

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093512.D
 Acq On : 10 Mar 2017 9:06
 Operator : SJ/MA
 Sample : I2132-05MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 10:36:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	182112	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	721346	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	327420	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	562926	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	372183	20.00	ng	-0.01
86) Perylene-d12	15.32	264	325493	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	735183	67.19	ng	0.00
7) Phenol-d6	6.41	99	553204	40.09	ng	0.00
23) Nitrobenzene-d5	7.33	82	1250065	96.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	301330	141.26	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1628508	92.51	ng	-0.02
78) Terphenyl-d14	12.85	244	1340834	93.67	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	102725	17.04	ng	86
3) Pyridine	3.03	79	221870	14.44	ng	91
4) n-Nitrosodimethylamine	2.96	42	124768	17.00	ng	86
6) Aniline	6.41	93	246869	13.04	ng	# 64
8) 2-Chlorophenol	6.54	128	461395	37.63	ng	98
9) Benzaldehyde	6.31	77	117520	10.44	ng	95
10) Phenol	6.42	94	251552	14.88	ng	93
11) bis(2-Chloroethyl)ether	6.48	93	562233	41.14	ng	85
12) 1,3-Dichlorobenzene	6.69	146	551316	39.29	ng	95
13) 1,4-Dichlorobenzene	6.77	146	556081	38.70	ng	95
14) 1,2-Dichlorobenzene	6.92	146	522415	41.06	ng	98
15) Benzyl Alcohol	6.90	79	292859	29.77	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	963301	42.43	ng	71
17) 2-Methylphenol	7.03	107	316913	30.56	ng	# 78
18) Hexachloroethane	7.25	117	182506	37.67	ng	# 85
19) n-Nitroso-di-n-propylamine	7.18	70	479962	50.59	ng	98
20) 3+4-Methylphenols	7.19	107	400131	29.75	ng	# 72
22) Acetophenone	7.17	105	791024	45.57	ng	99
24) Nitrobenzene	7.34	77	632849	43.31	ng	95
25) Isophorone	7.58	82	1164953	44.44	ng	# 93
26) 2-Nitrophenol	7.66	139	297550	44.63	ng	93
27) 2,4-Dimethylphenol	7.70	122	420284	38.75	ng	97
28) bis(2-Chloroethoxy)methane	7.80	93	781311	47.21	ng	99
29) 2,4-Dichlorophenol	7.91	162	473671	46.43	ng	90
30) 1,2,4-Trichlorobenzene	7.98	180	441043	40.65	ng	96
31) Naphthalene	8.06	128	1543280	42.69	ng	98
32) Benzoic acid	7.83	122	67042	11.90	ng	94
33) 4-Chloroaniline	8.13	127	158233	10.79	ng	98
34) Hexachlorobutadiene	8.17	225	227359	40.68	ng	98
35) Caprolactam	8.50	113	22190	6.37	ng	# 51
36) 4-Chloro-3-methylphenol	8.62	107	425531	39.08	ng	93
37) 2-Methylnaphthalene	8.74	142	952557	41.42	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	446516	49.94	ng	99
40) Hexachlorocyclopentadiene	8.89	237	97306	48.70	ng	98

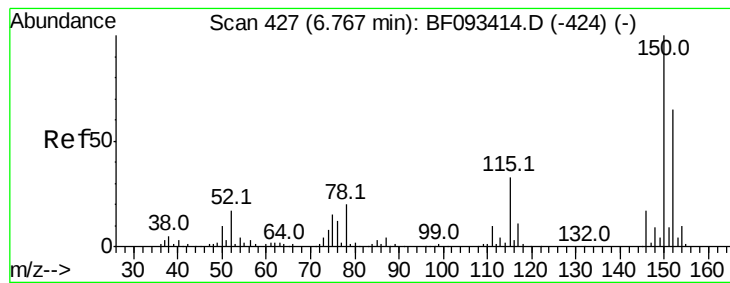
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	296131	53.01	nq	94
43) 2,4,5-Trichlorophenol	9.09	196	286229	47.76	nq	95
45) 1,1'-Biphenyl	9.21	154	1232663	51.68	nq	98
46) 2-Chloronaphthalene	9.24	162	927667	50.81	nq	96
47) 2-Nitroaniline	9.35	65	373050	57.80	nq	93
48) Acenaphthylene	9.65	152	1384217	45.97	nq	99
49) Dimethylphthalate	9.52	163	1254577	57.80	nq	99
50) 2,6-Dinitrotoluene	9.59	165	242020	50.81	nq	# 68
51) Acenaphthene	9.82	154	821702	46.15	nq	96
52) 3-Nitroaniline	9.76	138	97025	16.96	nq	95
53) 2,4-Dinitrophenol	9.89	184	136231	62.81	nq	# 61
54) Dibenzofuran	9.99	168	1184748	53.16	nq	100
55) 4-Nitrophenol	9.99	139	530872	191.01	nq	# 8
56) 2,4-Dinitrotoluene	10.00	165	322747	55.16	nq	99
57) Fluorene	10.33	166	913063	48.35	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	225440	53.30	nq	96
59) Diethylphthalate	10.22	149	1160565	55.94	nq	95
60) 4-Chlorophenyl-phenylether	10.32	204	440291	52.01	nq	98
61) 4-Nitroaniline	10.38	138	205847	35.17	nq	96
62) Azobenzene	10.48	77	1350535	57.29	nq	91
64) 4,6-Dinitro-2-methylphenol	10.41	198	109733	30.09	nq	# 18
65) n-Nitrosodiphenylamine	10.45	169	848713	45.15	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	259986	43.68	nq	98
67) Hexachlorobenzene	10.88	284	249521	43.90	nq	# 72
68) Atrazine	10.98	200	286343	52.05	nq	98
69) Pentachlorophenol	11.09	266	148650	75.75	nq	95
70) Phenanthrene	11.29	178	1349120	41.99	nq	99
71) Anthracene	11.35	178	1440605	44.32	nq	99
72) Carbazole	11.51	167	1212719	39.72	nq	100
73) Di-n-butylphthalate	11.83	149	1565493	44.32	nq	98
74) Fluoranthene	12.48	202	1195367	38.51	nq	98
76) Benzidine	12.61	184	441846	36.10	nq	98
77) Pyrene	12.71	202	1186062	43.82	nq	99
79) Butylbenzylphthalate	13.33	149	631520	55.42	nq	87
80) Benzo(a)anthracene	13.90	228	927583	42.20	nq	100
81) 3,3'-Dichlorobenzidine	13.87	252	232689	30.23	nq	# 95
82) Chrysene	13.93	228	846019	41.60	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	803054	50.56	nq	# 99
84) Di-n-octyl phthalate	14.49	149	1250365	47.24	nq	96
85) Indeno(1,2,3-cd)pyrene	16.69	276	891943	52.40	nq	# 93
87) Benzo(b)fluoranthene	14.95	252	1766287	89.10	nq	99
88) Benzo(k)fluoranthene	14.95	252	1766287	92.39	nq	99
89) Benzo(a)pyrene	15.26	252	849930	46.91	nq	# 96
90) Dibenzo(a,h)anthracene	16.69	278	764840	51.03	nq	99
91) Benzo(g,h,i)perylene	17.09	276	767149	49.87	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

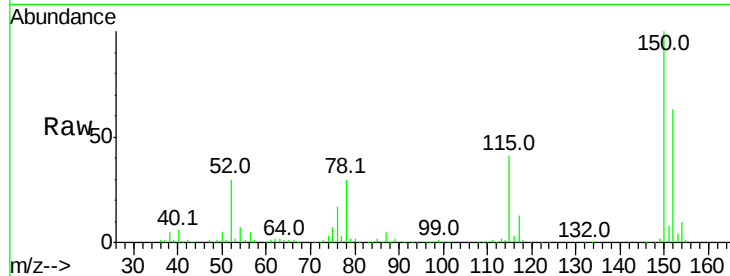
Tot Ion:152 Resp: 182112

Ion Ratio Lower Upper

152 100

150 157.7 124.9 187.3

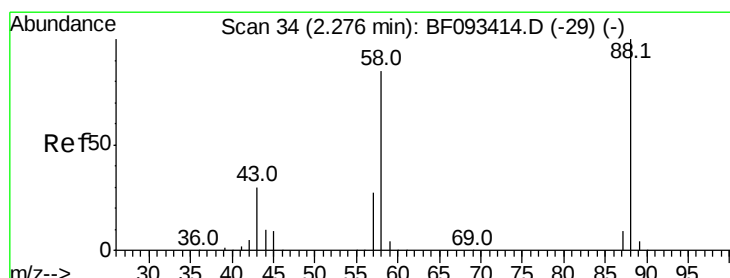
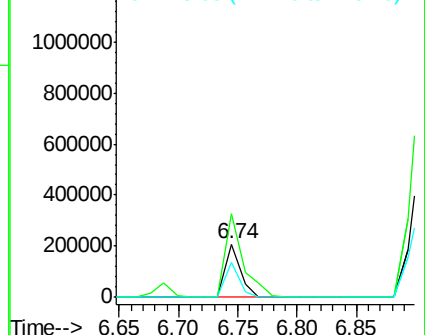
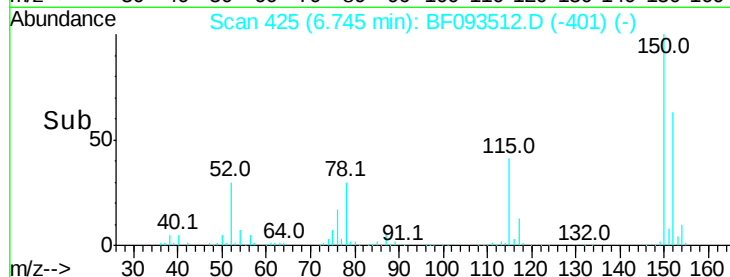
115 65.3 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 17.04 ng

RT: 2.30 min Scan# 36

Delta R.T. 0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

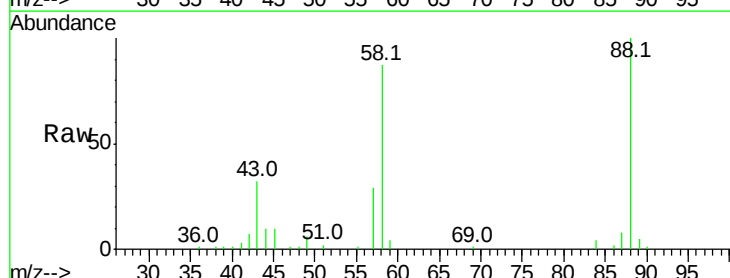
Tgt Ion: 88 Resp: 102725

Ion Ratio Lower Upper

88 100

58 85.5 57.8 86.8

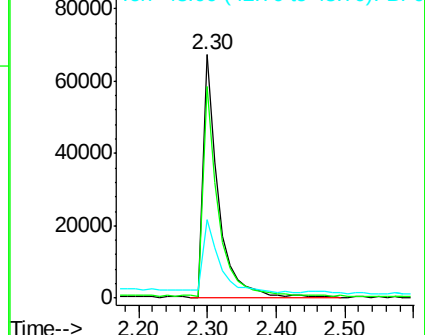
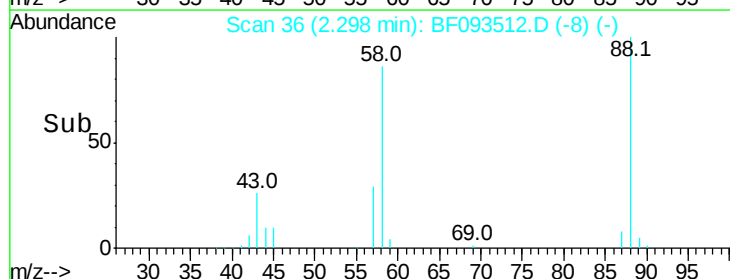
43 32.9 22.3 33.5

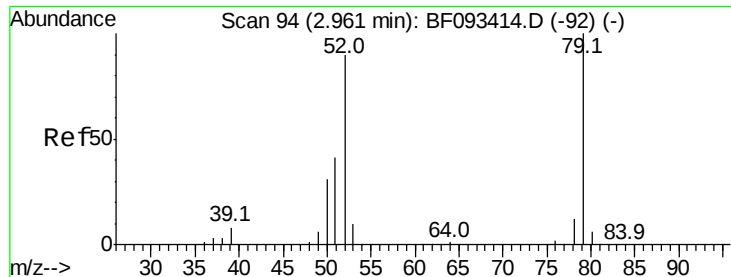


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 14.44 ng

RT: 3.03 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

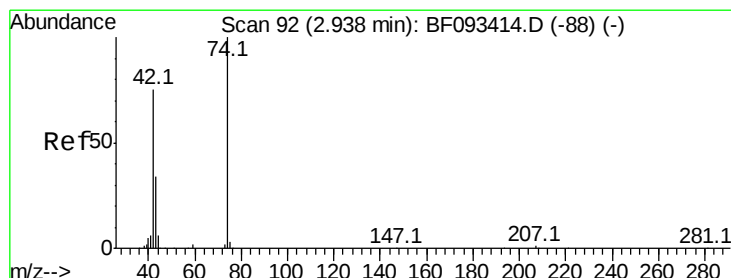
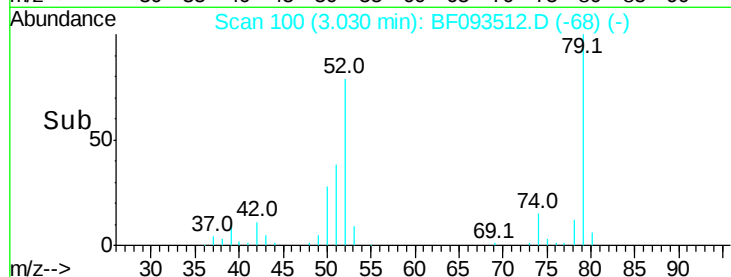
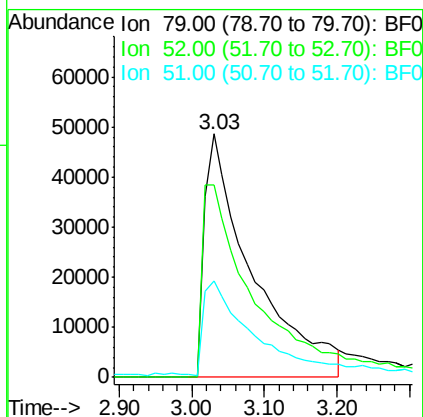
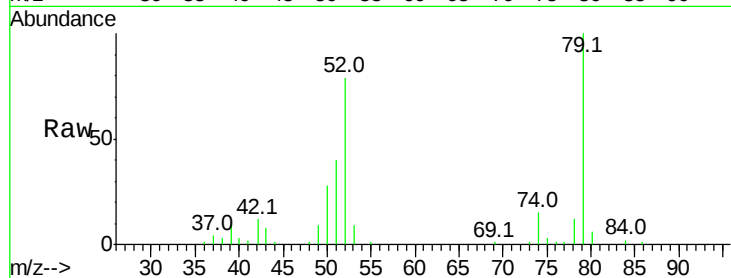
Tot Ion: 79 Resp: 221870

Ion Ratio Lower Upper

79 100

52 79.2 57.1 85.7

51 39.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 17.00 ng

RT: 2.96 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

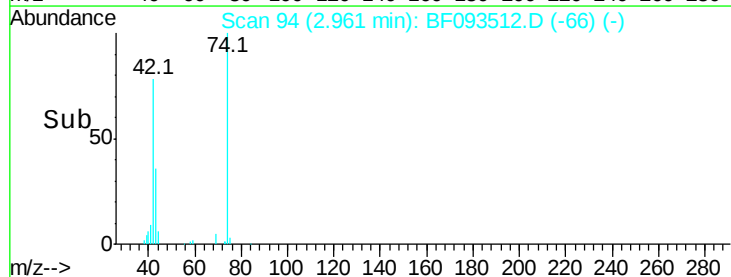
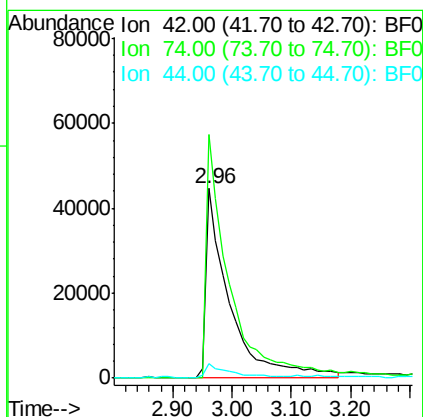
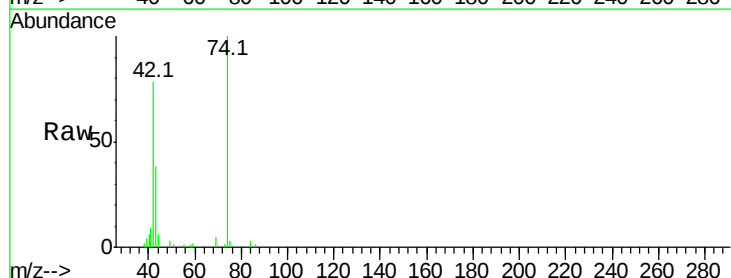
Tgt Ion: 42 Resp: 124768

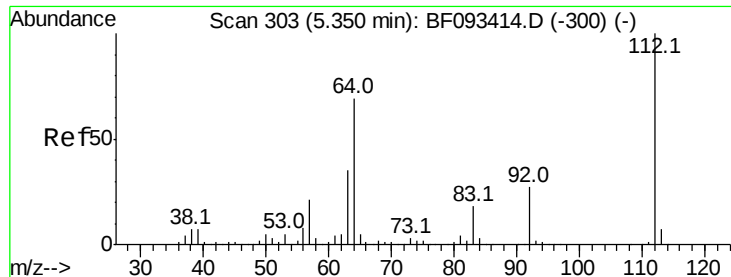
Ion Ratio Lower Upper

42 100

74 128.5 117.0 175.4

44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 67.19 ng

RT: 5.35 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF093512.D

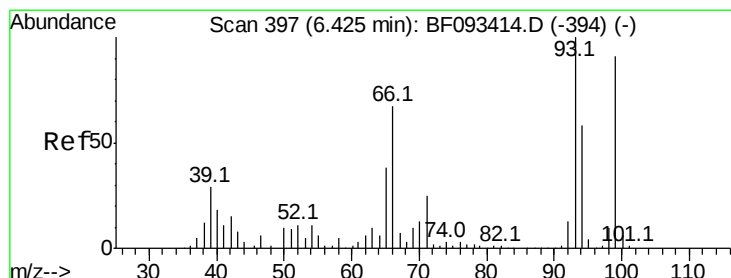
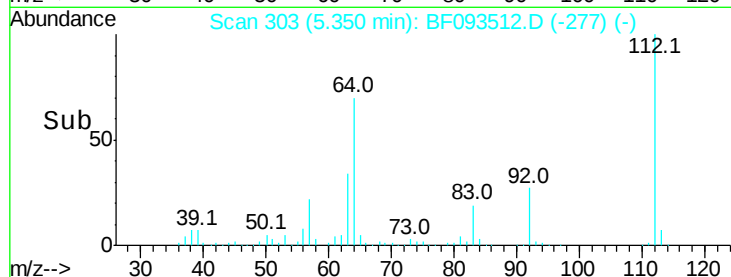
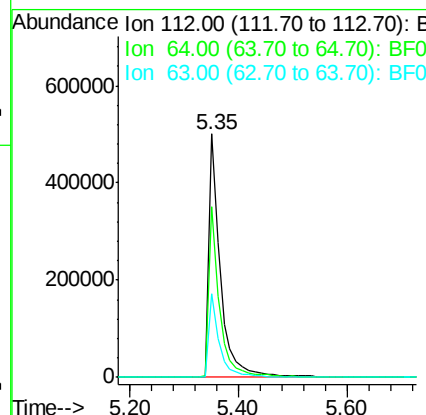
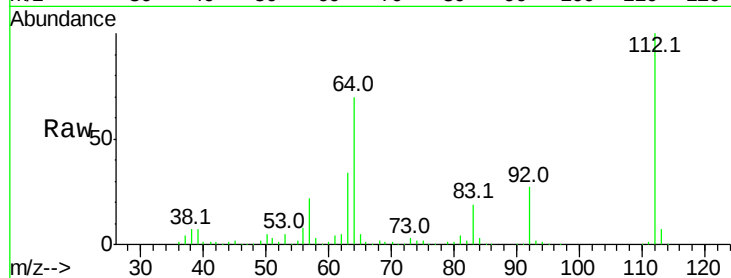
Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	735183
Ion	Ratio	Lower	Upper
112	100		
64	69.9	46.1	69.1#
63	34.2	23.8	35.6



#6

Aniline

Concen: 13.04 ng

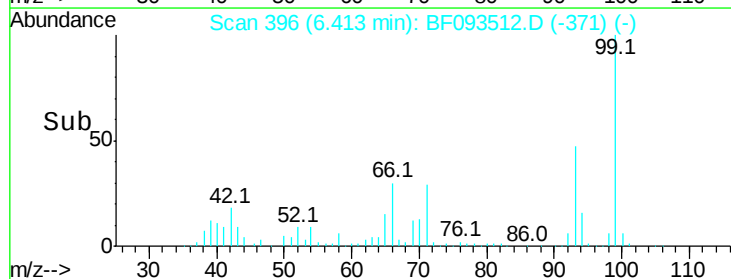
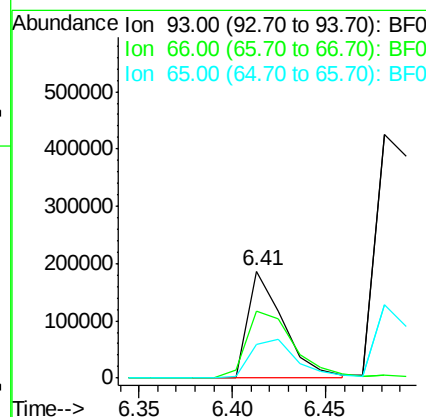
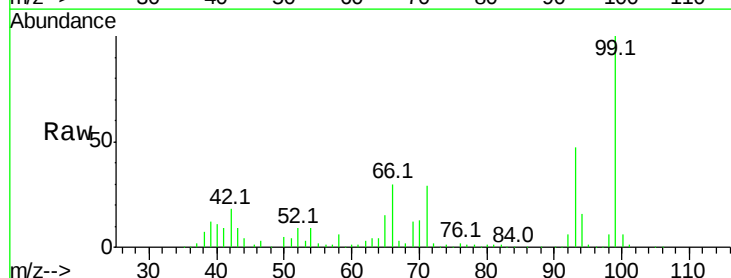
RT: 6.41 min Scan# 396

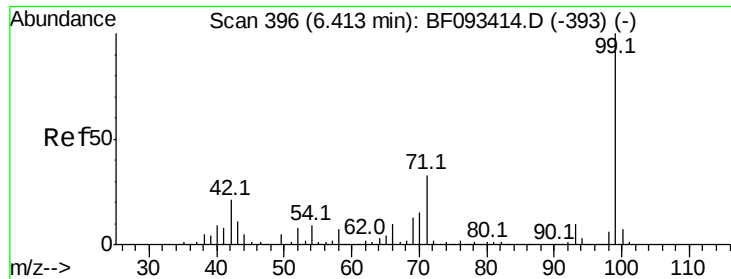
Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Tgt Ion:	93	Resp:	246869
Ion	Ratio	Lower	Upper
93	100		
66	63.1	76.2	114.2#
65	31.0	49.3	73.9#





#7

Phenol-d6

Concen: 40.09 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

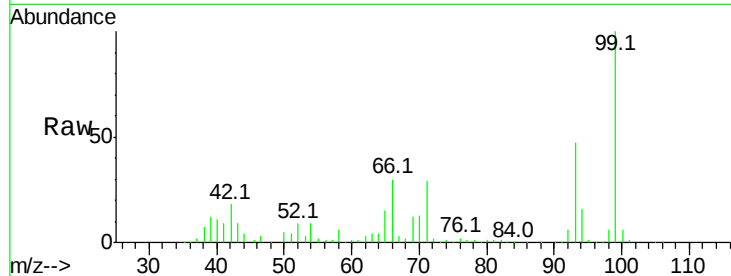
Tot Ion: 99 Resp: 553204

Ion Ratio Lower Upper

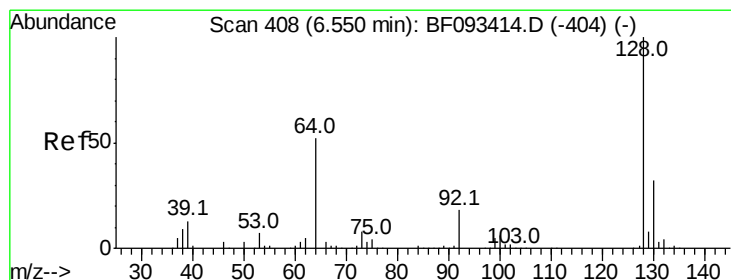
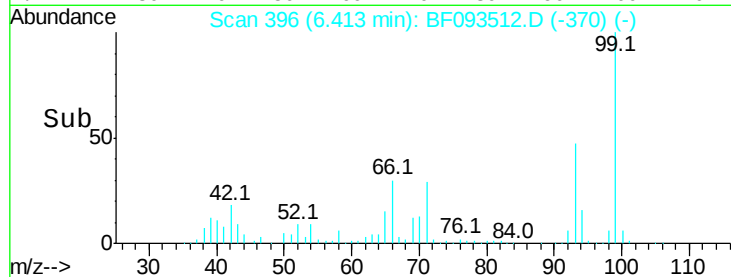
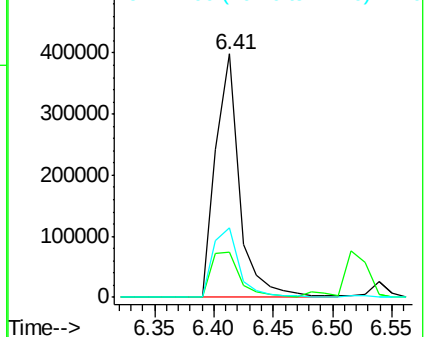
99 100

42 18.4 15.6 23.4

71 28.8 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: 37.63 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

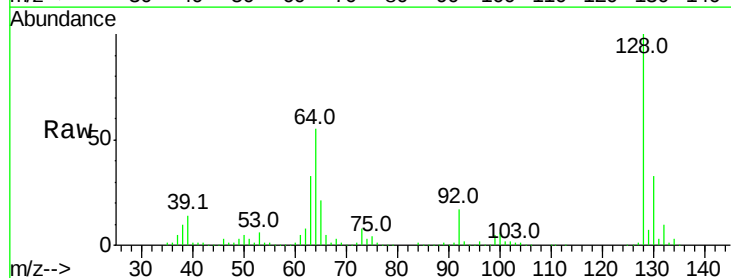
Tgt Ion: 128 Resp: 461395

Ion Ratio Lower Upper

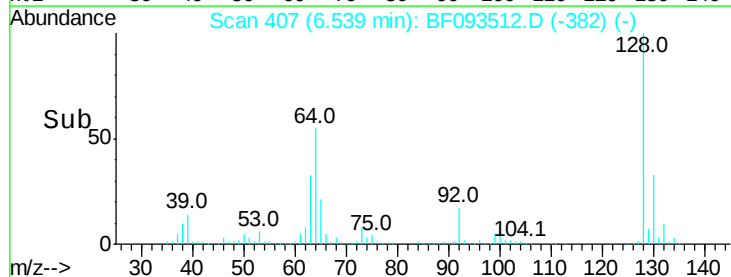
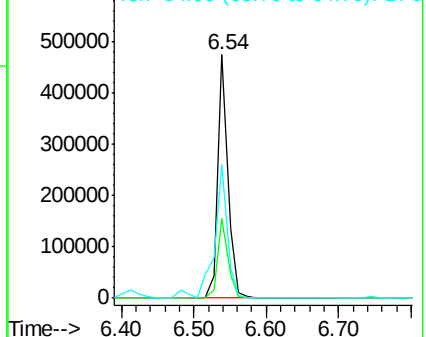
128 100

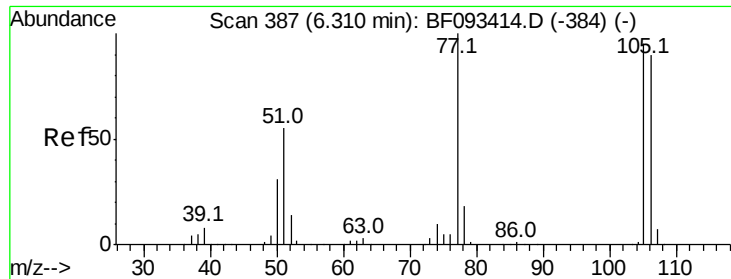
130 32.8 12.3 52.3

64 54.6 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: 10.44 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

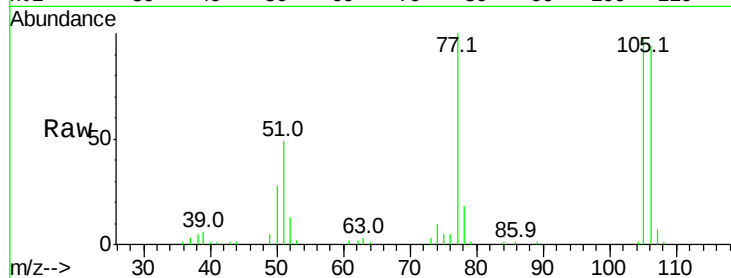
Tot Ion: 77 Resp: 117520

Ion Ratio Lower Upper

77 100

105 97.8 83.9 123.9

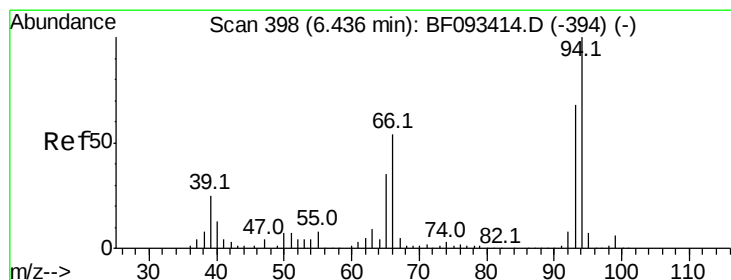
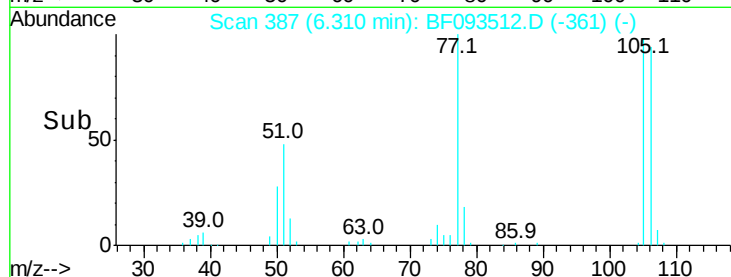
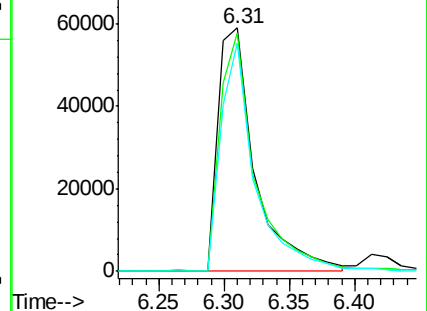
106 93.7 77.6 117.6



