

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093816.D
 Acq On : 22 Mar 2017 5:00
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 22 07:01:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	194513	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	810479	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	344132	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	549097	20.00	ng	0.00
75) Chrysene-d12	13.97	240	324639	20.00	ng	0.00
86) Perylene-d12	15.37	264	347330	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	872512	78.44	ng	0.00
7) Phenol-d6	6.46	99	1128503	82.11	ng	0.00
23) Nitrobenzene-d5	7.40	82	1190109	83.30	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	222716	83.56	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1735280	84.79	ng	0.00
78) Terphenyl-d14	12.93	244	1327530	83.37	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	228108	40.47	ng	98
3) Pyridine	3.10	79	615831	40.78	ng	98
4) n-Nitrosodimethylamine	3.04	42	266847	40.98	ng	96
6) Aniline	6.48	93	813843	42.35	ng	# 87
8) 2-Chlorophenol	6.61	128	502812	41.10	ng	93
9) Benzaldehyde	6.37	77	392543	40.40	ng	97
10) Phenol	6.47	94	584669	37.84	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	468634	37.36	ng	96
12) 1,3-Dichlorobenzene	6.77	146	545884	39.34	ng	98
13) 1,4-Dichlorobenzene	6.85	146	591144	41.76	ng	97
14) 1,2-Dichlorobenzene	6.85	146	591144	45.52	ng	95
15) Benzyl Alcohol	6.97	79	454396	44.62	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	786076	39.41	ng	100
17) 2-Methylphenol	7.09	107	448555	41.78	ng	97
18) Hexachloroethane	7.35	117	206361	41.12	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	338708	37.61	ng	96
20) 3+4-Methylphenols	7.25	107	545495	42.91	ng	# 85
22) Acetophenone	7.24	105	683177	38.93	ng	97
24) Nitrobenzene	7.41	77	512510	37.55	ng	96
25) Isophorone	7.66	82	1021166	40.35	ng	# 93
26) 2-Nitrophenol	7.73	139	263671	42.72	ng	# 90
27) 2,4-Dimethylphenol	7.77	122	499780	39.37	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	584549	35.89	ng	99
29) 2,4-Dichlorophenol	7.97	162	417024	38.59	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	446146	39.76	ng	99
31) Naphthalene	8.14	128	1573897	41.84	ng	99
32) Benzoic acid	7.88	122	207485	26.28	ng	100
33) 4-Chloroaniline	8.18	127	670570	41.48	ng	# 93
34) Hexachlorobutadiene	8.26	225	230758	39.10	ng	98
35) Caprolactam	8.55	113	139175	41.03	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	438896	39.20	ng	85
37) 2-Methylnaphthalene	8.82	142	933717	38.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	395012	43.34	ng	99
40) Hexachlorocyclopentadiene	8.98	237	94920	20.64	ng	99

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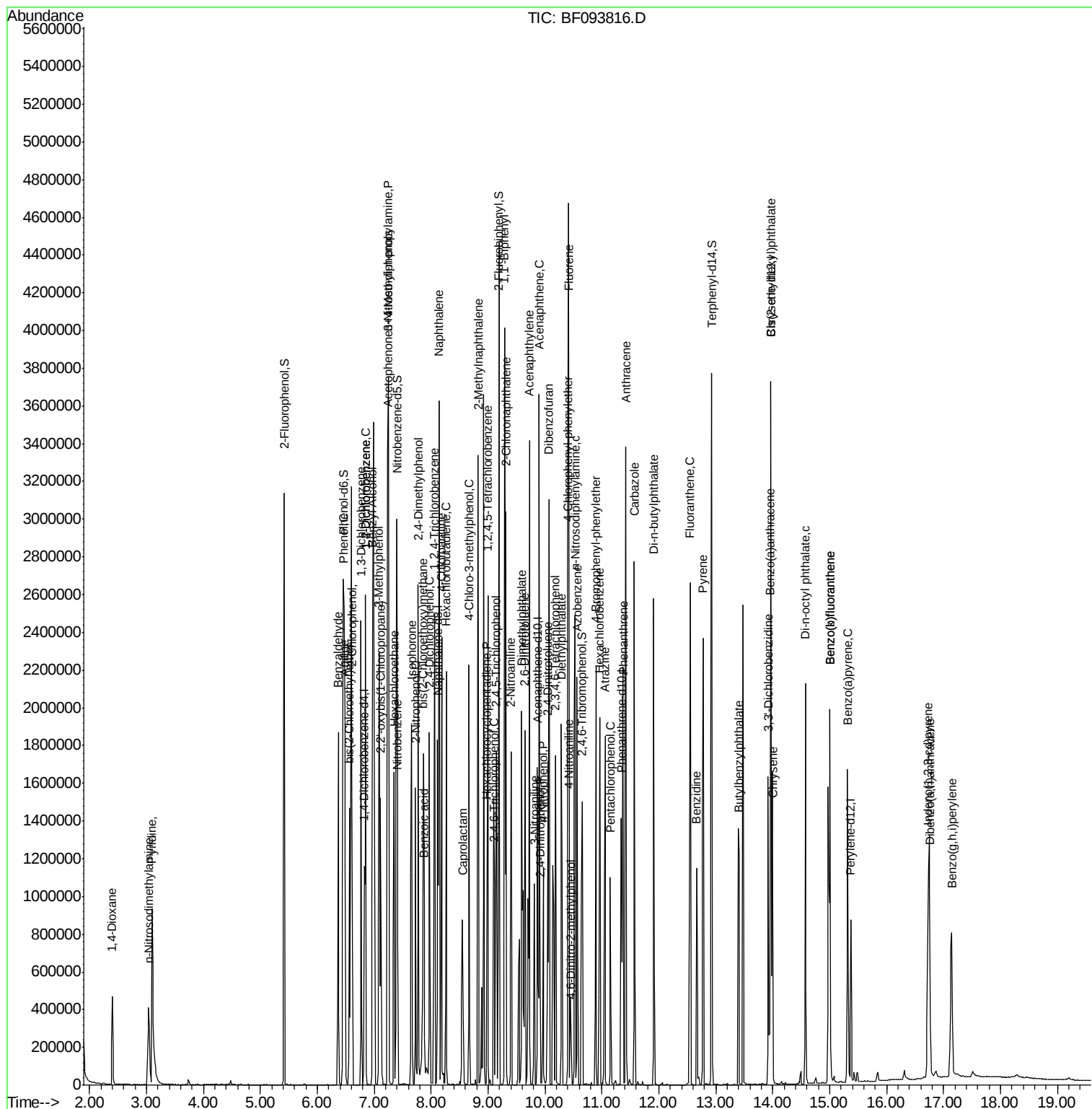
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	279237	42.21	nq	97
43) 2,4,5-Trichlorophenol	9.14	196	308372	44.90	nq	# 89
45) 1,1'-Biphenyl	9.29	154	1158012	41.40	nq	98
46) 2-Chloronaphthalene	9.32	162	922070	43.00	nq	95
47) 2-Nitroaniline	9.41	65	304759	50.89	nq	# 78
48) Acenaphthylene	9.73	152	1404756	40.25	nq	100
49) Dimethylphthalate	9.59	163	961895	39.28	nq	99
50) 2,6-Dinitrotoluene	9.65	165	224060	41.67	nq	# 82
51) Acenaphthene	9.90	154	799902	38.38	nq	100
52) 3-Nitroaniline	9.82	138	300074	46.49	nq	# 69
53) 2,4-Dinitrophenol	9.91	184	32136	15.23	nq	# 1
54) Dibenzofuran	10.07	168	1169630	41.70	nq	99
55) 4-Nitrophenol	9.97	139	177746	36.66	nq	# 69
56) 2,4-Dinitrotoluene	10.05	165	300114	43.97	nq	# 85
57) Fluorene	10.41	166	889190	41.39	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	182881	38.76	nq	98
59) Diethylphthalate	10.29	149	972704	40.75	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	383022	42.30	nq	95
61) 4-Nitroaniline	10.42	138	262219	45.42	nq	99
62) Azobenzene	10.56	77	851712	36.08	nq	99
64) 4,6-Dinitro-2-methylphenol	10.46	198	67088	21.09	nq	# 44
65) n-Nitrosodiphenylamine	10.53	169	856302	46.78	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	227625	43.07	nq	95
67) Hexachlorobenzene	10.96	284	231795	42.53	nq	# 87
68) Atrazine	11.05	200	261458	46.53	nq	97
69) Pentachlorophenol	11.14	266	118150	37.07	nq	97
70) Phenanthrene	11.37	178	1235869	42.26	nq	98
71) Anthracene	11.42	178	1241375	41.23	nq	99
72) Carbazole	11.57	167	1113993	37.37	nq	100
73) Di-n-butylphthalate	11.91	149	1333345	41.56	nq	100
74) Fluoranthene	12.55	202	1096857	36.49	nq	99
76) Benzidine	12.67	184	456911	32.08	nq	95
77) Pyrene	12.78	202	1140936	42.23	nq	99
79) Butylbenzylphthalate	13.41	149	479602	39.72	nq	94
80) Benzo(a)anthracene	13.96	228	776445	38.18	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	303191	39.57	nq	98
82) Chrysene	14.00	228	766469	37.73	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	569155	39.14	nq	99
84) Di-n-octyl phthalate	14.57	149	1017613	38.35	nq	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	749845	45.07	nq	98
87) Benzo(b)fluoranthene	15.01	252	1628412	69.55	nq	99
88) Benzo(k)fluoranthene	15.01	252	1628781	94.20	nq	# 95
89) Benzo(a)pyrene	15.32	252	773127	40.72	nq	98
90) Dibenzo(a,h)anthracene	16.76	278	649122	41.17	nq	98
91) Benzo(g,h,i)perylene	17.15	276	609126	38.93	nq	96

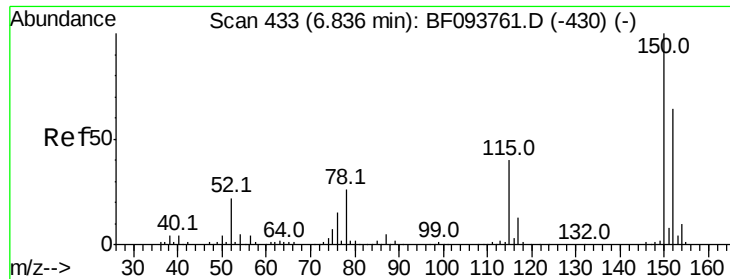
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

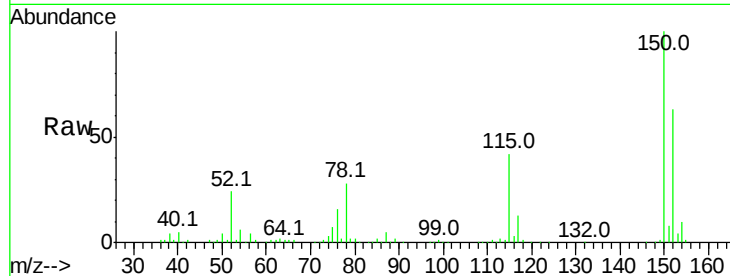
Tot Ion:152 Resp: 194513

Ion Ratio Lower Upper

152 100

150 158.6 126.2 189.2

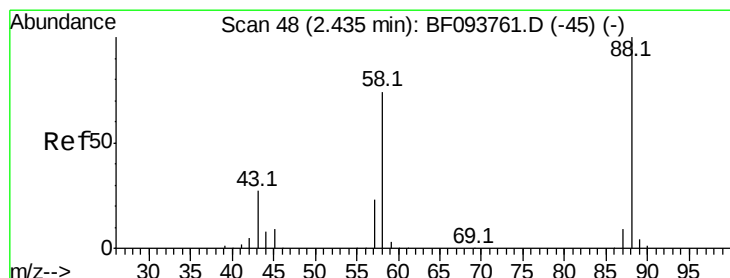
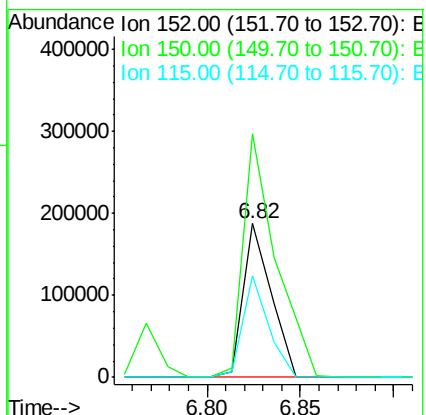
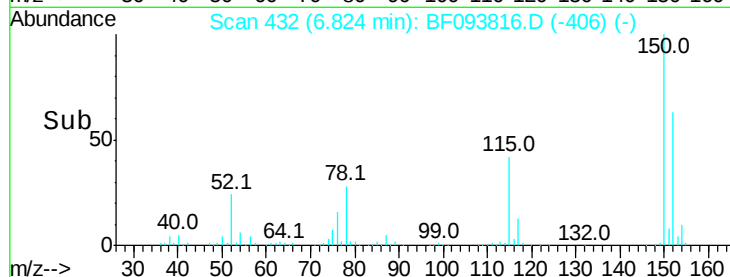
115 66.5 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.47 ng

RT: 2.40 min Scan# 45

Delta R.T. -0.01 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

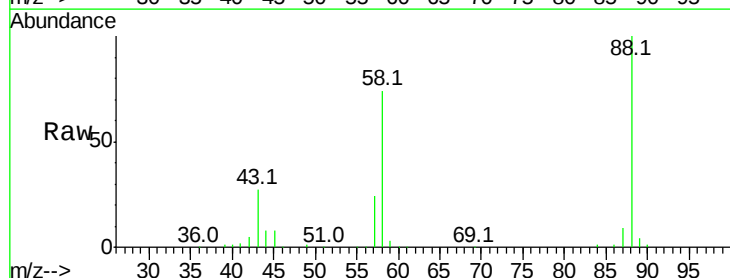
Tgt Ion: 88 Resp: 228108

Ion Ratio Lower Upper

88 100

58 75.4 61.4 92.0

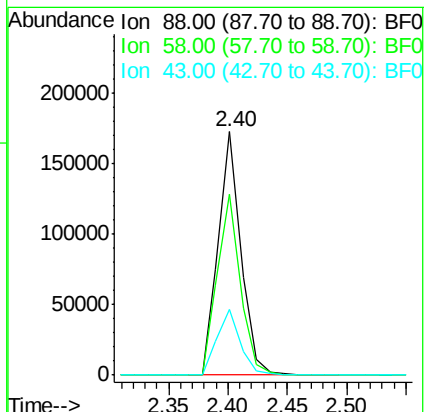
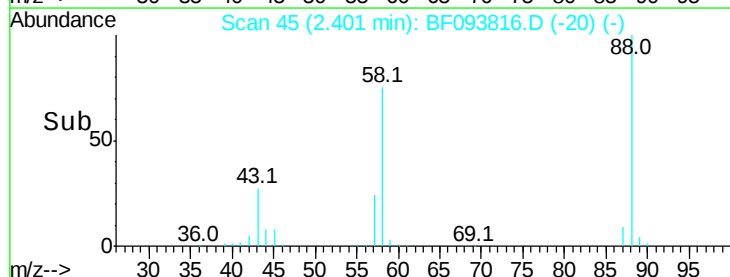
43 27.3 23.4 35.0

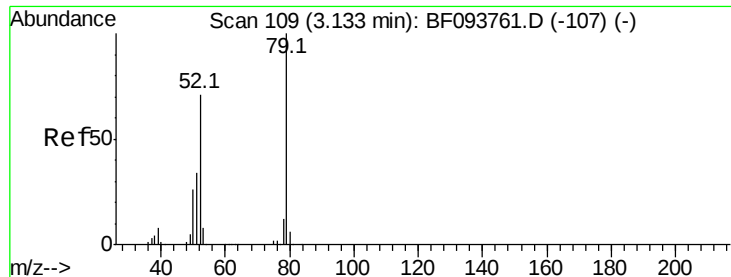


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

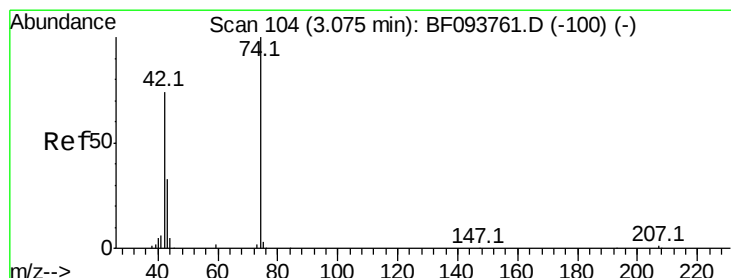
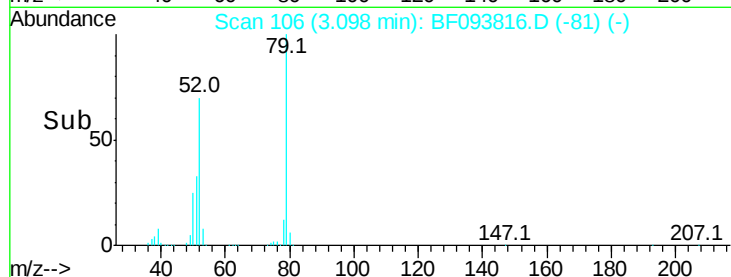
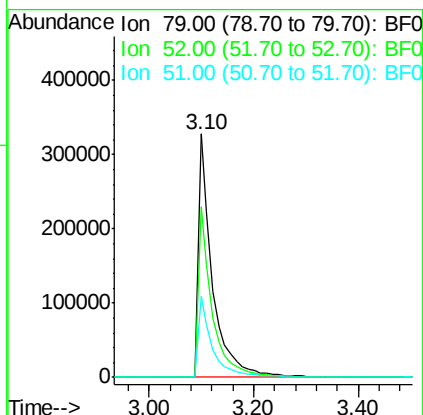
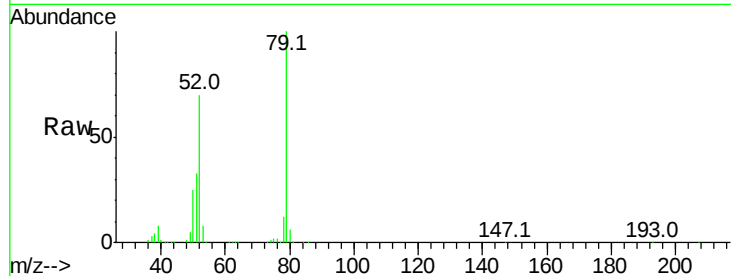




#3
 Pvridine
 Concen: 40.78 ng
 RT: 3.10 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

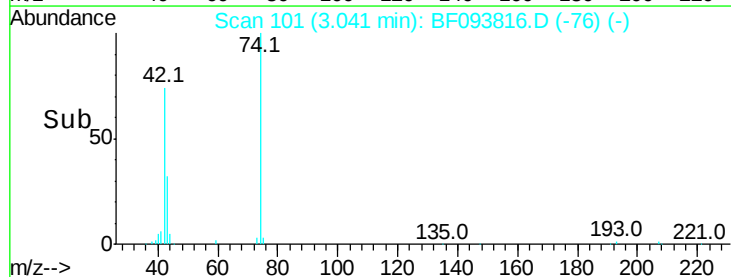
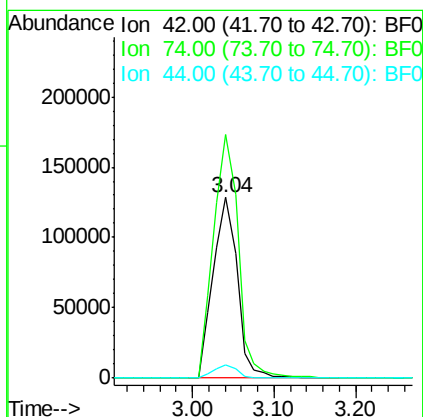
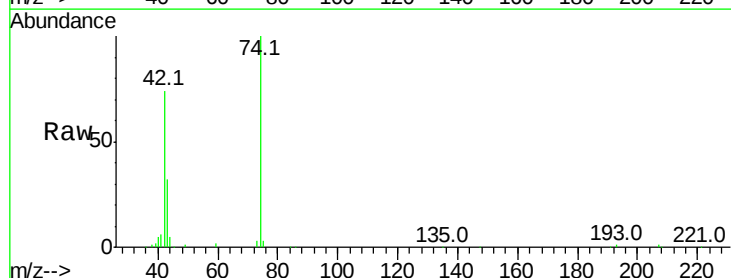
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

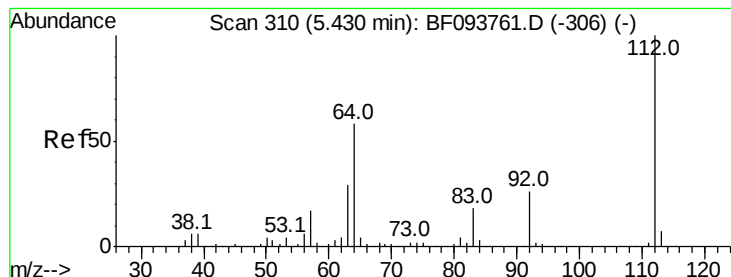
Tot Ion: 79 Resp: 615831
 Ion Ratio Lower Upper
 79 100
 52 70.1 54.8 82.2
 51 33.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 40.98 ng
 RT: 3.04 min Scan# 101
 Delta R.T. -0.01 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

Tgt Ion: 42 Resp: 266847
 Ion Ratio Lower Upper
 42 100
 74 134.8 103.9 155.9
 44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 78.44 ng

RT: 5.42 min Scan# 309

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

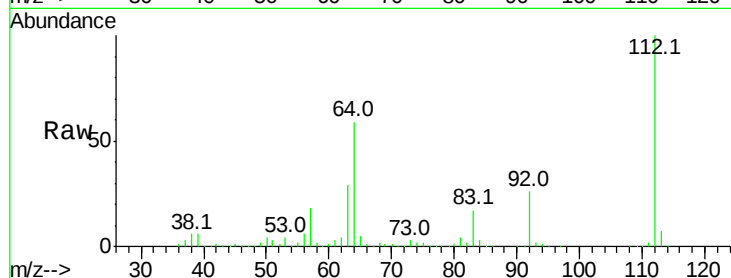
Tot Ion:112 Resp: 872512

Ion Ratio Lower Upper

112 100

64 59.0 46.0 69.0

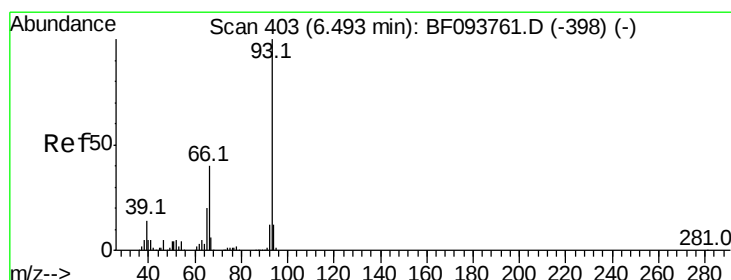
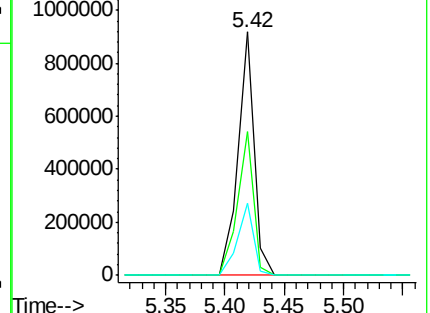
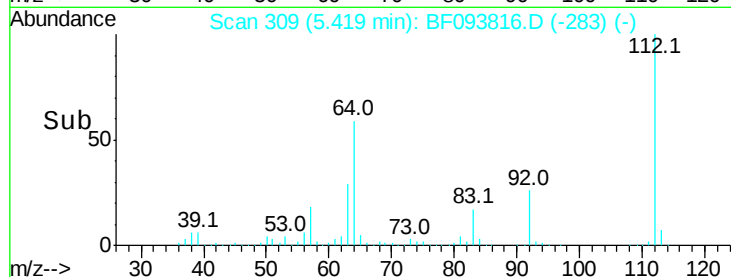
63 29.4 23.4 35.0



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: 42.35 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

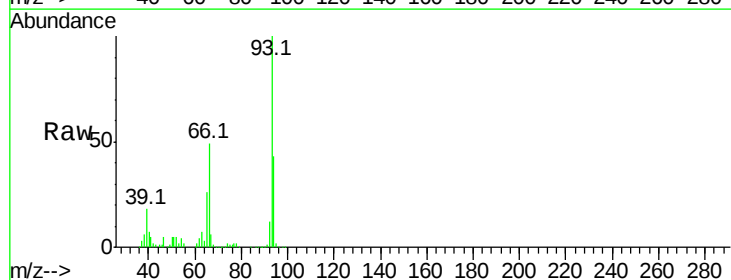
Tgt Ion: 93 Resp: 813843

Ion Ratio Lower Upper

93 100

66 48.8 32.9 49.3

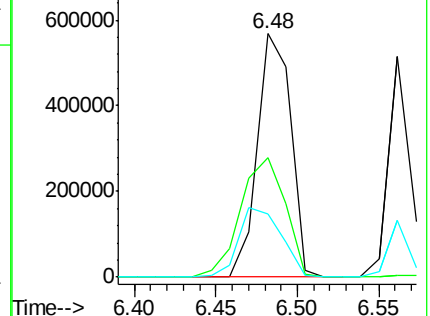
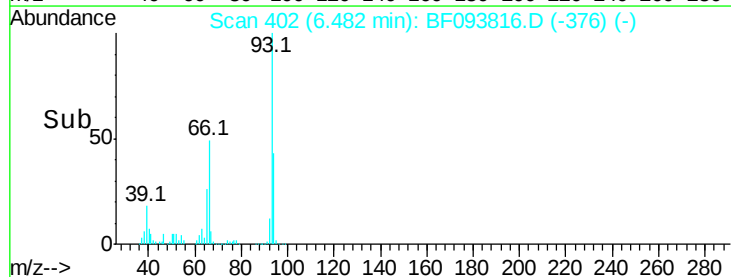
65 25.9 16.0 24.0#

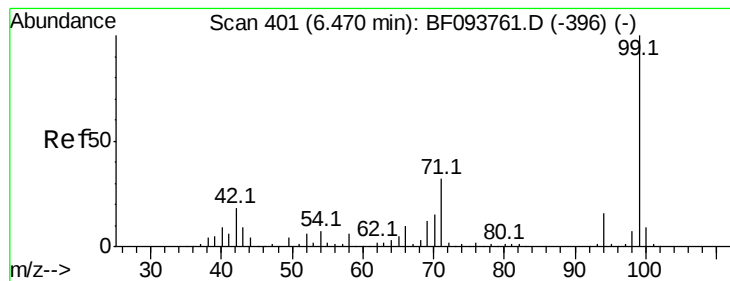


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.11 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

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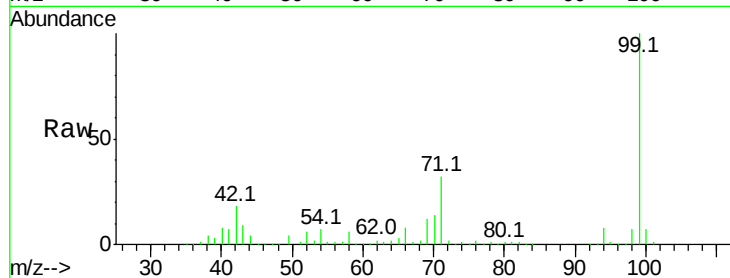
Tot Ion: 99 Resp: 1128503

Ion Ratio Lower Upper

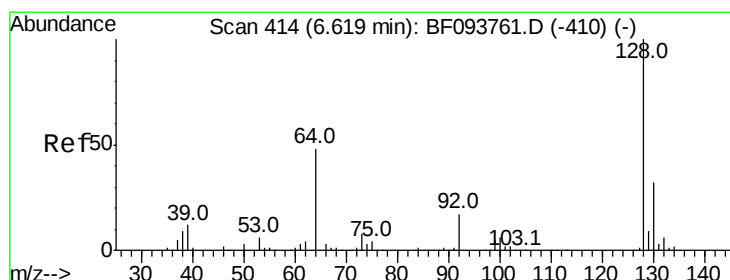
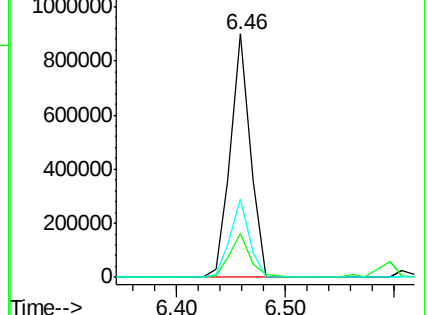
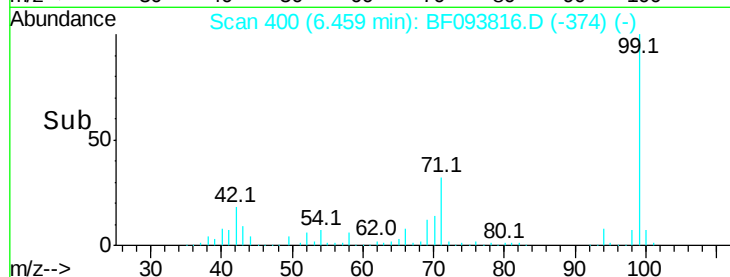
99 100

42 18.3 13.5 20.3

71 32.4 24.5 36.7



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: 41.10 ng

RT: 6.61 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

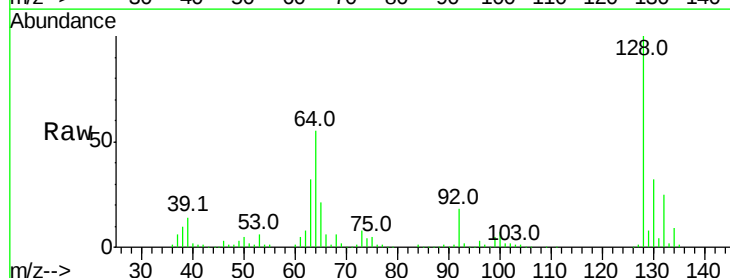
Tgt Ion: 128 Resp: 502812

Ion Ratio Lower Upper

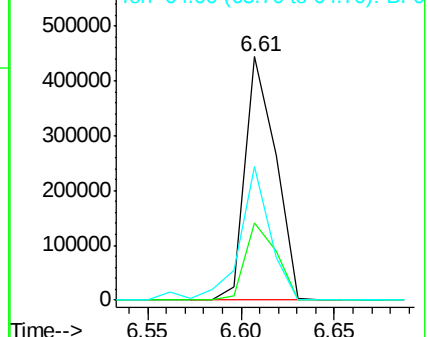
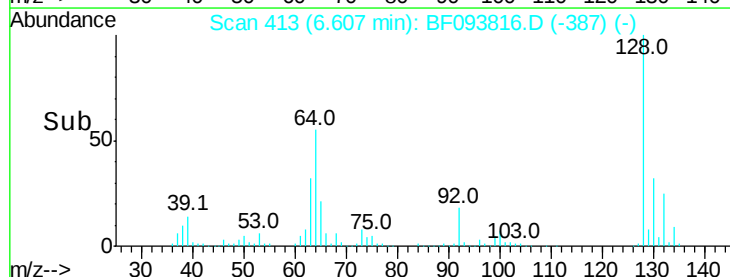
128 100

