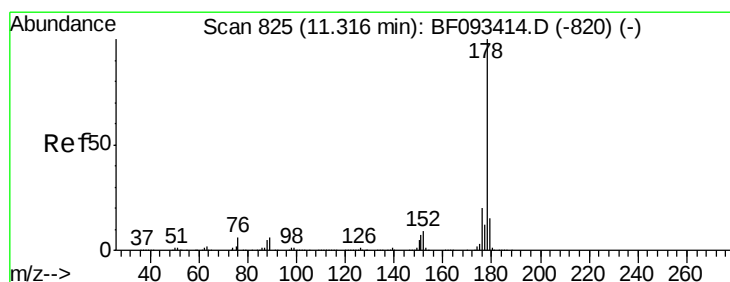
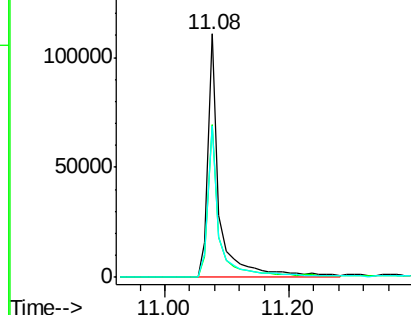
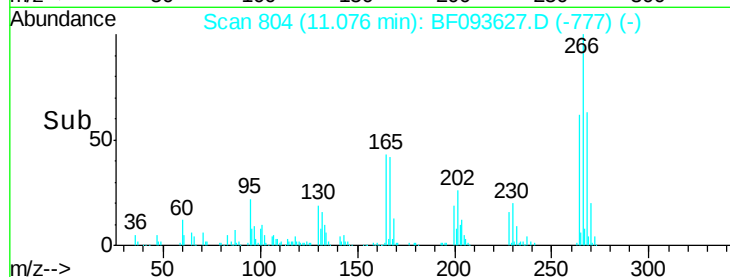
264 62.1 50.3 75.5



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: 42.01 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

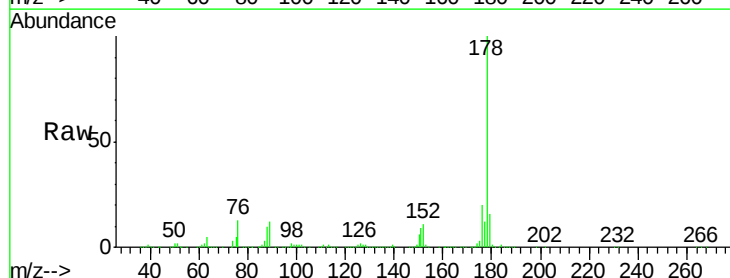
Tgt Ion:178 Resp: 1481048

Ion Ratio Lower Upper

178 100

176 20.4 16.6 25.0

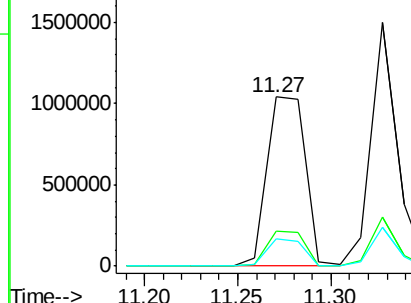
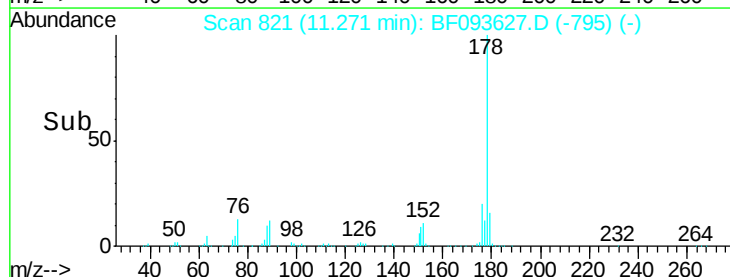
179 16.3 12.8 19.2

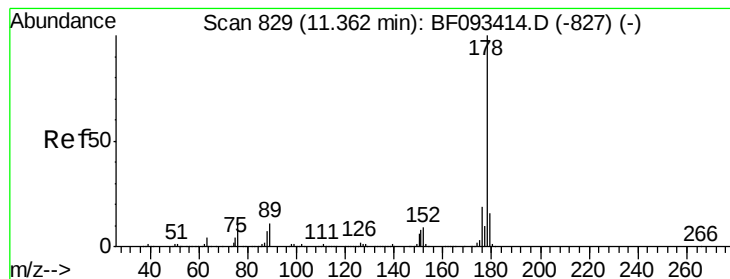


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.49 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

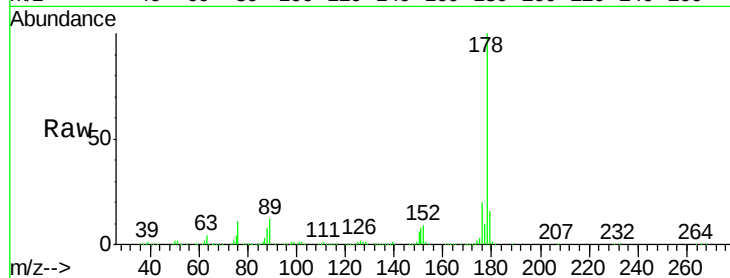
Tgt Ion:178 Resp: 1443878

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

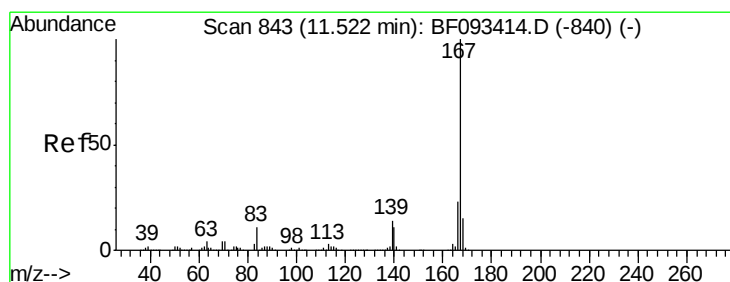
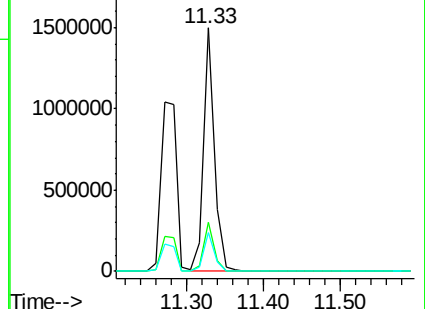
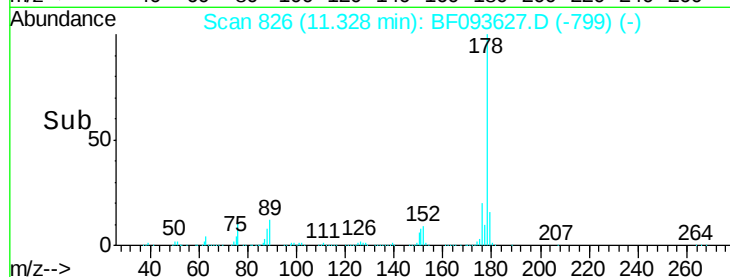
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.34 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

