

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093418.D
 Acq On : 7 Mar 2017 14:15
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Quant Time: Mar 07 15:50:24 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 15:48:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	208833	20.00	ng	-0.09
21) Naphthalene-d8	8.05	136	804775	20.00	ng	-0.10
38) Acenaphthene-d10	9.81	164	478330	20.00	ng	-0.09
63) Phenanthrene-d10	11.28	188	730318	20.00	ng	-0.10
75) Chrysene-d12	13.93	240	553409	20.00	ng	-0.09
86) Perylene-d12	15.34	264	494993	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	989924	78.89	ng	-0.10
7) Phenol-d6	6.41	99	1234465	78.02	ng	-0.07
23) Nitrobenzene-d5	7.34	82	1109877	76.52	ng	-0.09
41) 2,4,6-Tribromophenol	10.60	330	225638	72.40	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	1931697	75.12	ng	-0.09
78) Terphenyl-d14	12.87	244	1733674	81.45	ng	-0.10

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.28	88	289126	41.83	ng	# 85
3) Pyridine	2.96	79	802700	45.55	ng	# 83
4) n-Nitrosodimethylamine	2.94	42	328633	39.05	ng	# 88
6) Aniline	6.42	93	815856	37.57	ng	# 70
8) 2-Chlorophenol	6.55	128	547441	38.94	ng	# 96
9) Benzaldehyde	6.31	77	392462	40.94	ng	# 90
10) Phenol	6.44	94	734576	37.89	ng	# 90
11) bis(2-Chloroethyl)ether	6.50	93	599217	38.24	ng	# 94
12) 1,3-Dichlorobenzene	6.94	146	563304	35.01	ng	# 97
13) 1,4-Dichlorobenzene	6.78	146	641617	38.94	ng	# 98
14) 1,2-Dichlorobenzene	6.94	146	568192	38.94	ng	# 95
15) Benzyl Alcohol	6.93	79	426399	37.80	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	990357	38.04	ng	# 91
17) 2-Methylphenol	7.04	107	440532	37.05	ng	# 94
18) Hexachloroethane	7.27	117	208669	37.56	ng	# 93
19) n-Nitroso-di-n-propylamine	7.19	70	367896	33.82	ng	# 95
20) 3+4-Methylphenols	7.20	107	585324	37.95	ng	# 76
22) Acetophenone	7.19	105	754604	38.96	ng	# 96
24) Nitrobenzene	7.36	77	652721	40.04	ng	# 95
25) Isophorone	7.60	82	1137433	38.89	ng	# 97
26) 2-Nitrophenol	7.68	139	299714	40.30	ng	# 80
27) 2,4-Dimethylphenol	7.73	122	477238	39.44	ng	# 94
28) bis(2-Chloroethoxy)methane	7.81	93	677837	36.71	ng	# 99
29) 2,4-Dichlorophenol	7.92	162	459094	40.33	ng	# 88
30) 1,2,4-Trichlorobenzene	8.00	180	491882	40.64	ng	# 99
31) Naphthalene	8.07	128	1490330	36.95	ng	# 100
32) Benzoic acid	7.89	122	229898	36.57	ng	# 99
33) 4-Chloroaniline	8.14	127	651386	39.80	ng	# 94
34) Hexachlorobutadiene	8.18	225	240286	38.54	ng	# 100
35) Caprolactam	8.53	113	163420	42.04	ng	# 56
36) 4-Chloro-3-methylphenol	8.63	107	495294	40.77	ng	# 98
37) 2-Methylnaphthalene	8.77	142	1046231	40.77	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	456755	34.97	ng	# 99
40) Hexachlorocyclopentadiene	8.92	237	90578	35.42	ng	# 97

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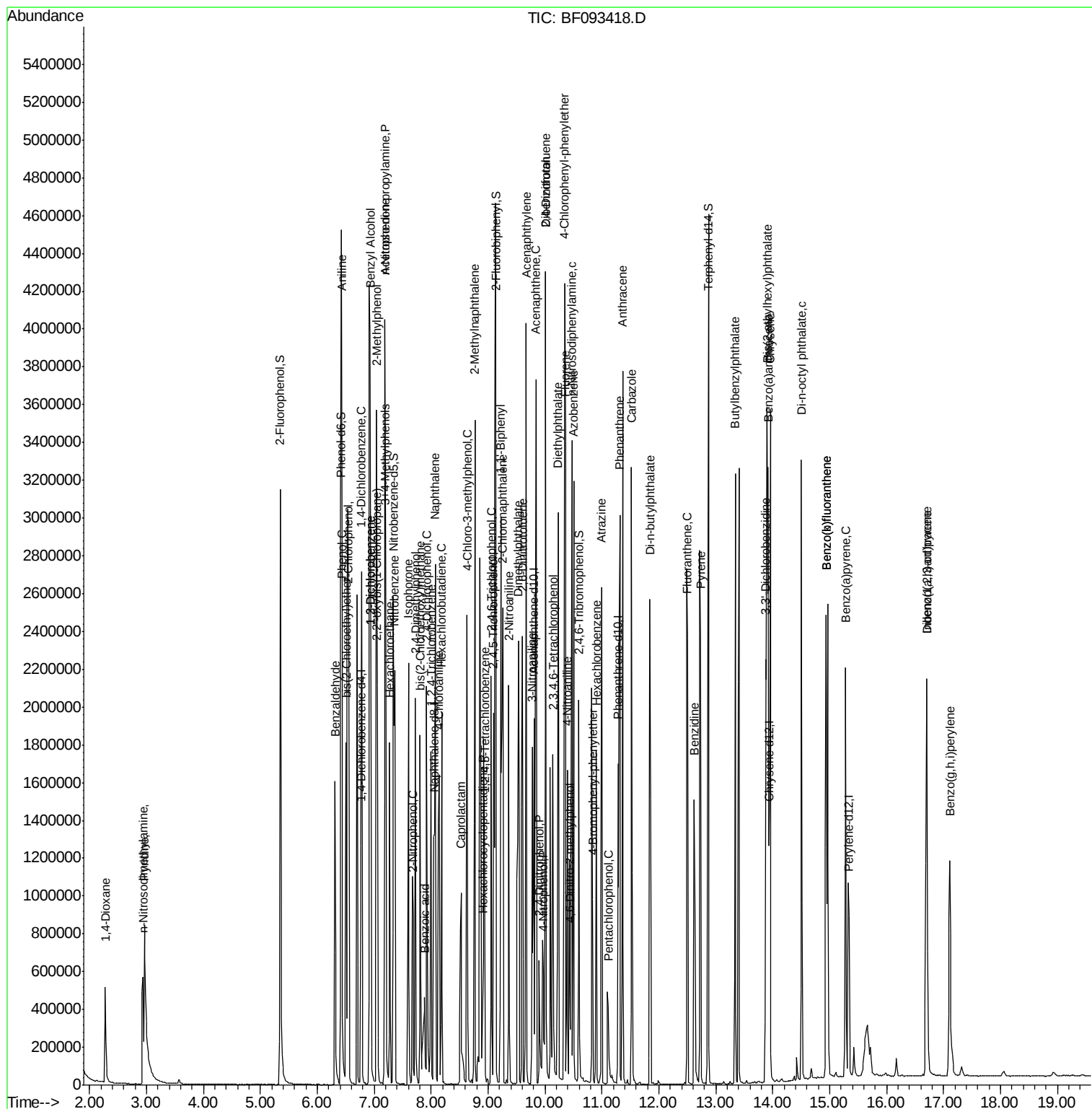
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	297744	36.49	nq	93
43) 2,4,5-Trichlorophenol	9.10	196	334649	38.22	nq	94
45) 1,1'-Biphenyl	9.22	154	1182680	33.94	nq	96
46) 2-Chloronaphthalene	9.26	162	1024028	38.39	nq	97
47) 2-Nitroaniline	9.36	65	364391	38.65	nq	97
48) Acenaphthylene	9.67	152	1648560	37.48	nq	99
49) Dimethylphthalate	9.53	163	1144998	36.11	nq	99
50) 2,6-Dinitrotoluene	9.60	165	250009	35.93	nq	# 47
51) Acenaphthene	9.84	154	982043	37.75	nq	96
52) 3-Nitroaniline	9.77	138	291267	34.84	nq	94
53) 2,4-Dinitrophenol	9.90	184	146079	46.10	nq	# 79
54) Dibenzofuran	10.01	168	1276768	39.21	nq	93
55) 4-Nitrophenol	9.97	139	159780	39.35	nq	84
56) 2,4-Dinitrotoluene	10.01	165	289807	33.90	nq	# 80
57) Fluorene	10.36	166	1089718	39.50	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	246941	39.96	nq	96
59) Diethylphthalate	10.23	149	1083605	35.75	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	498104	40.28	nq	# 84
61) 4-Nitroaniline	10.39	138	293511	34.33	nq	94
62) Azobenzene	10.50	77	1361288	39.53	nq	95
64) 4,6-Dinitro-2-methylphenol	10.44	198	191331	40.44	nq	91
65) n-Nitrosodiphenylamine	10.47	169	991589	40.66	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	295056	38.21	nq	# 77
67) Hexachlorobenzene	10.90	284	302218	40.98	nq	97
68) Atrazine	11.00	200	277545	38.89	nq	99
69) Pentachlorophenol	11.11	266	101614	39.91	nq	98
70) Phenanthrene	11.32	178	1614409	38.73	nq	98
71) Anthracene	11.36	178	1467948	34.81	nq	99
72) Carbazole	11.52	167	1433448	36.19	nq	100
73) Di-n-butylphthalate	11.84	149	1670237	36.44	nq	99
74) Fluoranthene	12.51	202	1585156	39.37	nq	92
76) Benzidine	12.62	184	710204	39.03	nq	96
77) Pyrene	12.73	202	1624077	40.35	nq	99
79) Butylbenzylphthalate	13.34	149	709111	41.85	nq	97
80) Benzo(a)anthracene	13.92	228	1342120	41.07	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	444797	38.86	nq	98
82) Chrysene	13.96	228	1340144	44.32	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	1012845	42.89	nq	# 97
84) Di-n-octyl phthalate	14.51	149	1611548	40.94	nq	97
85) Indeno(1,2,3-cd)pyrene	16.71	276	994208	39.28	nq	# 94
87) Benzo(b)fluoranthene	14.94	252	2221945	73.70	nq	99
88) Benzo(k)fluoranthene	14.94	252	2221945	76.43	nq	98
89) Benzo(a)pyrene	15.28	252	1054948	38.29	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	853608	37.45	nq	98
91) Benzo(g,h,i)perylene	17.11	276	888302	37.97	nq	# 89

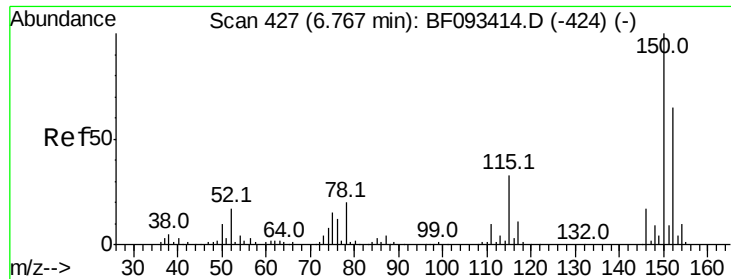
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

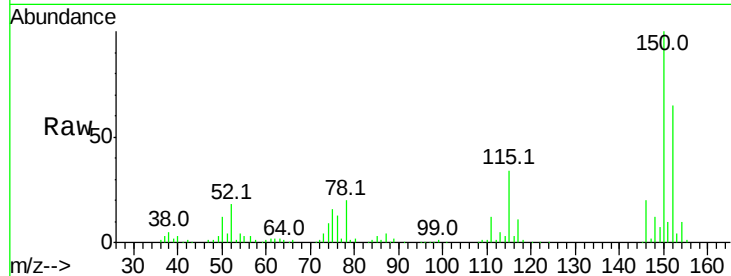
Tot Ion:152 Resp: 208833

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

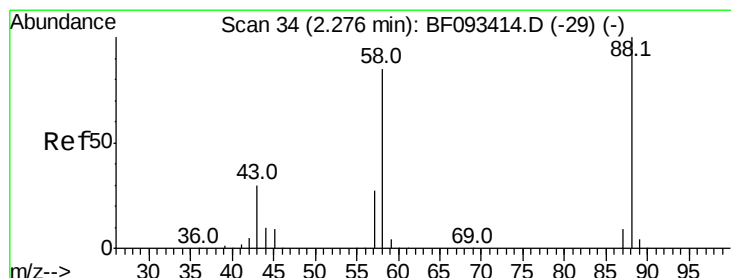
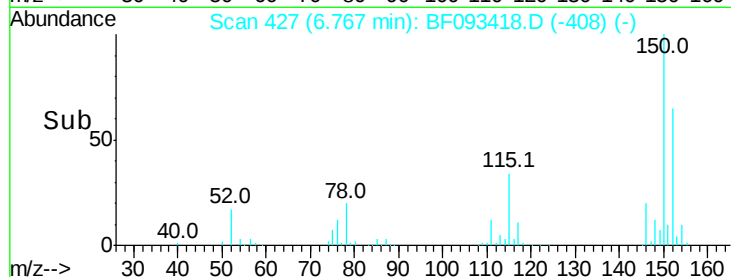
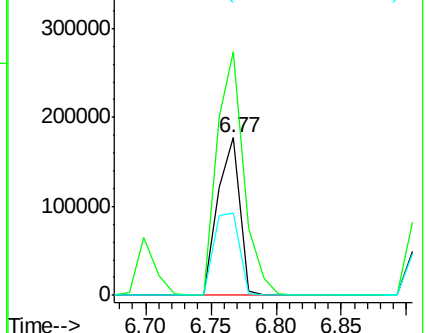
115 52.5 46.0 69.0



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: 41.83 ng

RT: 2.28 min Scan# 34

Delta R.T. -0.15 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

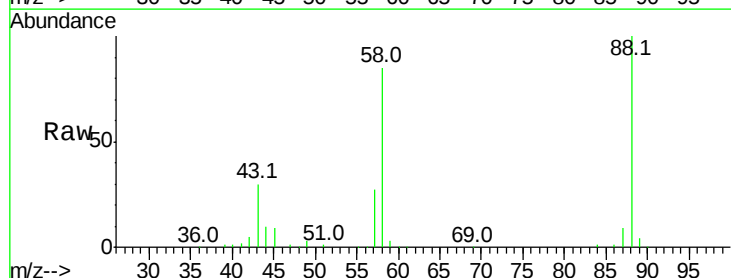
Tgt Ion: 88 Resp: 289126

Ion Ratio Lower Upper

88 100

58 87.3 57.8 86.8#

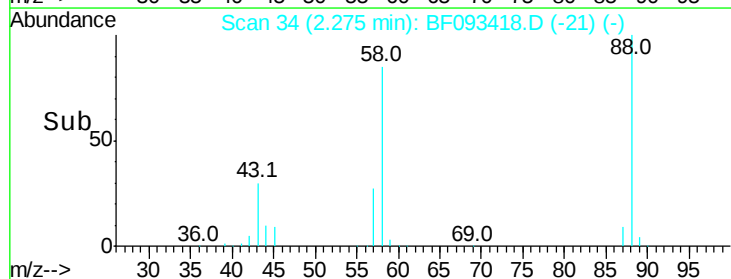
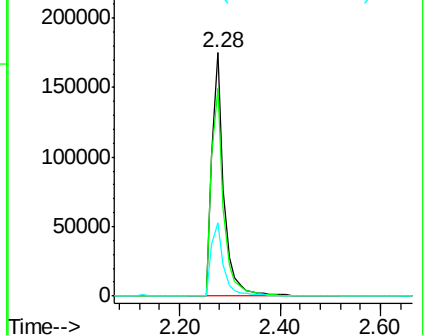
43 32.5 22.3 33.5

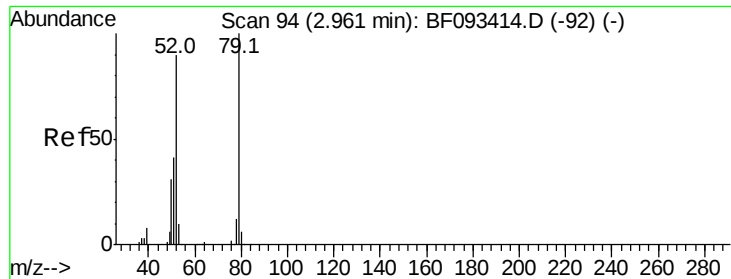


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

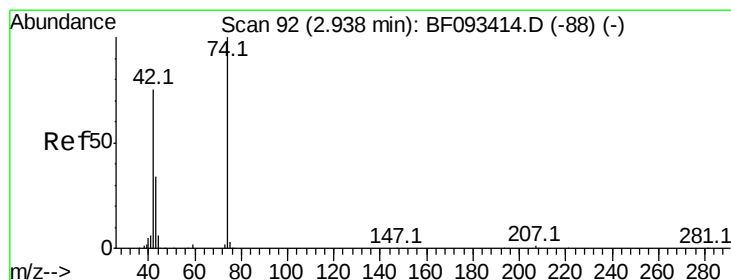
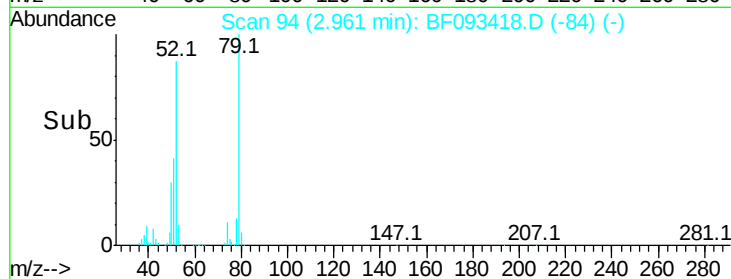
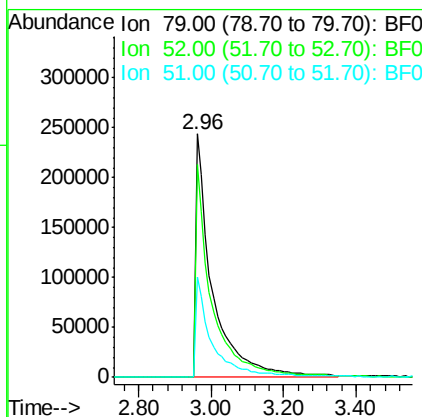
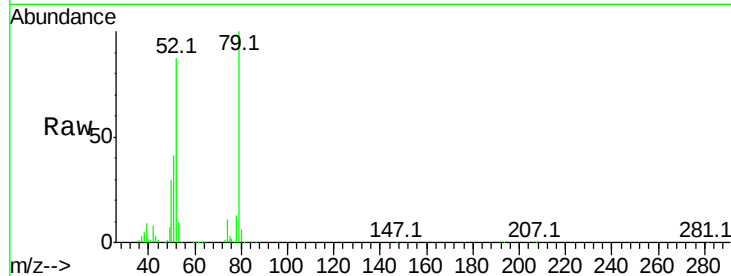




#3
 Pvridine
 Concen: 45.55 ng
 RT: 2.96 min Scan# 94
 Delta R.T. -0.19 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

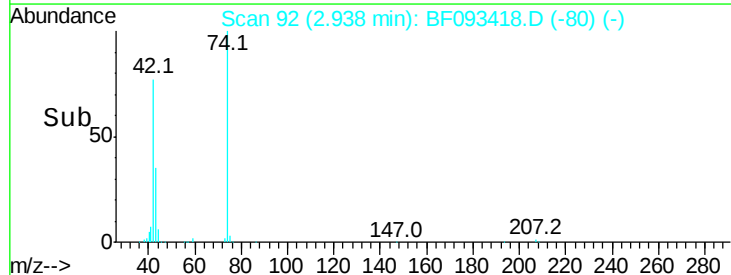
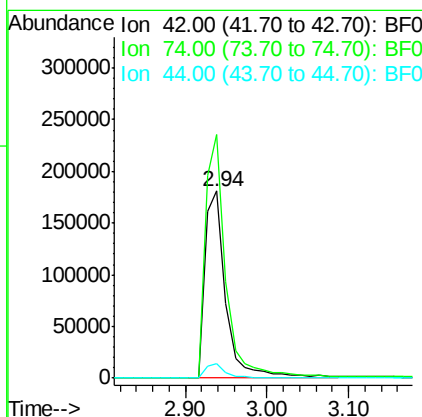
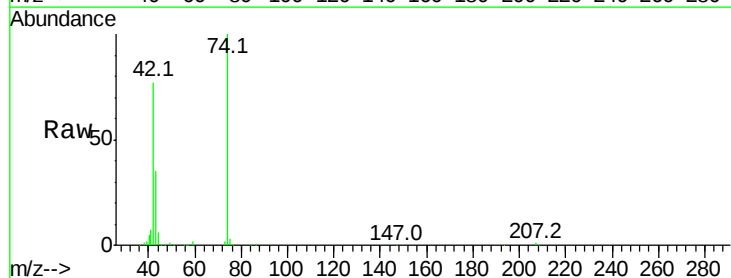
Instrument :
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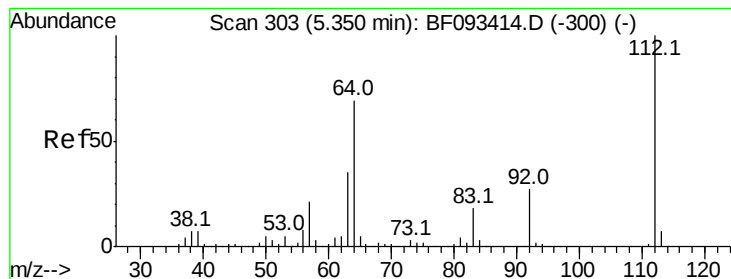
Tot Ion: 79 Resp: 802700
 Ion Ratio Lower Upper
 79 100
 52 87.2 57.1 85.7#
 51 41.1 27.3 40.9#



#4
 n-Nitrosodimethylamine
 Concen: 39.05 ng
 RT: 2.94 min Scan# 92
 Delta R.T. -0.17 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion: 42 Resp: 328633
 Ion Ratio Lower Upper
 42 100
 74 130.3 117.0 175.4
 44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 78.89 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.10 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

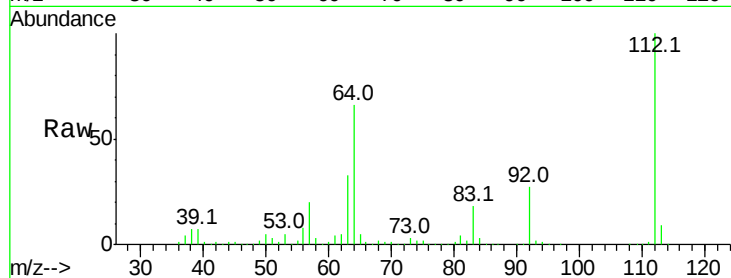
Tot Ion:112 Resp: 989924

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

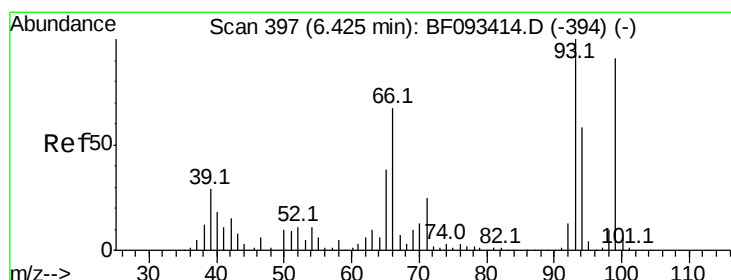
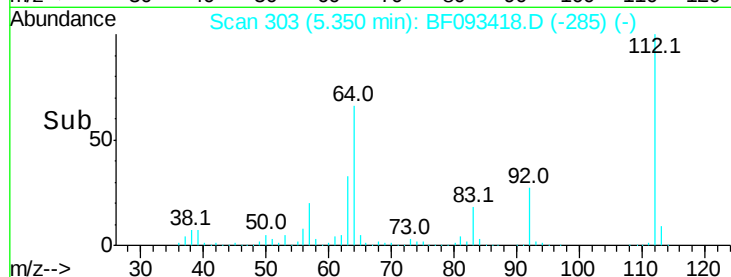
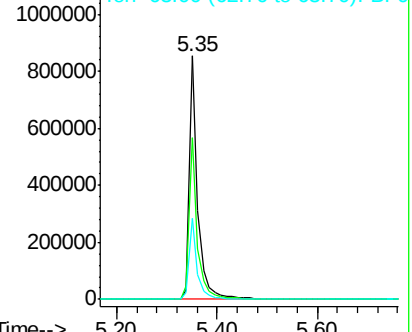
63 33.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.57 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

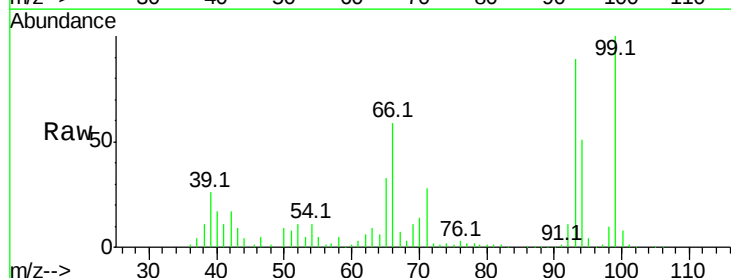
Tgt Ion: 93 Resp: 815856

Ion Ratio Lower Upper

93 100

66 66.8 76.2 114.2#

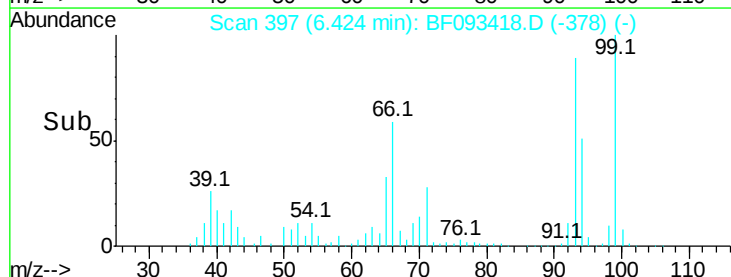
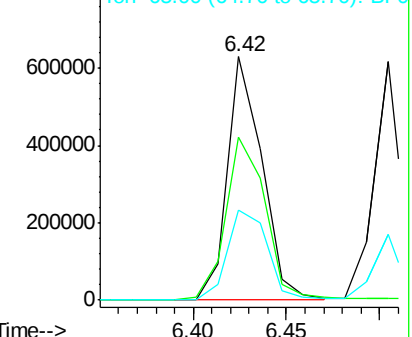
65 37.2 49.3 73.9#

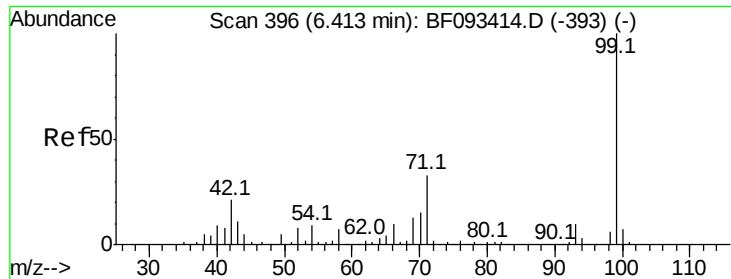


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.02 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.07 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

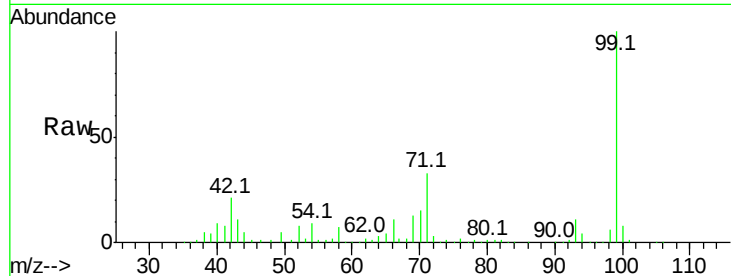
BNA_F

ClientSampleId :

ICVBF030717

Tot Ion: 99 Resp: 1234465

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.6	23.4
71	32.7	27.5	41.3

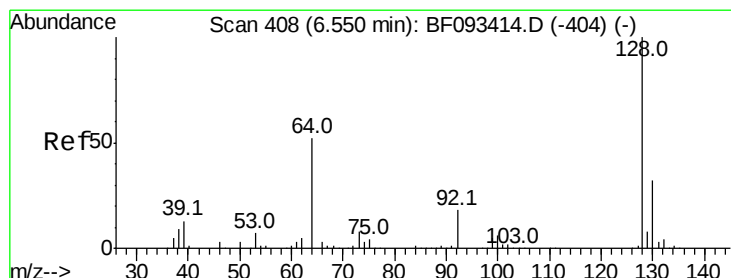
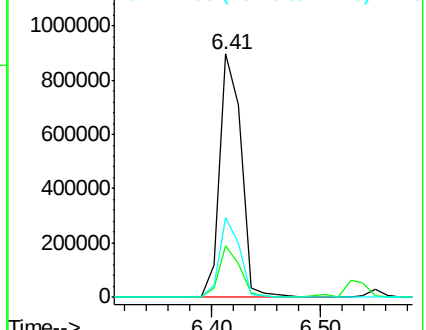
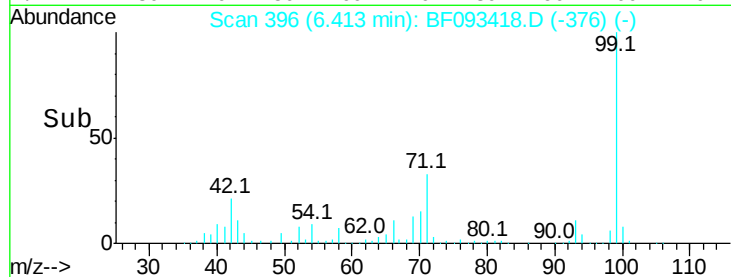


Abundance

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: 38.94 ng

RT: 6.55 min Scan# 408

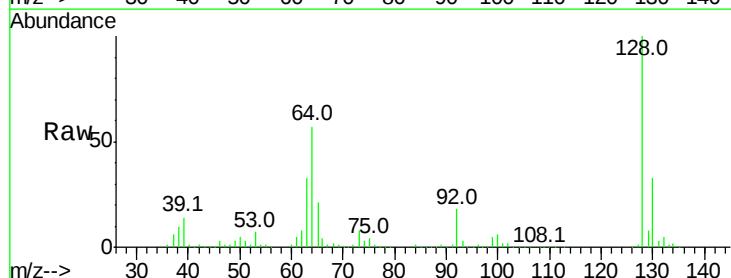
Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Tgt Ion: 128 Resp: 547441

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	56.7	32.2	72.2

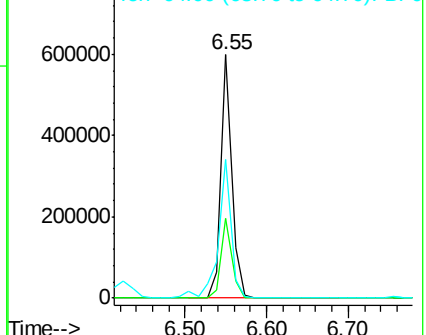
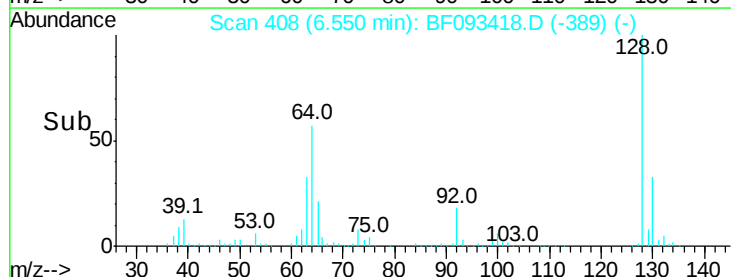


