

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093508.D
 Acq On : 10 Mar 2017 7:16
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 10 07:47:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	190369m	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	755282	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	345434	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	585880	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	382436	20.00	ng	-0.01
86) Perylene-d12	15.32	264	364409	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	979879	85.67	ng	0.00
7) Phenol-d6	6.41	99	1072790	74.38	ng	0.00
23) Nitrobenzene-d5	7.33	82	1115447	81.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	186167	82.72	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1441914	77.64	ng	-0.02
78) Terphenyl-d14	12.85	244	1279963	87.02	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.24	88	255956	40.63	ng	88
3) Pyridine	2.94	79	743983	46.32	ng	89
4) n-Nitrosodimethylamine	2.90	42	337459	43.98	ng	80
6) Aniline	6.41	93	733475m	37.05	ng	
8) 2-Chlorophenol	6.54	128	508272	39.66	ng	91
9) Benzaldehyde	6.30	77	387088	47.53	ng	87
10) Phenol	6.42	94	768459	43.48	ng	92
11) bis(2-Chloroethyl)ether	6.49	93	539126	37.74	ng	95
12) 1,3-Dichlorobenzene	6.69	146	568080m	38.73	ng	
13) 1,4-Dichlorobenzene	6.77	146	593024m	39.49	ng	
14) 1,2-Dichlorobenzene	6.92	146	500885	37.66	ng	96
15) Benzyl Alcohol	6.92	79	402769	39.17	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	920687	38.80	ng	# 39
17) 2-Methylphenol	7.03	107	455610m	42.03	ng	
18) Hexachloroethane	7.26	117	202806	40.04	ng	91
19) n-Nitroso-di-n-propylamine	7.18	70	418244	42.18	ng	95
20) 3+4-Methylphenols	7.19	107	606598	43.15	ng	# 74
22) Acetophenone	7.17	105	768389	42.28	ng	96
24) Nitrobenzene	7.35	77	667172	43.61	ng	92
25) Isophorone	7.59	82	1116474	40.67	ng	98
26) 2-Nitrophenol	7.66	139	276354	39.59	ng	# 84
27) 2,4-Dimethylphenol	7.72	122	436020	38.40	ng	94
28) bis(2-Chloroethoxy)methane	7.80	93	719616	41.53	ng	99
29) 2,4-Dichlorophenol	7.91	162	442352	41.41	ng	85
30) 1,2,4-Trichlorobenzene	7.98	180	433362	38.15	ng	# 92
31) Naphthalene	8.06	128	1439711	38.04	ng	99
32) Benzoic acid	7.86	122	290749	49.28	ng	95
33) 4-Chloroaniline	8.13	127	604926	39.38	ng	96
34) Hexachlorobutadiene	8.17	225	241296	41.24	ng	99
35) Caprolactam	8.50	113	136850	37.51	ng	# 17
36) 4-Chloro-3-methylphenol	8.62	107	473657	41.54	ng	98
37) 2-Methylnaphthalene	8.74	142	924365	38.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	413906	43.88	ng	100
40) Hexachlorocyclopentadiene	8.89	237	45249	28.22	ng	97

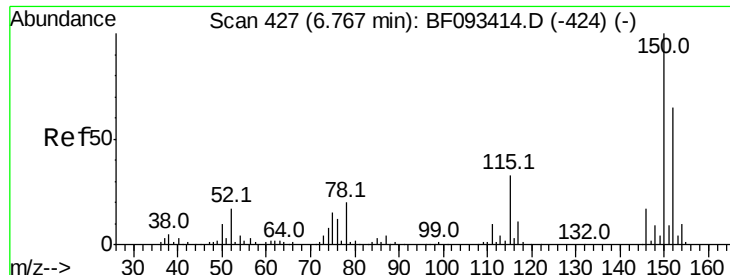
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	274227	46.53	nq	91
43) 2,4,5-Trichlorophenol	9.09	196	290135	45.88	nq	95
45) 1,1'-Biphenyl	9.21	154	1120647	44.53	nq	97
46) 2-Chloronaphthalene	9.24	162	859964	44.65	nq	95
47) 2-Nitroaniline	9.35	65	357118	52.45	nq	95
48) Acenaphthylene	9.65	152	1322672	41.64	nq	99
49) Dimethylphthalate	9.52	163	1027976	44.89	nq	100
50) 2,6-Dinitrotoluene	9.59	165	219075	43.60	nq	# 64
51) Acenaphthene	9.82	154	767859	40.88	nq	96
52) 3-Nitroaniline	9.76	138	257852	42.71	nq	93
53) 2,4-Dinitrophenol	9.90	184	40123	17.53	nq	# 72
54) Dibenzofuran	9.99	168	1054004	44.83	nq	100
55) 4-Nitrophenol	9.97	139	106171m	36.21	nq	
56) 2,4-Dinitrotoluene	10.00	165	287536	46.58	nq	93
57) Fluorene	10.33	166	843619	42.34	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.13	232	197839	44.33	nq	97
59) Diethylphthalate	10.22	149	1014557	46.35	nq	95
60) 4-Chlorophenyl-phenylether	10.33	204	407148	45.59	nq	# 73
61) 4-Nitroaniline	10.38	138	226222	36.64	nq	97
62) Azobenzene	10.48	77	1157678	46.55	nq	91
64) 4,6-Dinitro-2-methylphenol	10.41	198	89542	23.59	nq	# 18
65) n-Nitrosodiphenylamine	10.45	169	748935	38.28	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	231784	37.41	nq	95
67) Hexachlorobenzene	10.88	284	223269	37.74	nq	# 68
68) Atrazine	10.98	200	270244	47.20	nq	98
69) Pentachlorophenol	11.10	266	54788	26.82	nq	98
70) Phenanthrene	11.29	178	1223296	36.58	nq	99
71) Anthracene	11.35	178	1304713	38.57	nq	99
72) Carbazole	11.51	167	1164429	36.64	nq	99
73) Di-n-butylphthalate	11.83	149	1396685	37.99	nq	98
74) Fluoranthene	12.48	202	1082395	33.51	nq	98
76) Benzidine	12.62	184	677419	53.87	nq	99
77) Pyrene	12.71	202	1062486	38.20	nq	99
79) Butylbenzylphthalate	13.33	149	525541	44.89	nq	89
80) Benzo(a)anthracene	13.90	228	850686	37.67	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	317082	40.09	nq	# 98
82) Chrysene	13.93	228	816861	39.09	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	683482	41.88	nq	# 98
84) Di-n-octyl phthalate	14.49	149	1077890	39.63	nq	97
85) Indeno(1,2,3-cd)pyrene	16.69	276	854119	48.83	nq	# 93
87) Benzo(b)fluoranthene	14.93	252	963863m	43.43	nq	
88) Benzo(k)fluoranthene	14.95	252	708300m	33.09	nq	
89) Benzo(a)pyrene	15.26	252	826242	40.74	nq	# 95
90) Dibenzo(a,h)anthracene	16.69	278	733375	43.70	nq	99
91) Benzo(g,h,i)perylene	17.09	276	732357	42.52	nq	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

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SSTDCCC040

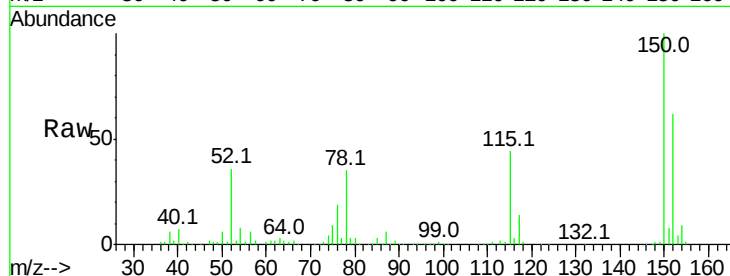
Tot Ion:152 Resp: 190369

Ion Ratio Lower Upper

152 100

150 160.2 124.9 187.3

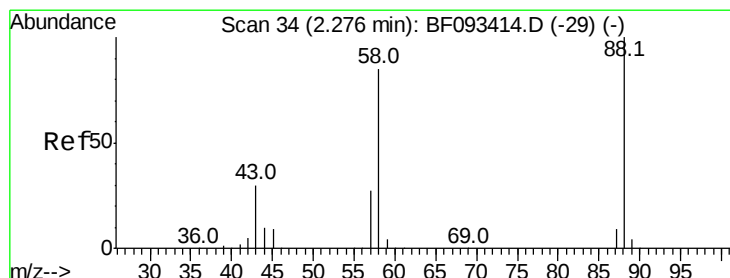
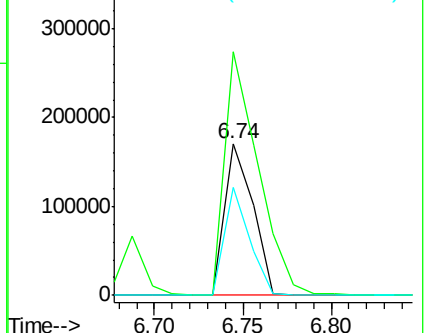
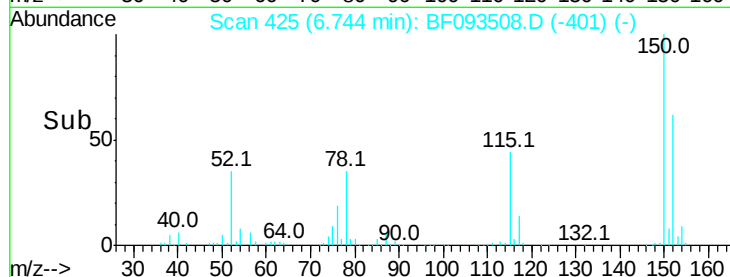
115 70.9 46.0 69.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.63 ng/mL

RT: 2.24 min Scan# 31

Delta R.T. -0.03 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

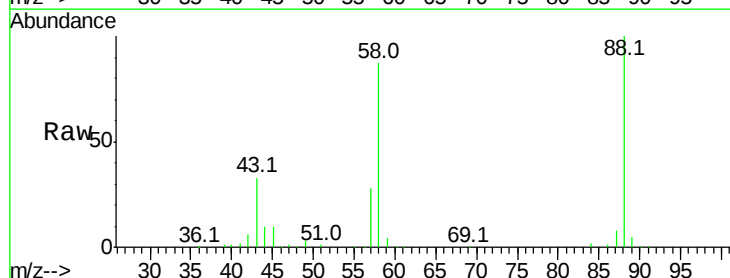
Tgt Ion: 88 Resp: 255956

Ion Ratio Lower Upper

88 100

58 84.2 57.8 86.8

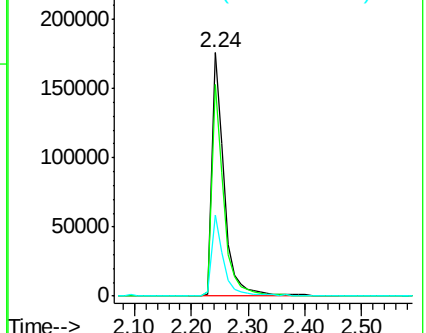
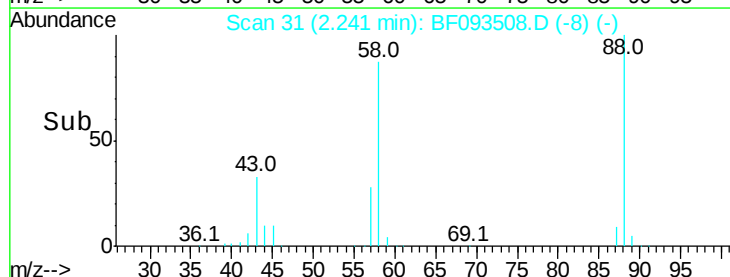
43 30.7 22.3 33.5