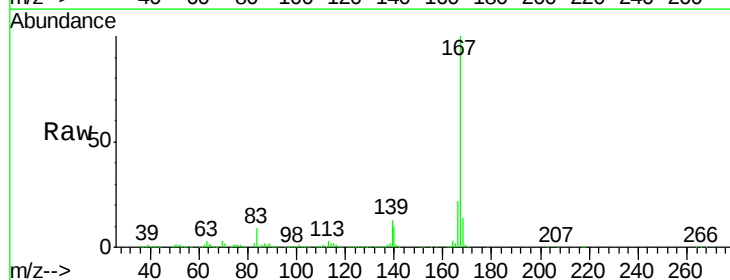
Tgt Ion:167 Resp: 1384887

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

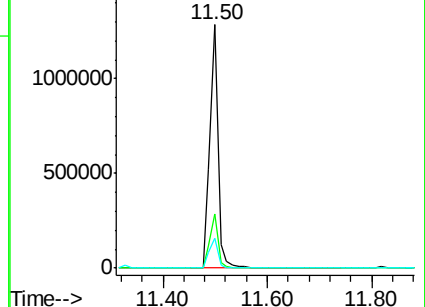
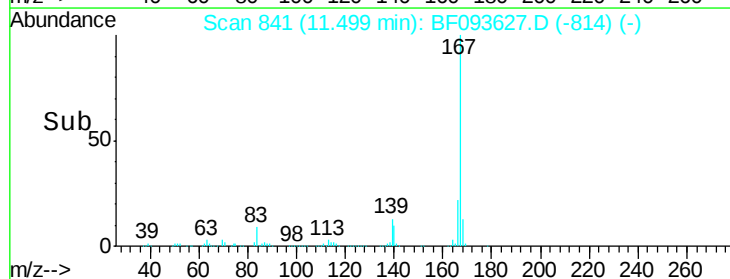
139 12.5 11.4 17.2

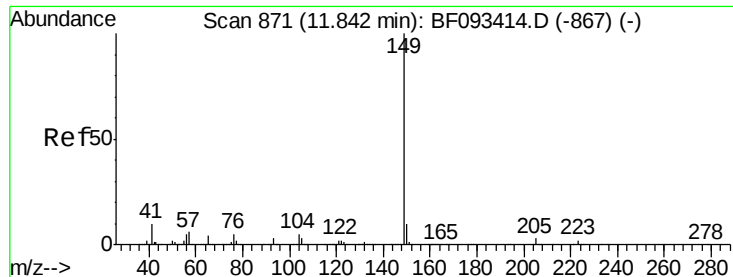


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.37 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

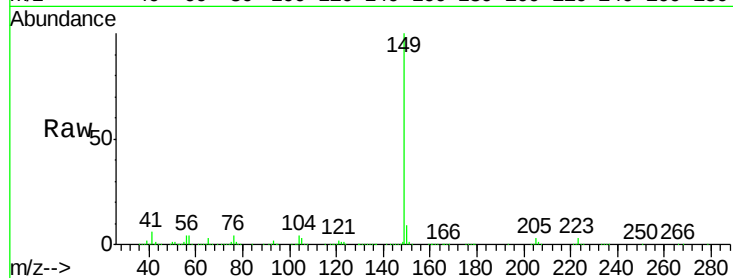
Tgt Ion:149 Resp: 1796962

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

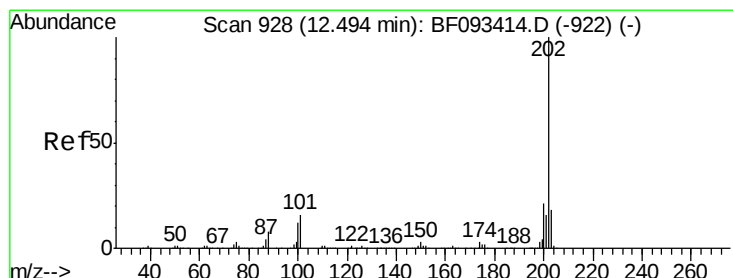
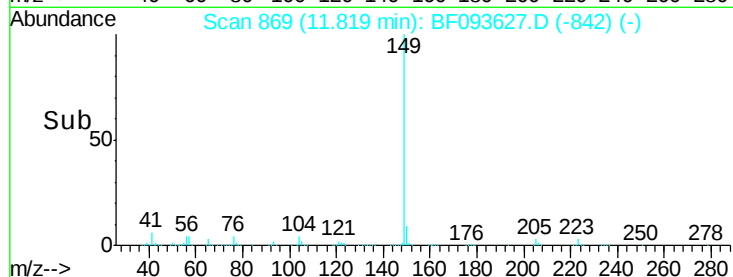
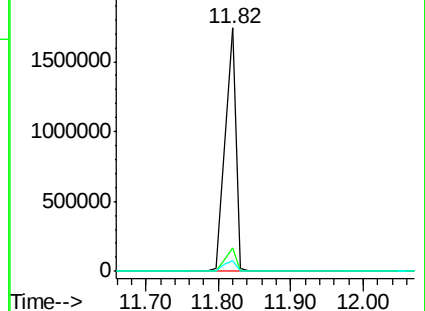
104 4.3 4.6 7.0#



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: 44.51 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

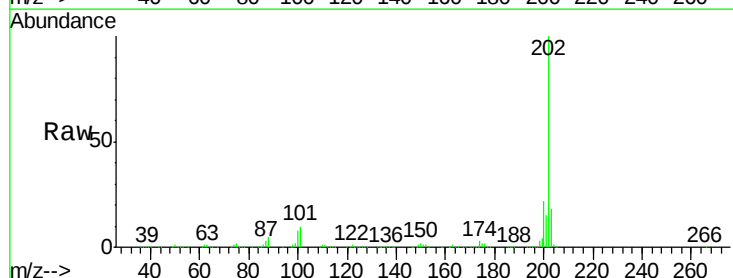
Tgt Ion:202 Resp: 1515507

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.6

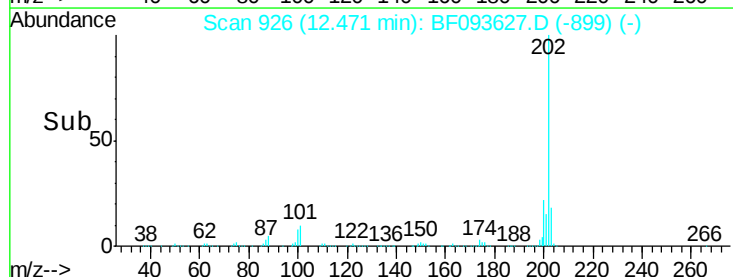
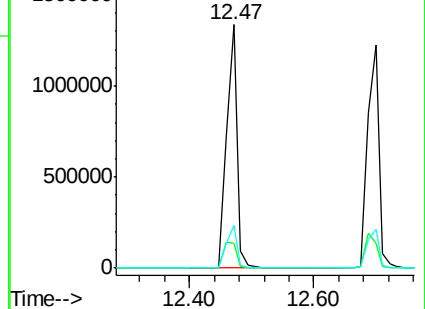
203 17.7 0.0 38.7