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: 14.88 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

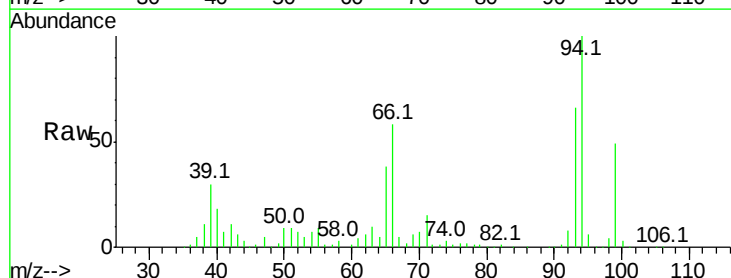
Tgt Ion: 94 Resp: 251552

Ion Ratio Lower Upper

94 100

65 37.9 21.4 61.4

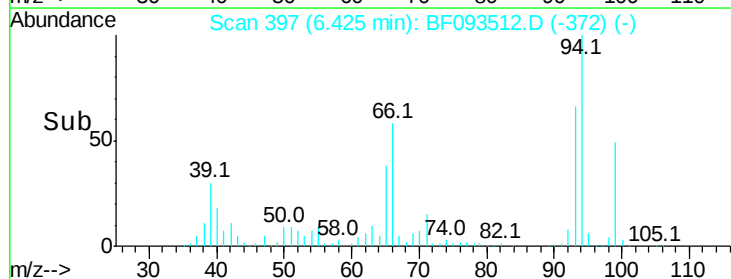
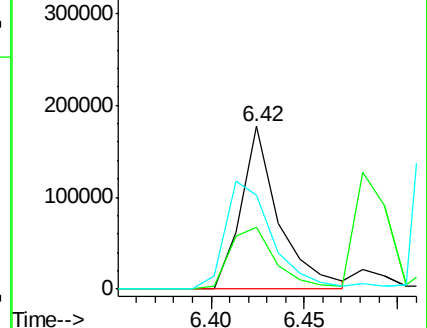
66 58.0 44.0 84.0



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

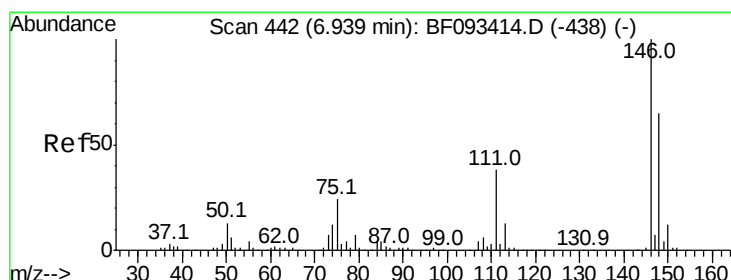
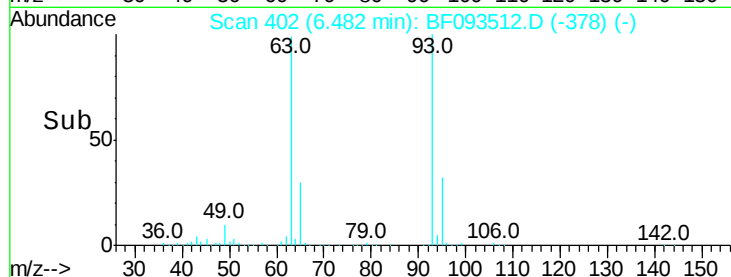
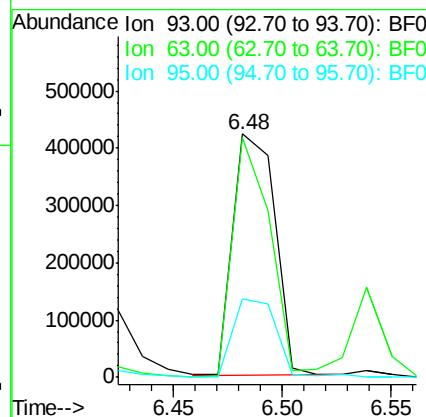
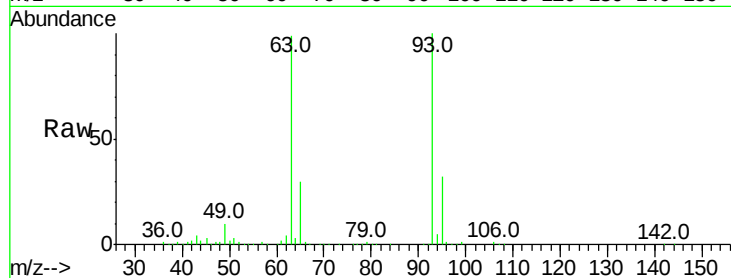




#11
bis(2-Chloroethyl)ether
Concen: 41.14 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

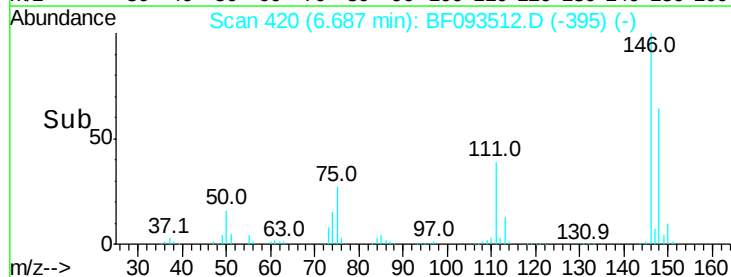
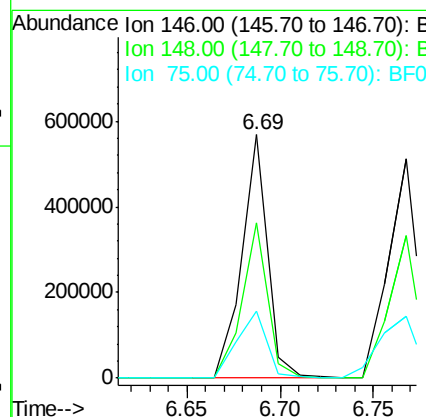
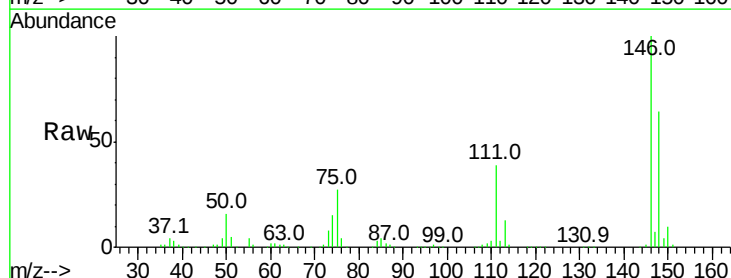
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 562233
Ion Ratio Lower Upper
93 100
63 98.5 60.4 100.4
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.29 ng
RT: 6.69 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Tgt Ion: 146 Resp: 551316
Ion Ratio Lower Upper
146 100
148 63.9 53.4 80.0
75 27.3 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 38.70 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

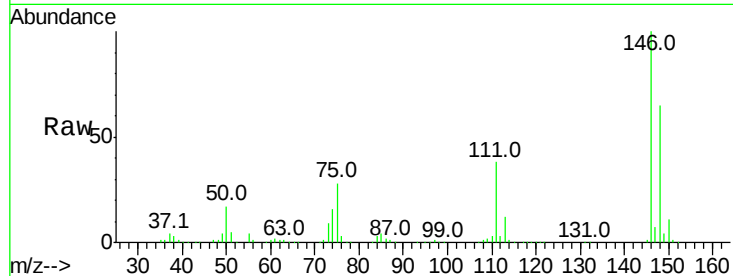
Tot Ion:146 Resp: 556081

Ion Ratio Lower Upper

146 100

148 64.7 50.6 76.0

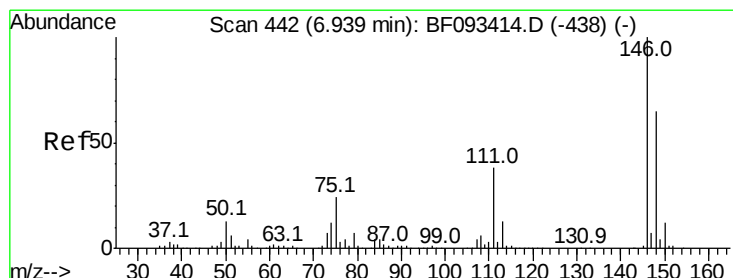
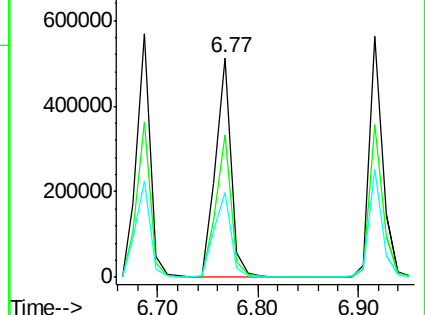
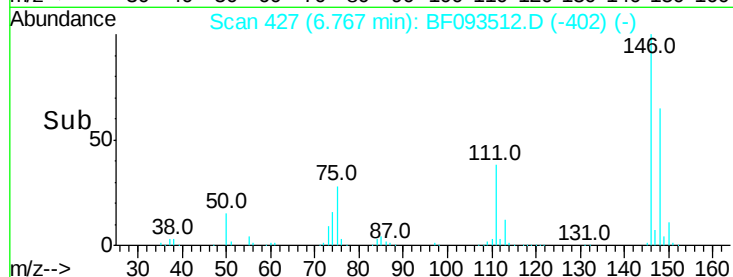
111 38.4 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.06 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

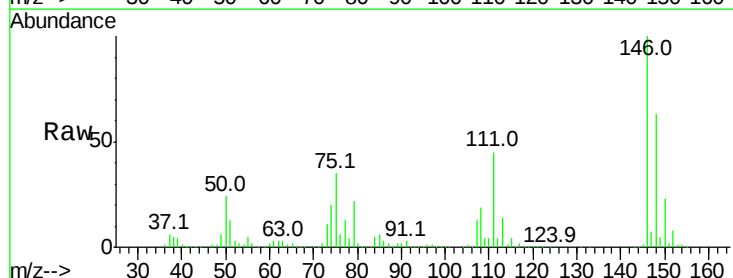
Tgt Ion:146 Resp: 522415

Ion Ratio Lower Upper

146 100

148 63.3 52.2 78.2

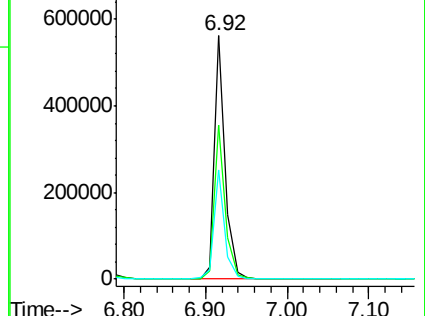
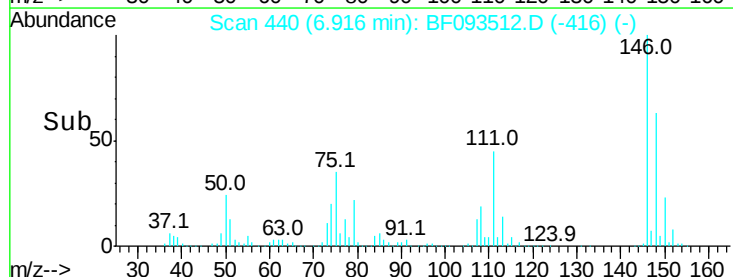
111 44.7 36.2 54.2

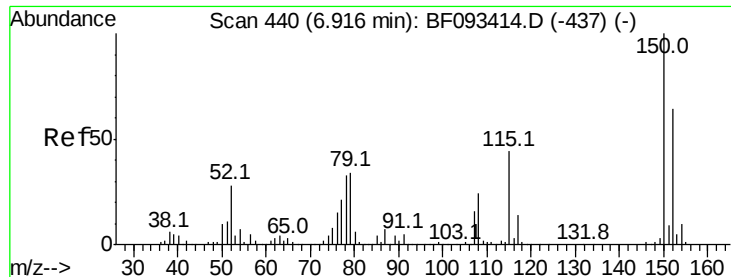


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

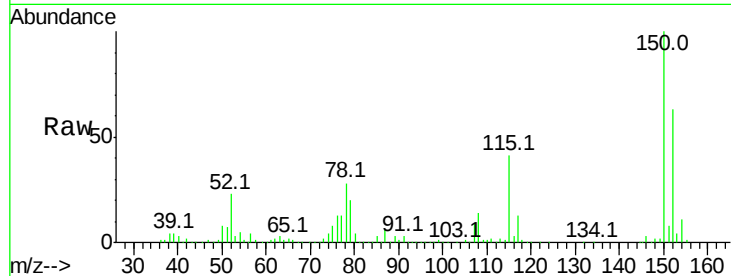




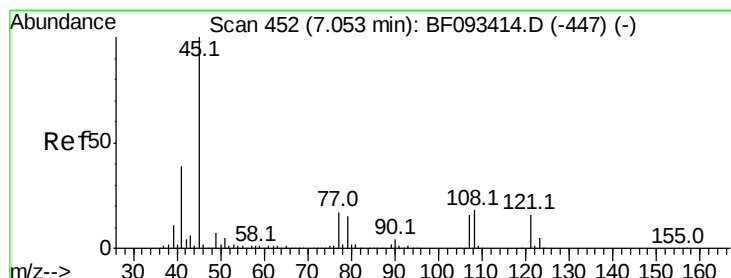
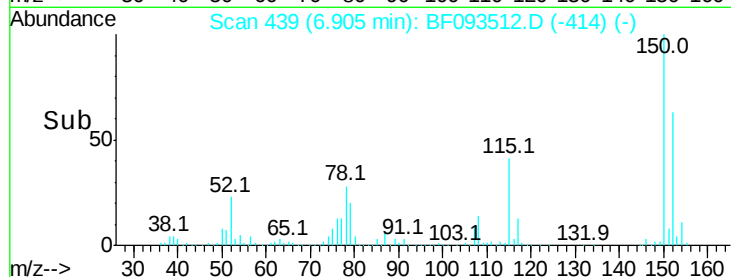
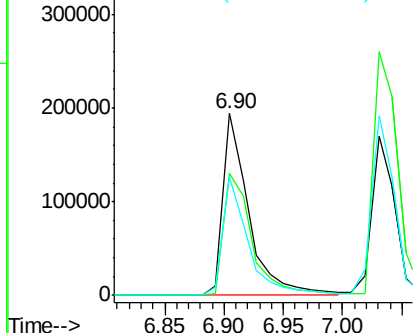
#15
Benzyl Alcohol
Concen: 29.77 ng
RT: 6.90 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 292859
Ion Ratio Lower Upper
79 100
108 67.4 61.4 92.0
77 65.1 50.9 76.3

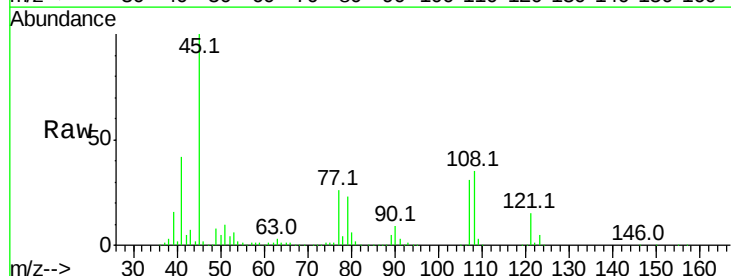


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

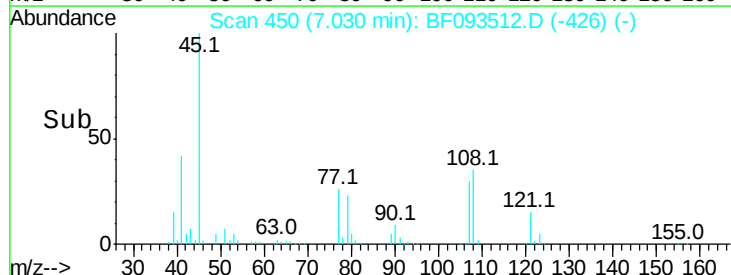
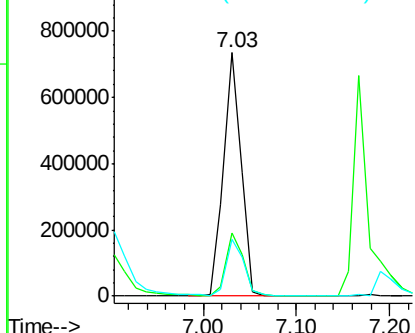


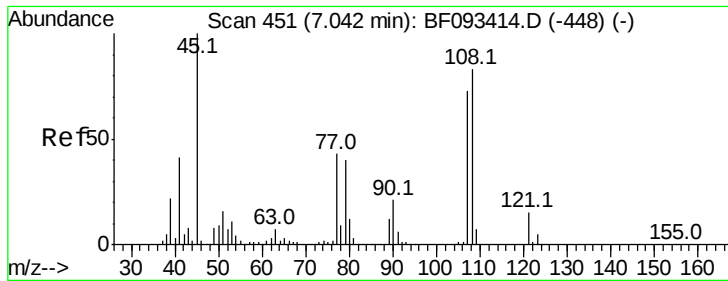
#16
2,2'-oxybis(1-chloropropane)
Concen: 42.43 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Tgt Ion: 45 Resp: 963301
Ion Ratio Lower Upper
45 100
77 26.0 0.0 34.6
79 23.2 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: 30.56 ng

RT: 7.03 min Scan# 450

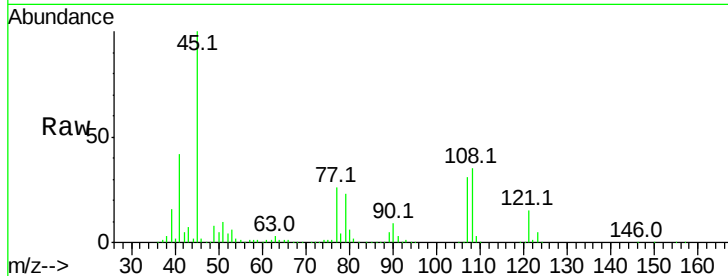
Delta R.T. -0.01 min

Lab File: BF093512.D

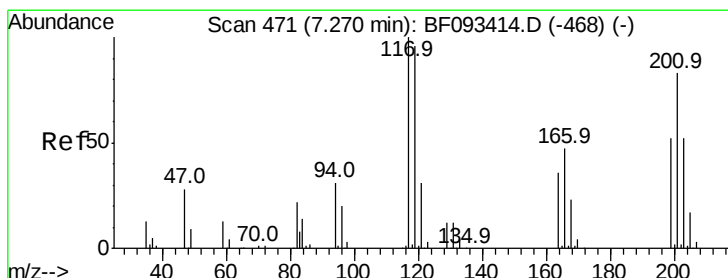
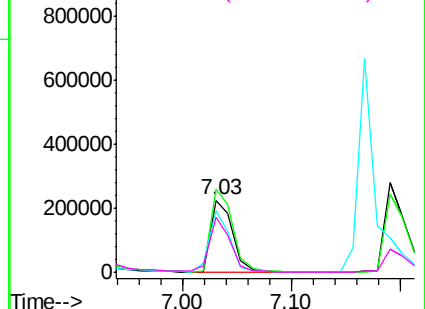
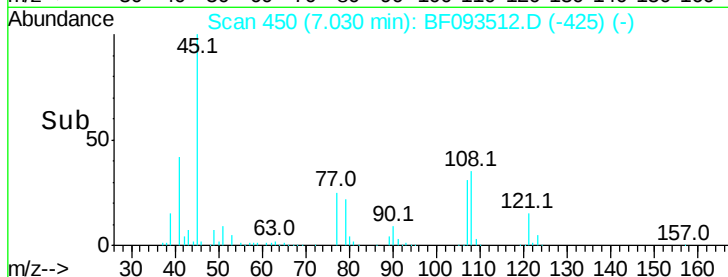
Acq: 10 Mar 2017 9:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	316913
Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.0	139.6
77	85.1	39.8	59.8#
79	75.7	38.0	57.0#



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



#18

Hexachloroethane

Concen: 37.67 ng

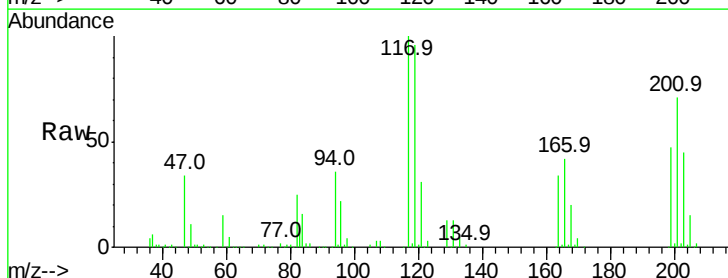
RT: 7.25 min Scan# 469

Delta R.T. -0.02 min

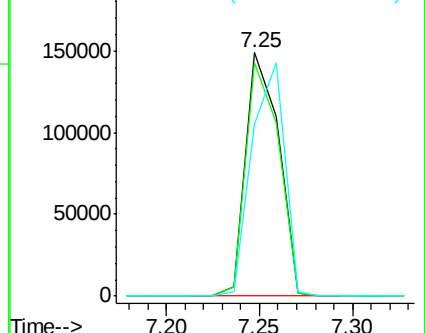
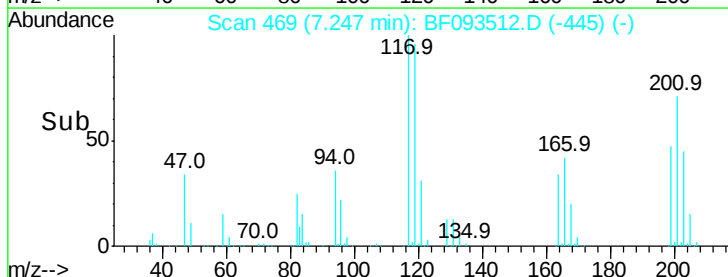
Lab File: BF093512.D

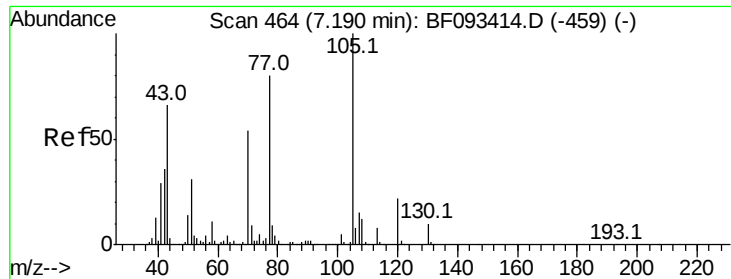
Acq: 10 Mar 2017 9:06

Tgt Ion:	117	Resp:	182506
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.1	117.1
201	70.8	78.6	117.8#



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

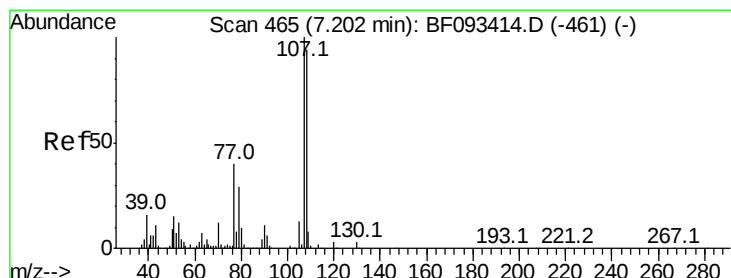
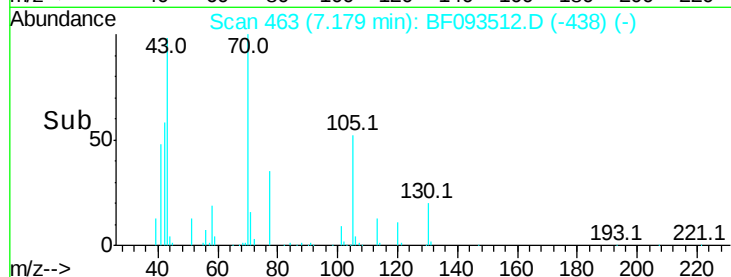
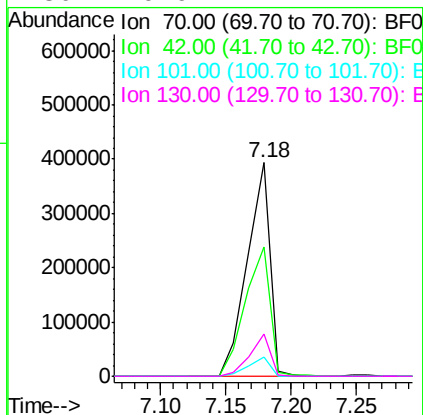
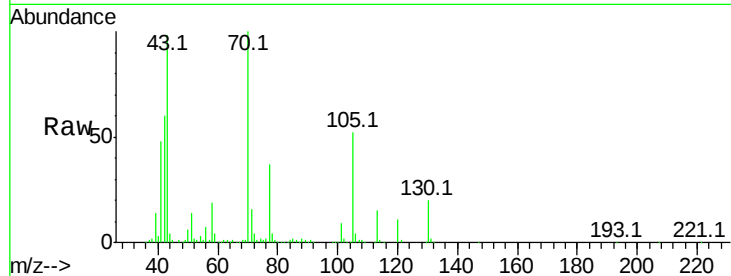




#19
n-Nitroso-di-n-propylamine
Concen: 50.59 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

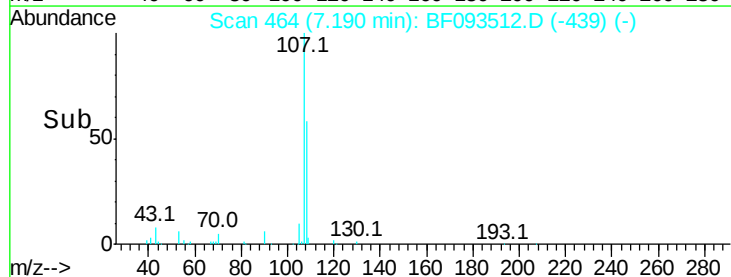
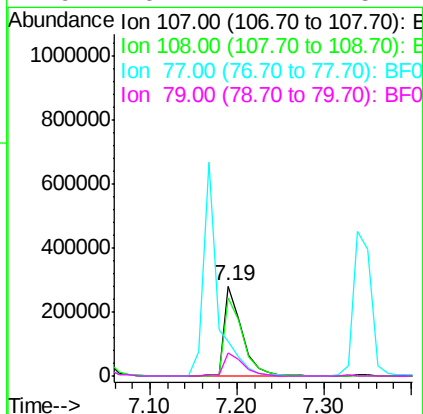
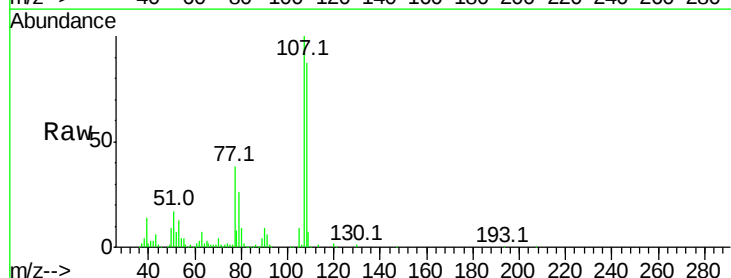
Instrument :
BNA_F
ClientSampleId :

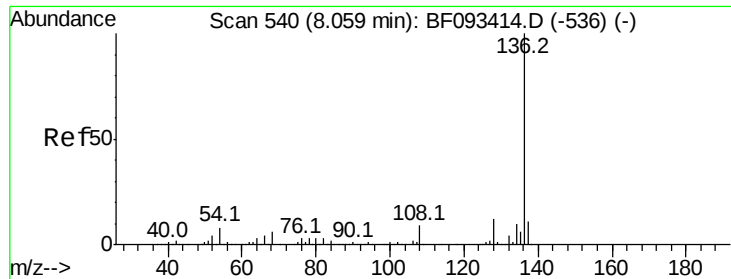
Tot Ion: 70 Resp: 479962
Ion Ratio Lower Upper
70 100
42 60.4 49.4 74.0
101 9.2 7.4 11.2
130 19.9 14.2 21.4



#20
3+4-Methylphenols
Concen: 29.75 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Tgt Ion: 107 Resp: 400131
Ion Ratio Lower Upper
107 100
108 86.6 73.0 113.0
77 37.9 71.3 111.3#
79 26.1 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 721346

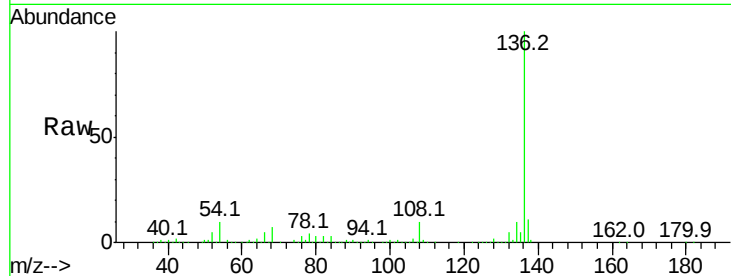
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.6 4.5 6.7#