Abundance

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: 40.94 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.08 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

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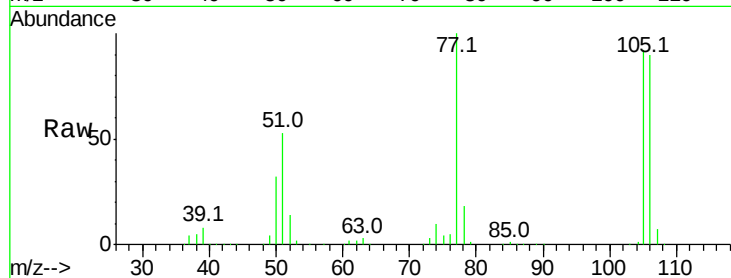
Tot Ion: 77 Resp: 392462

Ion Ratio Lower Upper

77 100

105 92.5 83.9 123.9

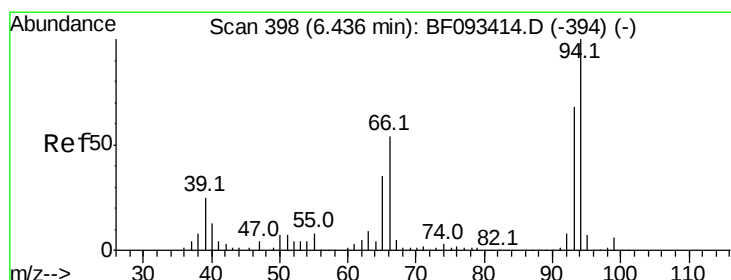
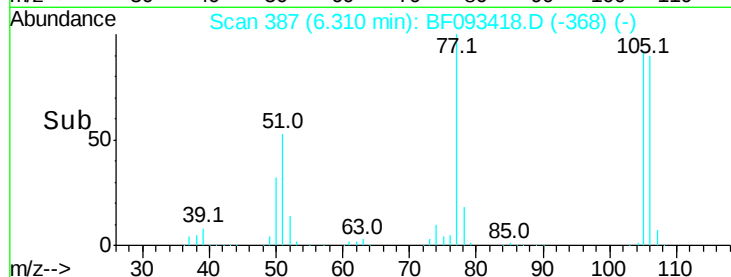
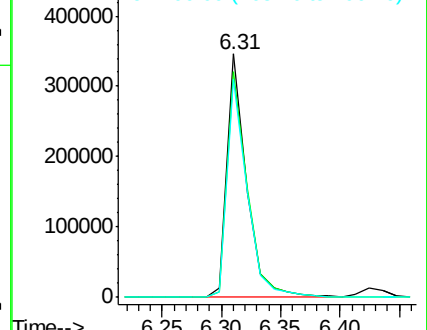
106 89.5 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.89 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

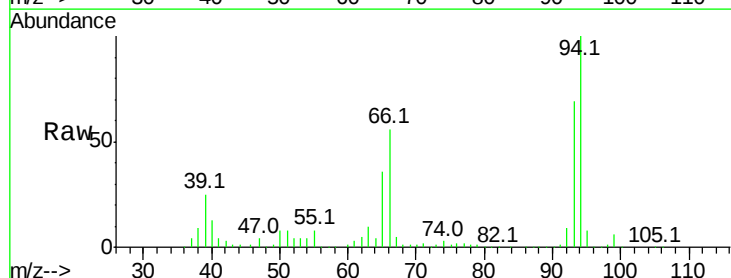
Tgt Ion: 94 Resp: 734576

Ion Ratio Lower Upper

94 100

65 35.6 21.4 61.4

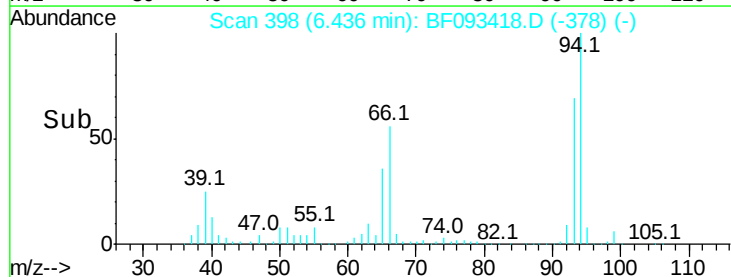
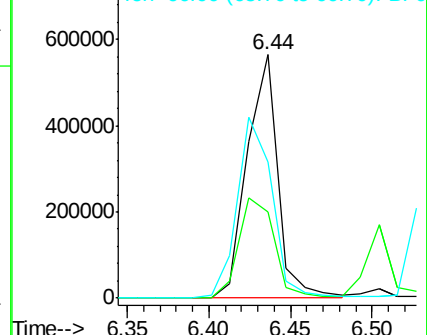
66 55.7 44.0 84.0



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

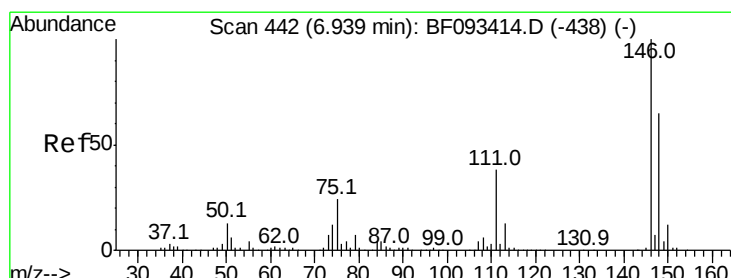
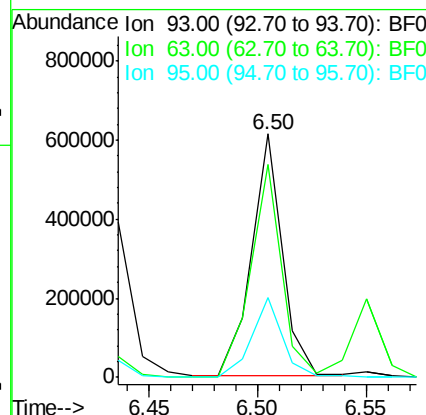
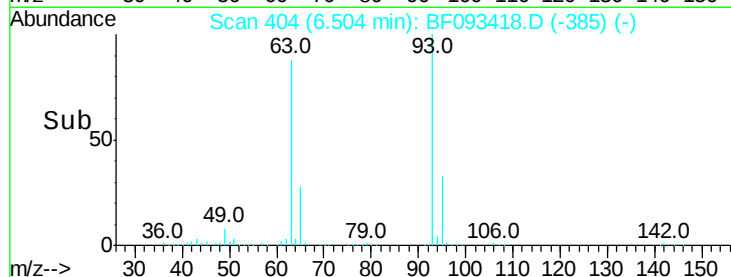
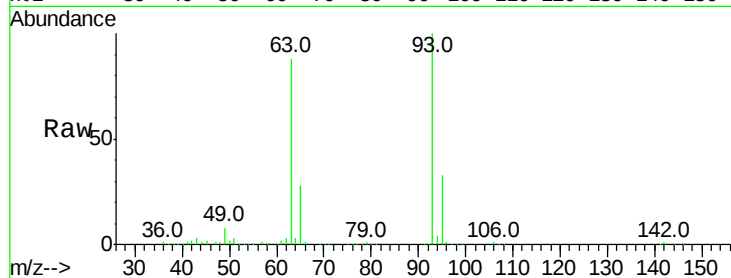




#11
bis(2-Chloroethyl)ether
Concen: 38.24 ng
RT: 6.50 min Scan# 404
Delta R.T. -0.09 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

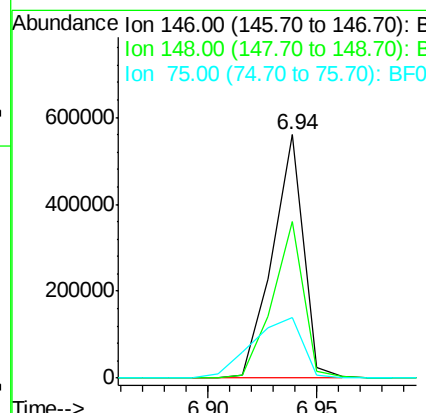
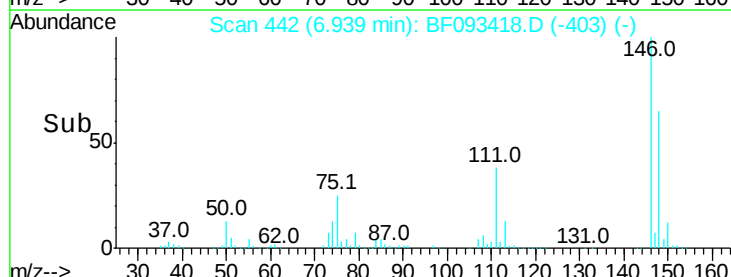
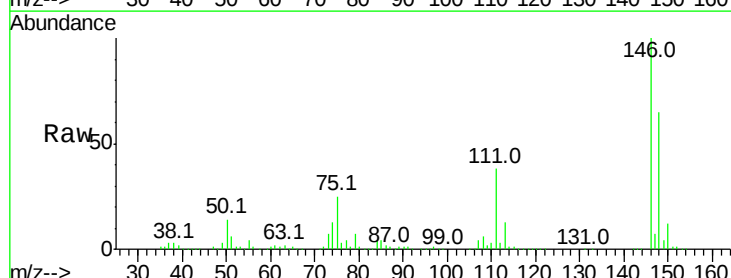
Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion: 93 Resp: 599217
Ion Ratio Lower Upper
93 100
63 87.6 60.4 100.4
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.01 ng
RT: 6.94 min Scan# 442
Delta R.T. 0.14 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion: 146 Resp: 563304
Ion Ratio Lower Upper
146 100
148 64.5 53.4 80.0
75 24.6 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 38.94 ng

RT: 6.78 min Scan# 428

Delta R.T. -0.10 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

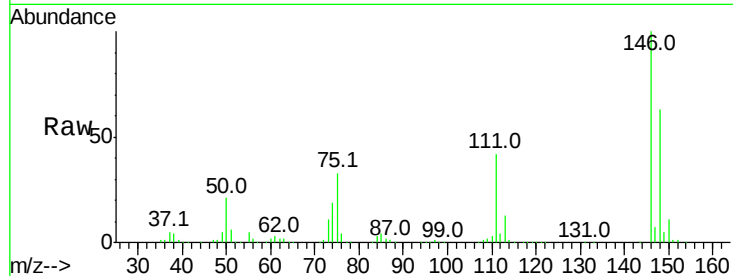
Tot Ion:146 Resp: 641617

Ion Ratio Lower Upper

146 100

148 62.9 50.6 76.0

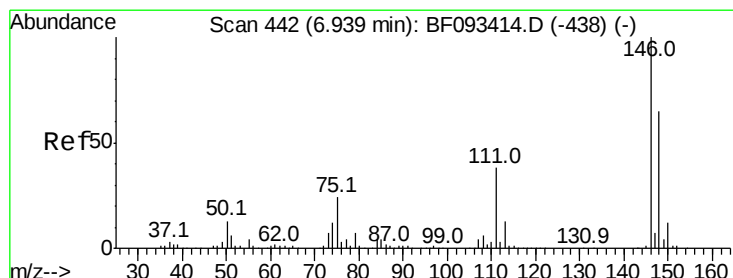
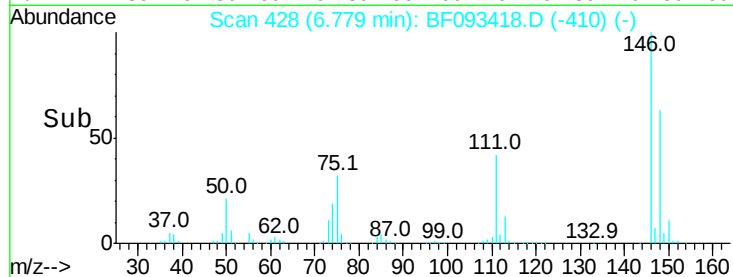
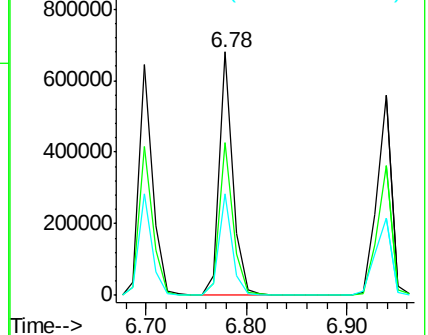
111 41.8 36.2 54.4



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: 38.94 ng

RT: 6.94 min Scan# 442

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

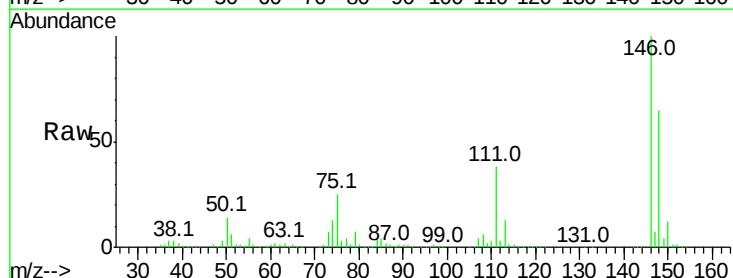
Tgt Ion:146 Resp: 568192

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

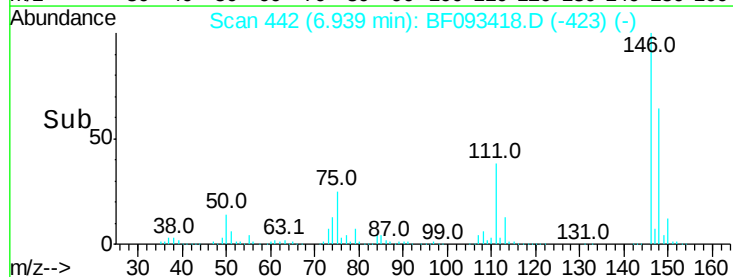
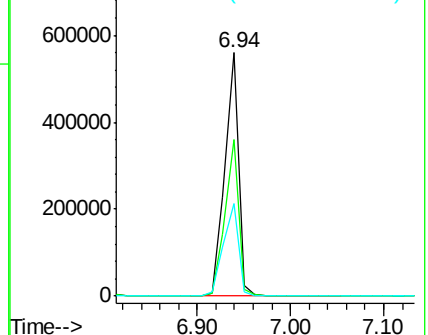
111 38.2 36.2 54.2

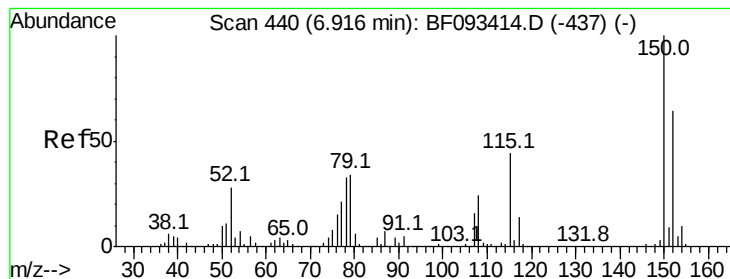


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.80 ng

RT: 6.93 min Scan# 441

Delta R.T. -0.07 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

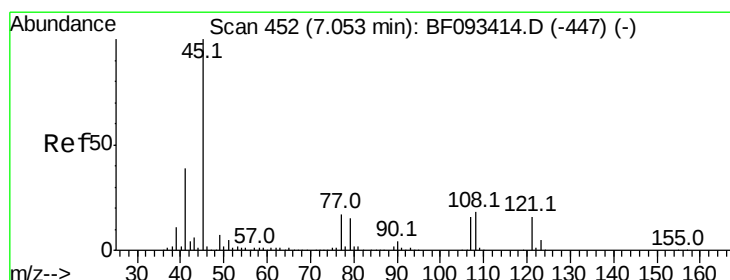
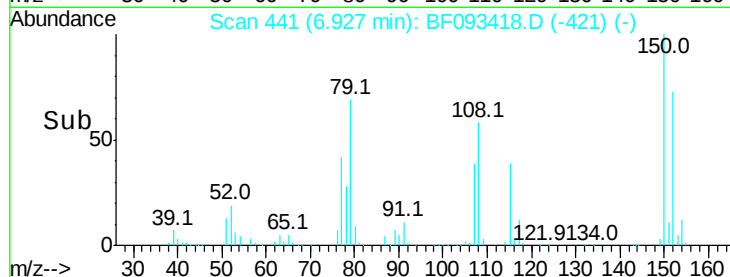
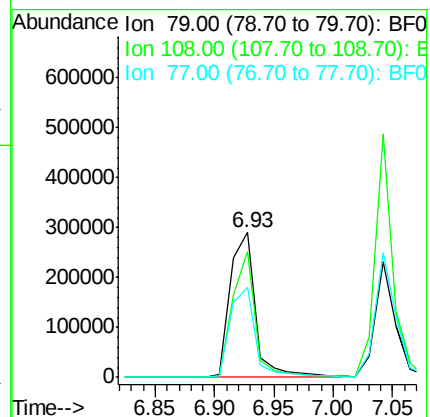
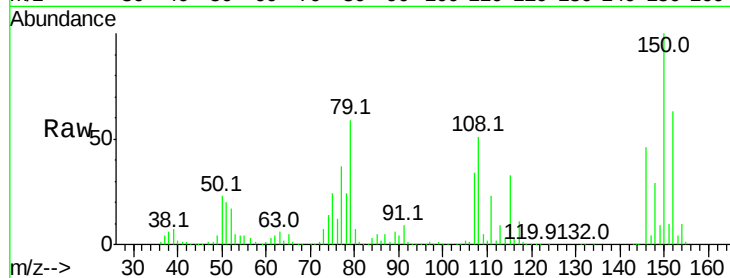
Tot Ion: 79 Resp: 426399

Ion Ratio Lower Upper

79 100

108 86.5 61.4 92.0

77 61.9 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.04 ng

RT: 7.05 min Scan# 452

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

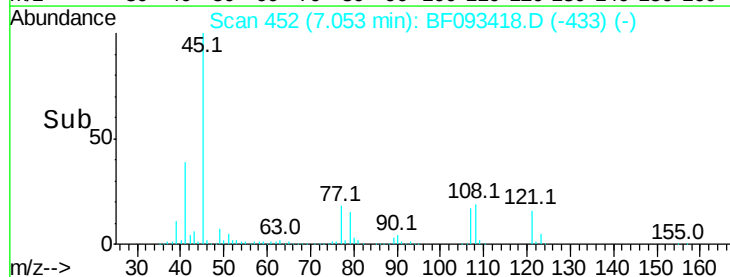
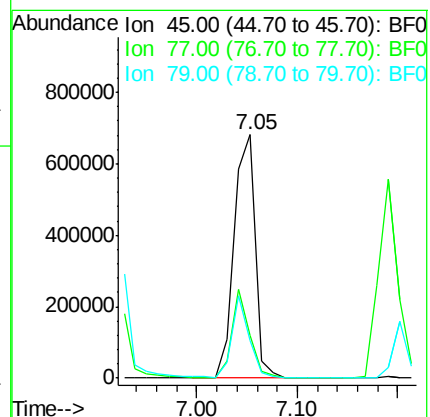
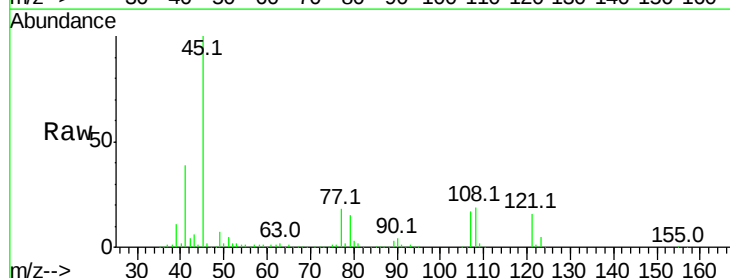
Tgt Ion: 45 Resp: 990357

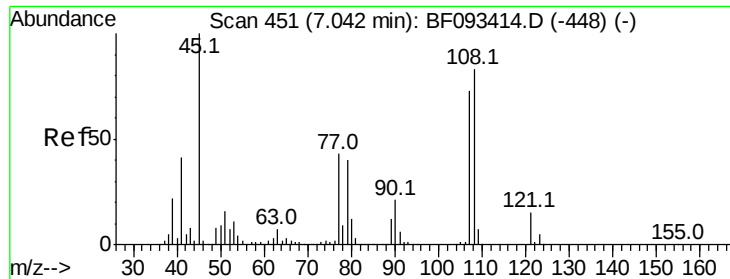
Ion Ratio Lower Upper

45 100

77 17.7 0.0 34.6

79 15.2 0.0 31.2

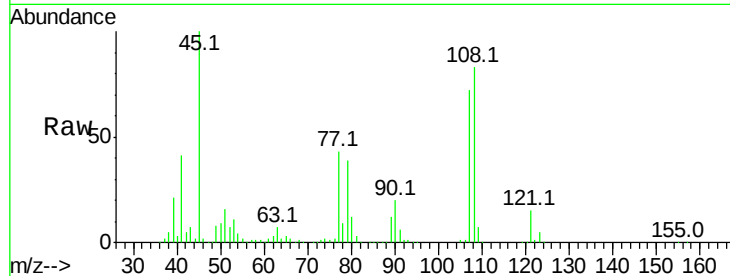




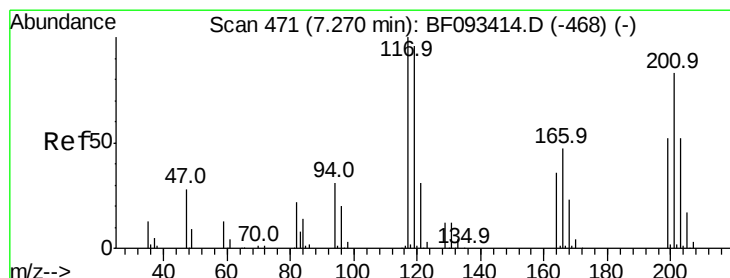
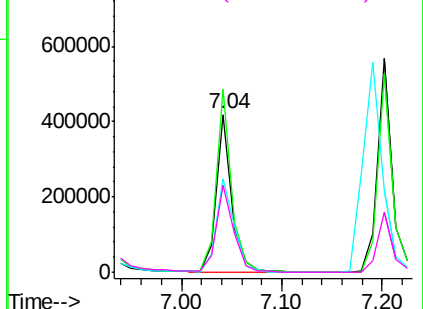
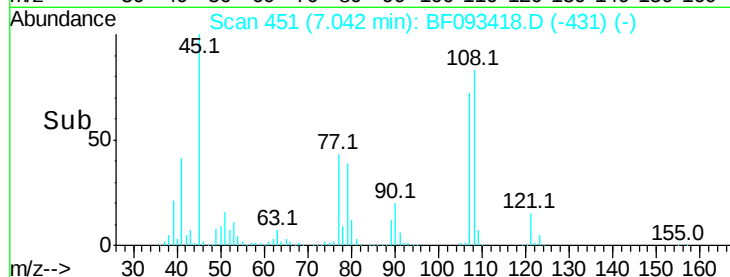
#17
2-Methylphenol
Concen: 37.05 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.07 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion:	107	Resp:	440532
Ion	Ratio	Lower	Upper
107	100		
108	116.5	93.0	139.6
77	59.7	39.8	59.8
79	55.1	38.0	57.0

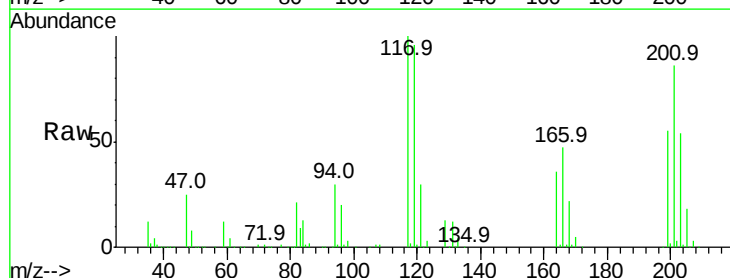


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

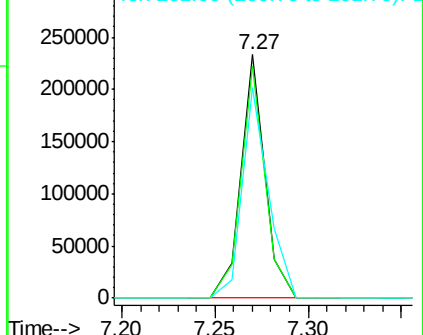
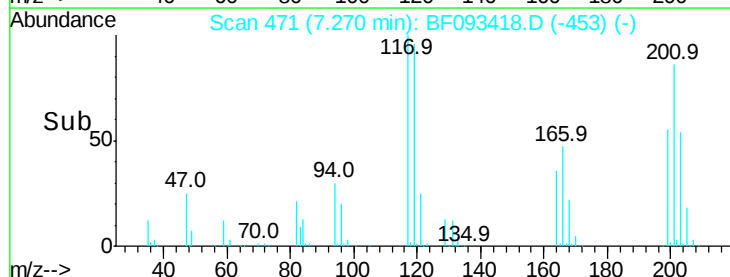


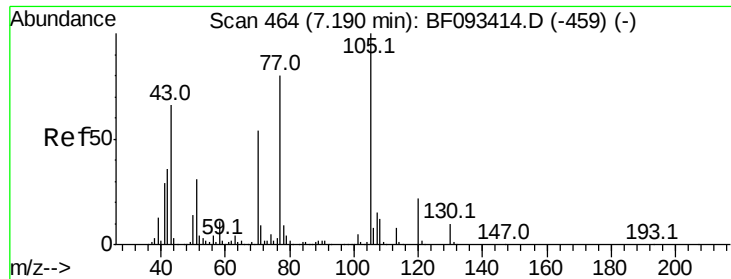
#18
Hexachloroethane
Concen: 37.56 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.10 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion:	117	Resp:	208669
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.1	117.1
201	86.1	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

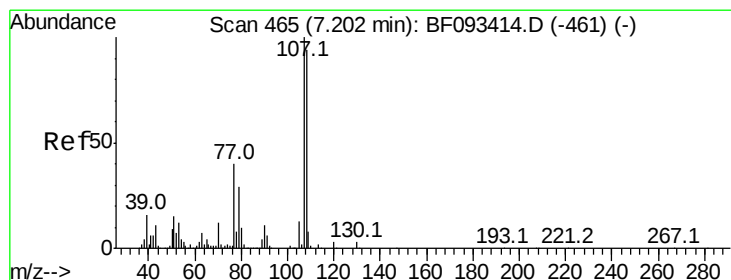
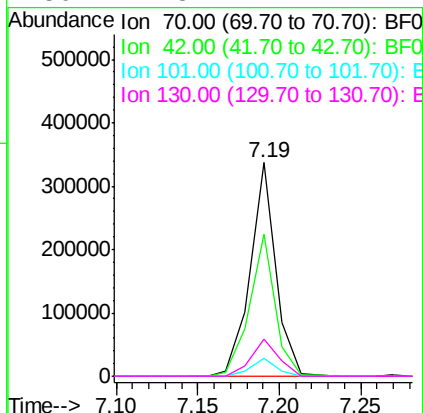
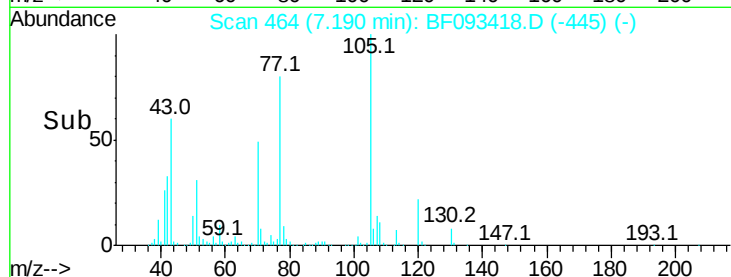
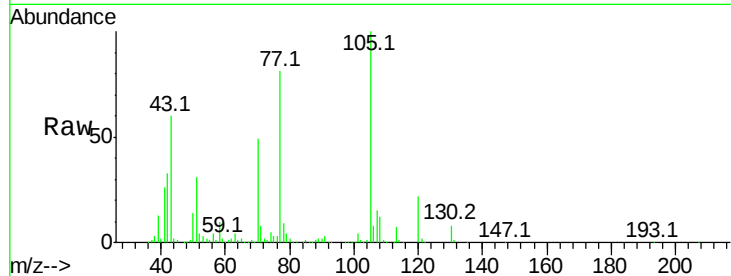




#19
n-Nitroso-di-n-propylamine
Concen: 33.82 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.09 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

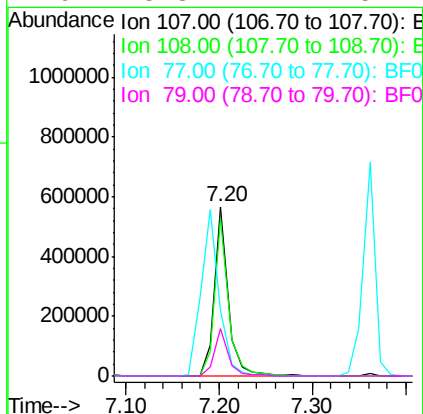
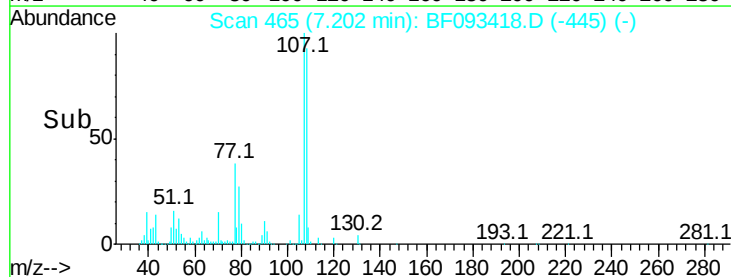
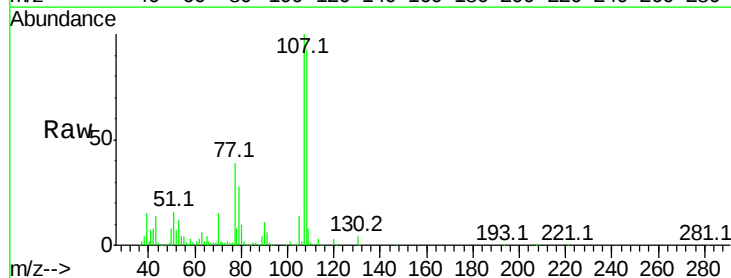
Instrument :
BNA_F
ClientSampleId :
ICVBF030717