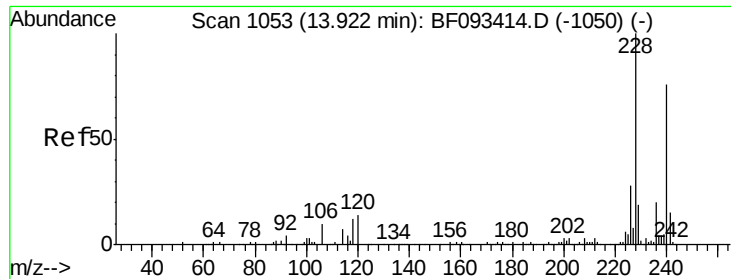


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

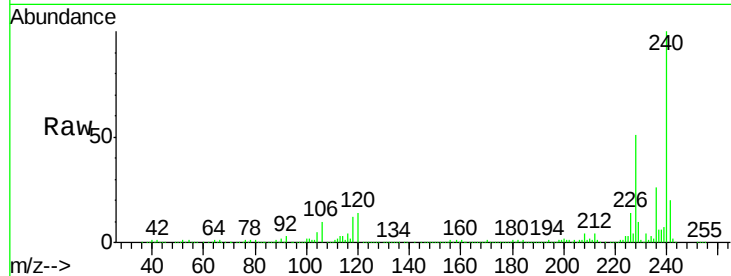
Tgt Ion:240 Resp: 485715

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

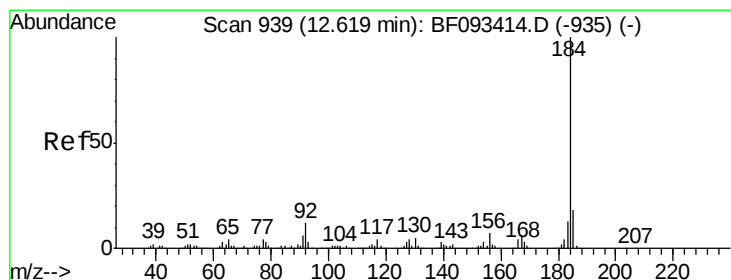
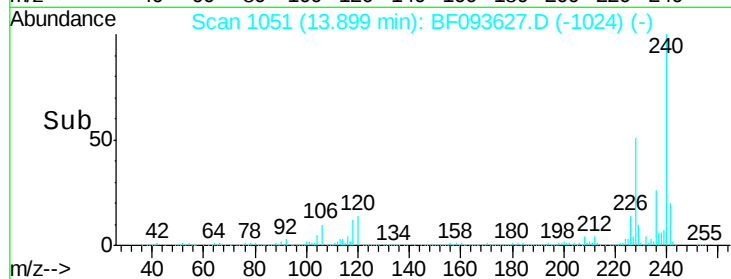
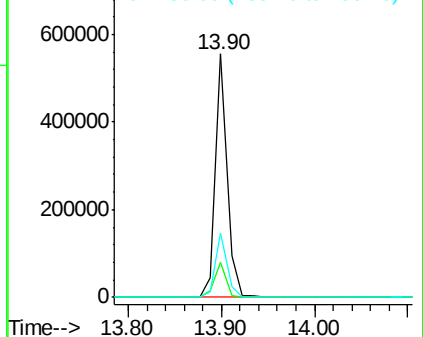
236 26.3 20.9 31.3



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: 2.98 ng

RT: 12.63 min Scan# 940

Delta R.T. 0.05 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

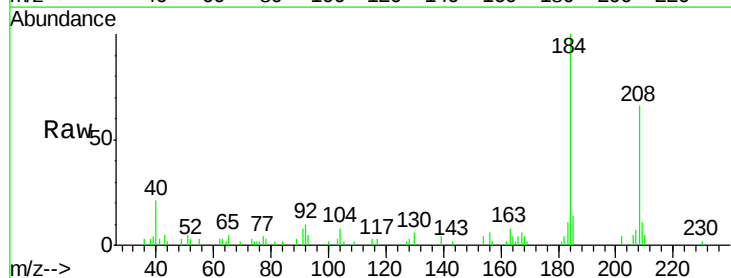
Tgt Ion:184 Resp: 47672

Ion Ratio Lower Upper

184 100

185 13.8 13.4 20.0

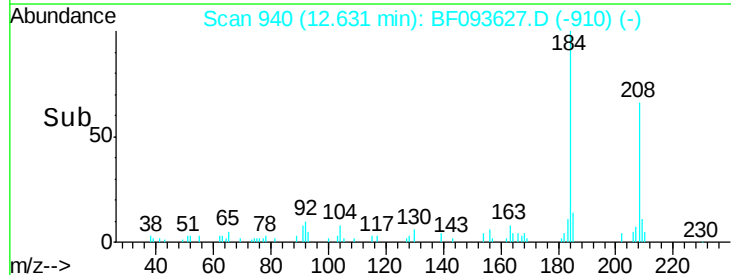
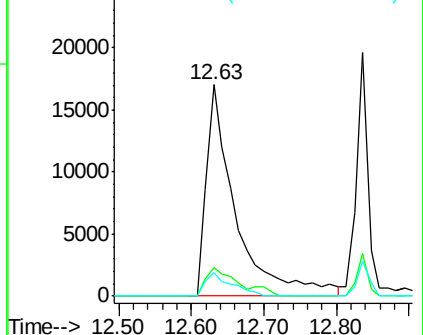
183 10.9 9.2 13.8

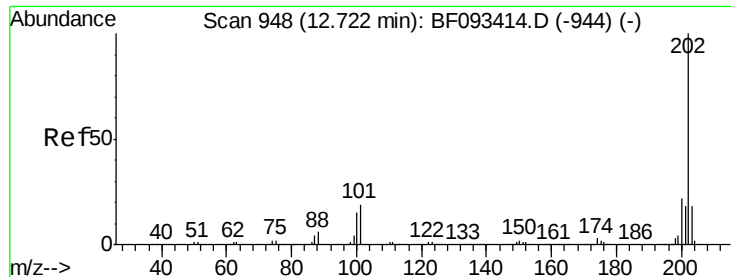


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

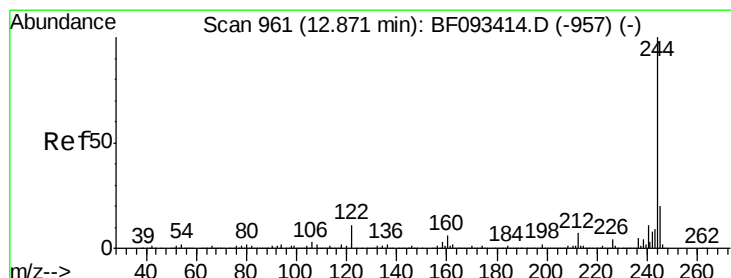
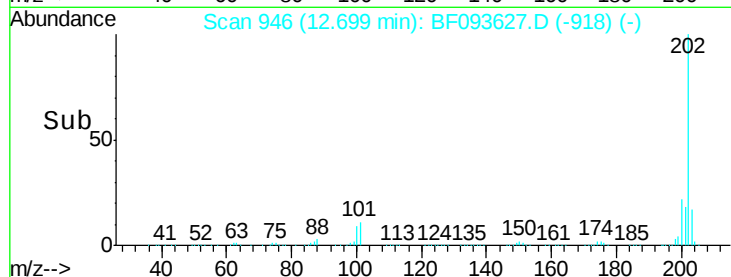
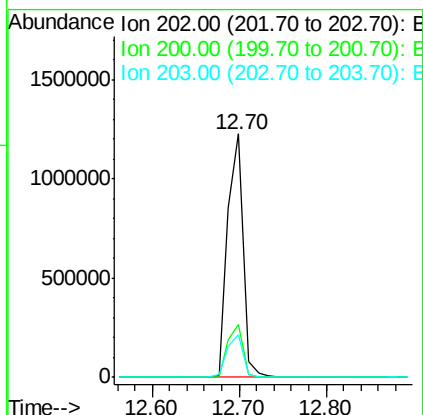
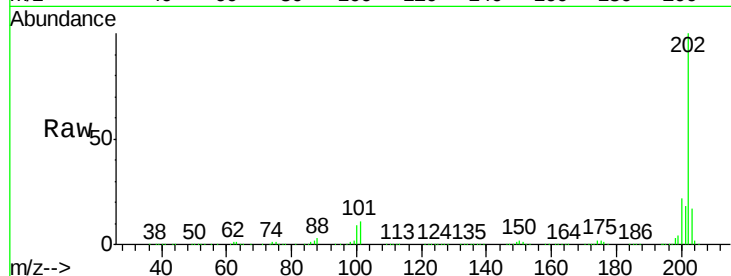