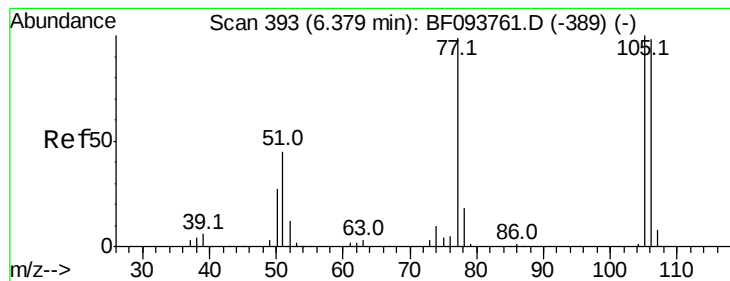
130 31.7 12.9 52.9

64 54.8 28.4 68.4



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: 40.40 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

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ClientSampleID :

SSTDCCC040

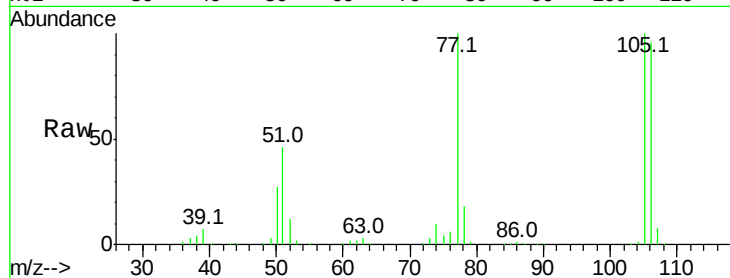
Tot Ion: 77 Resp: 392543

Ion Ratio Lower Upper

77 100

105 100.4 83.8 123.8

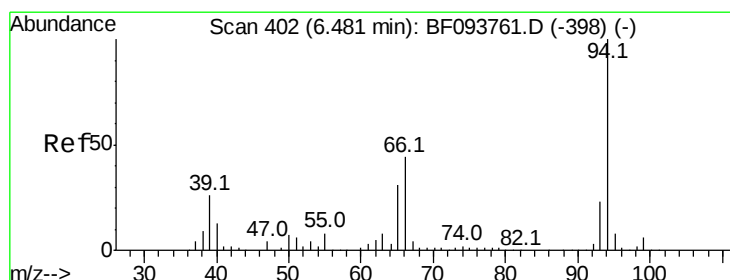
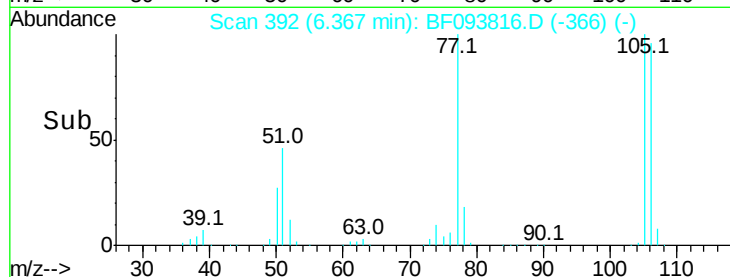
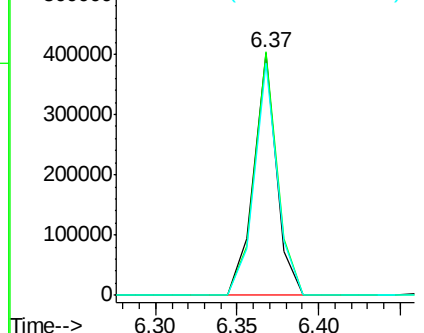
106 96.0 79.1 119.1



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: 37.84 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

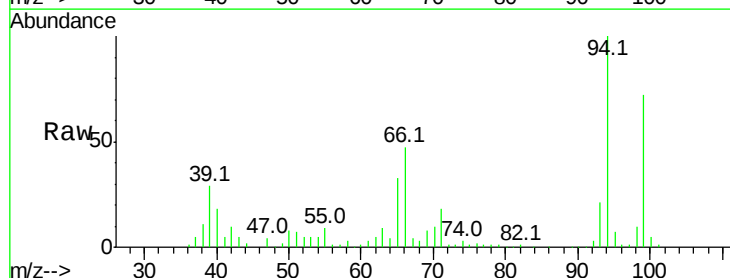
Tgt Ion: 94 Resp: 584669

Ion Ratio Lower Upper

94 100

65 33.0 9.9 49.9

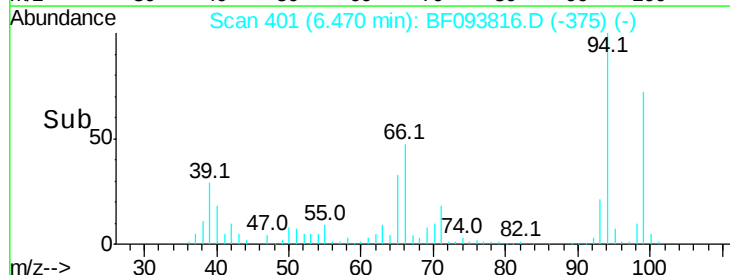
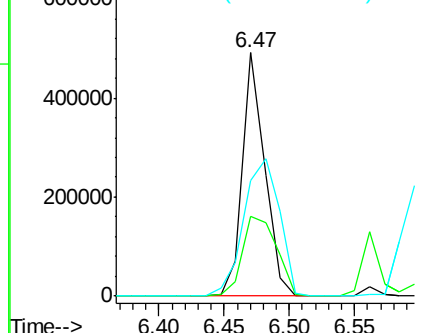
66 47.2 23.1 63.1

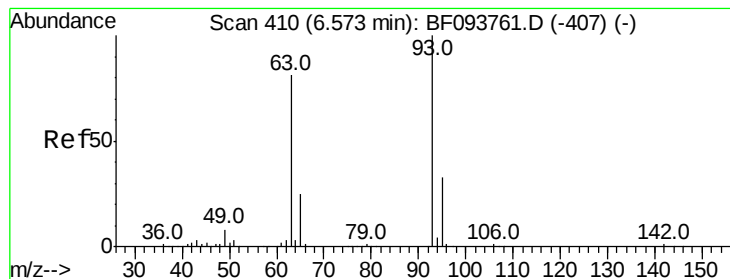


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.36 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

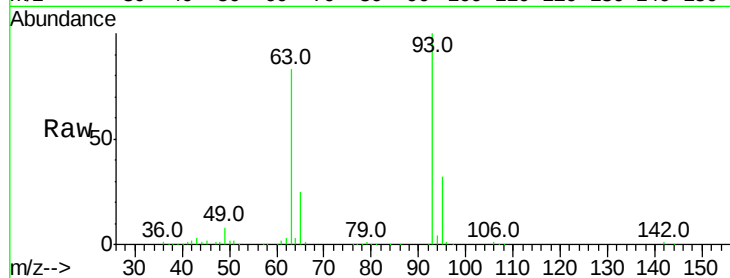
Tot Ion: 93 Resp: 468634

Ion Ratio Lower Upper

93 100

63 83.2 59.2 99.2

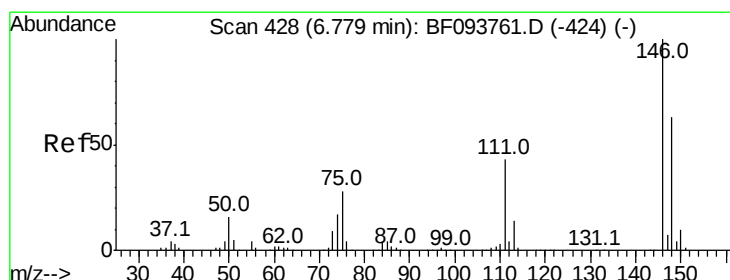
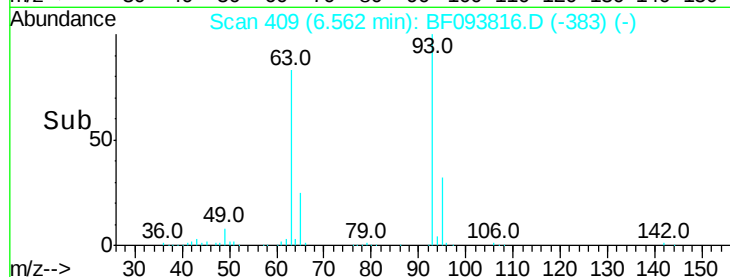
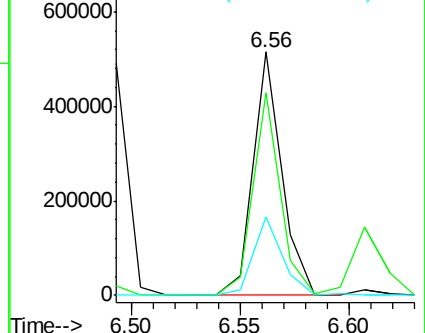
95 32.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.34 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

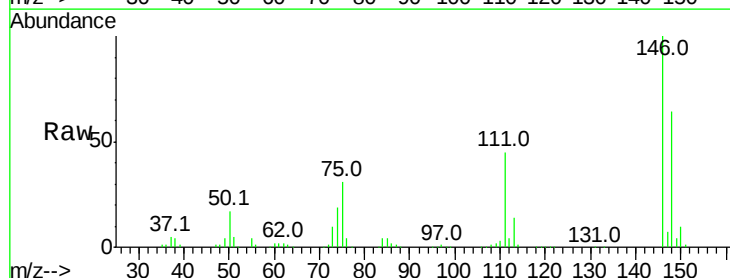
Tgt Ion: 146 Resp: 545884

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

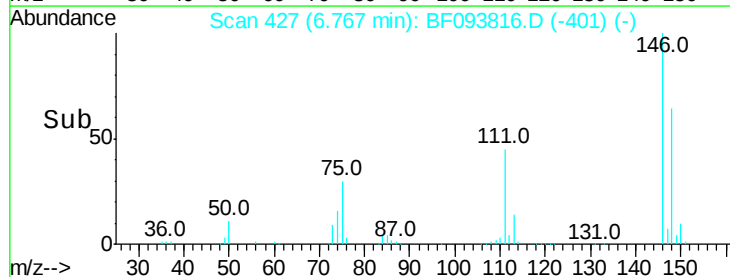
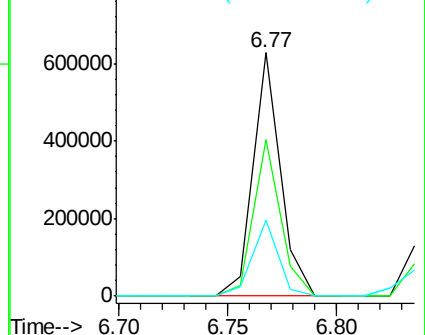
75 31.2 23.1 34.7

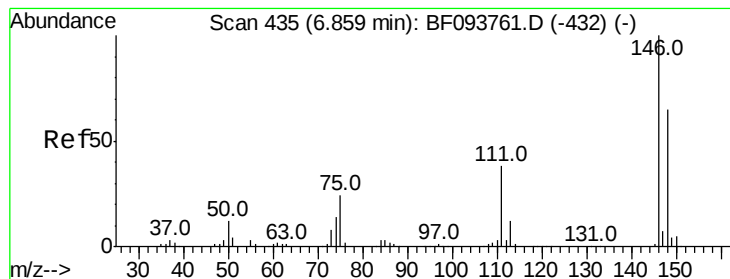


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.76 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

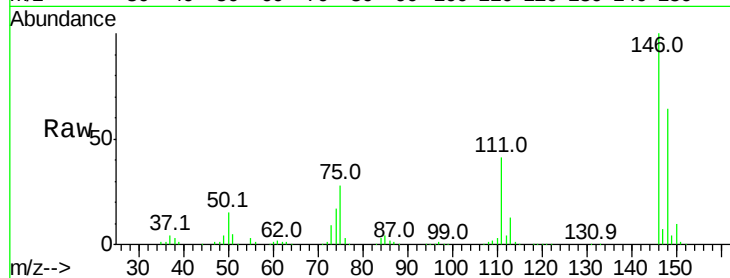
Tot Ion:146 Resp: 591144

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

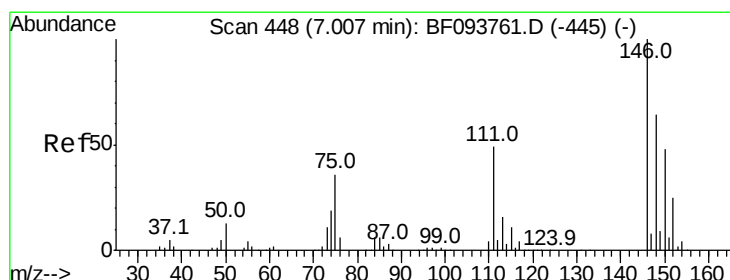
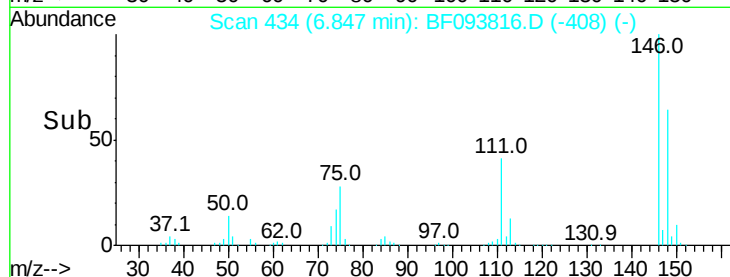
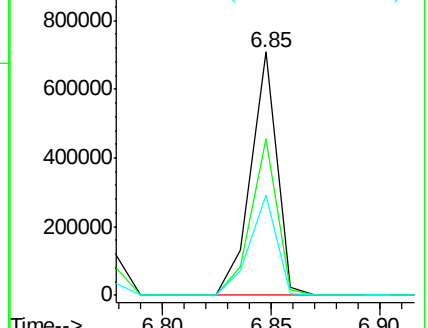
111 41.0 30.3 45.5



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: 45.52 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.16 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

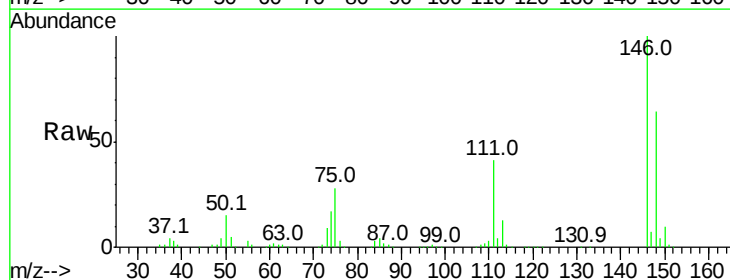
Tgt Ion:146 Resp: 591144

Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

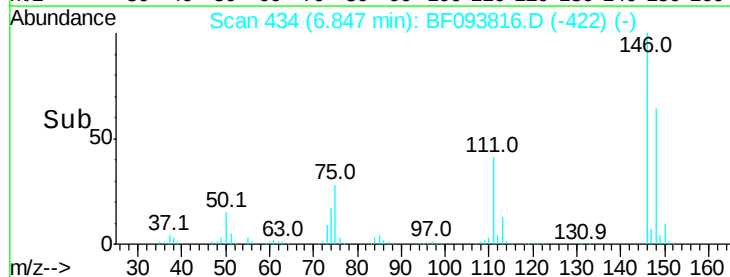
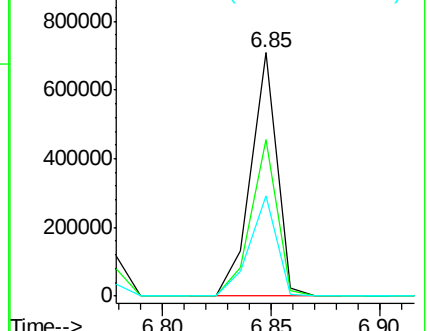
111 41.0 38.2 57.4

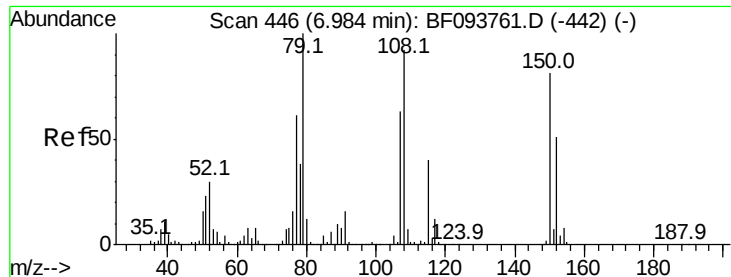


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.62 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

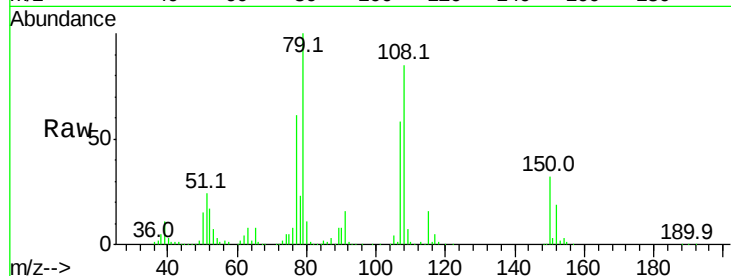
Tot Ion: 79 Resp: 454396

Ion Ratio Lower Upper

79 100

108 85.4 63.4 95.0

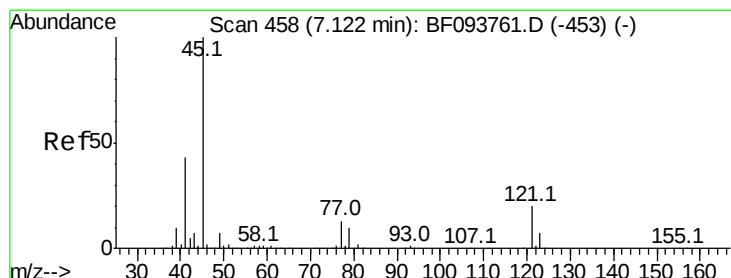
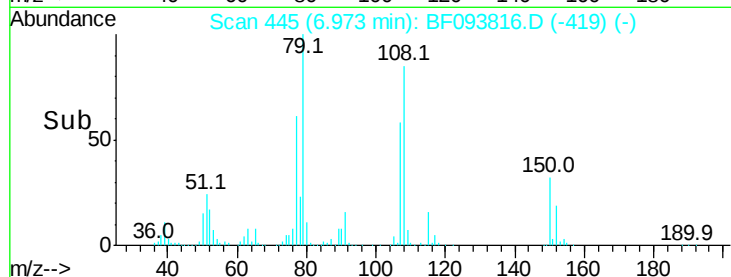
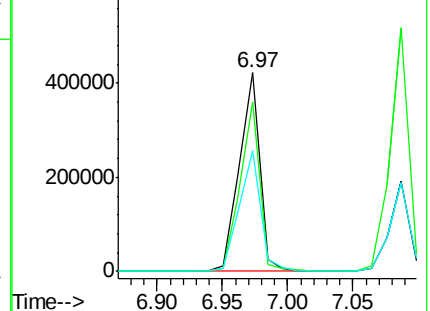
77 61.0 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.41 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

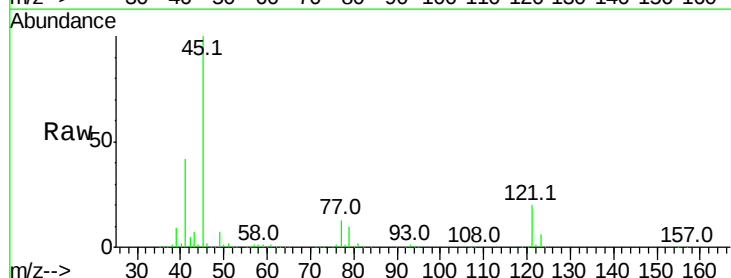
Tgt Ion: 45 Resp: 786076

Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.2

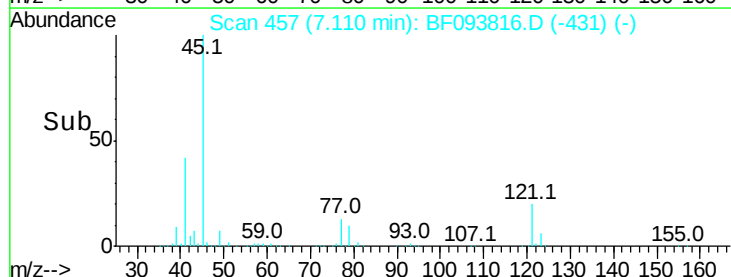
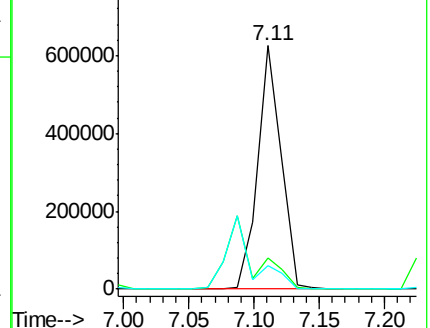
79 9.8 0.0 30.0

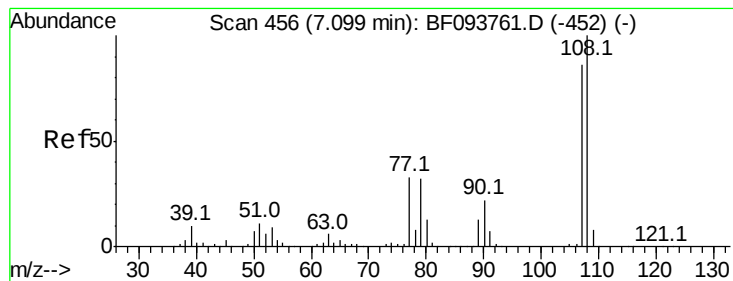


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

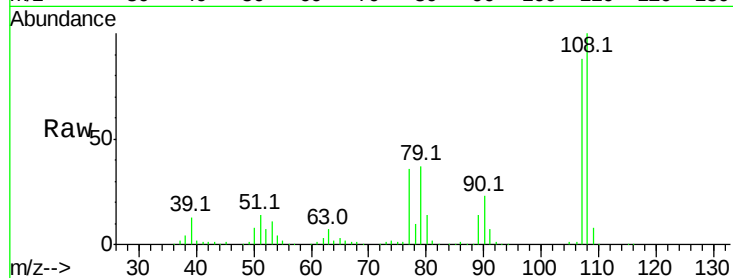




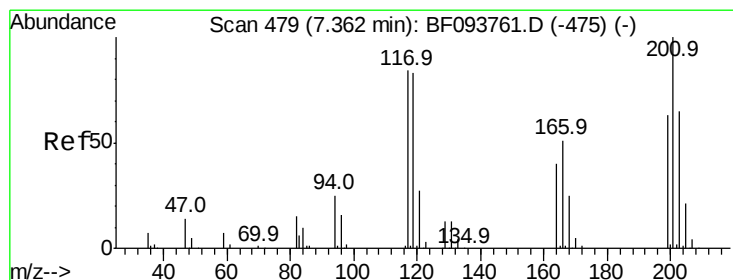
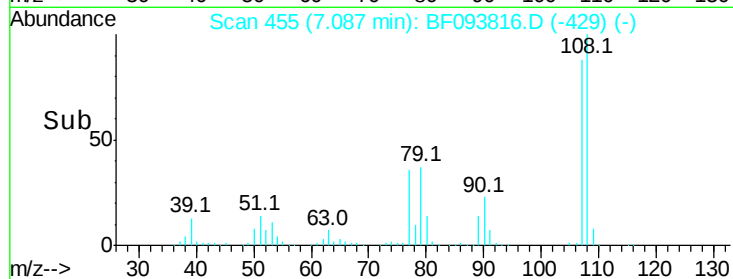
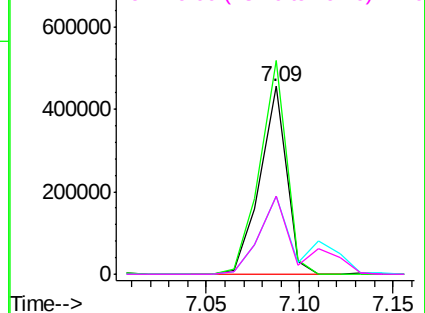
#17
2-Methylphenol
Concen: 41.78 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	448555
Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.4	140.0
77	41.4	35.8	53.6
79	41.7	34.8	52.2

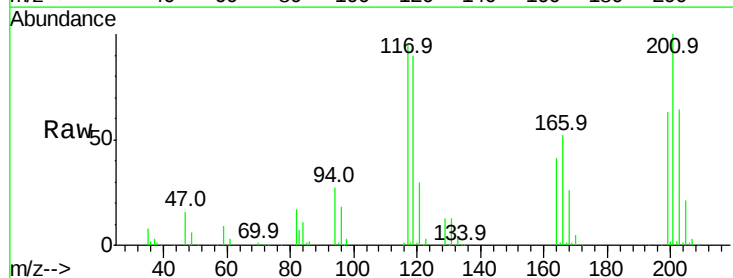


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

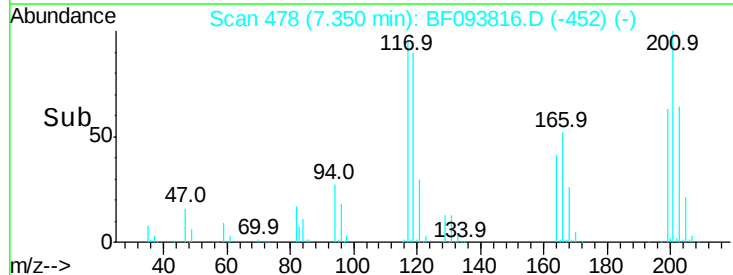
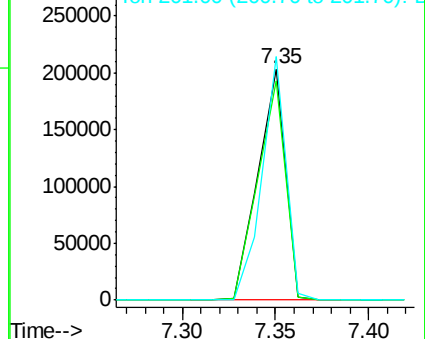


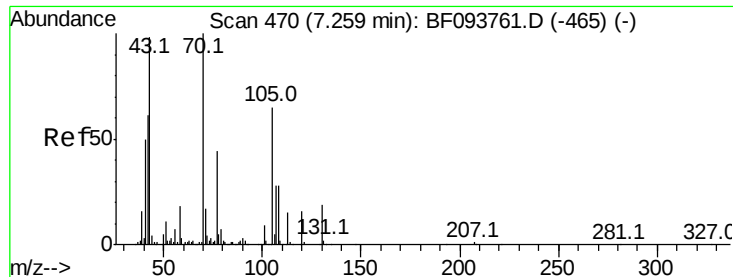
#18
Hexachloroethane
Concen: 41.12 ng
RT: 7.35 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:	117	Resp:	206361
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.4	116.0
201	105.4	94.6	141.8



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

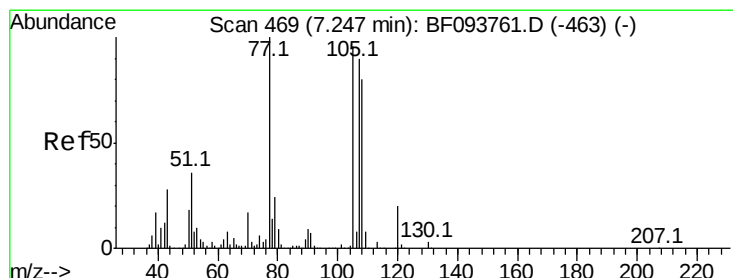
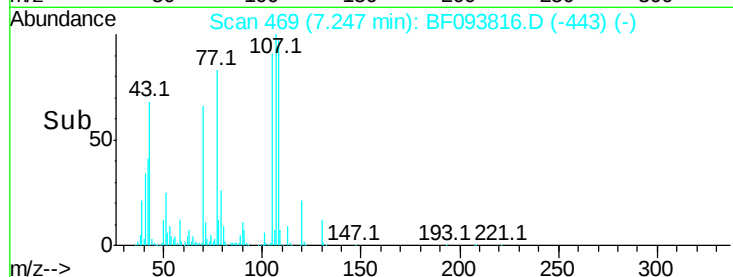
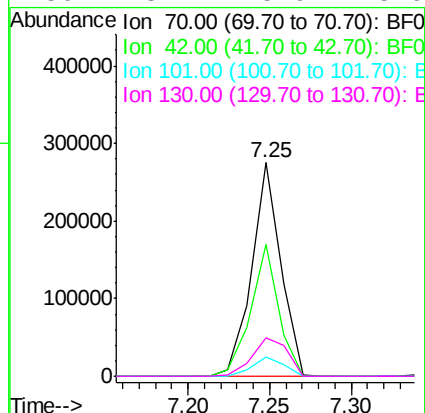
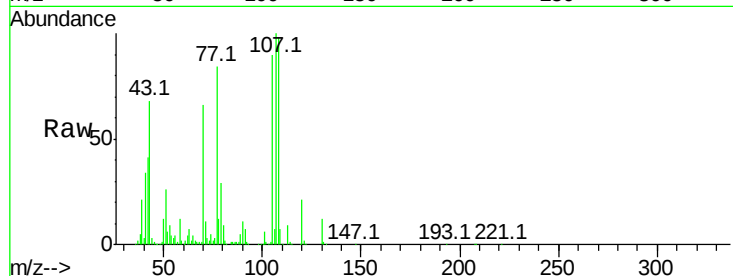




#19
n-Nitroso-di-n-propylamine
Concen: 37.61 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

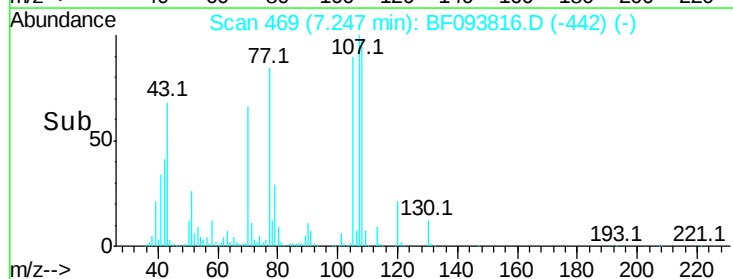
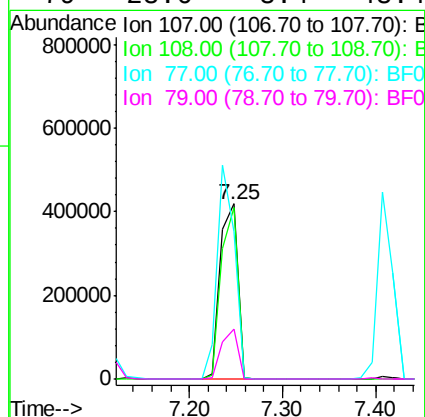
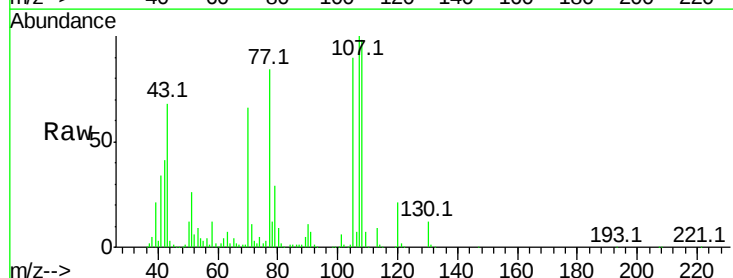
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