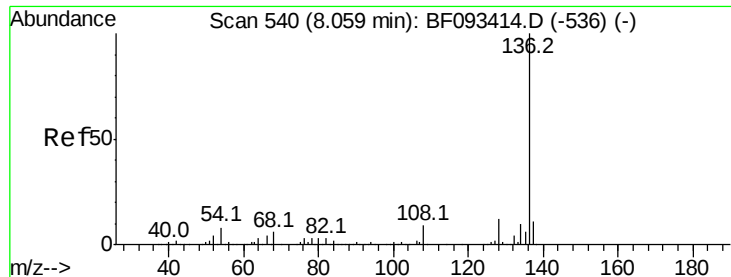
Tot Ion: 70 Resp: 367896
Ion Ratio Lower Upper
70 100
42 66.8 49.4 74.0
101 8.7 7.4 11.2
130 17.3 14.2 21.4



#20
3+4-Methylphenols
Concen: 37.95 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion:107 Resp: 585324
Ion Ratio Lower Upper
107 100
108 93.0 73.0 113.0
77 38.7 71.3 111.3#
79 28.3 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.10 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

Tot Ion:136 Resp: 804775

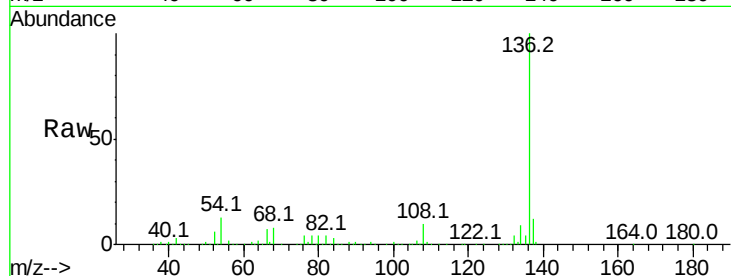
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 12.6 4.5 6.7#

68 8.5 3.6 5.4#

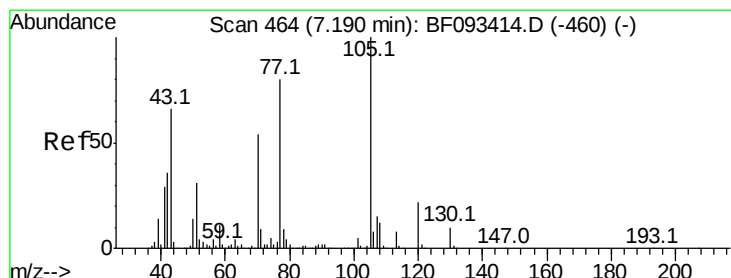
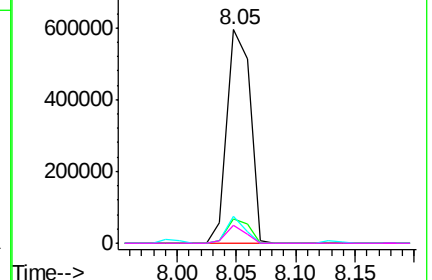
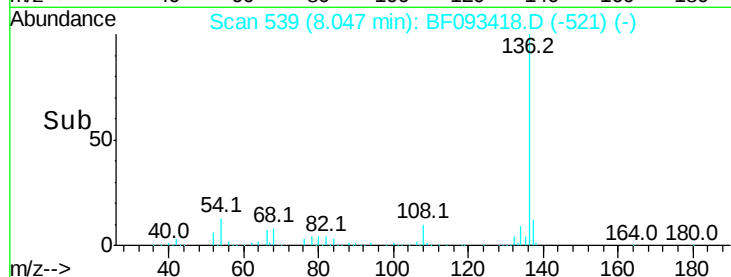


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.96 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.07 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Tgt Ion:105 Resp: 754604

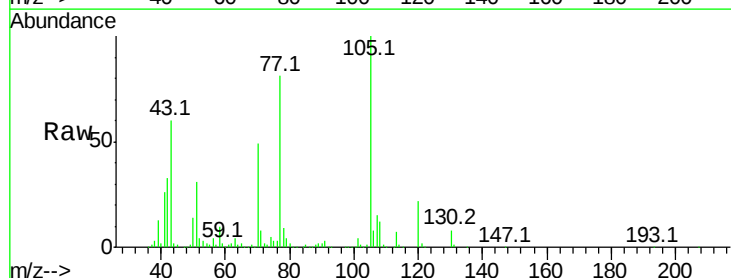
Ion Ratio Lower Upper

105 100

71 8.3 3.2 4.8#

51 31.2 26.2 39.4

120 21.9 16.6 24.8

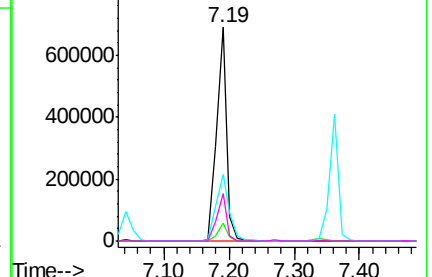
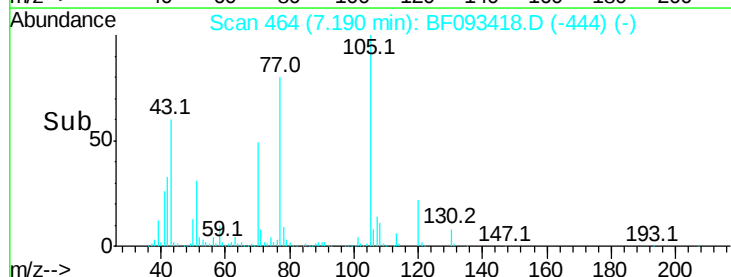


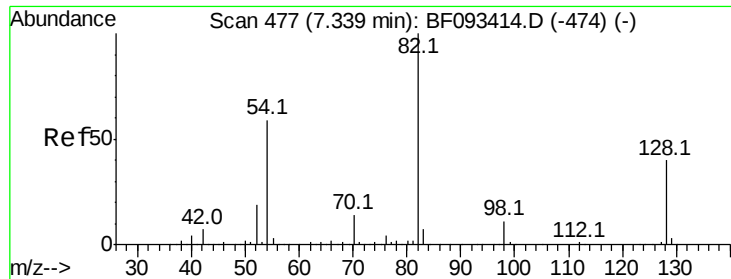
Abundance Ion 105.00 (104.70 to 105.70): E

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

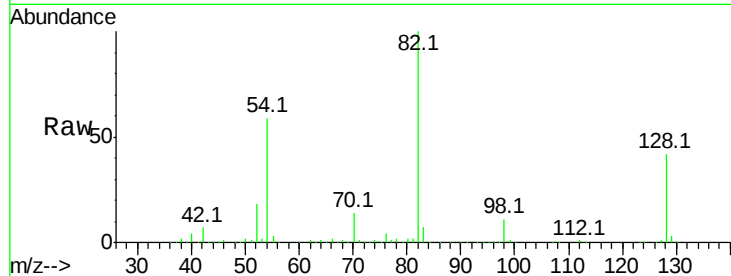




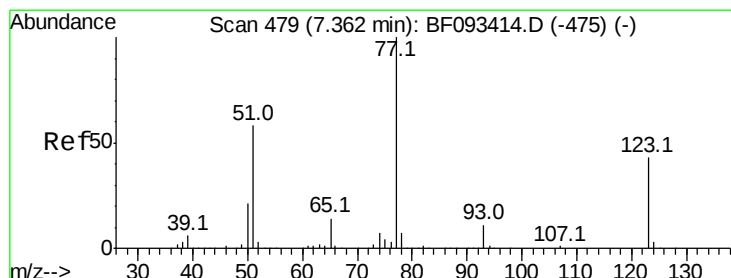
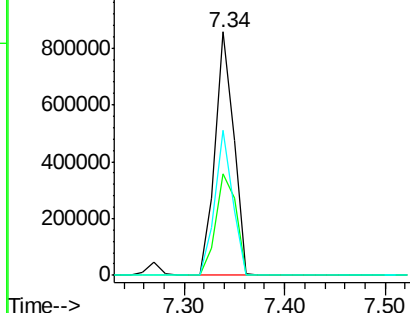
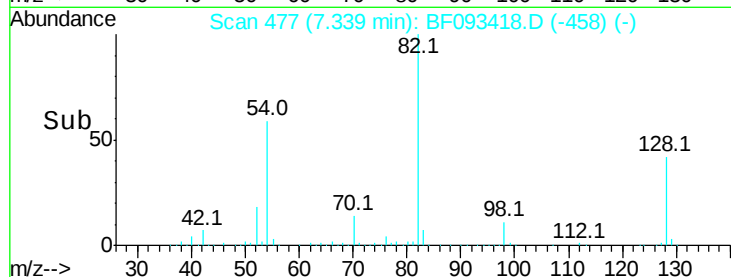
#23
Nitrobenzene-d5
Concen: 76.52 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.09 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion: 82 Resp: 1109877
Ion Ratio Lower Upper
82 100
128 41.8 34.6 52.0
54 59.5 39.5 59.3#

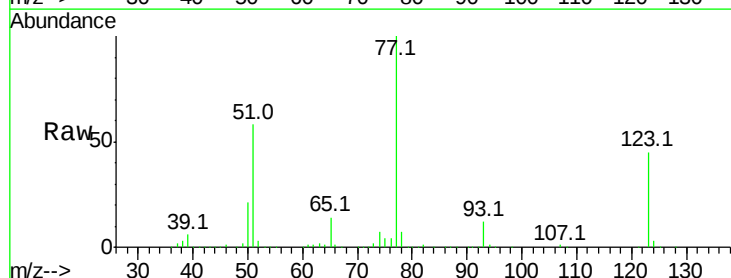


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

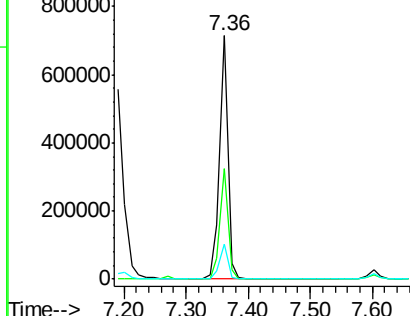
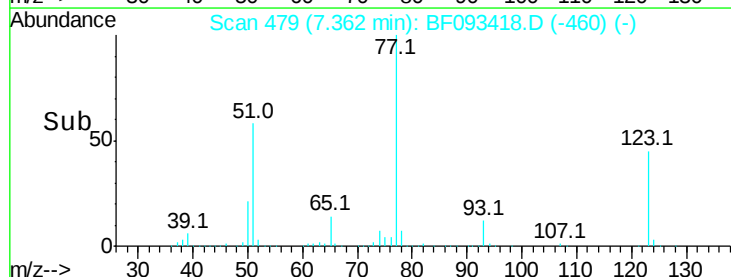


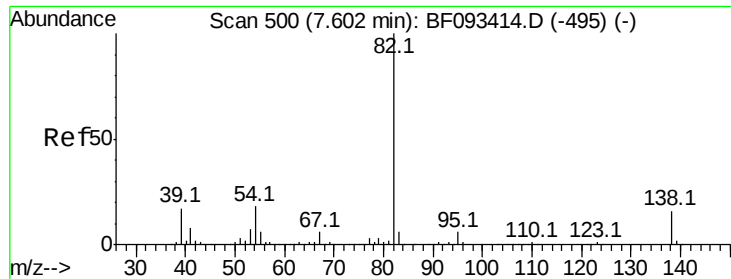
#24
Nitrobenzene
Concen: 40.04 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.09 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion: 77 Resp: 652721
Ion Ratio Lower Upper
77 100
123 45.3 33.0 49.4
65 14.1 11.2 16.8



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





#25

Isophorone

Concen: 38.89 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

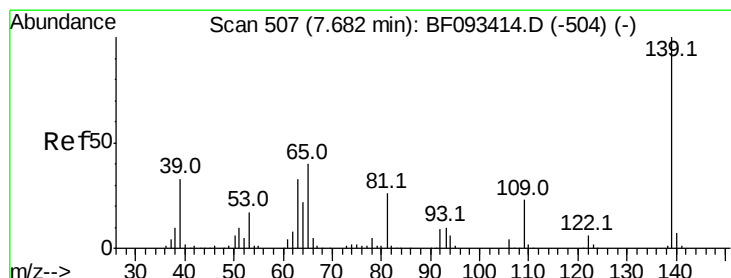
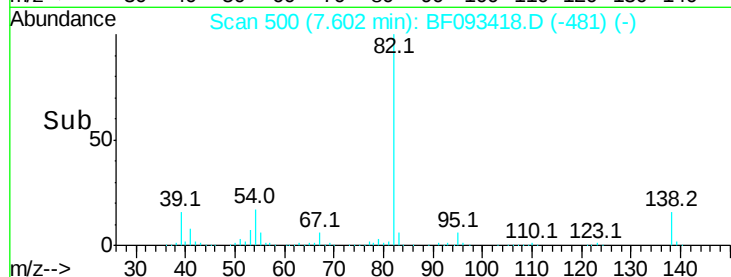
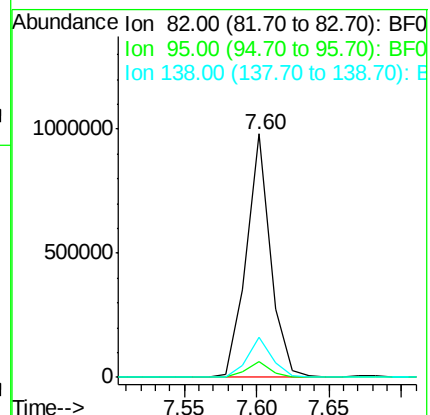
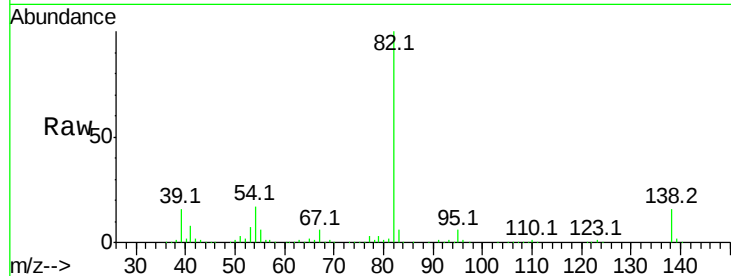
Tot Ion: 82 Resp: 1137433

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 16.5 14.6 22.0



#26

2-Nitrophenol

Concen: 40.30 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.07 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

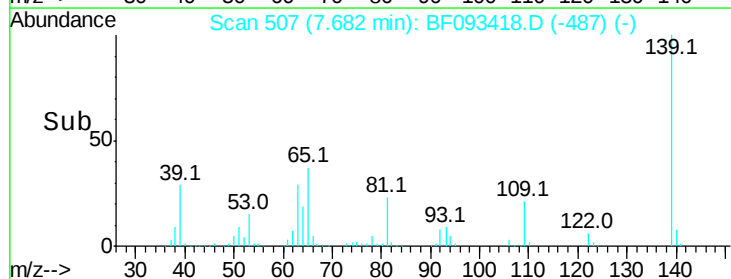
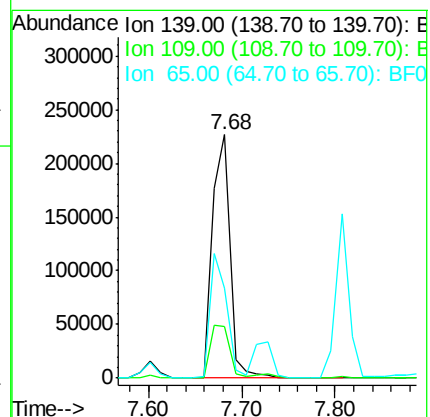
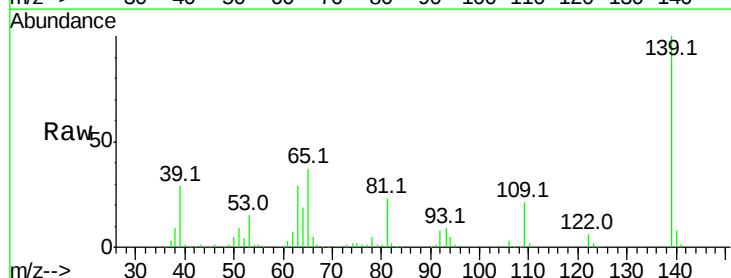
Tgt Ion:139 Resp: 299714

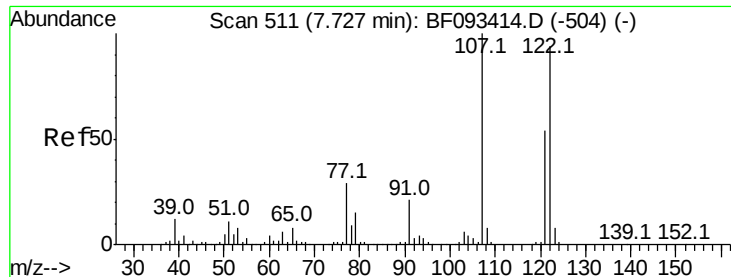
Ion Ratio Lower Upper

139 100

109 21.4 23.3 34.9#

65 37.0 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 39.44 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.07 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

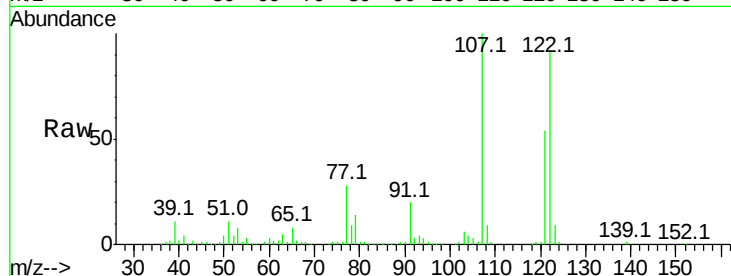
Tot Ion:122 Resp: 477238

Ion Ratio Lower Upper

122 100

107 108.6 94.1 141.1

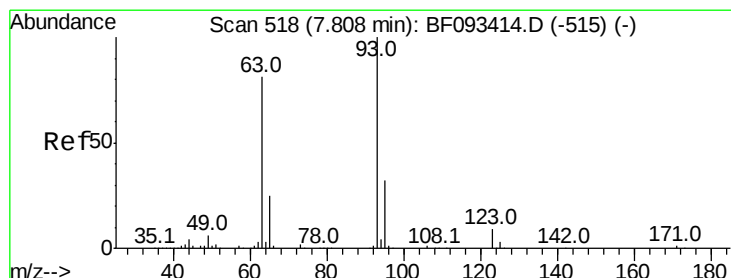
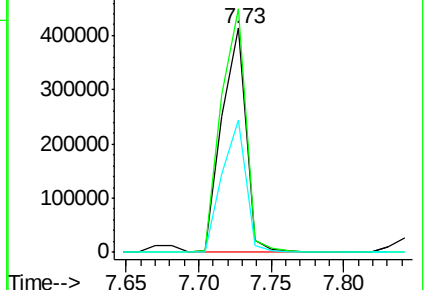
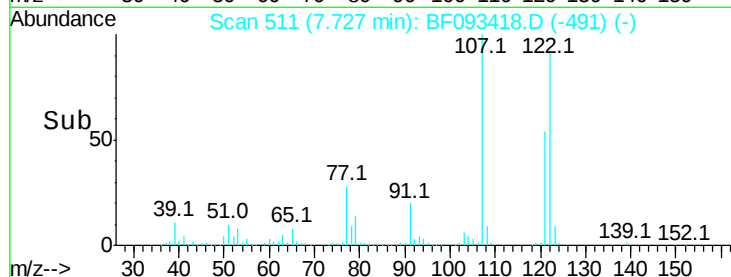
121 58.8 46.0 69.0



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: 36.71 ng

RT: 7.81 min Scan# 518

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

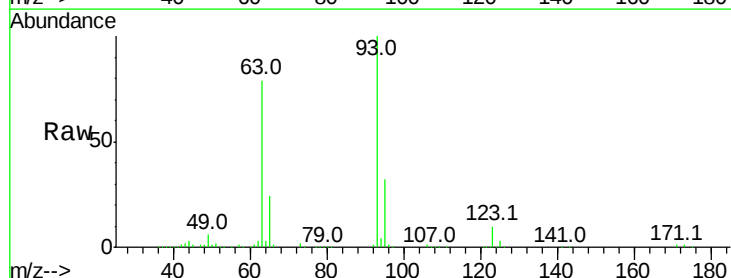
Tgt Ion: 93 Resp: 677837

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

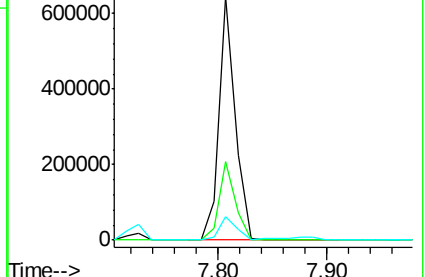
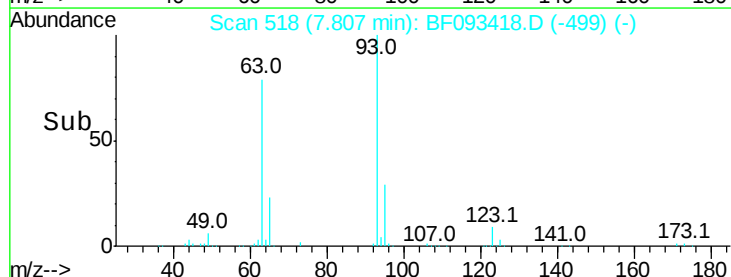
123 9.8 8.6 13.0

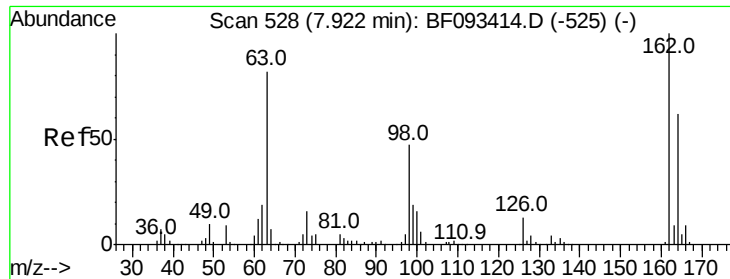


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

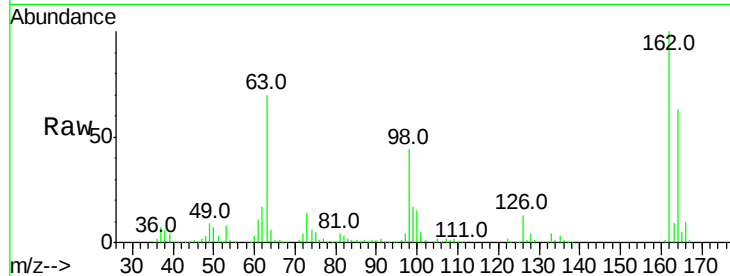




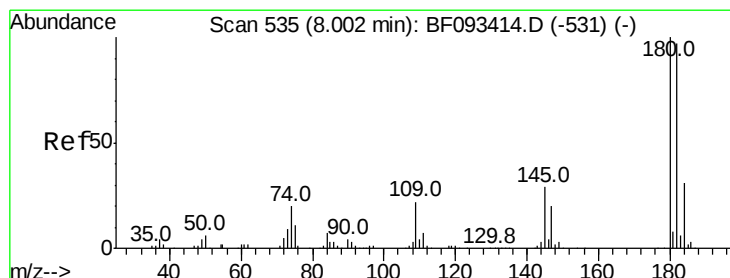
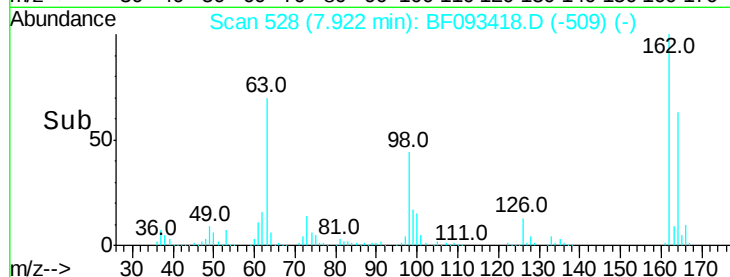
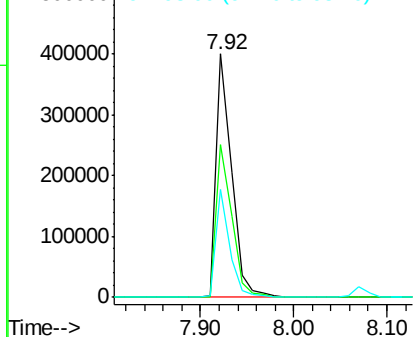
#29
 2,4-Dichlorophenol
 Concen: 40.33 ng
 RT: 7.92 min Scan# 528
 Delta R.T. -0.09 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion:162 Resp: 459094
 Ion Ratio Lower Upper
 162 100
 164 62.9 46.8 86.8
 98 44.4 9.1 49.1

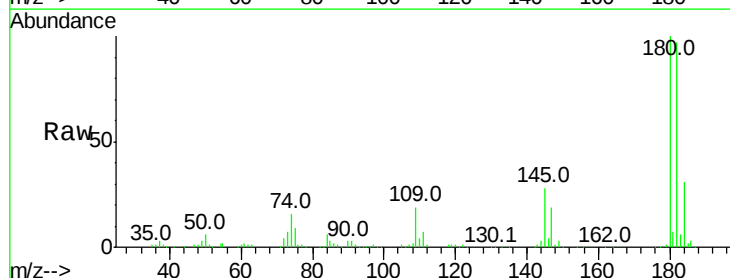


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

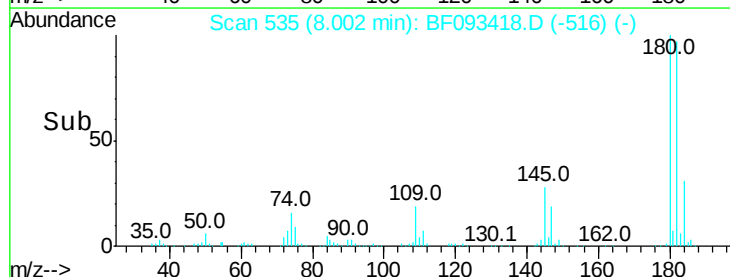
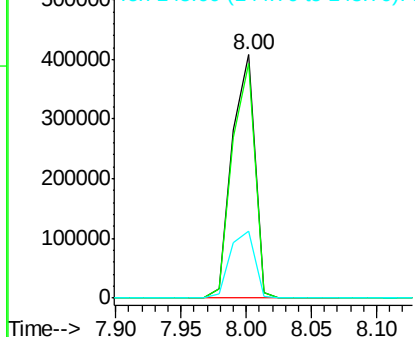


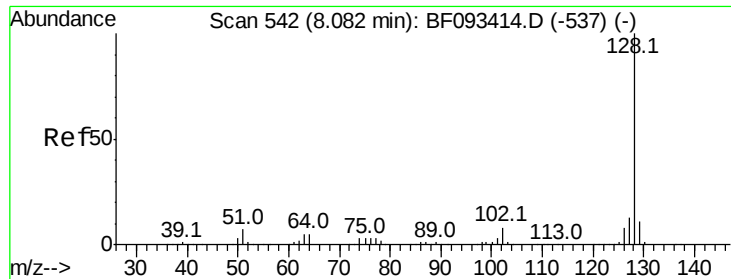
#30
 1,2,4-Trichlorobenzene
 Concen: 40.64 ng
 RT: 8.00 min Scan# 535
 Delta R.T. -0.09 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion:180 Resp: 491882
 Ion Ratio Lower Upper
 180 100
 182 96.6 78.2 117.4
 145 27.6 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

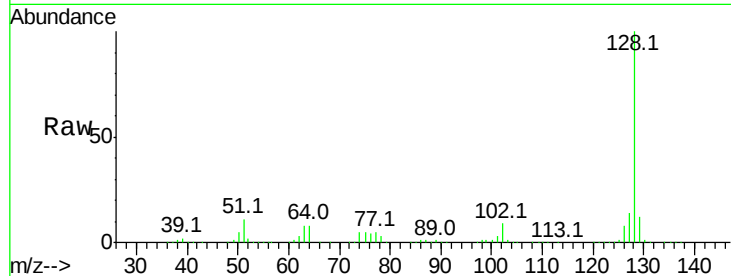




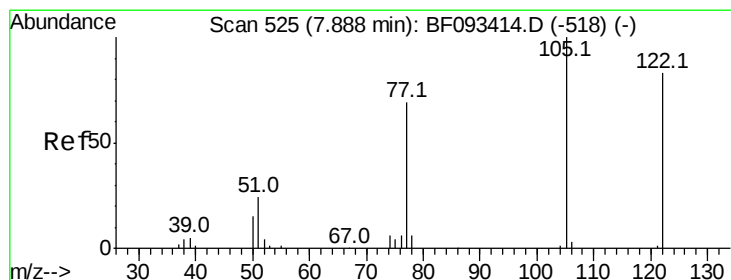
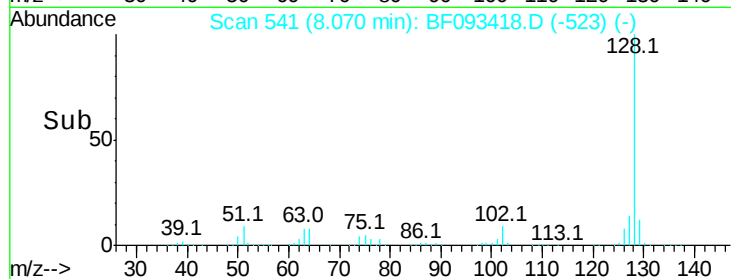
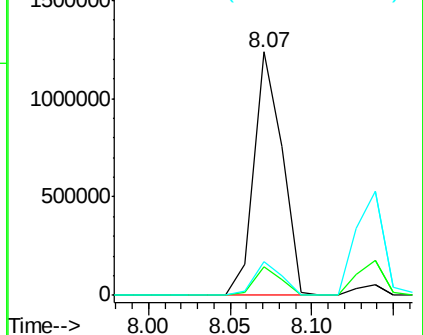
#31
Naphthalene
Concen: 36.95 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.10 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion:128 Resp: 1490330
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.7 10.8 16.2

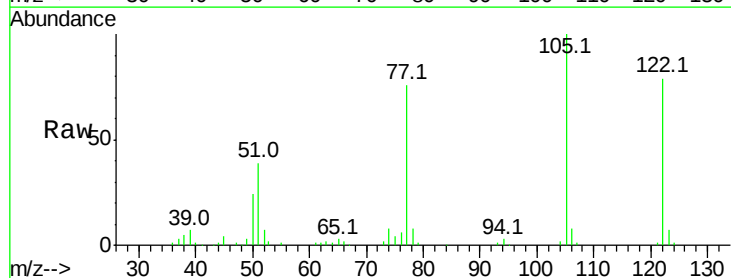


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

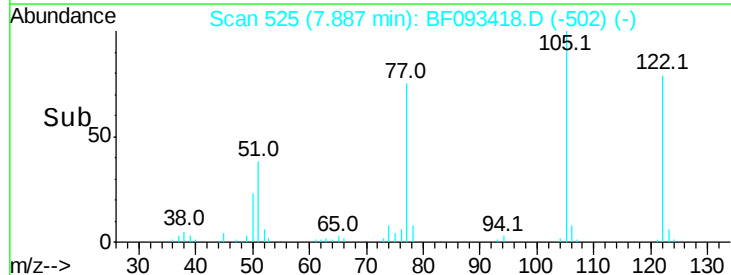
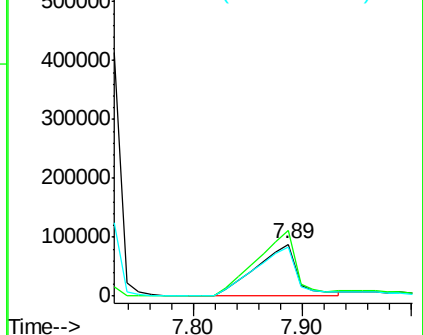