#77
 Pyrene
 Concen: 42.82 ng
 RT: 12.70 min Scan# 946
 Delta R.T. 0.02 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

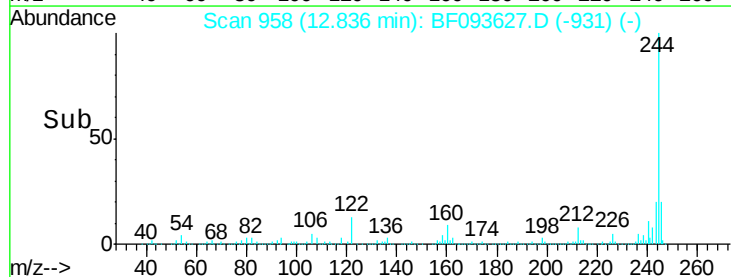
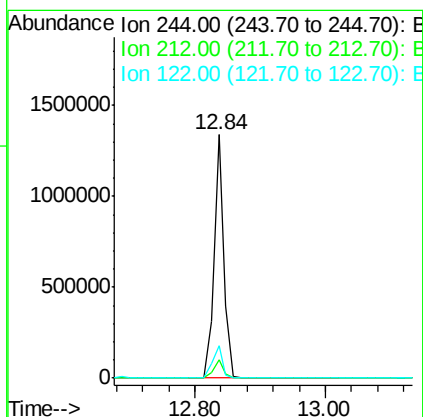
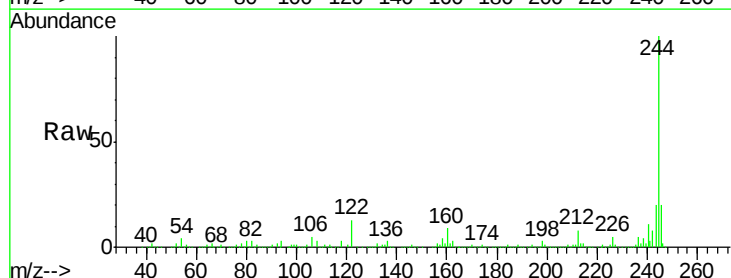
Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

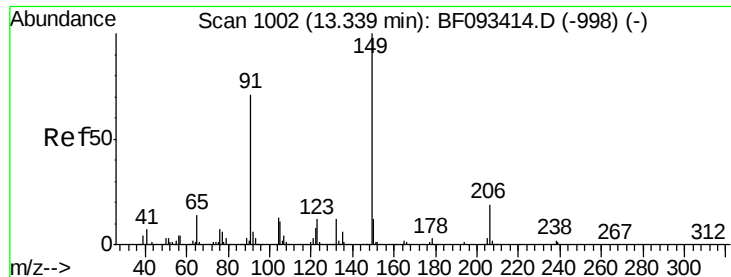
Tgt Ion: 202 Resp: 1512554
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.7 26.5
 203 17.4 14.7 22.1



#78
 Terphenyl-d14
 Concen: 76.38 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion: 244 Resp: 1426994
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.3 11.4 17.2

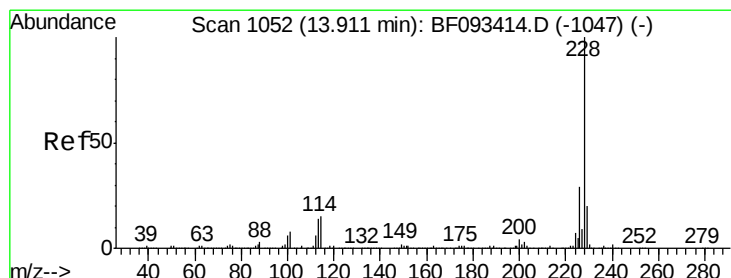
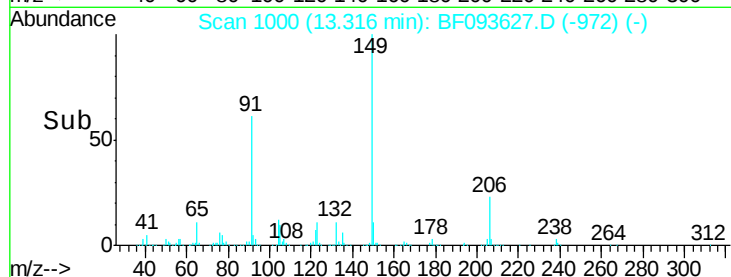
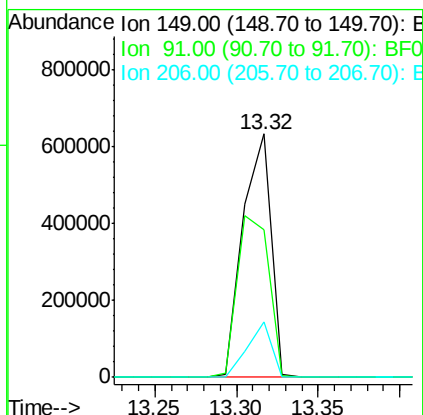
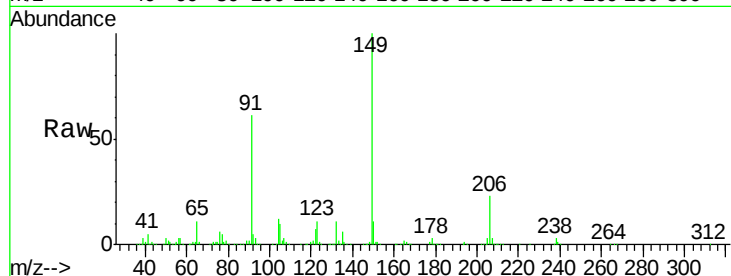




#79
Butylbenzylphthalate
Concen: 50.89 ng
RT: 13.32 min Scan# 1000
Delta R.T. 0.02 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

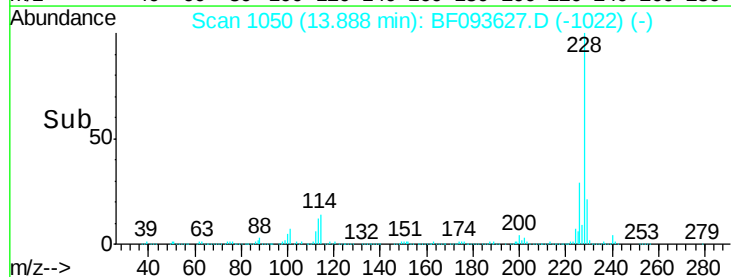
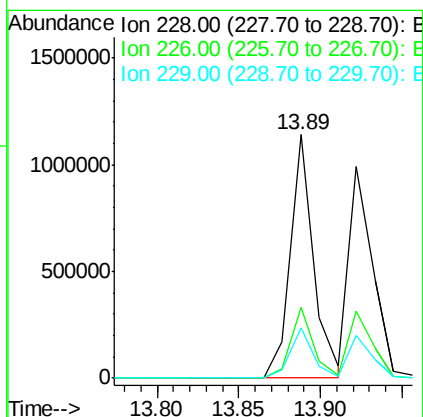
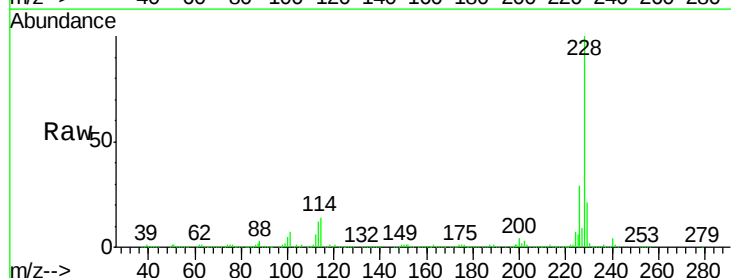
Instrument :
BNA_F
ClientSampleId :
PB97546BS