68 7.0 3.6 5.4#

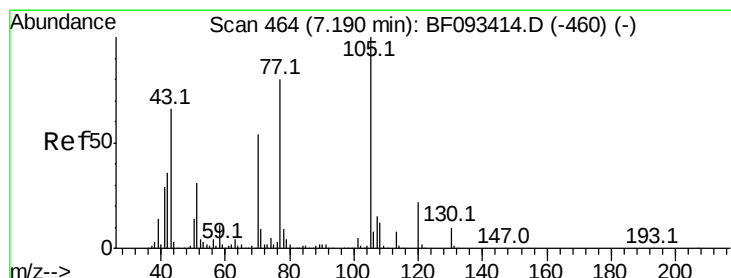
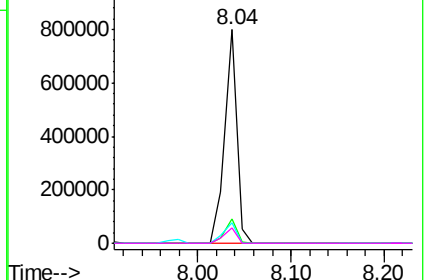
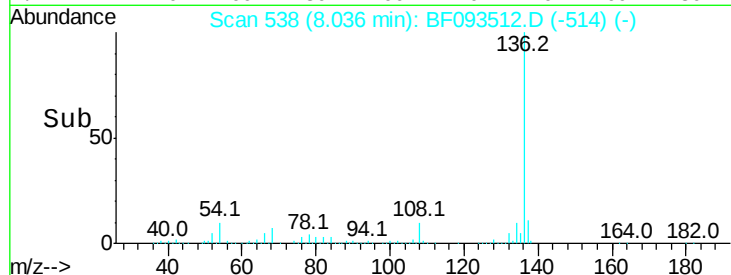


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.57 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Tgt Ion:105 Resp: 791024

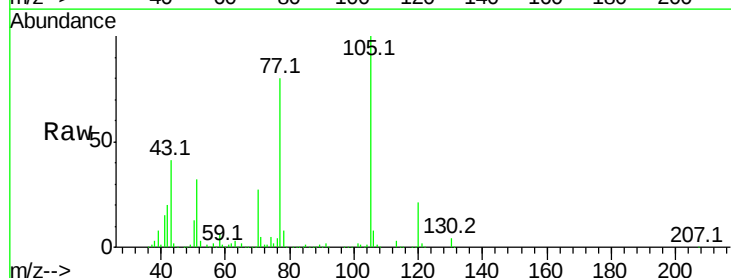
Ion Ratio Lower Upper

105 100

71 4.5 3.2 4.8

51 32.2 26.2 39.4

120 20.9 16.6 24.8

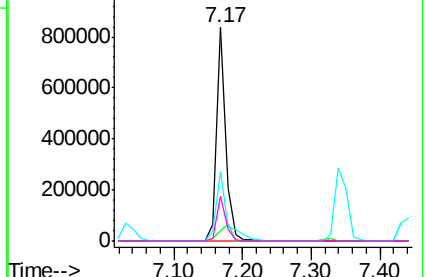
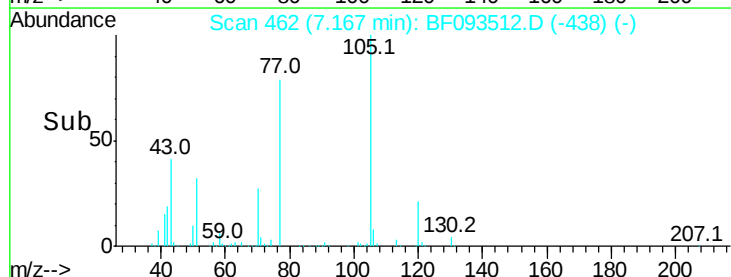


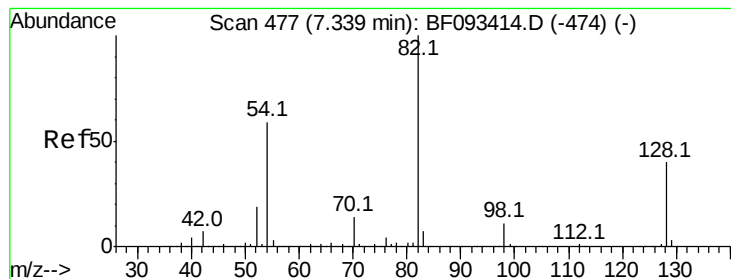
Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.15 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

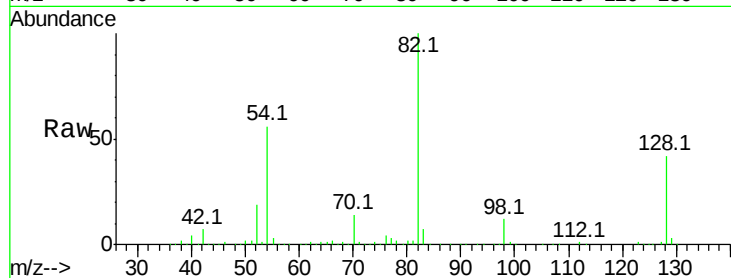
Tot Ion: 82 Resp: 1250065

Ion Ratio Lower Upper

82 100

128 41.8 34.6 52.0

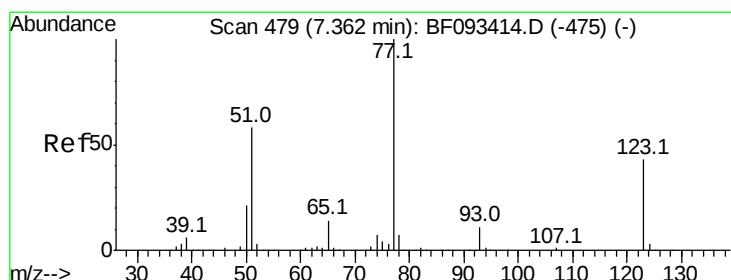
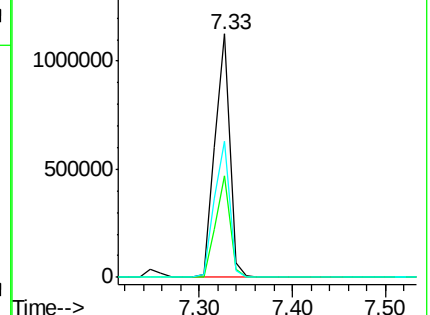
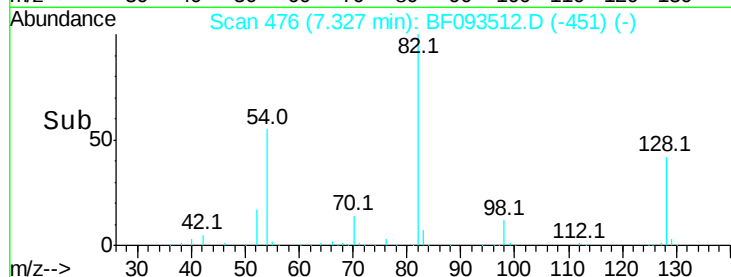
54 56.1 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.31 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

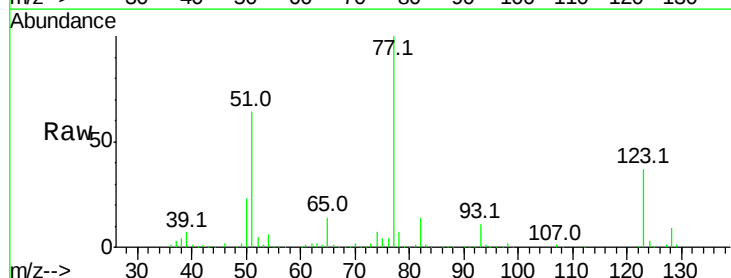
Tgt Ion: 77 Resp: 632849

Ion Ratio Lower Upper

77 100

123 37.5 33.0 49.4

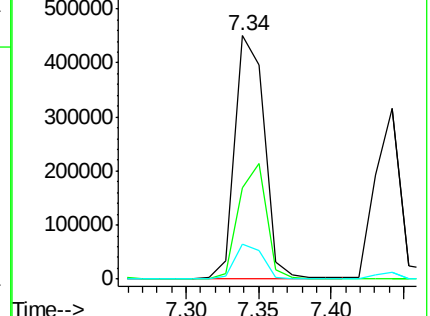
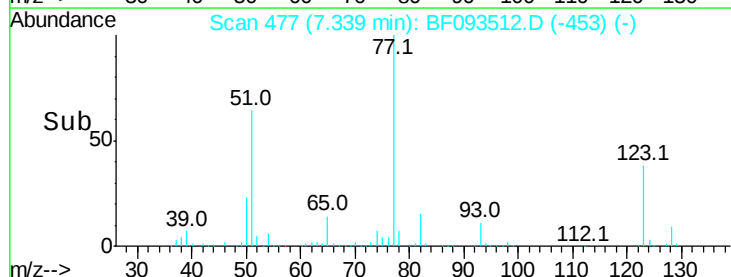
65 14.4 11.2 16.8

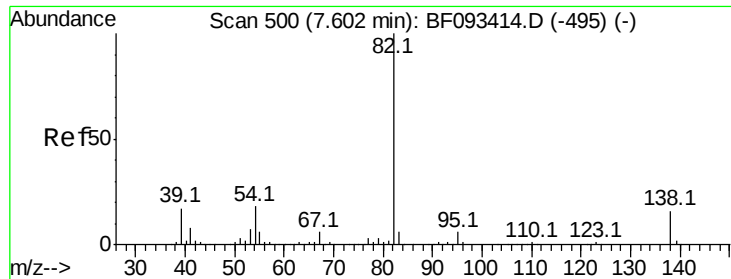


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.44 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

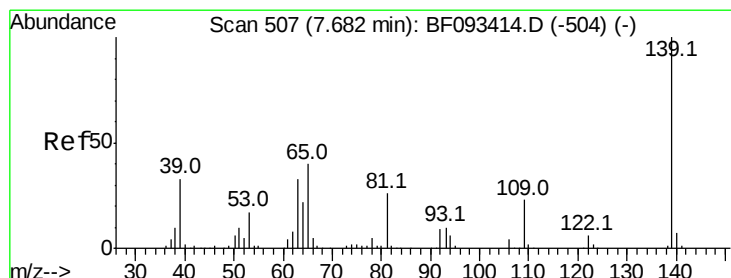
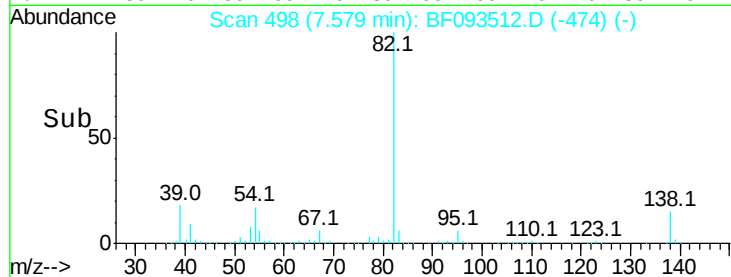
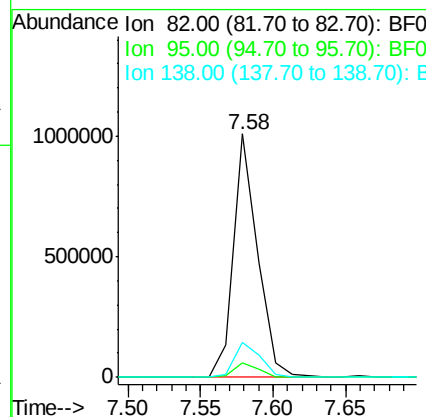
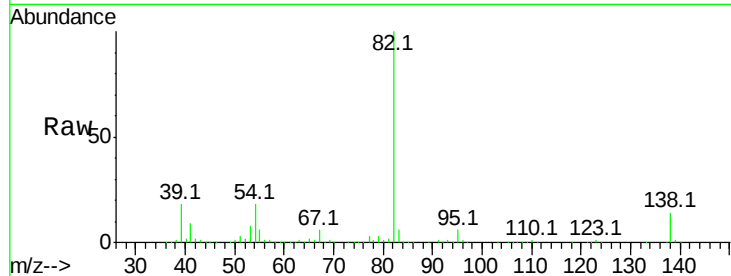
Tot Ion: 82 Resp: 1164953

Ion Ratio Lower Upper

82 100

95 6.1 5.6 8.4

138 14.4 14.6 22.0#



#26

2-Nitrophenol

Concen: 44.63 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

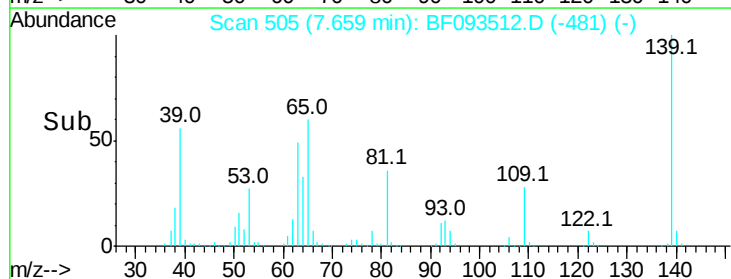
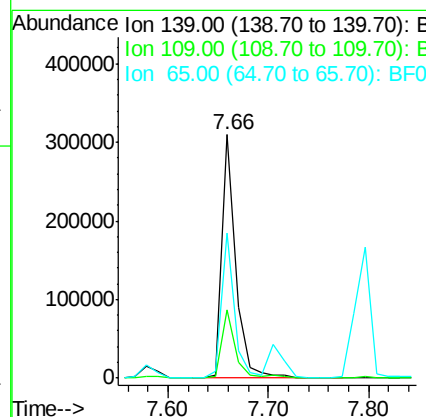
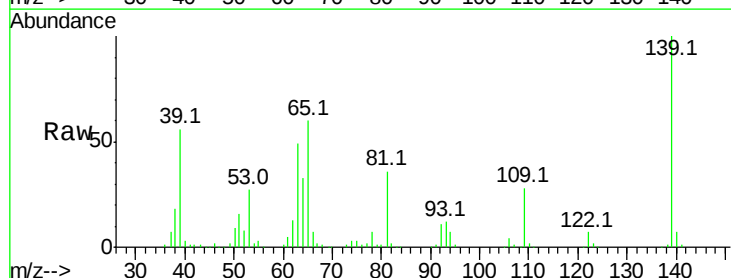
Tgt Ion: 139 Resp: 297550

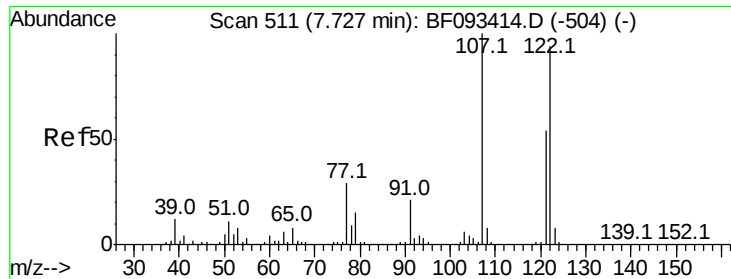
Ion Ratio Lower Upper

139 100

109 27.9 23.3 34.9

65 59.8 42.7 64.1

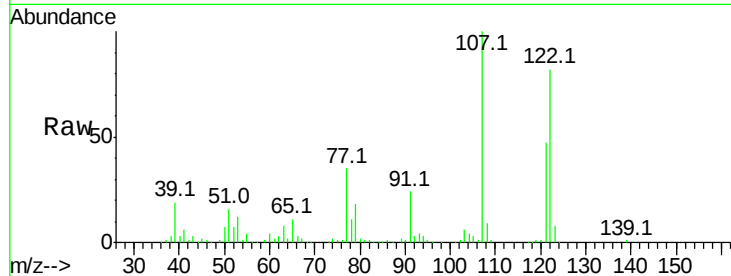




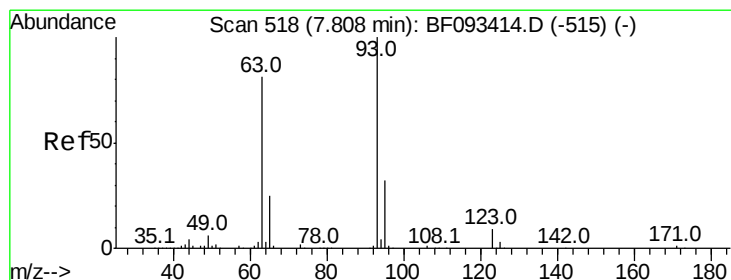
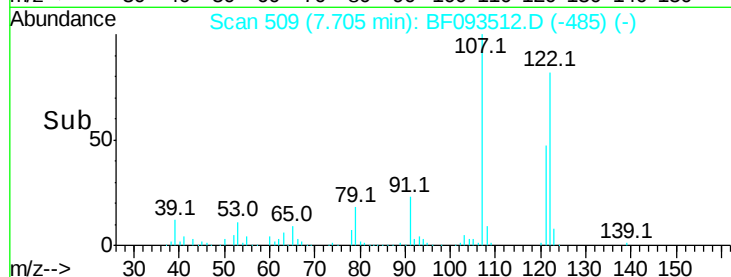
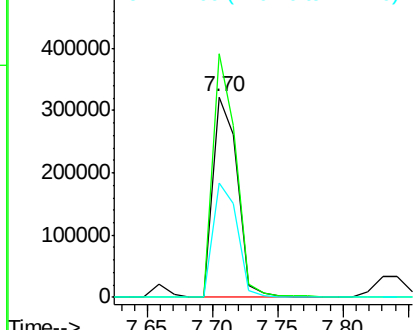
#27
 2,4-Dimethylphenol
 Concen: 38.75 ng
 RT: 7.70 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 420284
 Ion Ratio Lower Upper
 122 100
 107 121.6 94.1 141.1
 121 57.1 46.0 69.0

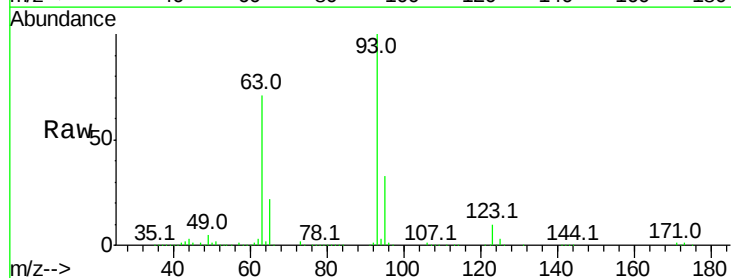


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

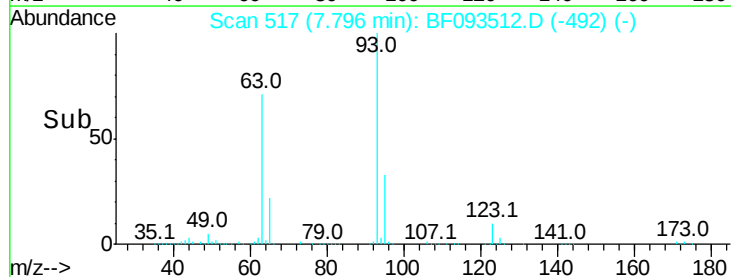
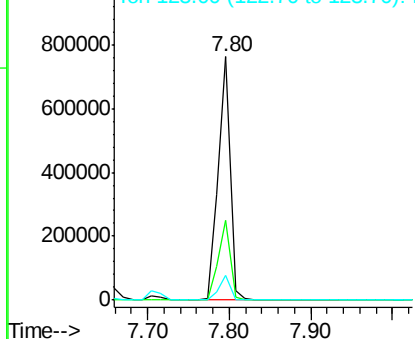


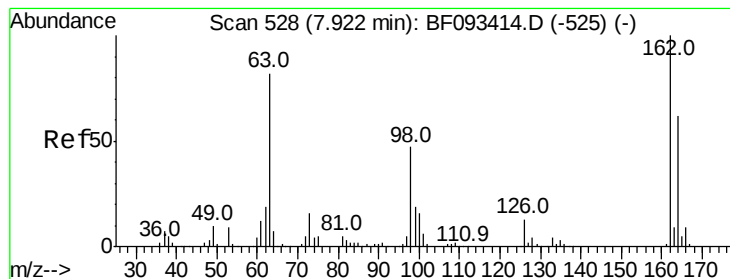
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.21 ng
 RT: 7.80 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Tgt Ion: 93 Resp: 781311
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 10.3 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: 46.43 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

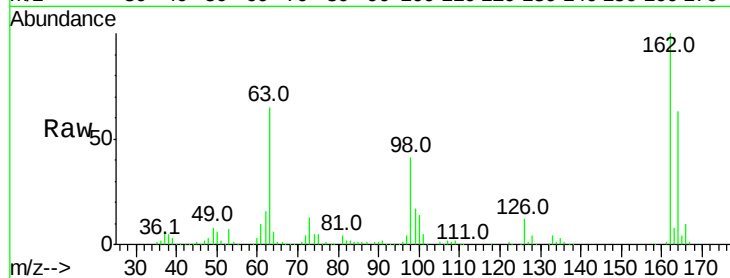
Tot Ion:162 Resp: 473671

Ion Ratio Lower Upper

162 100

164 62.9 46.8 86.8

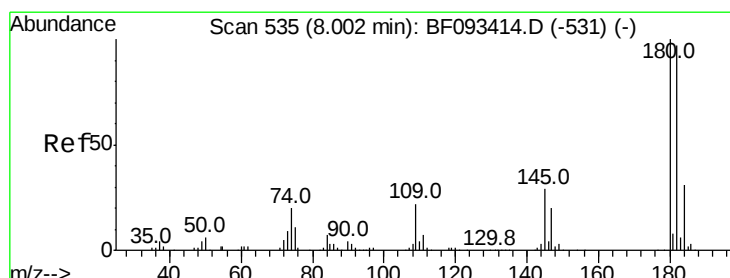
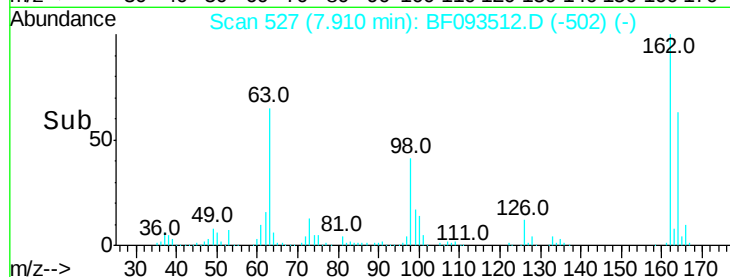
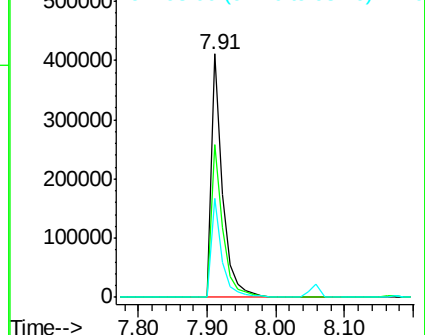
98 40.6 9.1 49.1



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: 40.65 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

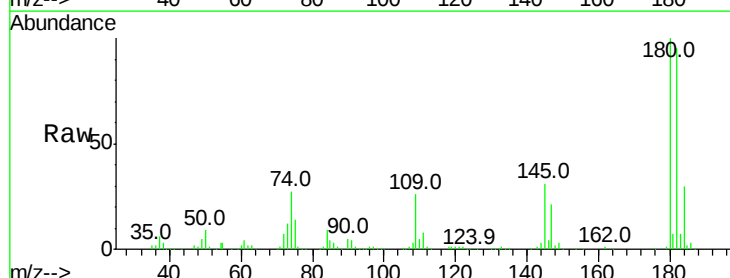
Tgt Ion:180 Resp: 441043

Ion Ratio Lower Upper

180 100

182 94.6 78.2 117.4

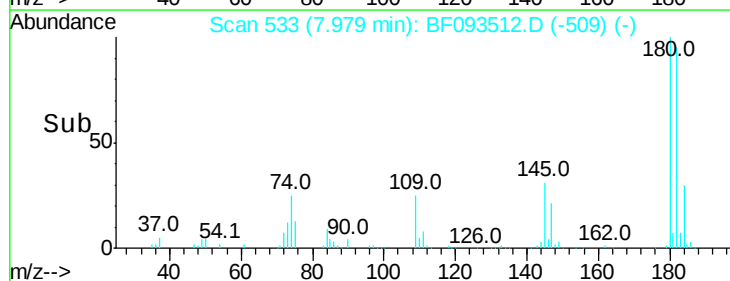
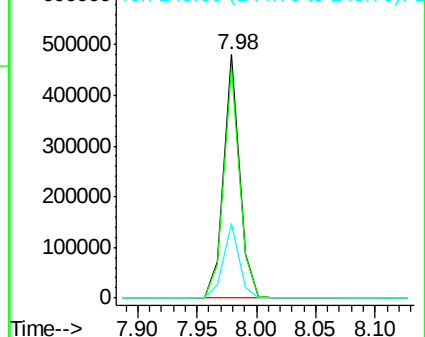
145 30.6 21.6 32.4

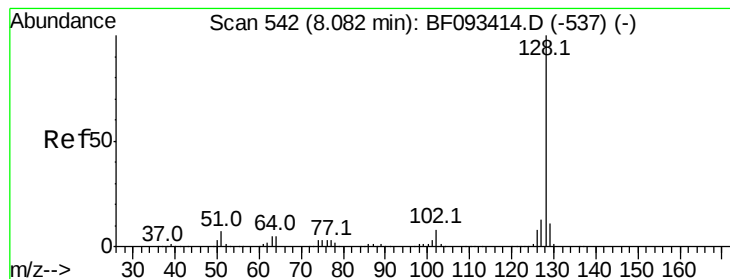


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.69 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

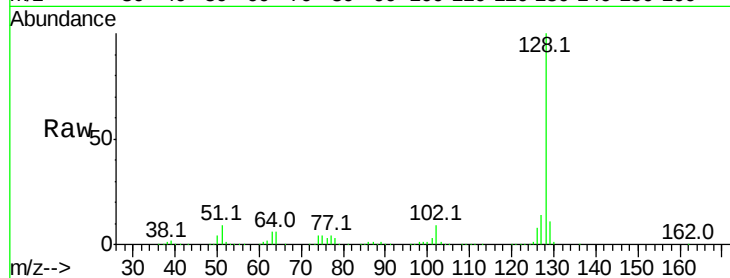
Tot Ion:128 Resp: 1543280

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

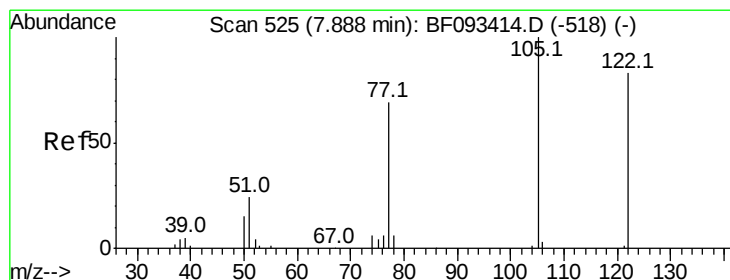
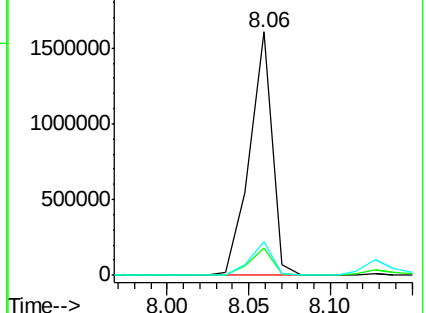
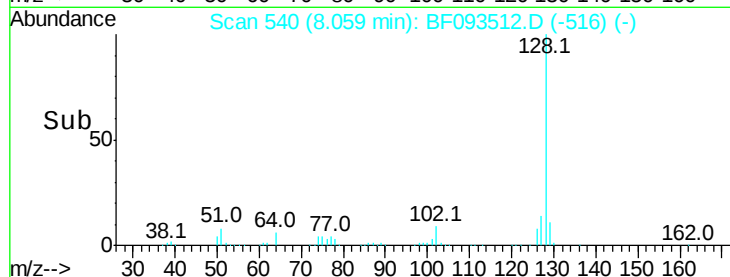
127 14.0 10.8 16.2



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: 11.90 ng

RT: 7.83 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

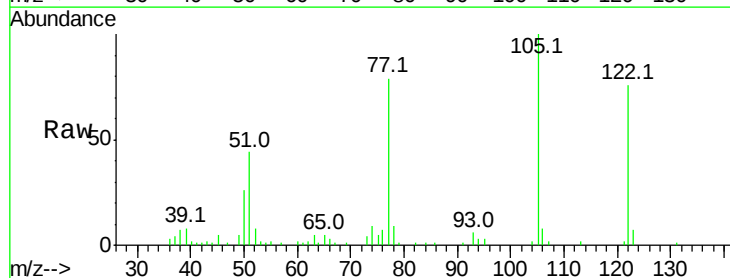
Tgt Ion:122 Resp: 67042

Ion Ratio Lower Upper

122 100

105 131.1 107.2 147.2

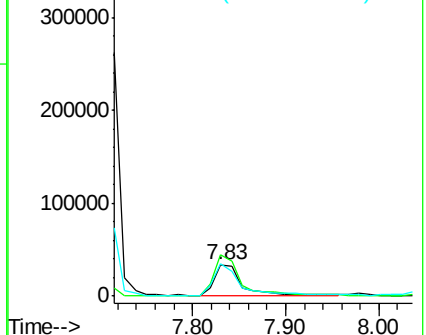
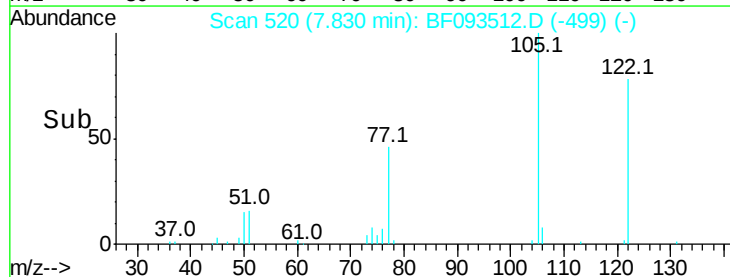
77 103.3 74.5 114.5