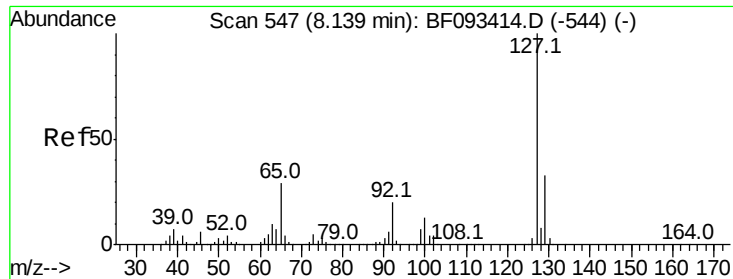
#32
Benzoic acid
Concen: 36.57 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.04 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion:122 Resp: 229898
Ion Ratio Lower Upper
122 100
105 126.4 107.2 147.2
77 95.7 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

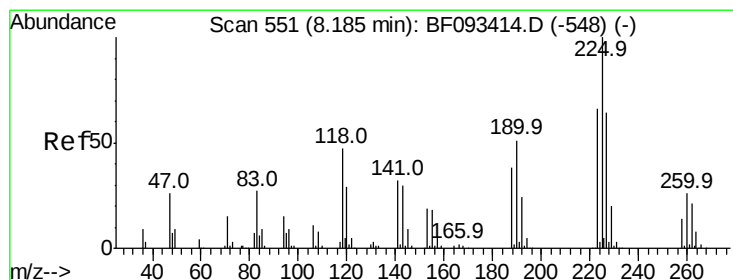
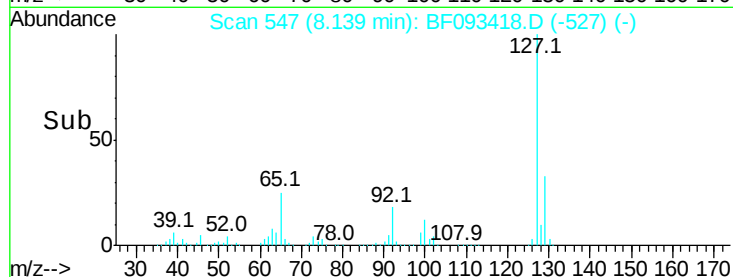
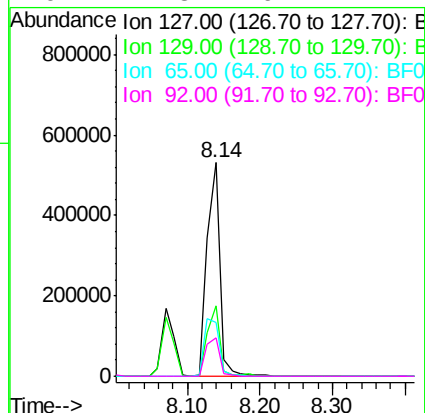
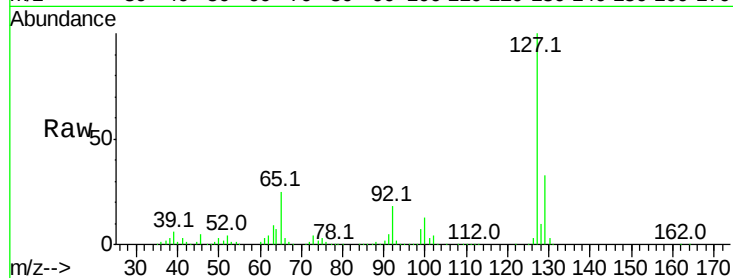




#33
4-Chloroaniline
Concen: 39.80 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.07 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

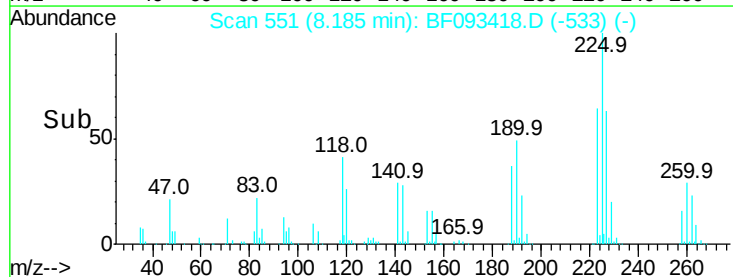
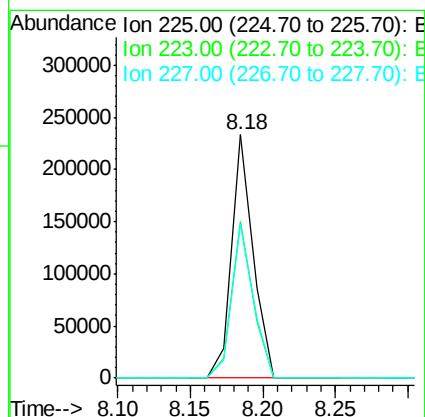
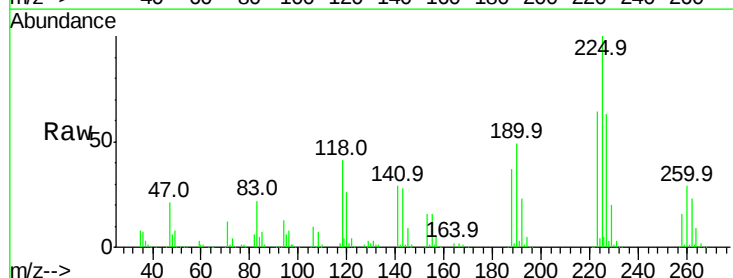
Instrument :
BNA_F
ClientSampleId :
ICVBF030717

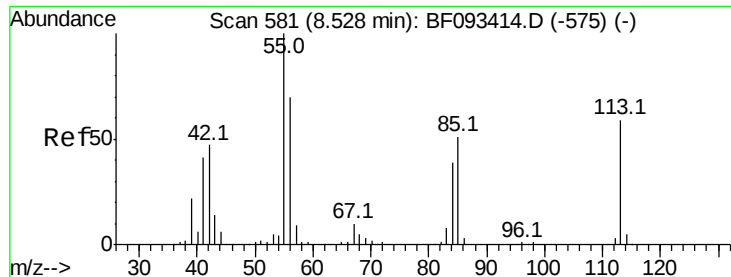
Tot Ion:	127	Resp:	651386
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	25.0	25.8	38.8
92	17.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.54 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.10 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion:	225	Resp:	240286
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	63.2	50.6	76.0

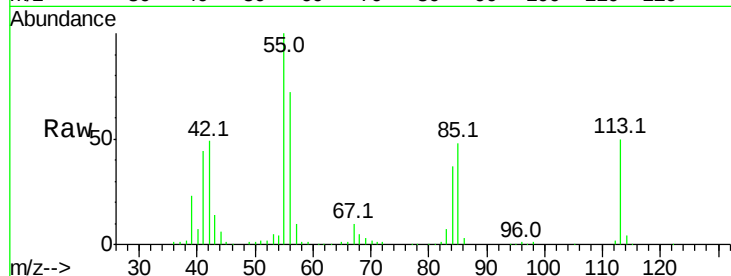




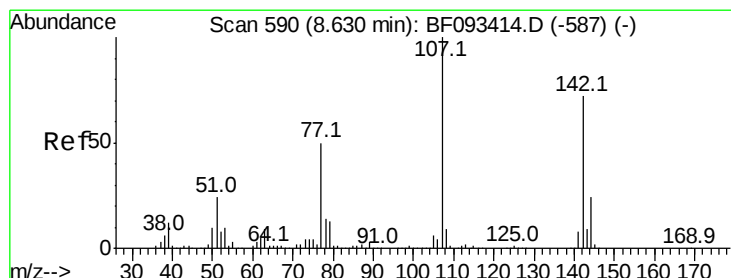
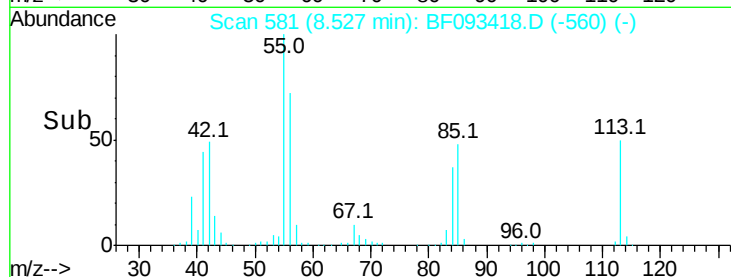
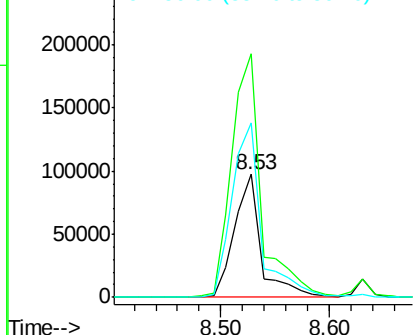
#35
 Caprolactam
 Concen: 42.04 ng
 RT: 8.53 min Scan# 581
 Delta R.T. -0.06 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion:113 Resp: 163420
 Ion Ratio Lower Upper
 113 100
 55 198.4 119.2 159.2#
 56 142.6 83.8 123.8#

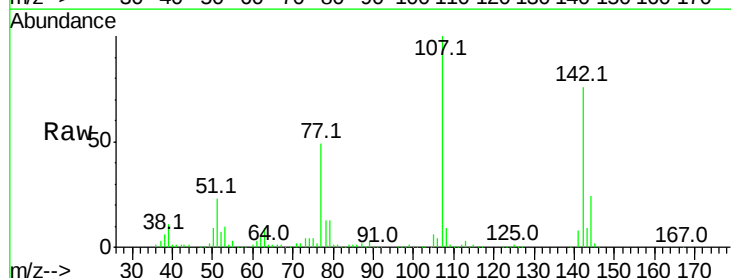


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

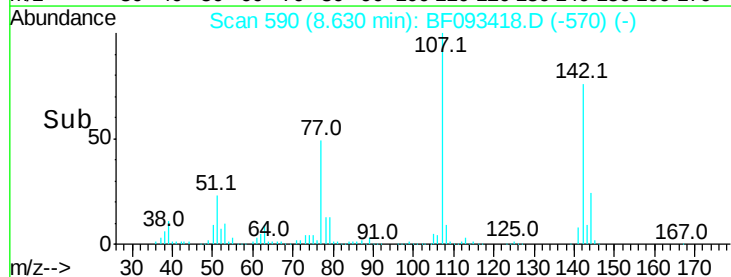
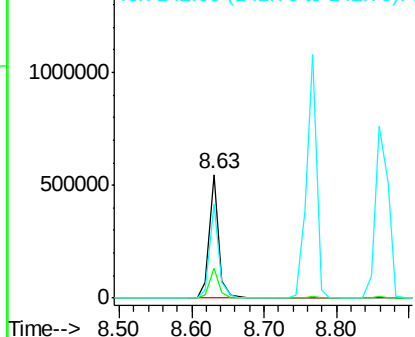


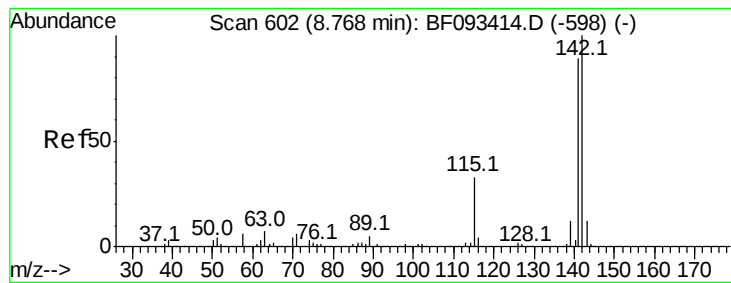
#36
 4-Chloro-3-methylphenol
 Concen: 40.77 ng
 RT: 8.63 min Scan# 590
 Delta R.T. -0.07 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion:107 Resp: 495294
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.3 28.9
 142 76.1 59.0 88.6



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

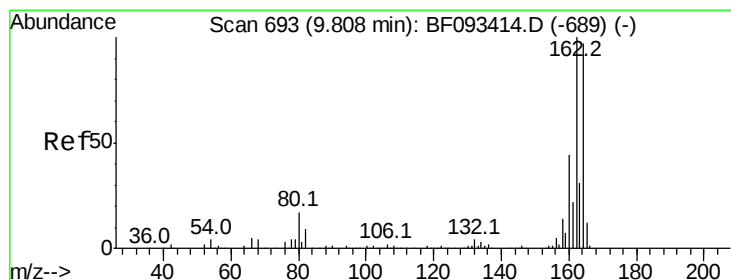
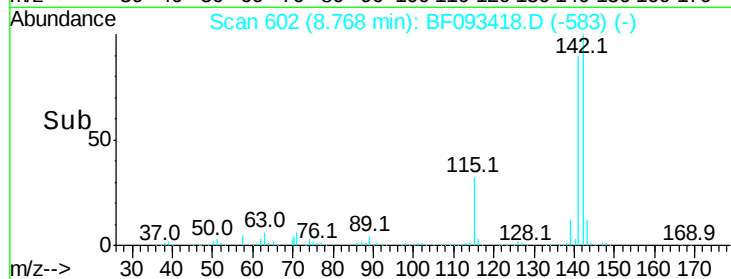
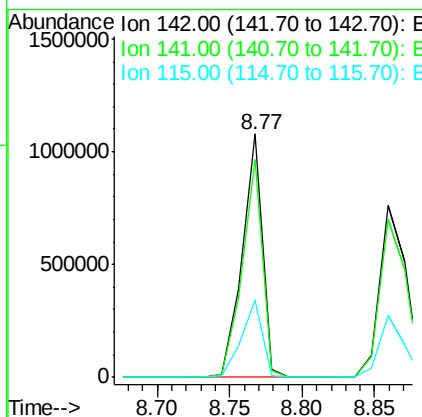
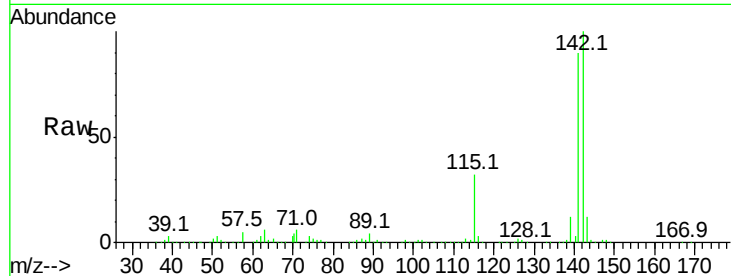




#37
2-Methylnaphthalene
Concen: 40.77 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.09 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

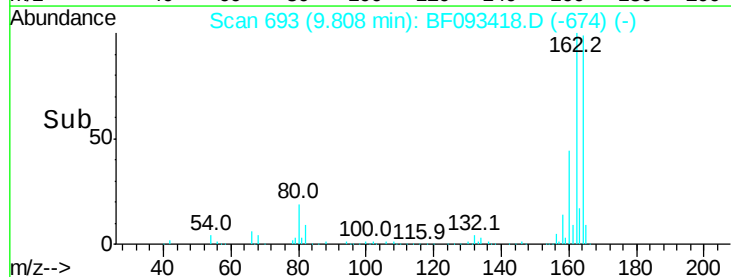
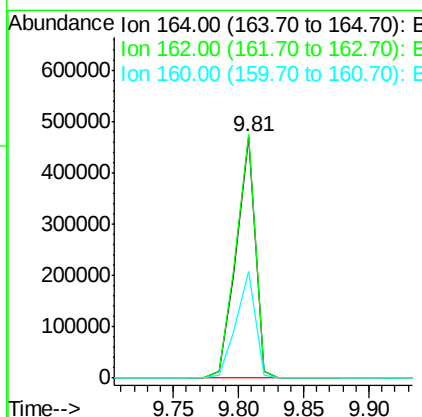
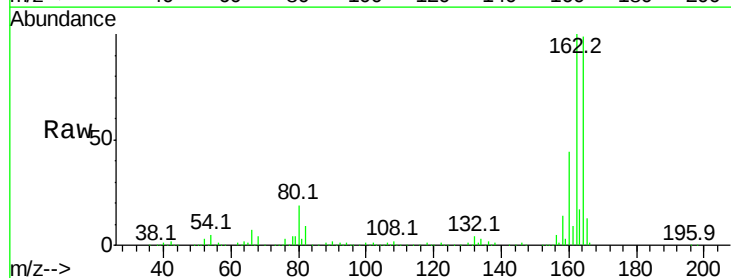
Instrument :
BNA_F
ClientSampleId :
ICVBF030717

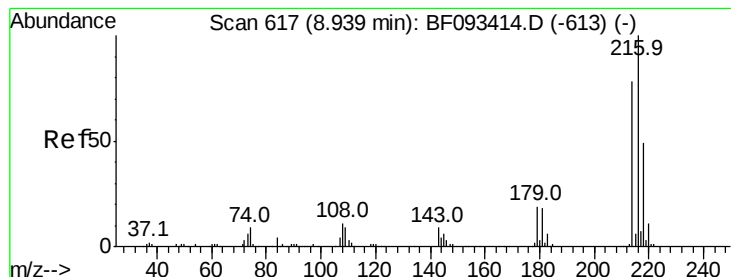
Tot Ion:142 Resp: 1046231
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.6
115 32.0 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion:164 Resp: 478330
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.3 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.97 ng

RT: 8.94 min Scan# 617

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

Tot Ion:216 Resp: 456755

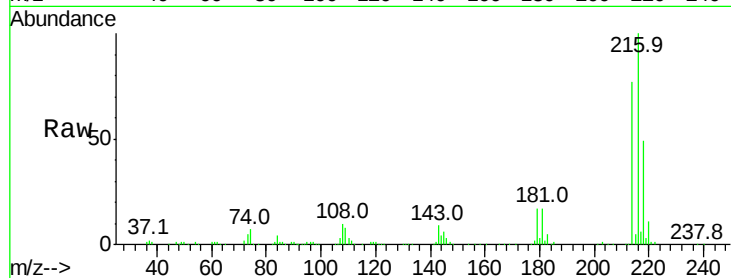
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 21.0 17.4 26.2

108 18.3 15.6 23.4

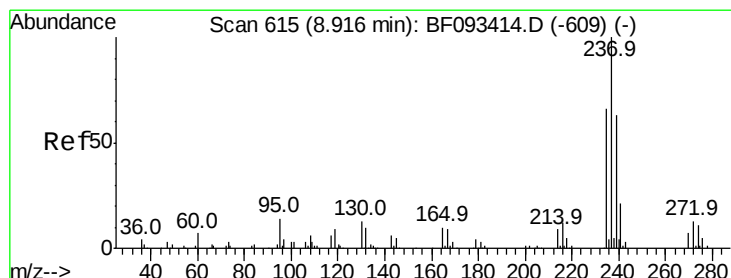
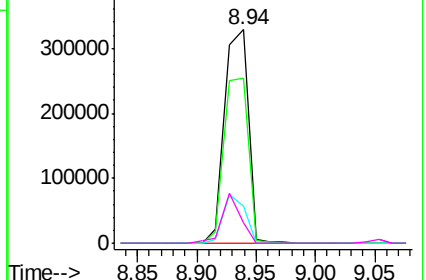
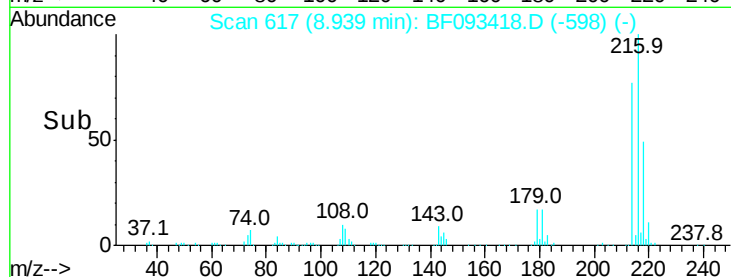


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.42 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.08 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

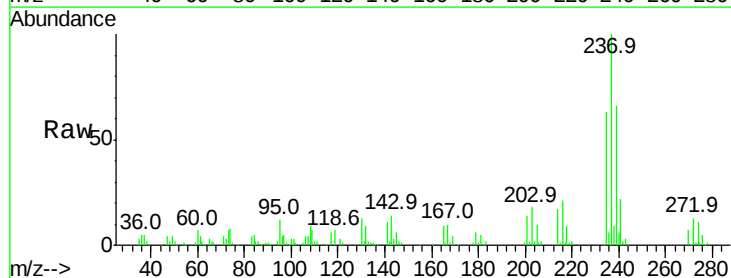
Tgt Ion:237 Resp: 90578

Ion Ratio Lower Upper

237 100

235 62.9 41.2 81.2

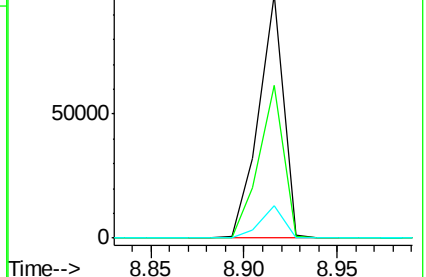
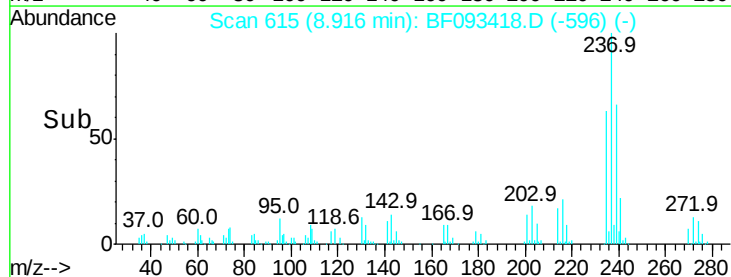
272 13.1 0.0 35.4

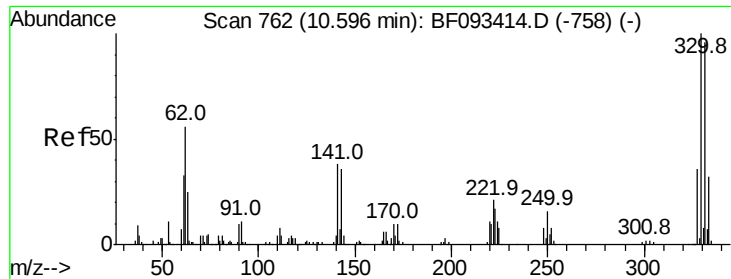


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

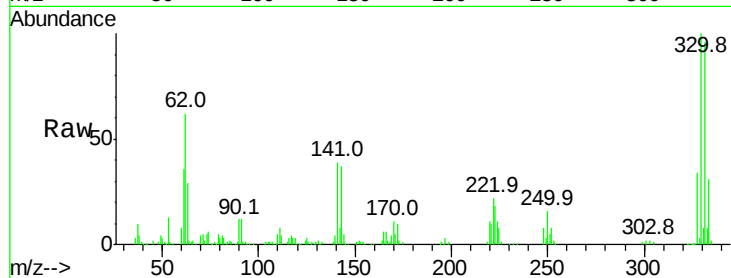




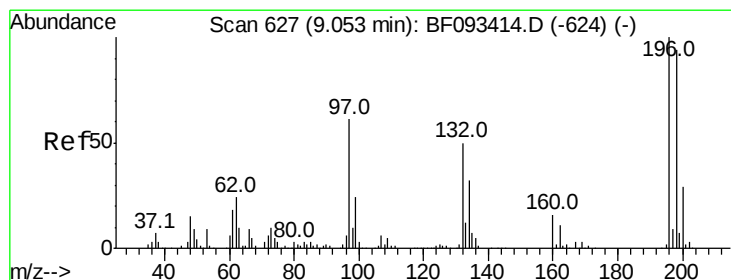
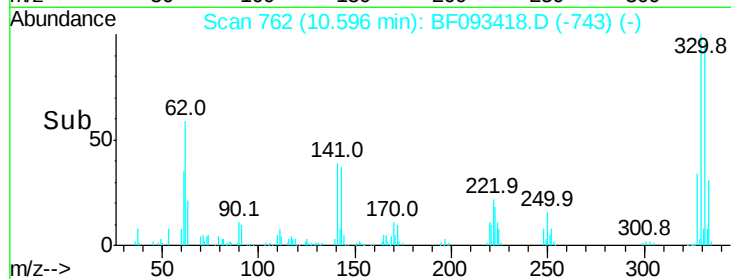
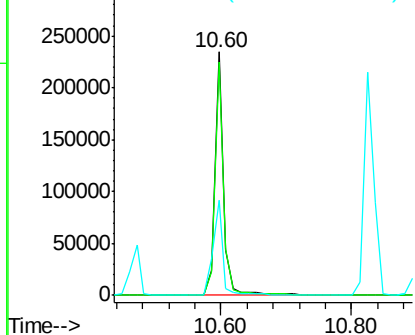
#41
 2,4,6-Tribromophenol
 Concen: 72.40 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.09 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion:330 Resp: 225638
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 44.9 34.1 51.1

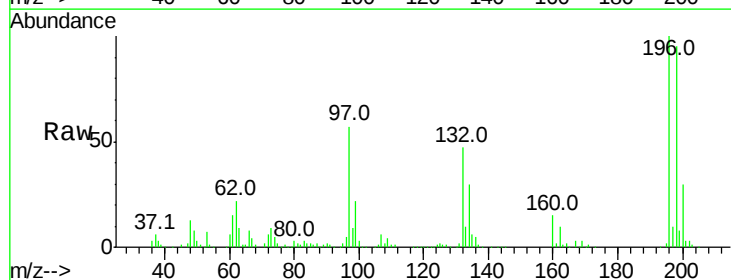


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

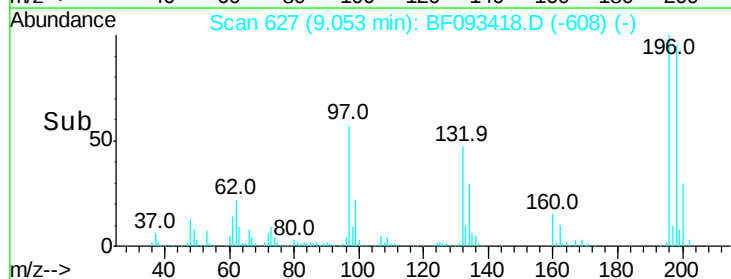
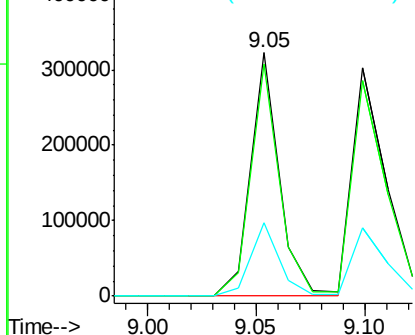


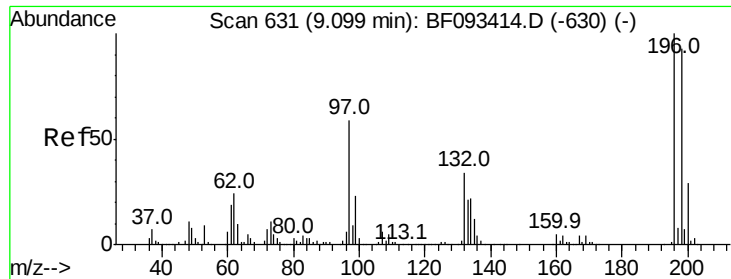
#42
 2,4,6-Trichlorophenol
 Concen: 36.49 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.09 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion:196 Resp: 297744
 Ion Ratio Lower Upper
 196 100
 198 95.4 82.1 123.1
 200 29.9 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

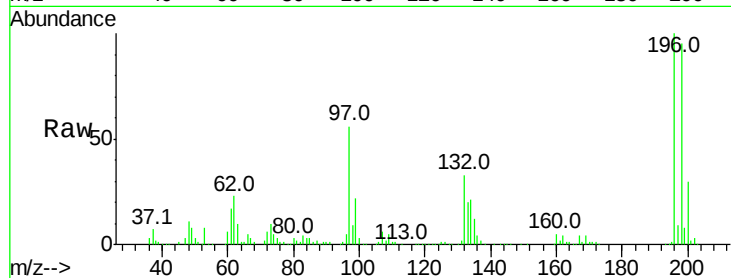




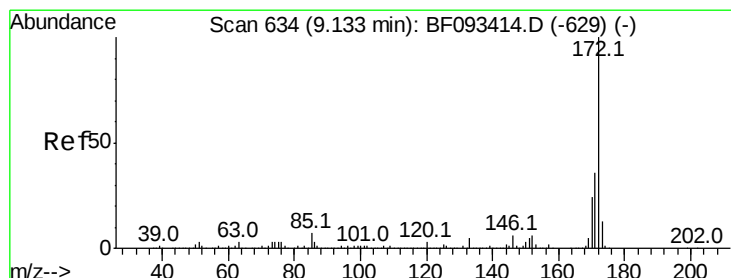
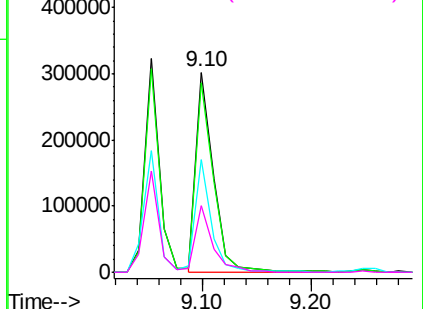
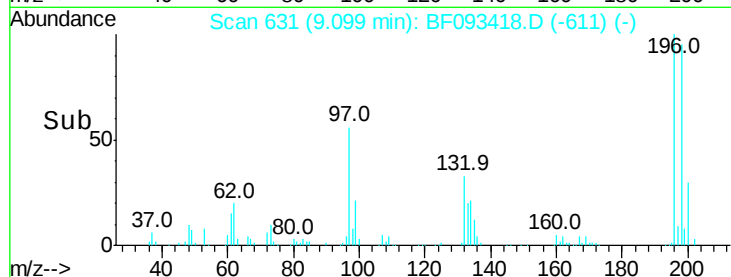
#43
 2,4,5-Trichlorophenol
 Concen: 38.22 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.07 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion:196 Resp: 334649
 Ion Ratio Lower Upper
 196 100
 198 94.7 79.4 119.2
 97 56.3 51.5 77.3
 132 33.1 27.4 41.2