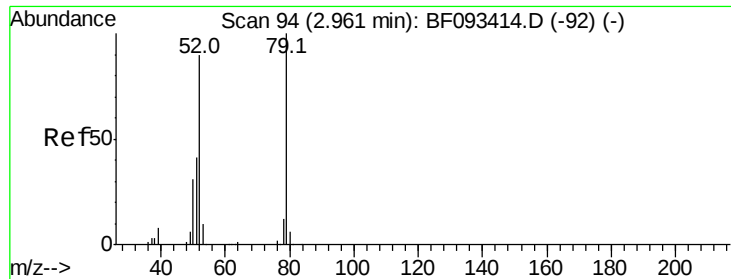


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

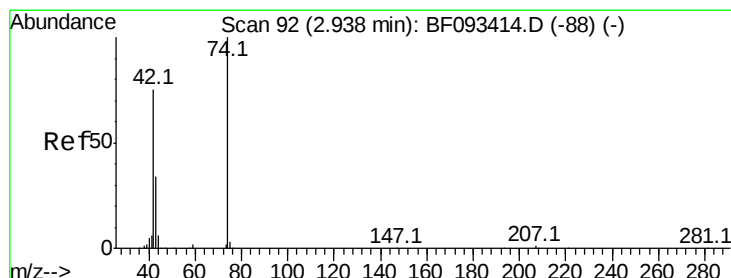
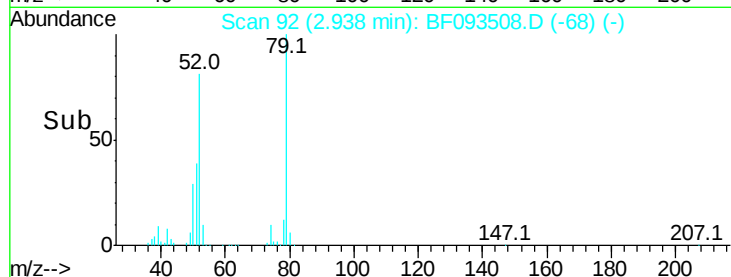
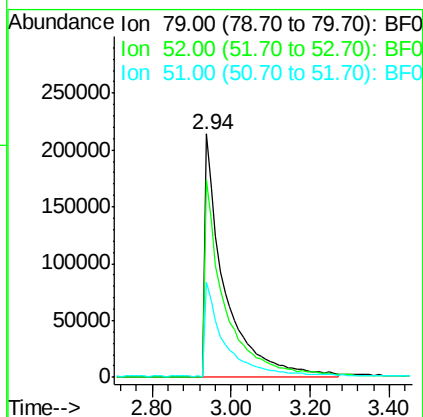
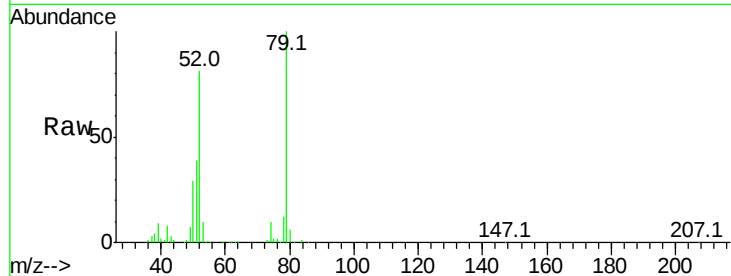




#3
 Pvridine
 Concen: 46.32 ng
 RT: 2.94 min Scan# 92
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

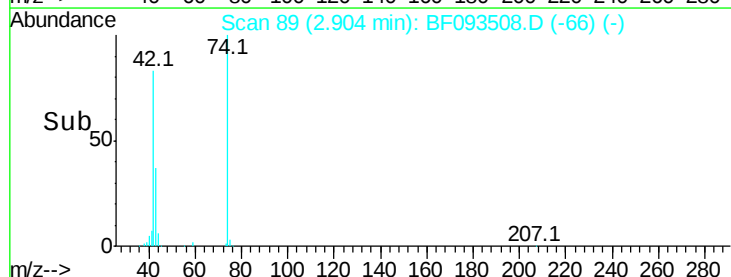
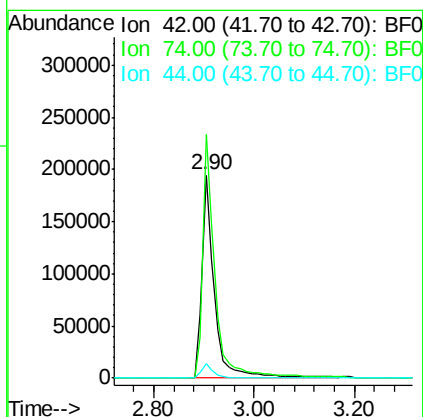
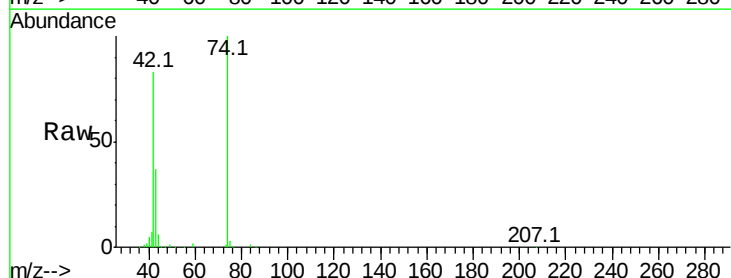
Instrument :
 BNA_F
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 SSTDCCC040

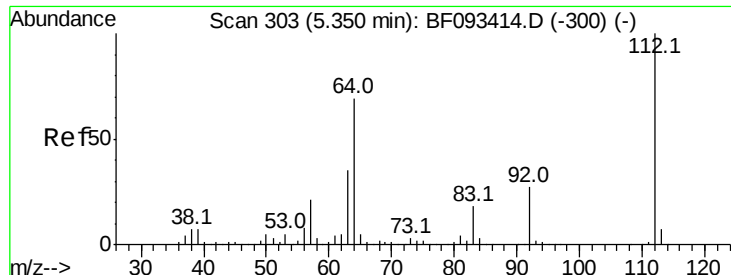
Tot Ion: 79 Resp: 743983
 Ion Ratio Lower Upper
 79 100
 52 81.4 57.1 85.7
 51 39.1 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 43.98 ng
 RT: 2.90 min Scan# 89
 Delta R.T. -0.03 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion: 42 Resp: 337459
 Ion Ratio Lower Upper
 42 100
 74 120.0 117.0 175.4
 44 7.4 5.5 8.3

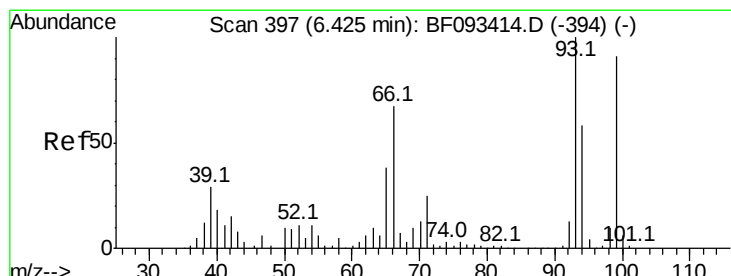
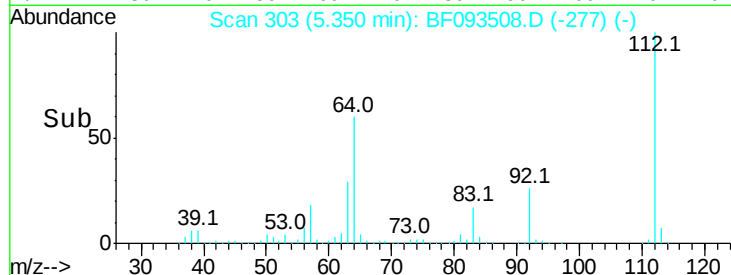
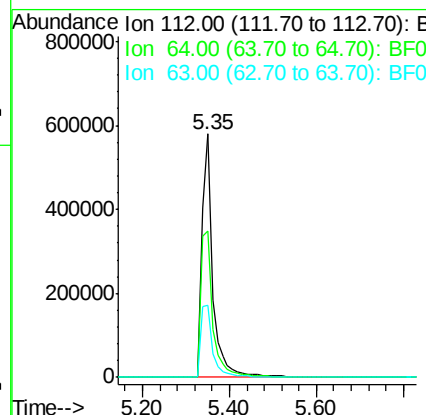
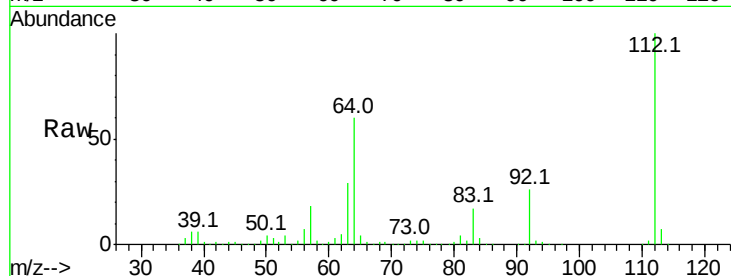




#5
 2-Fluorophenol
 Concen: 85.67 ng
 RT: 5.35 min Scan# 303
 Delta R.T. -0.00 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

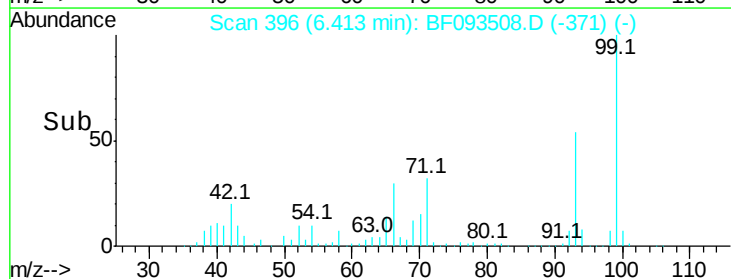
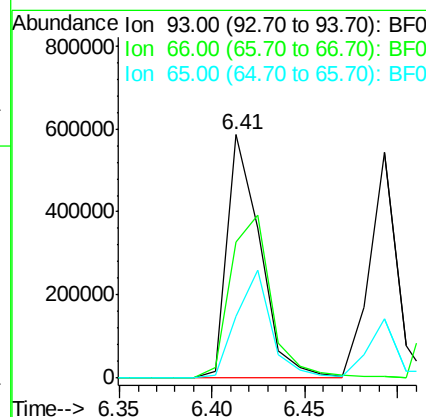
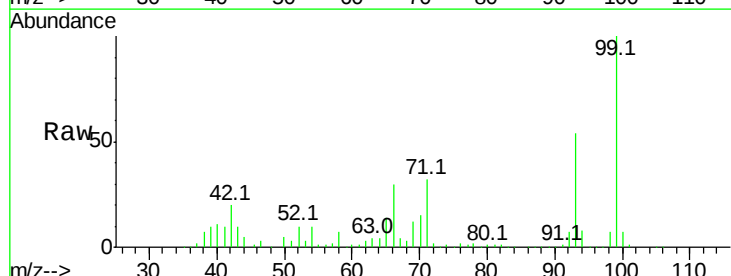
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