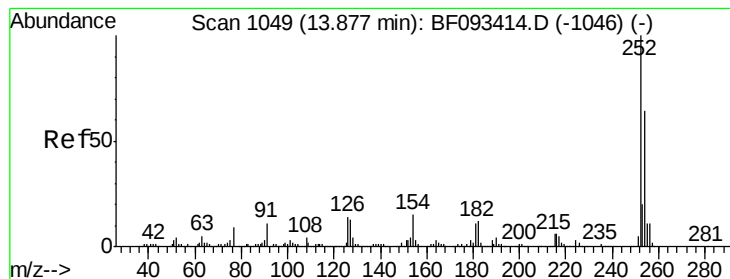
Tgt Ion:149 Resp: 756813
Ion Ratio Lower Upper
149 100
91 60.7 63.9 95.9#
206 22.8 14.6 21.8#



#80
Benzo(a)anthracene
Concen: 39.47 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion:228 Resp: 1132045
Ion Ratio Lower Upper
228 100
226 29.0 22.4 33.6
229 20.7 16.2 24.4

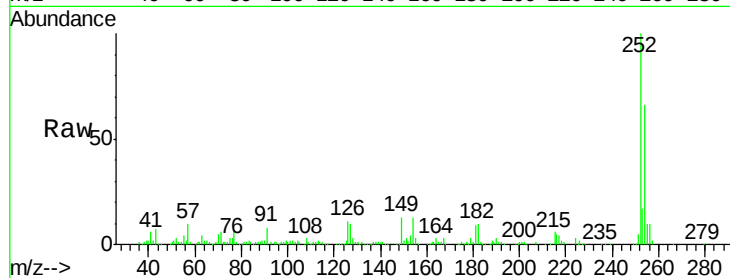




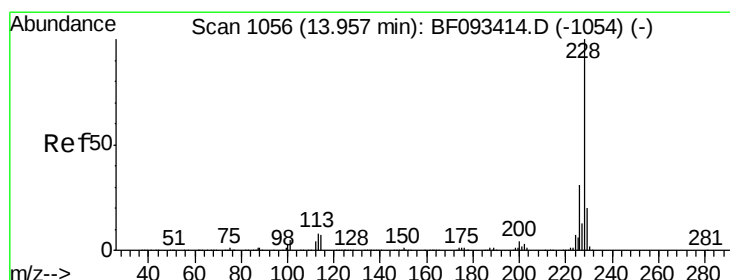
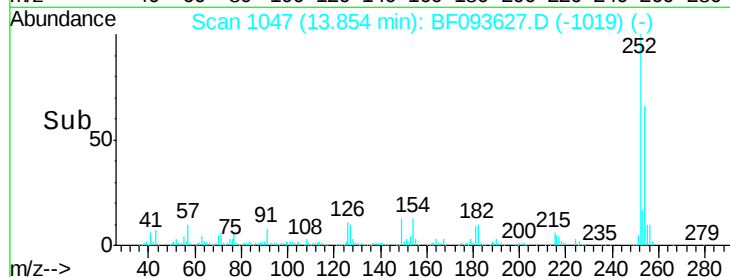
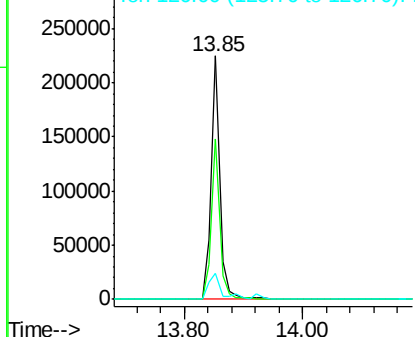
#81
 3,3'-Dichlorobenzidine
 Concen: 22.92 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97546BS

Tgt Ion:252 Resp: 230220
 Ion Ratio Lower Upper
 252 100
 254 65.8 52.3 78.5
 126 10.6 13.6 20.4#

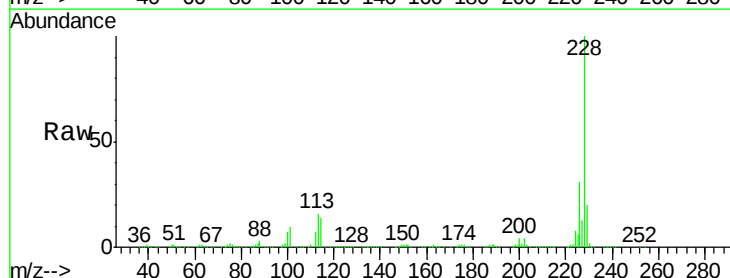


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

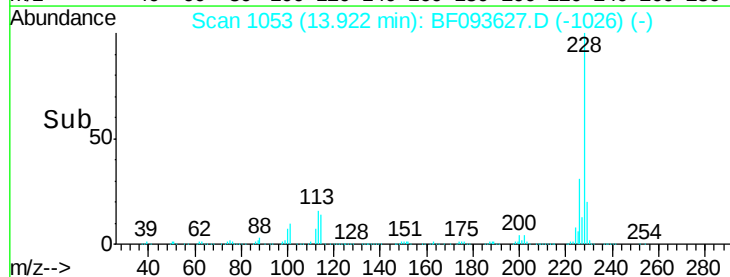
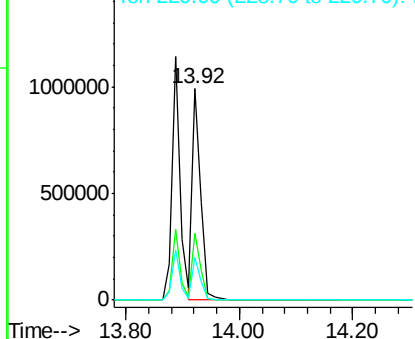


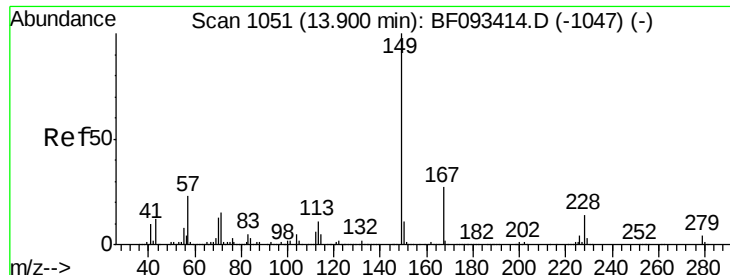
#82
 Chrysene
 Concen: 39.22 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion:228 Resp: 1040777
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.4 38.0
 229 19.9 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.22 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