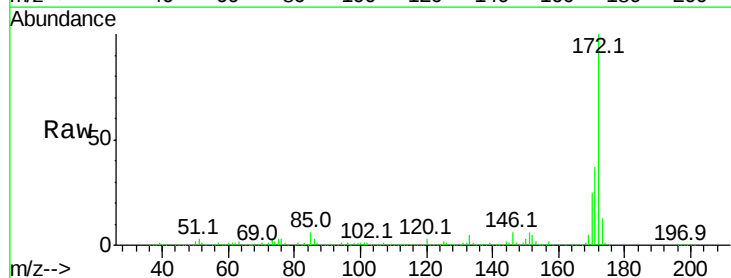


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

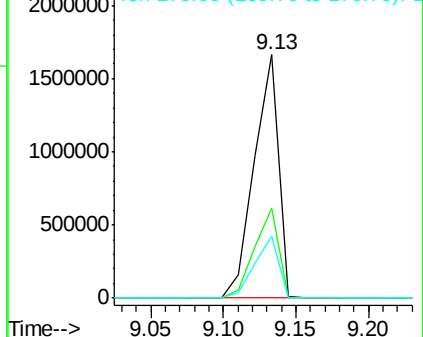
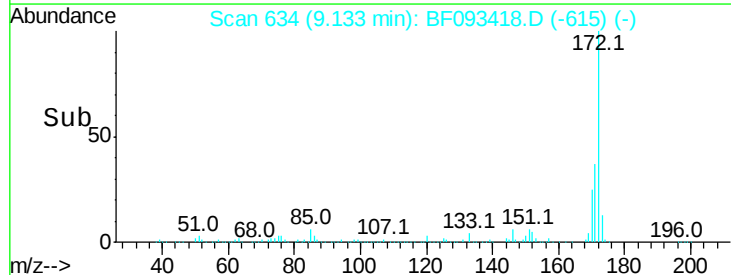


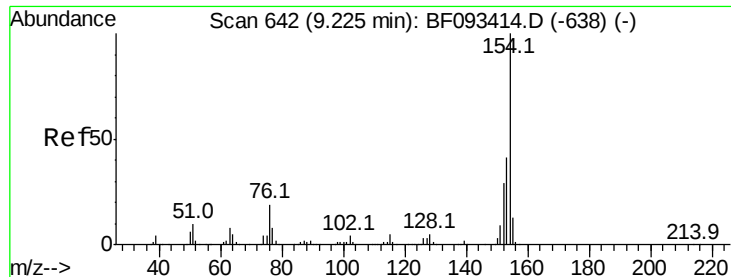
#44
 2-Fluorobiphenyl
 Concen: 75.12 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.09 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion:172 Resp: 1931697
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 25.3 20.2 30.4



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

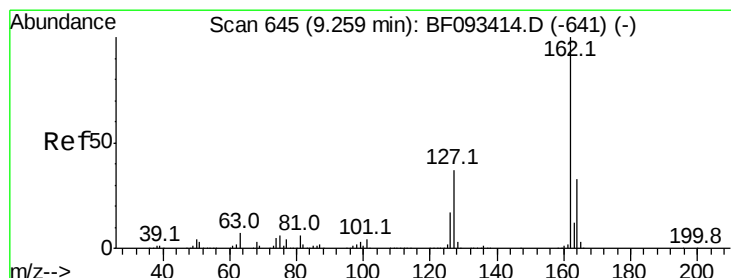
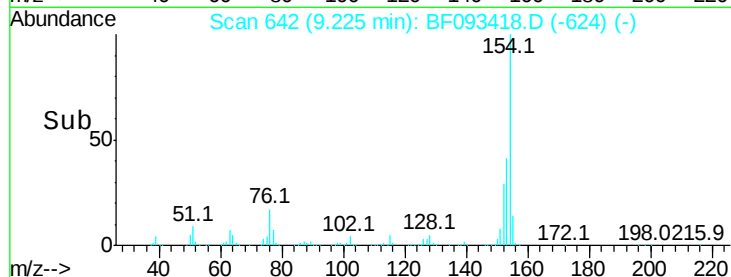
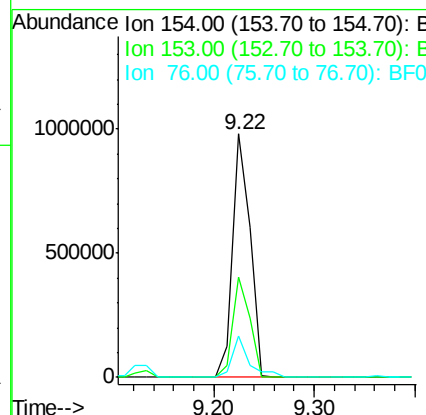
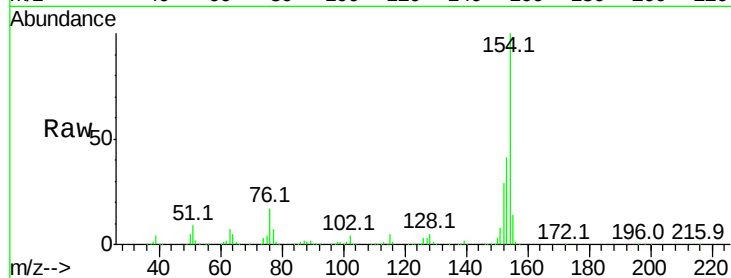




#45
 1,1'-Biphenyl
 Concen: 33.94 ng
 RT: 9.22 min Scan# 642
 Delta R.T. -0.10 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

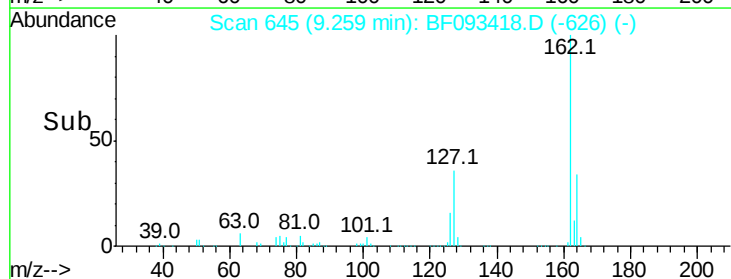
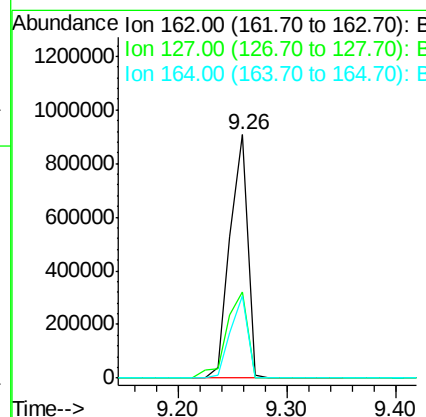
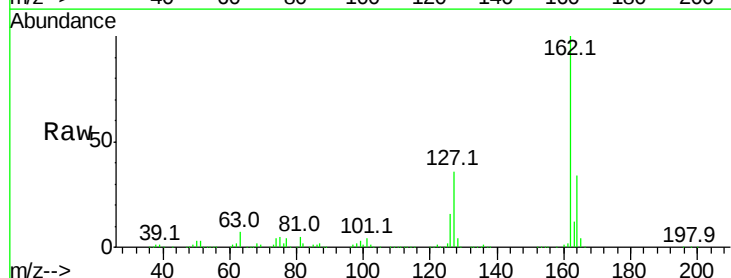
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

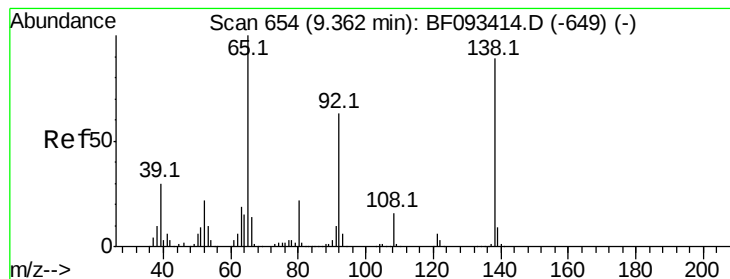
Tot Ion:154 Resp: 1182680
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.9 60.9
 76 17.0 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 38.39 ng
 RT: 9.26 min Scan# 645
 Delta R.T. -0.09 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion:162 Resp: 1024028
 Ion Ratio Lower Upper
 162 100
 127 35.5 30.7 46.1
 164 33.8 27.6 41.4





#47

2-Nitroaniline

Concen: 38.65 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

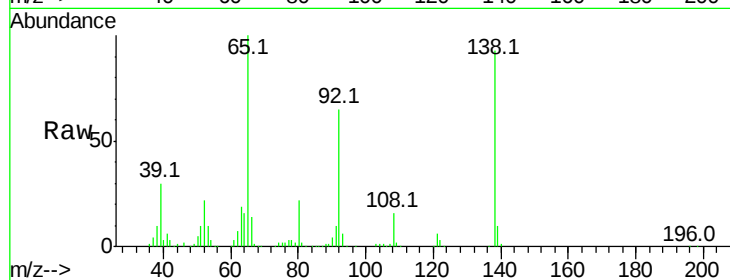
Tot Ion: 65 Resp: 364391

Ion Ratio Lower Upper

65 100

92 65.0 53.9 80.9

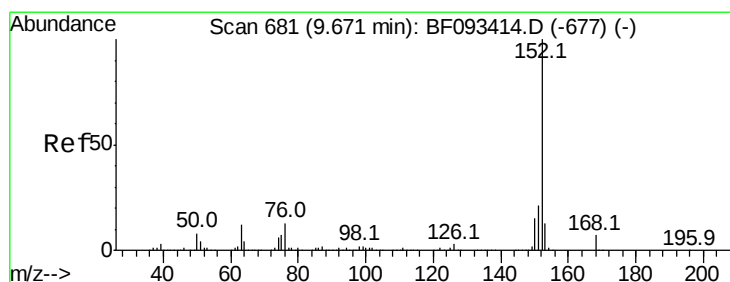
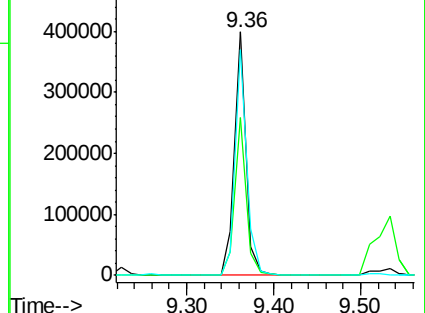
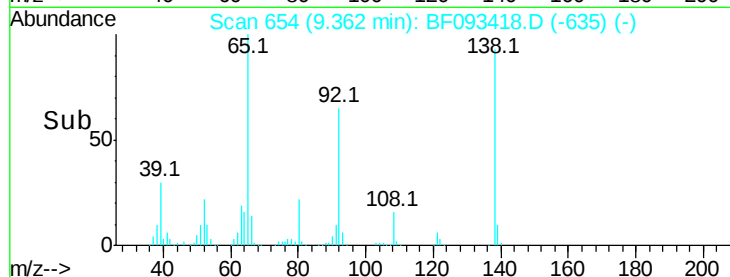
138 92.6 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 37.48 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

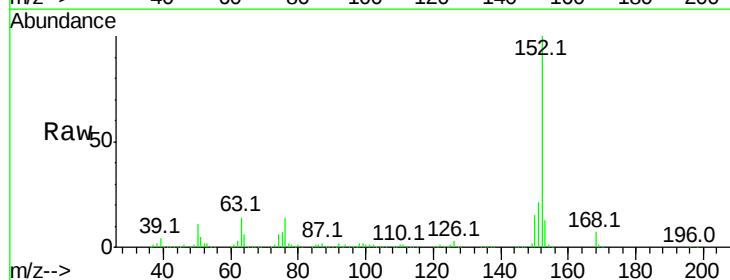
Tgt Ion:152 Resp: 1648560

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

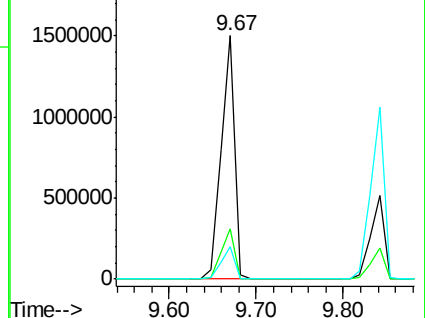
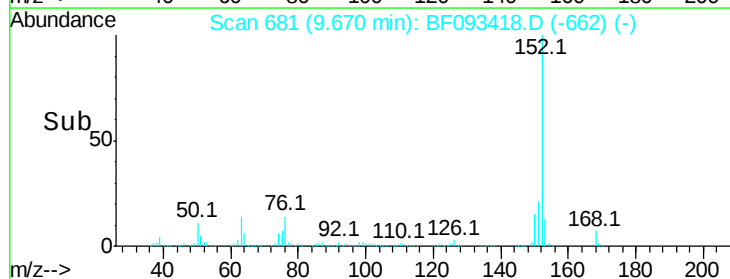
153 13.5 11.4 17.2

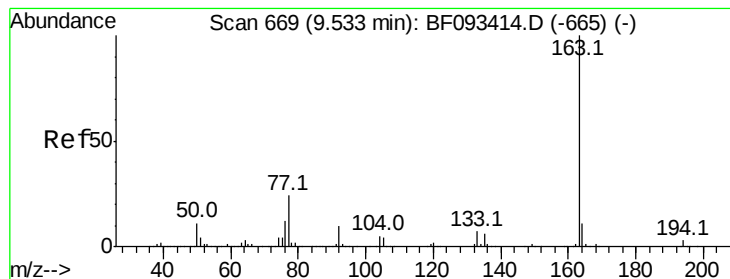


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 36.11 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

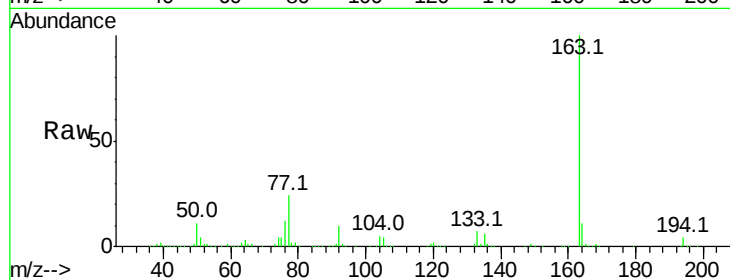
Tot Ion:163 Resp: 1144998

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

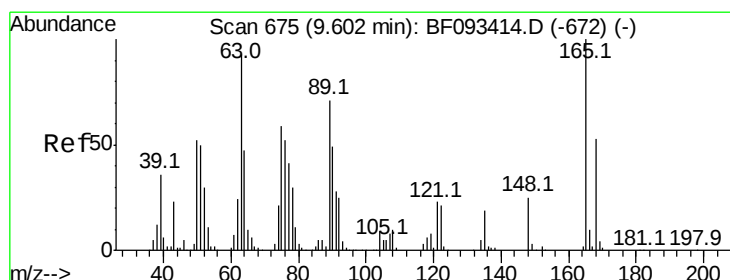
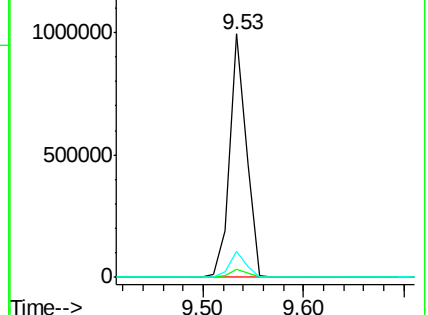
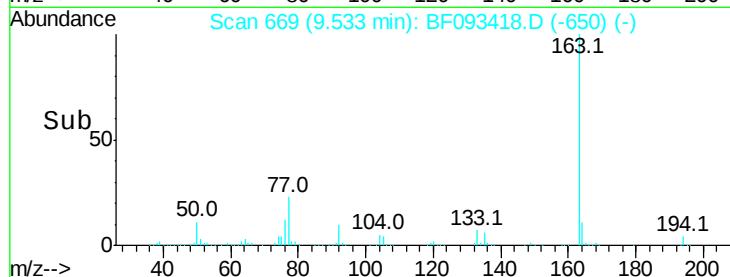
164 10.6 8.0 12.0



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: 35.93 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

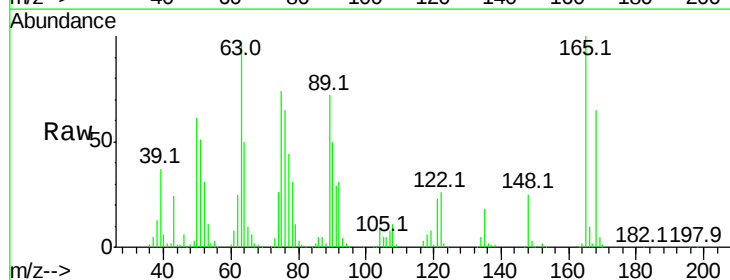
Tgt Ion:165 Resp: 250009

Ion Ratio Lower Upper

165 100

63 96.7 36.2 54.4#

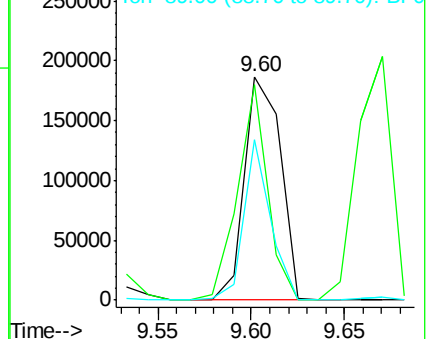
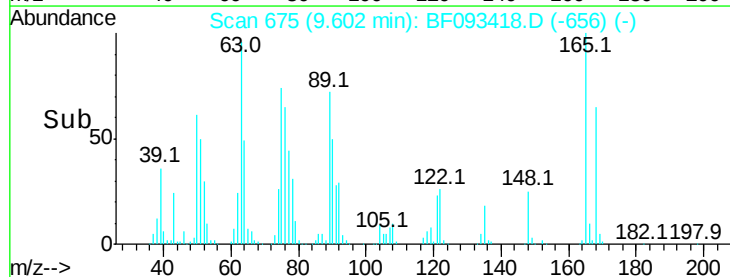
89 71.6 40.2 60.4#

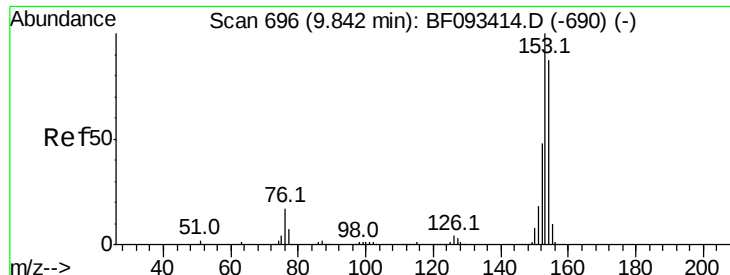


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.75 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

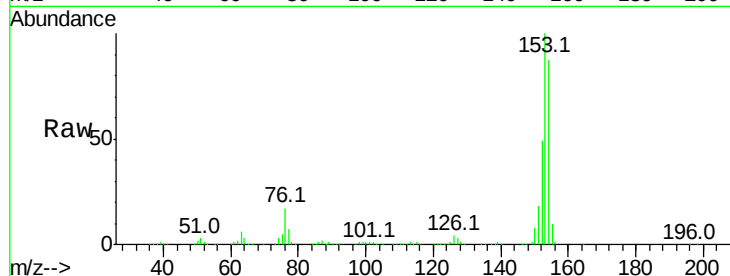
Tot Ion:154 Resp: 982043

Ion Ratio Lower Upper

154 100

153 114.4 88.6 133.0

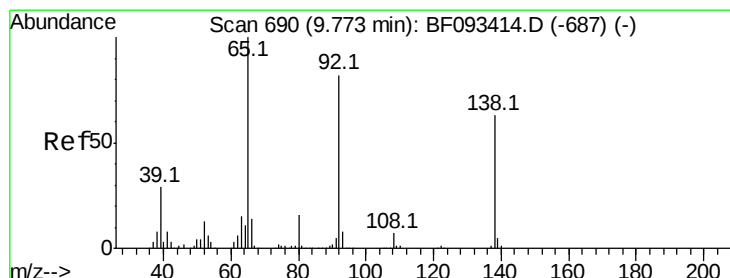
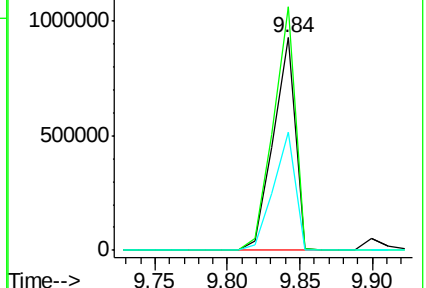
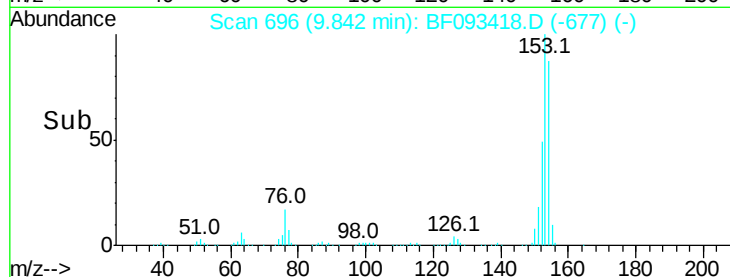
152 55.7 41.6 62.4



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: 34.84 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

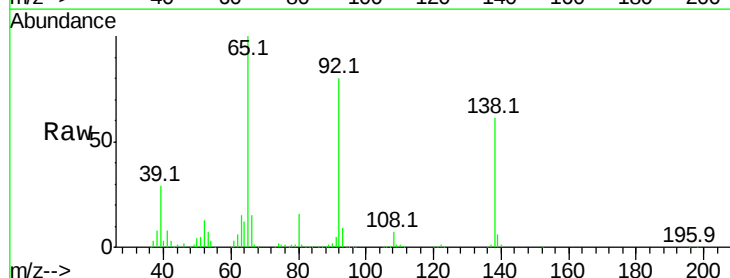
Tgt Ion:138 Resp: 291267

Ion Ratio Lower Upper

138 100

108 11.6 8.5 12.7

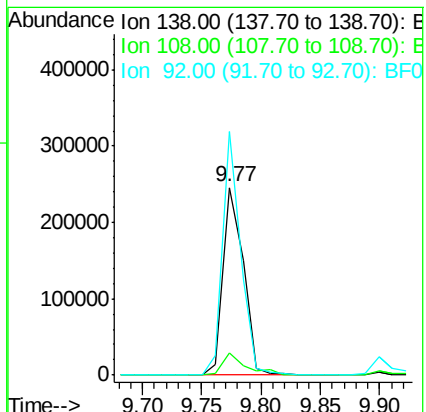
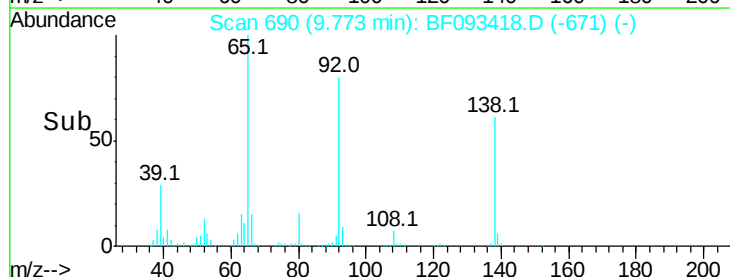
92 129.9 97.8 146.8

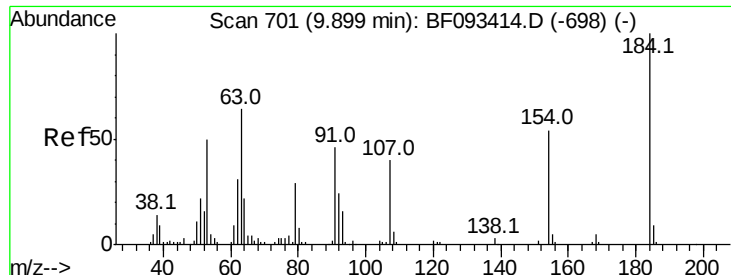


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

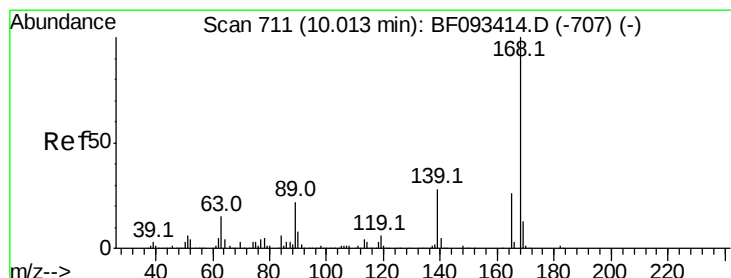
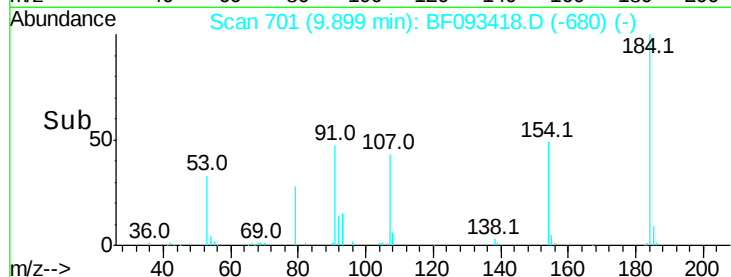
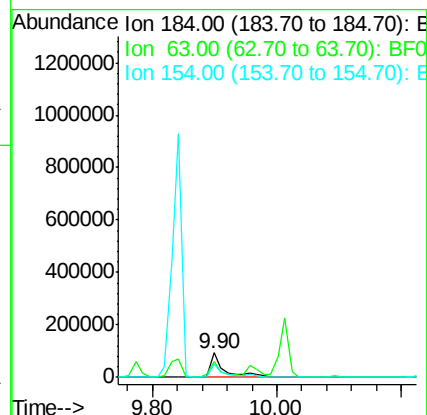
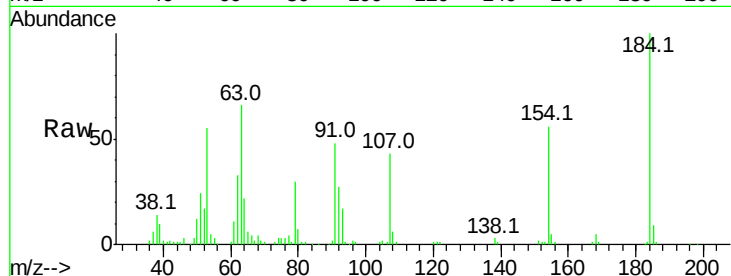




#53
 2,4-Dinitrophenol
 Concen: 46.10 ng
 RT: 9.90 min Scan# 701
 Delta R.T. -0.06 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

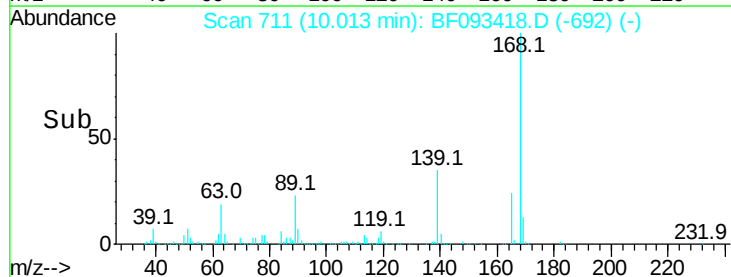
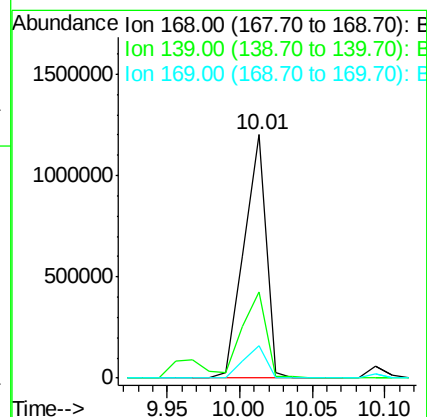
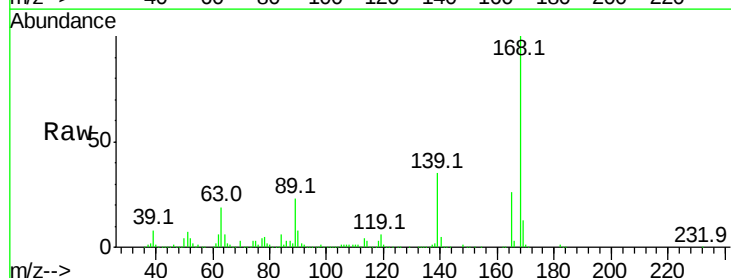
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

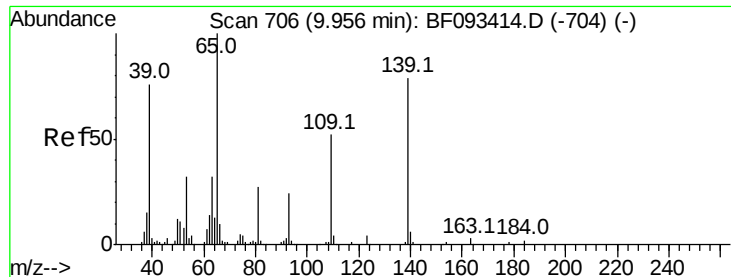
Tot Ion:184 Resp: 146079
 Ion Ratio Lower Upper
 184 100
 63 65.7 28.4 42.6#
 154 56.1 44.3 66.5



#54
 Dibenzofuran
 Concen: 39.21 ng
 RT: 10.01 min Scan# 711
 Delta R.T. -0.09 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion:168 Resp: 1276768
 Ion Ratio Lower Upper
 168 100
 139 35.3 32.6 49.0
 169 13.2 11.3 16.9





#55

4-Nitrophenol

Concen: 39.35 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.05 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

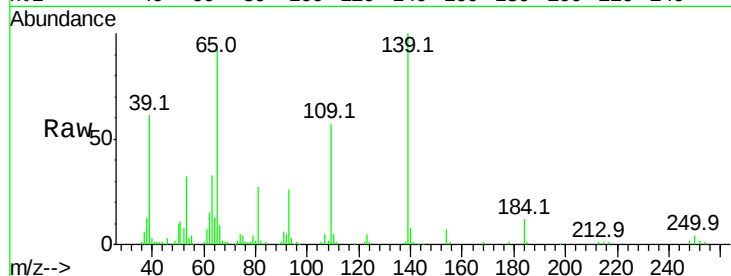
Tot Ion:139 Resp: 159780

Ion Ratio Lower Upper

139 100

109 56.8 52.2 92.2

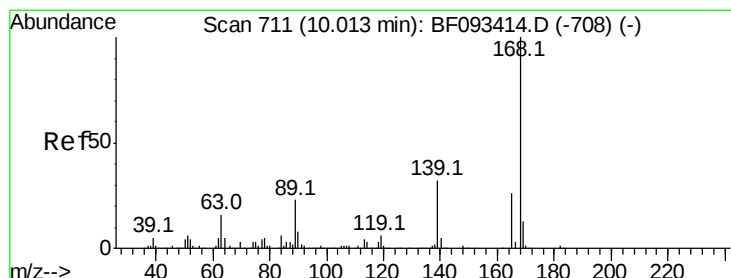
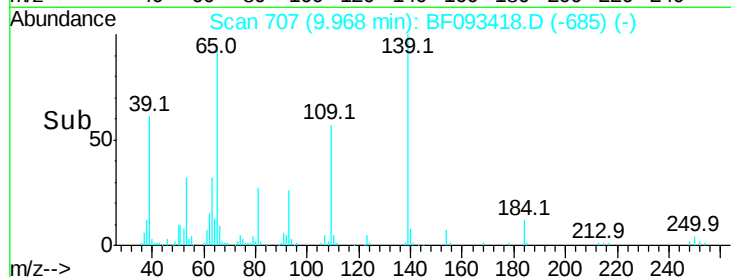
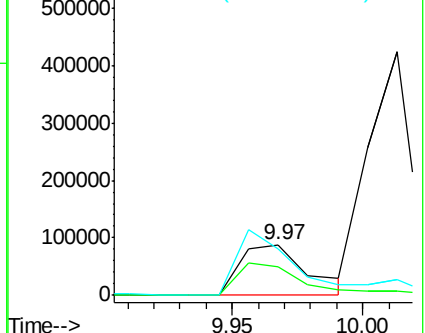
65 91.8 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 33.90 ng