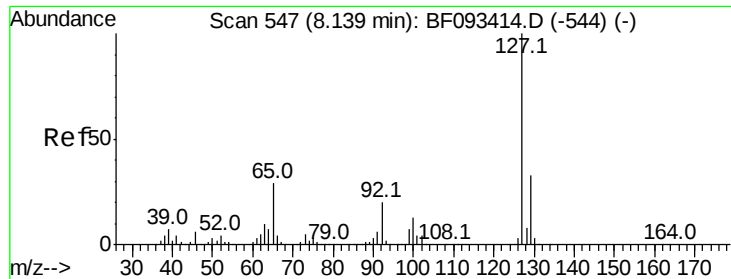


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

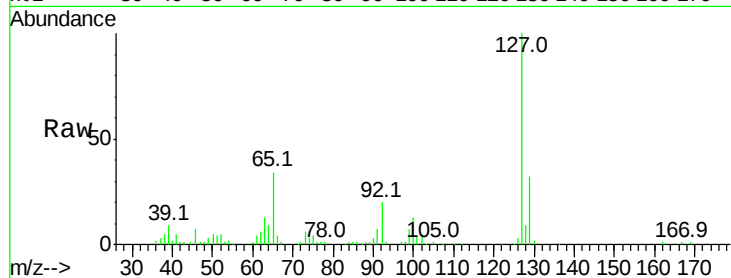




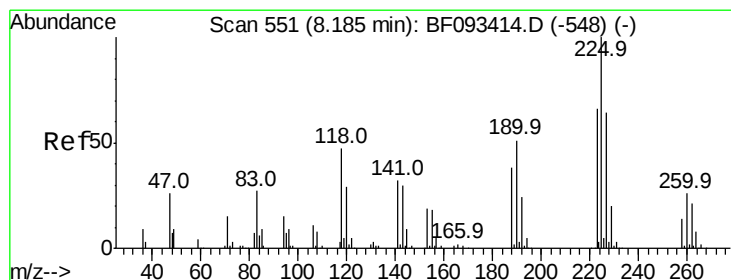
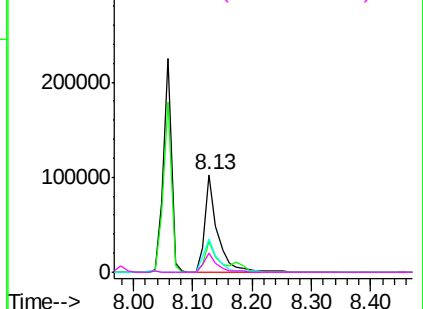
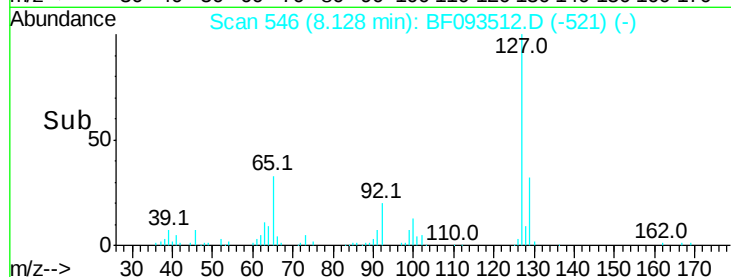
#33
4-Chloroaniline
Concen: 10.79 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	158233
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	34.2	25.8	38.8
92	19.9	16.1	24.1

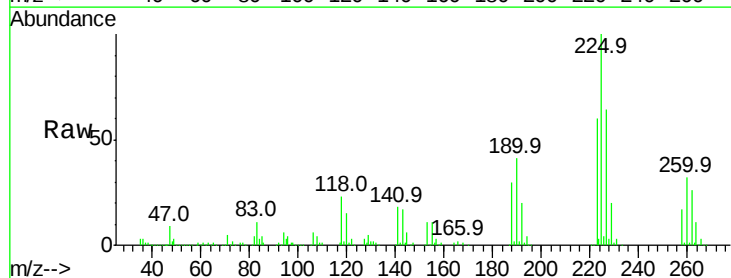


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

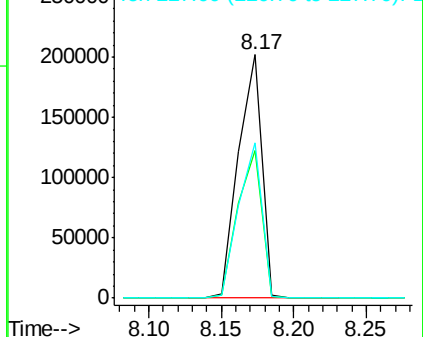
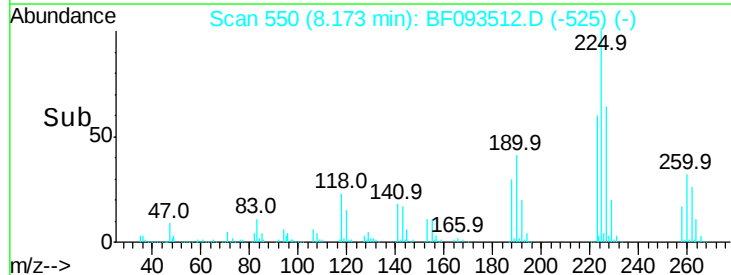


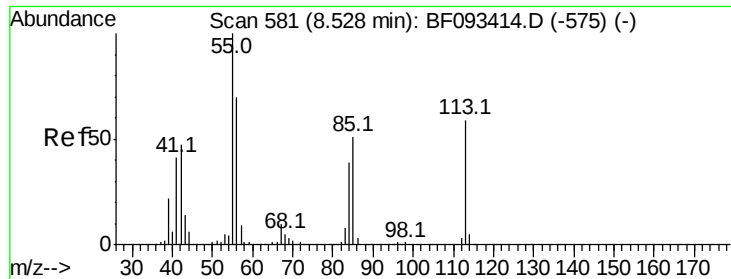
#34
Hexachlorobutadiene
Concen: 40.68 ng
RT: 8.17 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Tgt Ion:	225	Resp:	227359
Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.0	76.6
227	63.6	50.6	76.0



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

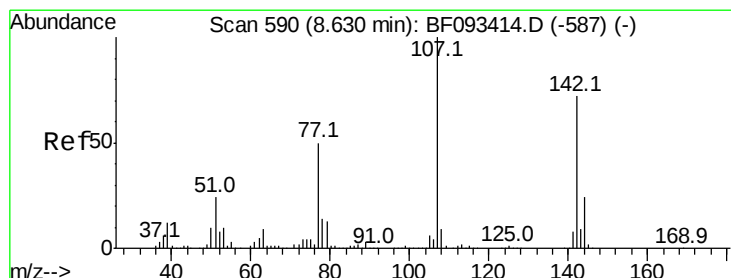
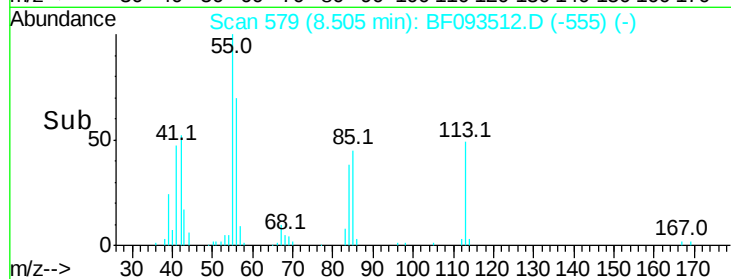
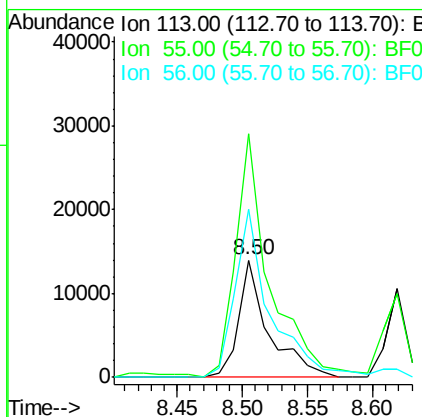
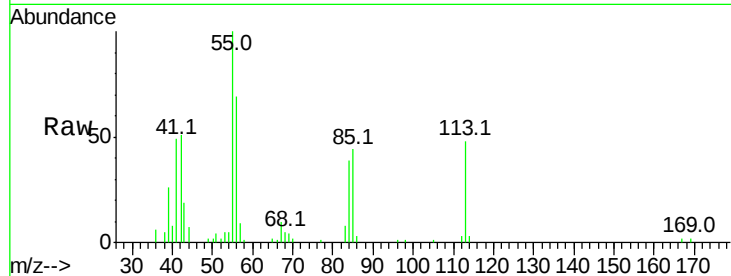




#35
Caprolactam
Concen: 6.37 ng
RT: 8.50 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

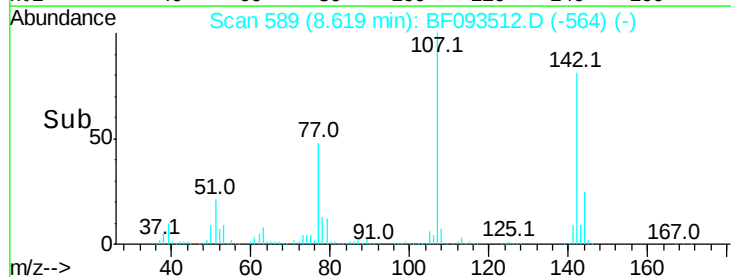
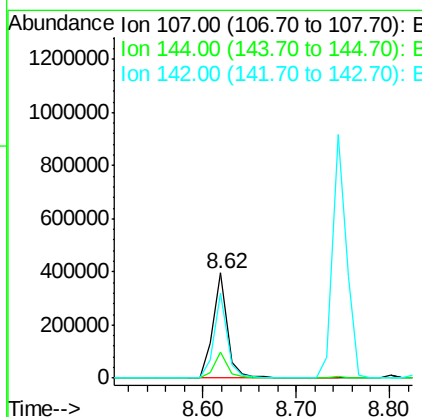
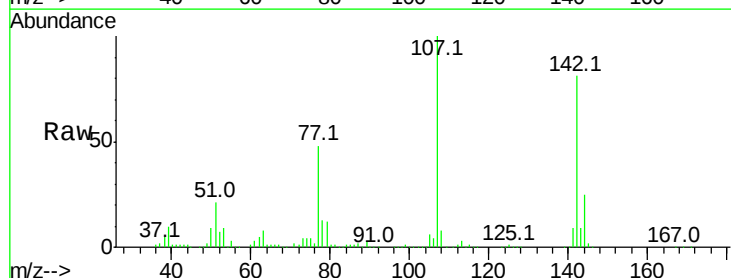
Instrument :
BNA_F
ClientSampleId :

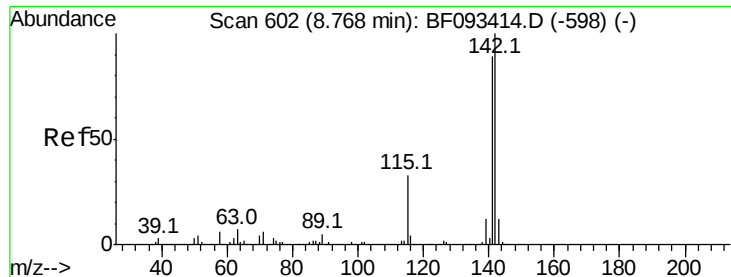
Tot Ion:113 Resp: 22190
Ion Ratio Lower Upper
113 100
55 207.3 119.2 159.2#
56 143.7 83.8 123.8#



#36
4-Chloro-3-methylphenol
Concen: 39.08 ng
RT: 8.62 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Tgt Ion:107 Resp: 425531
Ion Ratio Lower Upper
107 100
144 25.4 19.3 28.9
142 81.1 59.0 88.6

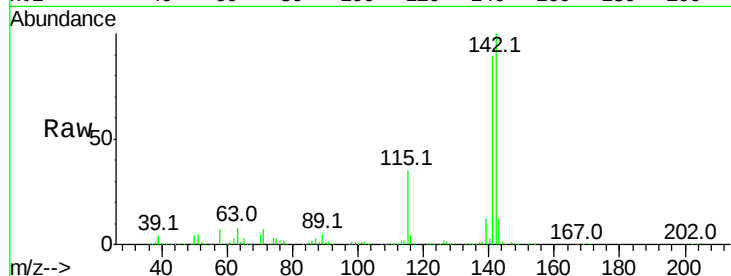




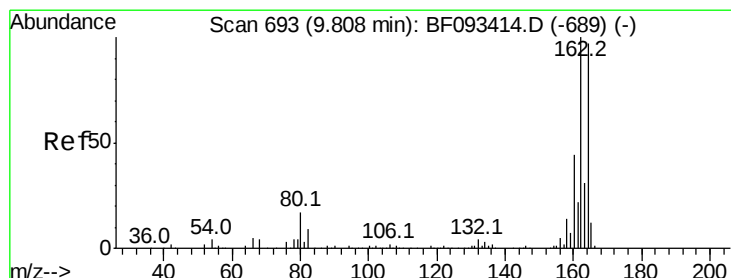
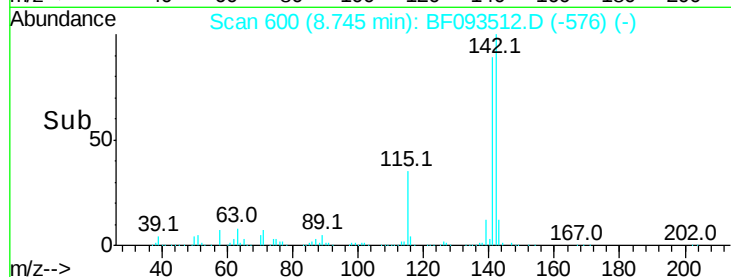
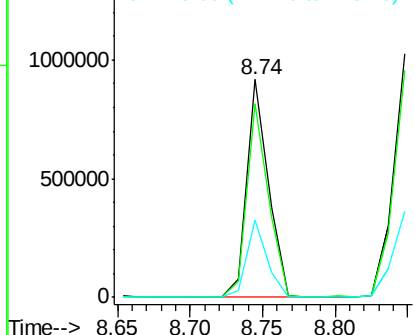
#37
 2-Methylnaphthalene
 Concen: 41.42 ng
 RT: 8.74 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	35.5	28.3	42.5

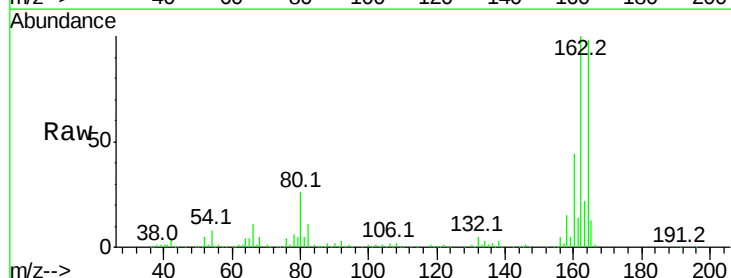


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

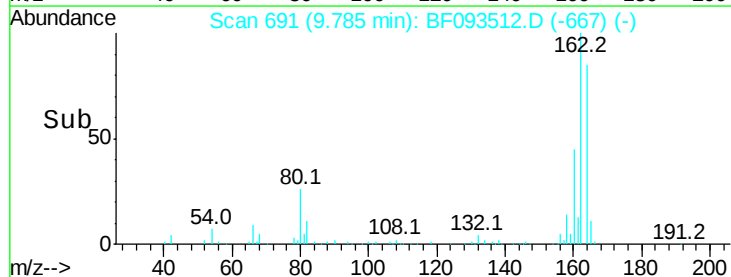
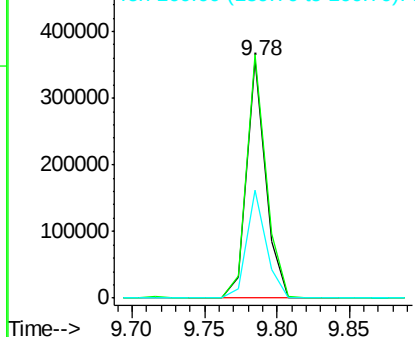


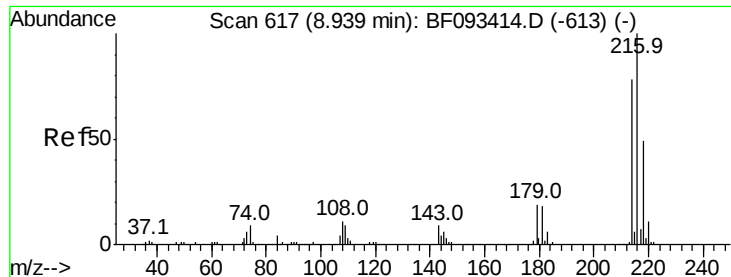
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	45.4	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

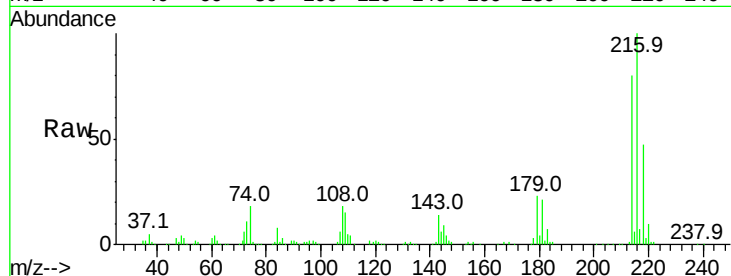




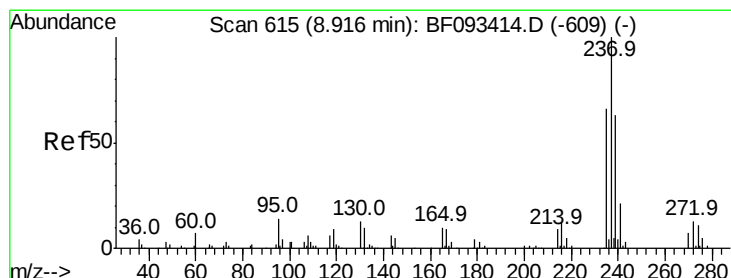
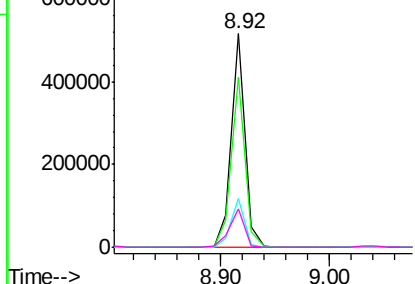
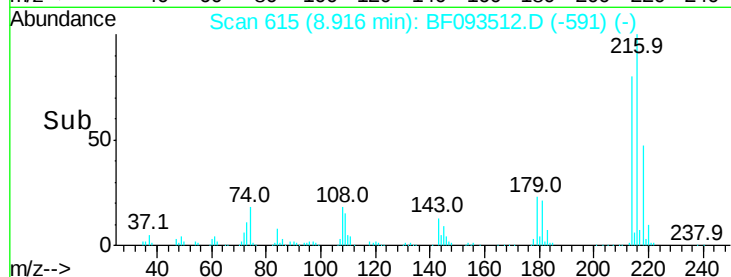
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.94 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	446516
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.0
179	22.7	17.4	26.2
108	20.4	15.6	23.4

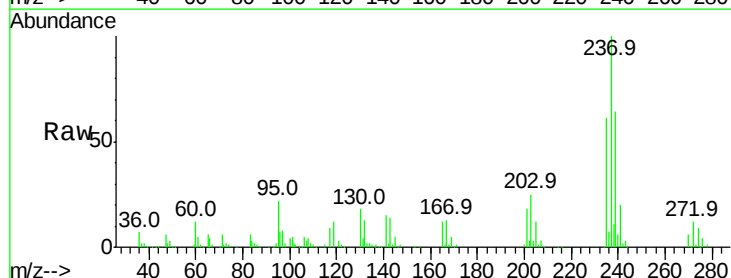


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

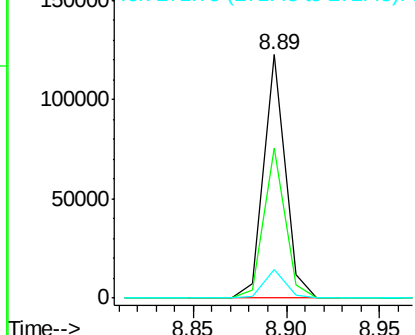
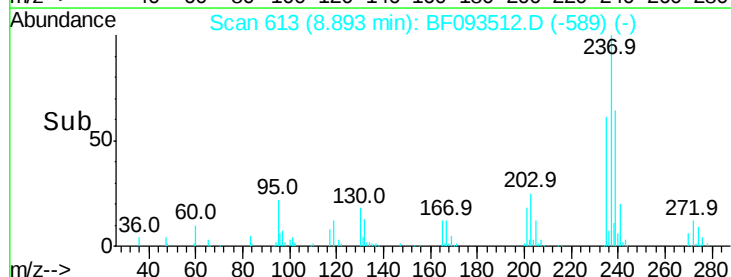


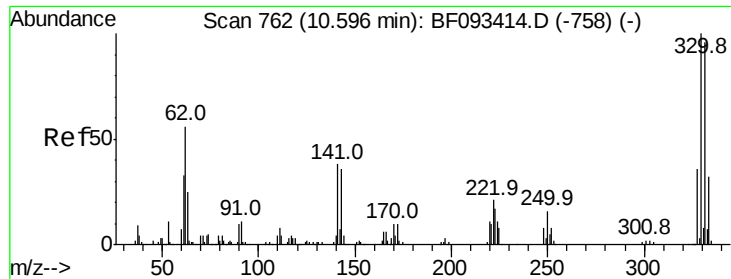
#40
 Hexachlorocyclopentadiene
 Concen: 48.70 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Tgt Ion:	237	Resp:	97306
Ion	Ratio	Lower	Upper
237	100		
235	61.4	41.2	81.2
272	11.9	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

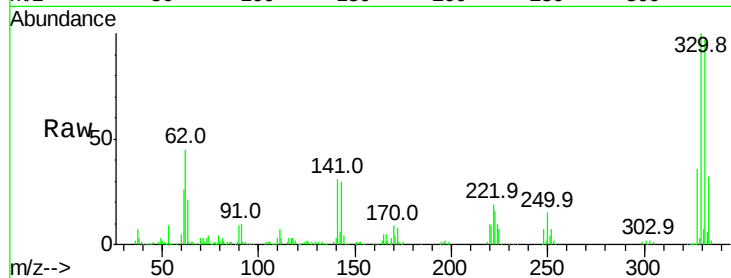




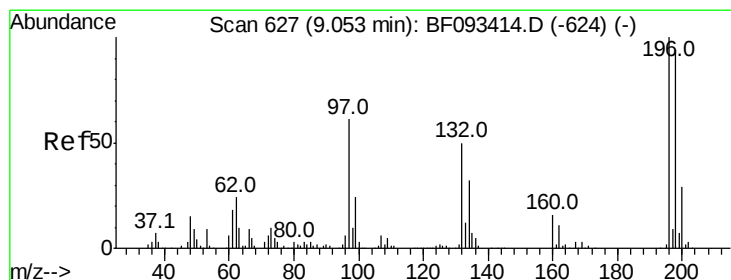
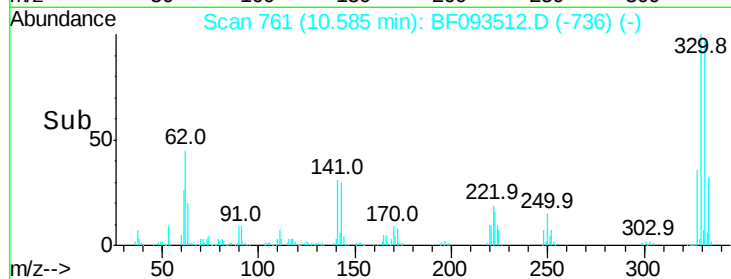
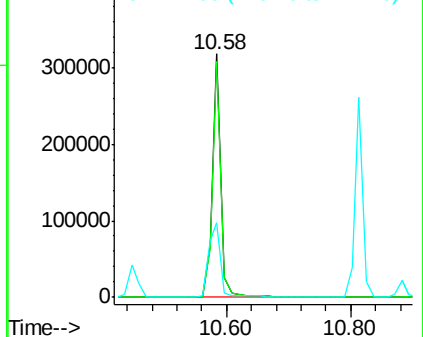
#41
 2,4,6-Tribromophenol
 Concen: 141.26 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 301330
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 42.4 34.1 51.1

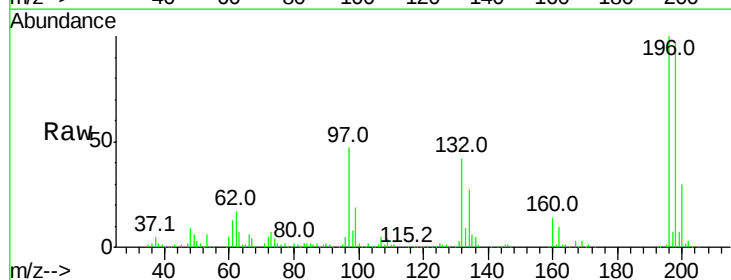


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

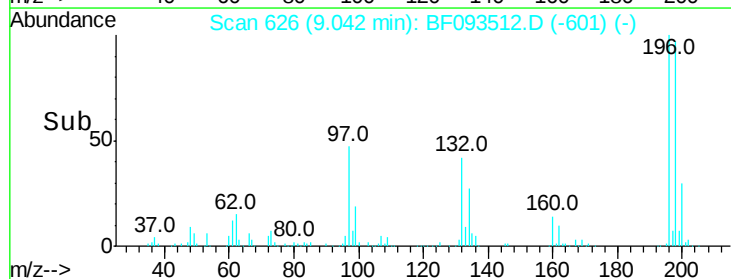
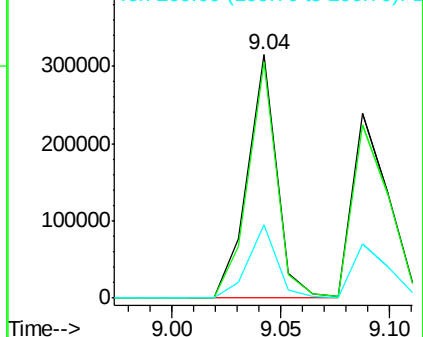


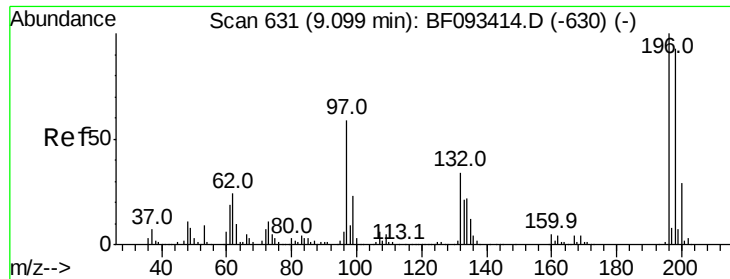
#42
 2,4,6-Trichlorophenol
 Concen: 53.01 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Tgt Ion:196 Resp: 296131
 Ion Ratio Lower Upper
 196 100
 198 96.8 82.1 123.1
 200 30.0 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

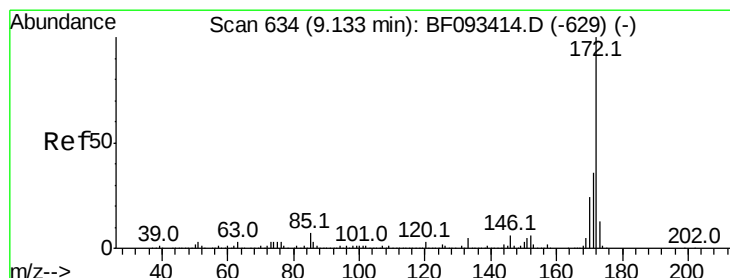
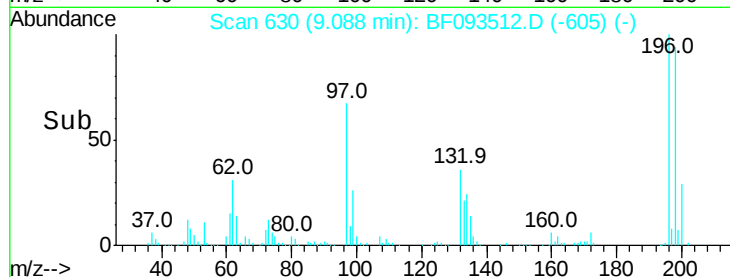
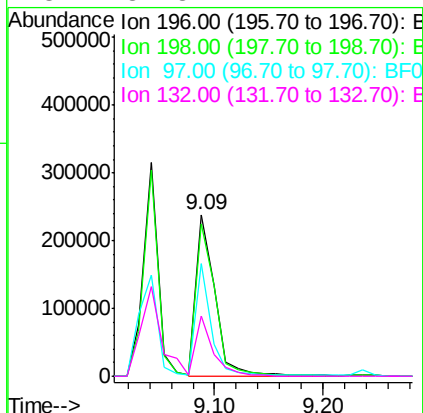
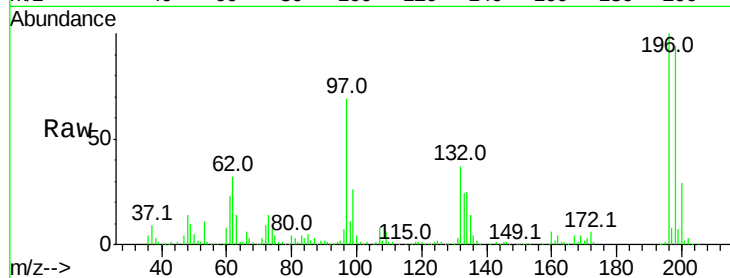




#43
 2,4,5-Trichlorophenol
 Concen: 47.76 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

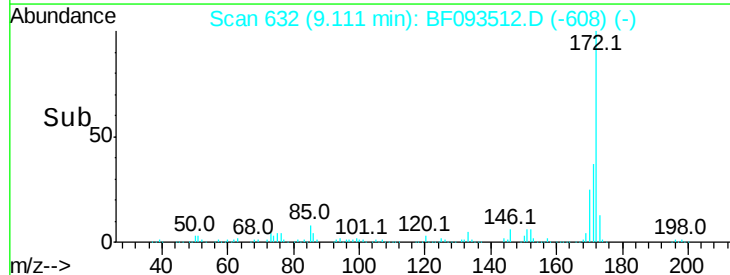
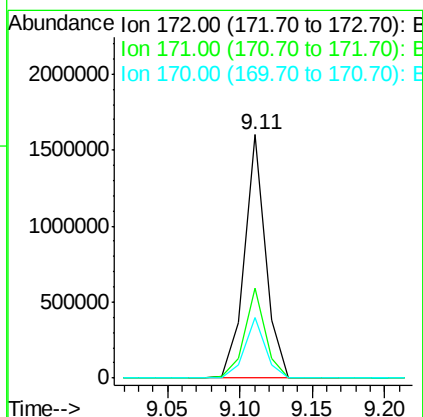
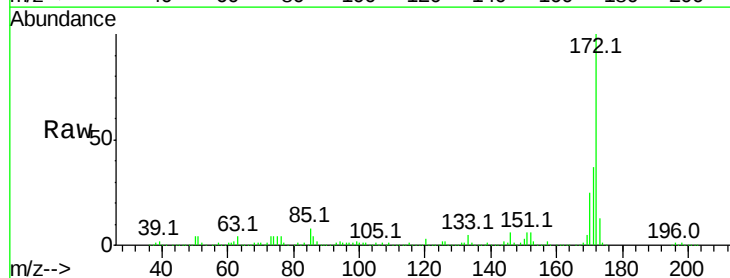
Instrument :
 BNA_F
 ClientSampled :