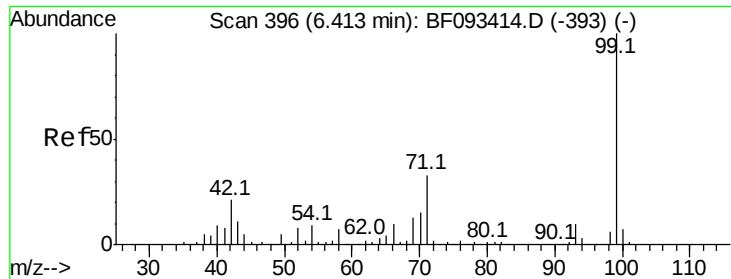
Tot Ion:	112	Resp:	979879
Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.1	69.1
63	29.5	23.8	35.6



#6
 Aniline
 Concen: 37.05 ng m
 RT: 6.41 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:	93	Resp:	733475
Ion	Ratio	Lower	Upper
93	100		
66	55.8	76.2	114.2#
65	25.5	49.3	73.9#





#7

Phenol-d6

Concen: 74.38 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

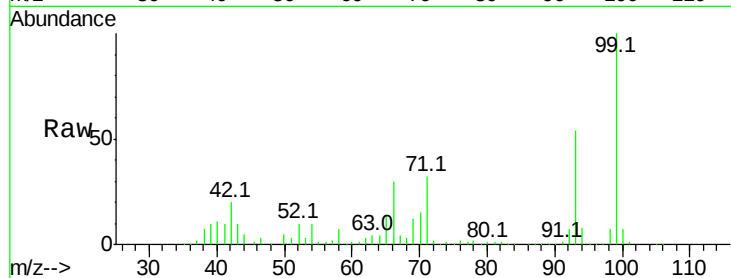
Tot Ion: 99 Resp: 1072790

Ion Ratio Lower Upper

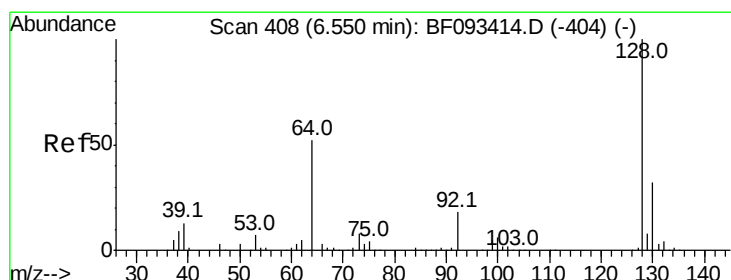
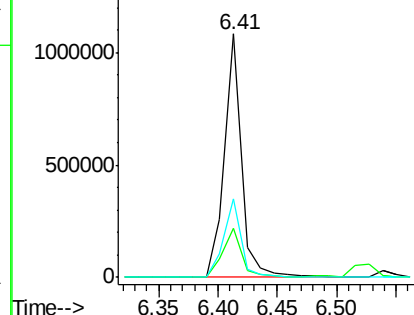
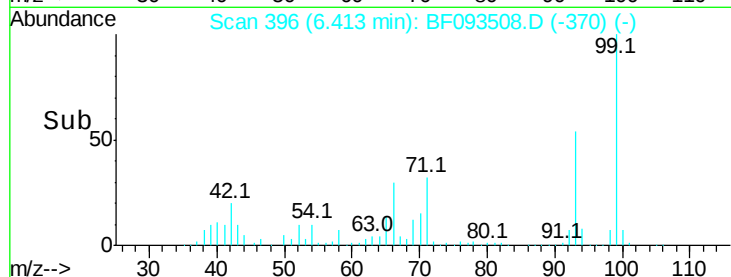
99 100

42 20.2 15.6 23.4

71 32.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.66 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

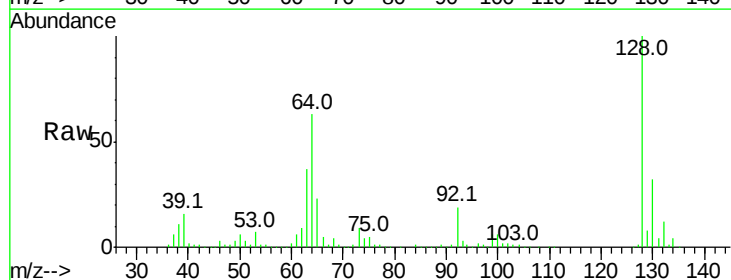
Tgt Ion: 128 Resp: 508272

Ion Ratio Lower Upper

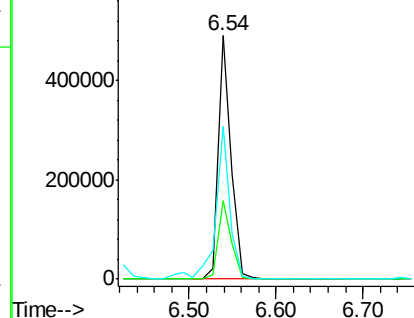
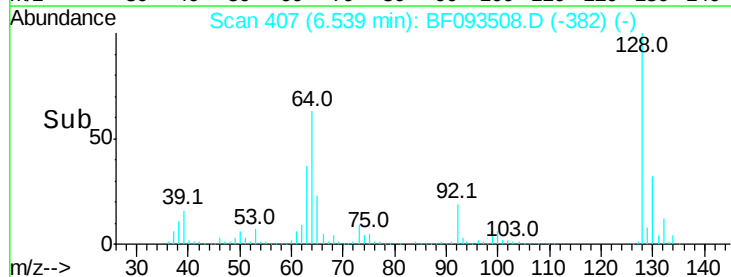
128 100

130 32.3 12.3 52.3

64 62.7 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

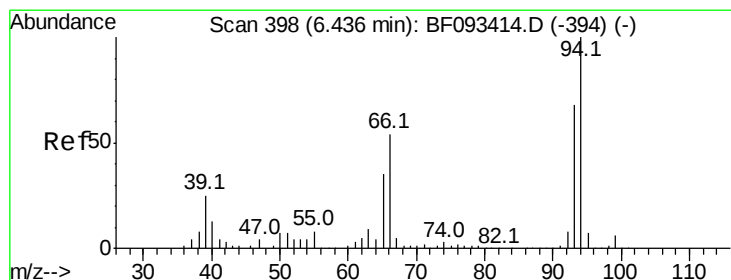
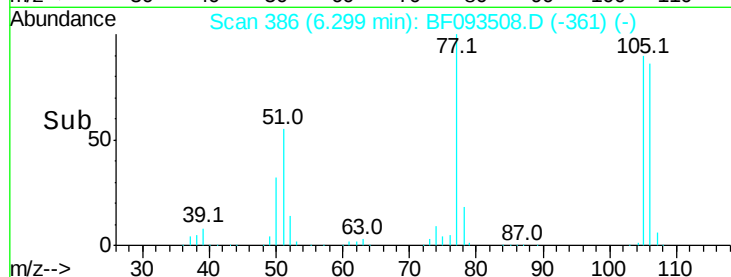
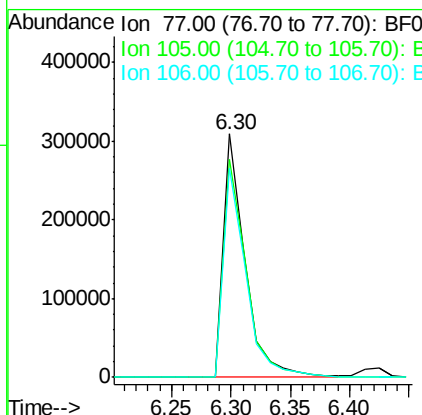
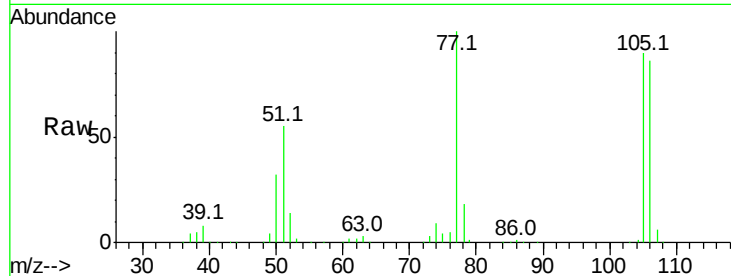




#9
Benzaldehyde
Concen: 47.53 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

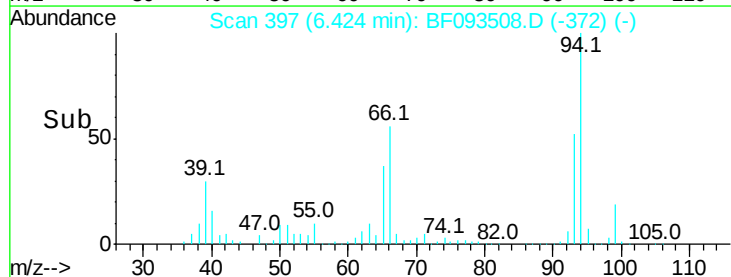
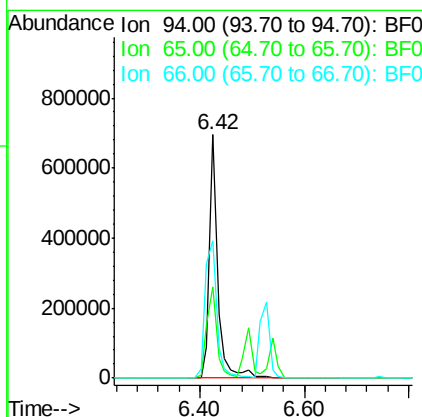
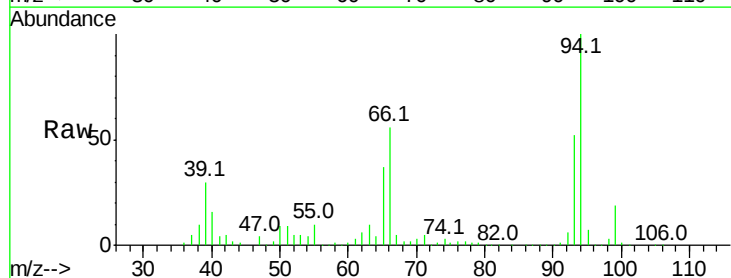
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 387088
Ion Ratio Lower Upper
77 100
105 89.6 83.9 123.9
106 86.0 77.6 117.6



#10
Phenol
Concen: 43.48 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion: 94 Resp: 768459
Ion Ratio Lower Upper
94 100
65 37.3 21.4 61.4
66 56.4 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 37.74 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