RT: 10.01 min Scan# 711

Delta R.T. -0.07 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Tgt Ion:165 Resp: 289807

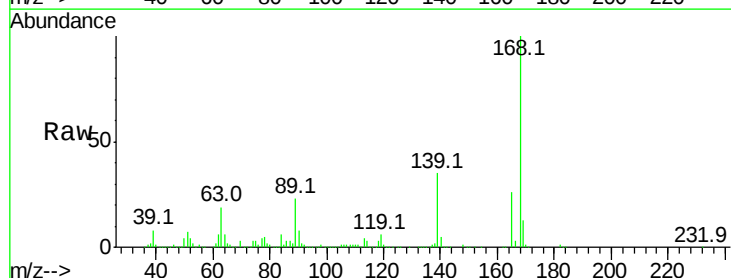
Ion Ratio Lower Upper

165 100

63 72.6 40.2 60.4#

89 89.7 62.5 93.7

182 2.3 1.8 2.8

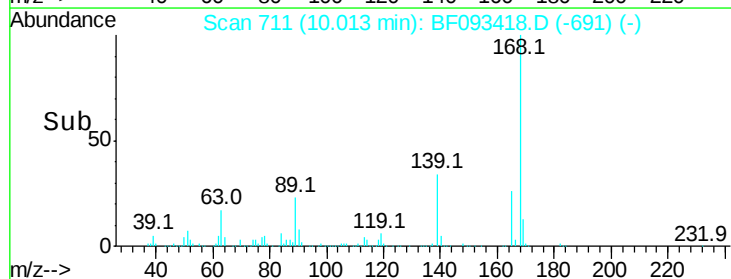
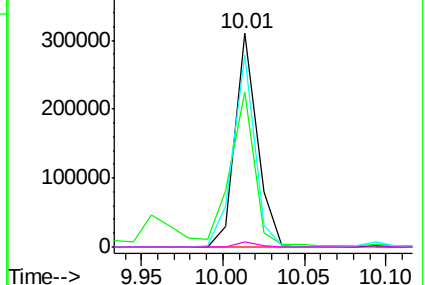


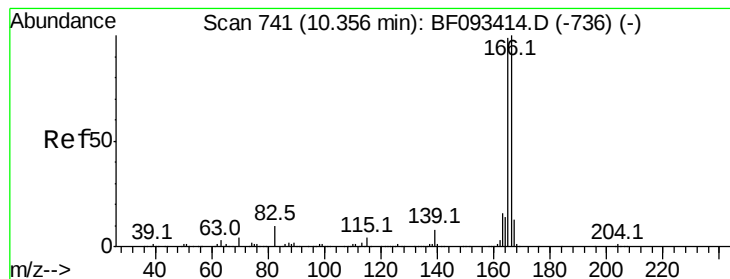
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.50 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

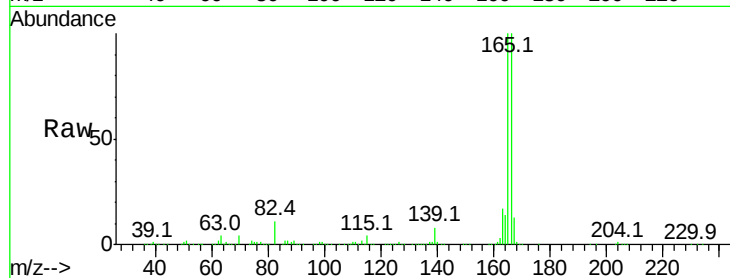
Tot Ion:166 Resp: 1089718

Ion Ratio Lower Upper

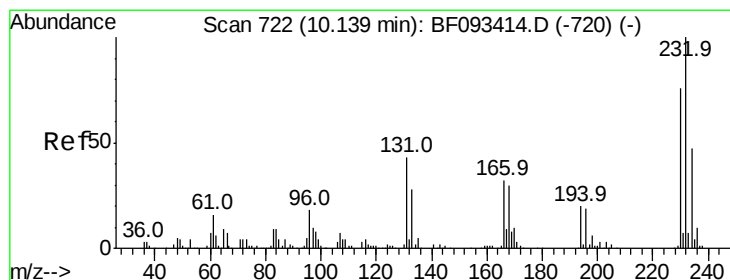
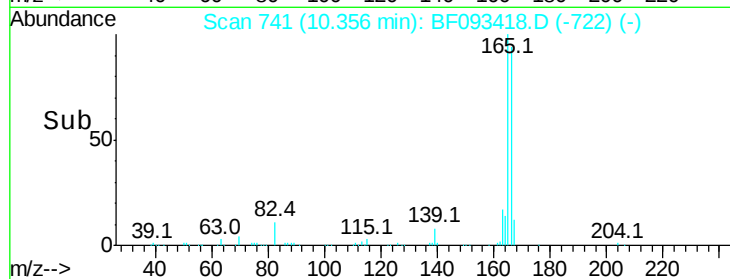
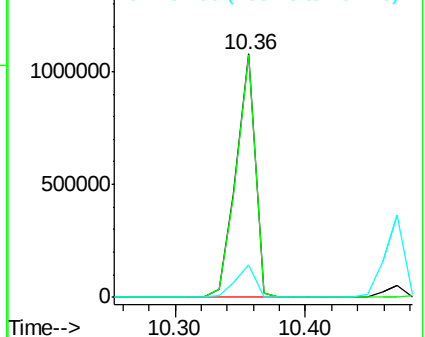
166 100

165 99.6 77.8 116.8

167 13.4 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: 39.96 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Tgt Ion:232 Resp: 246941

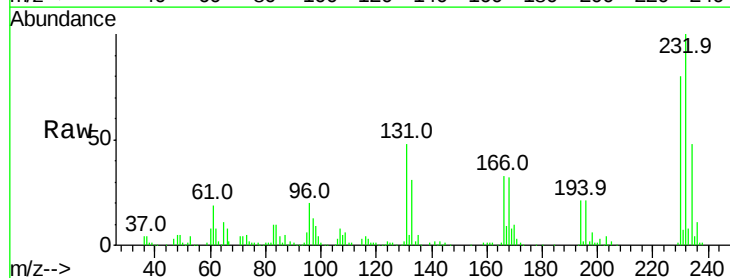
Ion Ratio Lower Upper

232 100

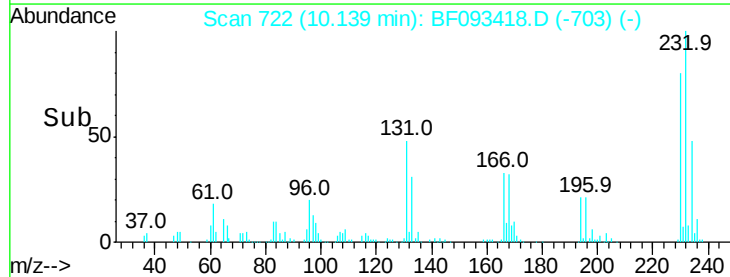
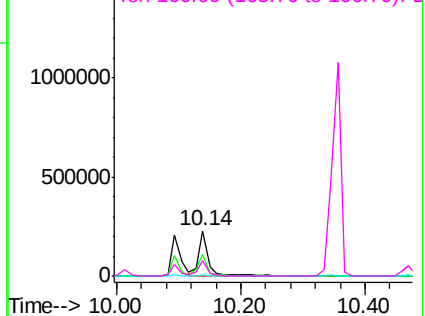
131 47.8 40.1 60.1

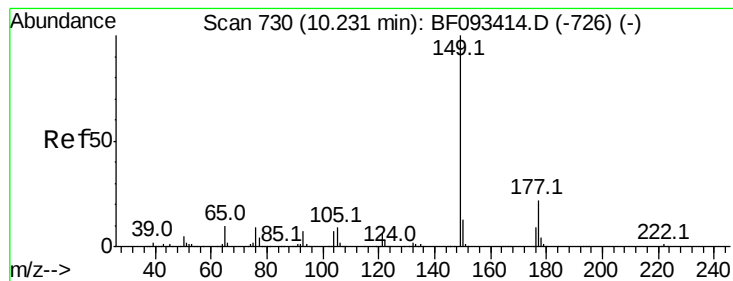
130 2.2 1.8 2.8

166 29.8 26.6 39.8



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





#59

Diethylphthalate

Concen: 35.75 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

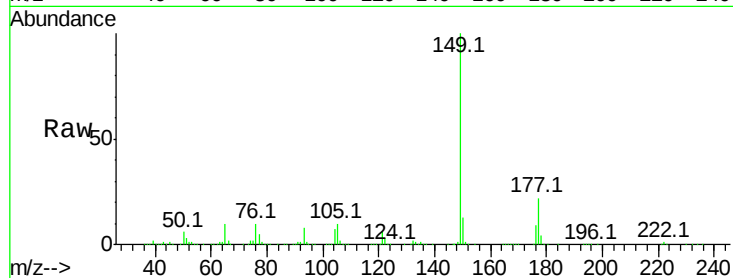
Tot Ion:149 Resp: 1083605

Ion Ratio Lower Upper

149 100

177 22.1 16.6 25.0

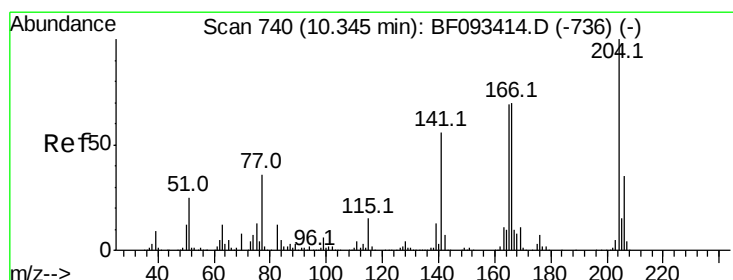
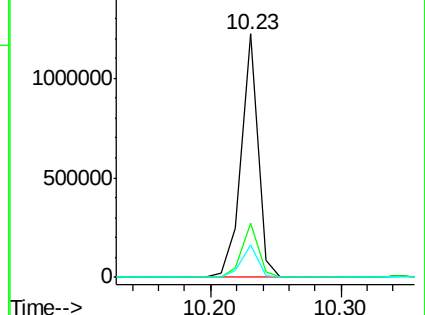
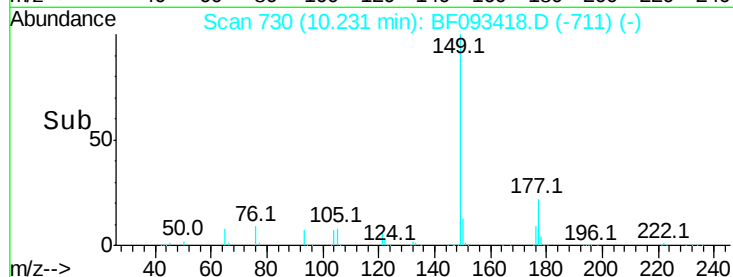
150 13.1 10.4 15.6



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: 40.28 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

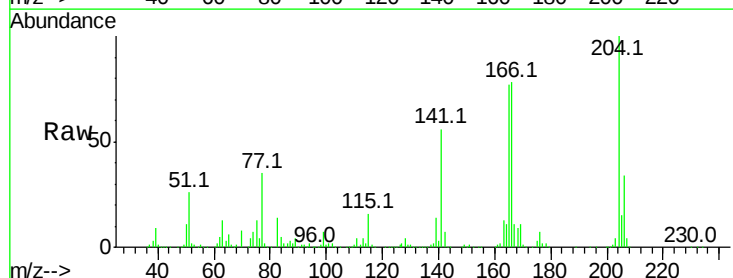
Tgt Ion:204 Resp: 498104

Ion Ratio Lower Upper

204 100

206 34.4 25.8 38.6

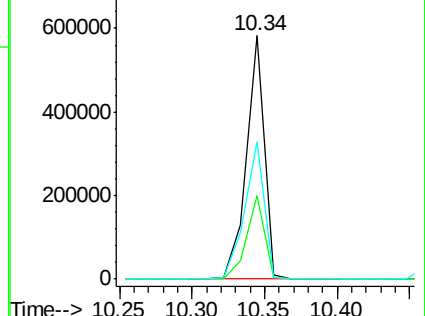
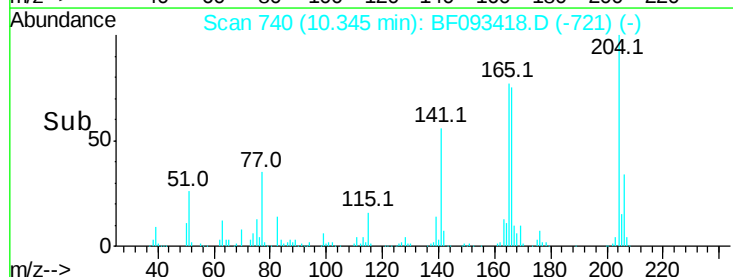
141 56.4 59.4 89.0#

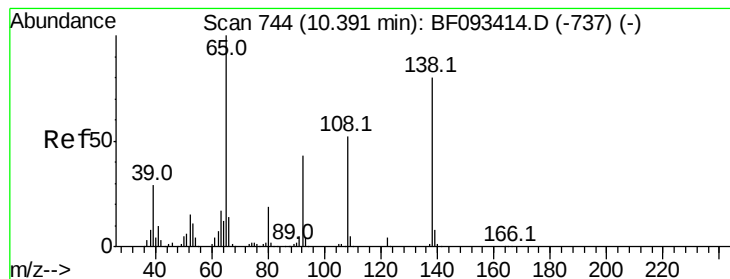


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.33 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.07 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

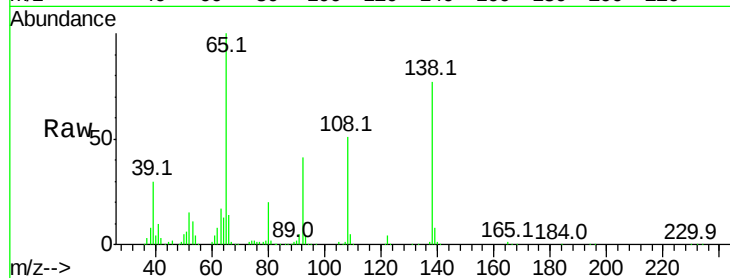
Tot Ion:138 Resp: 293511

Ion Ratio Lower Upper

138 100

92 53.8 31.7 71.7

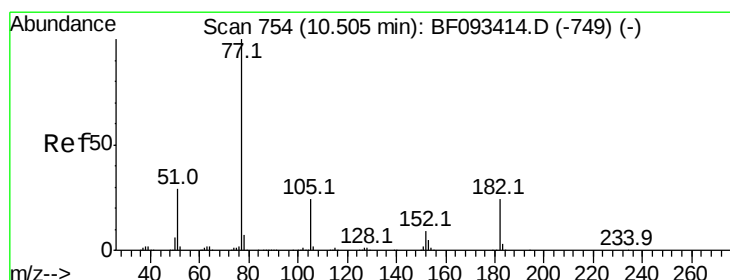
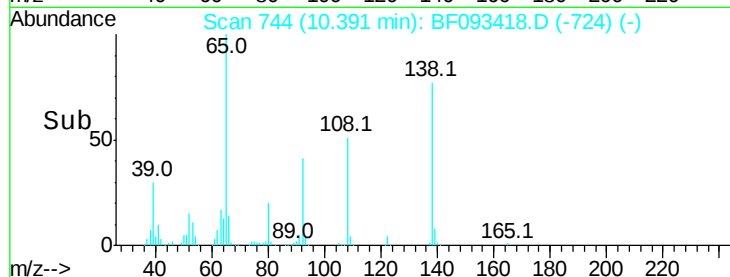
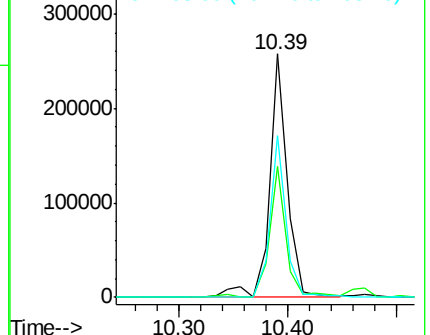
108 66.2 52.6 92.6



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: 39.53 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Tgt Ion: 77 Resp: 1361288

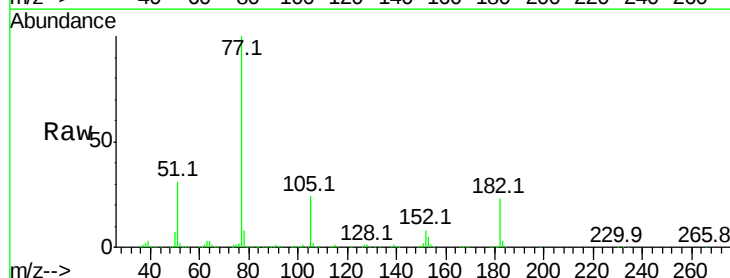
Ion Ratio Lower Upper

77 100

182 22.8 0.0 39.3

105 24.0 2.3 42.3

51 31.0 8.9 48.9

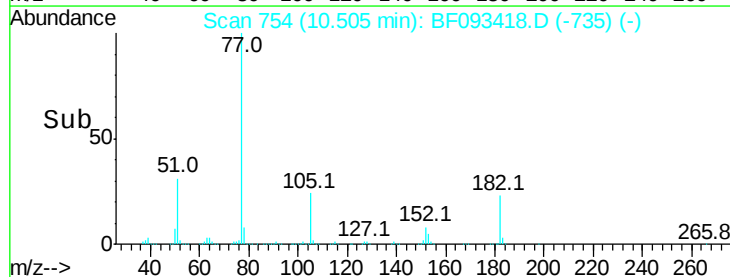
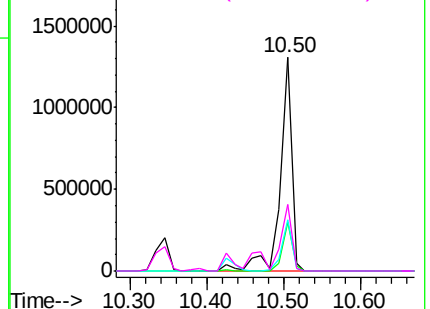


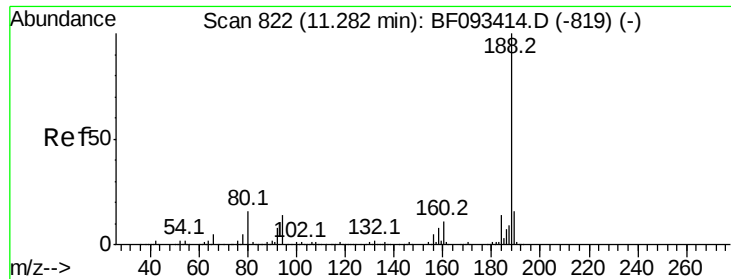
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

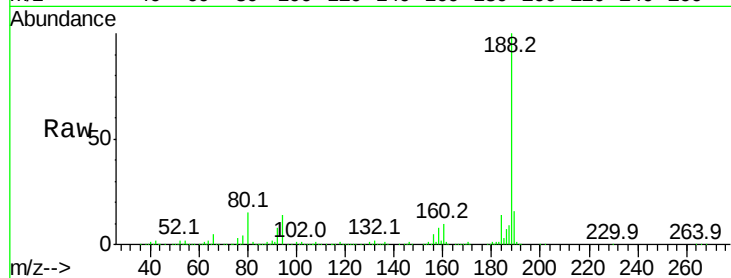




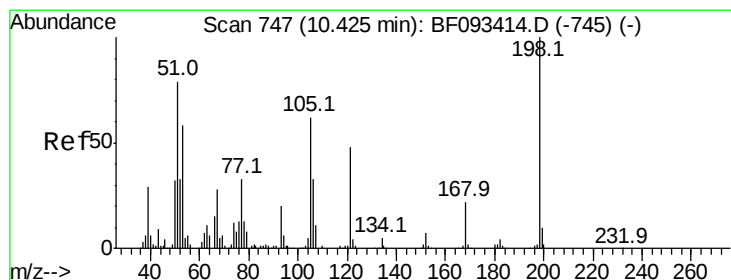
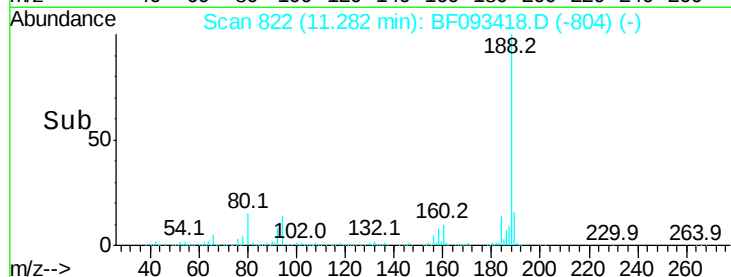
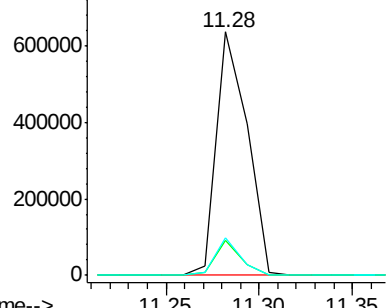
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.10 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion:188 Resp: 730318
Ion Ratio Lower Upper
188 100
94 14.4 10.0 15.0
80 15.4 11.2 16.8

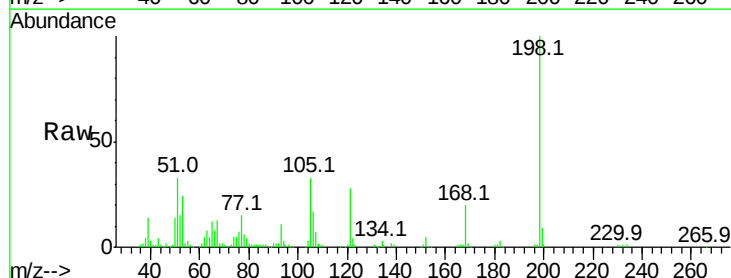


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

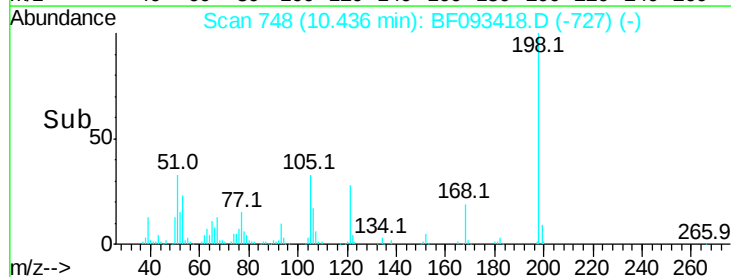
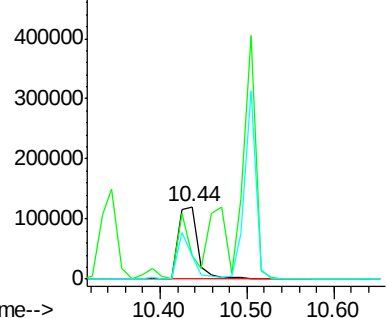


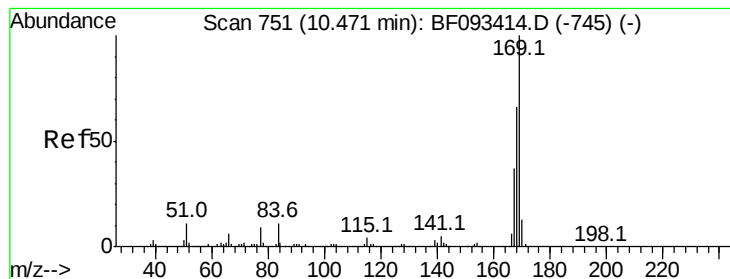
#64
4,6-Dinitro-2-methylphenol
Concen: 40.44 ng
RT: 10.44 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion:198 Resp: 191331
Ion Ratio Lower Upper
198 100
51 33.1 6.7 46.7
105 32.9 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 40.66 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

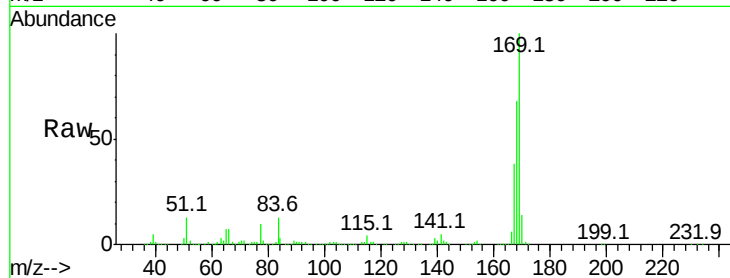
Tot Ion:169 Resp: 991589

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

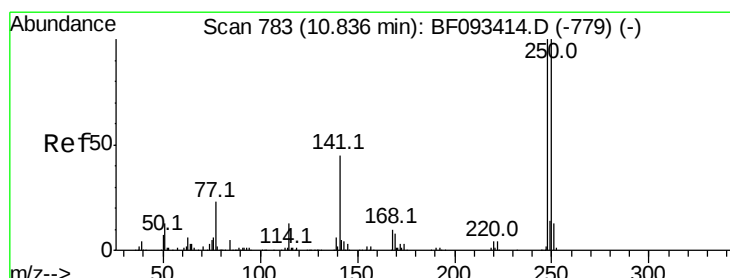
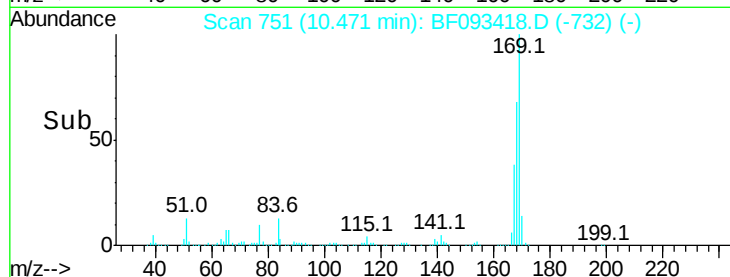
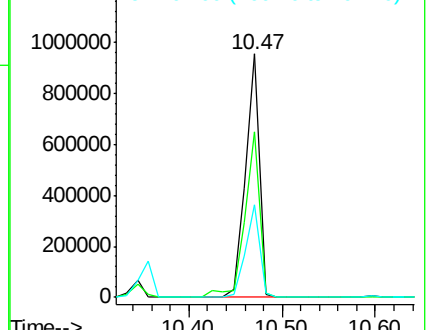
167 37.9 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.21 ng

RT: 10.84 min Scan# 783

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

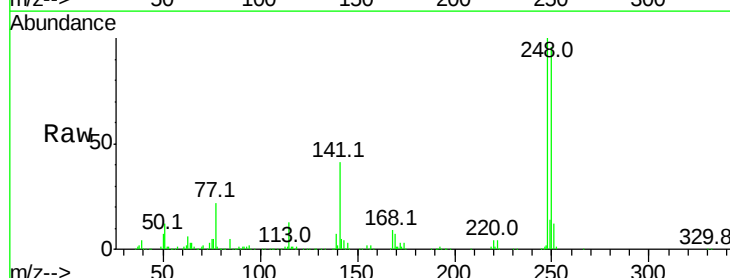
Tgt Ion:248 Resp: 295056

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

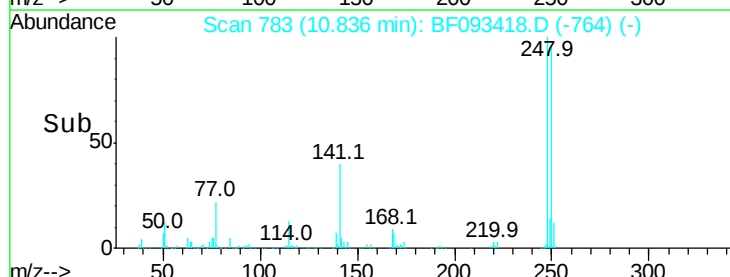
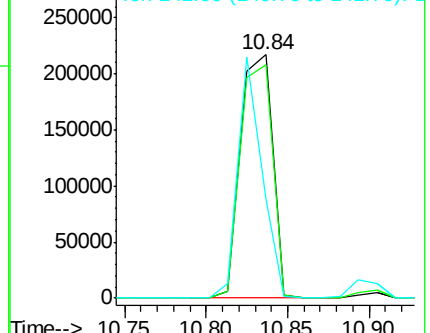
141 40.8 68.2 102.4#

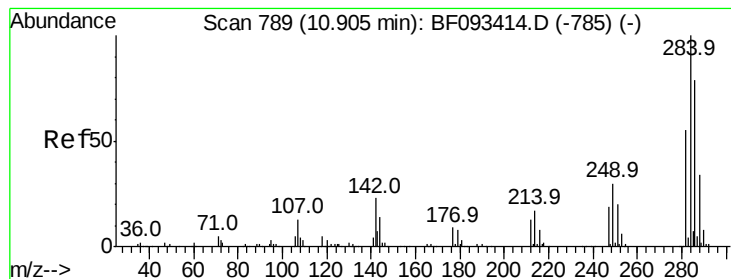


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.98 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

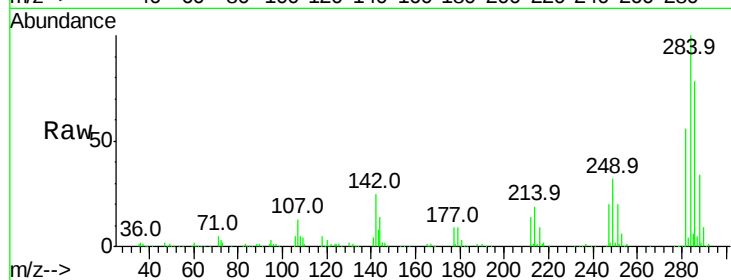
Tot Ion:284 Resp: 302218

Ion Ratio Lower Upper

284 100

142 25.4 22.6 33.8

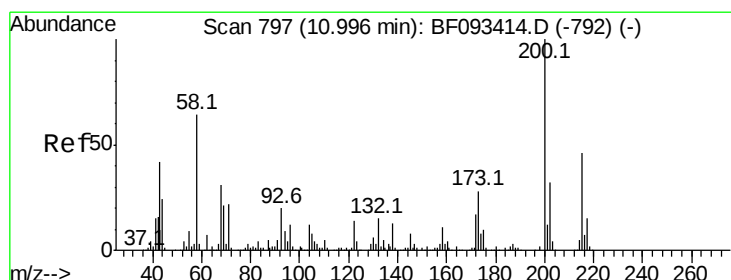
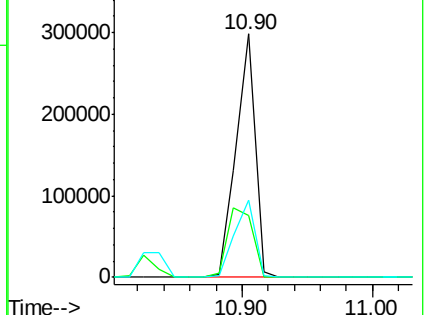
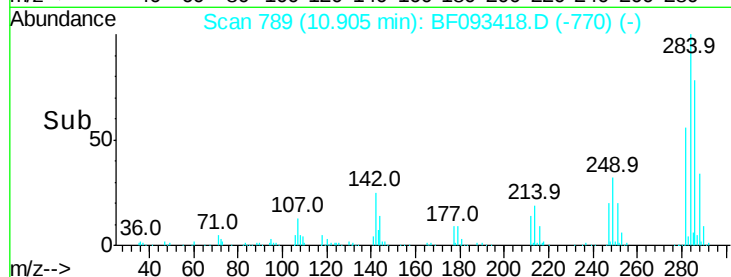
249 31.5 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.89 ng