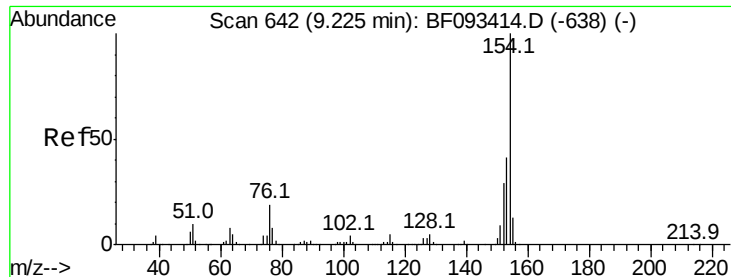
Tot Ion:	196	Resp:	286229
Ion	Ratio	Lower	Upper
196	100		
198	94.2	79.4	119.2
97	69.3	51.5	77.3
132	37.3	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 92.51 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Tgt Ion:	172	Resp:	1628508
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.7	20.2	30.4





#45

1,1'-Biphenyl

Concen: 51.68 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

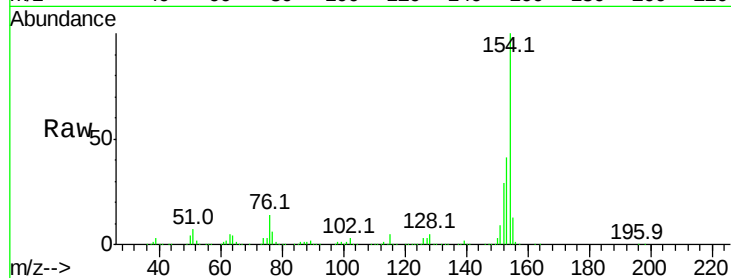
Tot Ion:154 Resp: 1232663

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

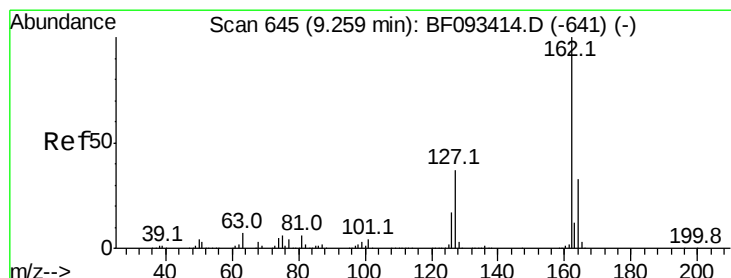
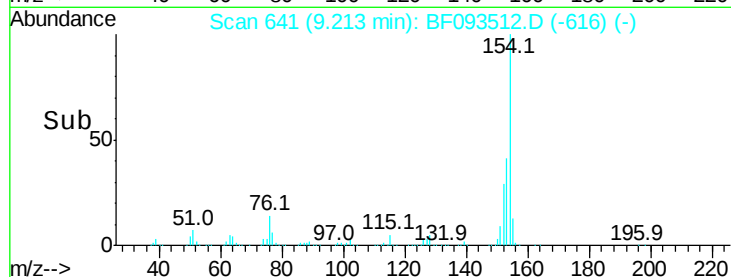
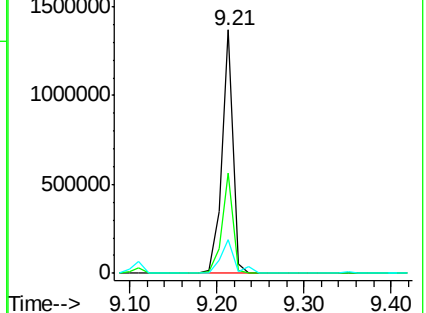
76 13.9 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.81 ng

RT: 9.24 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

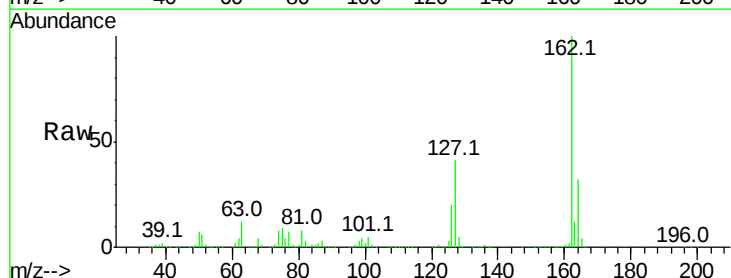
Tgt Ion:162 Resp: 927667

Ion Ratio Lower Upper

162 100

127 41.5 30.7 46.1

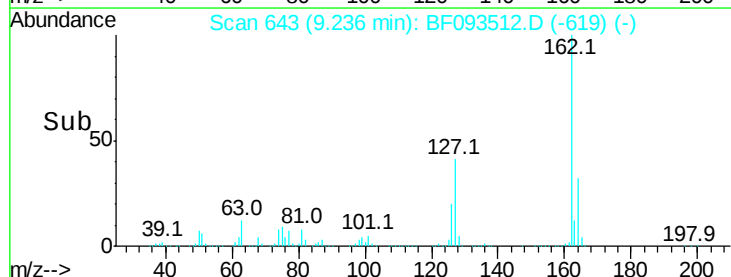
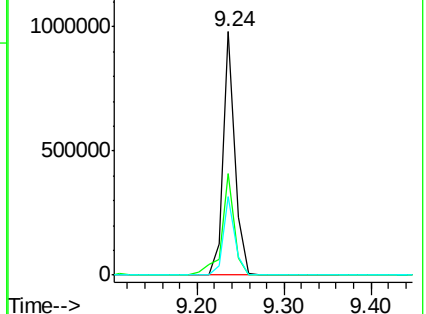
164 32.5 27.6 41.4

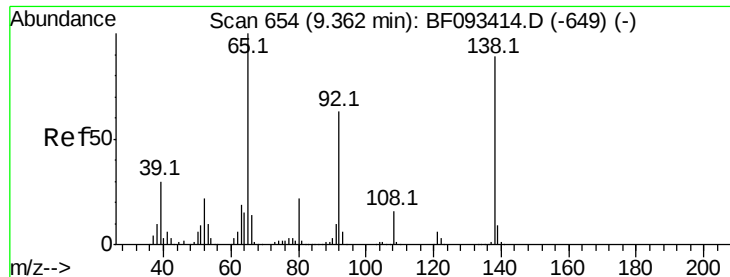


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

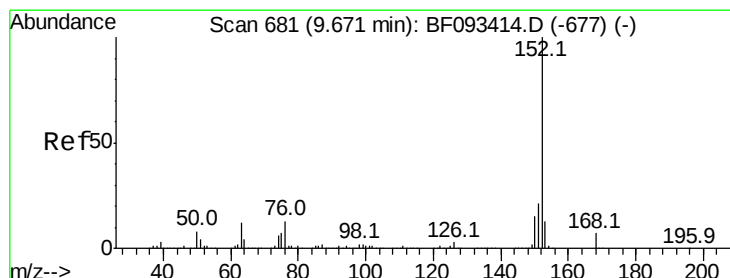
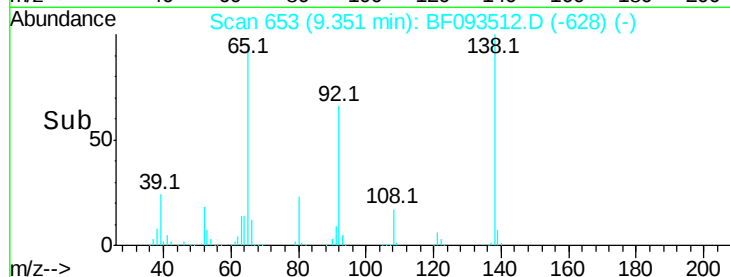
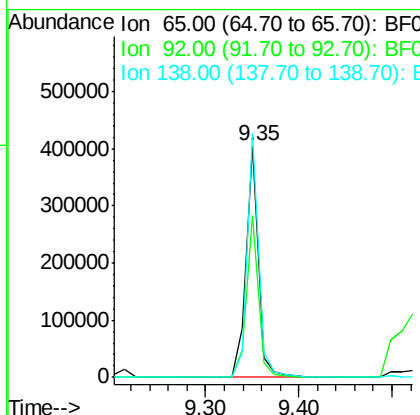
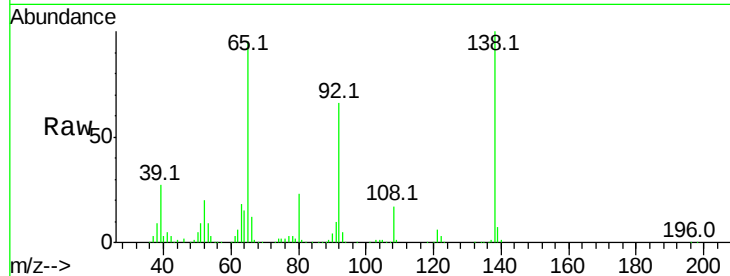




#47
2-Nitroaniline
Concen: 57.80 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

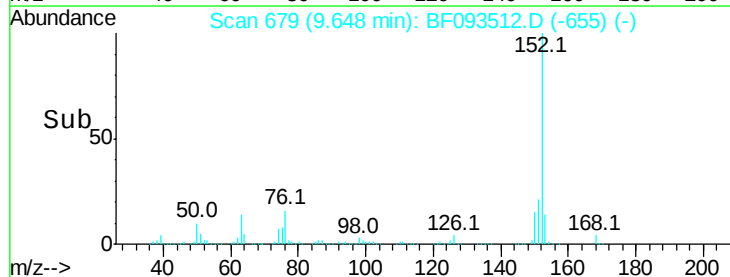
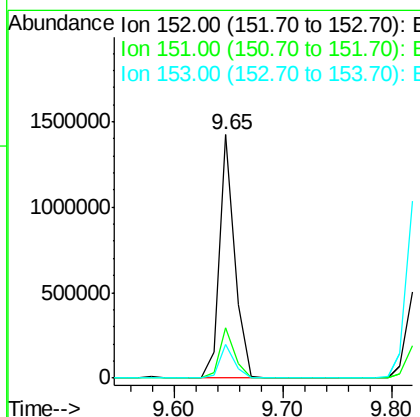
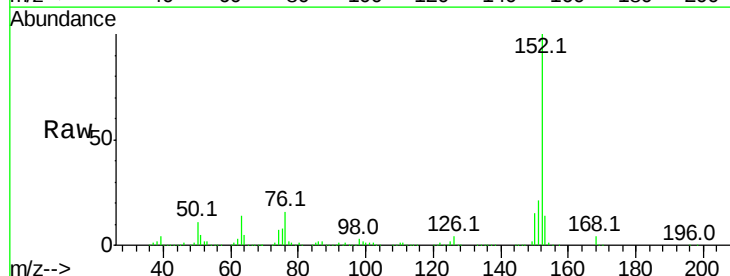
Instrument :
BNA_F
ClientSampleId :

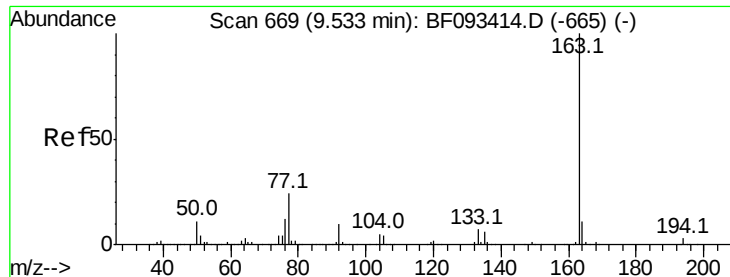
Tot Ion: 65 Resp: 373050
Ion Ratio Lower Upper
65 100
92 69.8 53.9 80.9
138 105.4 76.8 115.2



#48
Acenaphthylene
Concen: 45.97 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Tgt Ion: 152 Resp: 1384217
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 57.80 ng

RT: 9.52 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

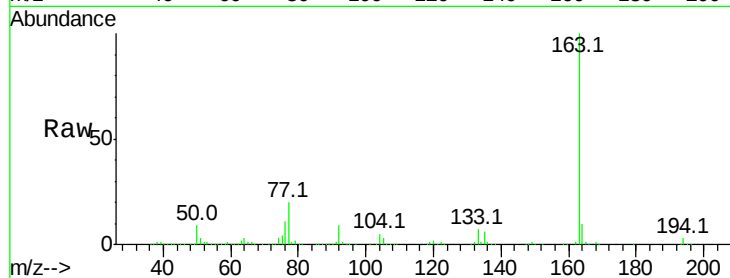
Tot Ion:163 Resp: 1254577

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

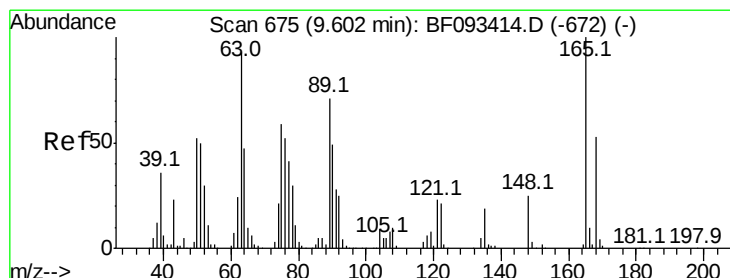
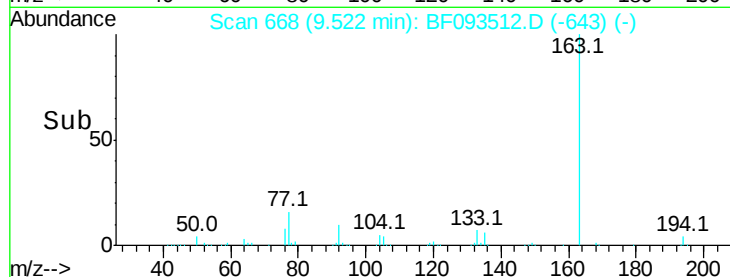
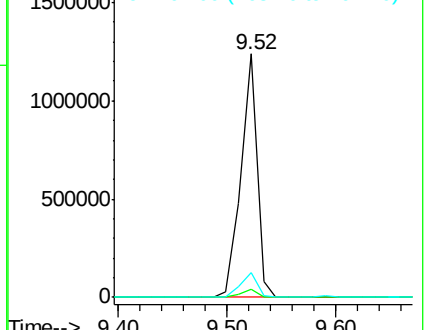
164 10.3 8.0 12.0



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: 50.81 ng

RT: 9.59 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

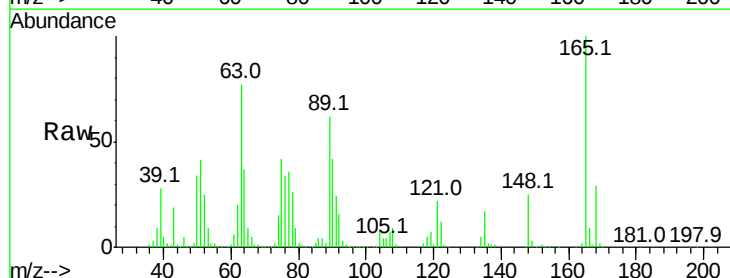
Tgt Ion:165 Resp: 242020

Ion Ratio Lower Upper

165 100

63 77.5 36.2 54.4#

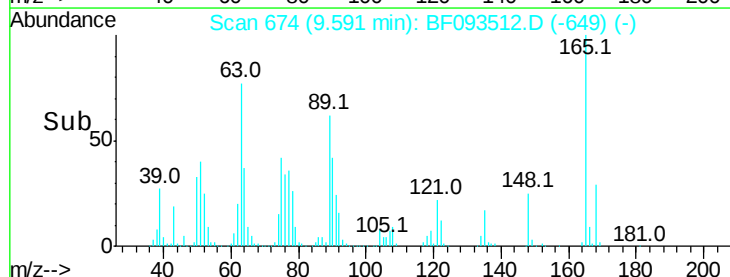
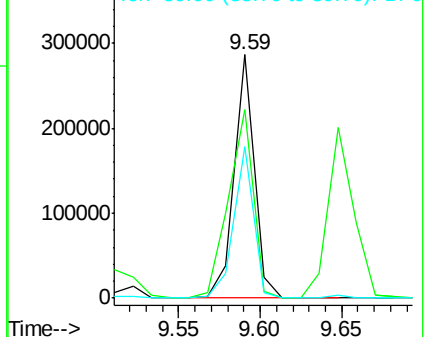
89 62.3 40.2 60.4#

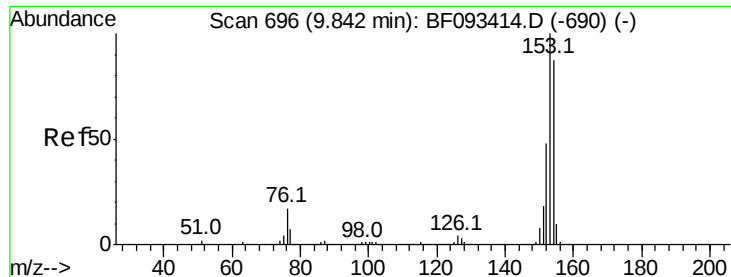


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.15 ng

RT: 9.82 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

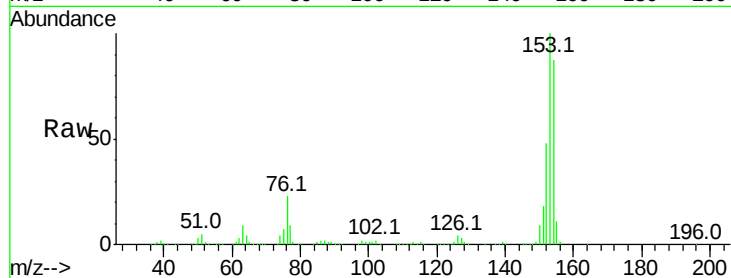
Tot Ion:154 Resp: 821702

Ion Ratio Lower Upper

154 100

153 115.1 88.6 133.0

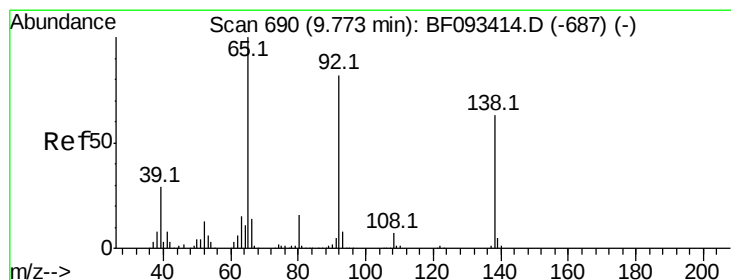
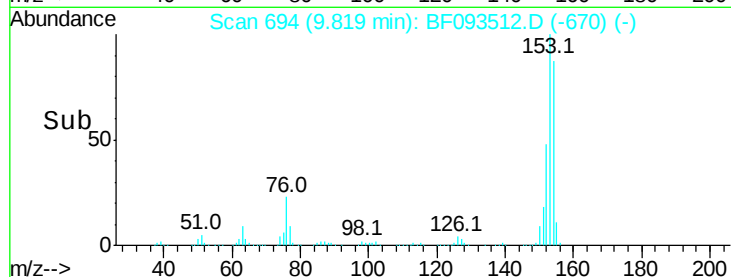
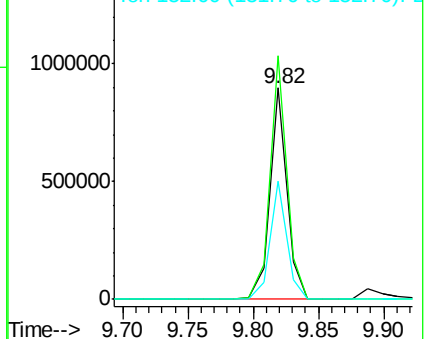
152 55.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.96 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

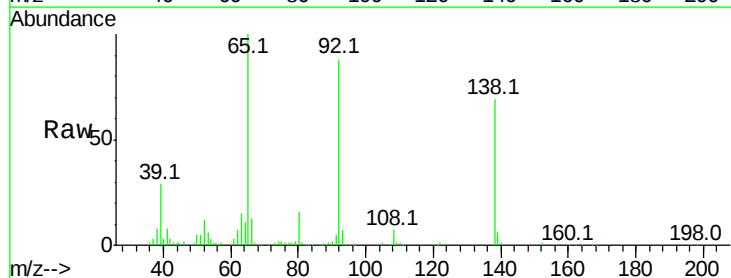
Tgt Ion:138 Resp: 97025

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

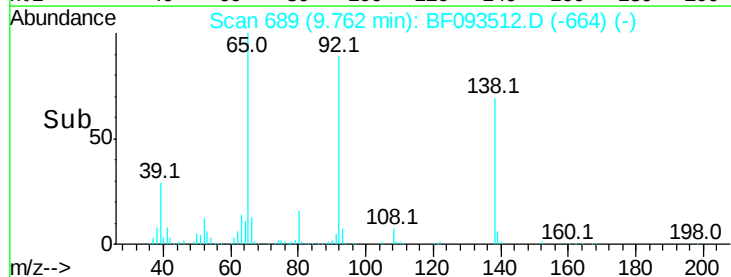
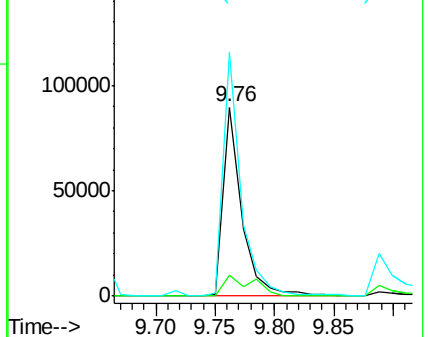
92 128.7 97.8 146.8

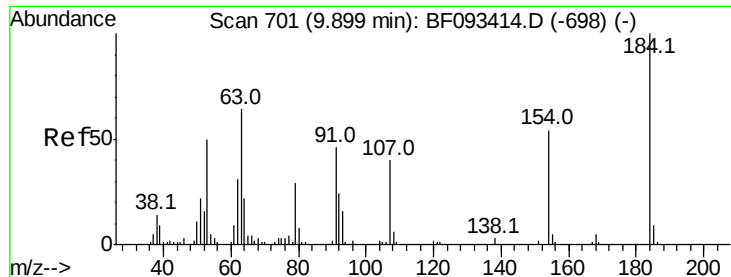


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

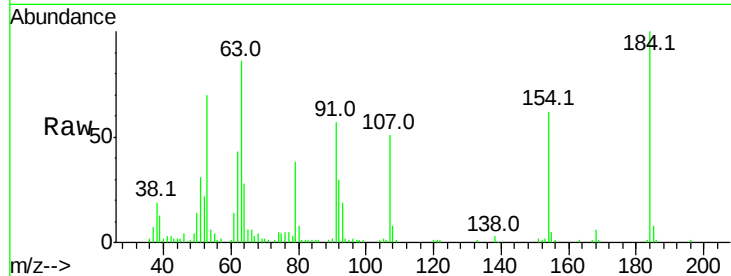




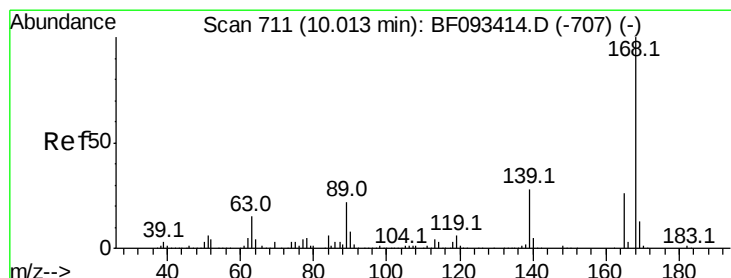
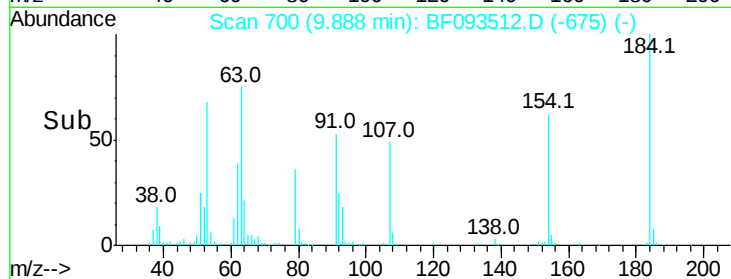
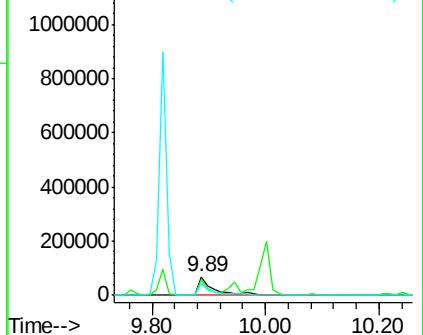
#53
 2,4-Dinitrophenol
 Concen: 62.81 ng
 RT: 9.89 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 136231
 Ion Ratio Lower Upper
 184 100
 63 86.0 28.4 42.6#
 154 62.2 44.3 66.5

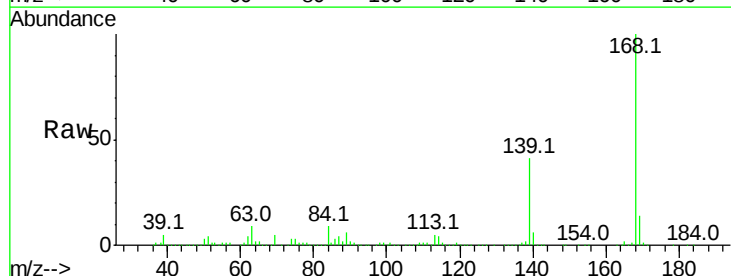


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

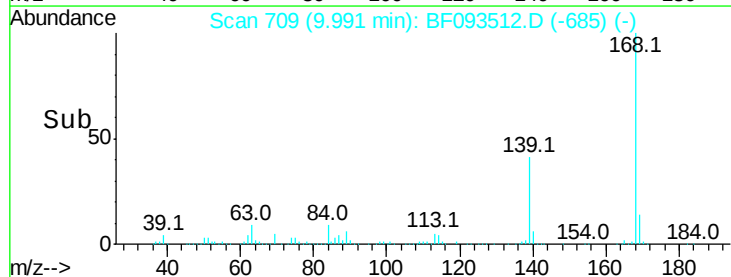
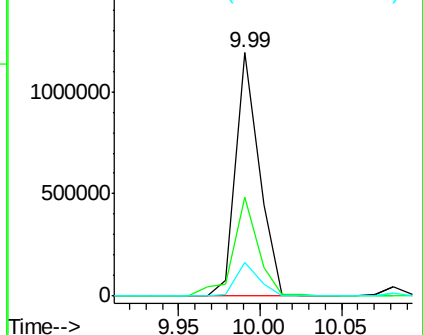


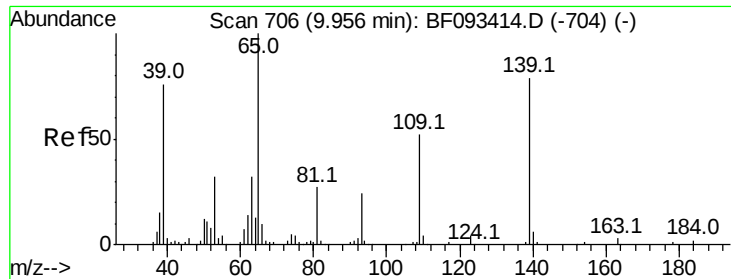
#54
 Dibenzofuran
 Concen: 53.16 ng
 RT: 9.99 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Tgt Ion:168 Resp: 1184748
 Ion Ratio Lower Upper
 168 100
 139 40.9 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

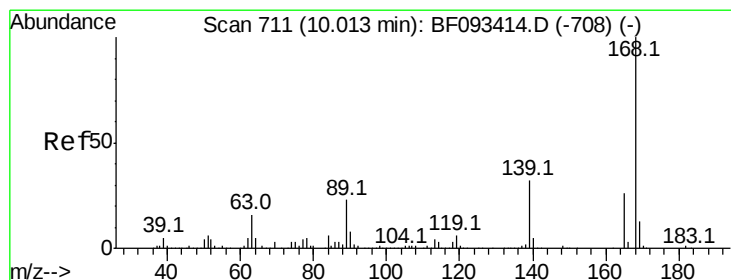
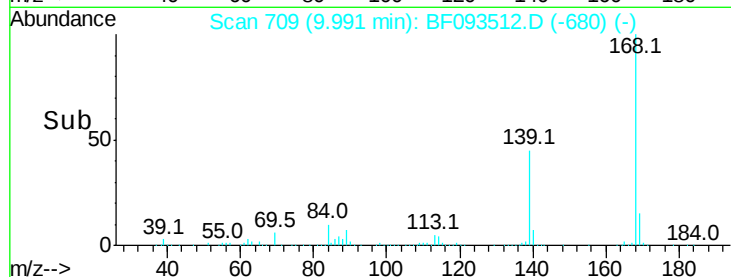
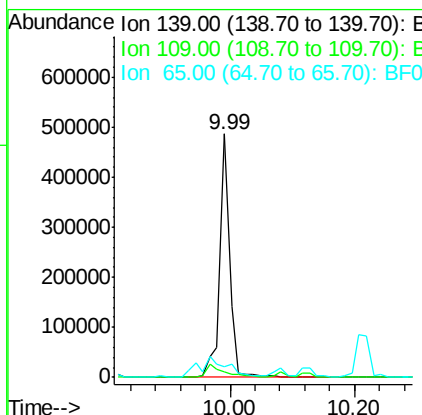
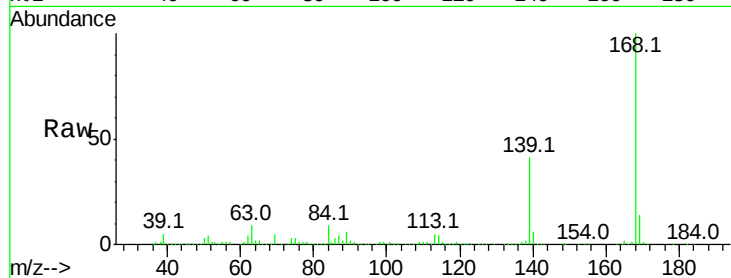




#55
4-Nitrophenol
Concen: 191.01 ng
RT: 9.99 min Scan# 709
Delta R.T. 0.03 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