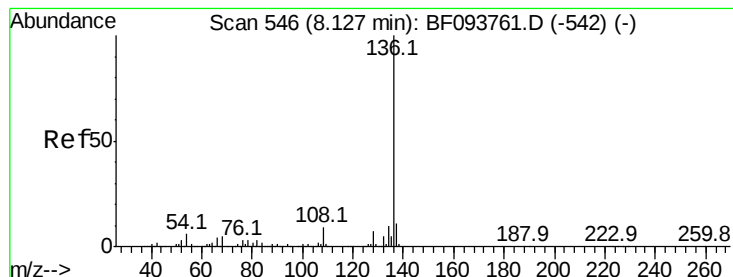
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.2	70.8
101	8.8	7.2	10.8
130	18.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.91 ng
RT: 7.25 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.7	71.0	111.0
77	83.9	90.5	130.5#
79	28.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 810479

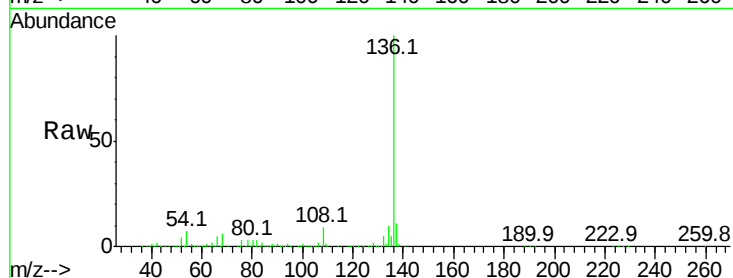
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.5 4.9 7.3#

68 6.1 4.1 6.1

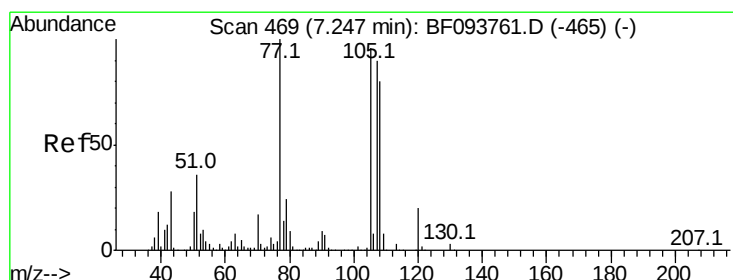
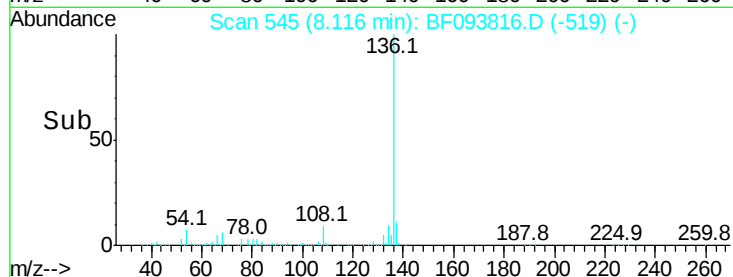
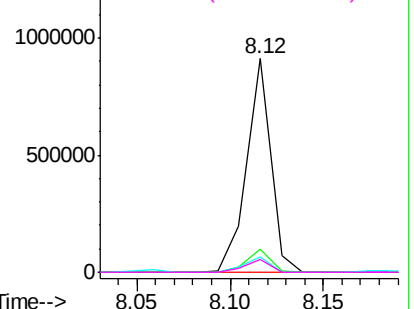


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.93 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Tgt Ion:105 Resp: 683177

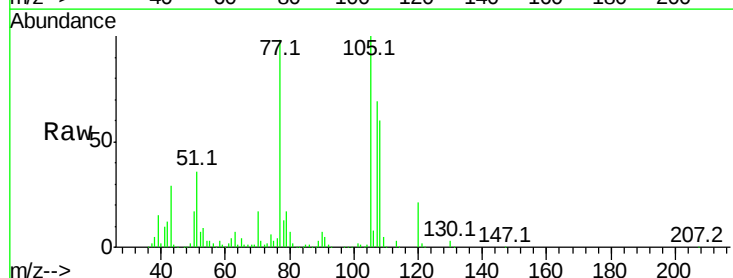
Ion Ratio Lower Upper

105 100

71 2.8 2.8 4.2

51 36.4 30.7 46.1

120 21.0 17.4 26.0

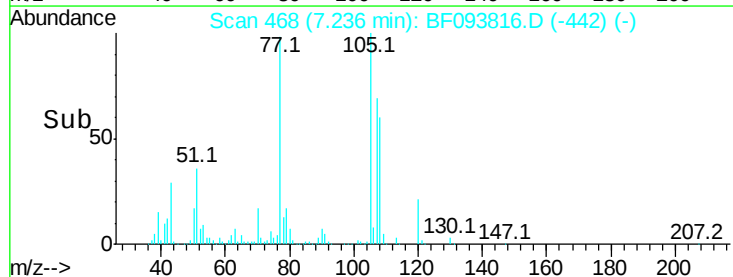
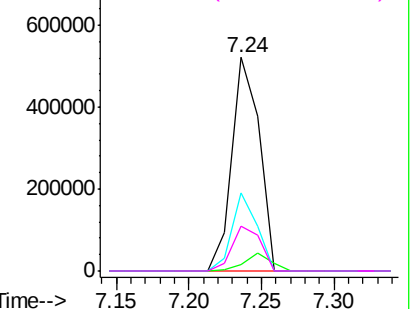


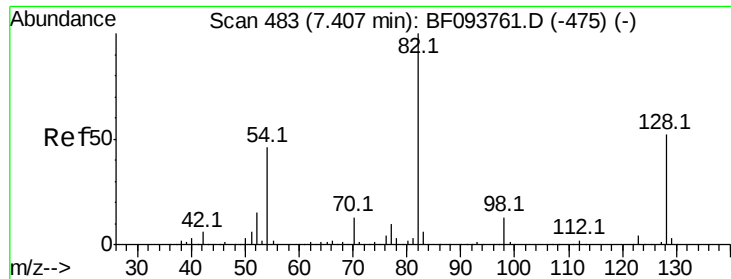
Abundance Ion 105.00 (104.70 to 105.70): E

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

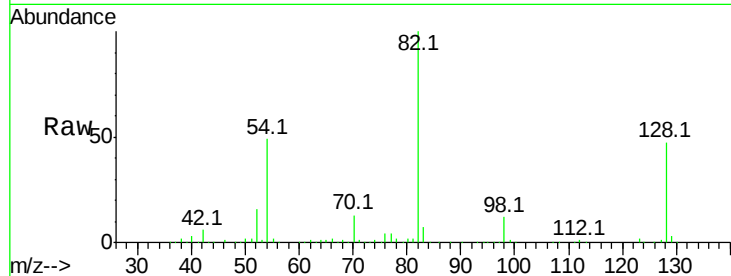




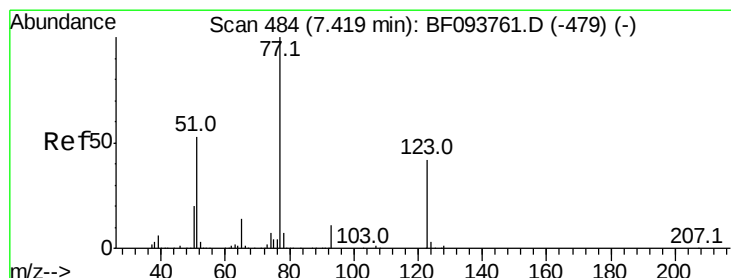
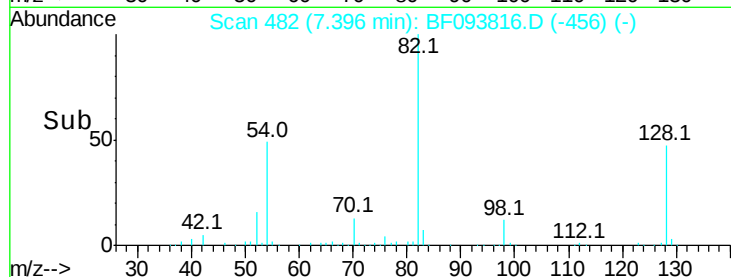
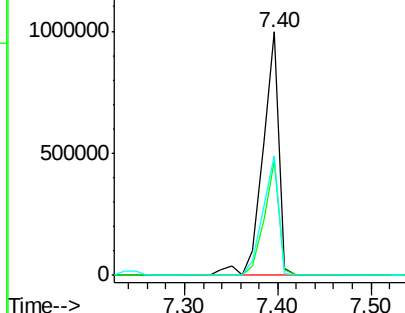
#23
Nitrobenzene-d5
Concen: 83.30 ng
RT: 7.40 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion: 82 Resp: 1190109
Ion Ratio Lower Upper
82 100
128 46.9 34.0 51.0
54 49.1 42.2 63.2

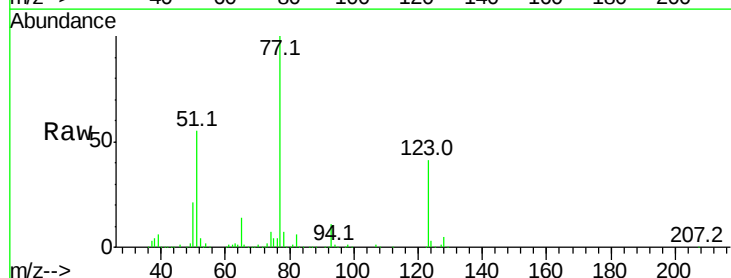


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

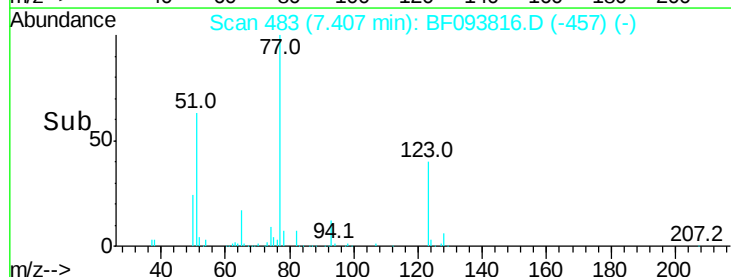
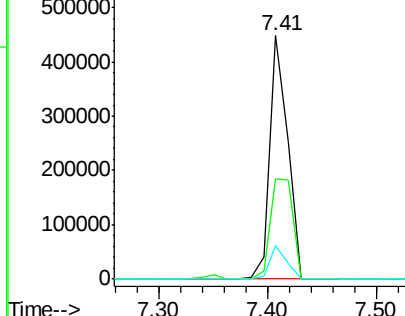


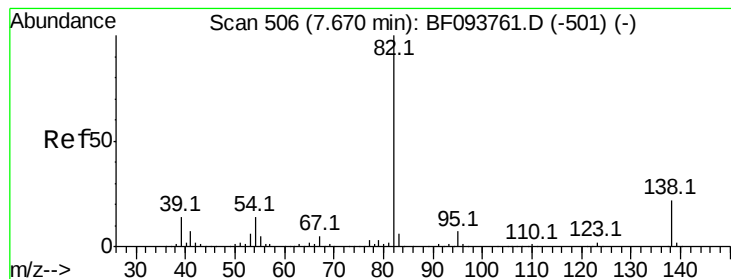
#24
Nitrobenzene
Concen: 37.55 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion: 77 Resp: 512510
Ion Ratio Lower Upper
77 100
123 41.4 35.8 53.8
65 13.6 10.6 15.8



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





#25

Isophorone

Concen: 40.35 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

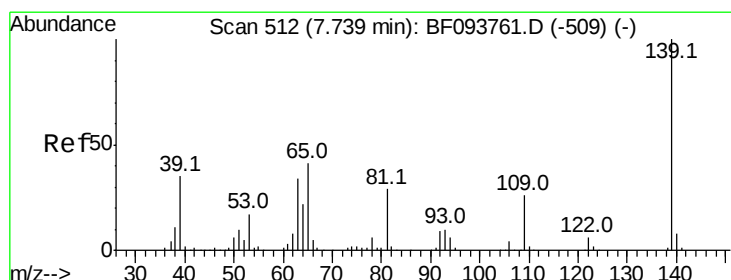
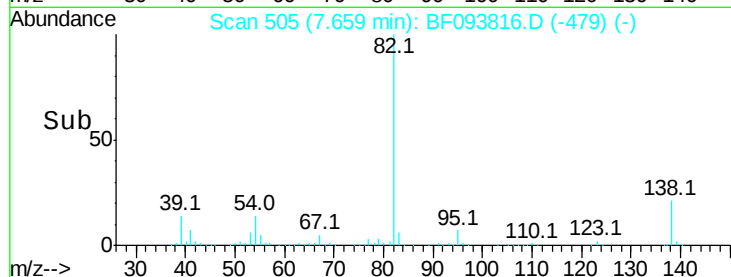
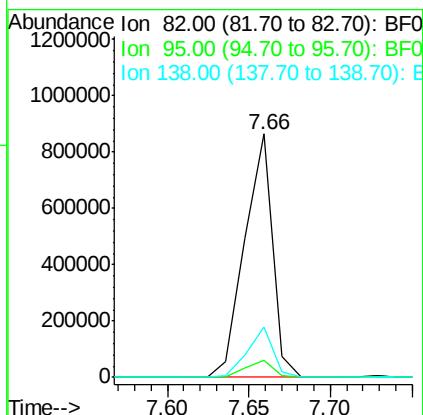
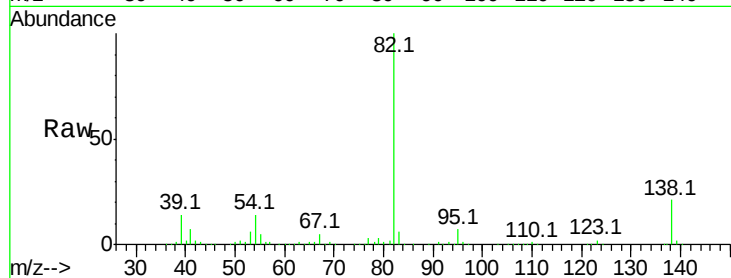
Tot Ion: 82 Resp: 1021166

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 20.6 13.1 19.7#



#26

2-Nitrophenol

Concen: 42.72 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

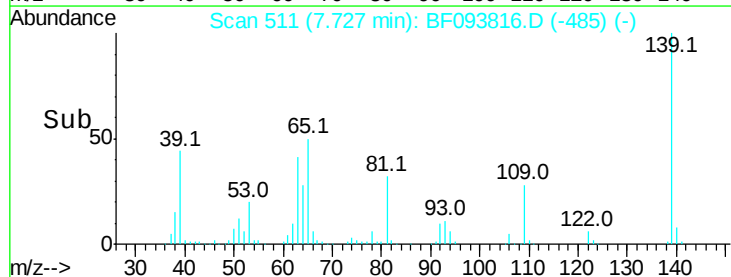
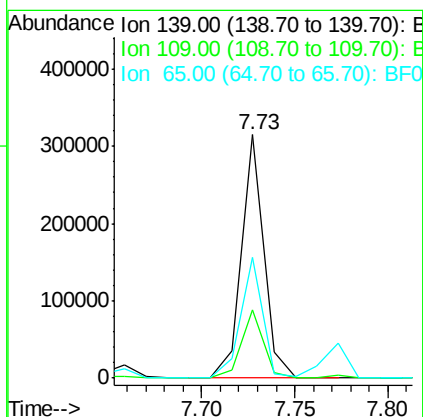
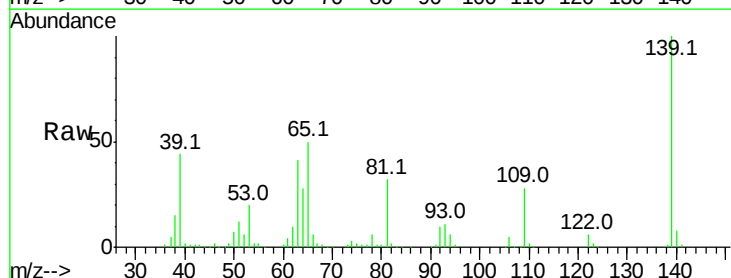
Tgt Ion:139 Resp: 263671

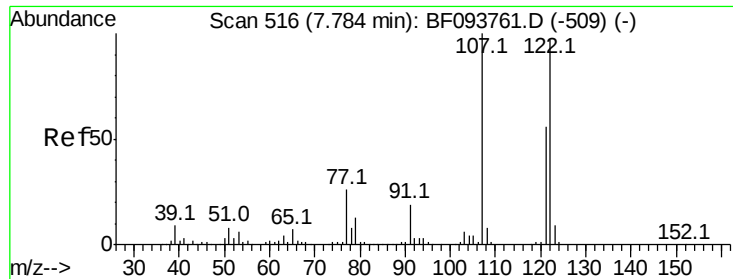
Ion Ratio Lower Upper

139 100

109 28.2 21.0 31.6

65 49.6 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.37 ng

RT: 7.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

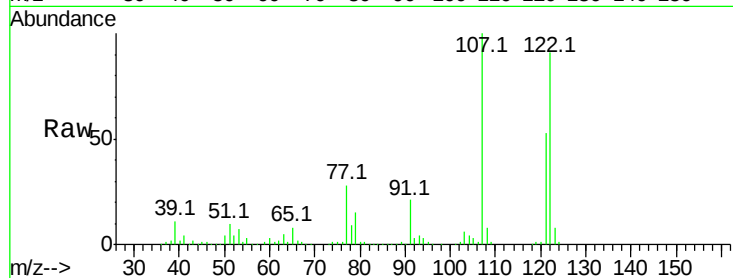
Tot Ion:122 Resp: 499780

Ion Ratio Lower Upper

122 100

107 109.9 89.2 133.8

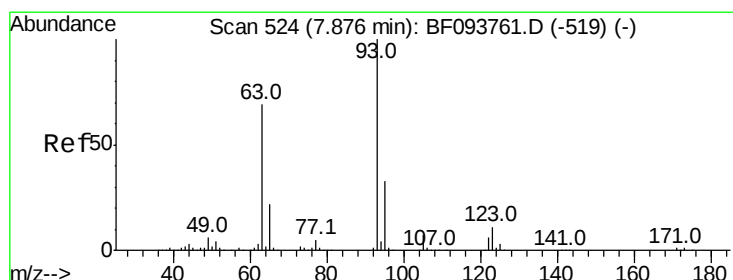
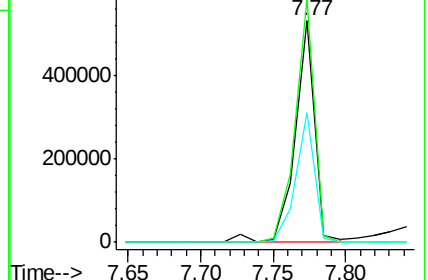
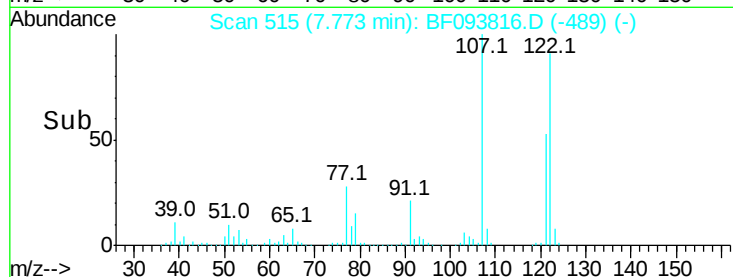
121 58.6 45.2 67.8



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: 35.89 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

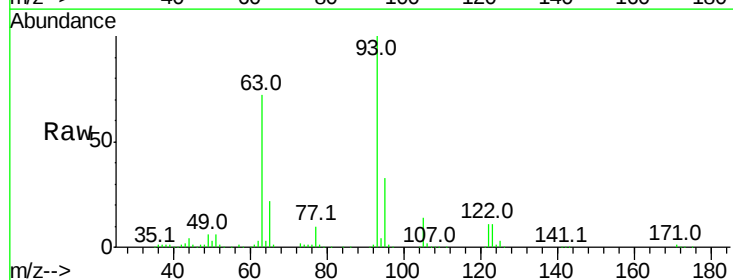
Tgt Ion: 93 Resp: 584549

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

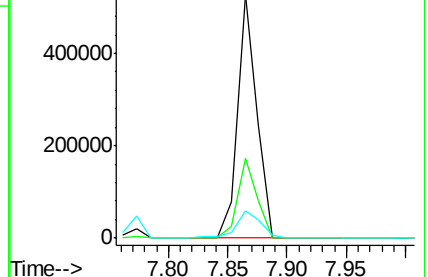
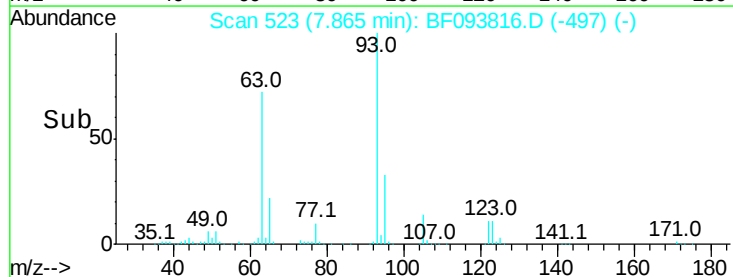
123 11.1 9.0 13.4

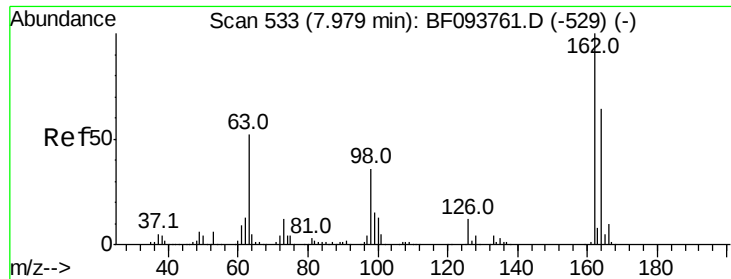


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.59 ng

RT: 7.97 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

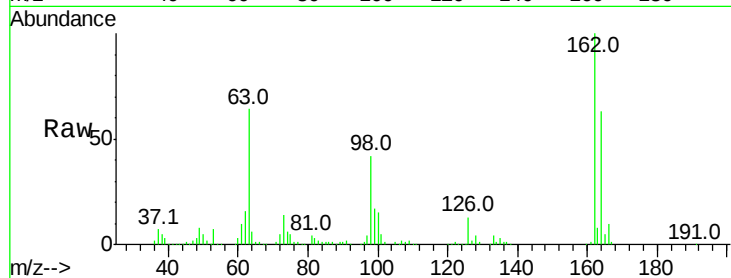
Tot Ion:162 Resp: 417024

Ion Ratio Lower Upper

162 100

164 62.5 44.6 84.6

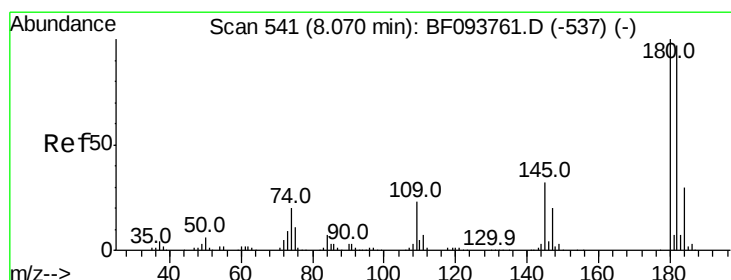
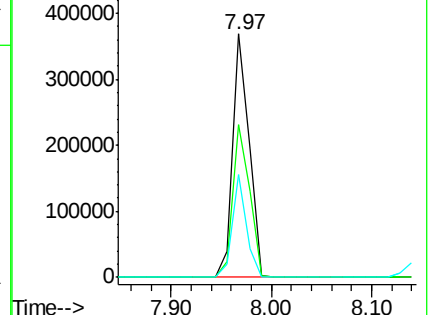
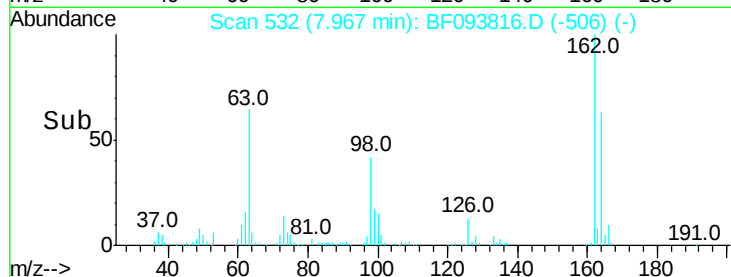
98 42.3 14.8 54.8



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: 39.76 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

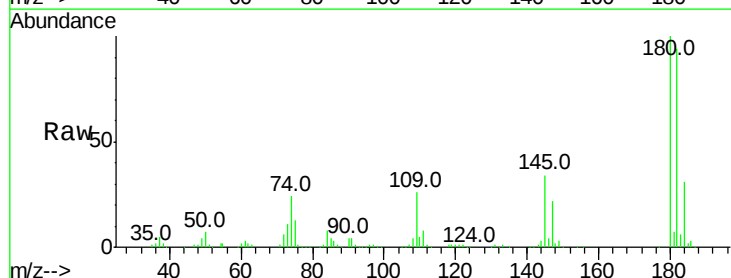
Tgt Ion:180 Resp: 446146

Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.6

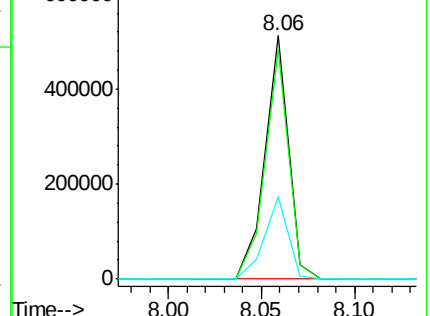
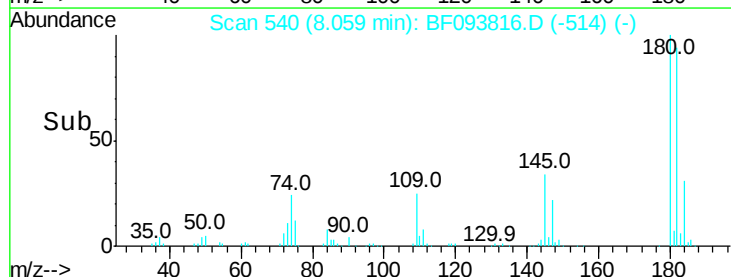
145 33.7 25.3 37.9

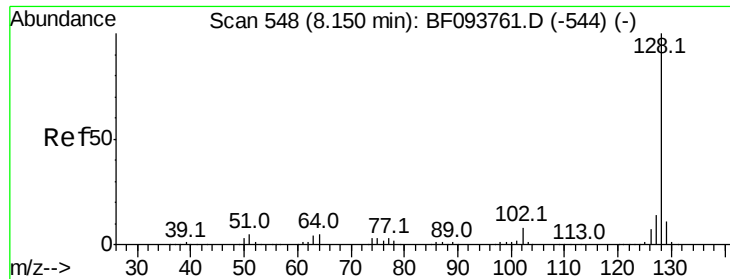


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

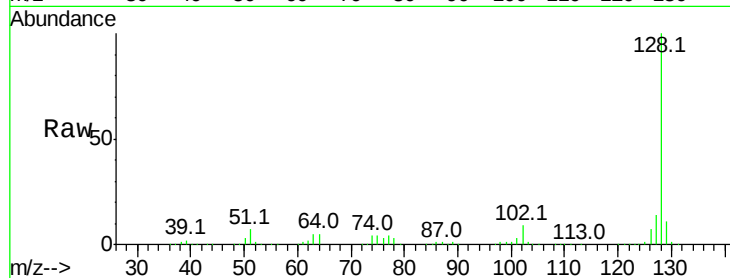




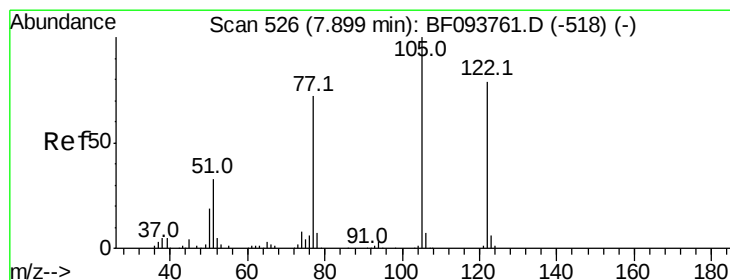
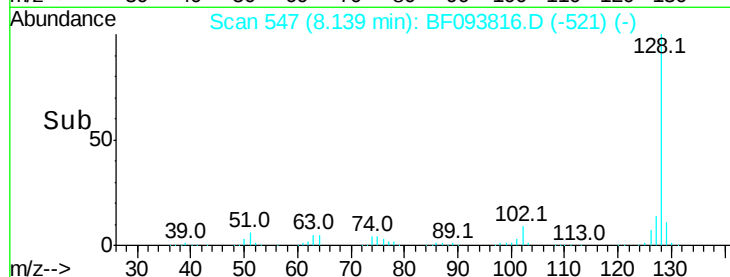
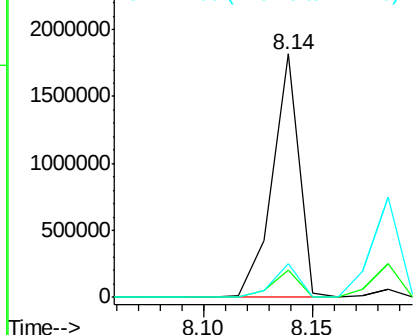
#31
Naphthalene
Concen: 41.84 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1573897
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.9 10.8 16.2

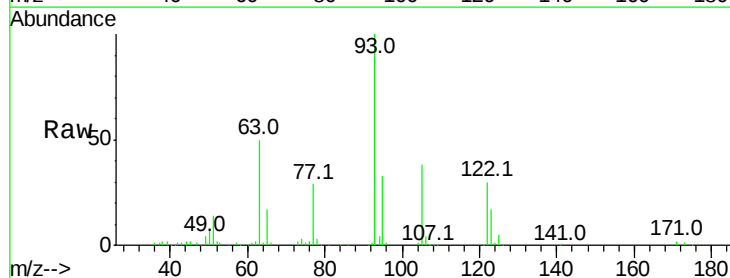


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

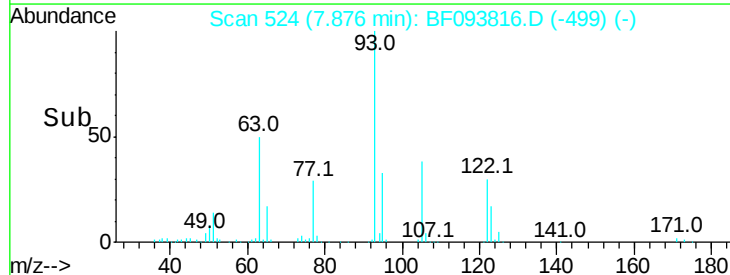
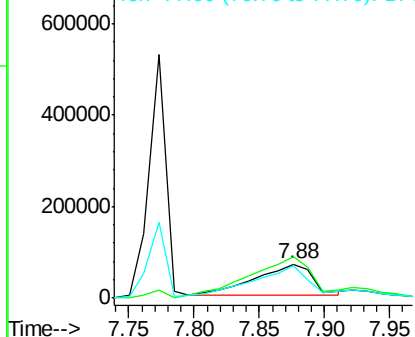