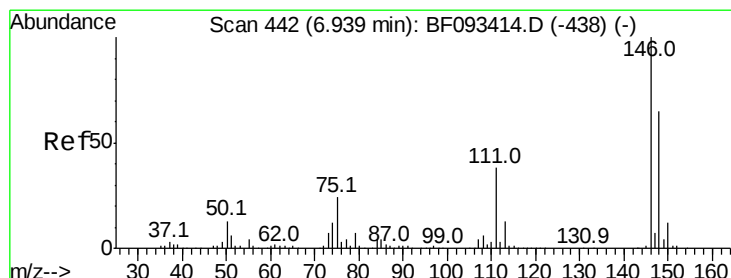
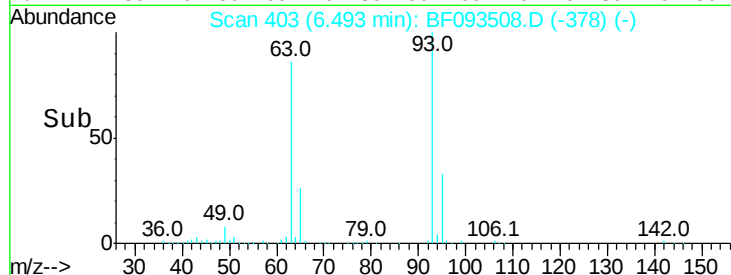
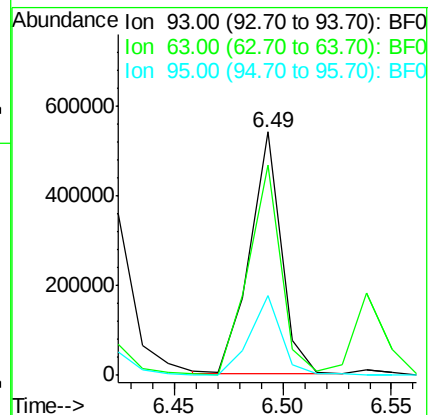
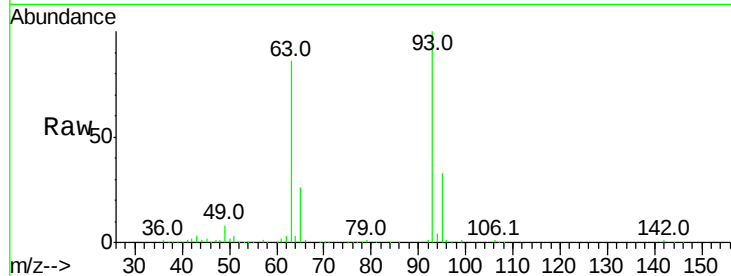
Tot Ion: 93 Resp: 539126

Ion Ratio Lower Upper

93 100

63 86.3 60.4 100.4

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.73 ng m

RT: 6.69 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

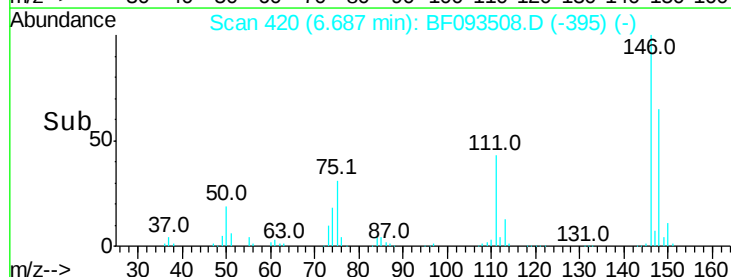
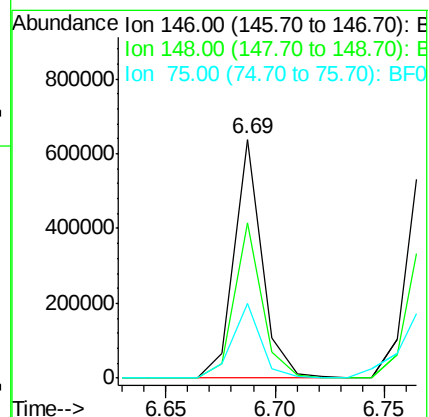
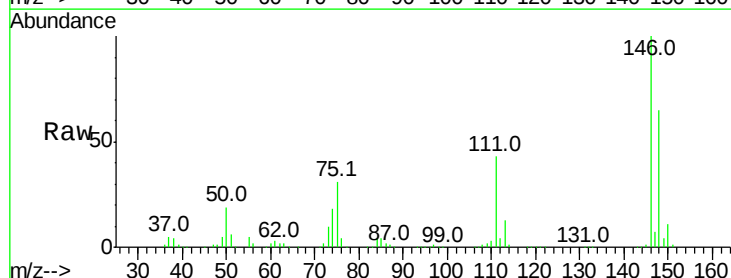
Tgt Ion: 146 Resp: 568080

Ion Ratio Lower Upper

146 100

148 65.1 53.4 80.0

75 31.5 18.5 27.7#

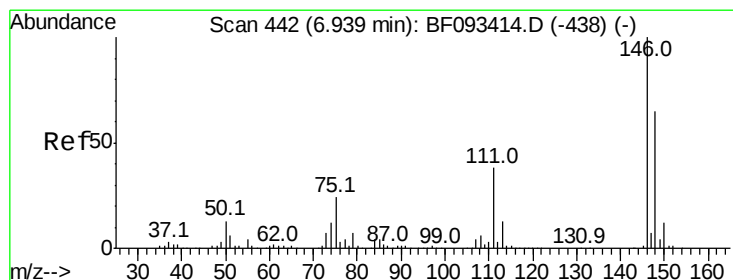
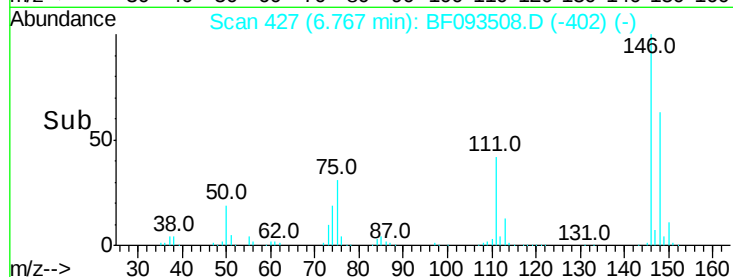
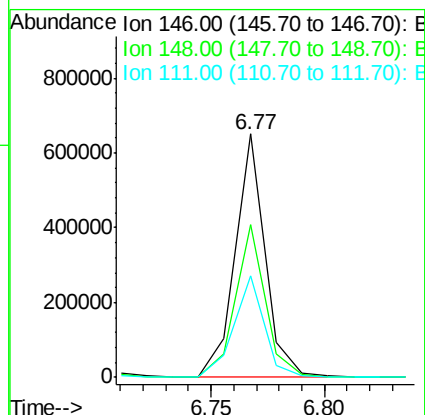
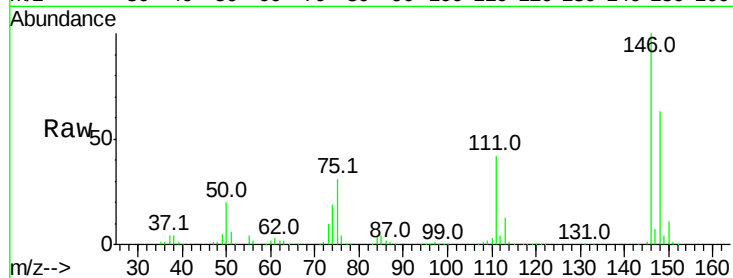




#13
 1,4-Dichlorobenzene
 Concen: 39.49 ng/mL
 RT: 6.77 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

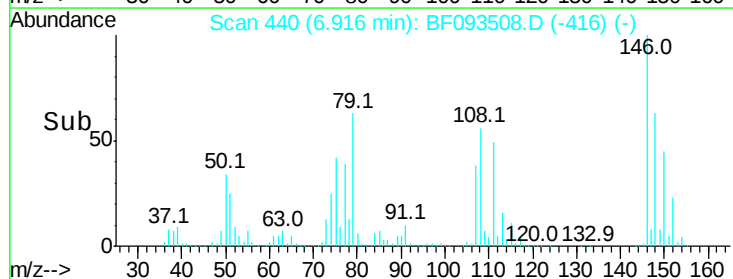
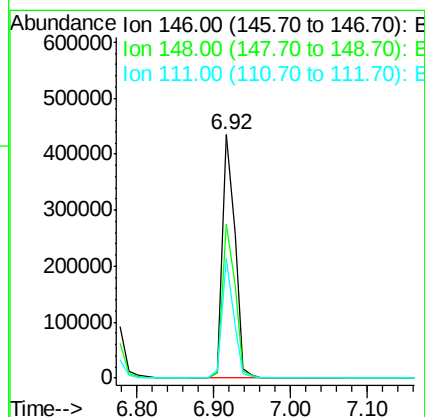
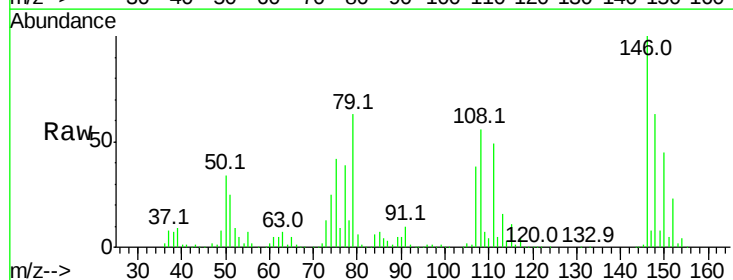
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

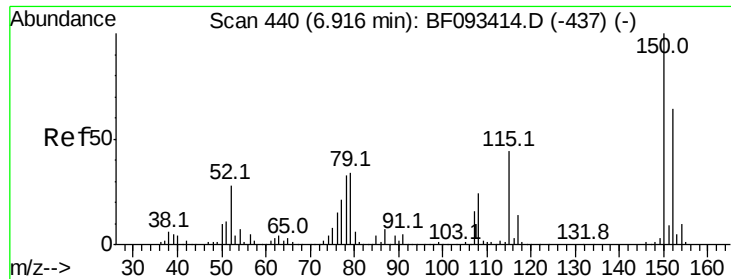
Tot Ion:146 Resp: 593024
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 76.0
 111 41.6 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 37.66 ng/mL
 RT: 6.92 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:146 Resp: 500885
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 48.8 36.2 54.2

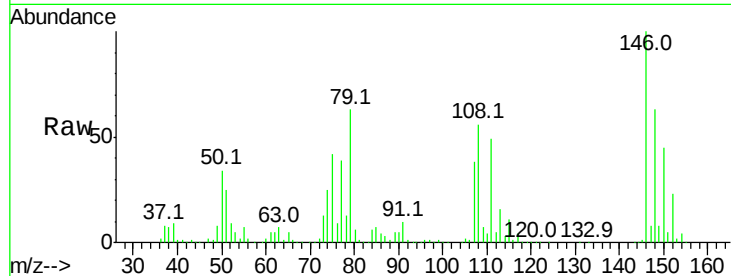




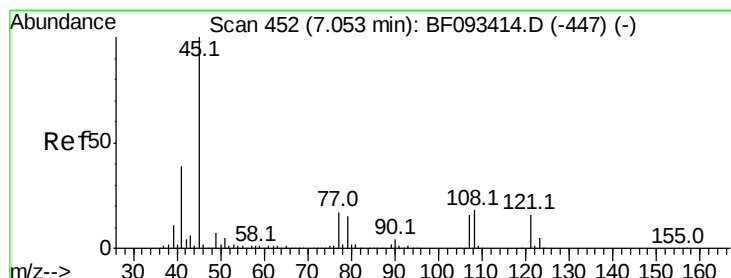
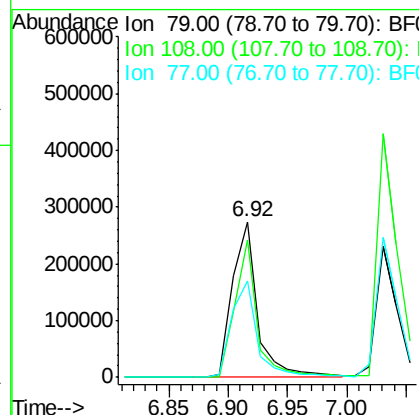
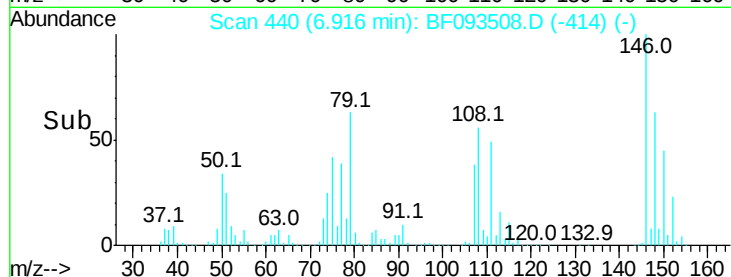
#15
Benzyl Alcohol
Concen: 39.17 ng
RT: 6.92 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 402769
Ion Ratio Lower Upper
79 100
108 88.4 61.4 92.0
77 61.8 50.9 76.3