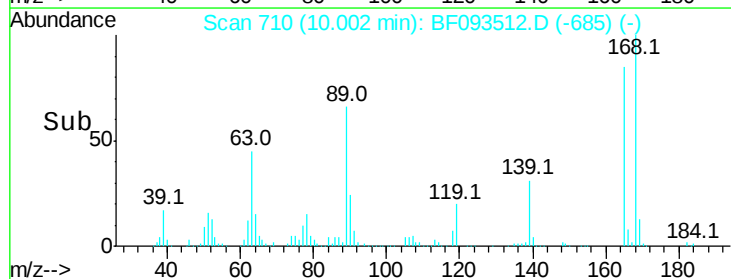
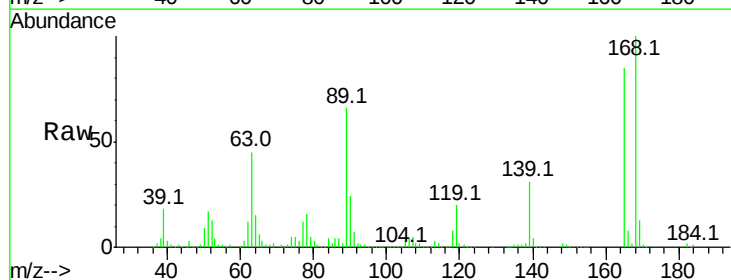
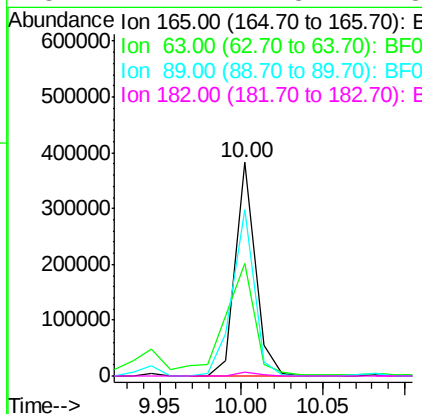
Instrument :
BNA_F
ClientSampleId :

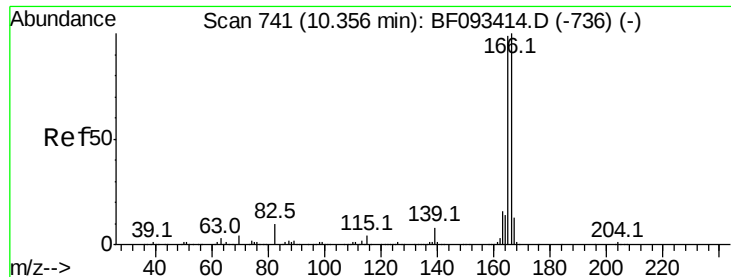
Tot Ion:139 Resp: 530872
Ion Ratio Lower Upper
139 100
109 2.2 52.2 92.2#
65 4.4 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 55.16 ng
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Tgt Ion:165 Resp: 322747
Ion Ratio Lower Upper
165 100
63 52.9 40.2 60.4
89 78.0 62.5 93.7
182 2.1 1.8 2.8

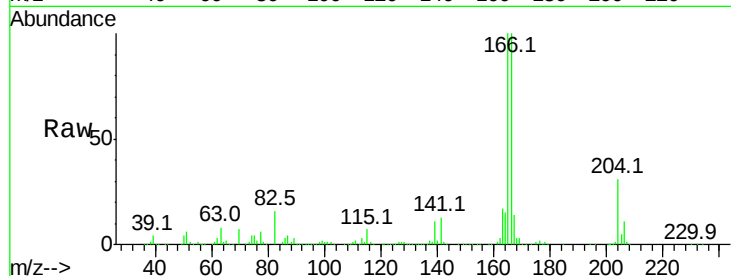




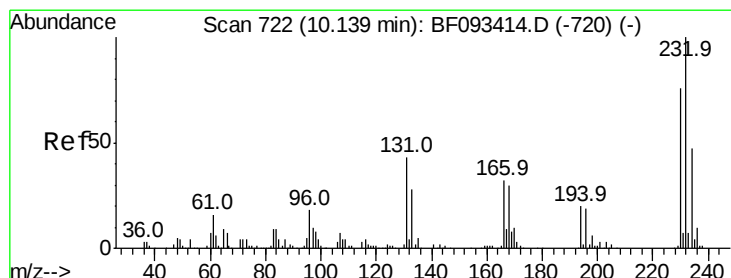
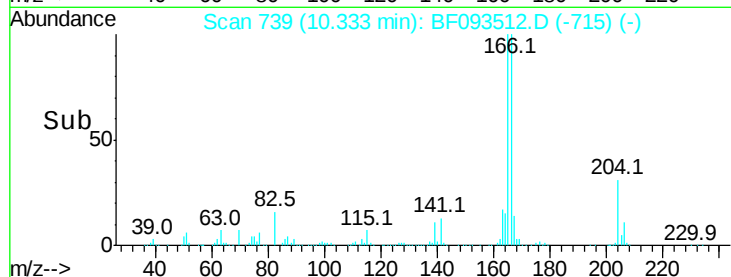
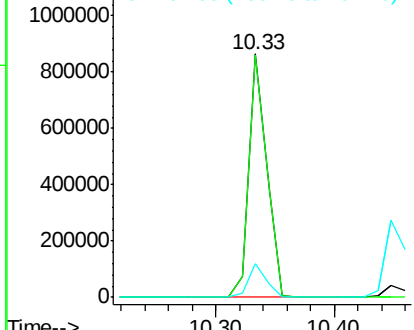
#57
 Fluorene
 Concen: 48.35 ng
 RT: 10.33 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 913063
 Ion Ratio Lower Upper
 166 100
 165 99.8 77.8 116.8
 167 14.0 10.8 16.2

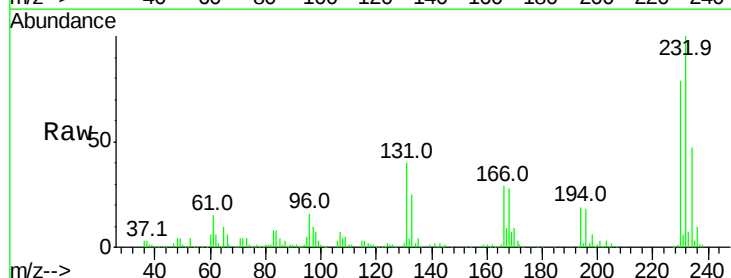


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

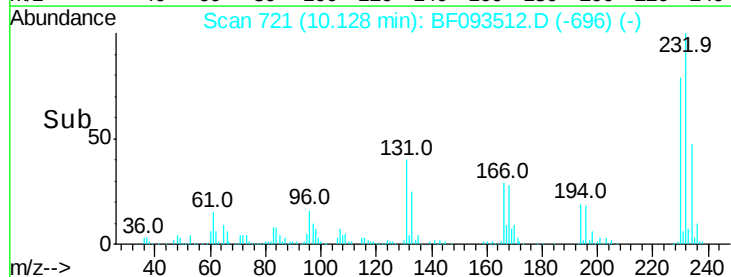
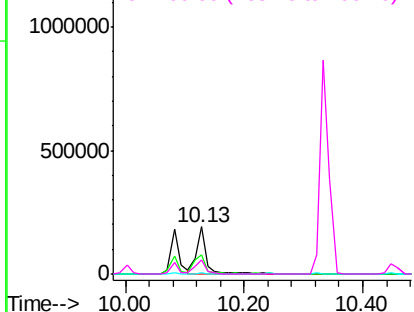


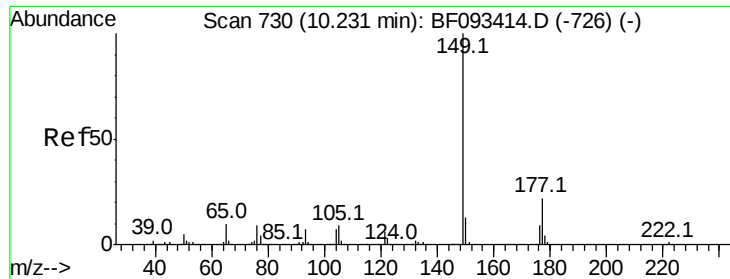
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.30 ng
 RT: 10.13 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Tgt Ion:232 Resp: 225440
 Ion Ratio Lower Upper
 232 100
 131 48.0 40.1 60.1
 130 2.1 1.8 2.8
 166 29.3 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

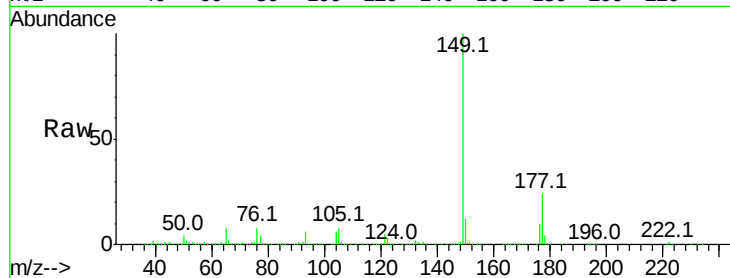




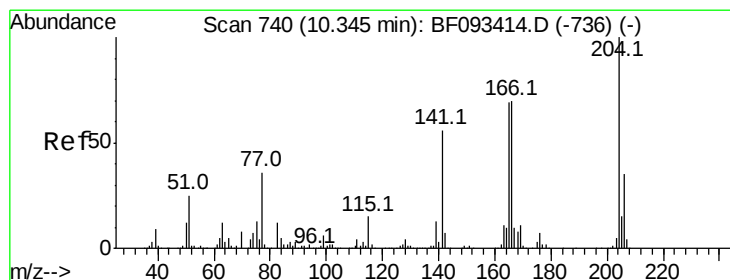
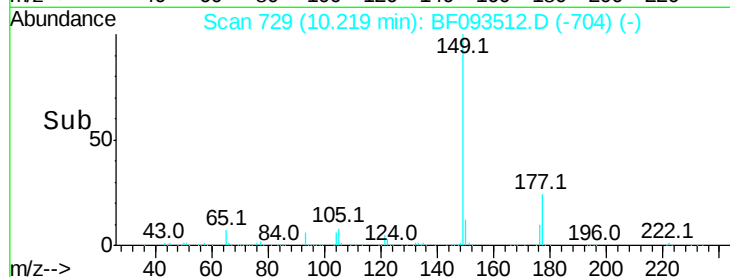
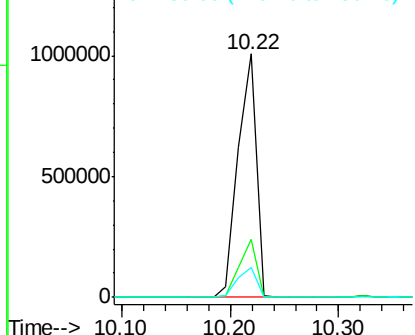
#59
Diethylphthalate
Concen: 55.94 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1160565
Ion Ratio Lower Upper
149 100
177 24.0 16.6 25.0
150 12.5 10.4 15.6

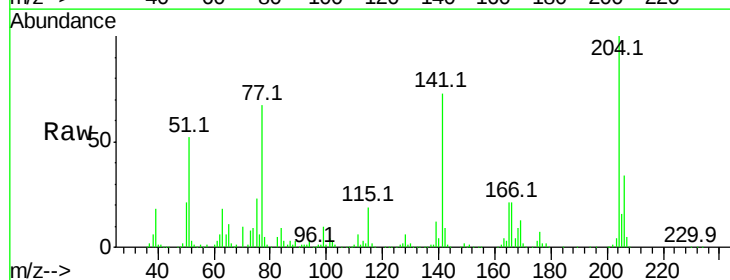


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

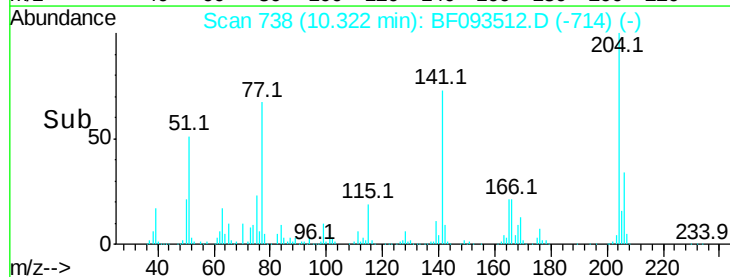
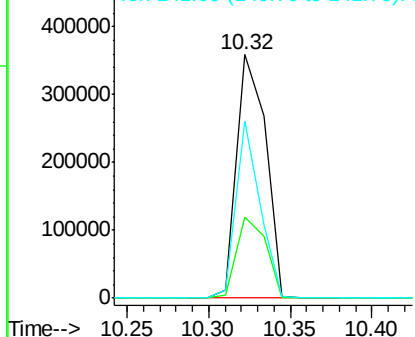


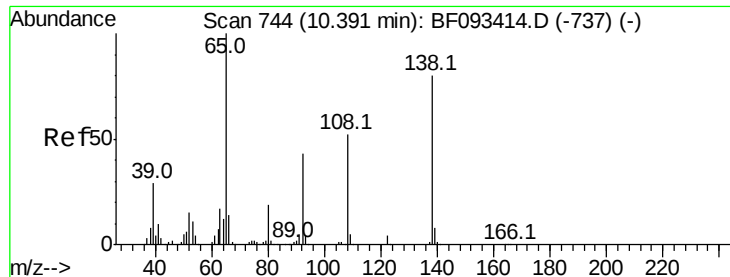
#60
4-Chlorophenyl-phenylether
Concen: 52.01 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Tgt Ion:204 Resp: 440291
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 72.8 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: 35.17 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampled :

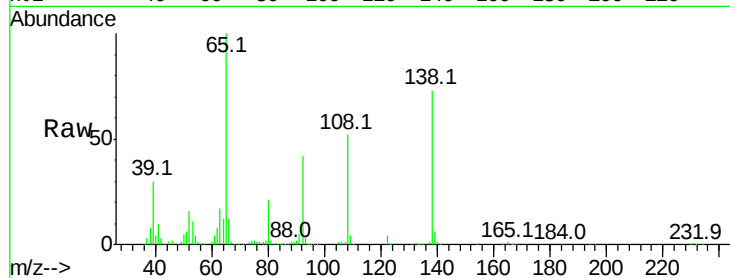
Tot Ion:138 Resp: 205847

Ion Ratio Lower Upper

138 100

92 57.1 31.7 71.7

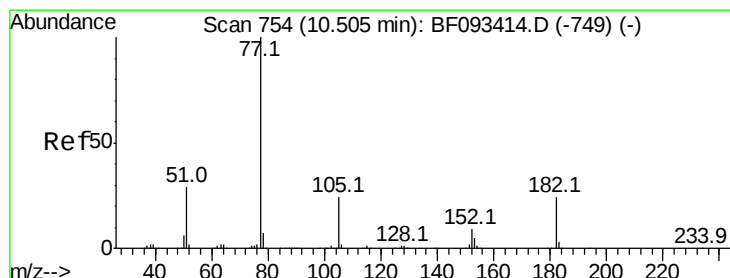
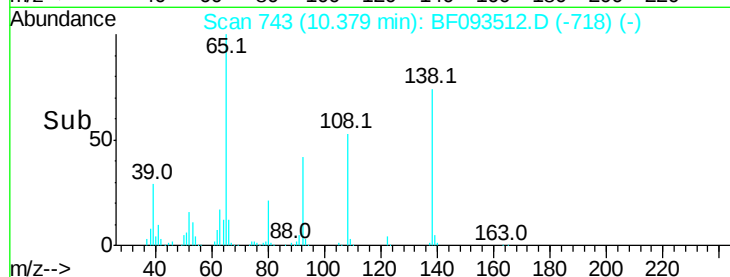
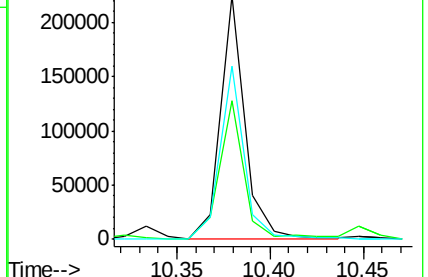
108 71.3 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 57.29 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Tgt Ion: 77 Resp: 1350535

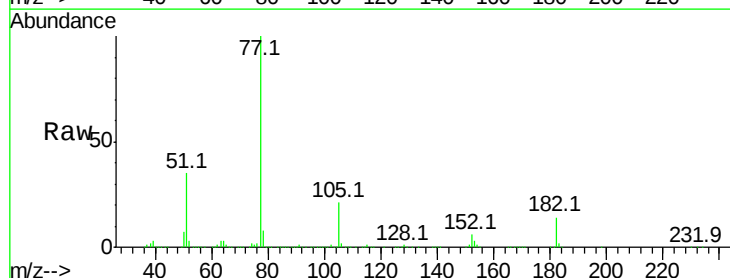
Ion Ratio Lower Upper

77 100

182 13.9 0.0 39.3

105 20.9 2.3 42.3

51 35.0 8.9 48.9

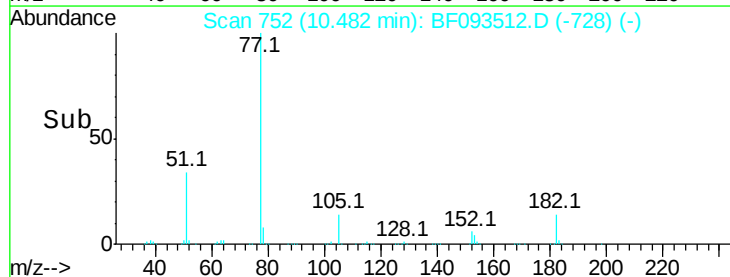
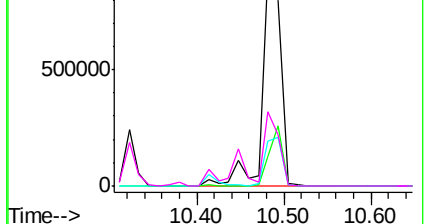


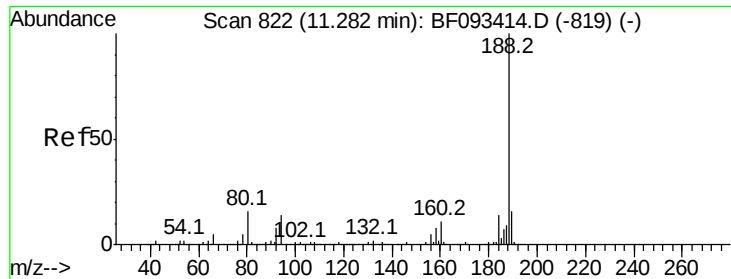
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

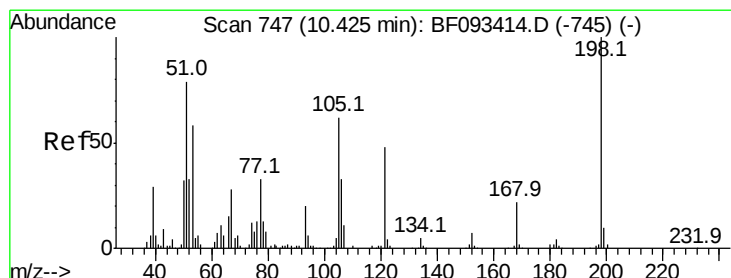
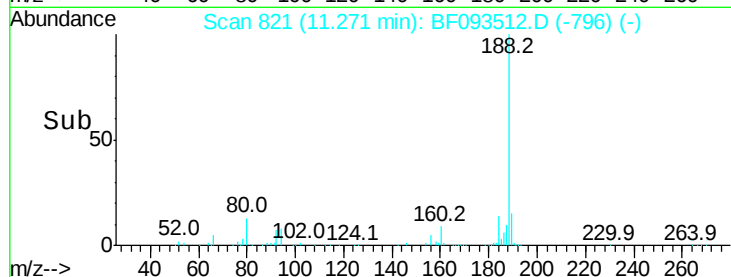
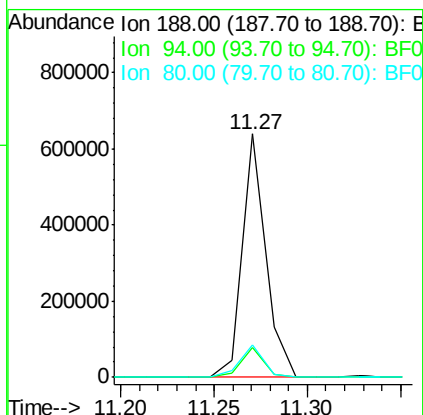
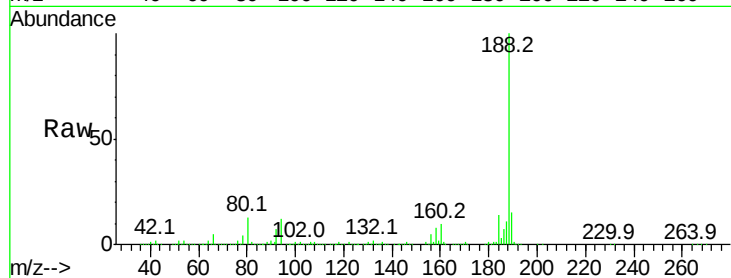




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

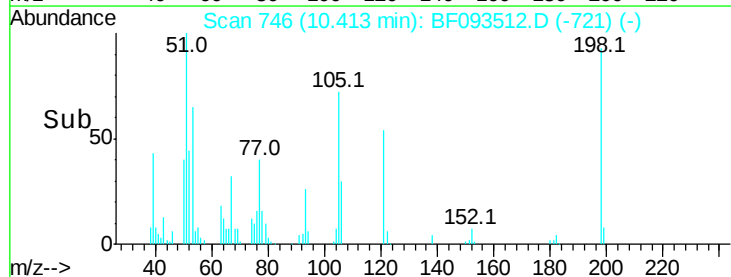
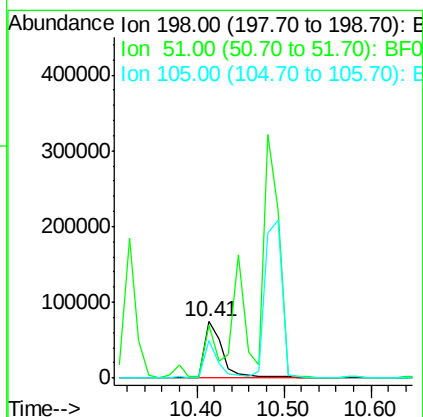
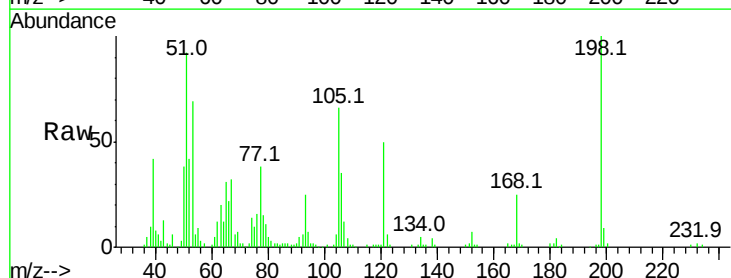
Instrument :
 BNA_F
 ClientSampleId :

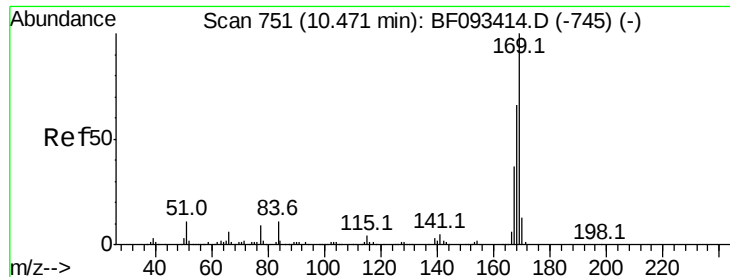
Tot Ion:188 Resp: 562926
 Ion Ratio Lower Upper
 188 100
 94 12.4 10.0 15.0
 80 13.4 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.09 ng
 RT: 10.41 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Tgt Ion:198 Resp: 109733
 Ion Ratio Lower Upper
 198 100
 51 92.5 6.7 46.7#
 105 65.5 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 45.15 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

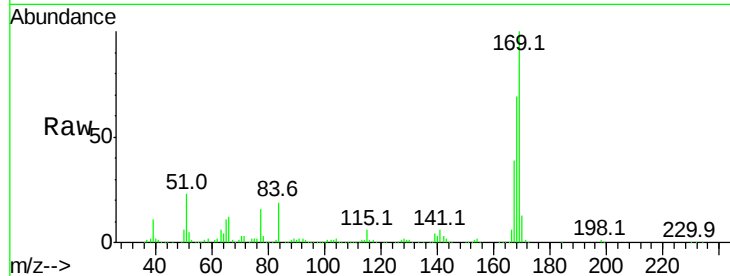
Tot Ion:169 Resp: 848713

Ion Ratio Lower Upper

169 100

168 68.9 54.2 81.2

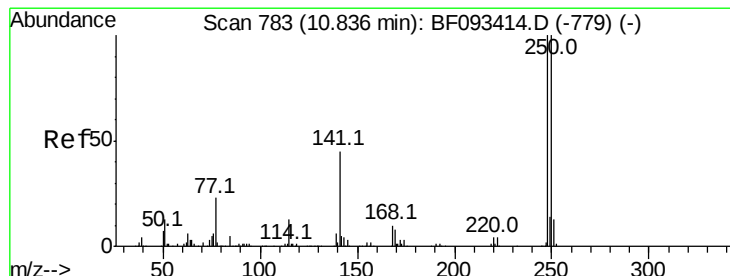
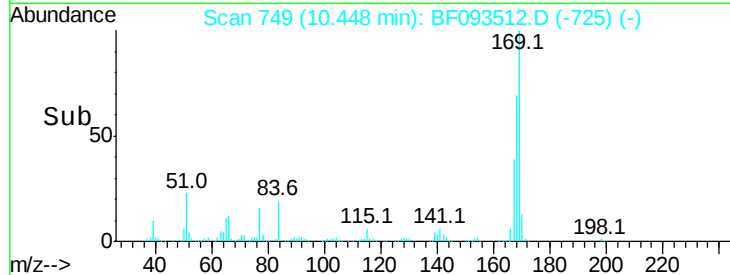
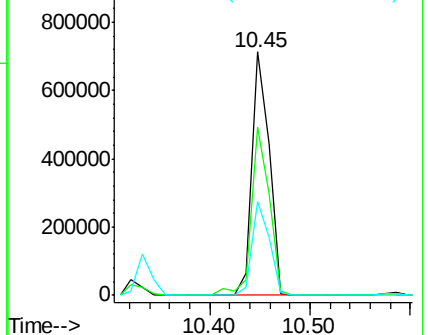
167 38.6 30.2 45.4



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: 43.68 ng

RT: 10.81 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

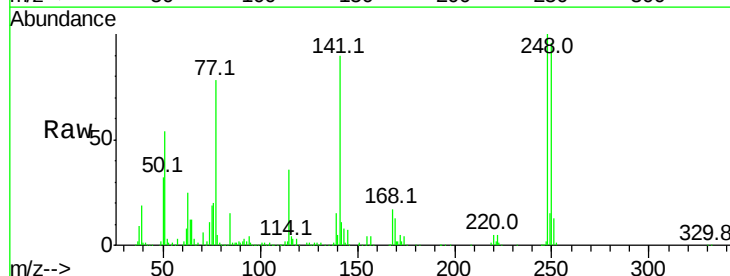
Tgt Ion:248 Resp: 259986

Ion Ratio Lower Upper

248 100

250 96.0 76.9 115.3

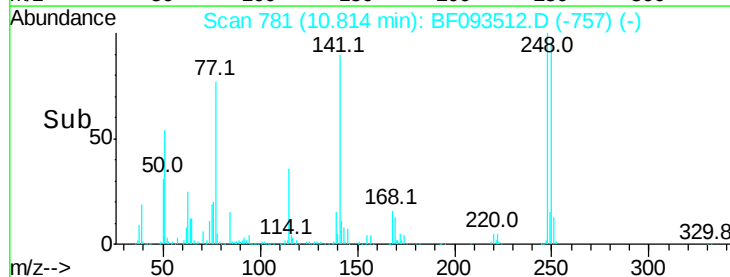
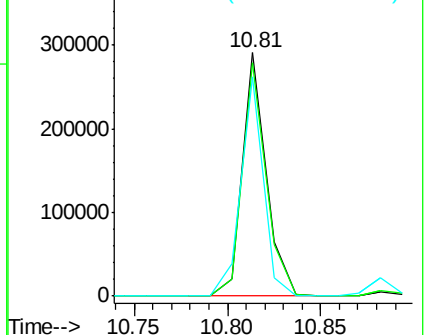
141 89.9 68.2 102.4

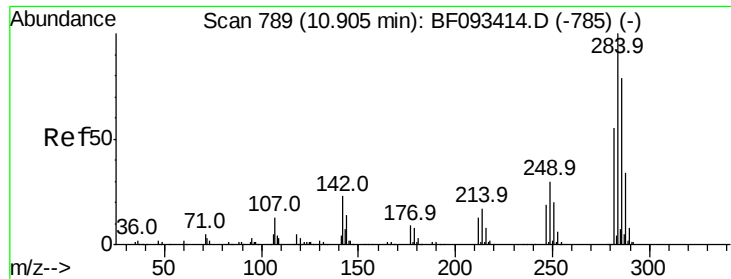


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.90 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampled :

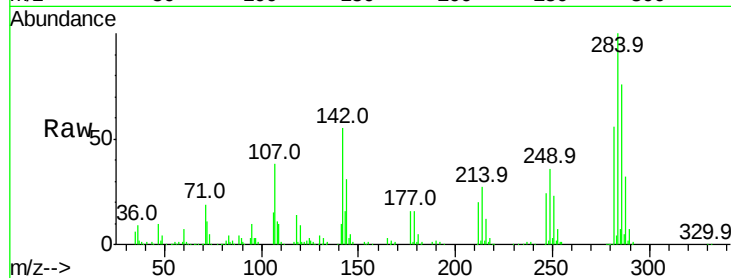
Tot Ion:284 Resp: 249521

Ion Ratio Lower Upper

284 100

142 55.1 22.6 33.8#

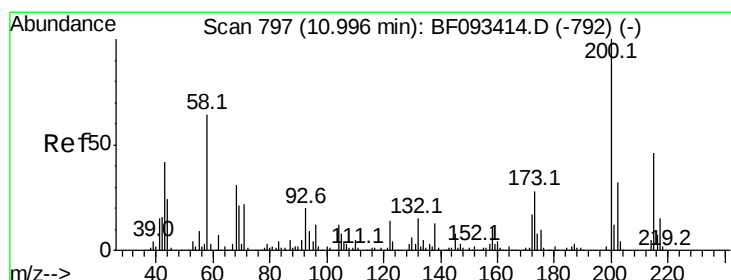
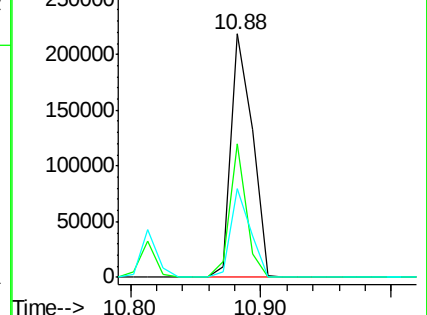
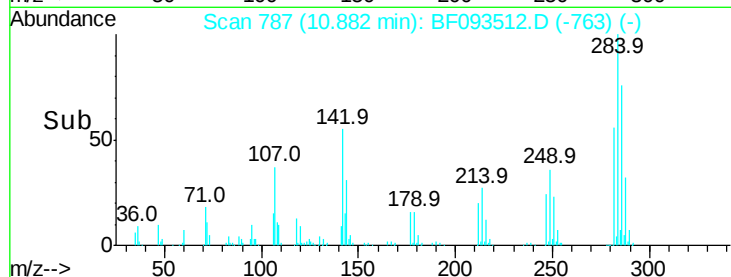
249 36.4 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.05 ng