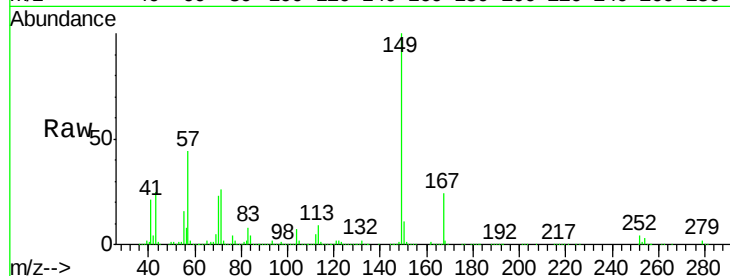
Tgt Ion:149 Resp: 999543

Ion Ratio Lower Upper

149 100

167 24.5 20.2 30.4

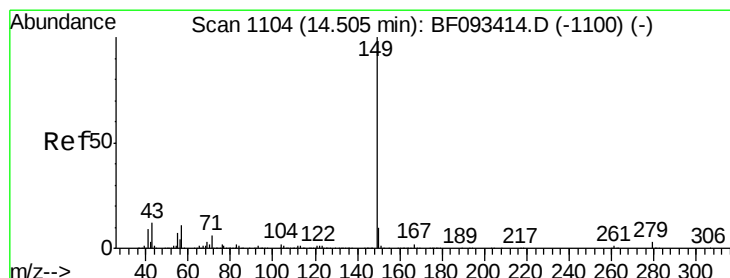
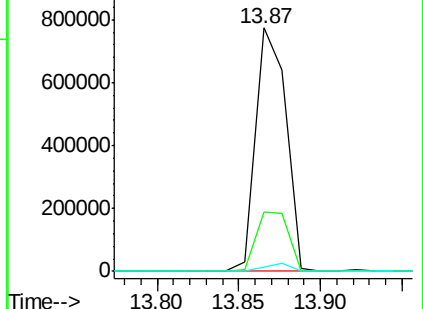
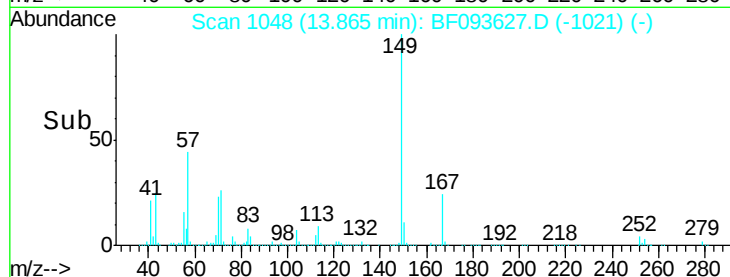
279 1.7 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.06 ng

RT: 14.48 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

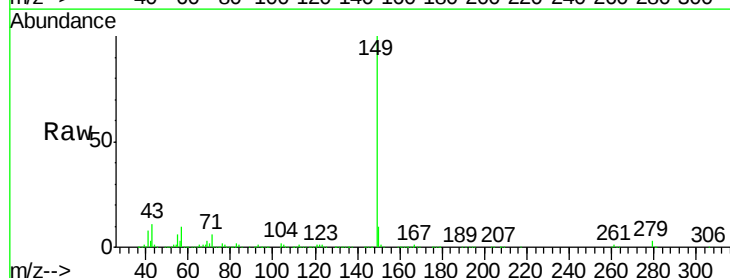
Tgt Ion:149 Resp: 1660212

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

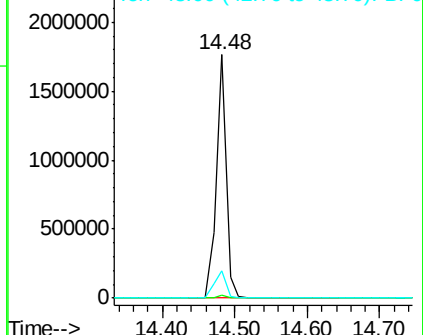
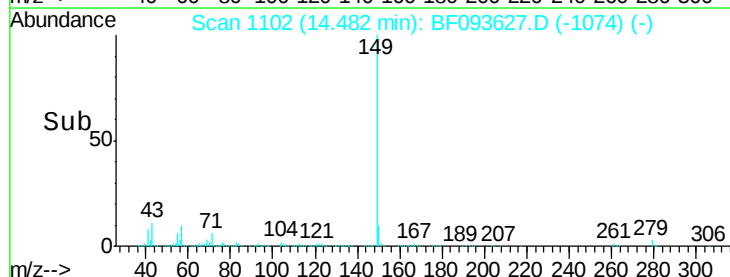
43 13.1 8.9 13.3

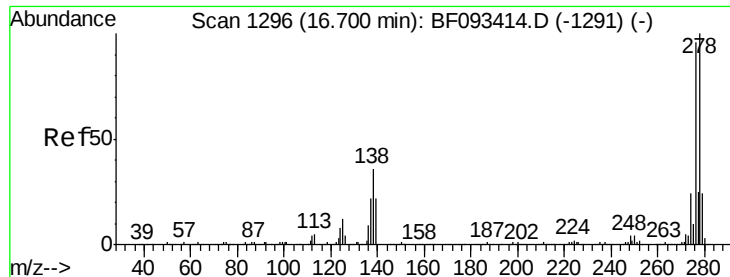


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

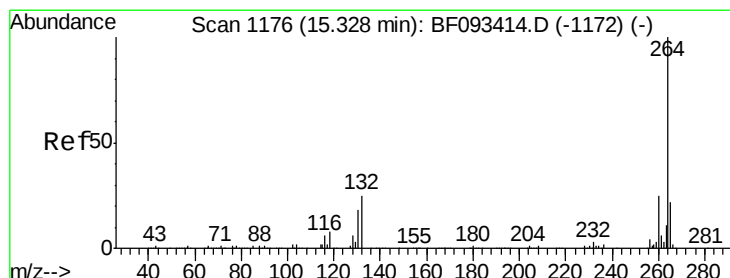
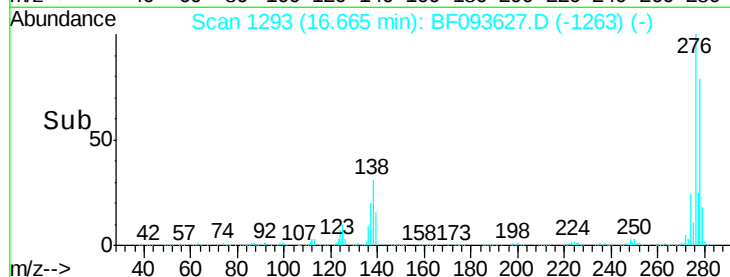
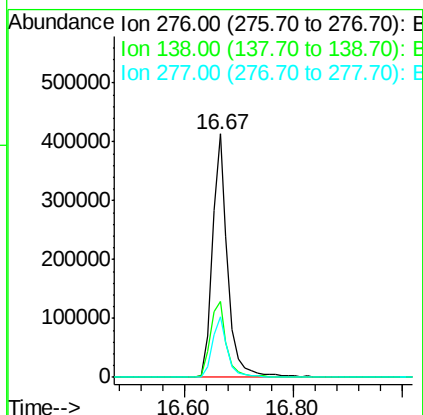
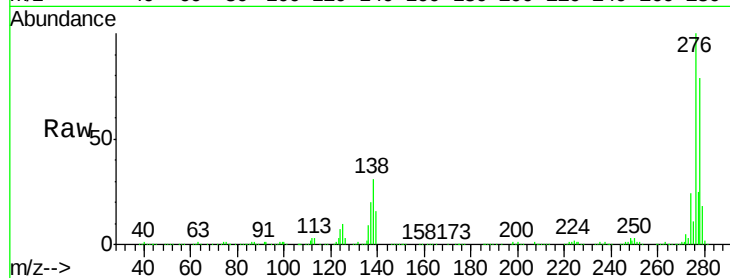