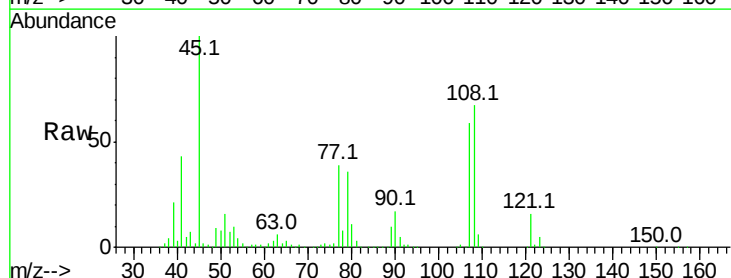


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

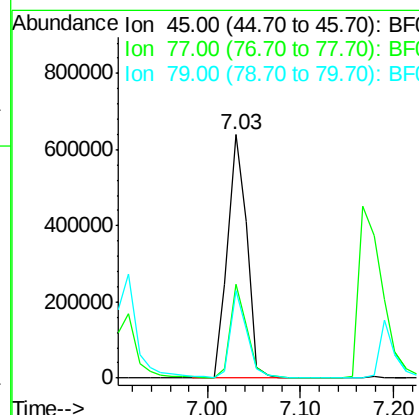
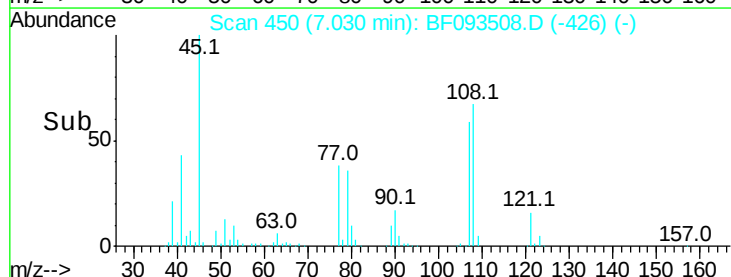


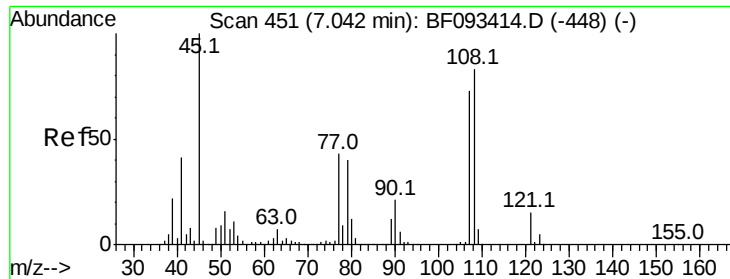
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.80 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion: 45 Resp: 920687
Ion Ratio Lower Upper
45 100
77 38.7 0.0 34.6#
79 36.1 0.0 31.2#



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

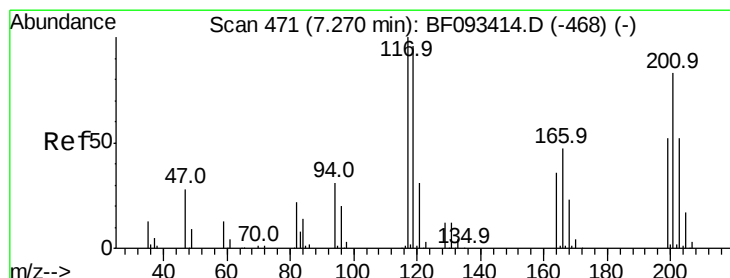
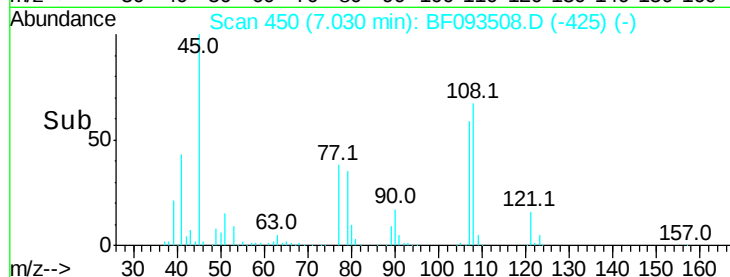
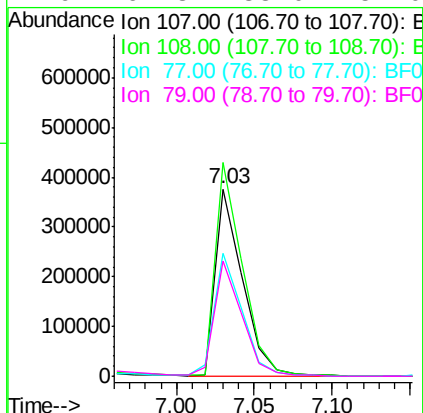
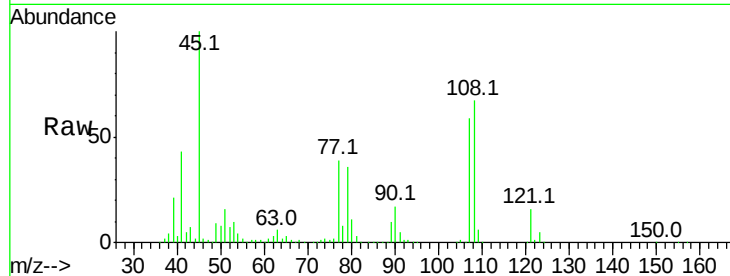




#17
2-Methylphenol
Concen: 42.03 ng/ml
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

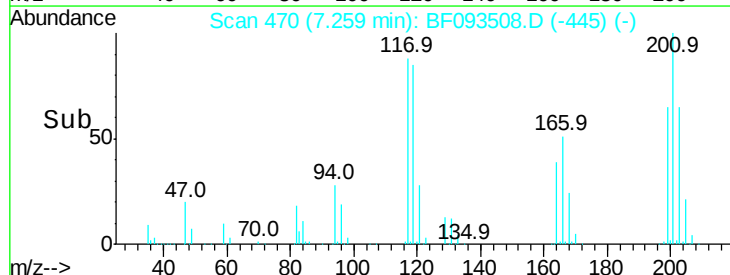
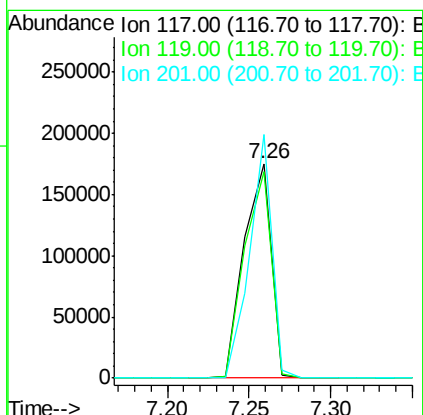
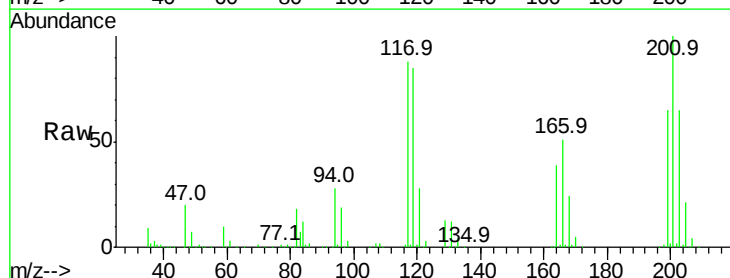
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

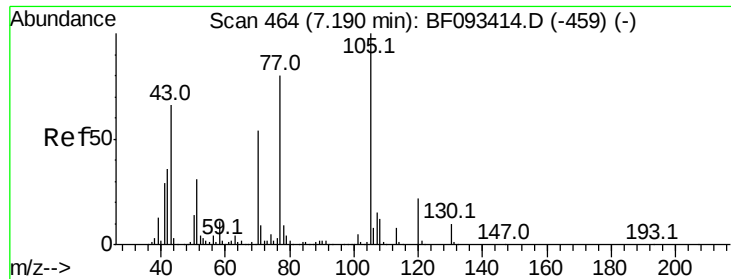
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	93.0	139.6
77	65.8	39.8	59.8
79	61.3	38.0	57.0



#18
Hexachloroethane
Concen: 40.04 ng/ml
RT: 7.26 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.1	117.1
201	113.3	78.6	117.8

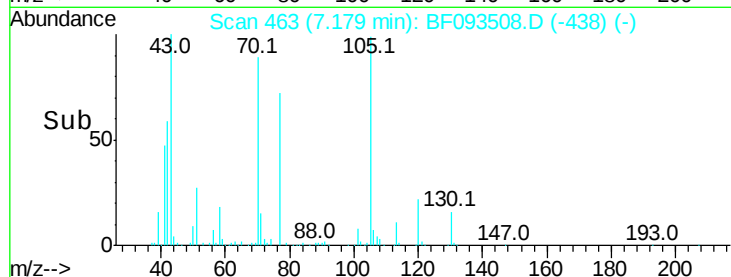
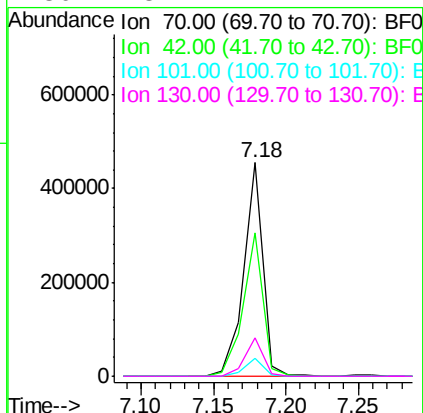
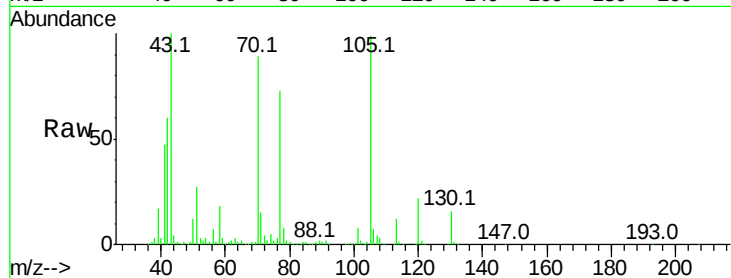




#19
n-Nitroso-di-n-propylamine
Concen: 42.18 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