RT: 11.00 min Scan# 797

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

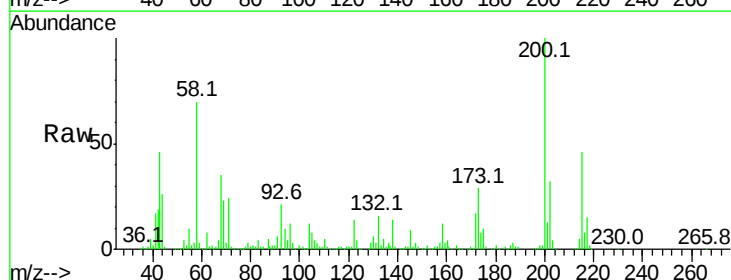
Tgt Ion:200 Resp: 277545

Ion Ratio Lower Upper

200 100

173 29.2 9.6 49.6

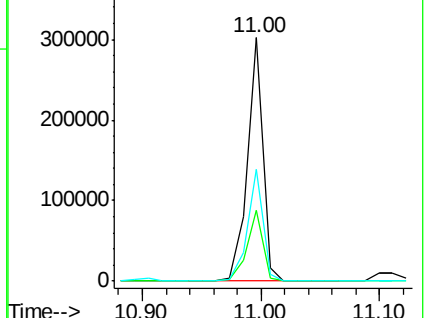
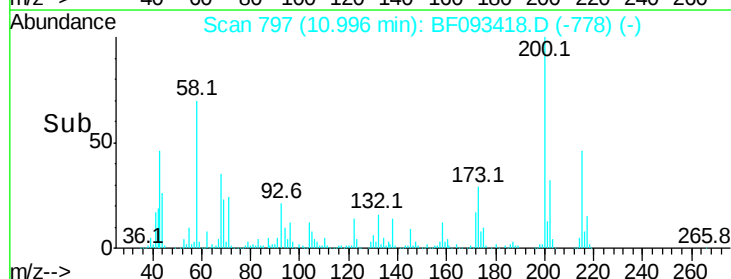
215 46.0 25.7 65.7

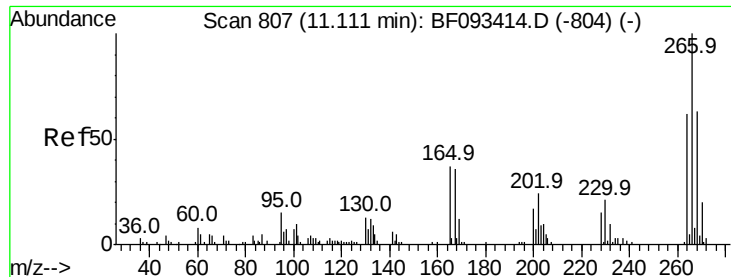


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

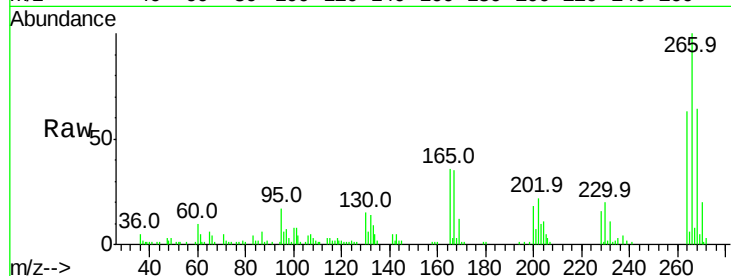




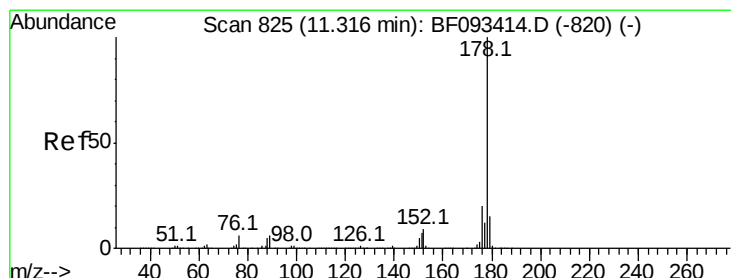
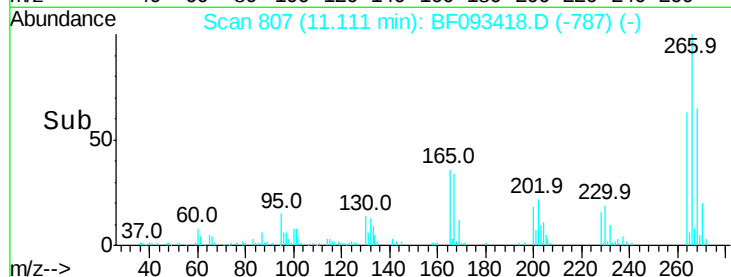
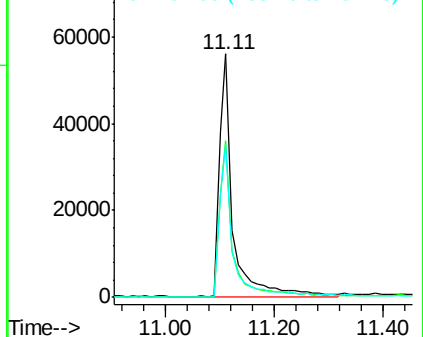
#69
 Pentachlorophenol
 Concen: 39.91 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.07 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion:266 Resp: 101614
 Ion Ratio Lower Upper
 266 100
 268 64.2 53.3 79.9
 264 62.7 50.3 75.5

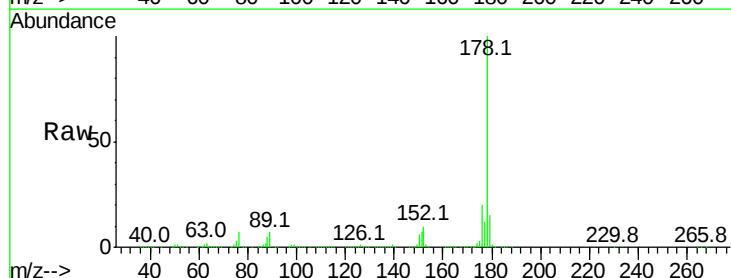


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

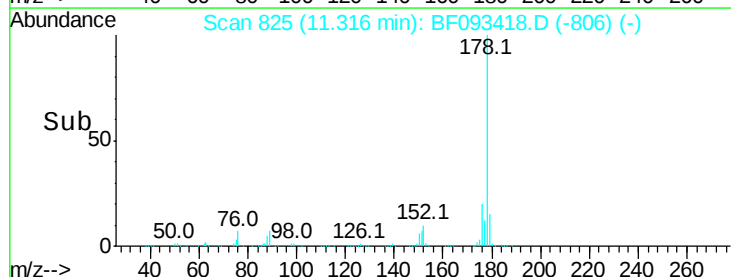
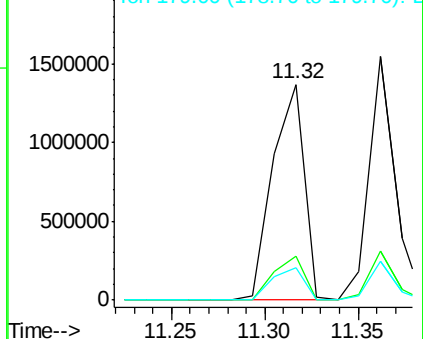


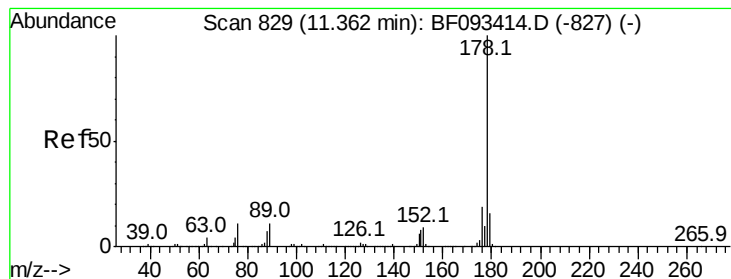
#70
 Phenanthrene
 Concen: 38.73 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.09 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion:178 Resp: 1614409
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.3 12.8 19.2



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





#71

Anthracene

Concen: 34.81 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.10 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

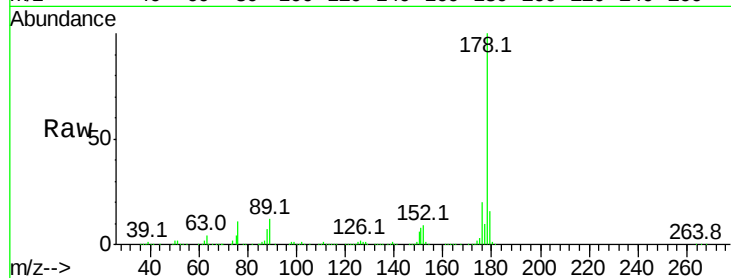
Tot Ion:178 Resp: 1467948

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

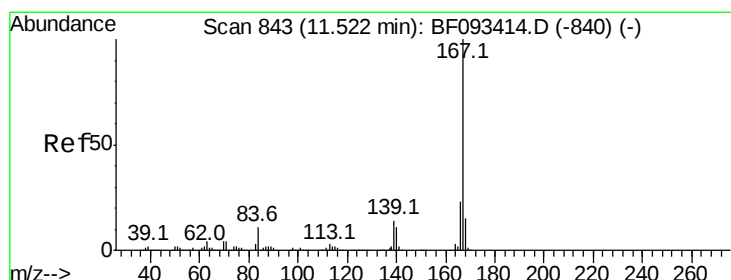
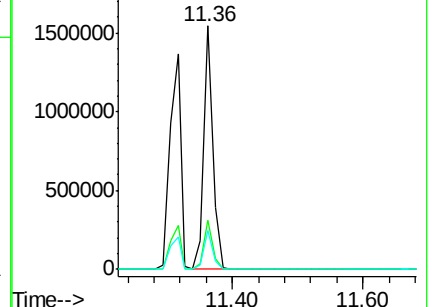
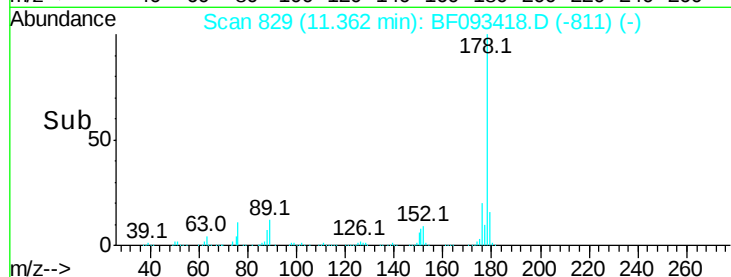
179 15.9 13.2 19.8



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: 36.19 ng

RT: 11.52 min Scan# 843

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

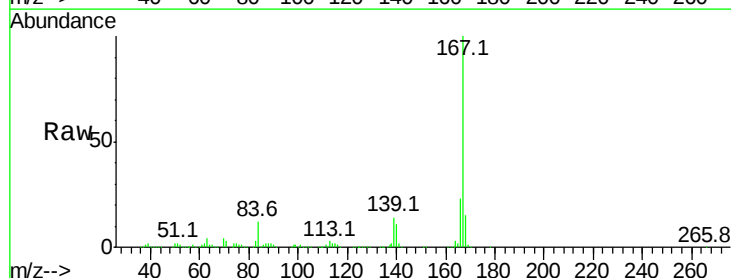
Tgt Ion:167 Resp: 1433448

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

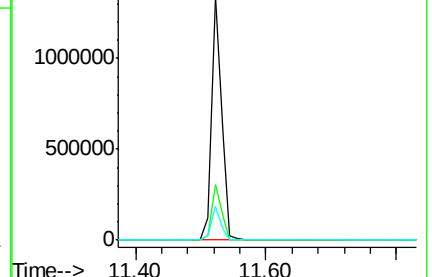
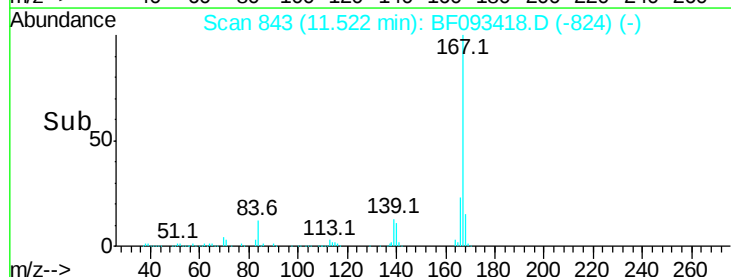
139 14.0 11.4 17.2

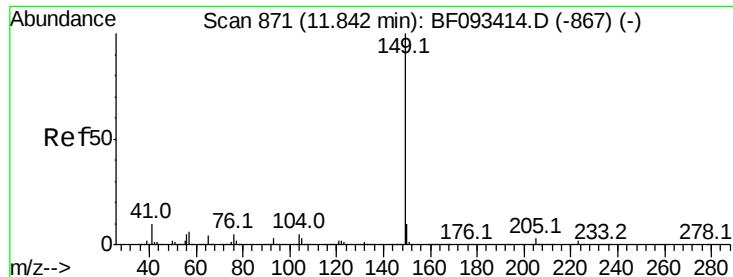


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.44 ng

RT: 11.84 min Scan# 871

Delta R.T. -0.10 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

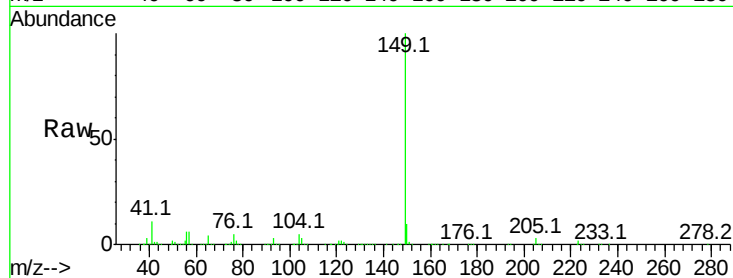
Tot Ion:149 Resp: 1670237

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

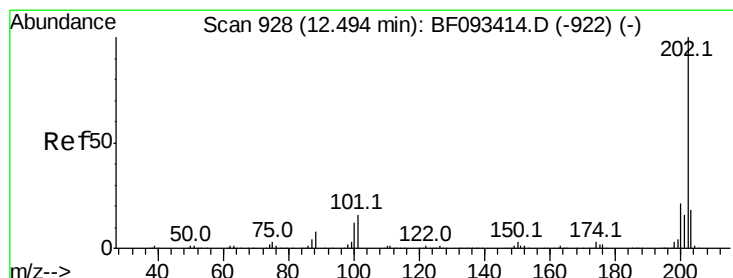
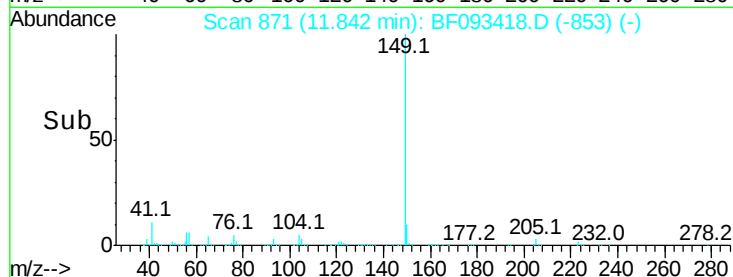
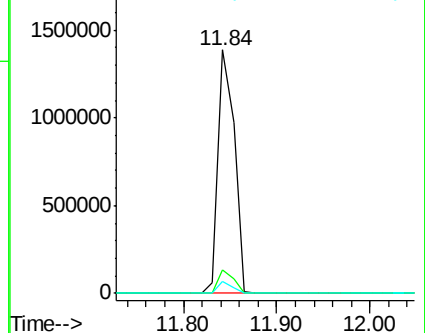
104 5.1 4.6 7.0



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: 39.37 ng

RT: 12.51 min Scan# 929

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

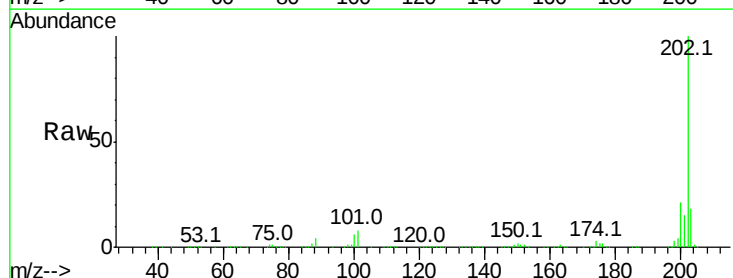
Tgt Ion:202 Resp: 1585156

Ion Ratio Lower Upper

202 100

101 8.0 0.0 34.6

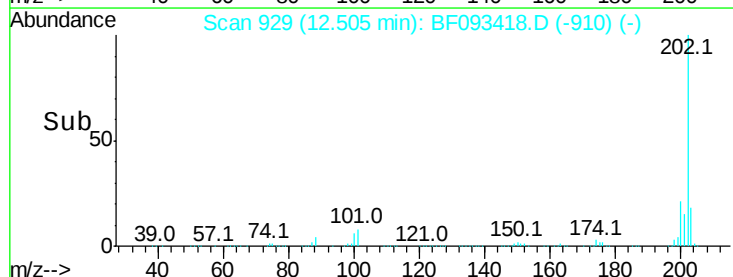
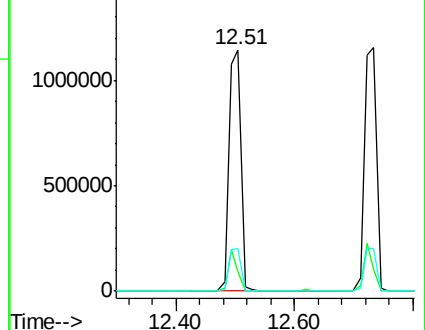
203 17.7 0.0 38.7

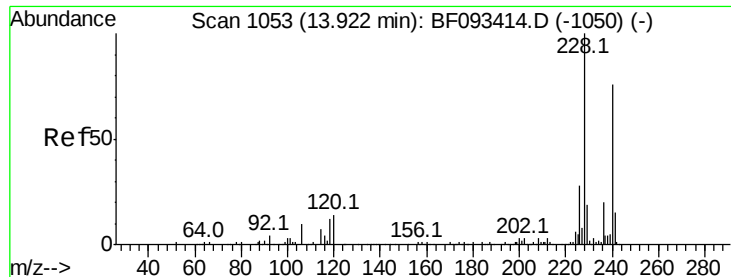


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. -0.09 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

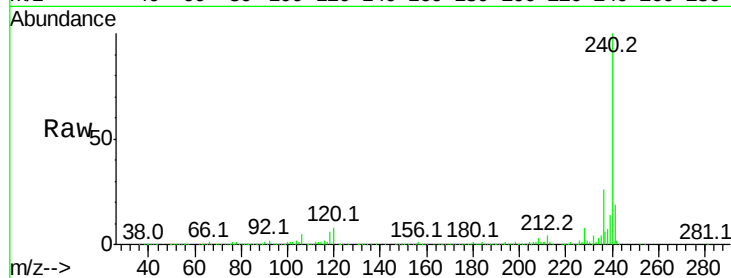
Tot Ion:240 Resp: 553409

Ion Ratio Lower Upper

240 100

120 7.6 12.9 19.3#

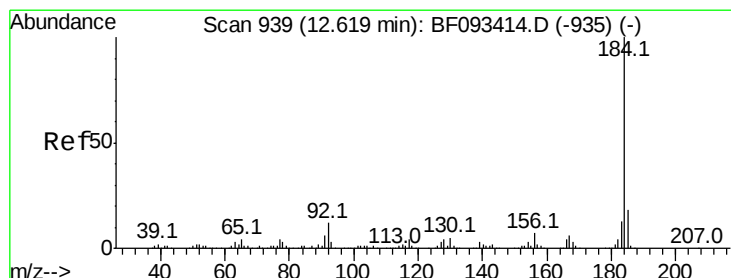
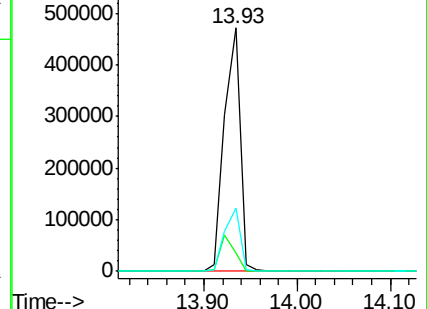
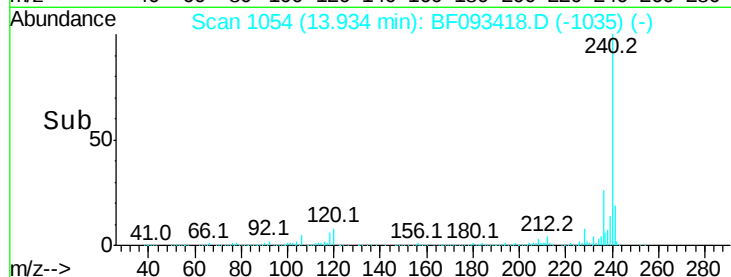
236 25.8 20.9 31.3



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: 39.03 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.10 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

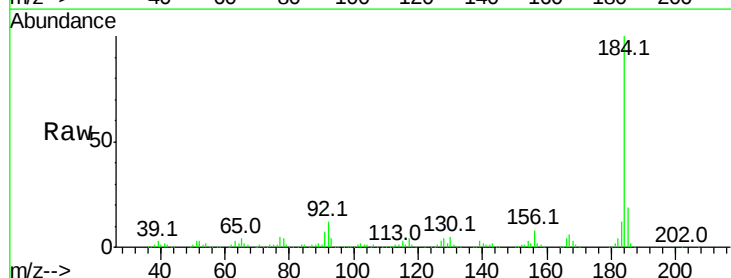
Tgt Ion:184 Resp: 710204

Ion Ratio Lower Upper

184 100

185 18.8 13.4 20.0

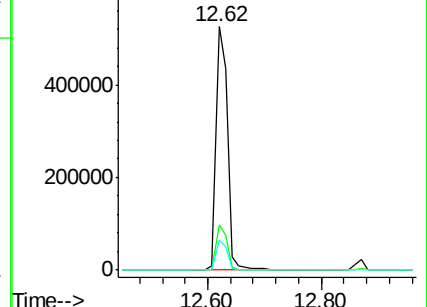
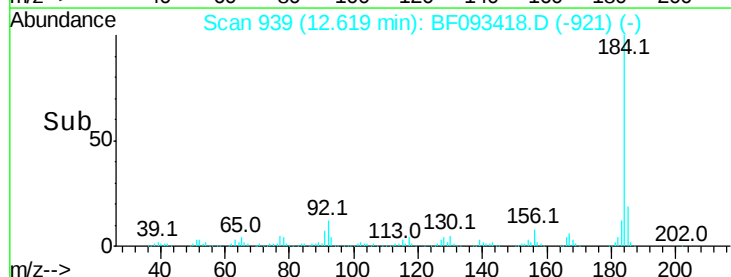
183 12.2 9.2 13.8

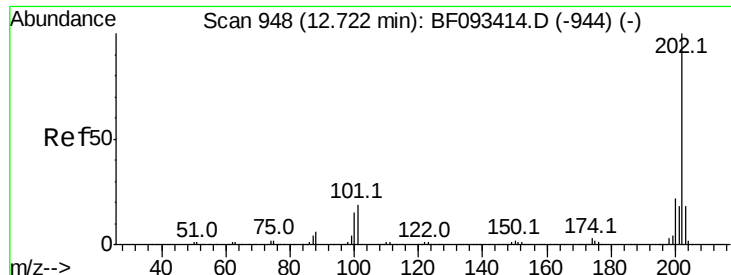


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

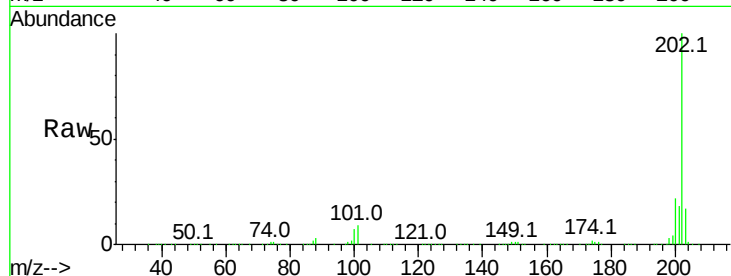




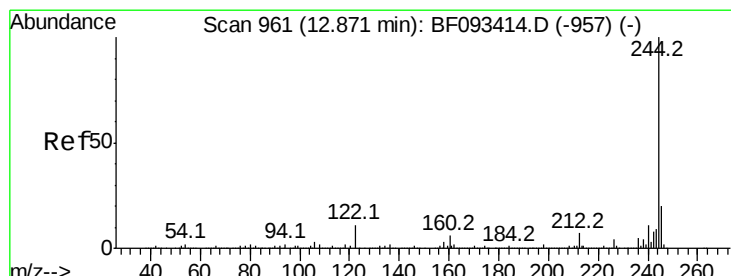
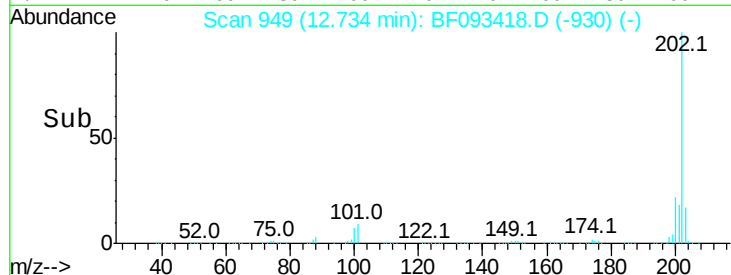
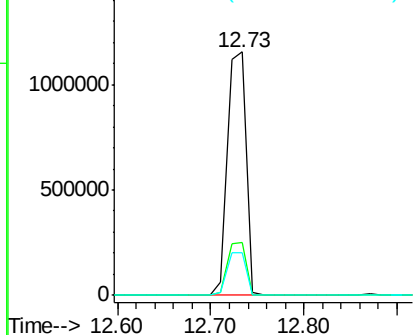
#77
Pvrene
Concen: 40.35 ng
RT: 12.73 min Scan# 949
Delta R.T. -0.09 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
ICVBF030717

Tot Ion:202 Resp: 1624077
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 17.5 14.7 22.1

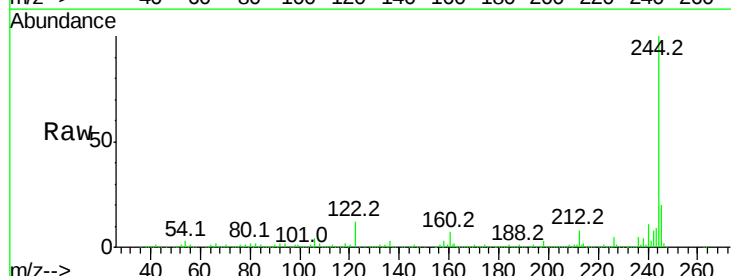


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

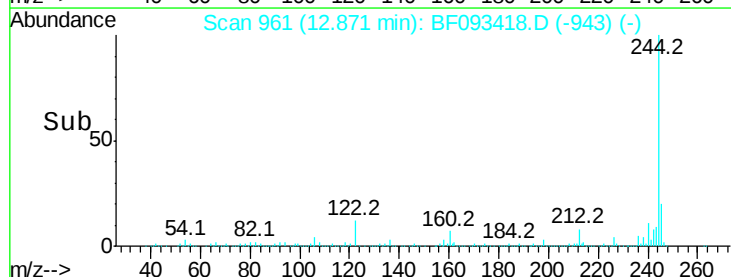
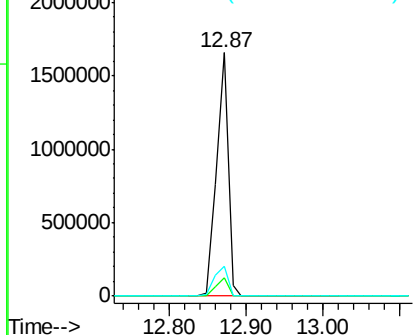


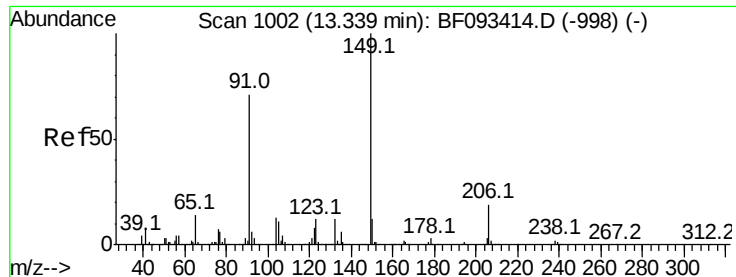
#78
Terphenyl-d14
Concen: 81.45 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.10 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion:244 Resp: 1733674
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 12.0 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

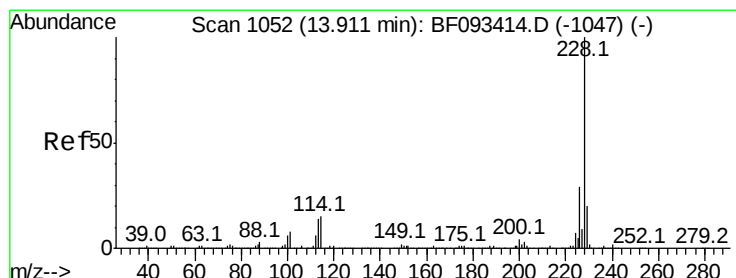
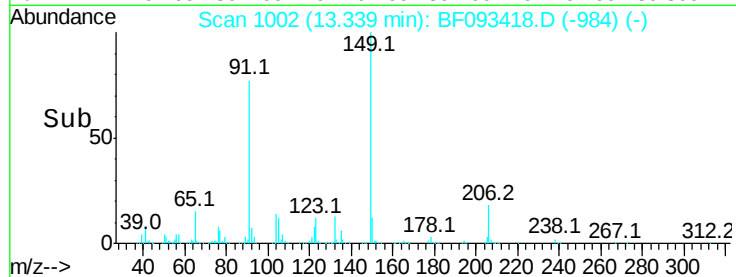
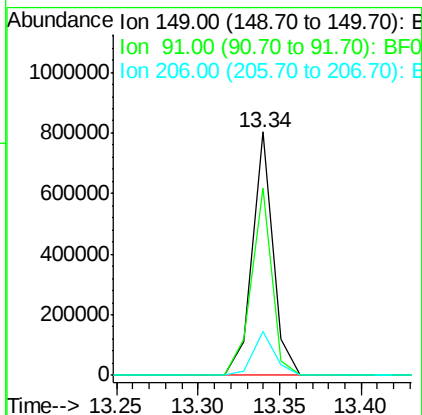
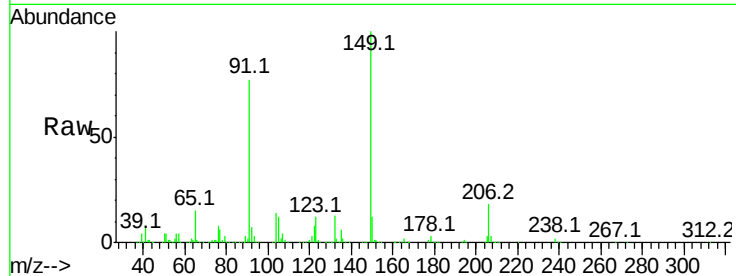