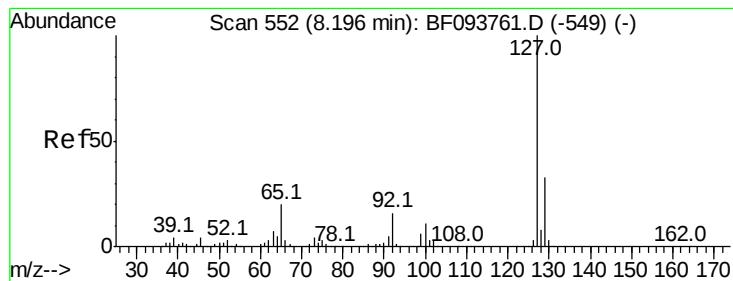
#32
Benzoic acid
Concen: 26.28 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:122 Resp: 207485
Ion Ratio Lower Upper
122 100
105 123.8 103.3 143.3
77 93.8 73.7 113.7



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: 41.48 ng

RT: 8.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 670570

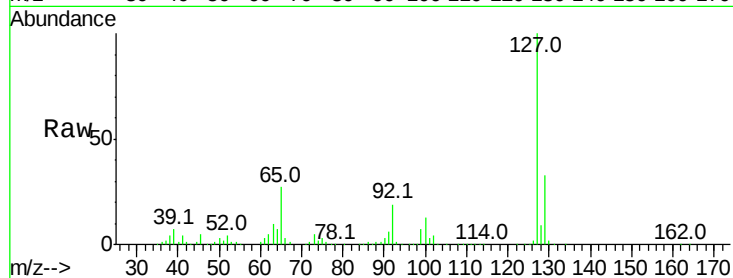
Ion Ratio Lower Upper

127 100

129 33.3 26.2 39.2

65 27.0 27.8 41.8#

92 18.7 16.8 25.2

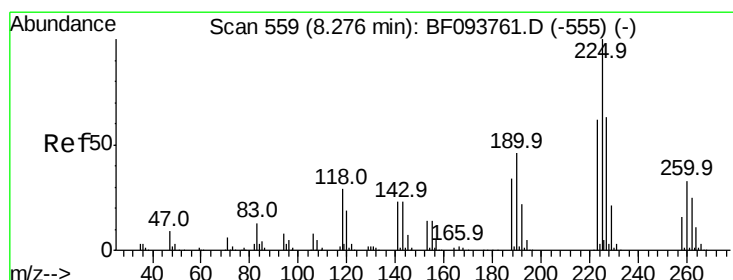
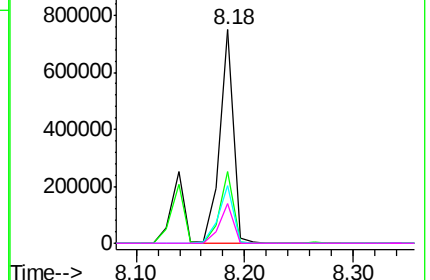
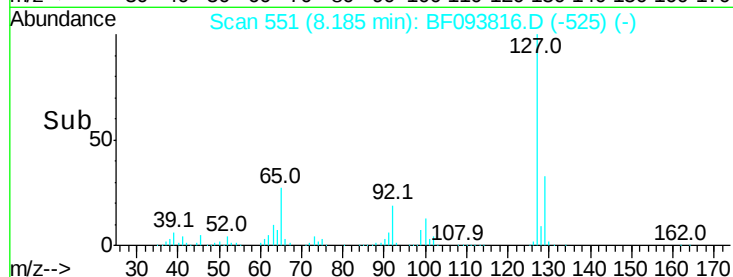


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.10 ng

RT: 8.26 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

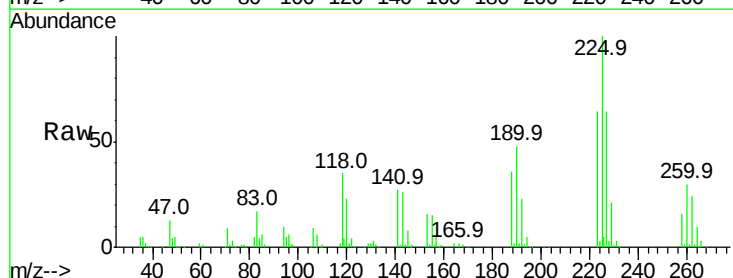
Tgt Ion:225 Resp: 230758

Ion Ratio Lower Upper

225 100

223 63.6 48.8 73.2

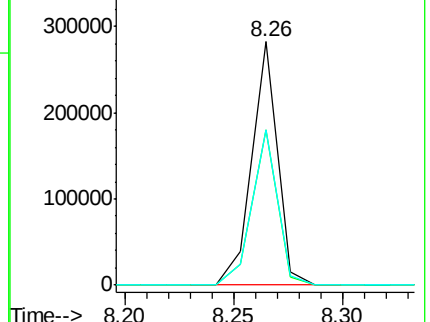
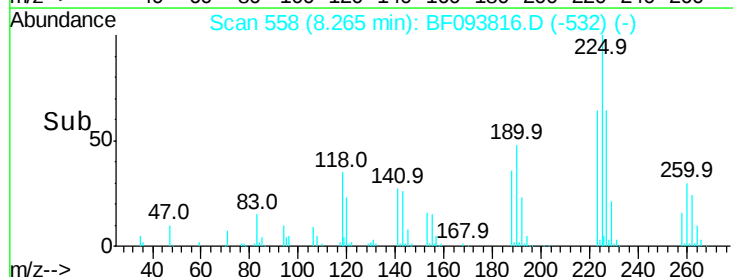
227 63.7 51.1 76.7

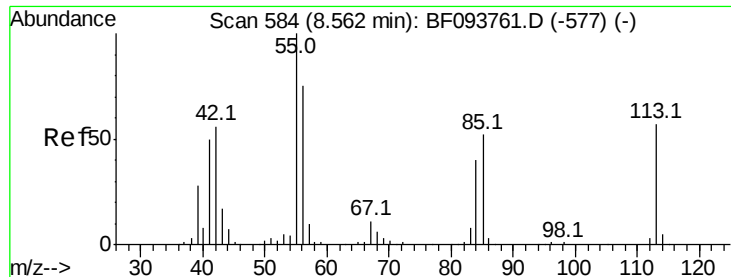


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

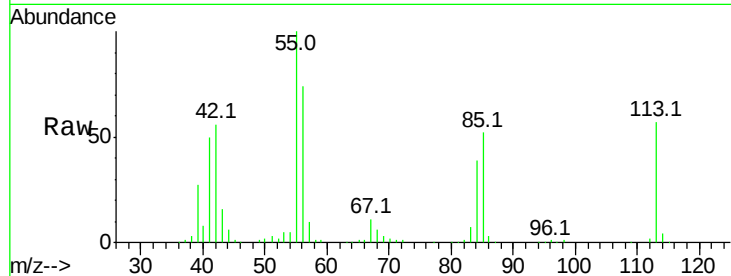




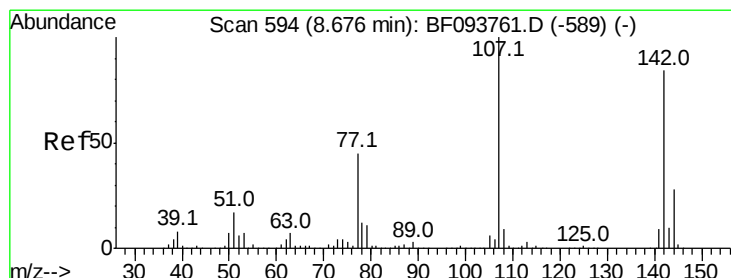
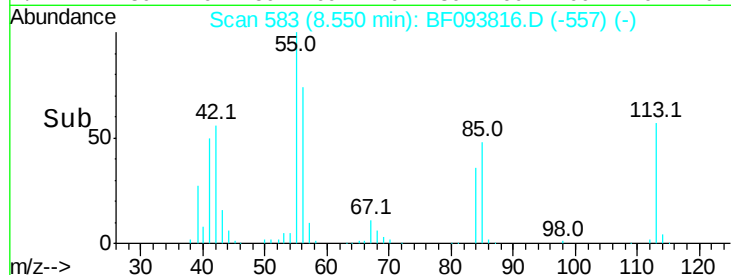
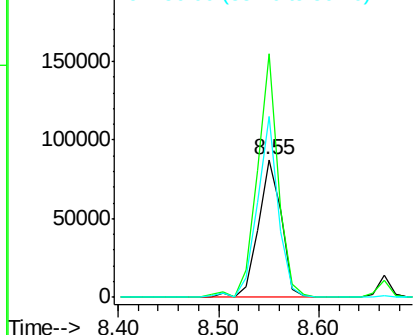
#35
 Caprolactam
 Concen: 41.03 ng
 RT: 8.55 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 139175
 Ion Ratio Lower Upper
 113 100
 55 176.7 150.2 190.2
 56 131.4 107.8 147.8

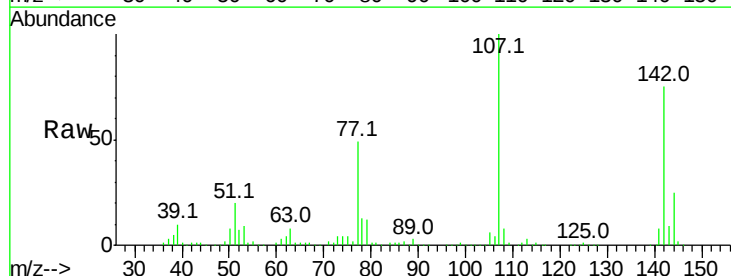


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

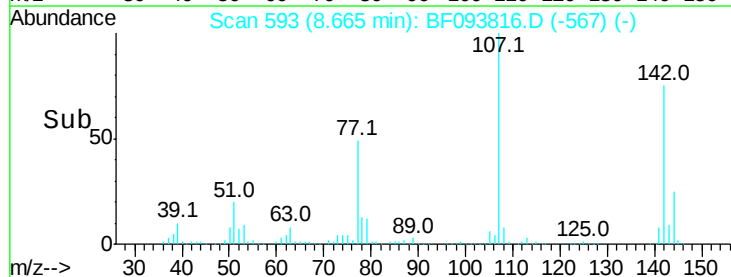
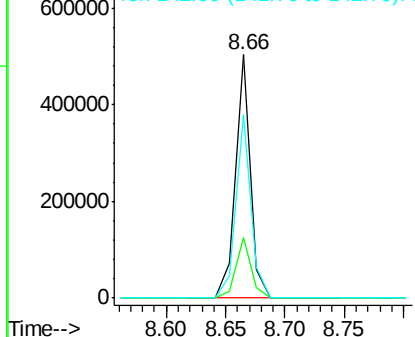


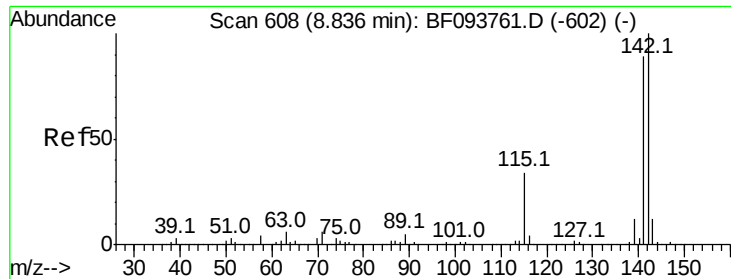
#36
 4-Chloro-3-methylphenol
 Concen: 39.20 ng
 RT: 8.66 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

Tgt Ion:107 Resp: 438896
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 75.5 73.4 110.0



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

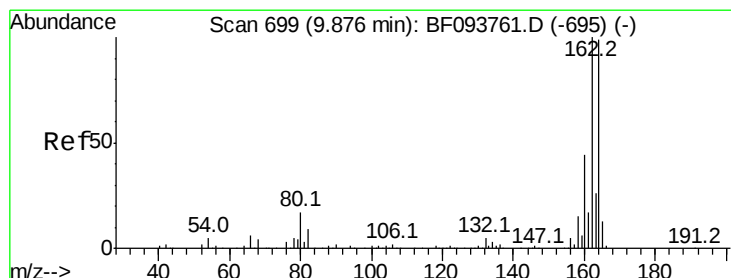
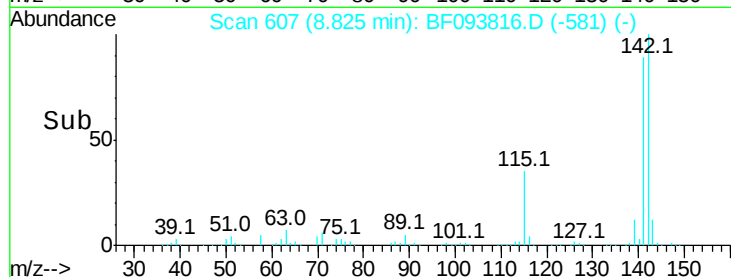
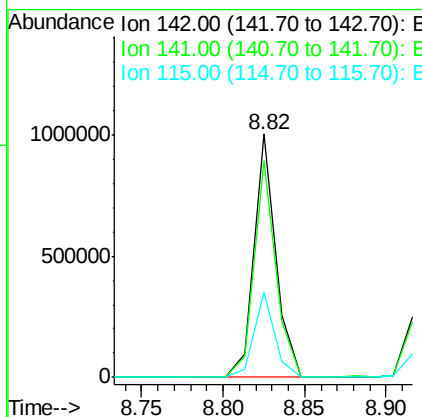
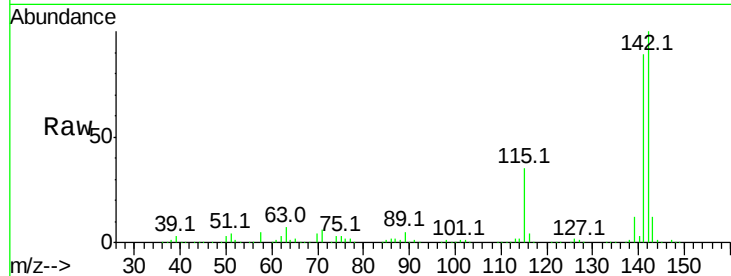




#37
2-Methylnaphthalene
Concen: 38.02 ng
RT: 8.82 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

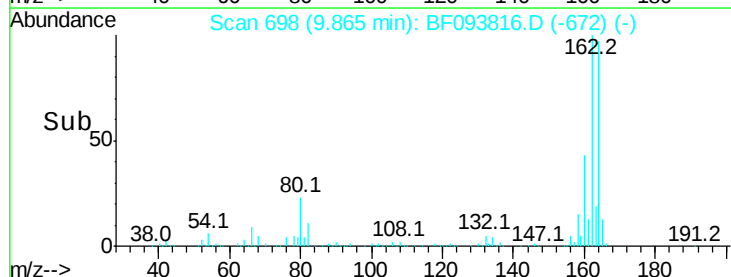
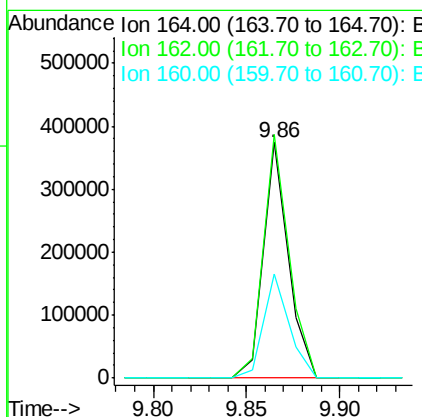
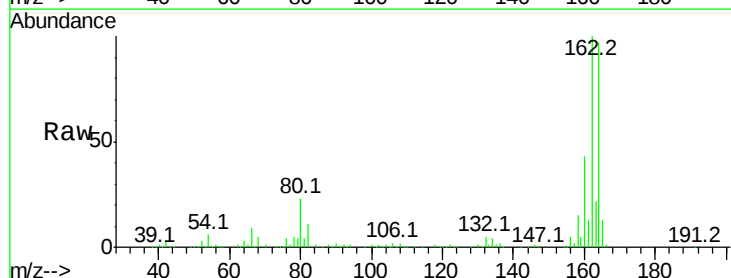
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

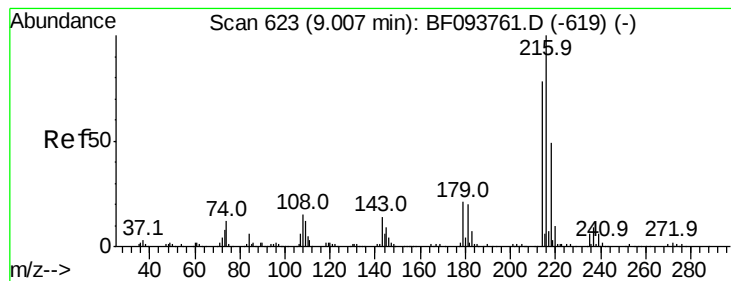
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	34.8	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	44.3	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.34 ng

RT: 9.00 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 395012

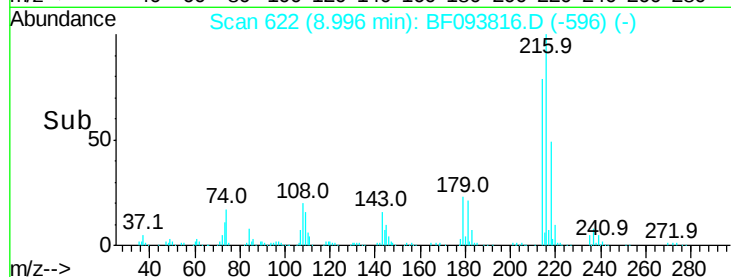
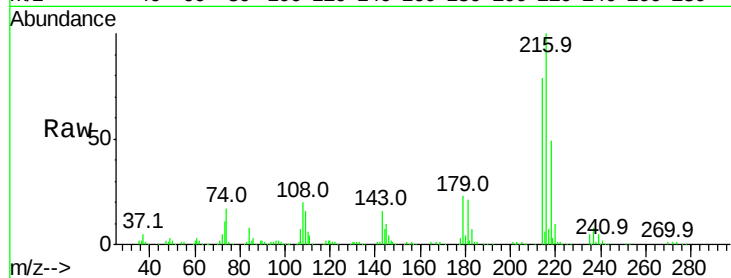
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 23.5 17.9 26.9

108 22.0 16.5 24.7

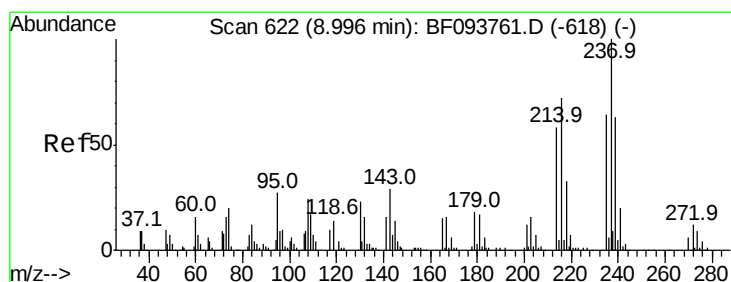
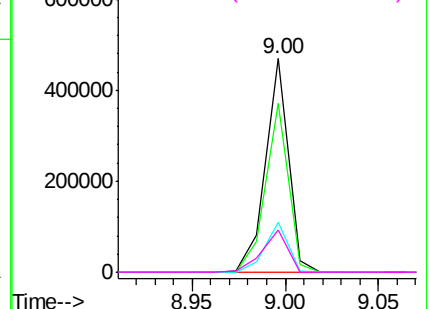


Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.64 ng

RT: 8.98 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

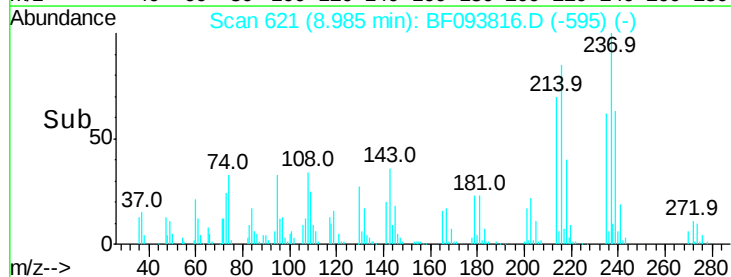
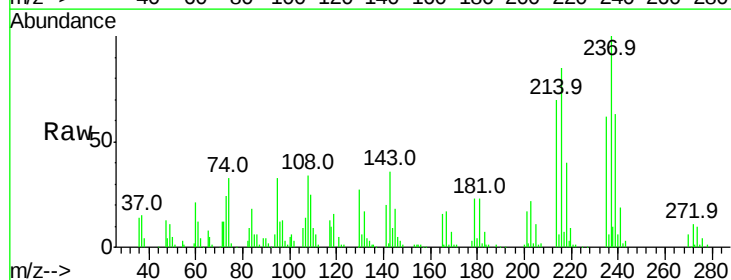
Tgt Ion:237 Resp: 94920

Ion Ratio Lower Upper

237 100

235 61.6 42.6 82.6

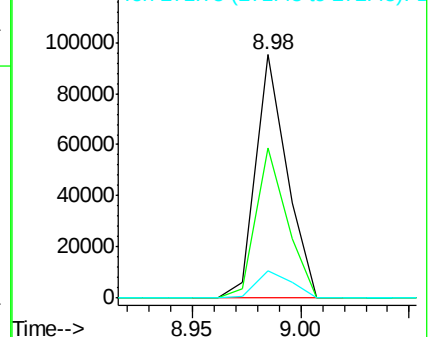
272 11.2 0.0 31.9

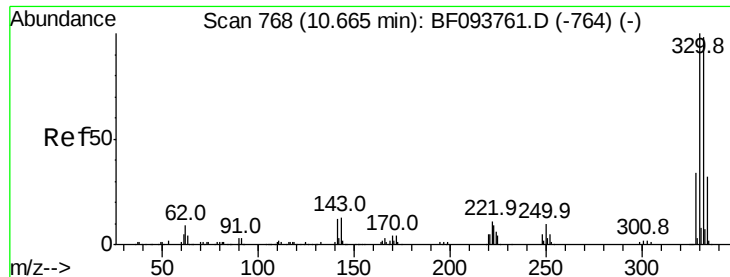


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

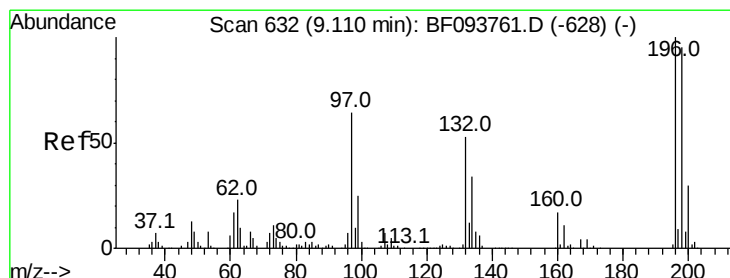
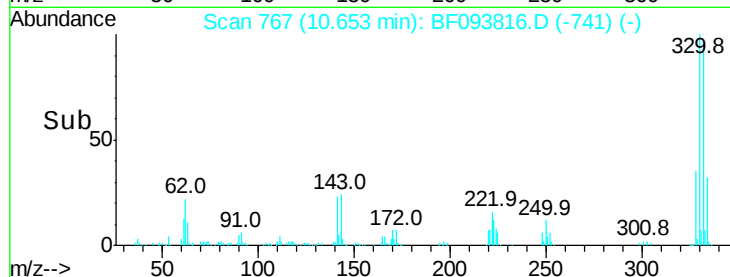
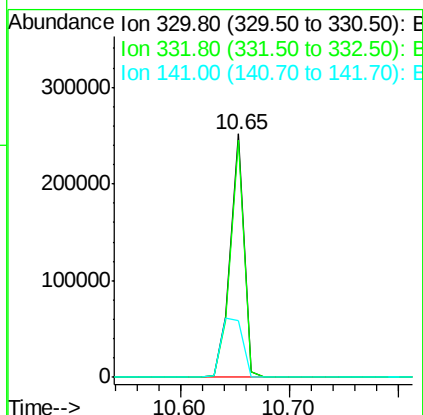
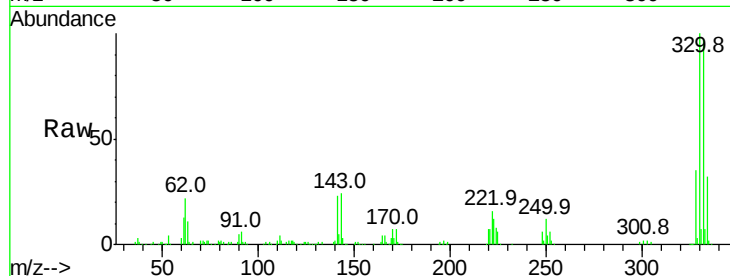




#41
 2,4,6-Tribromophenol
 Concen: 83.56 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

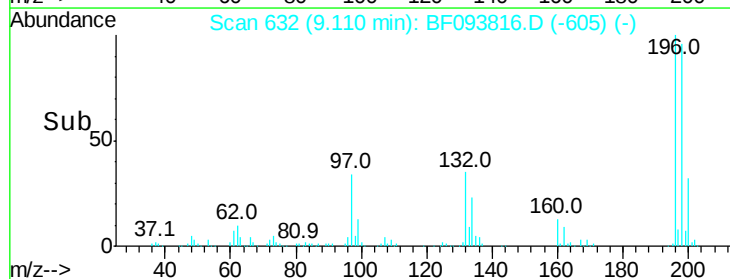
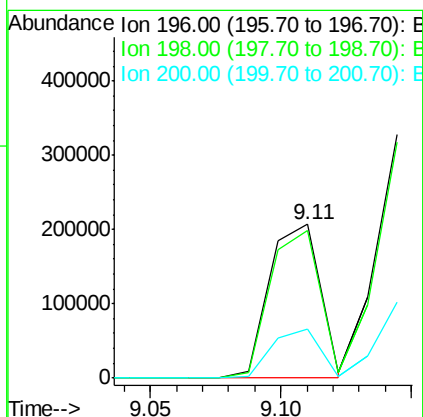
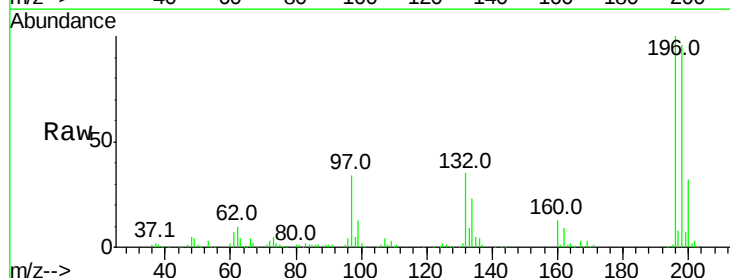
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

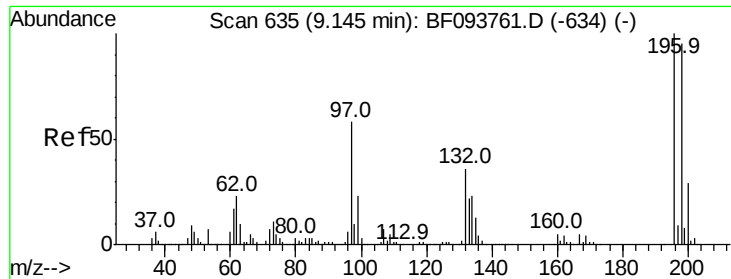
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.2	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 42.21 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.2	111.4
200	31.8	24.0	36.0

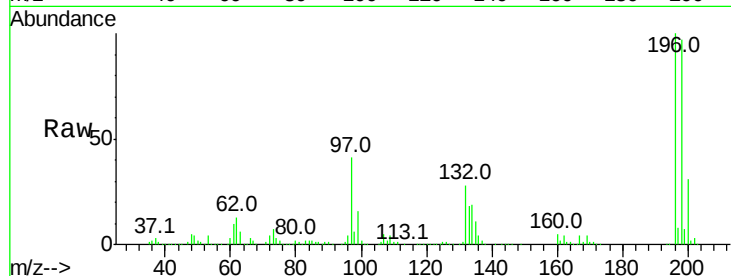




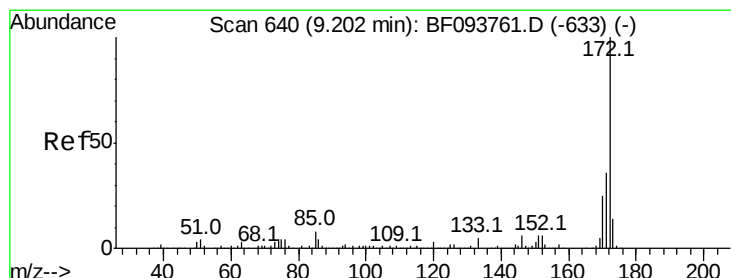
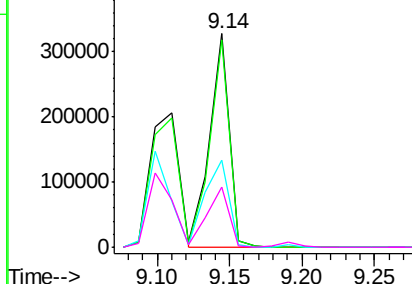
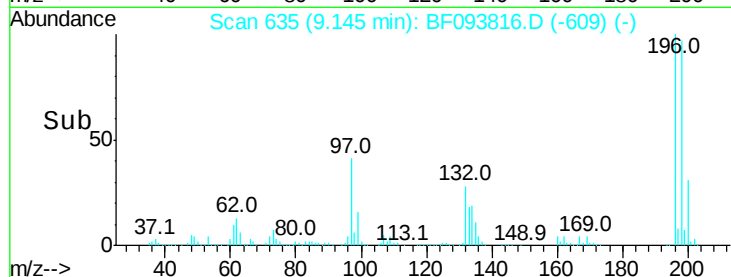
#43
 2,4,5-Trichlorophenol
 Concen: 44.90 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 308372
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.7 113.5
 97 40.7 47.7 71.5#
 132 28.0 28.0 42.0

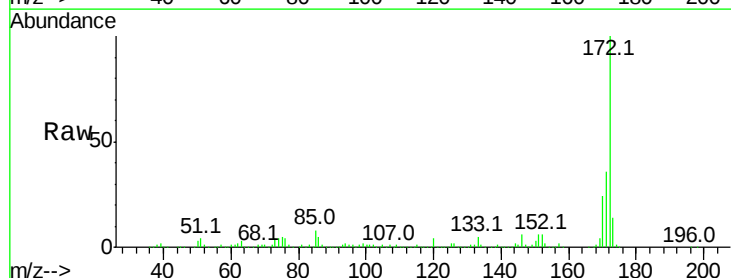


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

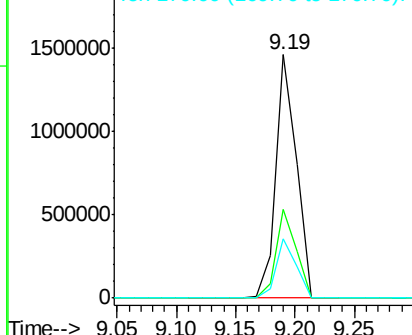
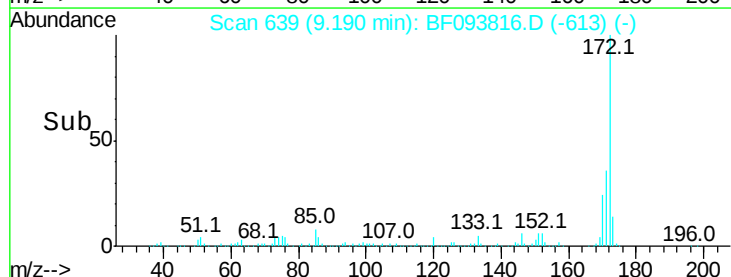