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.66 ng
 RT: 16.67 min Scan# 1293
 Delta R.T. 0.05 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

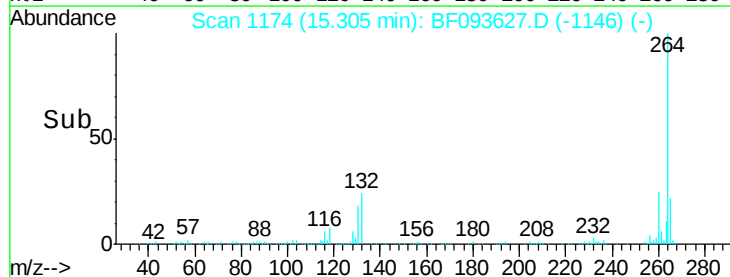
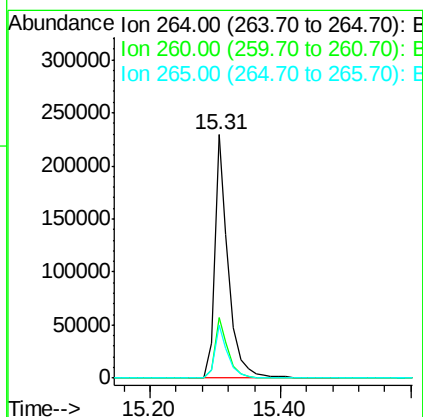
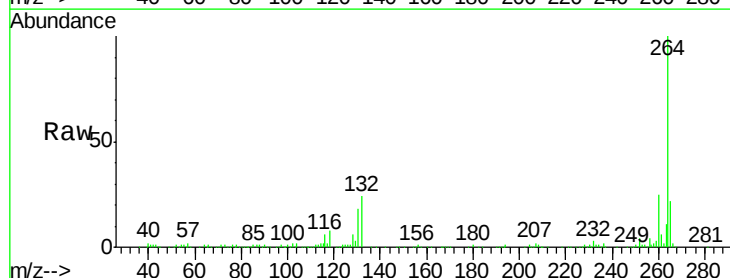
Instrument :
 BNA_F
 ClientSampled :
 PB97546BS

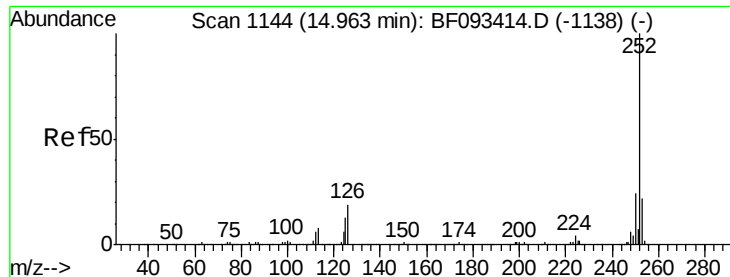
Tgt Ion: 276 Resp: 814410
 Ion Ratio Lower Upper
 276 100
 138 33.6 21.8 32.6#
 277 24.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093627.D
 Acq: 14 Mar 2017 00:40

Tgt Ion: 264 Resp: 333515
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 93.85 ng

RT: 14.94 min Scan# 1142

Delta R.T. 0.05 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampled :

PB97546BS

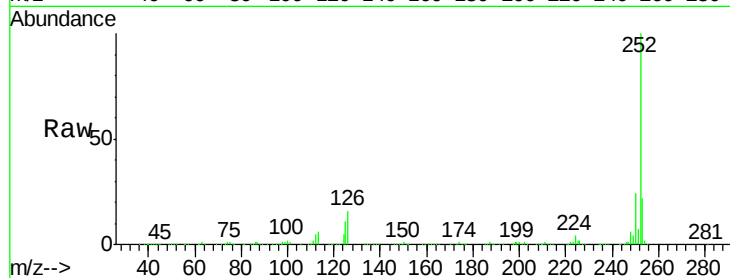
Tgt Ion:252 Resp: 1906357

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

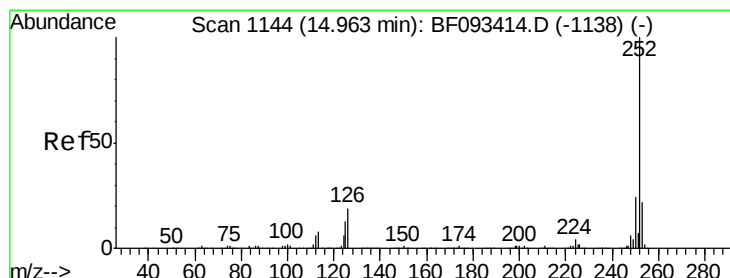
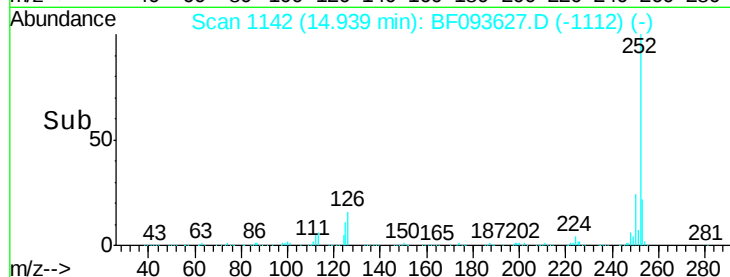
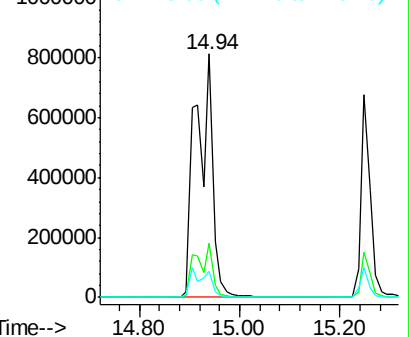
125 10.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 97.36 ng

RT: 14.94 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

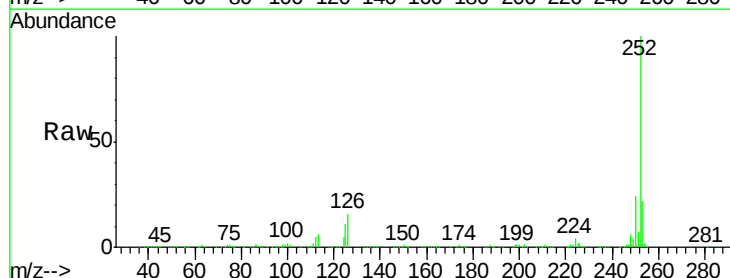
Tgt Ion:252 Resp: 1907135

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

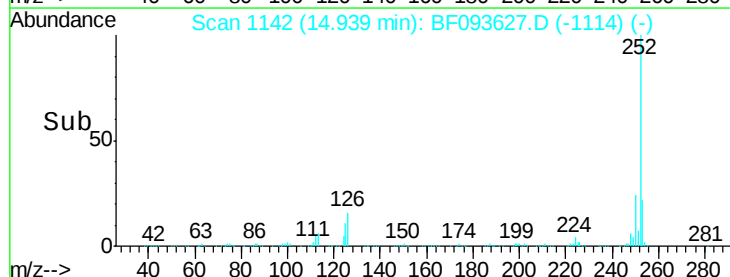
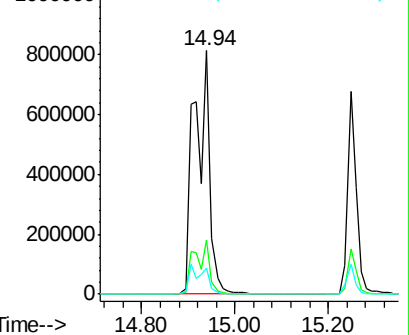
125 10.8 8.9 13.3