#79
Butylbenzylphthalate
Concen: 41.85 ng
RT: 13.34 min Scan# 1002
Delta R.T. -0.10 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

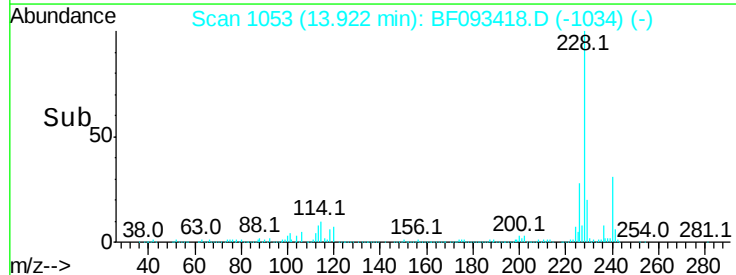
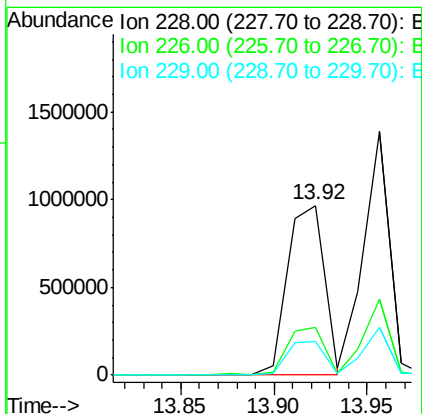
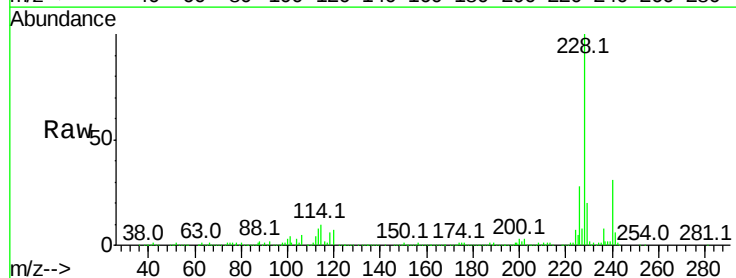
Instrument :
BNA_F
ClientSampleId :
ICVBF030717

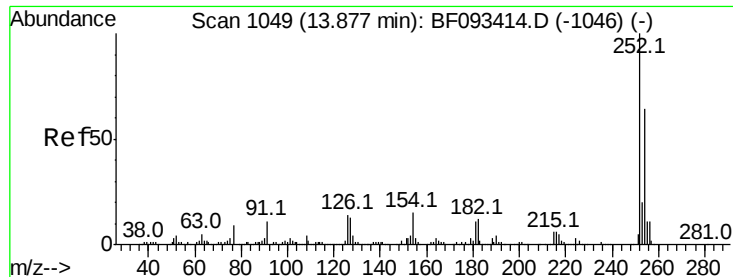
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.9	63.9	95.9
206	18.3	14.6	21.8



#80
Benzo(a)anthracene
Concen: 41.07 ng
RT: 13.92 min Scan# 1053
Delta R.T. -0.09 min
Lab File: BF093418.D
Acq: 7 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	19.6	16.2	24.4

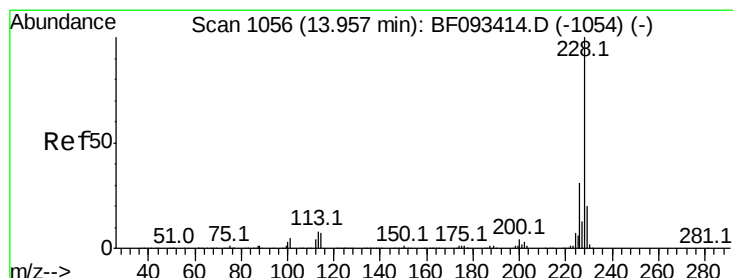
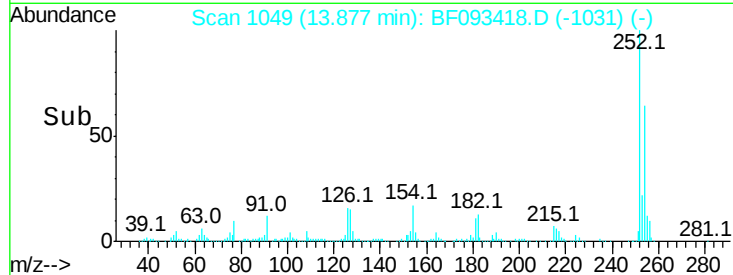
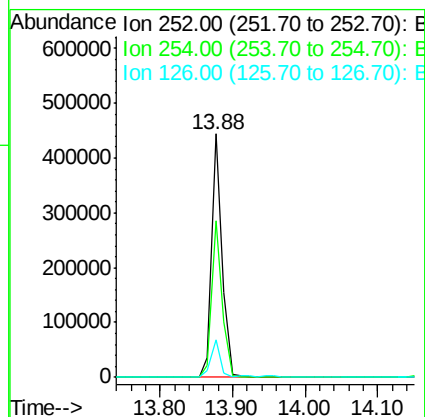
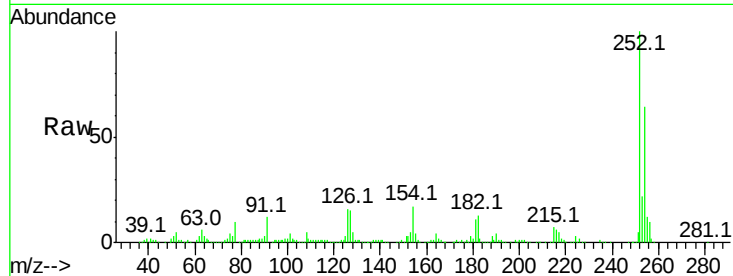




#81
 3,3'-Dichlorobenzidine
 Concen: 38.86 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. -0.10 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

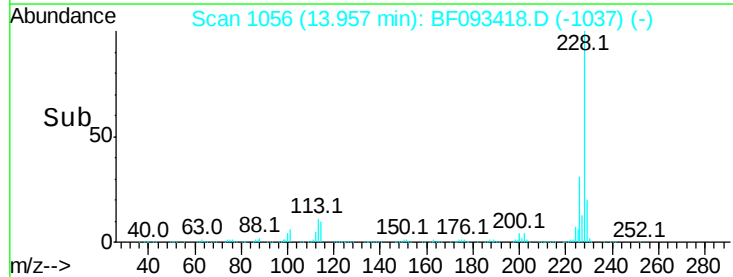
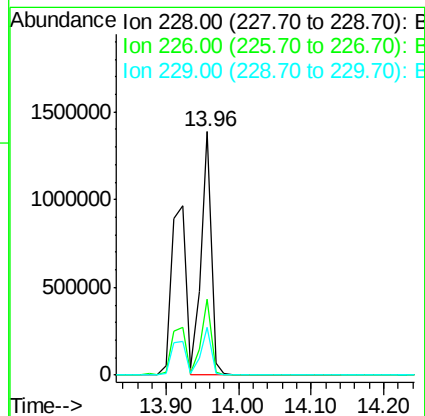
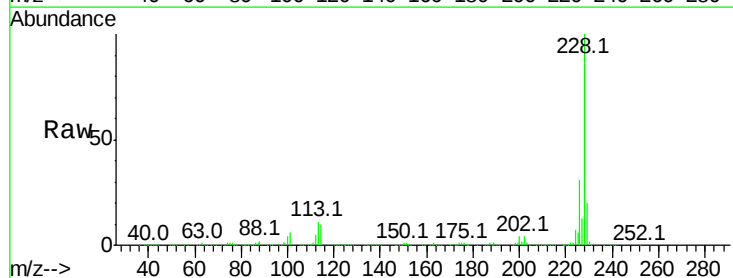
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

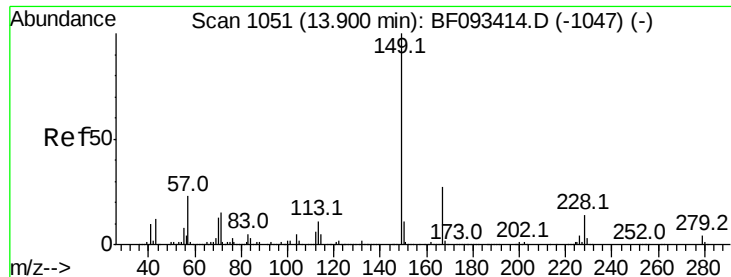
Tot Ion:252 Resp: 444797
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.3 78.5
 126 15.6 13.6 20.4



#82
 Chrysene
 Concen: 44.32 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.09 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion:228 Resp: 1340144
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 19.9 16.2 24.2

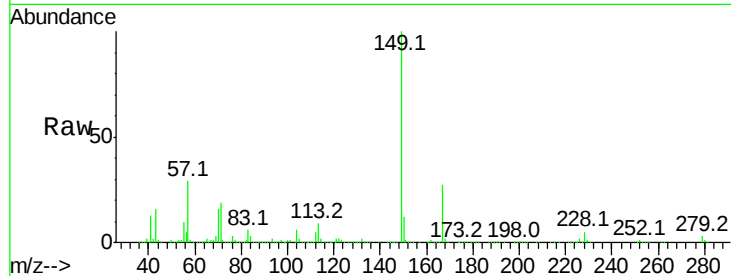




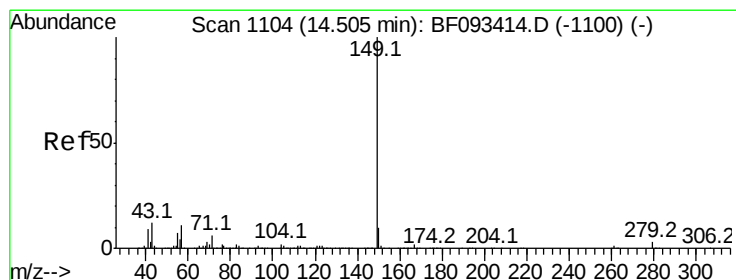
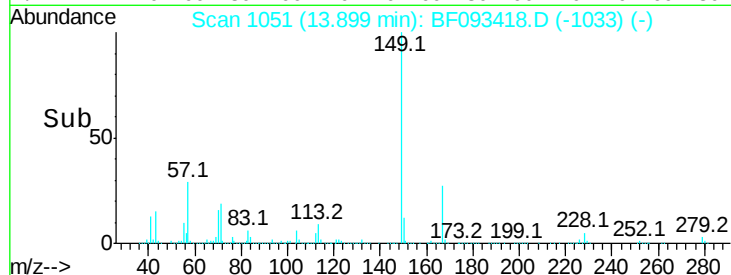
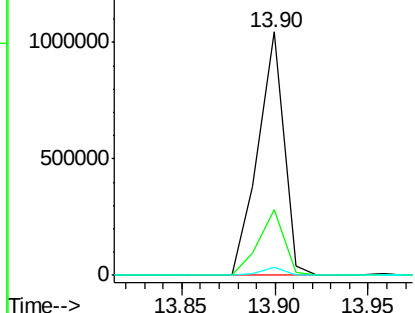
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.89 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.10 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion:149 Resp: 1012845
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.2 30.4
 279 3.2 1.8 2.8#

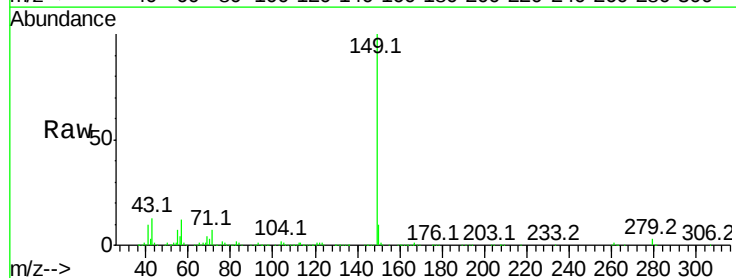


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

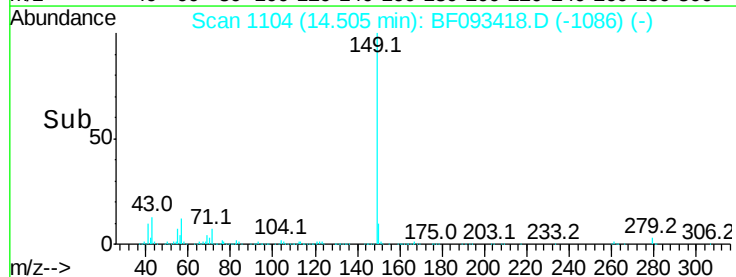
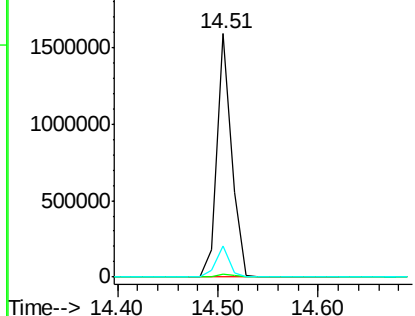


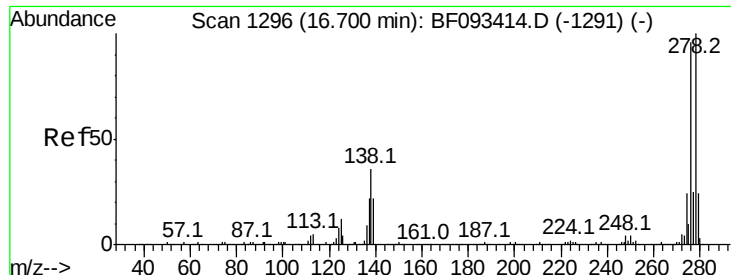
#84
 Di-n-octyl phthalate
 Concen: 40.94 ng
 RT: 14.51 min Scan# 1104
 Delta R.T. -0.10 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion:149 Resp: 1611548
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.2 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

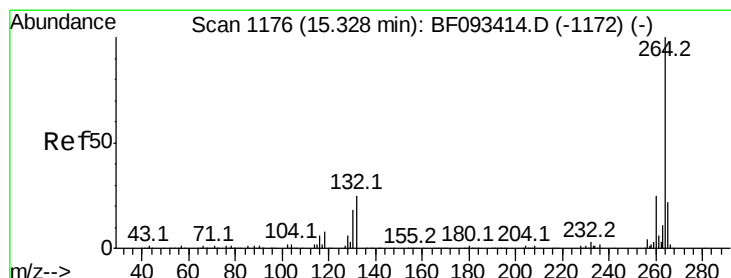
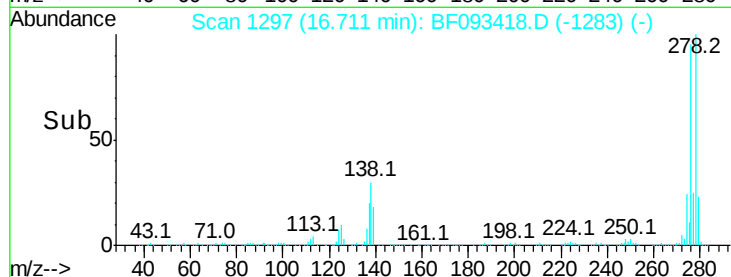
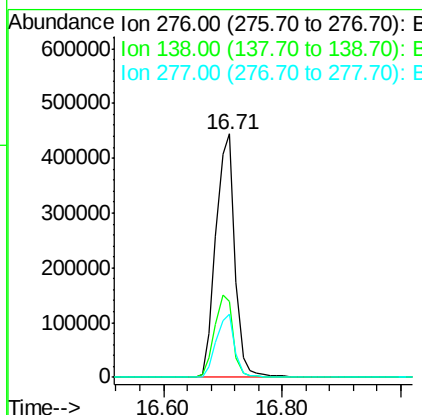
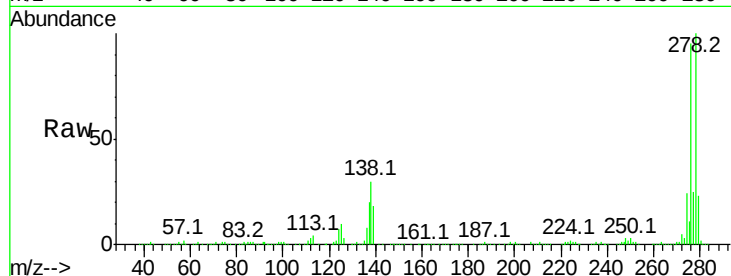




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.28 ng
 RT: 16.71 min Scan# 1297
 Delta R.T. -0.14 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

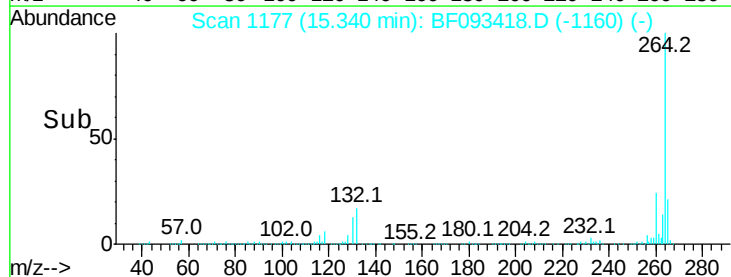
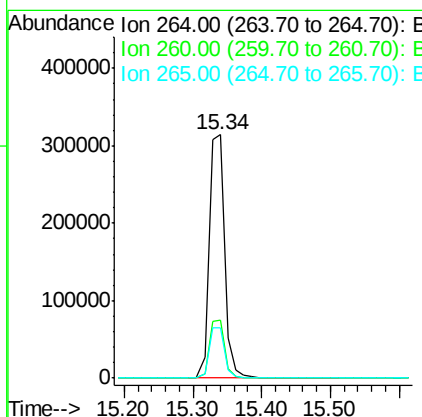
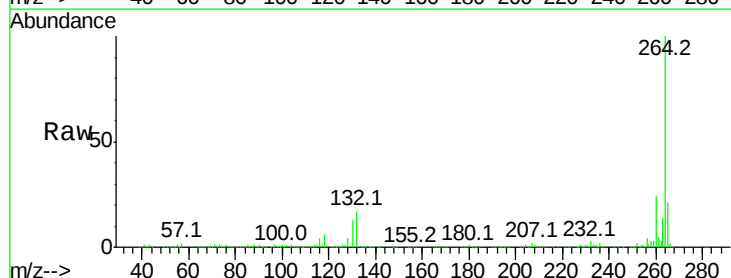
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

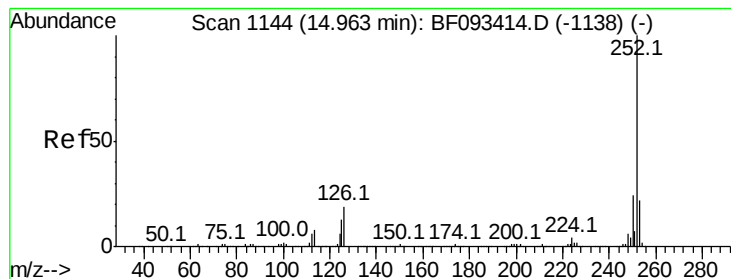
Tot Ion:276 Resp: 994208
 Ion Ratio Lower Upper
 276 100
 138 33.4 21.8 32.6#
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. -0.11 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Tgt Ion:264 Resp: 494993
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.8 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 73.70 ng

RT: 14.94 min Scan# 1142

Delta R.T. -0.10 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

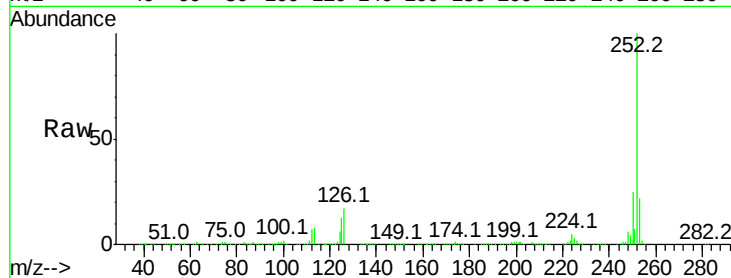
Tot Ion:252 Resp: 2221945

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

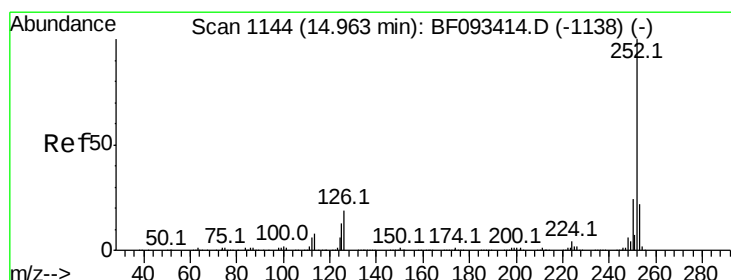
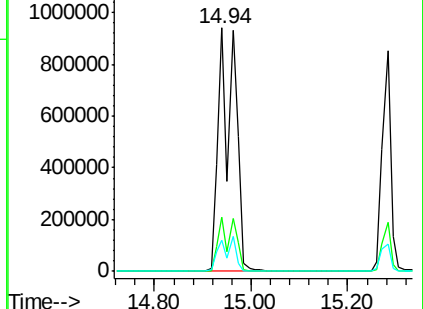
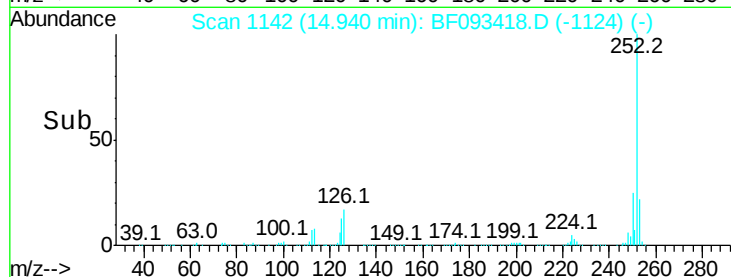
125 12.9 9.8 14.6



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: 76.43 ng

RT: 14.94 min Scan# 1142

Delta R.T. -0.13 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

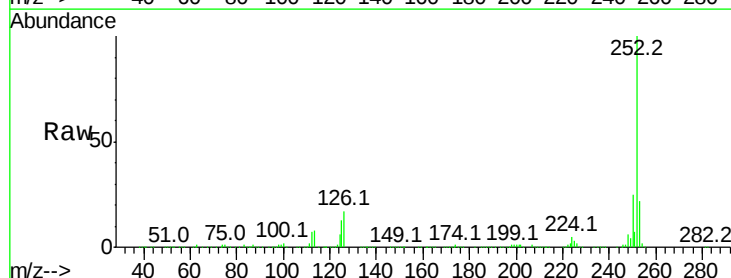
Tgt Ion:252 Resp: 2221945

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

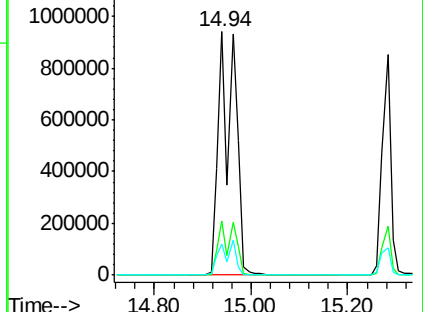
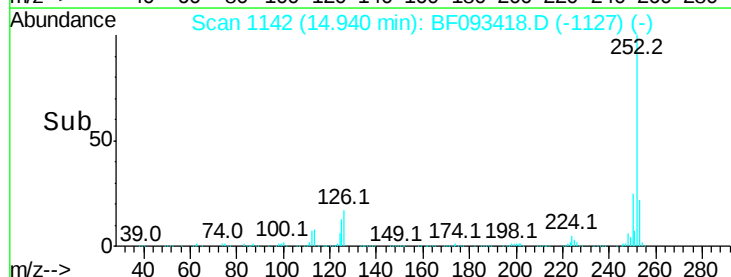
125 12.9 8.9 13.3

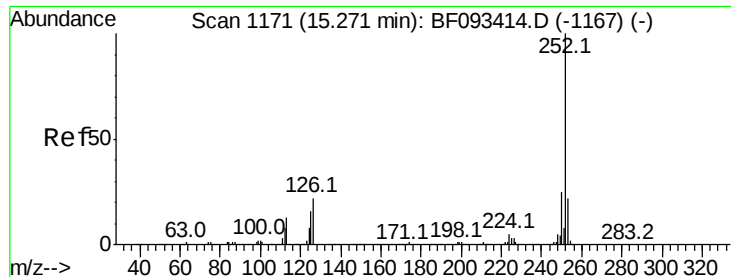


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.29 ng

RT: 15.28 min Scan# 1172

Delta R.T. -0.11 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ICVBF030717

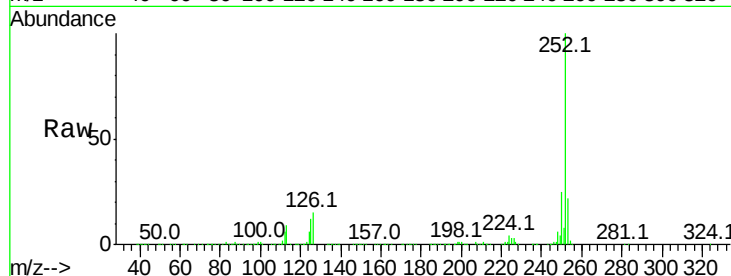
Tot Ion:252 Resp: 1054948

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

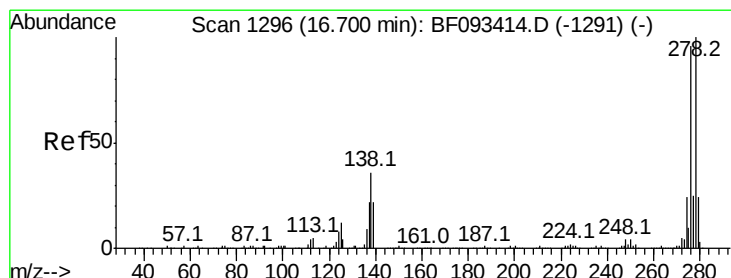
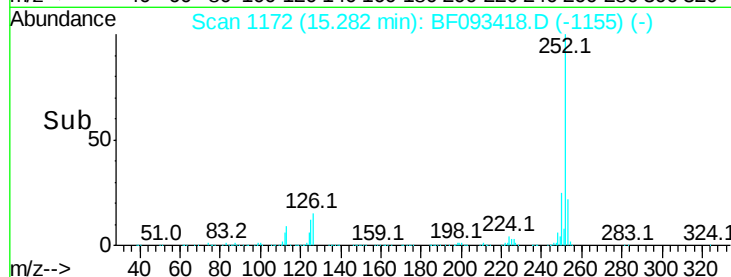
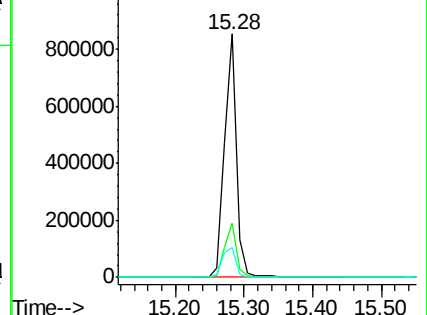
125 12.4 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.45 ng

RT: 16.71 min Scan# 1297

Delta R.T. -0.15 min

Lab File: BF093418.D

Acq: 7 Mar 2017 14:15

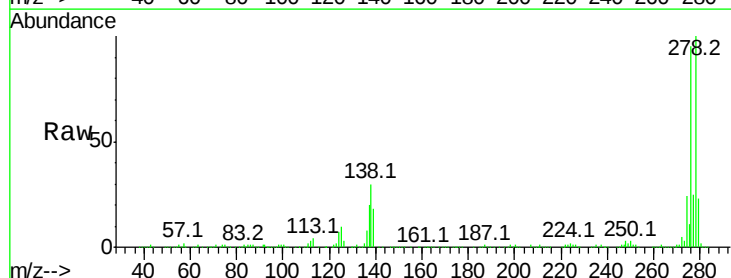
Tgt Ion:278 Resp: 853608

Ion Ratio Lower Upper

278 100

139 18.1 14.8 22.2

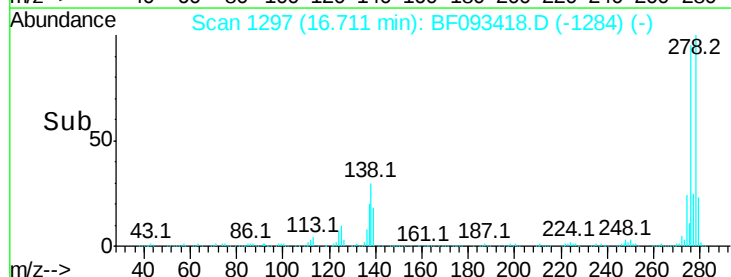
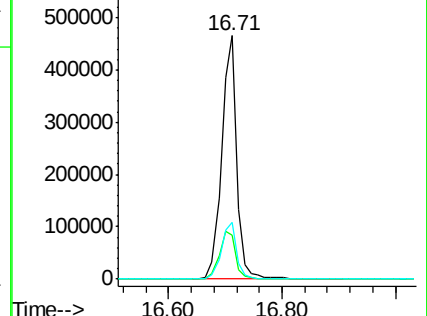
279 23.3 19.8 29.6

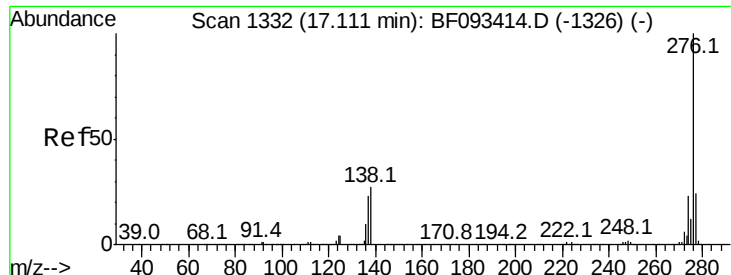


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.97 ng
 RT: 17.11 min Scan# 1332
 Delta R.T. -0.18 min
 Lab File: BF093418.D
 Acq: 7 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030717

Tot Ion: 276 Resp: 888302
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.2 28.8
 138 30.7 16.0 24.0#