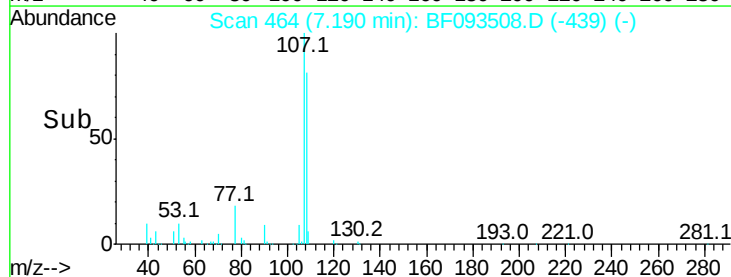
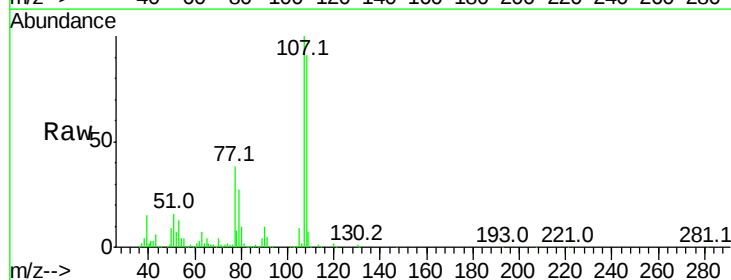
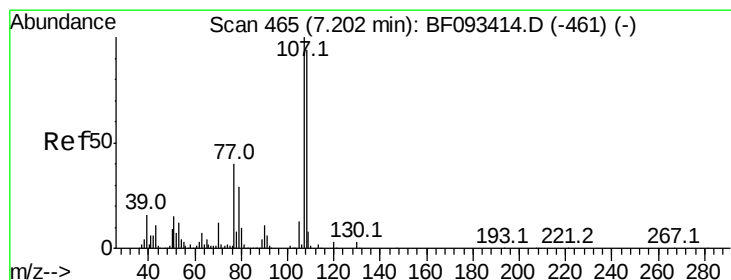
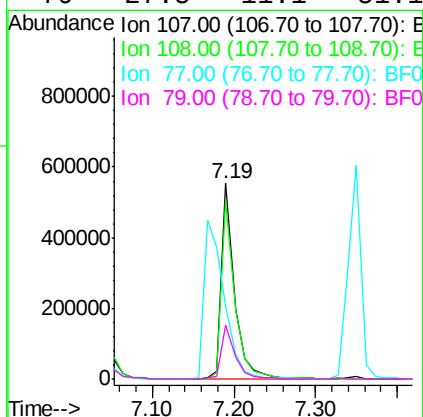
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

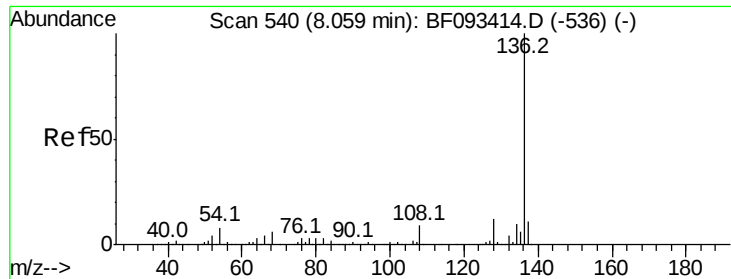
Tot Ion: 70 Resp: 418244
Ion Ratio Lower Upper
70 100
42 67.1 49.4 74.0
101 8.6 7.4 11.2
130 18.1 14.2 21.4



#20
3+4-Methylphenols
Concen: 43.15 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion:107 Resp: 606598
Ion Ratio Lower Upper
107 100
108 90.7 73.0 113.0
77 37.5 71.3 111.3#
79 27.5 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 755282

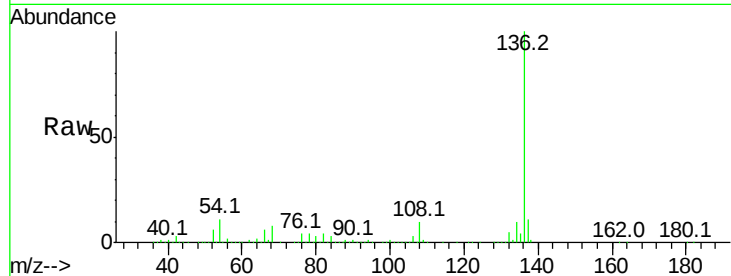
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.2 4.5 6.7#

68 7.9 3.6 5.4#

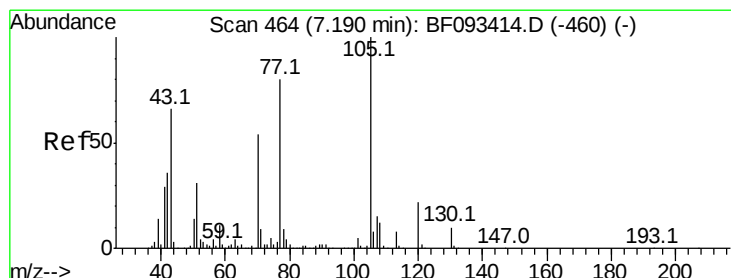
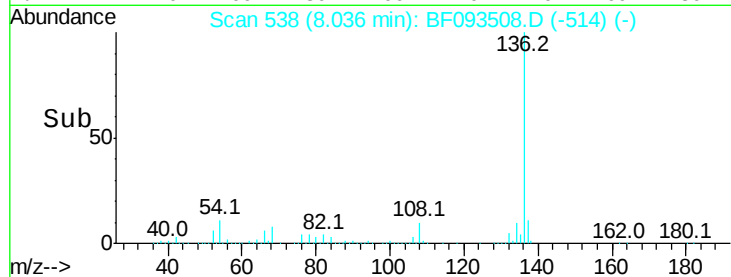
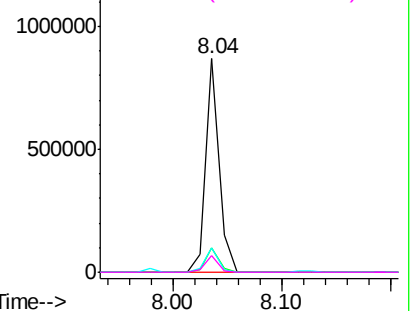


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.28 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Tgt Ion:105 Resp: 768389

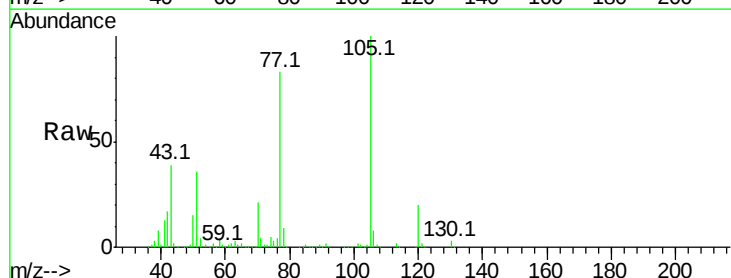
Ion Ratio Lower Upper

105 100

71 3.8 3.2 4.8

51 36.1 26.2 39.4

120 19.5 16.6 24.8

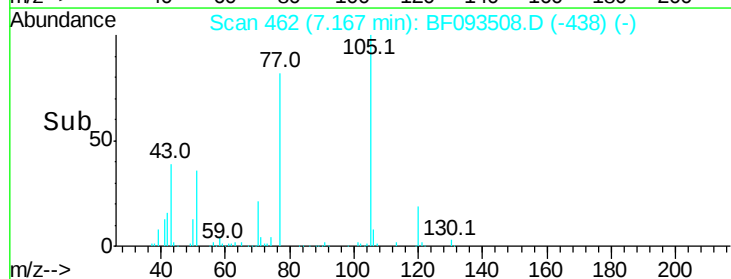
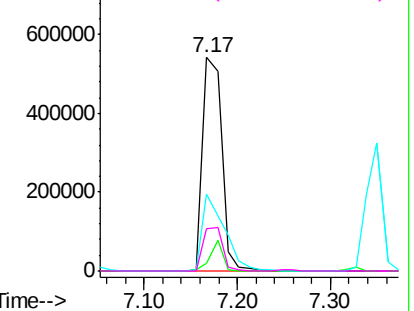


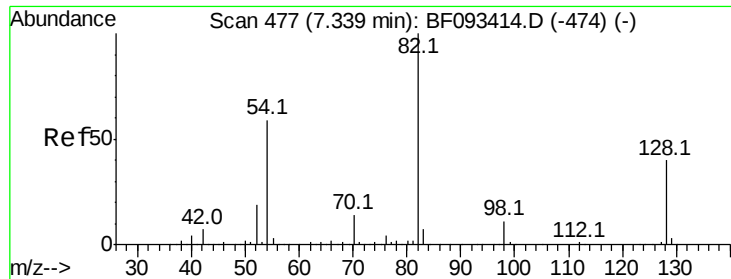
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



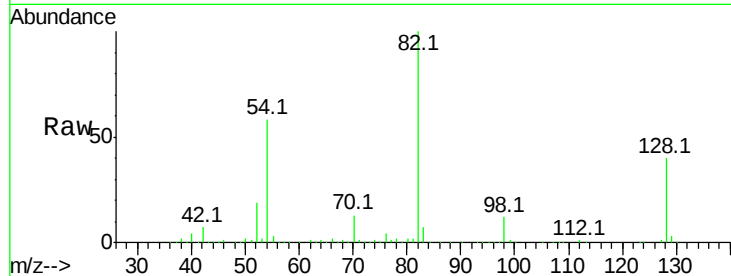


#23
 Nitrobenzene-d5
 Concen: 81.94 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

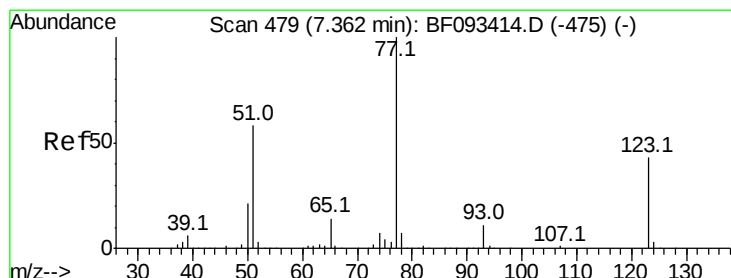
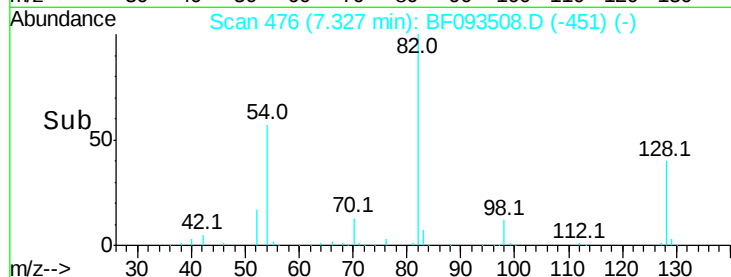
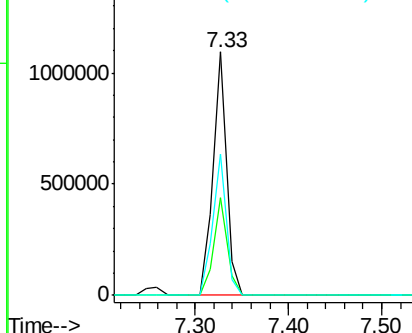
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1115447