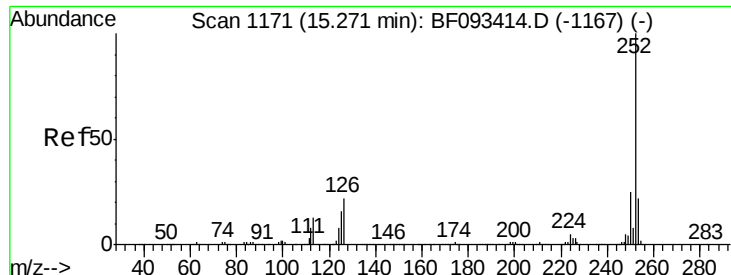


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

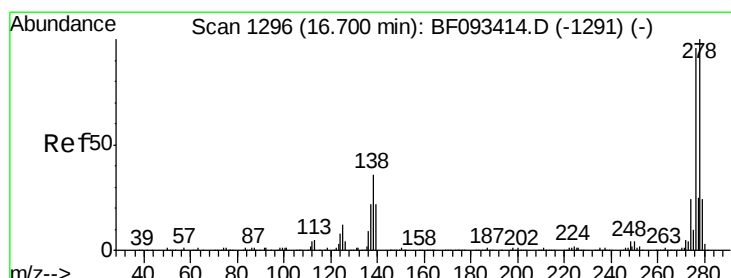
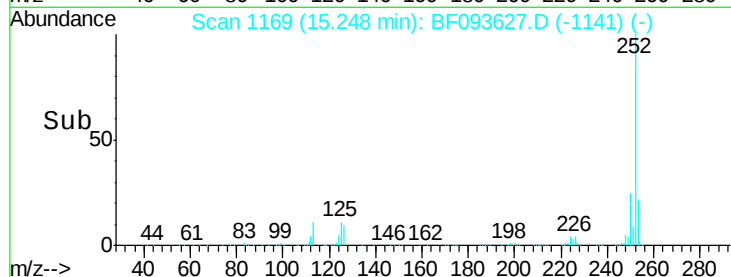
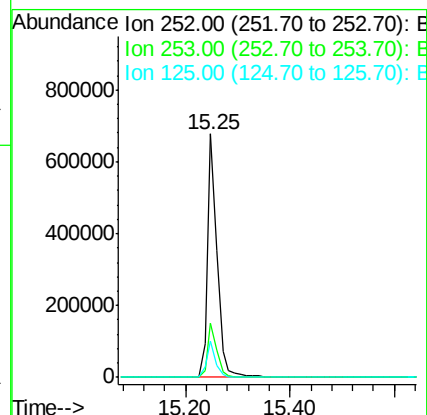
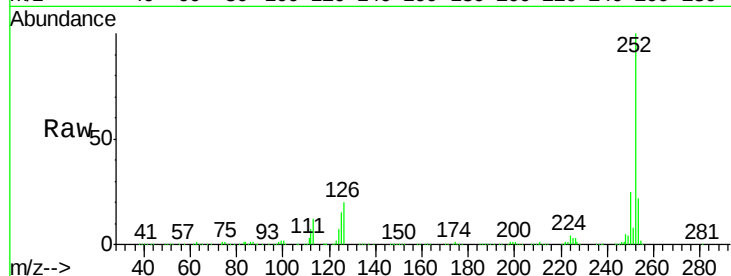




#89
Benzo(a)pyrene
Concen: 46.28 ng
RT: 15.25 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

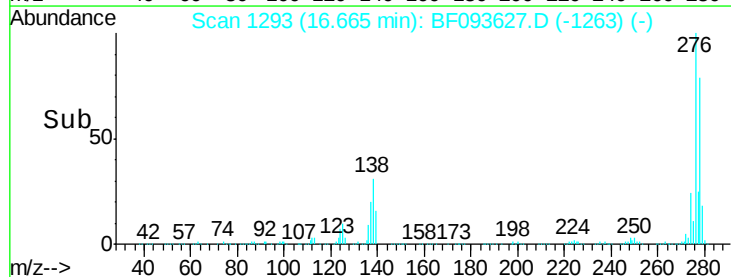
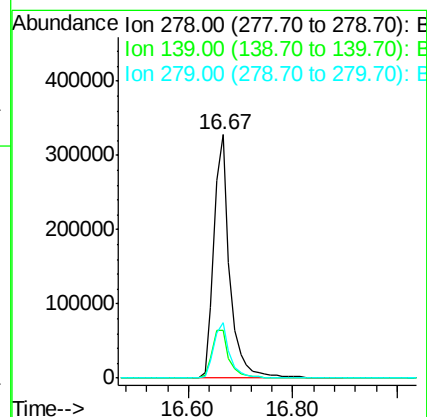
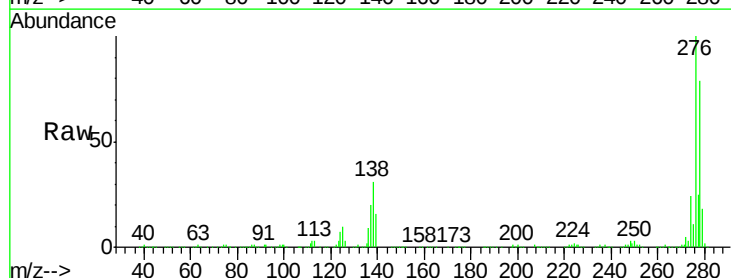
Instrument :
BNA_F
ClientSampleId :
PB97546BS

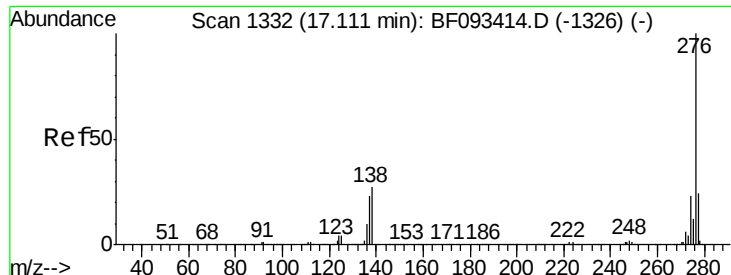
Tgt Ion: 252 Resp: 859060
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 14.7 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 45.10 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093627.D
Acq: 14 Mar 2017 00:40

Tgt Ion: 278 Resp: 692636
Ion Ratio Lower Upper
278 100
139 19.6 14.8 22.2
279 22.8 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 44.72 ng

RT: 17.07 min Scan# 1328

Delta R.T. 0.05 min

Lab File: BF093627.D

Acq: 14 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

PB97546BS

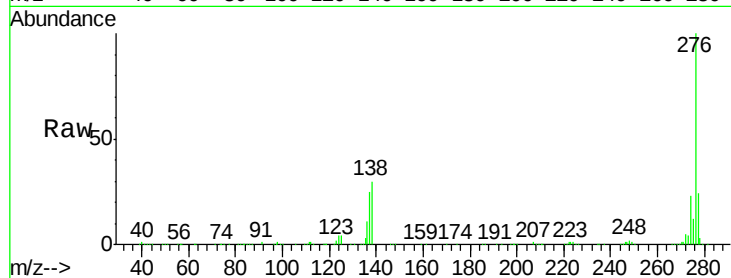
Tgt Ion:276 Resp: 704886

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 29.5 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