RT: 10.98 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

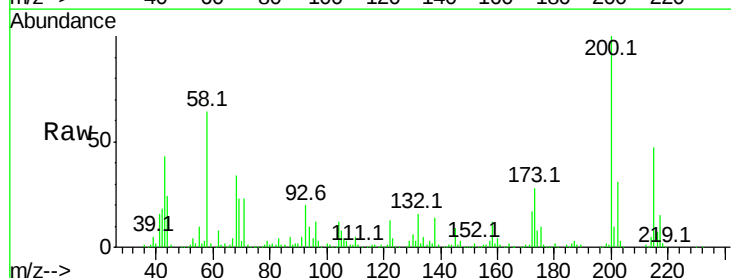
Tgt Ion:200 Resp: 286343

Ion Ratio Lower Upper

200 100

173 28.0 9.6 49.6

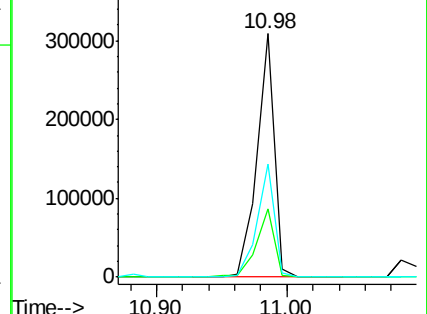
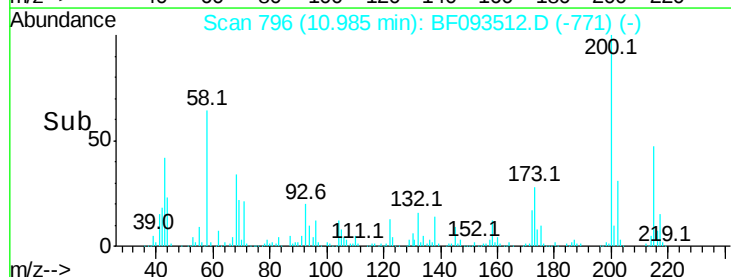
215 46.7 25.7 65.7

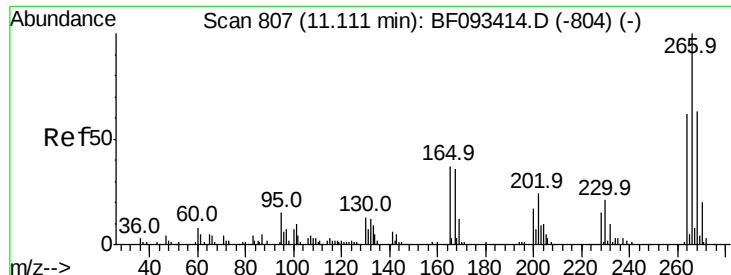


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

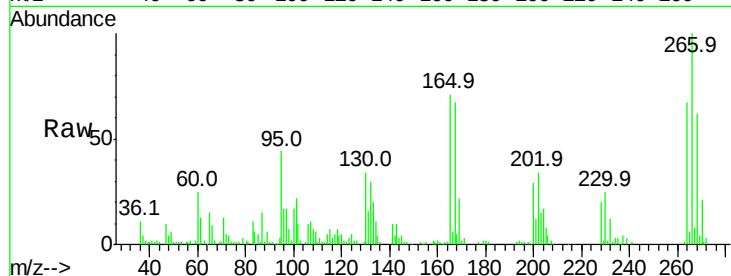




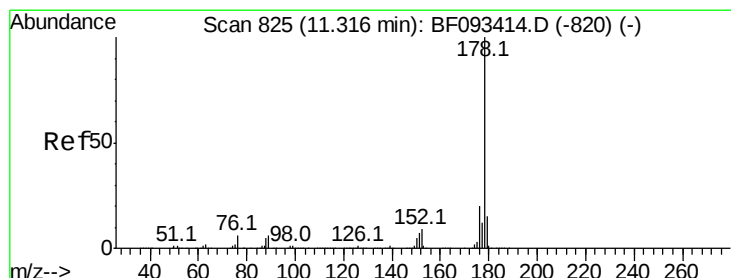
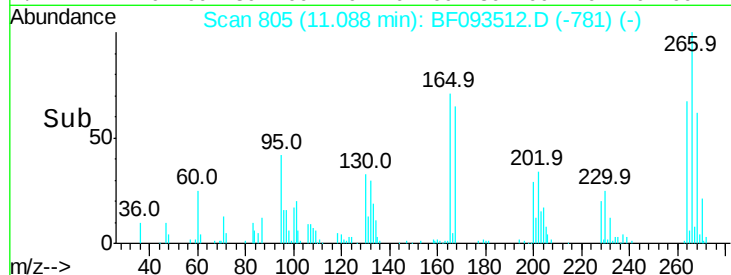
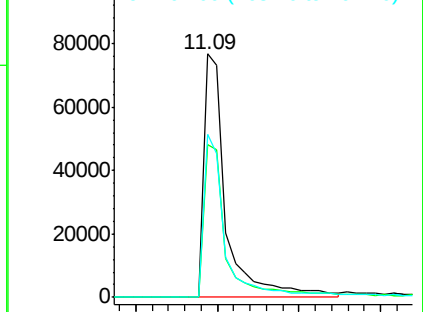
#69
 Pentachlorophenol
 Concen: 75.75 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 148650
 Ion Ratio Lower Upper
 266 100
 268 62.5 53.3 79.9
 264 66.8 50.3 75.5

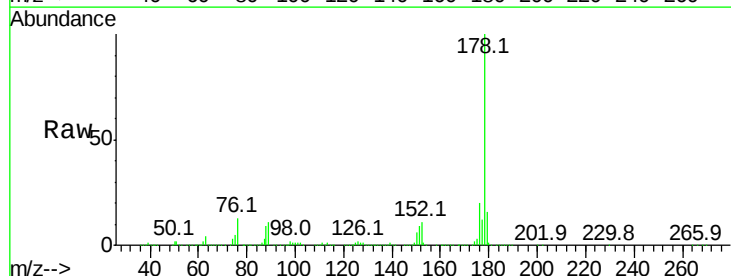


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

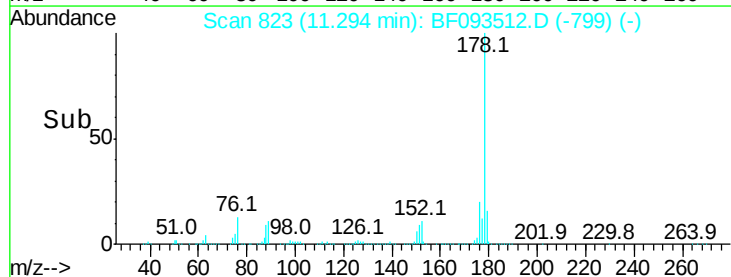
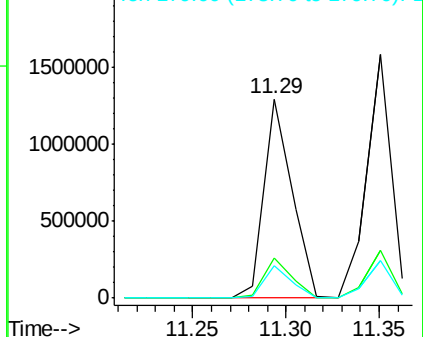


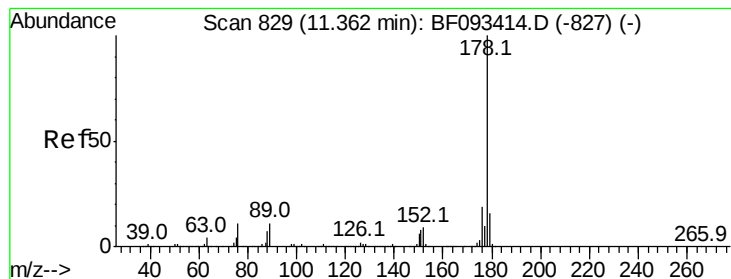
#70
 Phenanthrene
 Concen: 41.99 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Tgt Ion:178 Resp: 1349120
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 16.1 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: 44.32 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

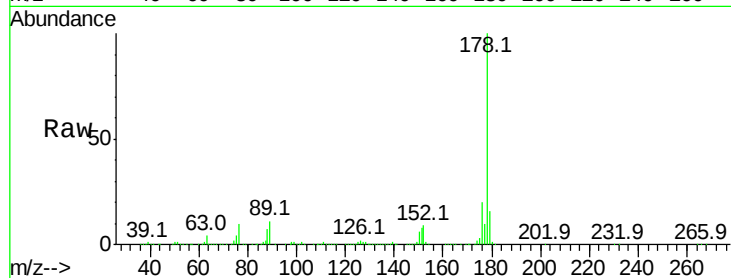
Tot Ion:178 Resp: 1440605

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

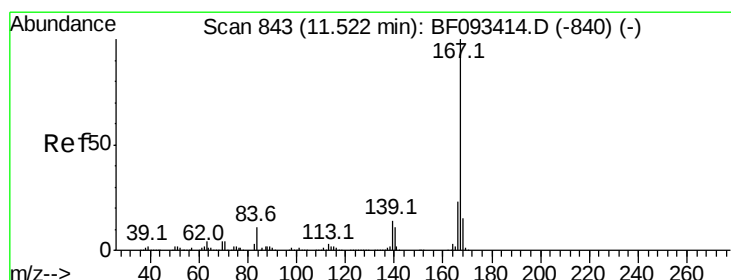
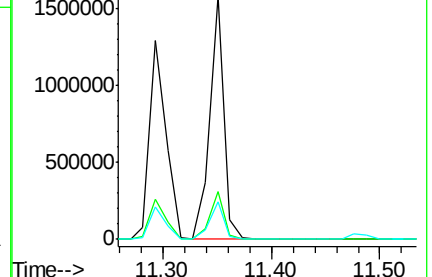
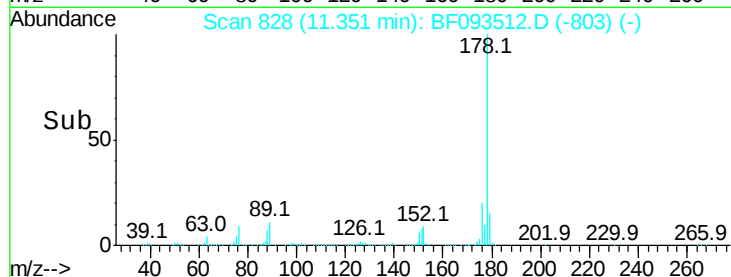
179 15.5 13.2 19.8



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: 39.72 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

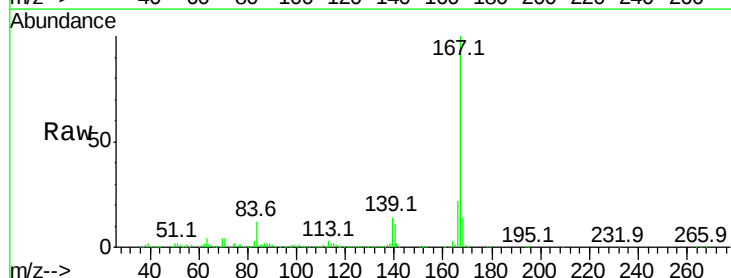
Tgt Ion:167 Resp: 1212719

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

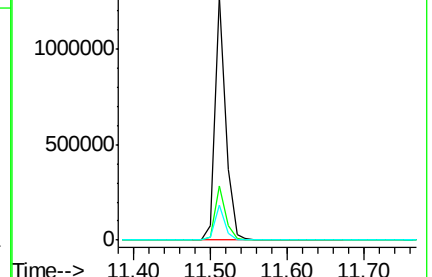
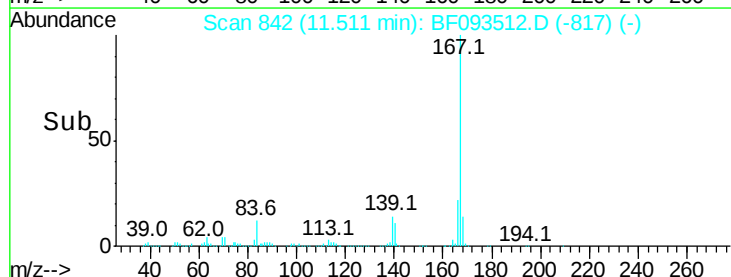
139 14.2 11.4 17.2

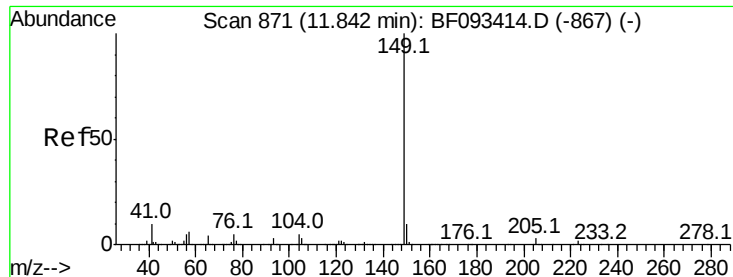


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.32 ng

RT: 11.83 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

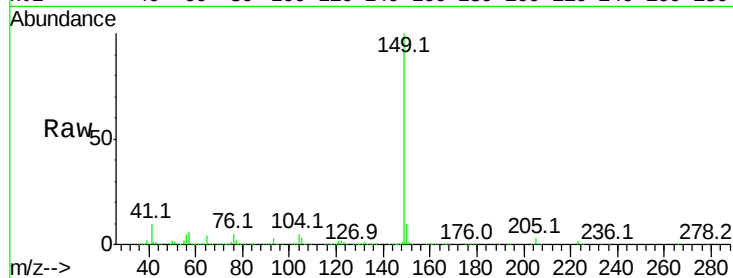
Tot Ion:149 Resp: 1565493

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

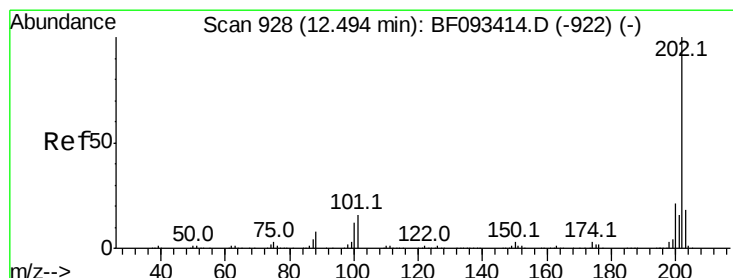
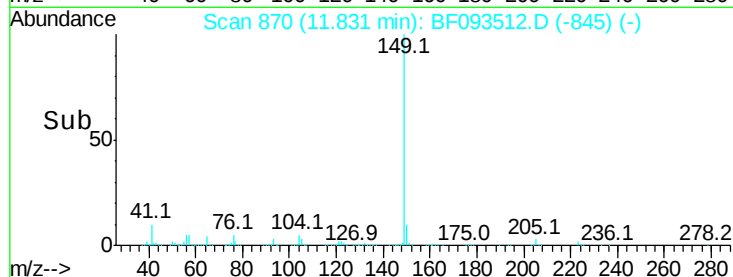
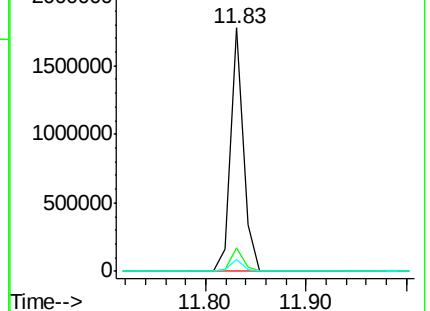
104 5.1 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.51 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

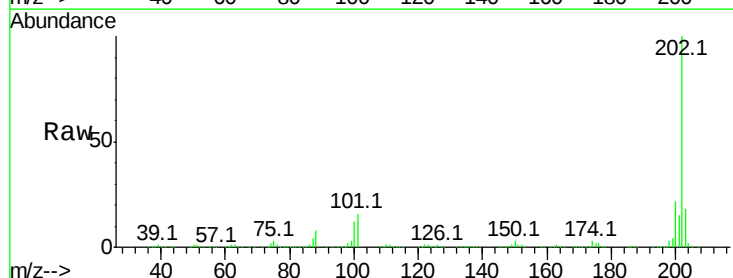
Tgt Ion:202 Resp: 1195367

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.6

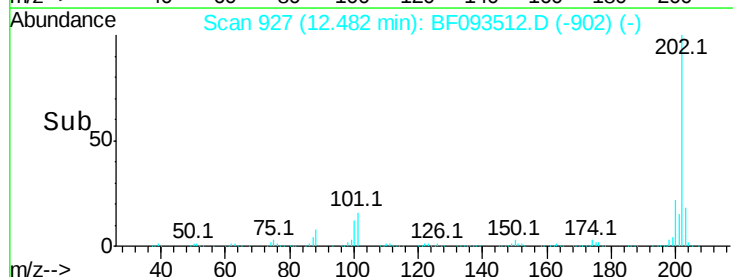
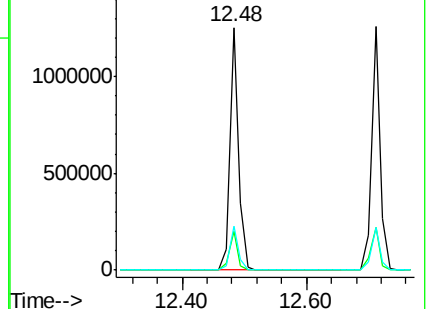
203 18.0 0.0 38.7

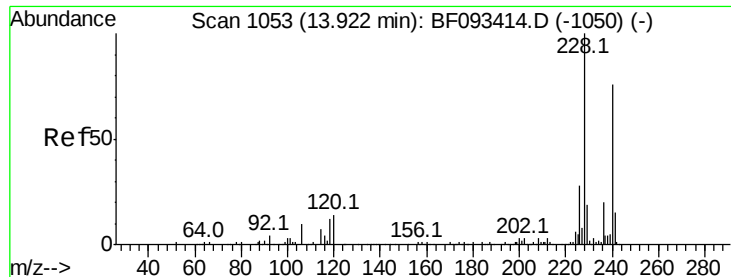


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

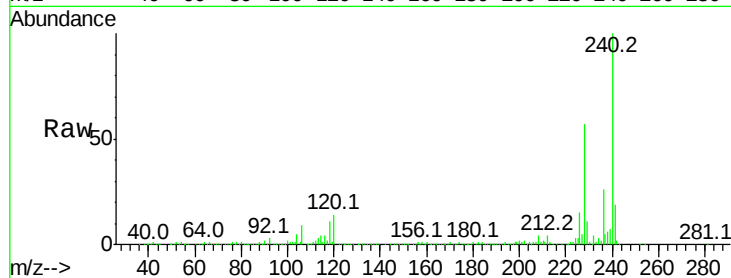
Tot Ion:240 Resp: 372183

Ion Ratio Lower Upper

240 100

120 14.0 12.9 19.3

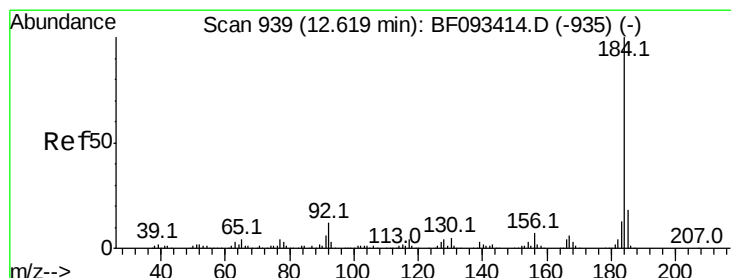
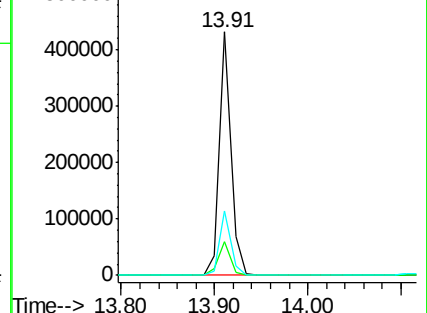
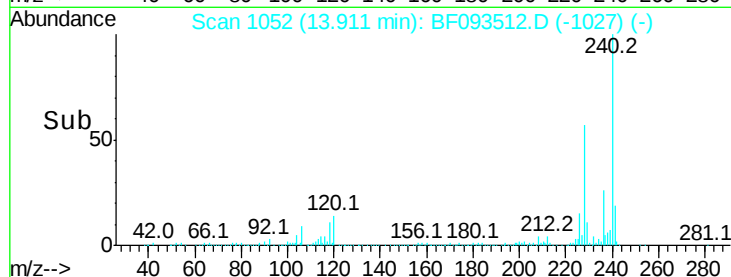
236 26.4 20.9 31.3



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: 36.10 ng

RT: 12.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

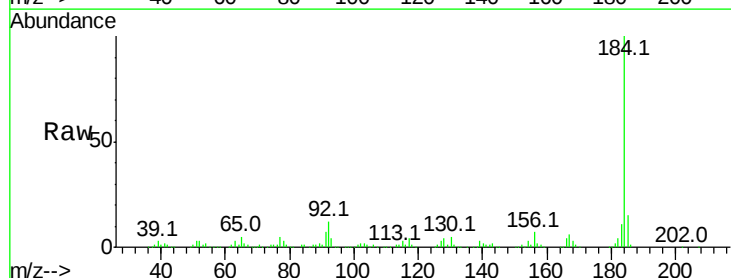
Tgt Ion:184 Resp: 441846

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.0

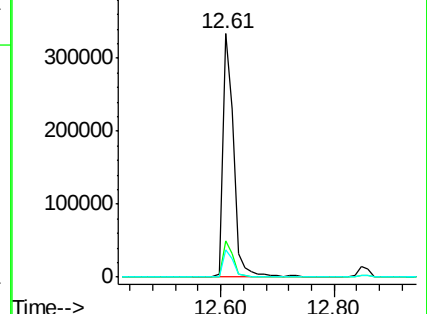
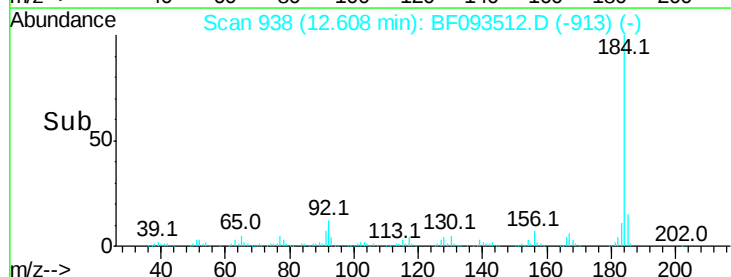
183 11.3 9.2 13.8

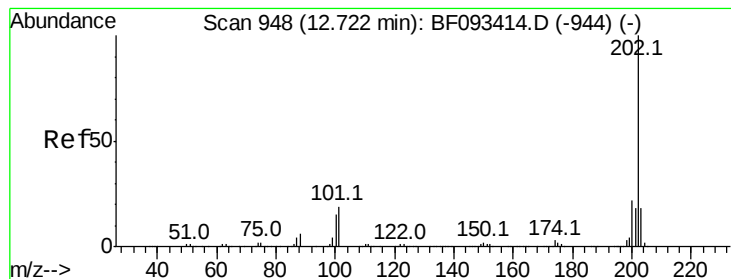


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.82 ng

RT: 12.71 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

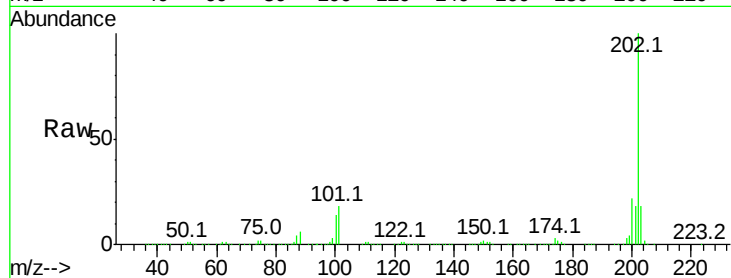
Tot Ion:202 Resp: 1186062

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

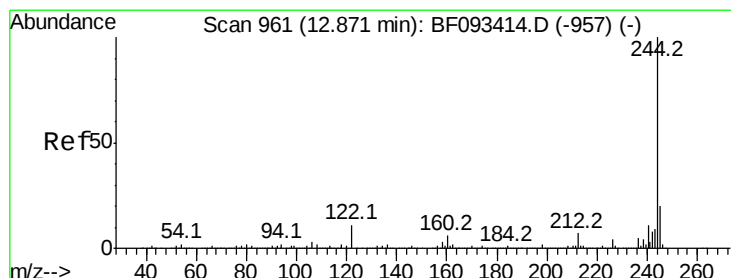
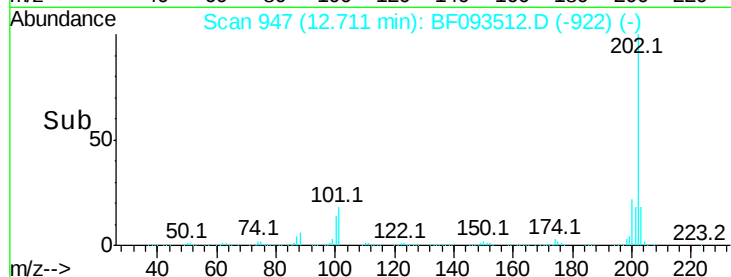
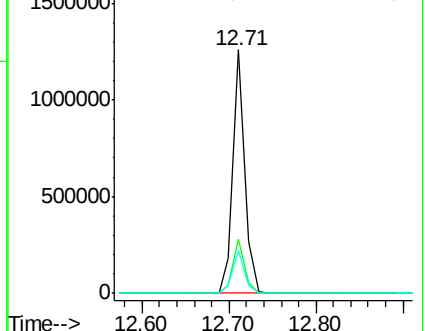
203 17.8 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.67 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

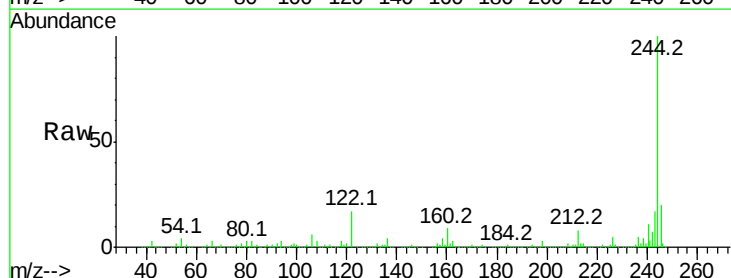
Tgt Ion:244 Resp: 1340834

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

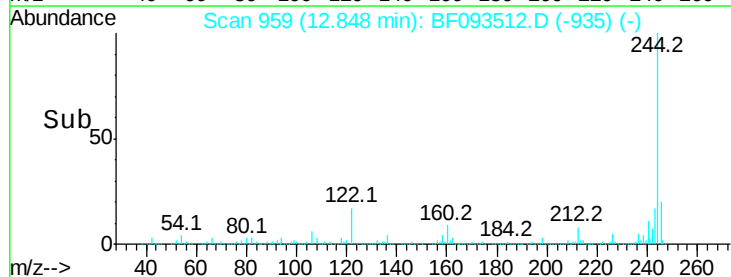
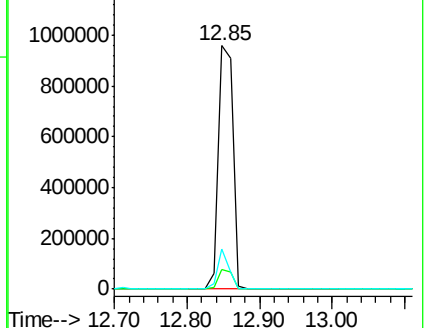
122 16.6 11.4 17.2

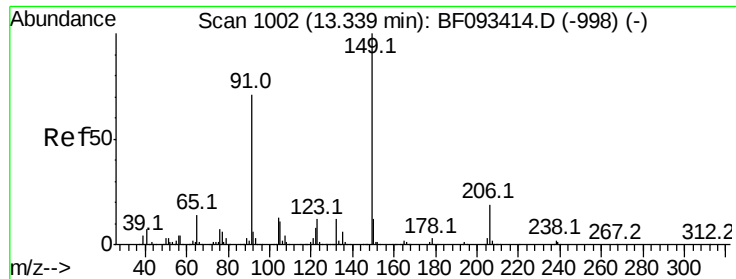


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

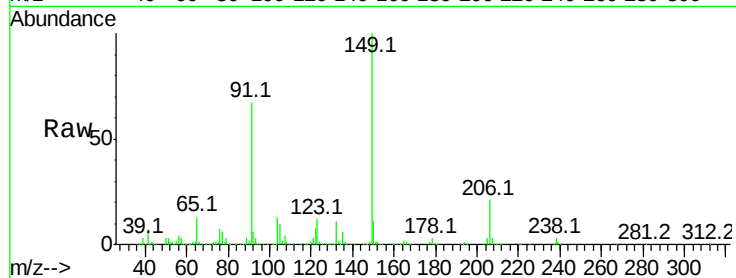




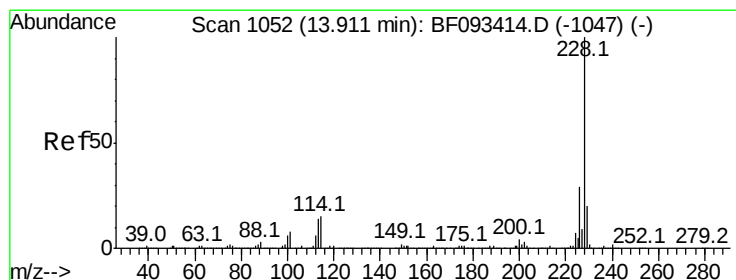
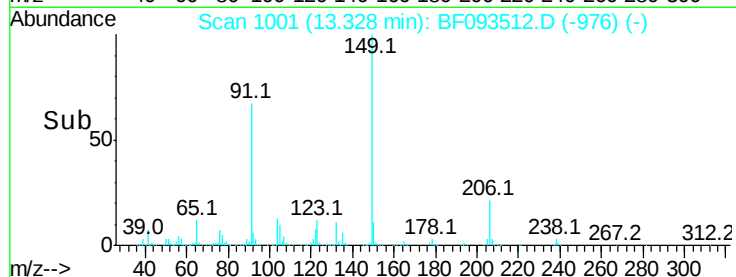
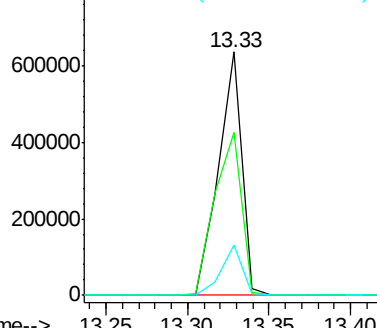
#79
Butylbenzylphthalate
Concen: 55.42 ng
RT: 13.33 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.8	63.9	95.9
206	20.9	14.6	21.8