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	58.1	39.5	59.3



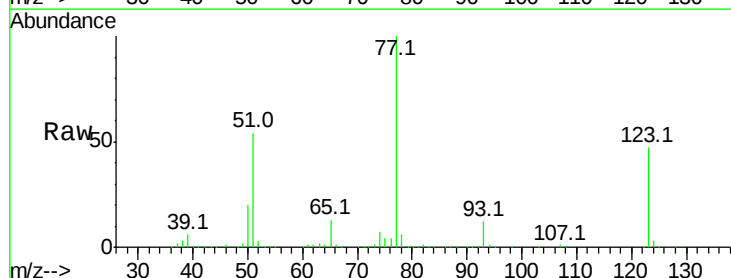
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



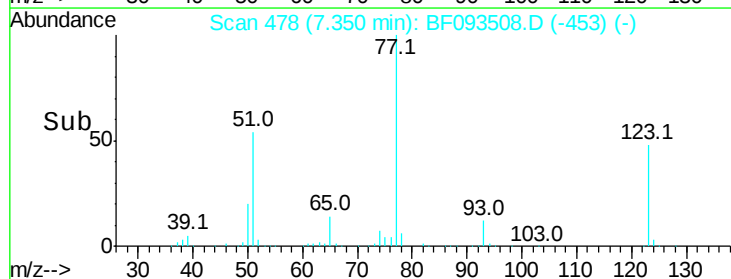
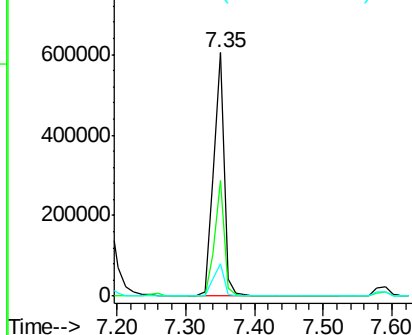
#24
 Nitrobenzene
 Concen: 43.61 ng
 RT: 7.35 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

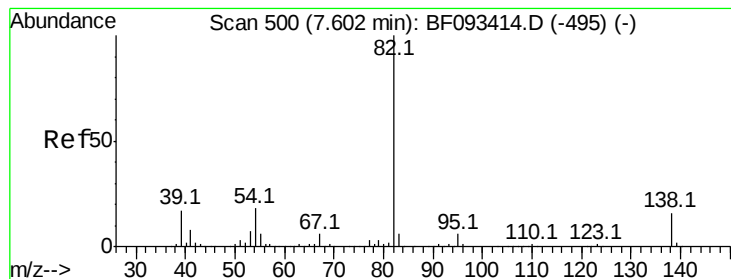
Tgt Ion: 77 Resp: 667172

Ion	Ratio	Lower	Upper
77	100		
123	47.4	33.0	49.4
65	13.5	11.2	16.8



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





#25

Isophorone

Concen: 40.67 ng

RT: 7.59 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

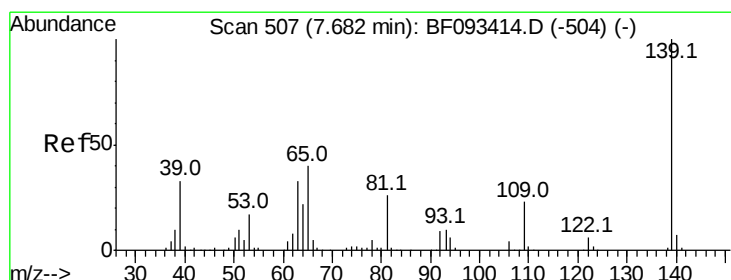
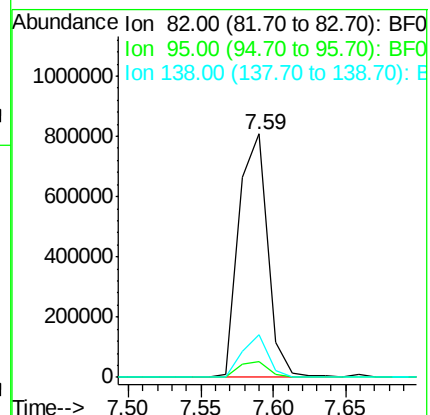
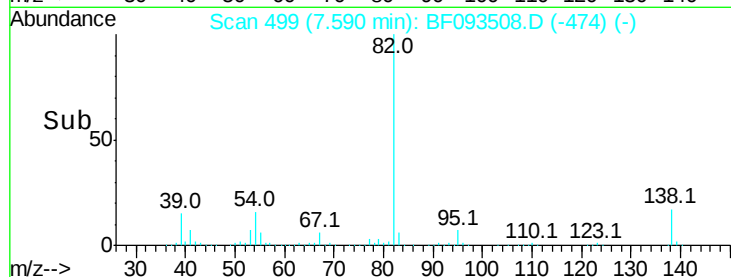
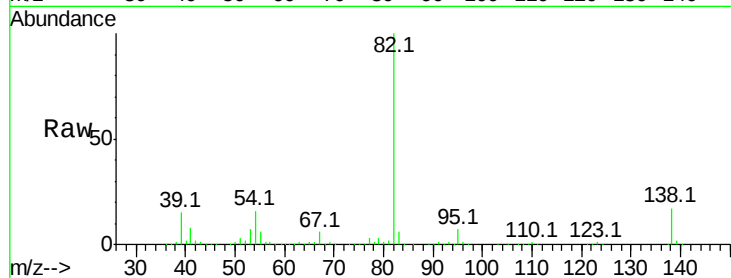
Tot Ion: 82 Resp: 1116474

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 17.4 14.6 22.0



#26

2-Nitrophenol

Concen: 39.59 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

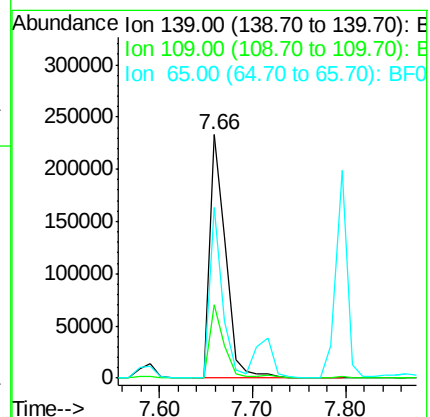
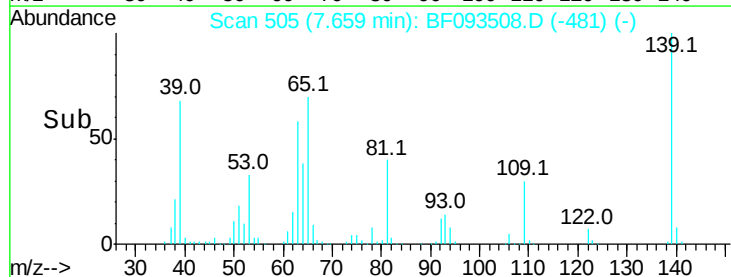
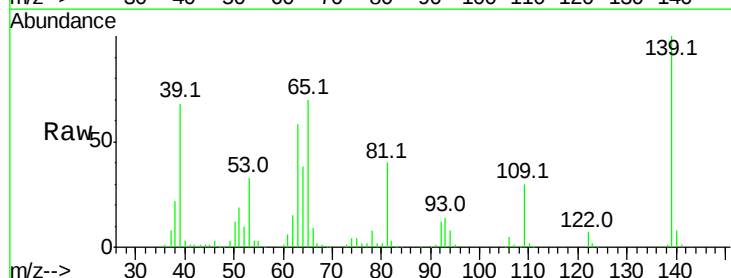
Tgt Ion:139 Resp: 276354

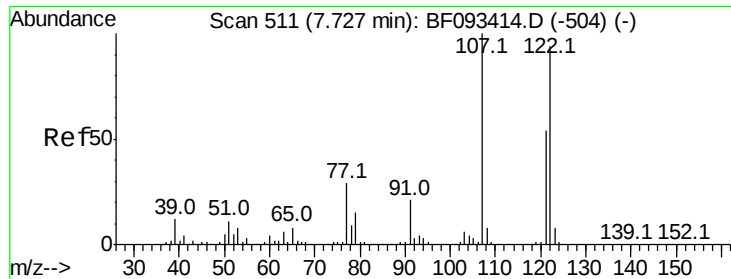
Ion Ratio Lower Upper

139 100

109 30.1 23.3 34.9

65 70.1 42.7 64.1#

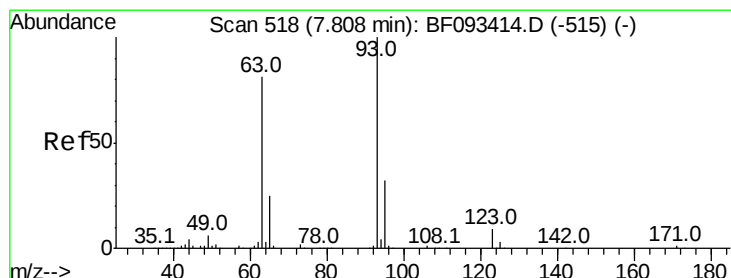
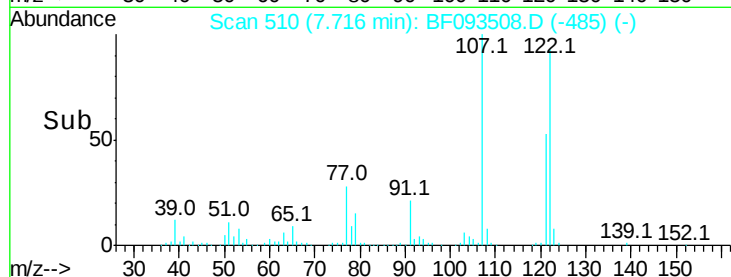
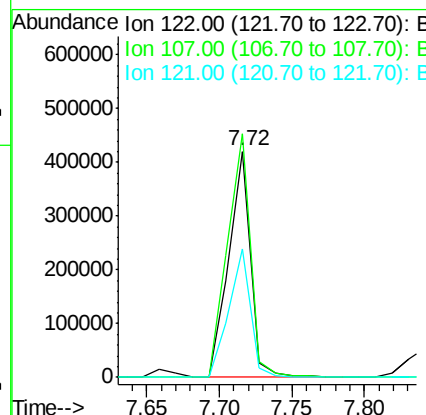
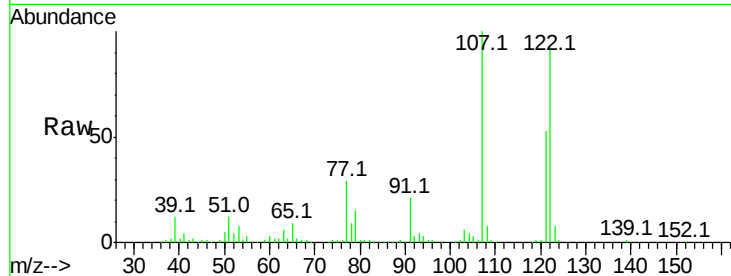




#27
 2,4-Dimethylphenol
 Concen: 38.40 ng
 RT: 7.72 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