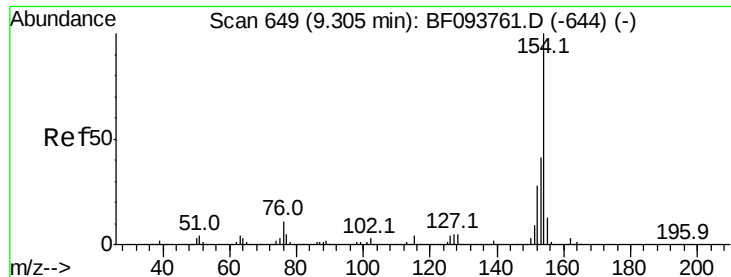
#44
 2-Fluorobiphenyl
 Concen: 84.79 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

Tgt Ion:172 Resp: 1735280
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.3 19.8 29.8



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: 41.40 ng

RT: 9.29 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

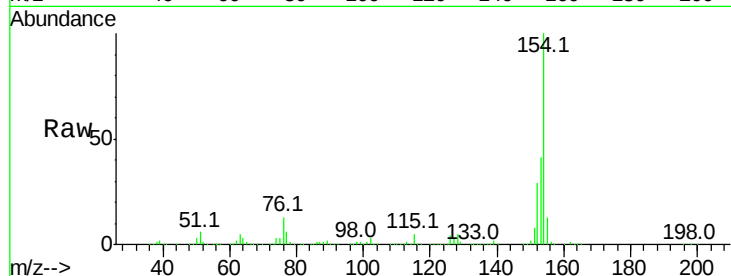
Tot Ion:154 Resp: 1158012

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

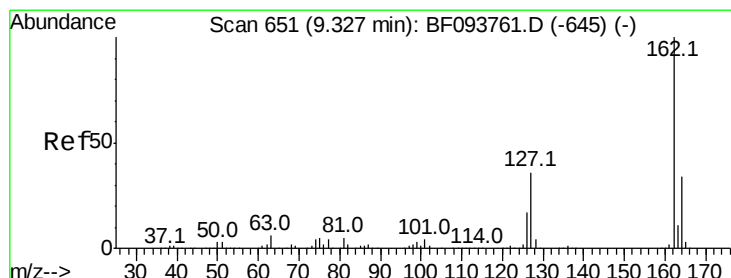
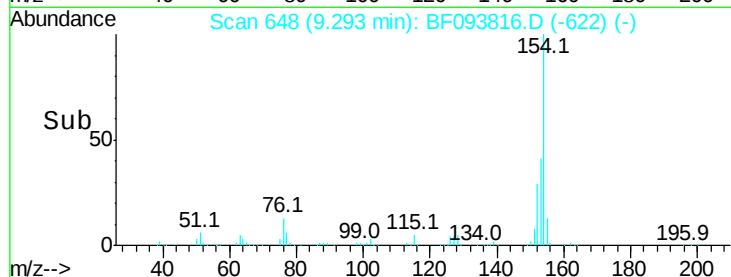
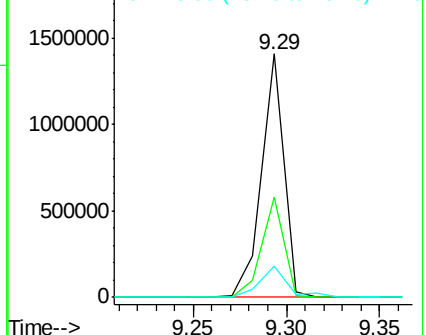
76 13.0 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.00 ng

RT: 9.32 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

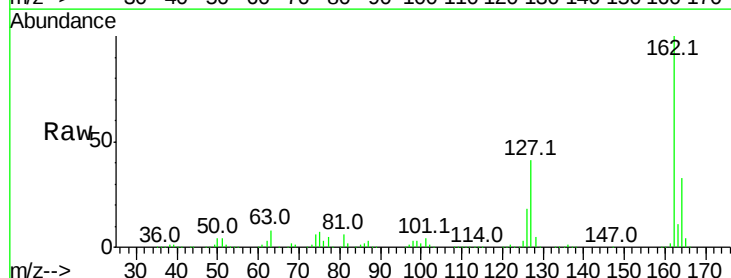
Tgt Ion:162 Resp: 922070

Ion Ratio Lower Upper

162 100

127 40.6 28.3 42.5

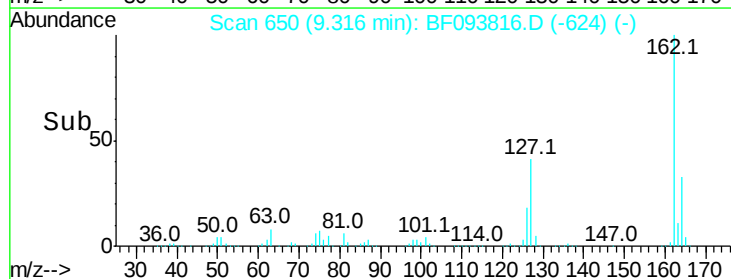
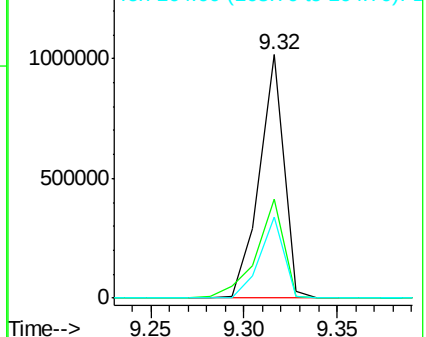
164 33.1 27.0 40.4

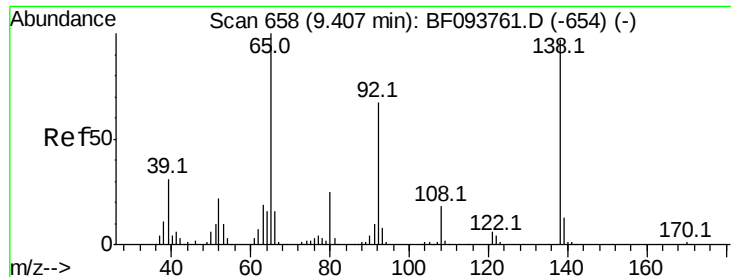


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.89 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

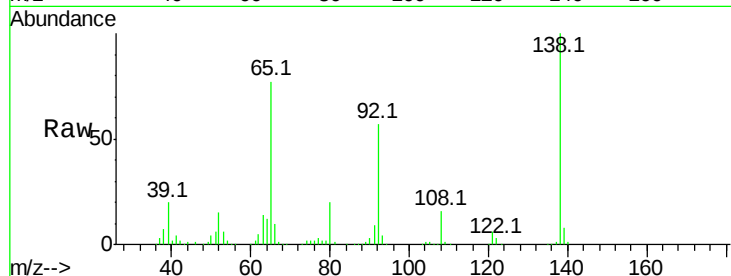
Tot Ion: 65 Resp: 304759

Ion Ratio Lower Upper

65 100

92 74.1 53.9 80.9

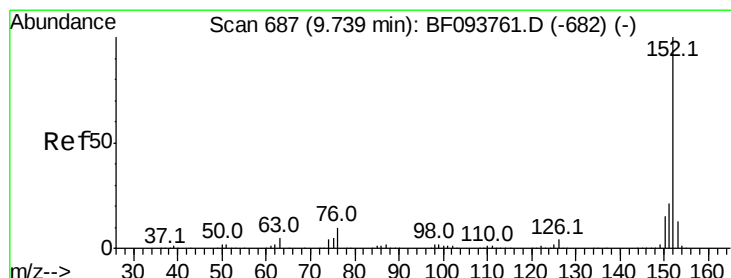
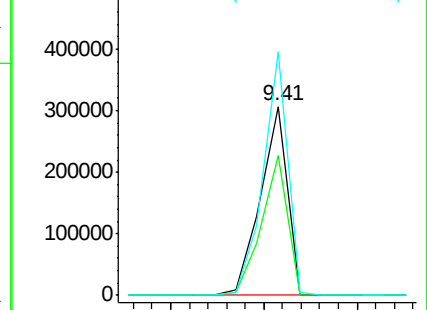
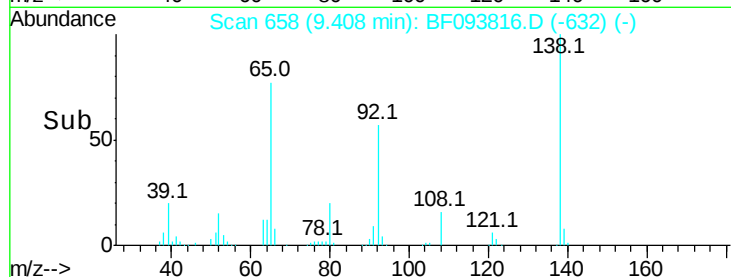
138 129.1 78.8 118.2#



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: 40.25 ng

RT: 9.73 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

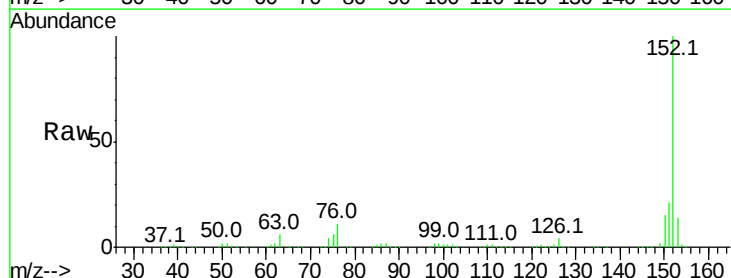
Tgt Ion: 152 Resp: 1404756

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

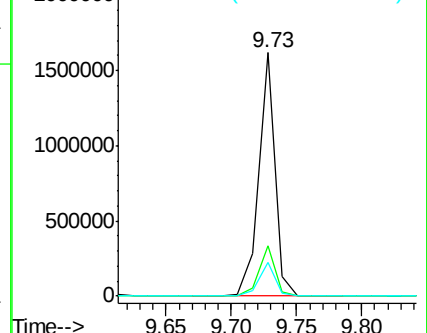
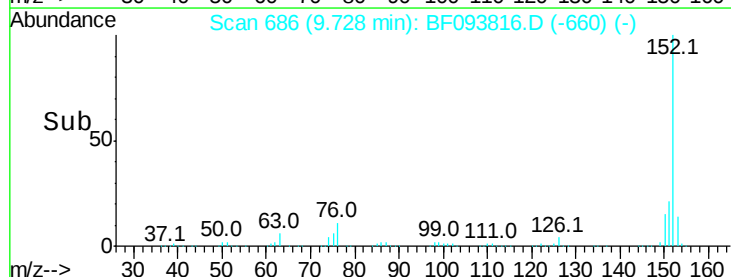
153 13.6 10.8 16.2

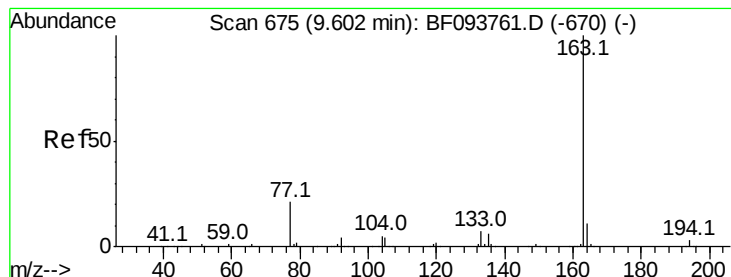


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.28 ng

RT: 9.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

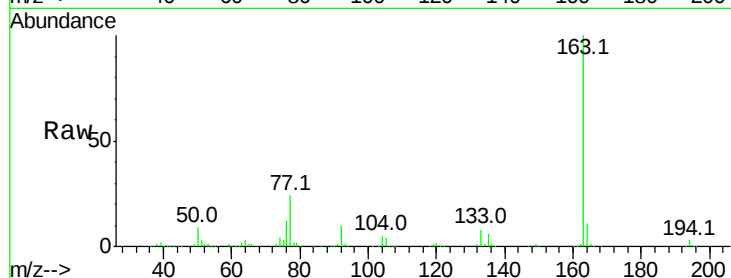
Tot Ion:163 Resp: 961895

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

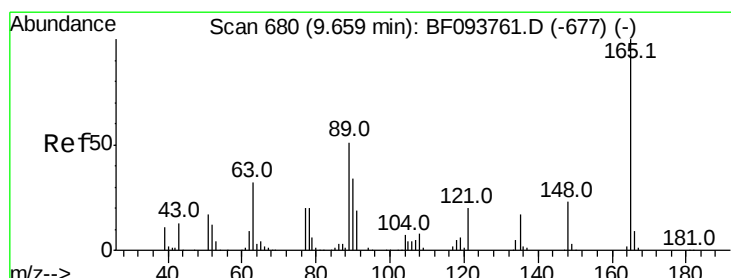
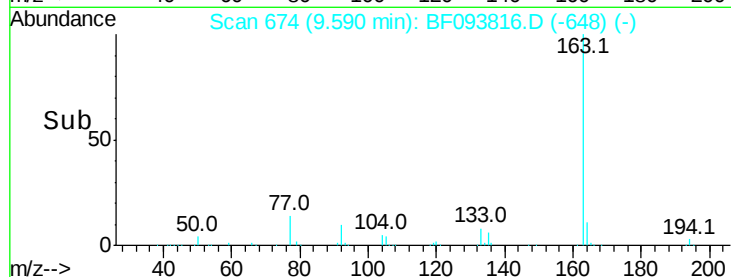
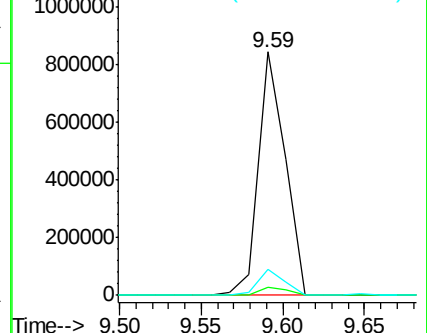
164 10.9 8.4 12.6



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: 41.67 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

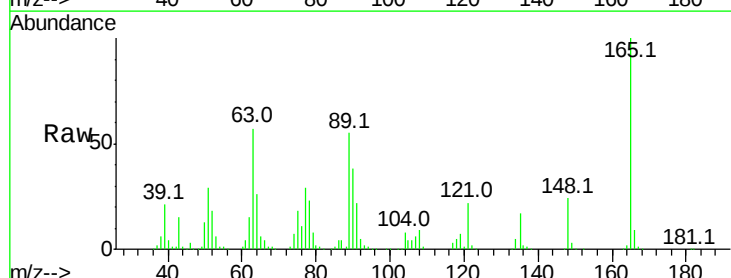
Tgt Ion:165 Resp: 224060

Ion Ratio Lower Upper

165 100

63 57.4 34.3 51.5#

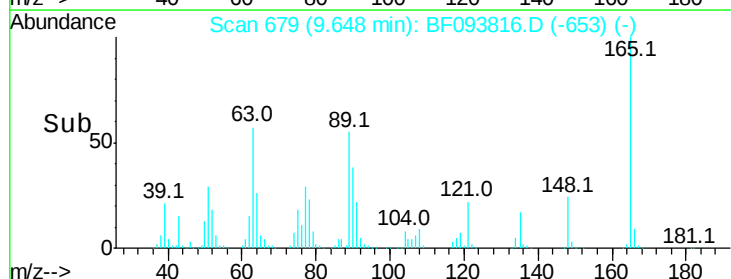
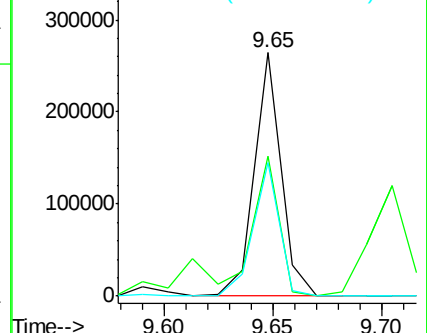
89 54.9 37.1 55.7

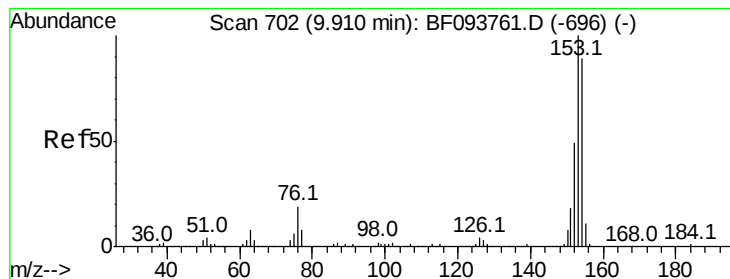


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.38 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

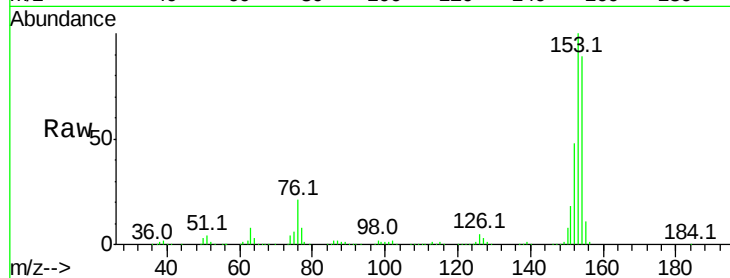
Tot Ion:154 Resp: 799902

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

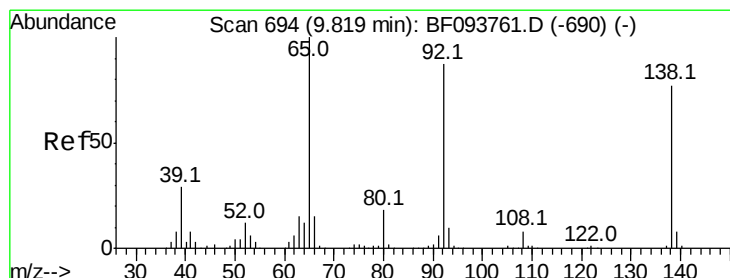
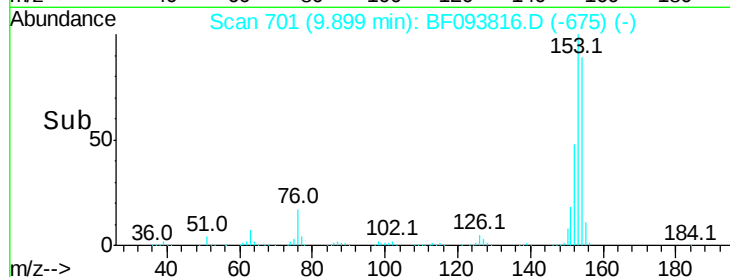
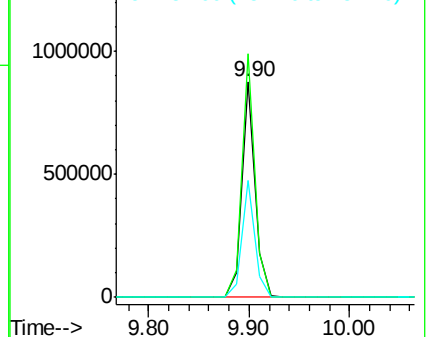
152 54.4 43.6 65.4



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: 46.49 ng

RT: 9.82 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

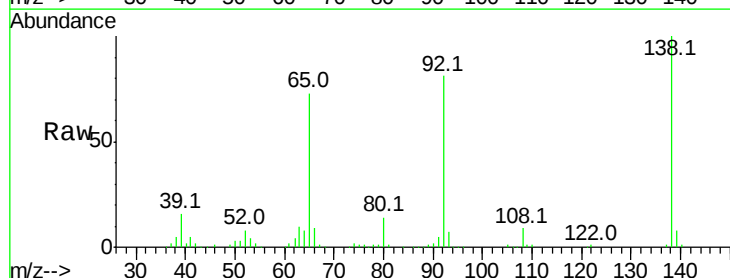
Tgt Ion:138 Resp: 300074

Ion Ratio Lower Upper

138 100

108 8.6 9.1 13.7#

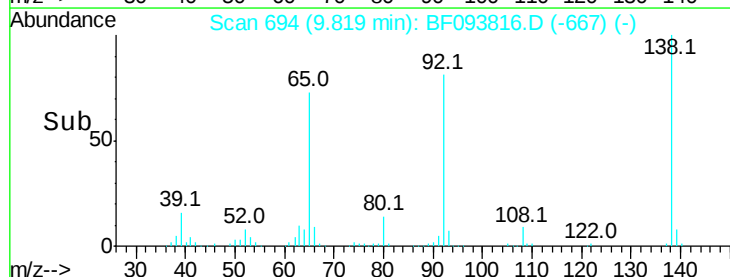
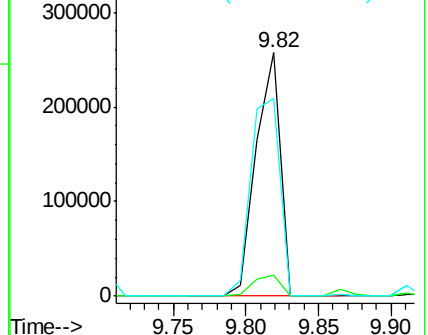
92 81.3 93.8 140.6#

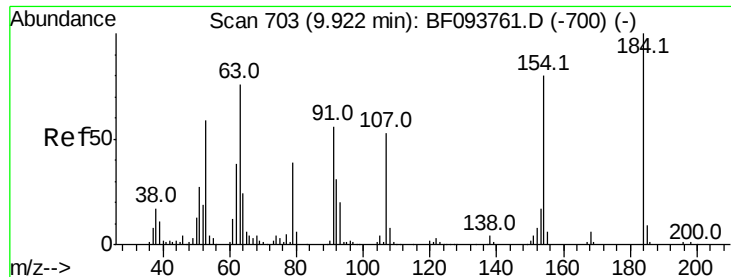


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

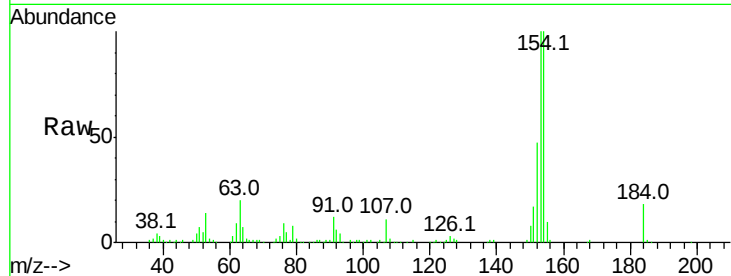




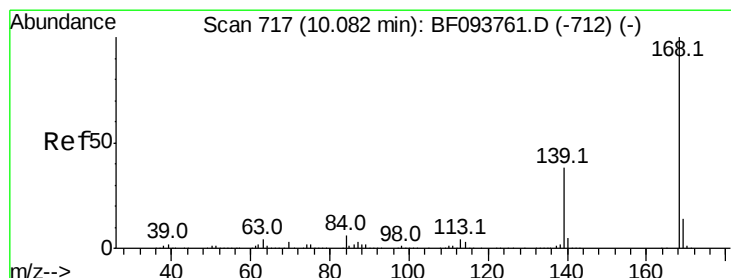
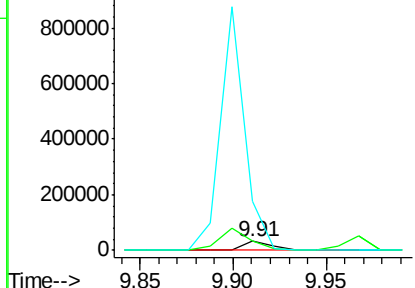
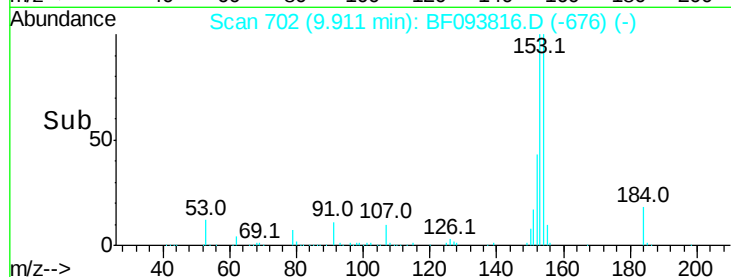
#53
2,4-Dinitrophenol
Concen: 15.23 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 32136
Ion Ratio Lower Upper
184 100
63 113.3 62.7 94.1#
154 564.7 81.1 121.7#

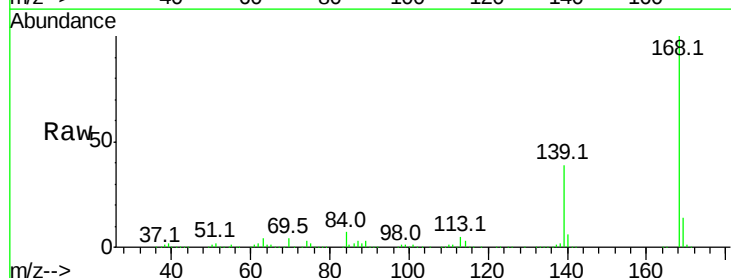


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

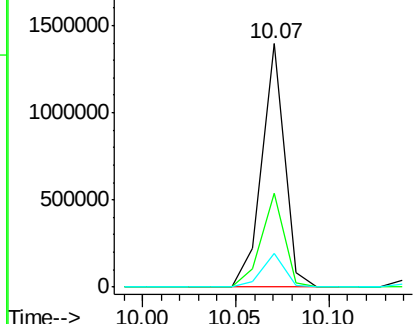
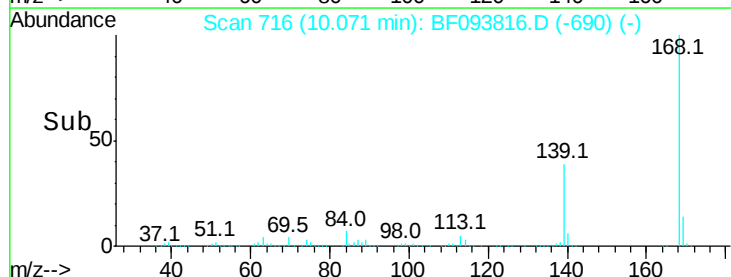


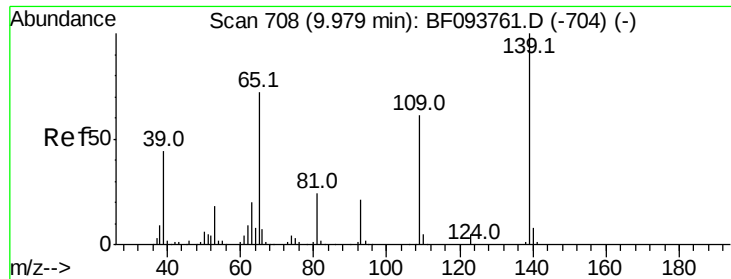
#54
Dibenzofuran
Concen: 41.70 ng
RT: 10.07 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:168 Resp: 1169630
Ion Ratio Lower Upper
168 100
139 38.8 30.6 45.8
169 13.8 10.8 16.2



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

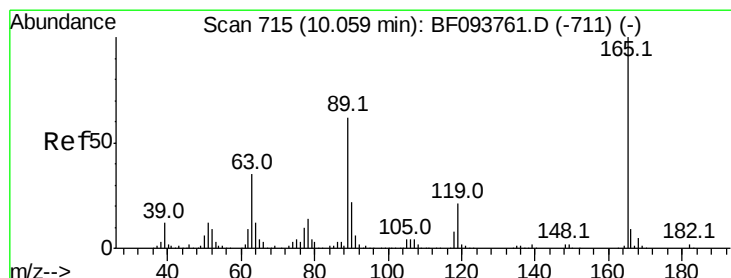
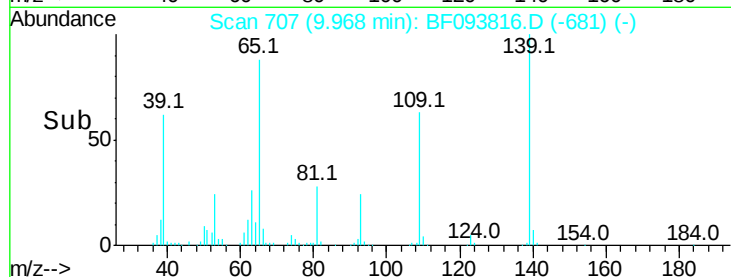
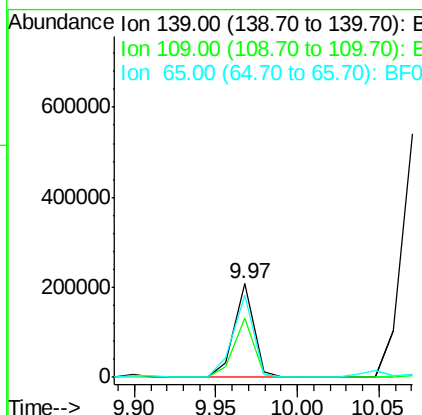
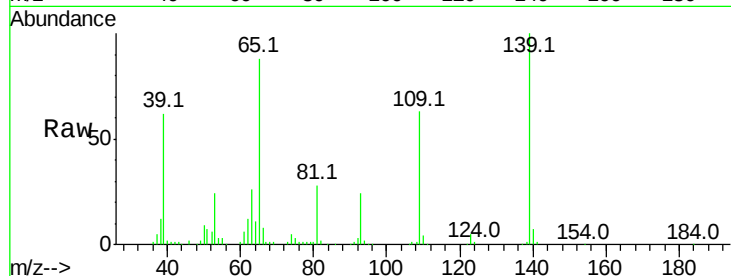




#55
4-Nitrophenol
Concen: 36.66 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