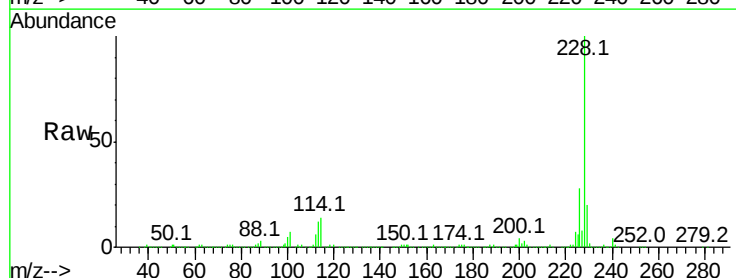


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

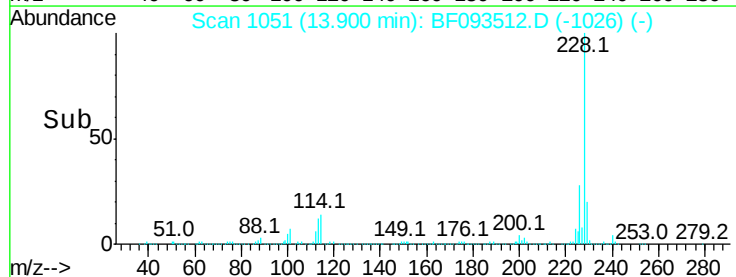
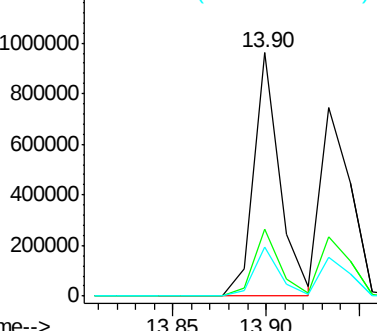


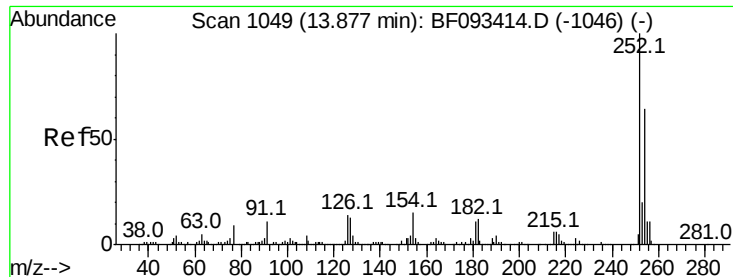
#80
Benzo(a)anthracene
Concen: 42.20 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.4	33.6
229	20.1	16.2	24.4



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

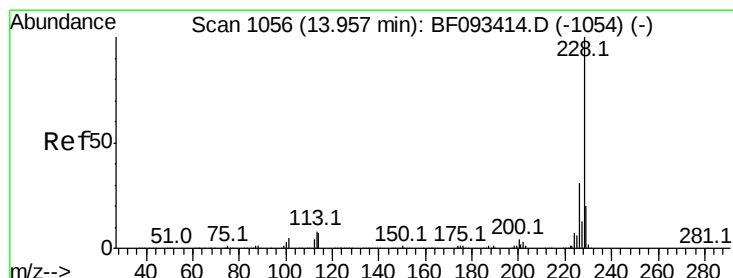
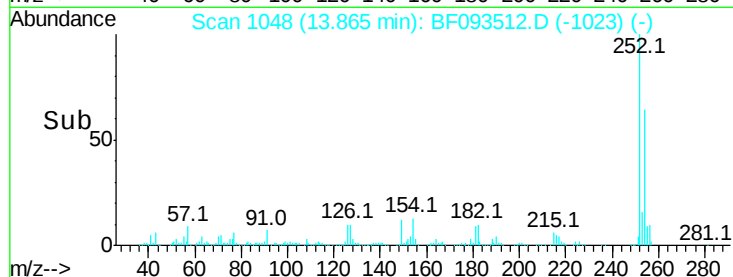
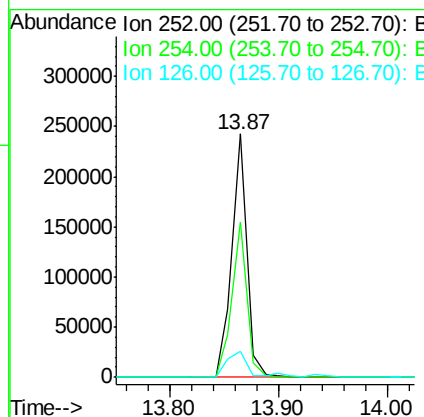
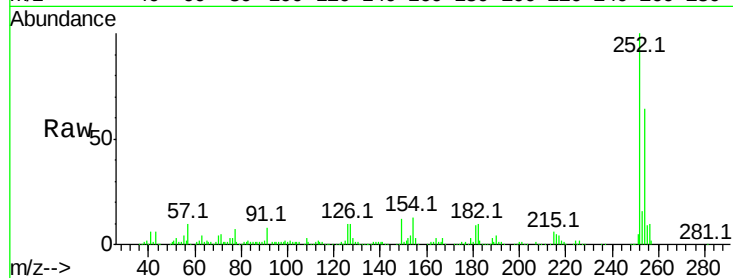




#81
 3,3'-Dichlorobenzidine
 Concen: 30.23 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

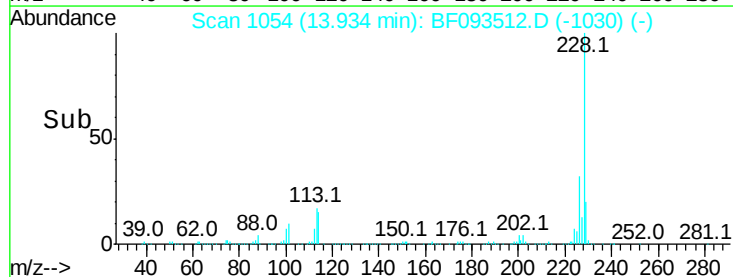
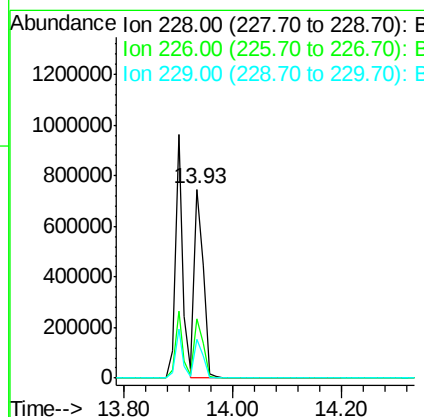
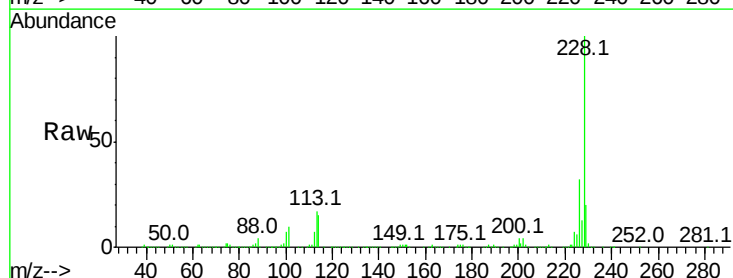
Instrument :
 BNA_F
 ClientSampleId :

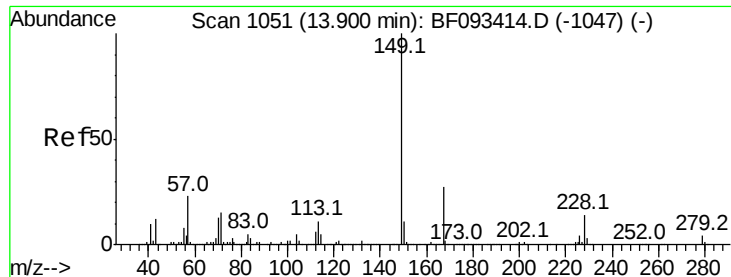
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.3	78.5
126	10.4	13.6	20.4



#82
 Chrysene
 Concen: 41.60 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	20.3	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.56 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

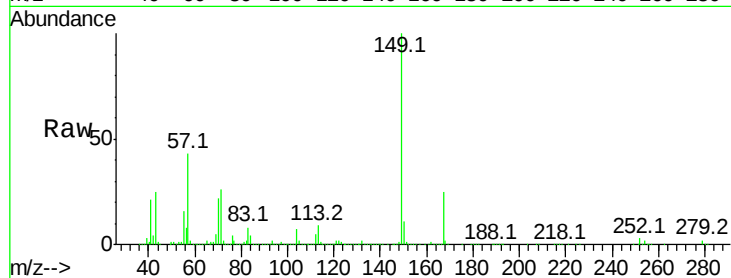
Tot Ion:149 Resp: 803054

Ion Ratio Lower Upper

149 100

167 24.9 20.2 30.4

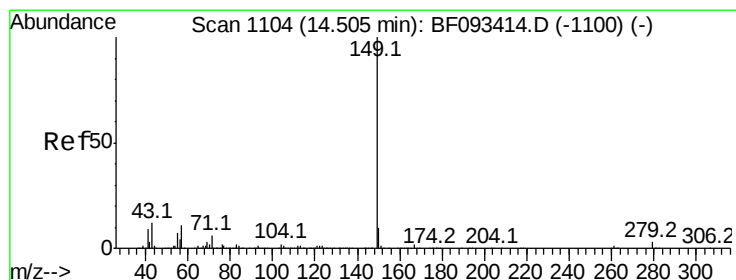
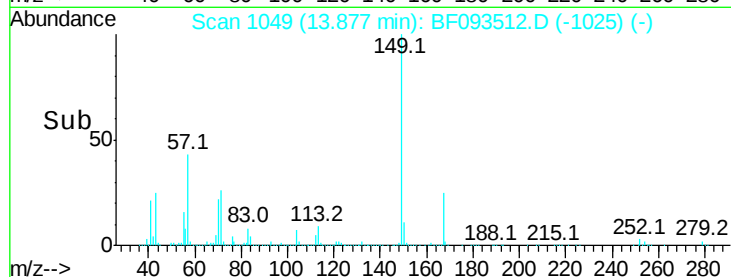
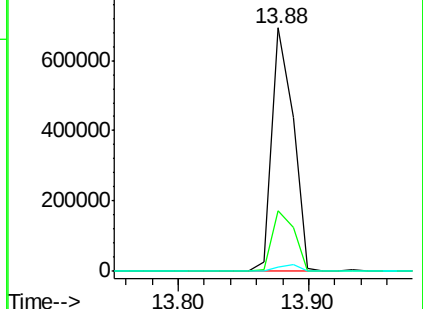
279 1.7 1.8 2.8#



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: 47.24 ng

RT: 14.49 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

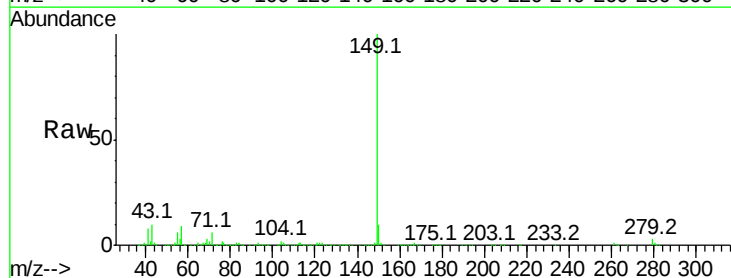
Tgt Ion:149 Resp: 1250365

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

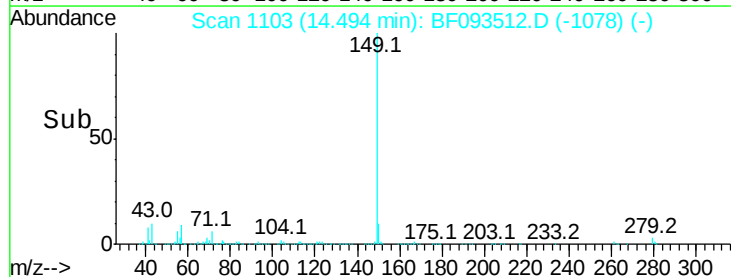
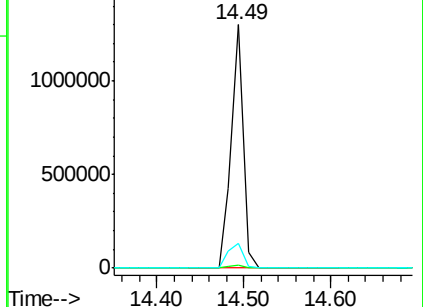
43 12.9 8.9 13.3

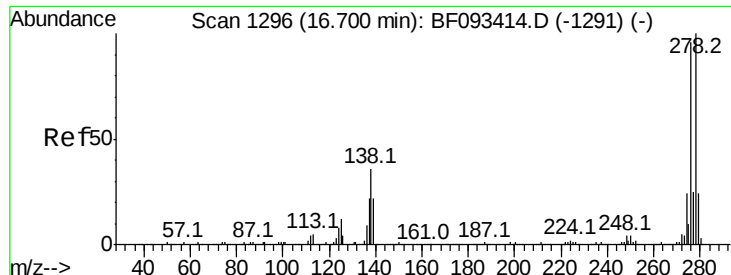


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

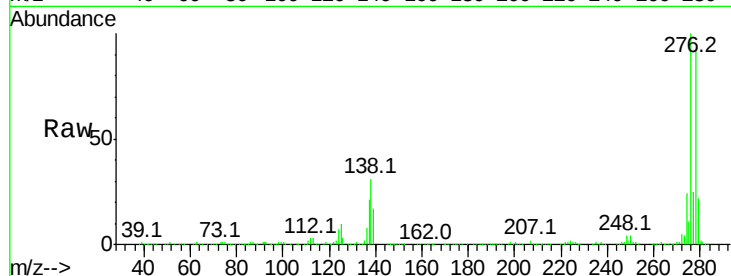




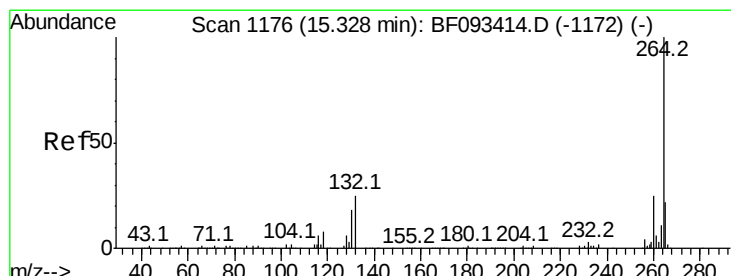
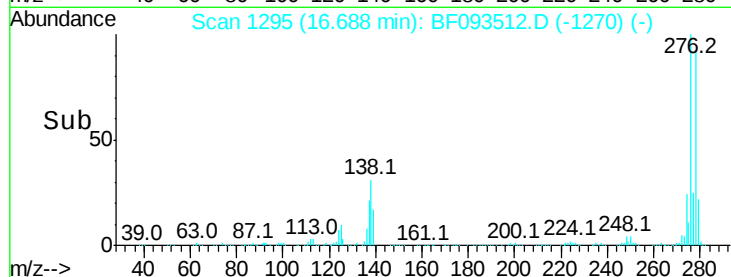
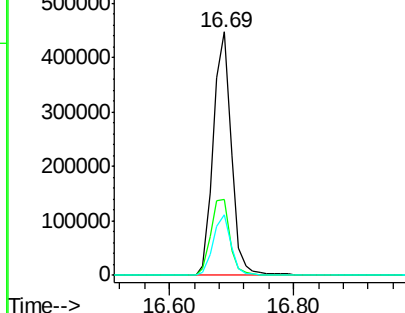
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.40 ng
 RT: 16.69 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.8	32.6
277	24.8	20.2	30.4

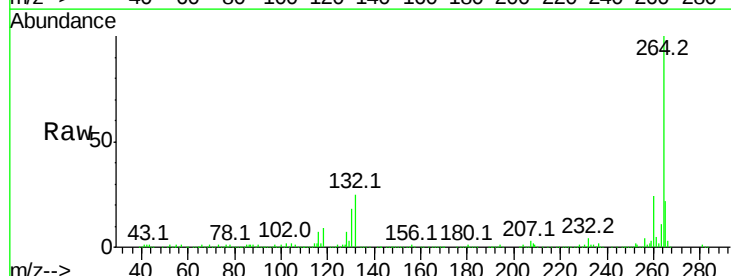


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

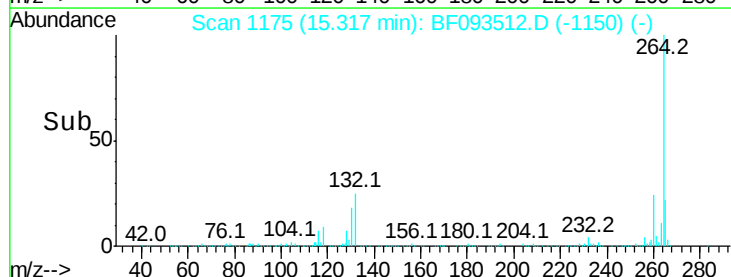
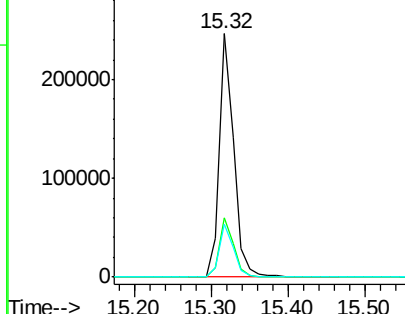


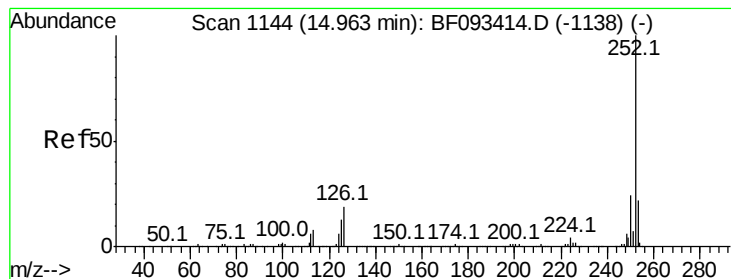
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093512.D
 Acq: 10 Mar 2017 9:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.4	26.0



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





#87

Benzo(b)fluoranthene

Concen: 89.10 ng

RT: 14.95 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampled :

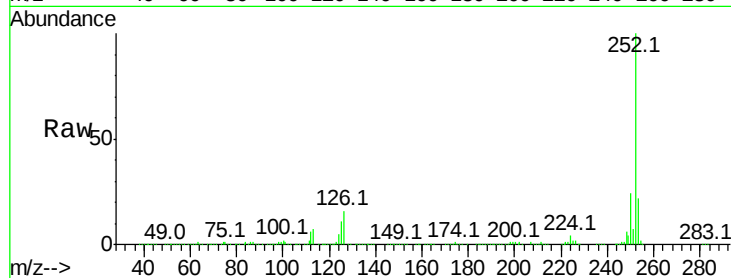
Tot Ion:252 Resp: 1766287

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

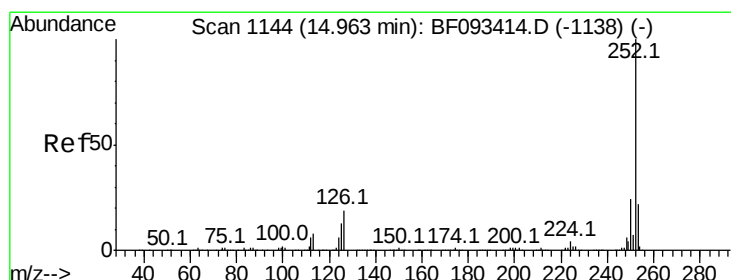
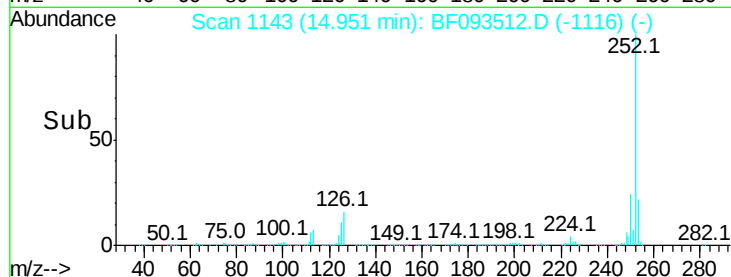
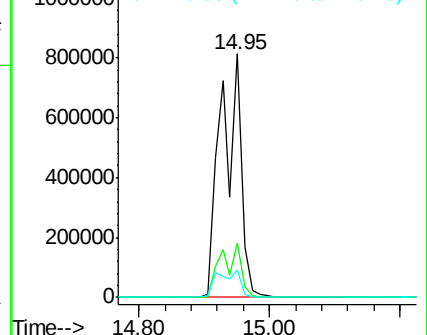
125 11.3 9.8 14.6



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: 92.39 ng

RT: 14.95 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

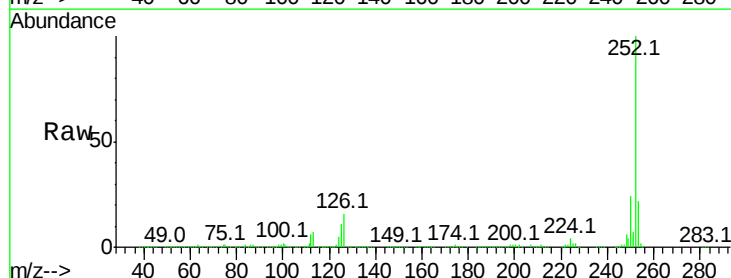
Tgt Ion:252 Resp: 1766287

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

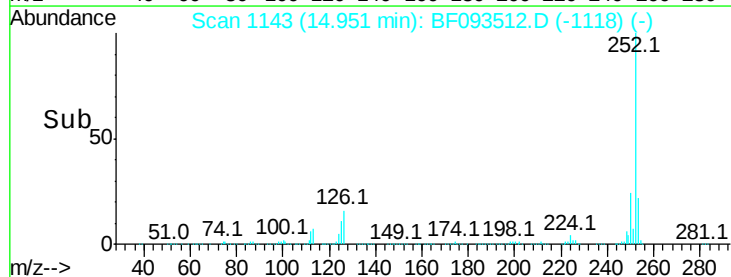
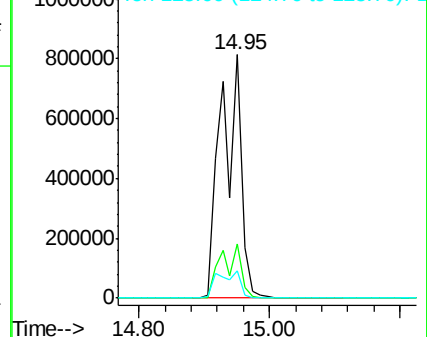
125 11.3 8.9 13.3

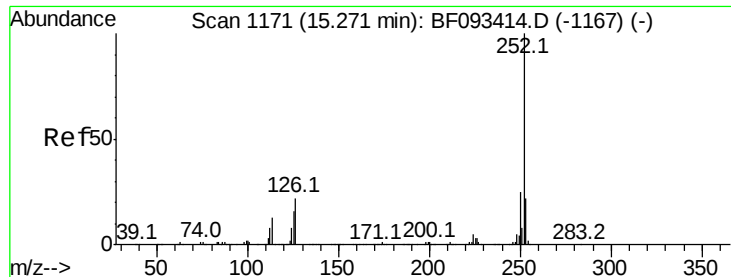


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

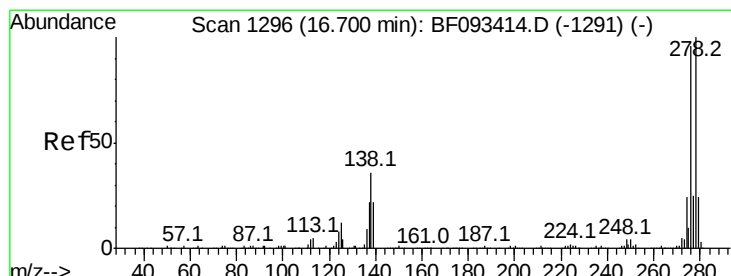
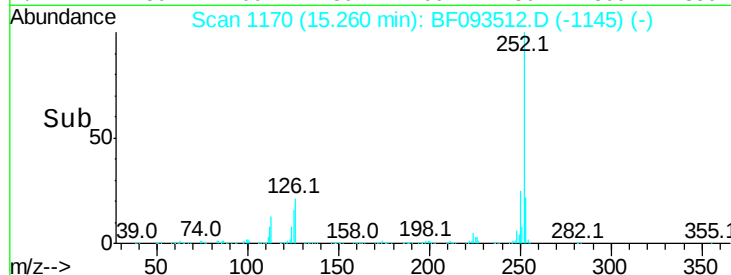
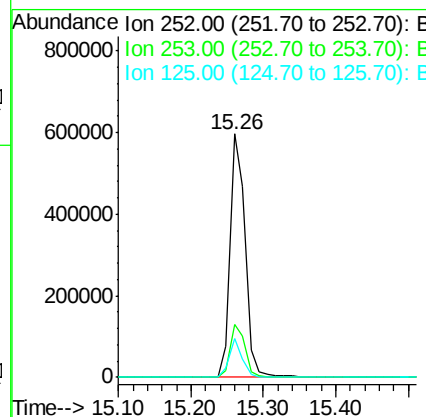
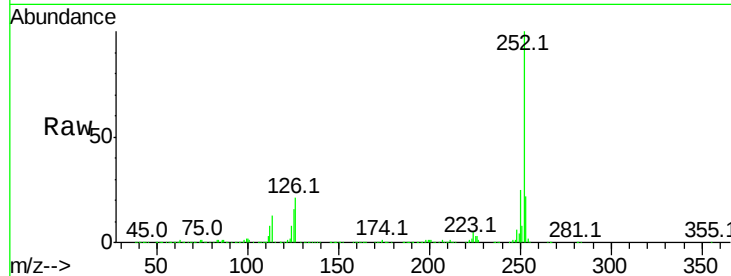




#89
Benzo(a)pyrene
Concen: 46.91 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

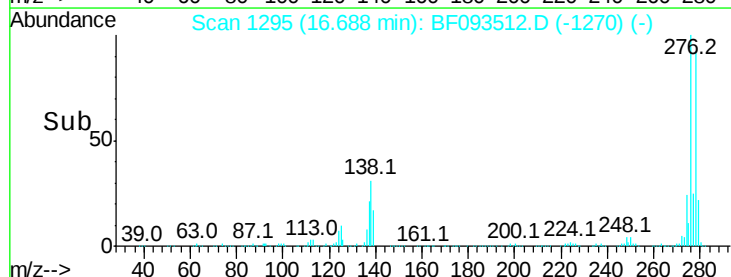
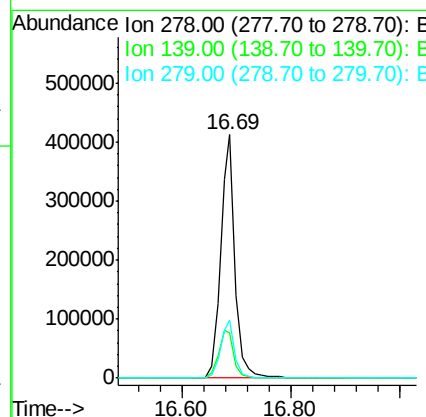
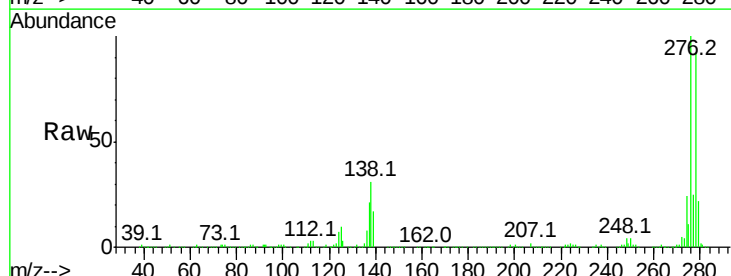
Instrument :
BNA_F
ClientSampleId :

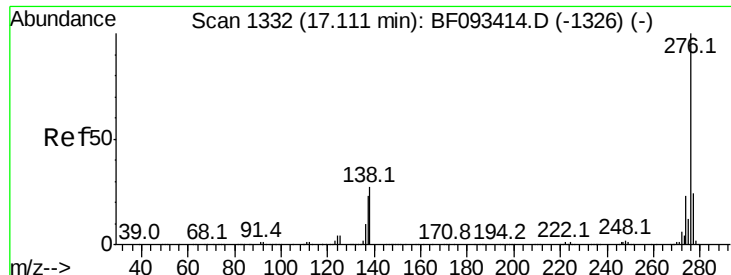
Tot Ion:252 Resp: 849930
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 16.0 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 51.03 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093512.D
Acq: 10 Mar 2017 9:06

Tgt Ion:278 Resp: 764840
Ion Ratio Lower Upper
278 100
139 18.4 14.8 22.2
279 23.6 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 49.87 ng

RT: 17.09 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF093512.D

Acq: 10 Mar 2017 9:06

Instrument :

BNA_F

ClientSampleId :

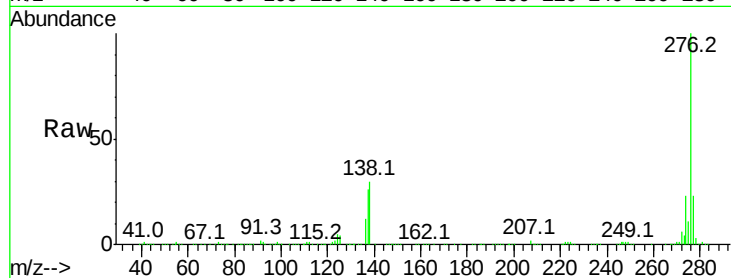
Tot Ion: 276 Resp: 767149

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 30.4 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