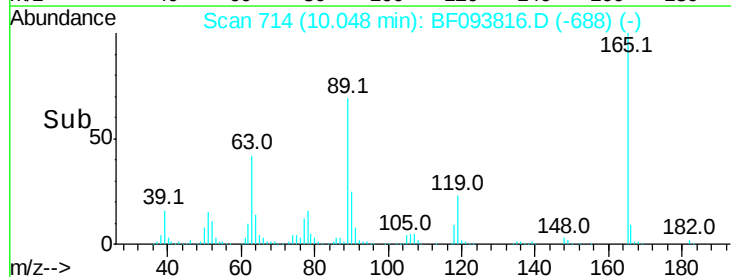
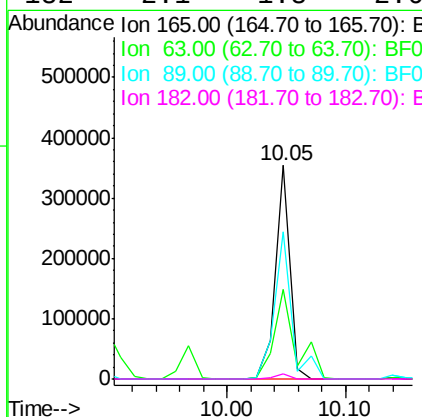
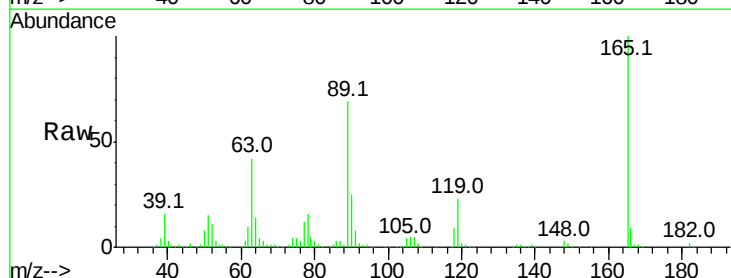
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

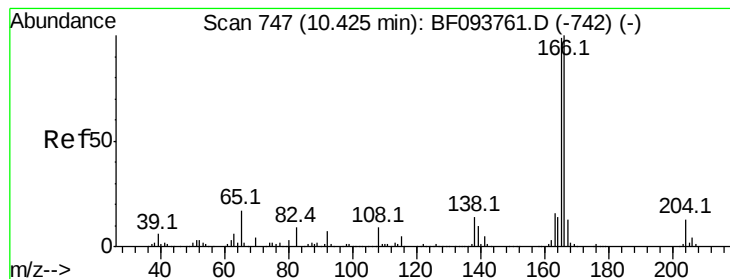
Tot Ion:139 Resp: 177746
Ion Ratio Lower Upper
139 100
109 62.6 34.1 74.1
65 87.8 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 43.97 ng
RT: 10.05 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:165 Resp: 300114
Ion Ratio Lower Upper
165 100
63 41.7 25.4 38.0#
89 68.9 46.4 69.6
182 2.1 1.8 2.6





#57

Fluorene

Concen: 41.39 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

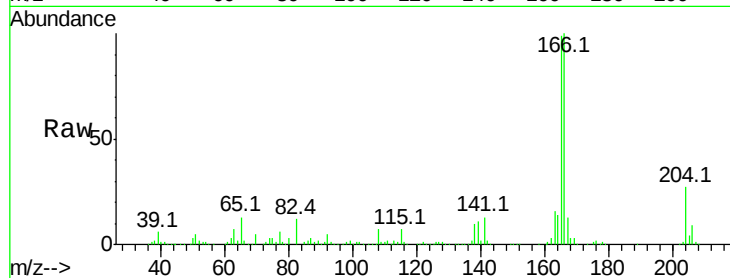
Tot Ion:166 Resp: 889190

Ion Ratio Lower Upper

166 100

165 98.5 78.8 118.2

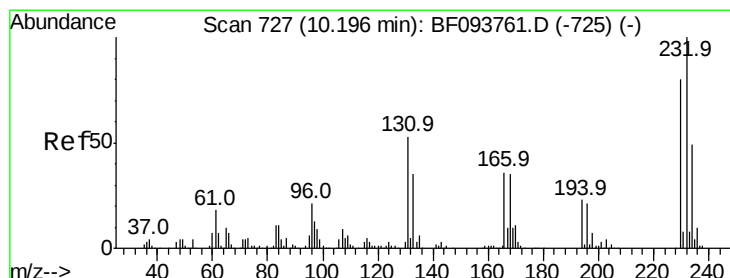
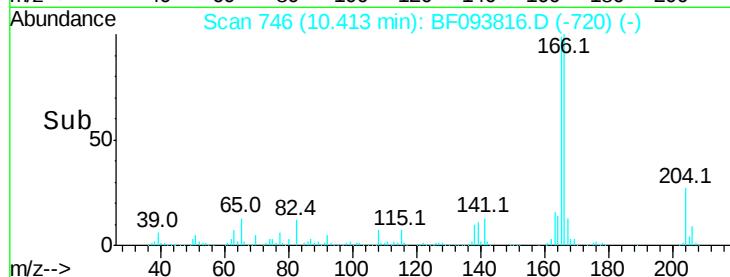
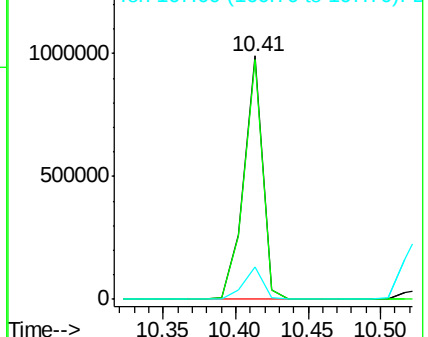
167 13.3 10.6 16.0



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: 38.76 ng

RT: 10.18 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Tgt Ion:232 Resp: 182881

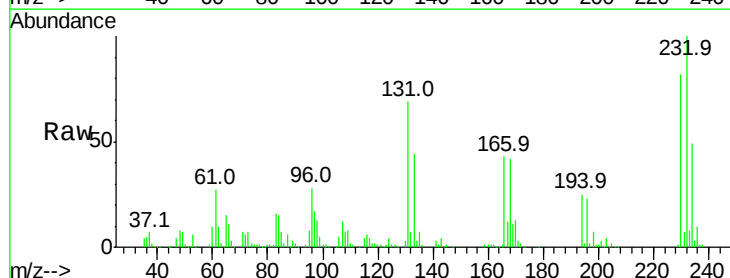
Ion Ratio Lower Upper

232 100

131 57.7 44.8 67.2

130 2.5 2.3 3.5

166 37.7 29.0 43.4

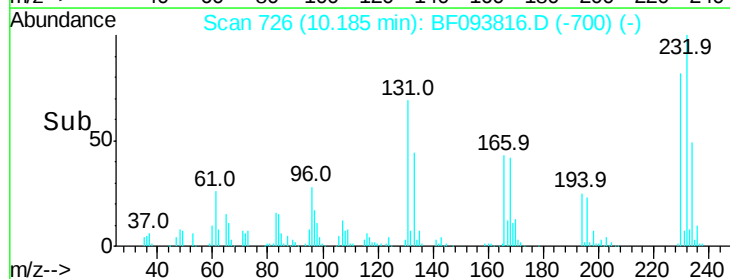
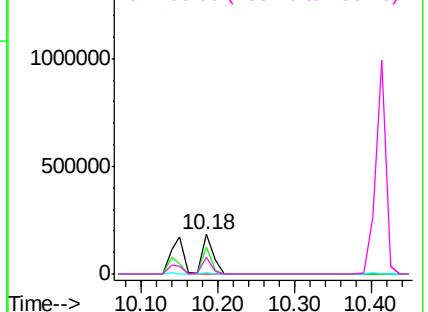


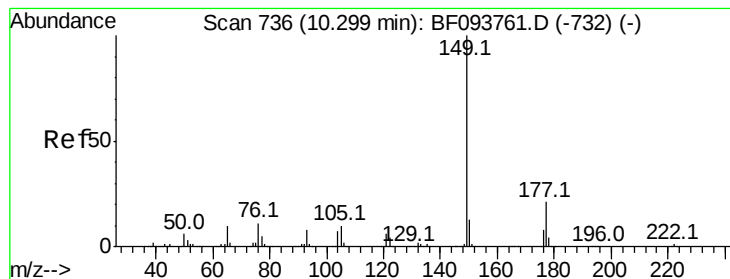
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.75 ng

RT: 10.29 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

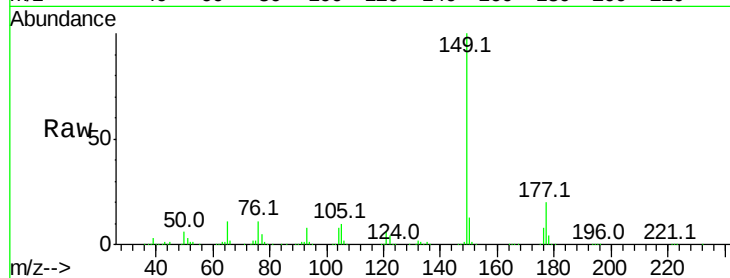
Tot Ion:149 Resp: 972704

Ion Ratio Lower Upper

149 100

177 20.3 16.7 25.1

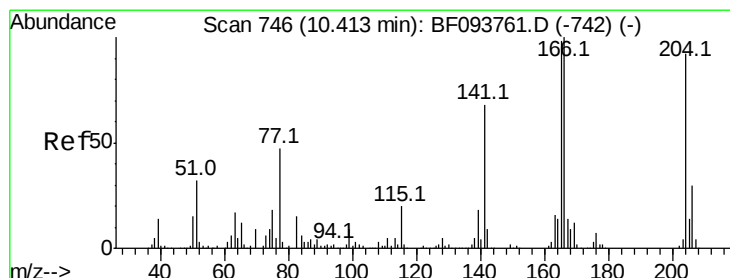
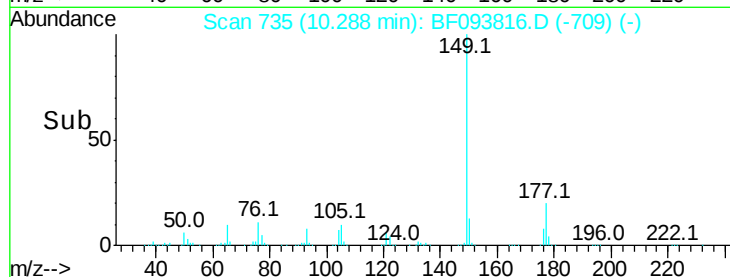
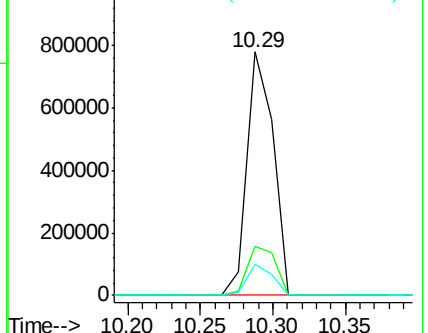
150 12.9 10.2 15.2



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: 42.30 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

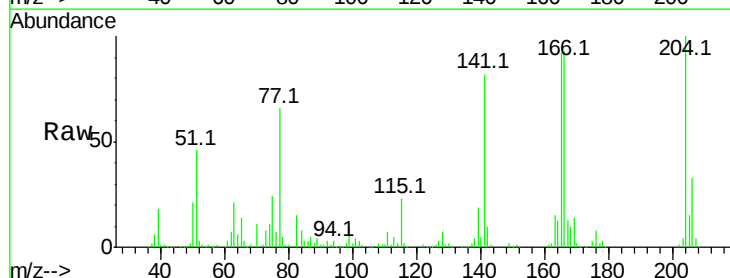
Tgt Ion:204 Resp: 383022

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.2

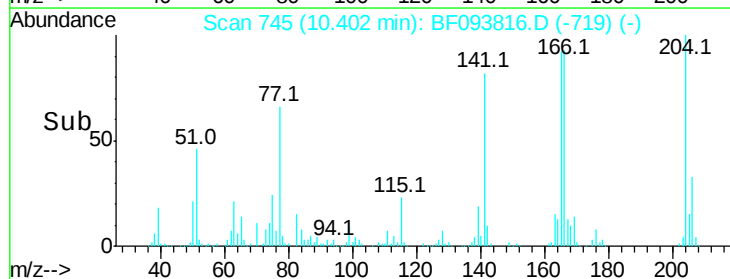
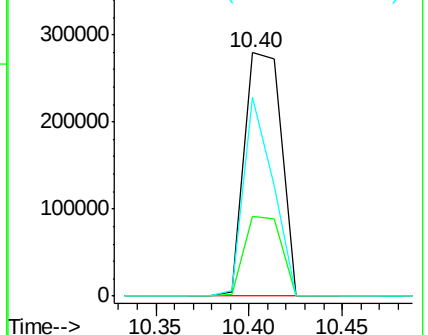
141 81.6 60.8 91.2

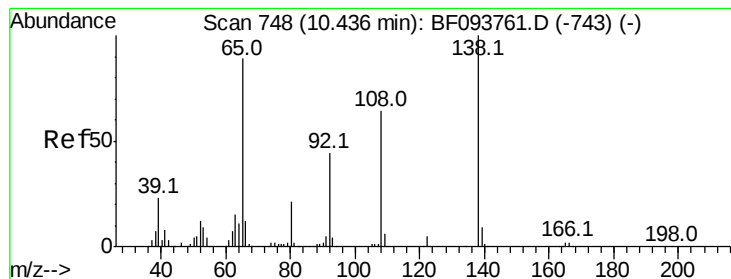


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.42 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

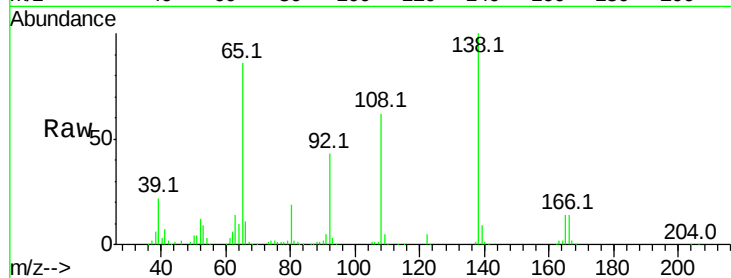
Tot Ion:138 Resp: 262219

Ion Ratio Lower Upper

138 100

92 42.6 21.8 61.8

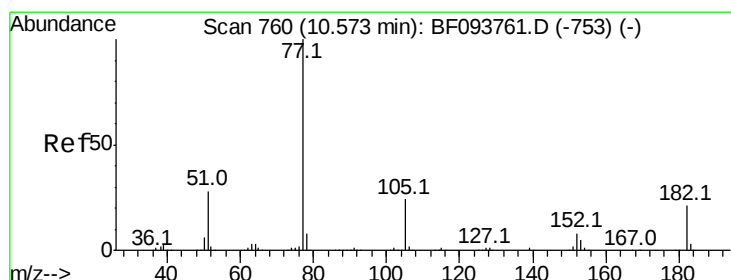
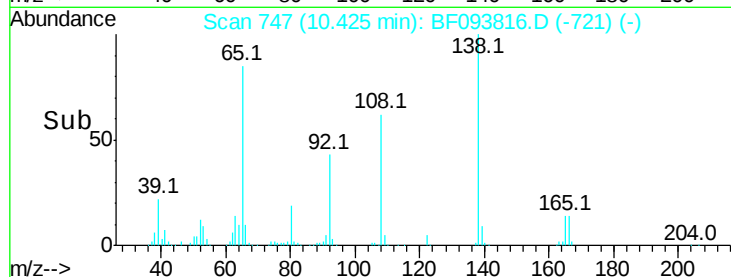
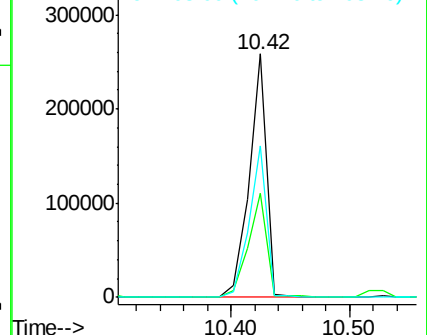
108 62.3 42.3 82.3



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: 36.08 ng

RT: 10.56 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Tgt Ion: 77 Resp: 851712

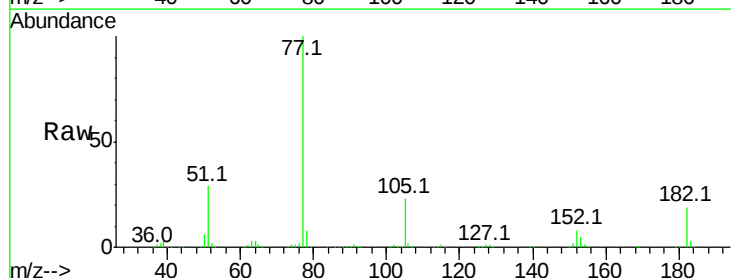
Ion Ratio Lower Upper

77 100

182 18.8 0.1 40.1

105 23.3 3.6 43.6

51 29.2 9.4 49.4

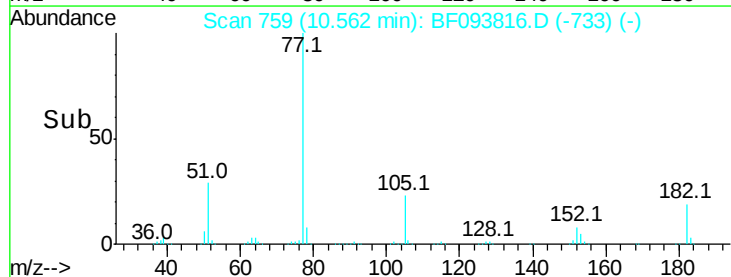
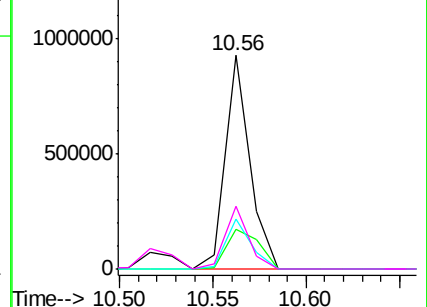


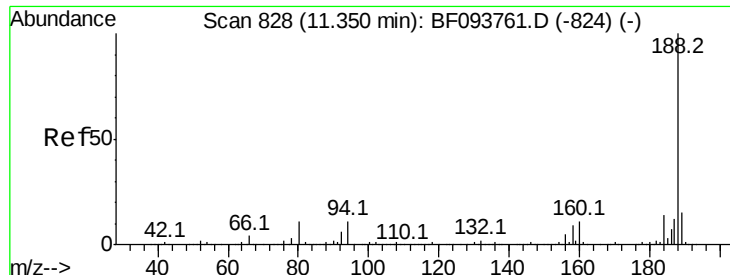
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

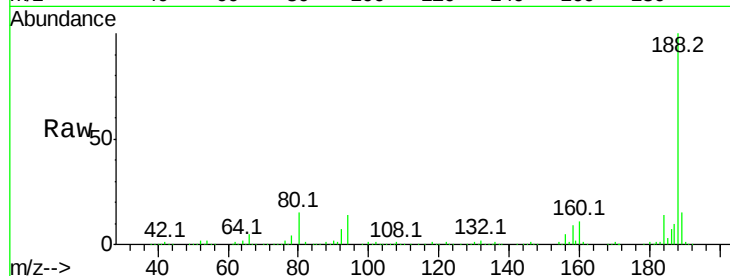




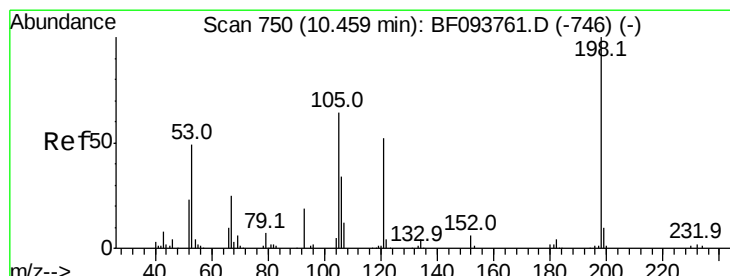
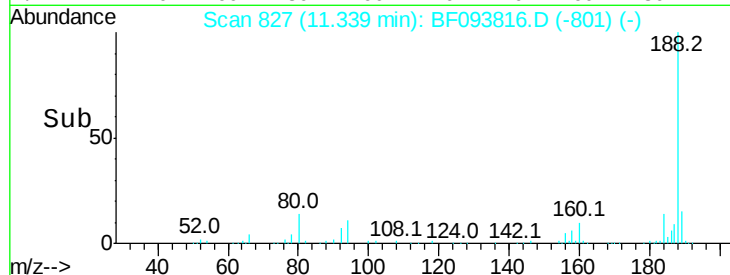
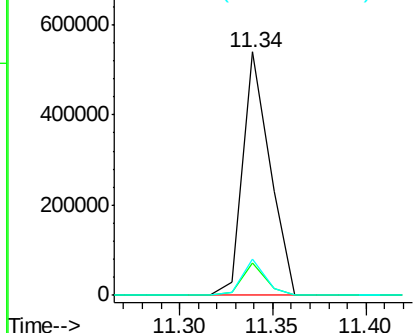
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 549097
Ion Ratio Lower Upper
188 100
94 13.6 9.4 14.2
80 14.8 10.2 15.2

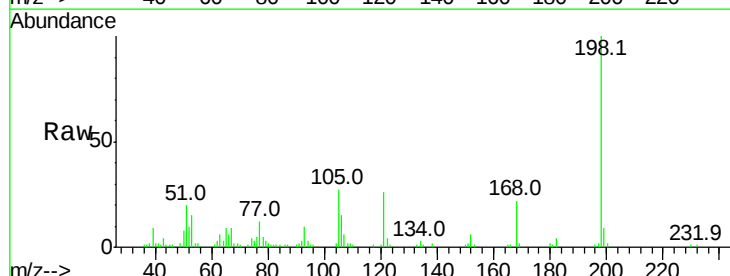


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

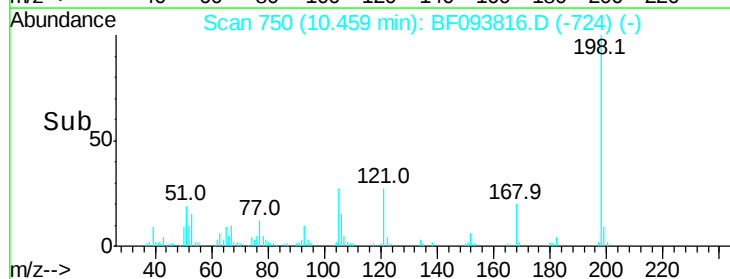
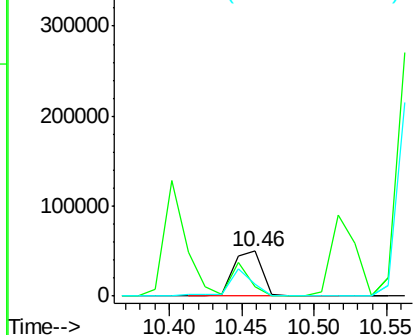


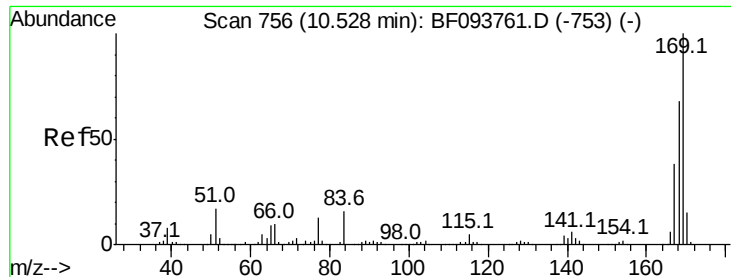
#64
4,6-Dinitro-2-methylphenol
Concen: 21.09 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:198 Resp: 67088
Ion Ratio Lower Upper
198 100
51 19.8 53.2 93.2#
105 27.2 45.8 85.8#



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

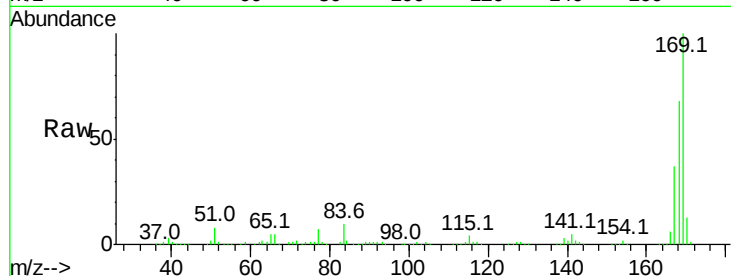




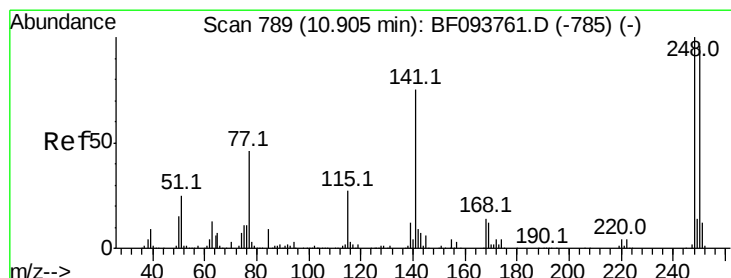
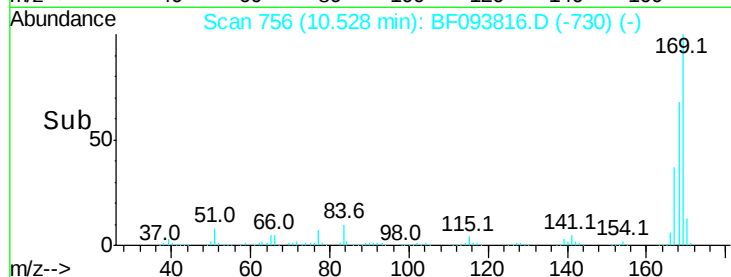
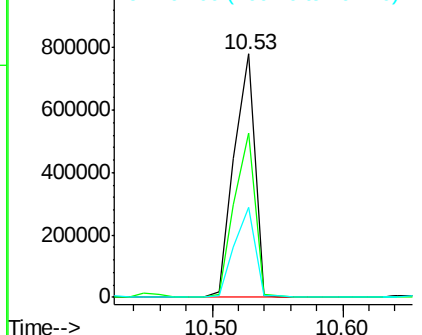
#65
n-Nitrosodiphenylamine
Concen: 46.78 ng
RT: 10.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 856302
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 36.7 29.5 44.3

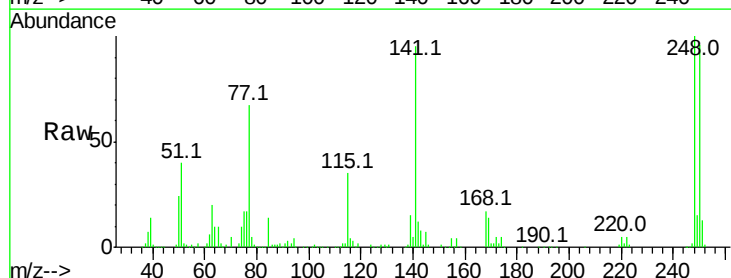


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

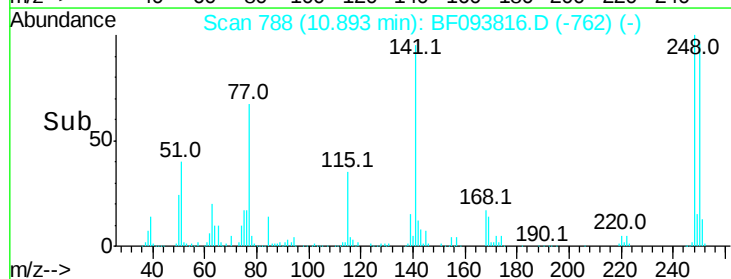
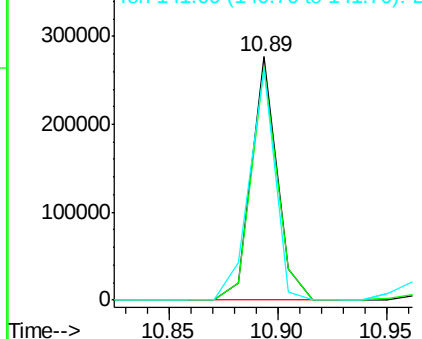


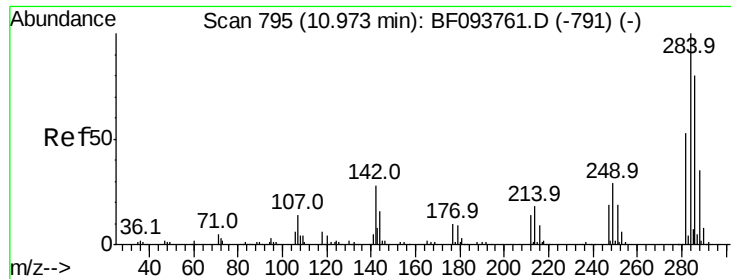
#66
4-Bromophenyl-phenylether
Concen: 43.07 ng
RT: 10.89 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:248 Resp: 227625
Ion Ratio Lower Upper
248 100
250 95.9 76.8 115.2
141 95.5 68.6 103.0



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

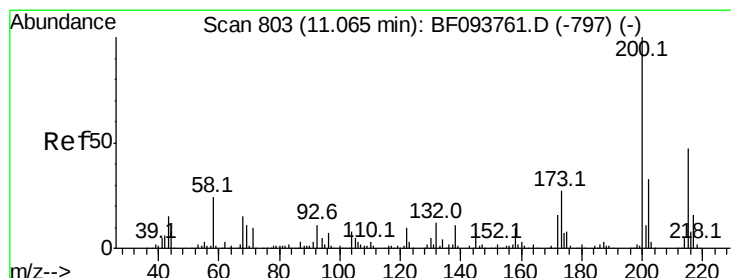
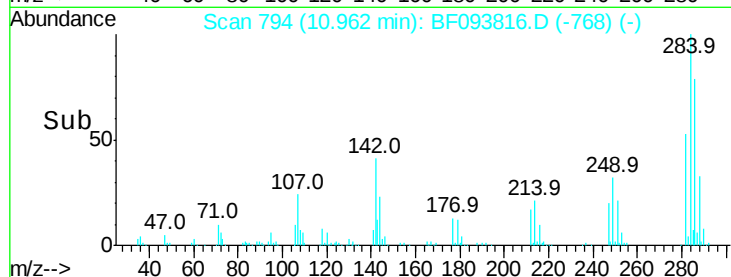
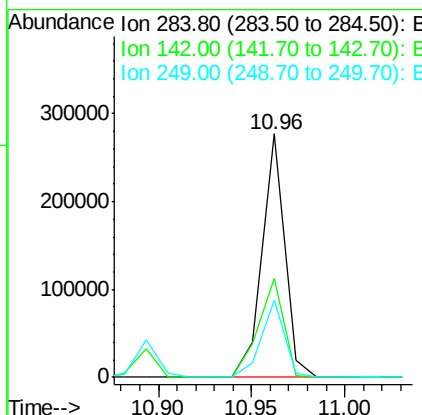
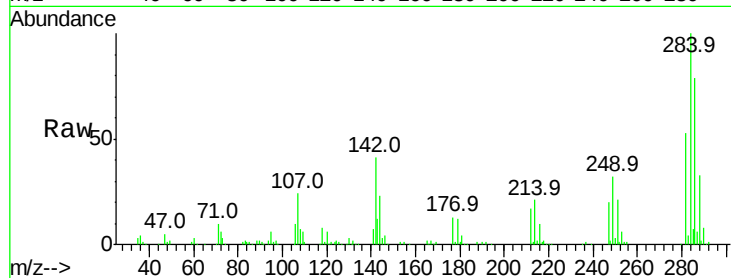




#67
Hexachlorobenzene
Concen: 42.53 ng
RT: 10.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

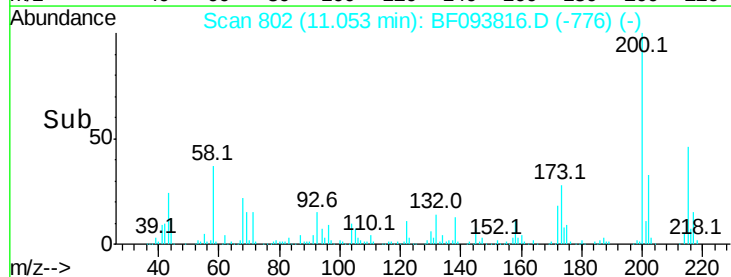
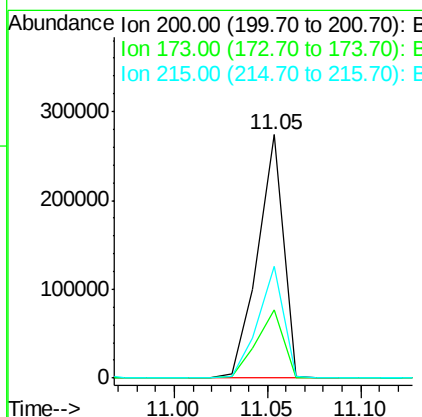
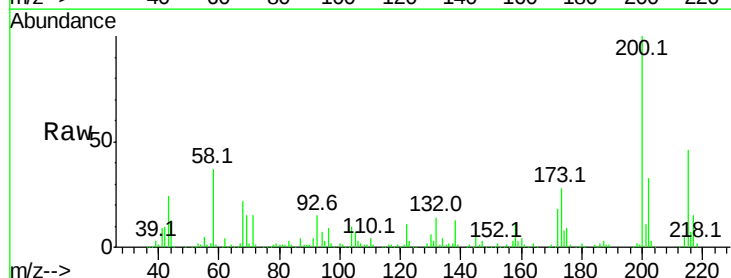
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

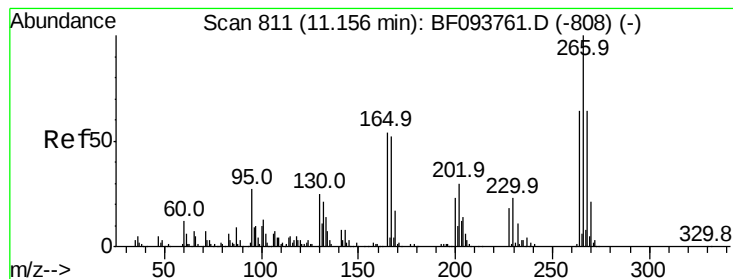
Tot Ion	Ratio	Lower	Upper
284	100		
142	40.5	22.8	34.2#
249	32.0	24.0	36.0



#68
Atrazine
Concen: 46.53 ng
RT: 11.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	6.3	46.3
215	45.9	27.2	67.2





#69

Pentachlorophenol

Concen: 37.07 ng

RT: 11.14 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

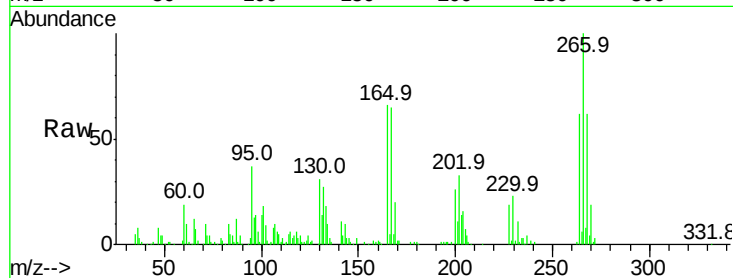
Tot Ion:266 Resp: 118150

Ion Ratio Lower Upper

266 100

268 61.7 51.1 76.7

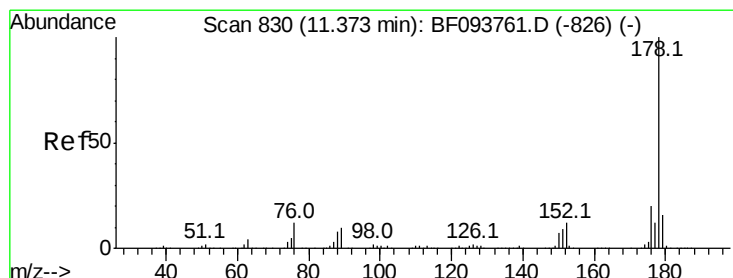
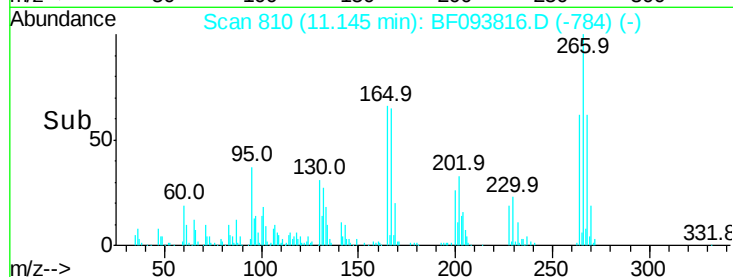
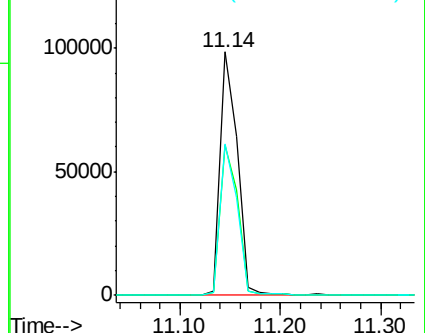
264 62.1 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.26 ng

RT: 11.37 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

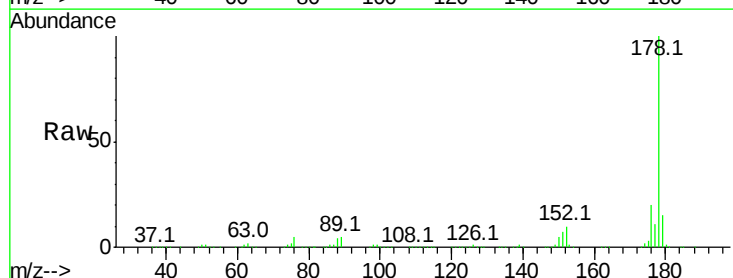
Tgt Ion:178 Resp: 1235869

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

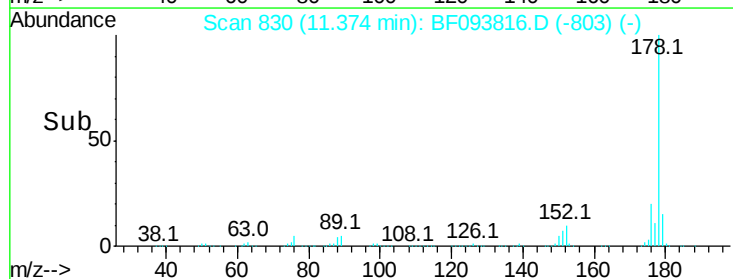
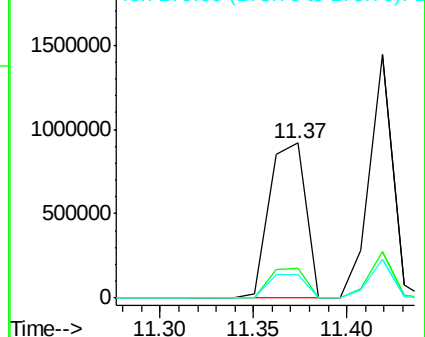
179 15.1 12.6 19.0

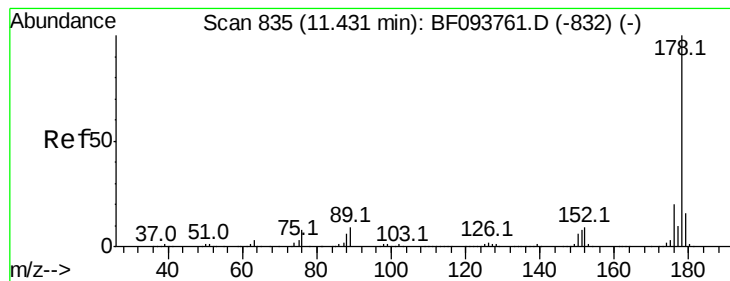


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.23 ng

RT: 11.42 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

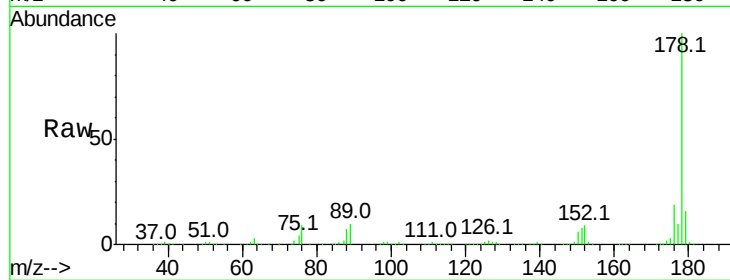
Tot Ion:178 Resp: 1241375

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

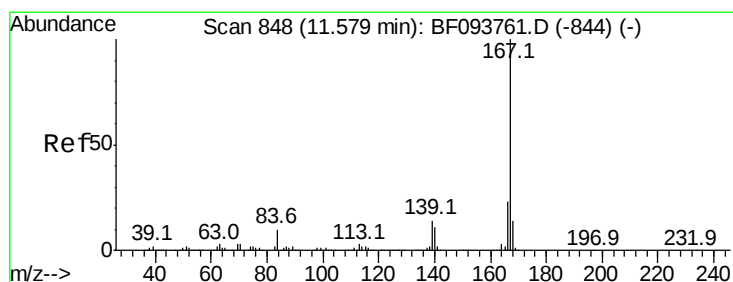
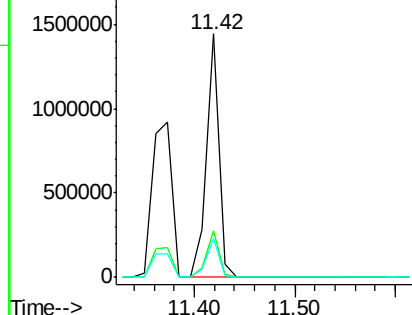
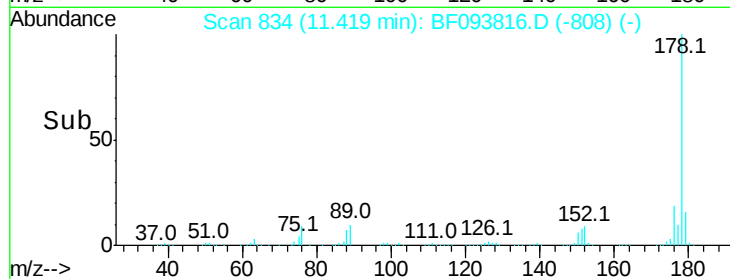
179 15.7 12.7 19.1



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: 37.37 ng

RT: 11.57 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

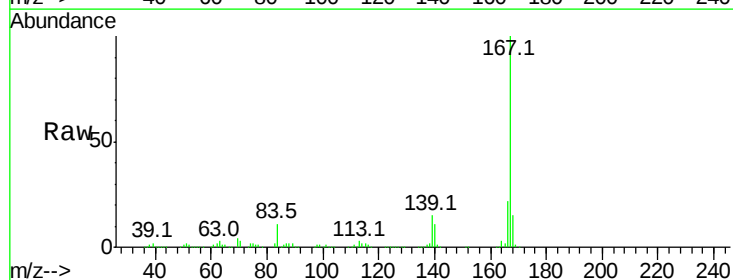
Tgt Ion:167 Resp: 1113993

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

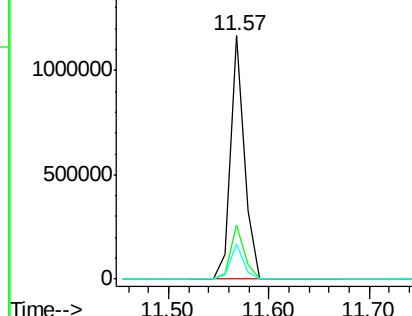
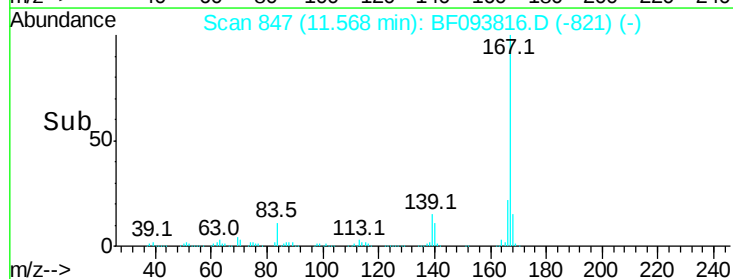
139 14.5 11.7 17.5

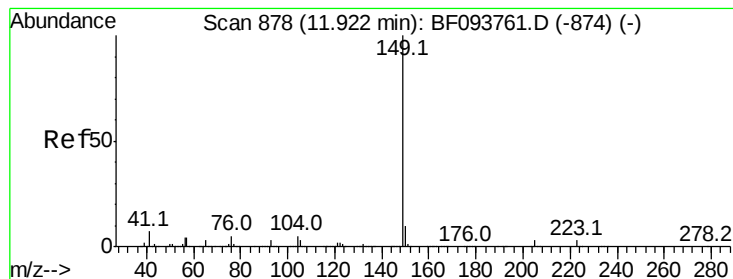


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.56 ng

RT: 11.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

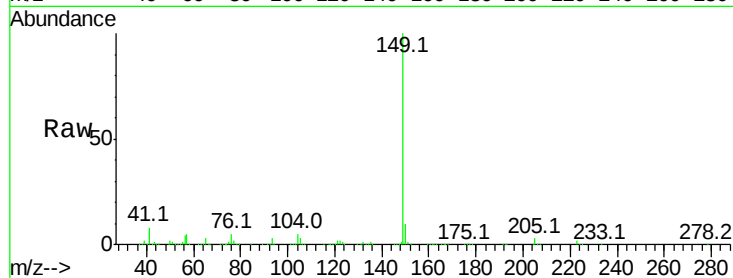
Tot Ion:149 Resp: 1333345

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

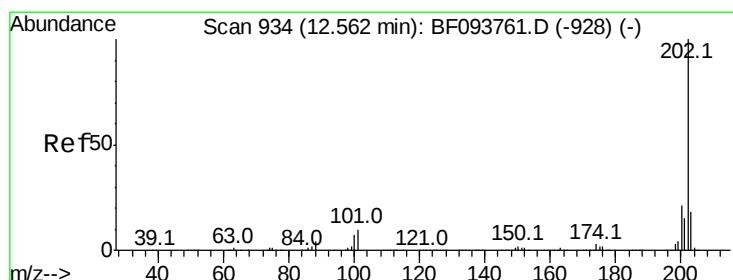
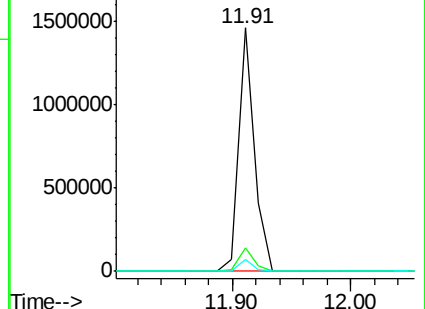
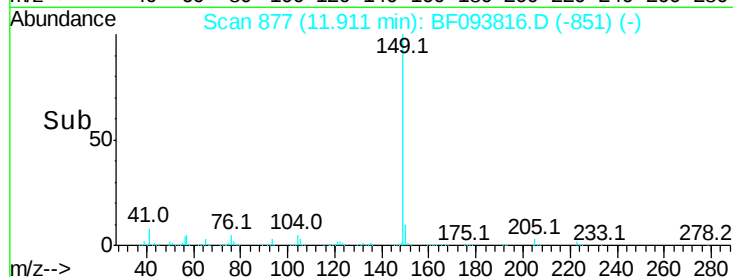
104 5.0 4.0 6.0



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: 36.49 ng

RT: 12.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

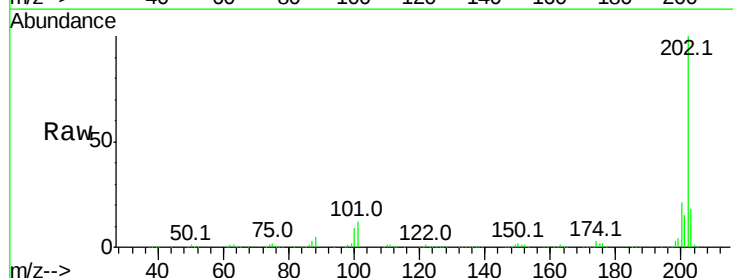
Tgt Ion:202 Resp: 1096857

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

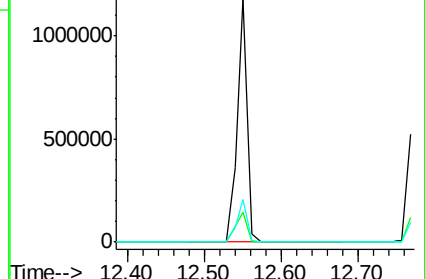
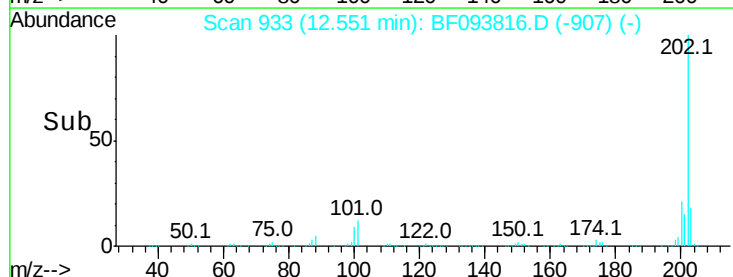
203 17.7 0.0 38.1

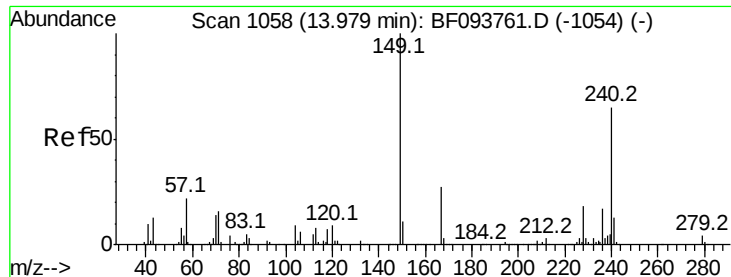


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

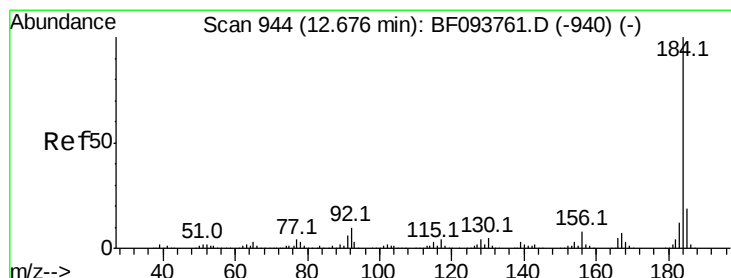
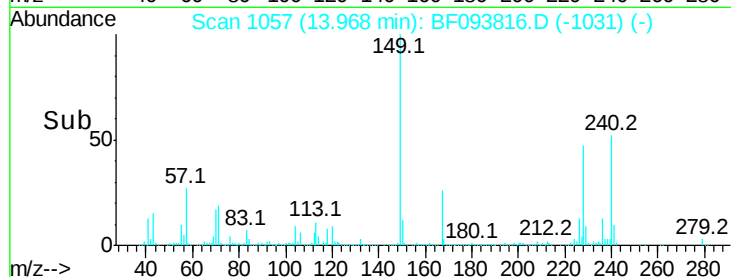
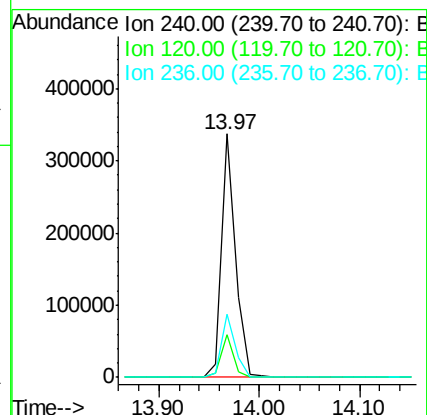
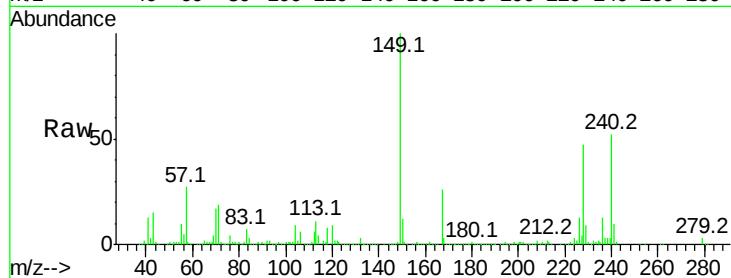
Tot Ion:240 Resp: 324639

Ion Ratio Lower Upper

240 100

120 17.3 5.8 8.8#

236 25.7 20.5 30.7



#76

Benzidine

Concen: 32.08 ng

RT: 12.67 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

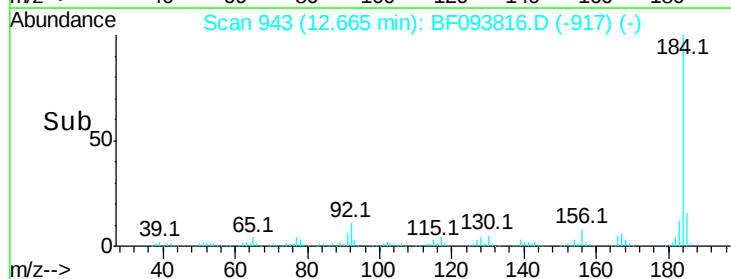
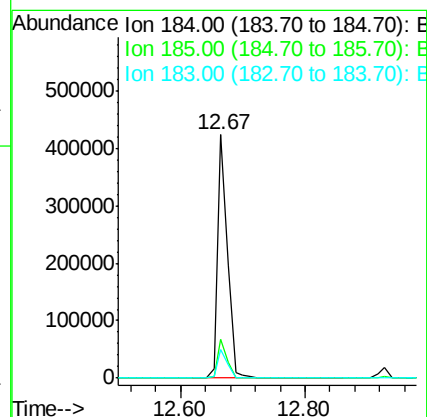
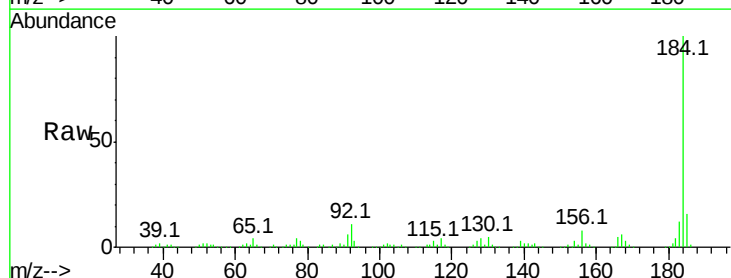
Tgt Ion:184 Resp: 456911

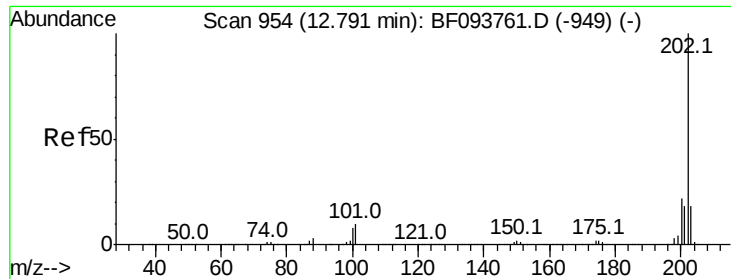
Ion Ratio Lower Upper

184 100

185 15.8 15.5 23.3

183 12.0 9.8 14.6

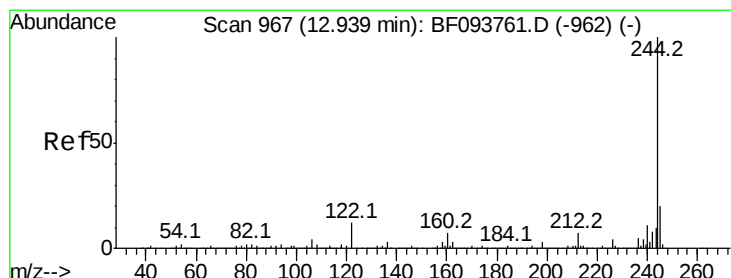
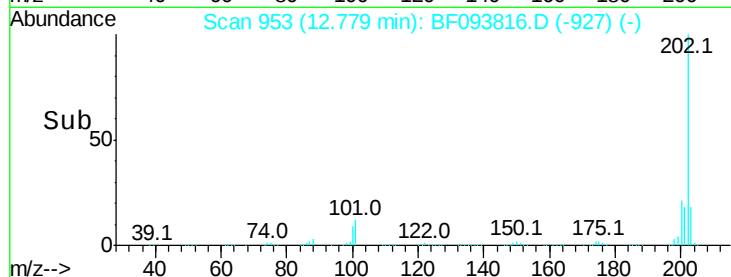
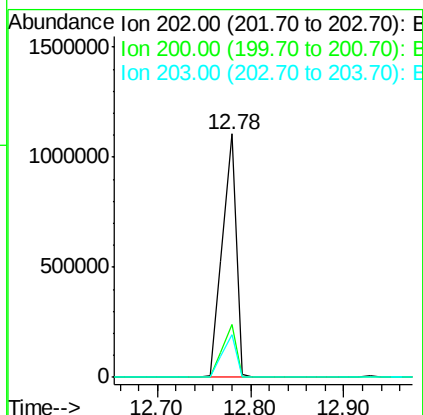
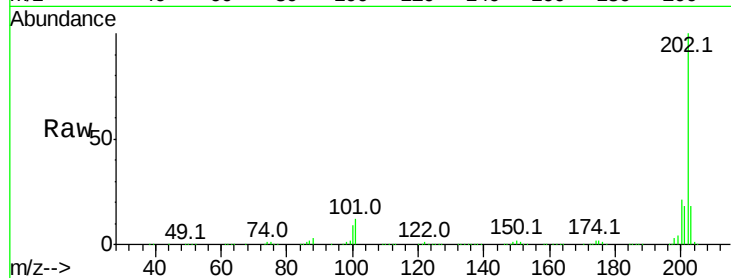




#77
 Pvrene
 Concen: 42.23 ng
 RT: 12.78 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

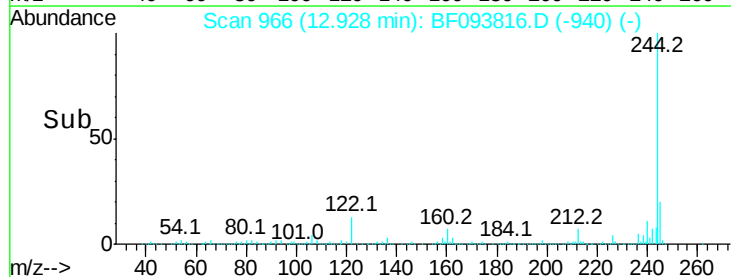
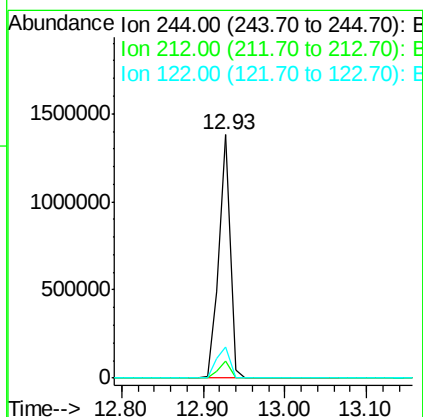
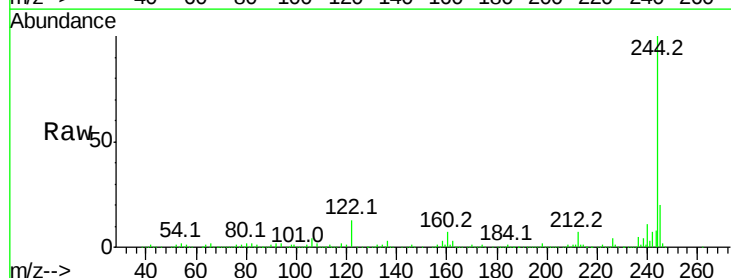
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

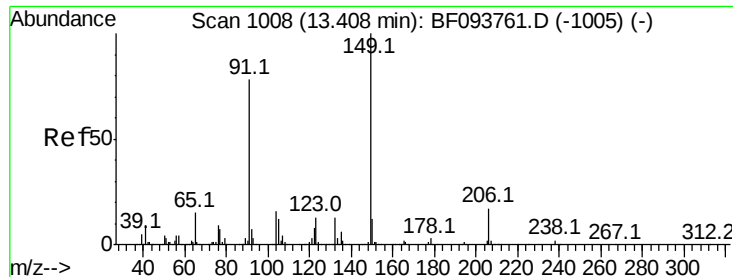
Tot Ion:202 Resp: 1140936
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.6 26.4
 203 17.5 14.4 21.6



#78
 Terphenyl-d14
 Concen: 83.37 ng
 RT: 12.93 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

Tgt Ion:244 Resp: 1327530
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.6 10.3 15.5

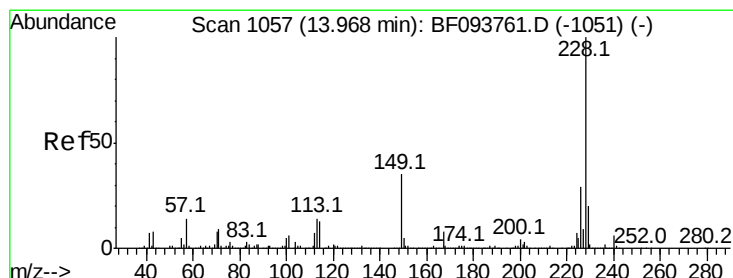
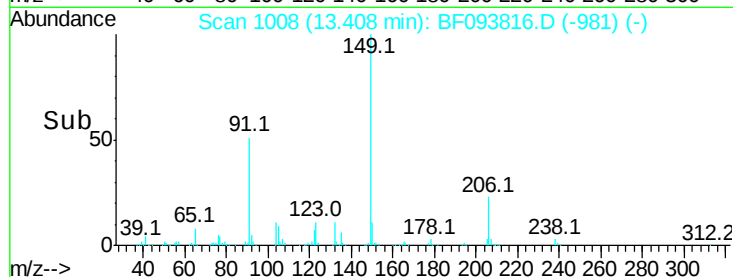
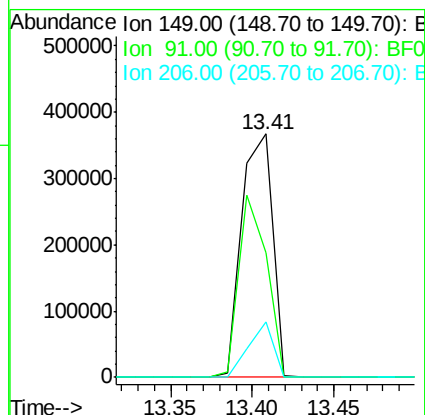
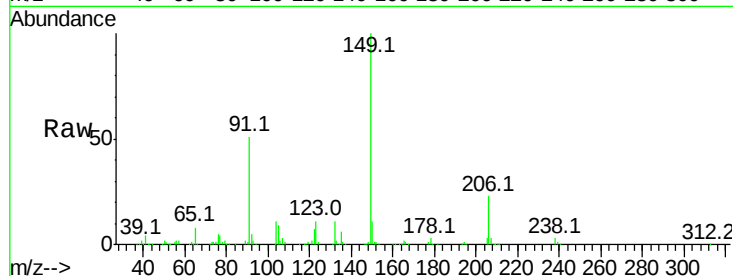




#79
Butylbenzylphthalate
Concen: 39.72 ng
RT: 13.41 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

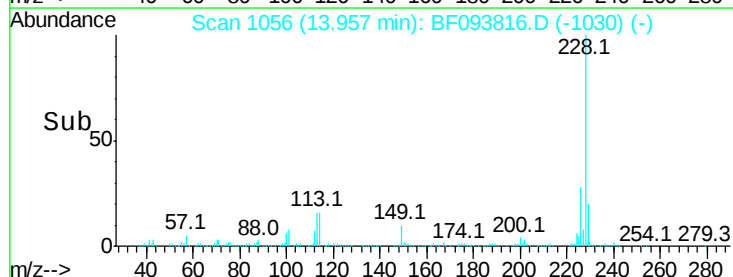
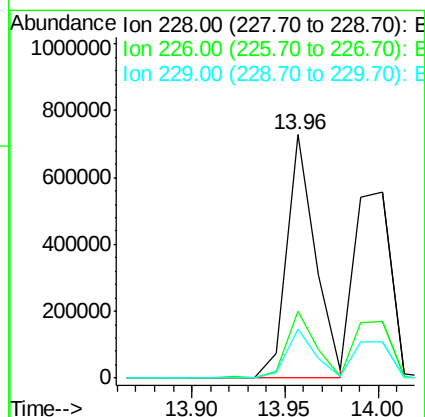
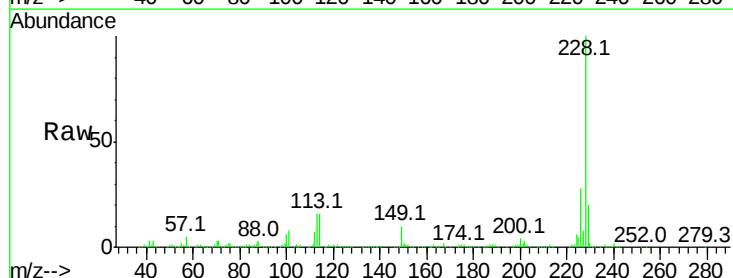
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

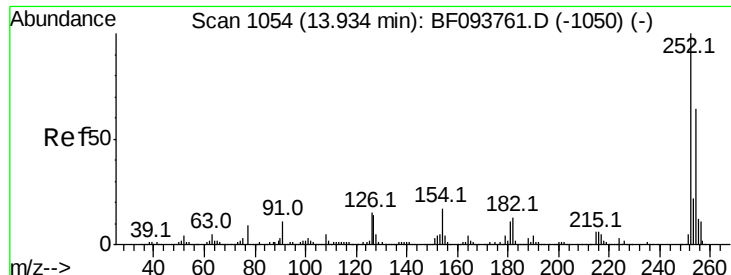
Tot Ion:149 Resp: 479602
Ion Ratio Lower Upper
149 100
91 51.3 45.0 67.4
206 22.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 38.18 ng
RT: 13.96 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:228 Resp: 776445
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.1 16.3 24.5

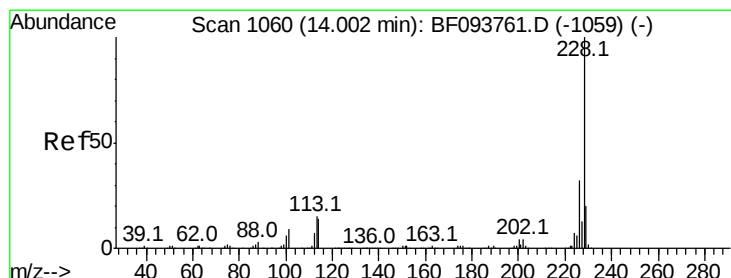
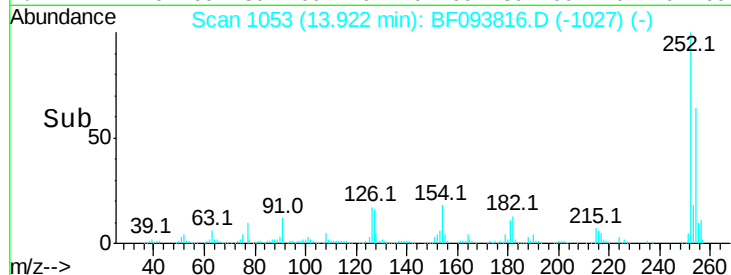
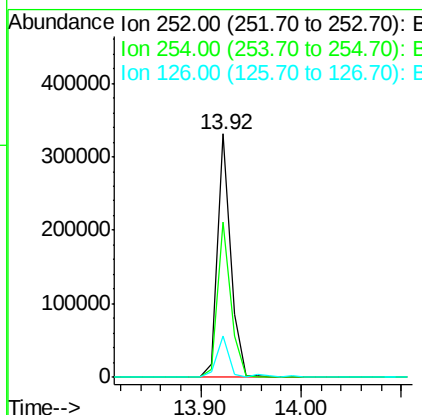
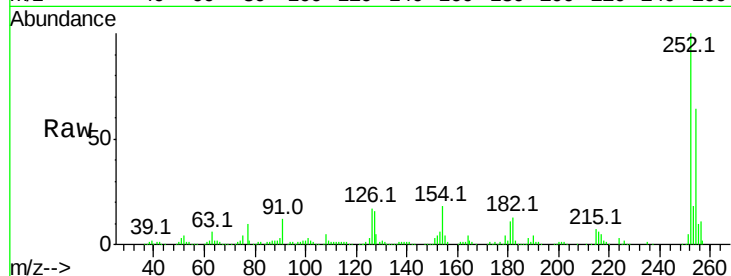




#81
 3,3'-Dichlorobenzidine
 Concen: 39.57 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

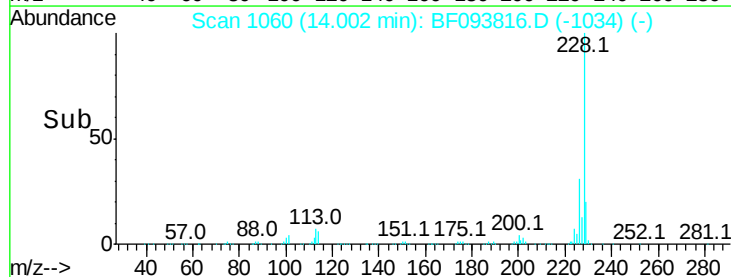
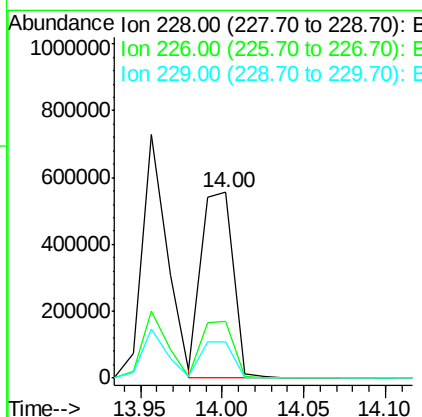
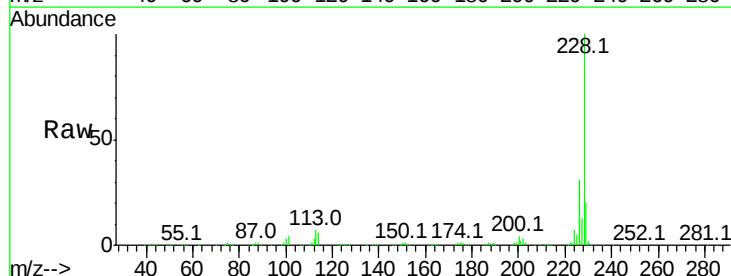
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

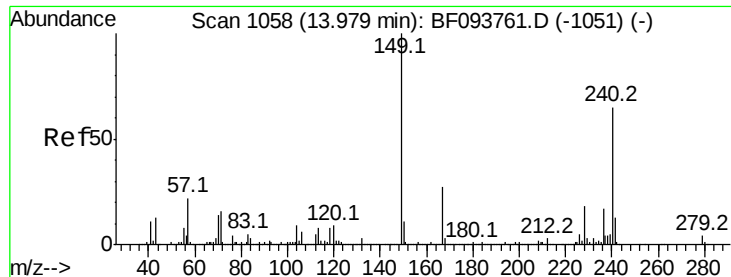
Tot Ion:252 Resp: 303191
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.5 77.3
 126 17.0 15.8 23.8



#82
 Chrysene
 Concen: 37.73 ng
 RT: 14.00 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

Tgt Ion:228 Resp: 766469
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 19.6 15.8 23.6

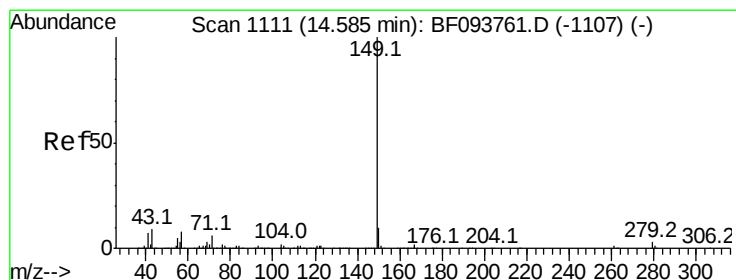
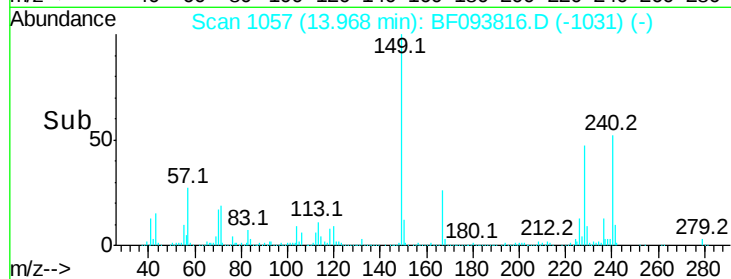
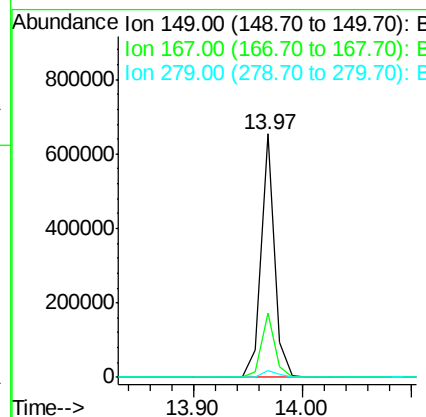
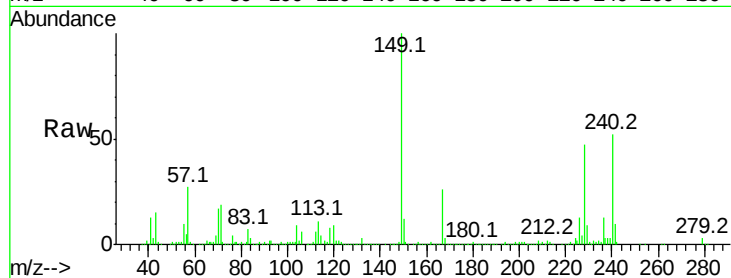




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.14 ng
 RT: 13.97 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

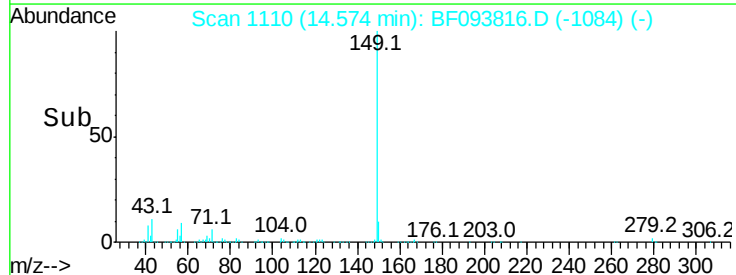
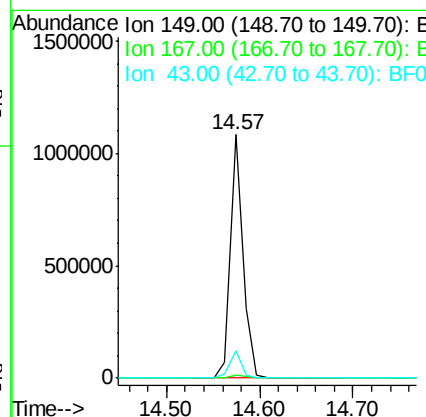
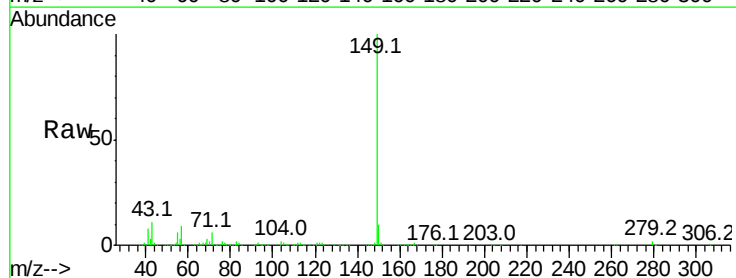
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

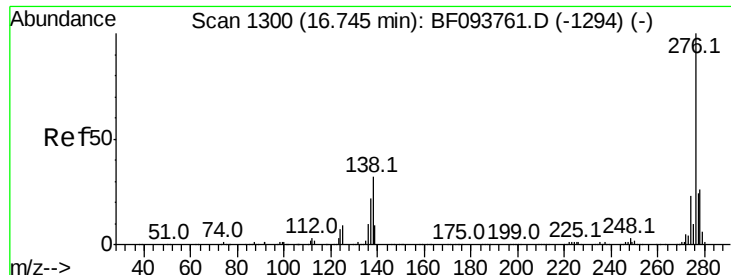
Tot Ion:149 Resp: 569155
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 2.6 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 38.35 ng
 RT: 14.57 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

Tgt Ion:149 Resp: 1017613
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.4 8.5 12.7

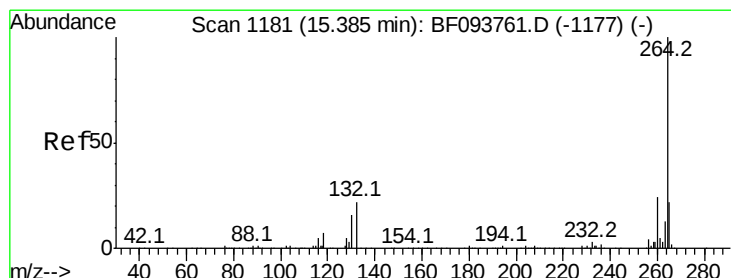
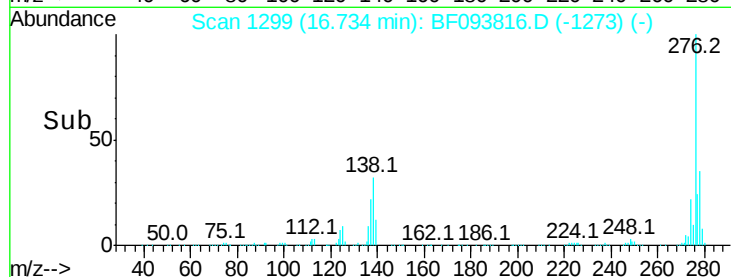
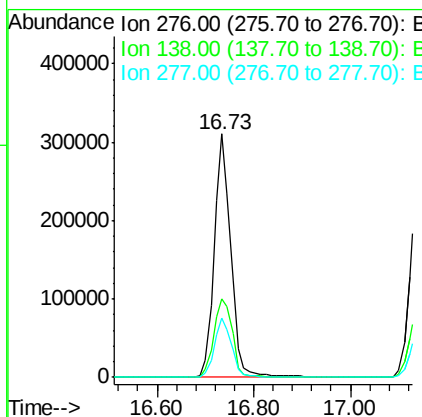
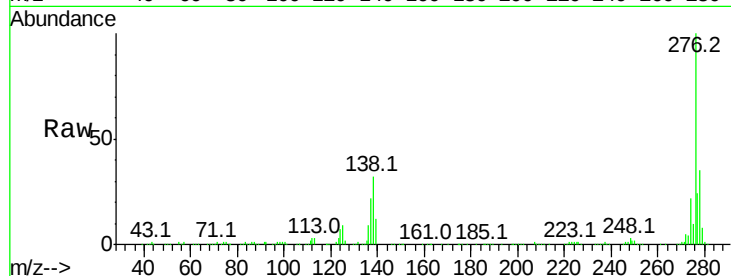




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.07 ng
 RT: 16.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

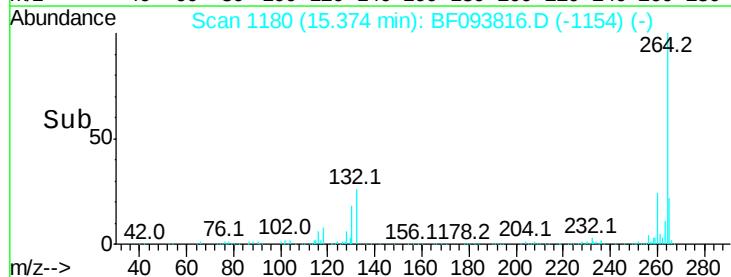
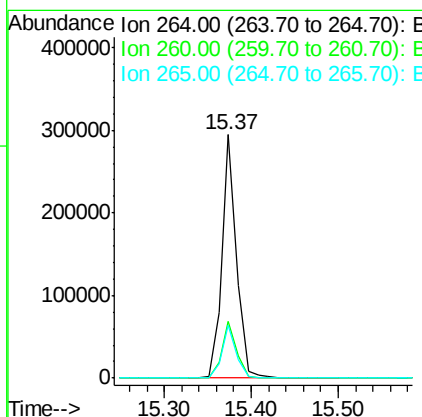
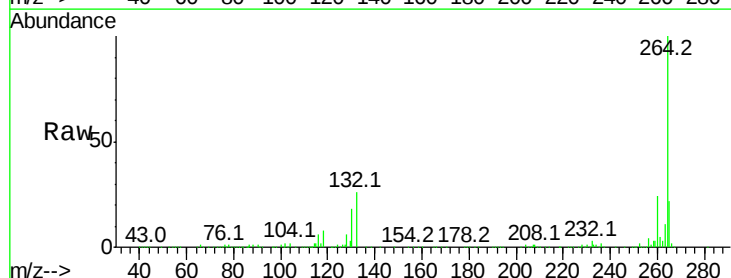
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

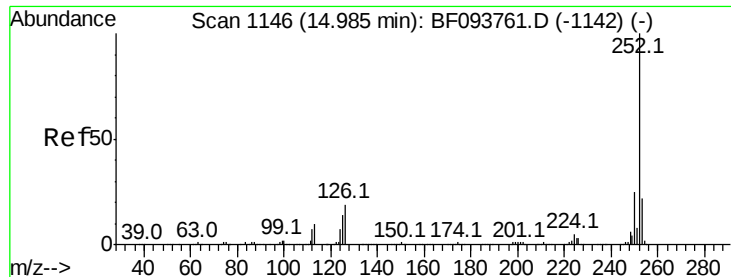
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.5	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF093816.D
 Acq: 22 Mar 2017 5:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 69.55 ng

RT: 15.01 min Scan# 1148

Delta R.T. 0.03 min

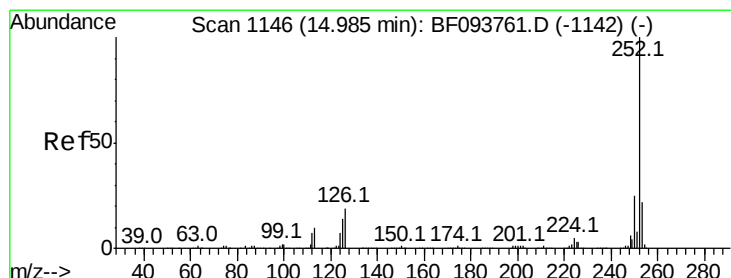
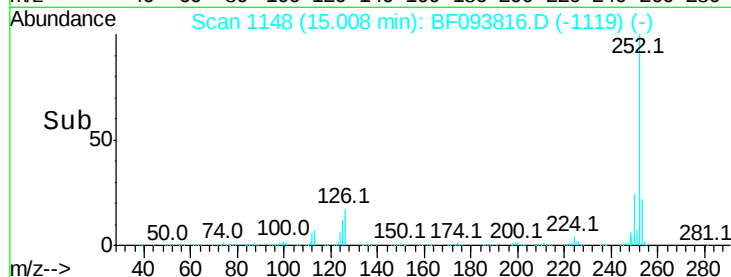
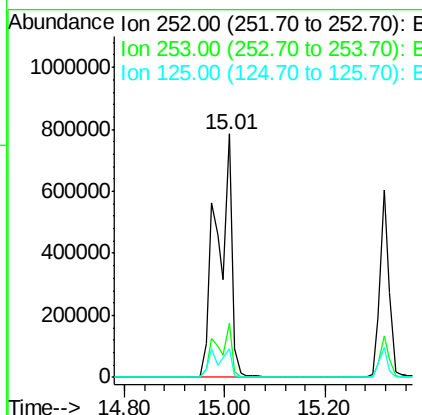
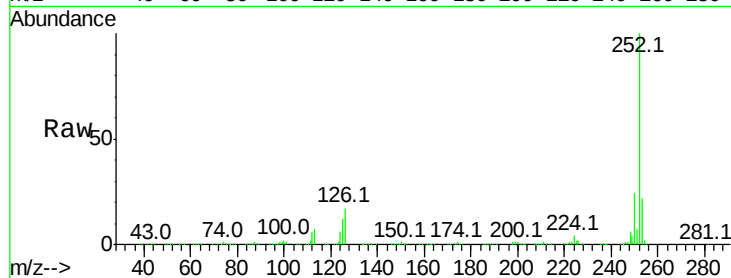
Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1628412

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.9	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 94.20 ng

RT: 15.01 min Scan# 1148

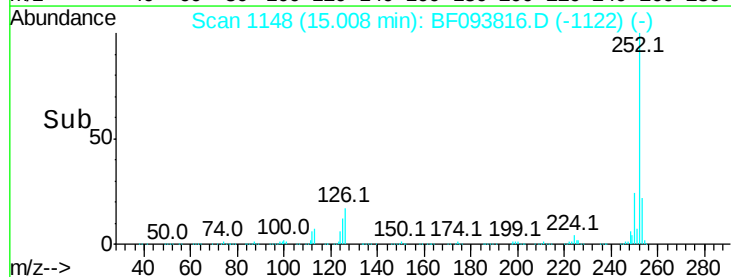
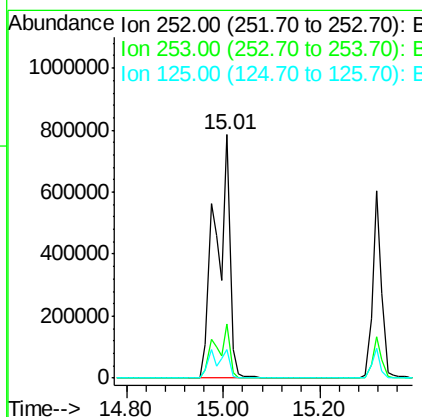
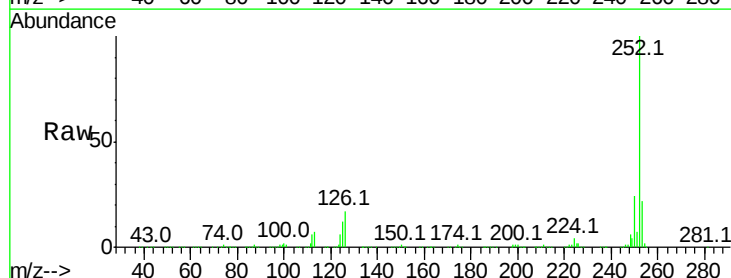
Delta R.T. -0.00 min

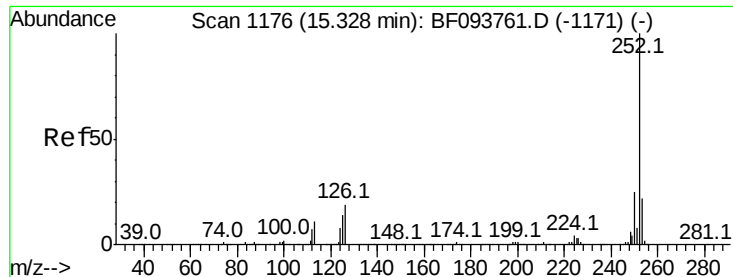
Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Tgt Ion:252 Resp: 1628781

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	11.9	13.1	19.7#

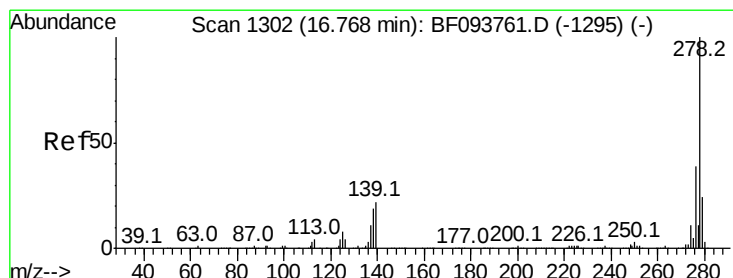
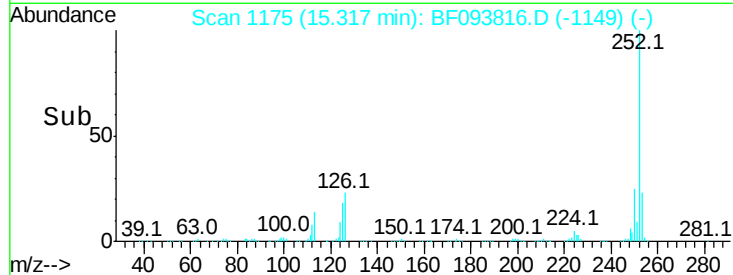
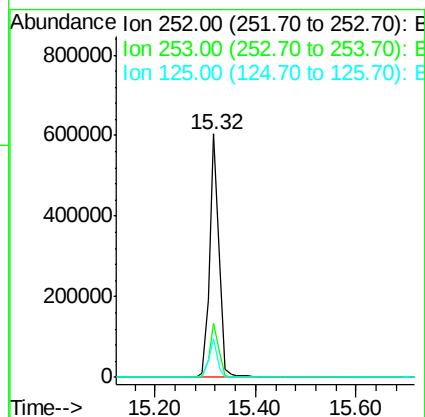
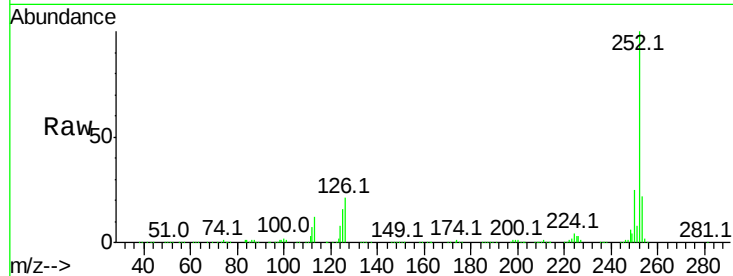




#89
Benzo(a)pyrene
Concen: 40.72 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

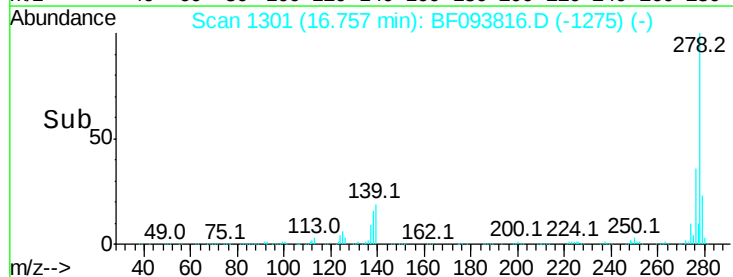
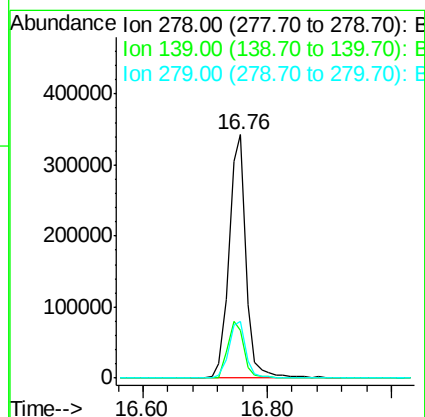
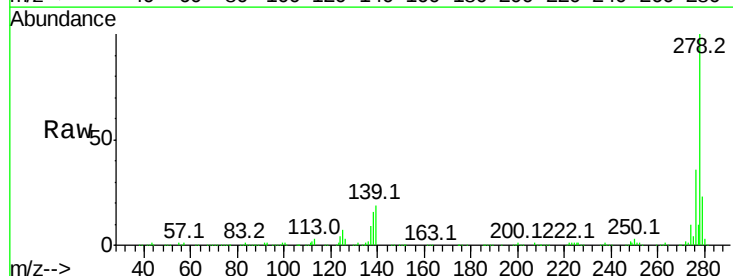
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

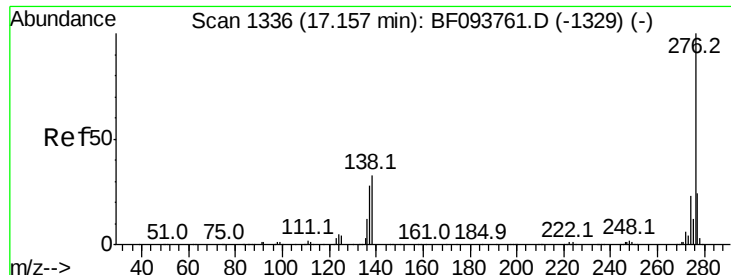
Tot Ion:252 Resp: 773127
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 15.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 41.17 ng
RT: 16.76 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:278 Resp: 649122
Ion Ratio Lower Upper
278 100
139 19.4 16.6 24.8
279 23.4 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 38.93 ng

RT: 17.15 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF093816.D

Acq: 22 Mar 2017 5:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

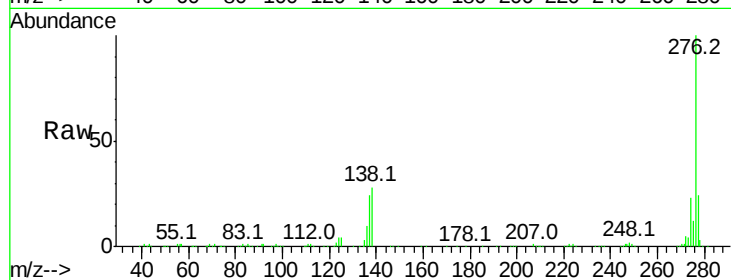
Tot Ion:276 Resp: 609126

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 28.5 25.4 38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