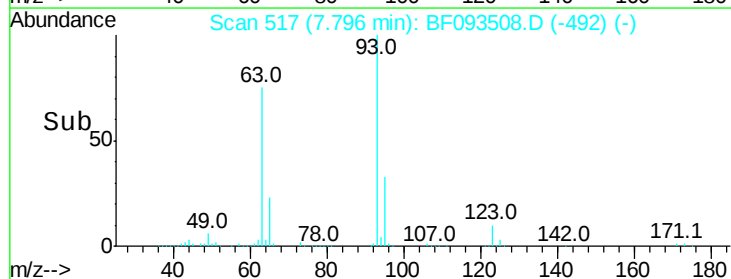
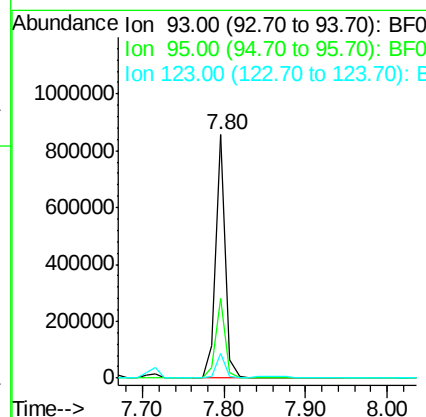
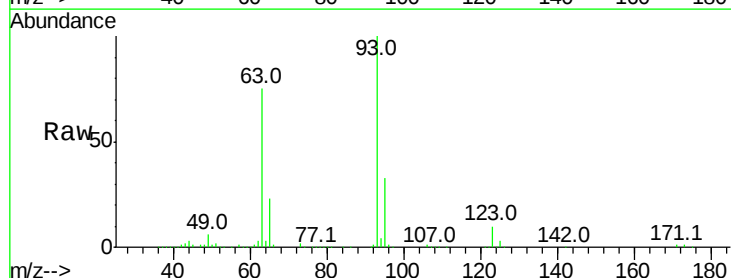
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

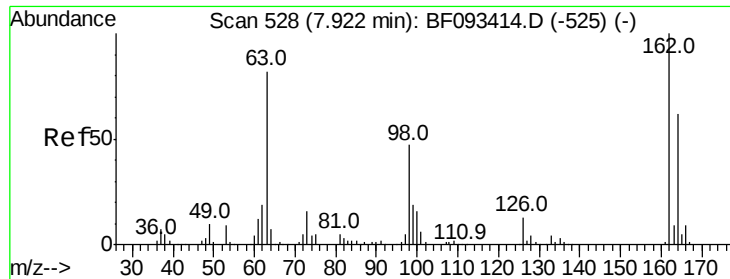
Tot Ion:122 Resp: 436020
 Ion Ratio Lower Upper
 122 100
 107 107.8 94.1 141.1
 121 57.0 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.53 ng
 RT: 7.80 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion: 93 Resp: 719616
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 10.0 8.6 13.0

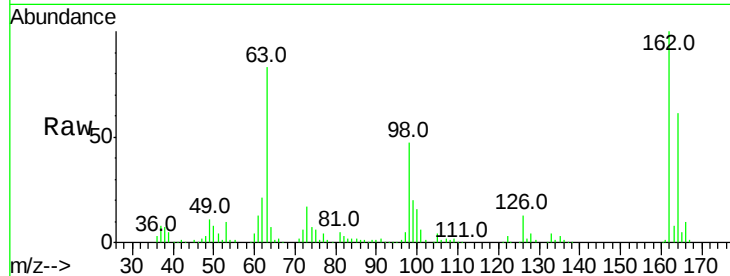




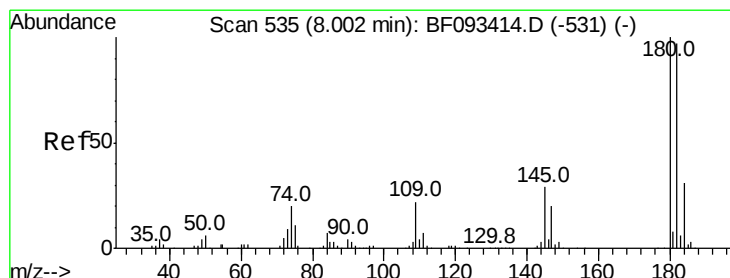
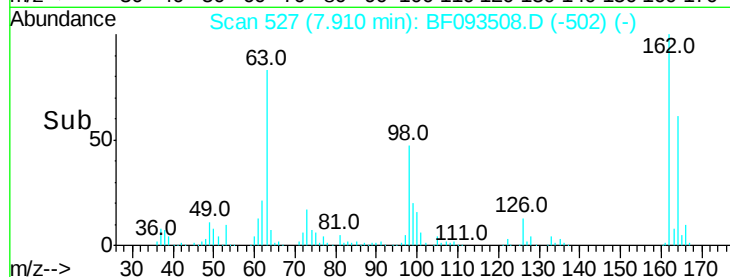
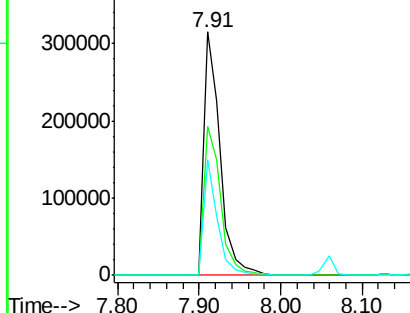
#29
 2,4-Dichlorophenol
 Concen: 41.41 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 442352
 Ion Ratio Lower Upper
 162 100
 164 61.4 46.8 86.8
 98 47.4 9.1 49.1

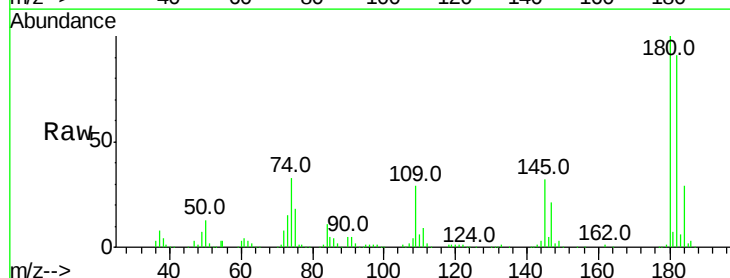


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

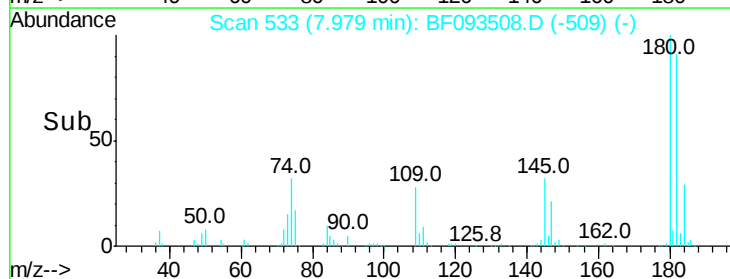
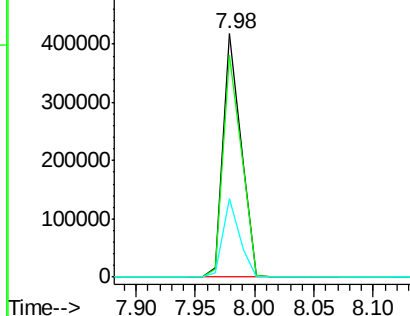


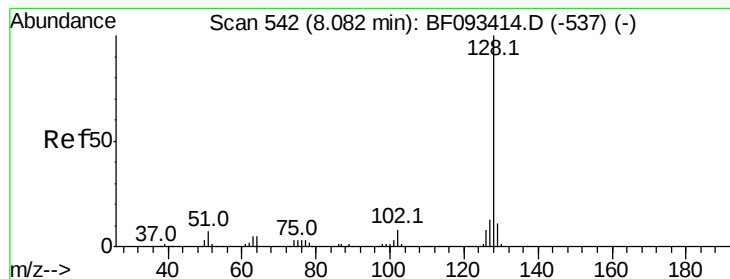
#30
 1,2,4-Trichlorobenzene
 Concen: 38.15 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:180 Resp: 433362
 Ion Ratio Lower Upper
 180 100
 182 91.1 78.2 117.4
 145 32.4 21.6 32.4#



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.04 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

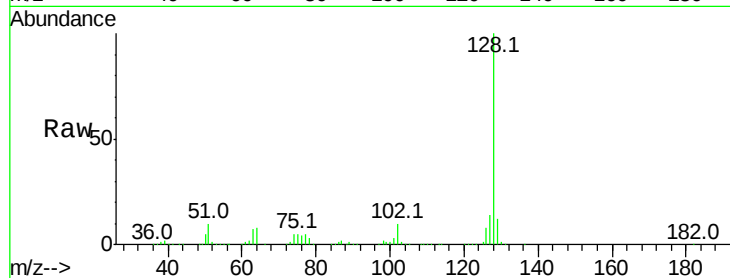
Tot Ion:128 Resp: 1439711

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

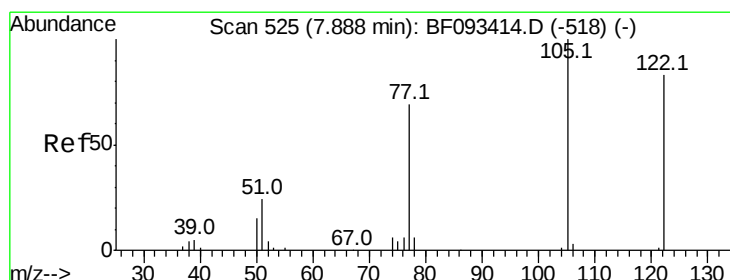
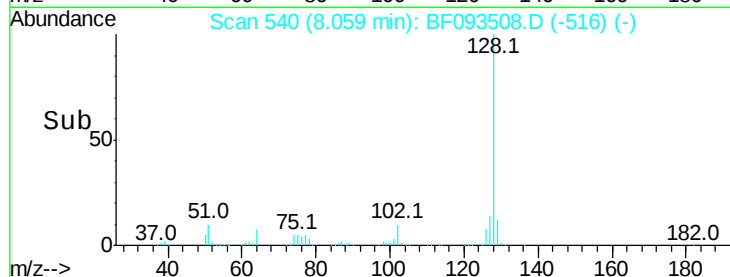
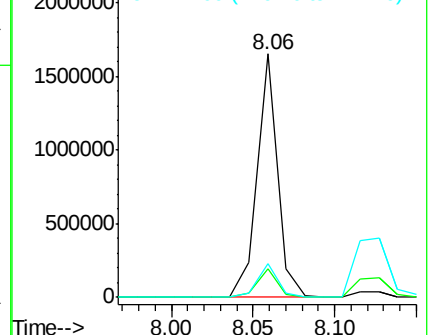
127 14.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.28 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

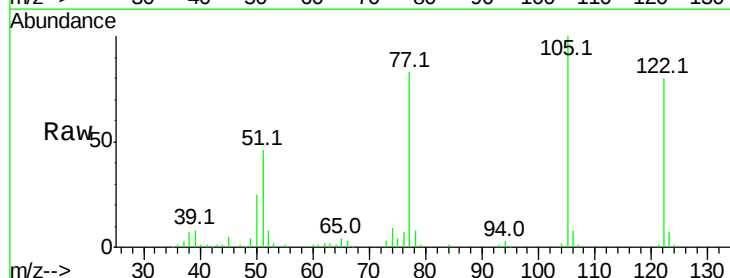
Tgt Ion:122 Resp: 290749

Ion Ratio Lower Upper

122 100

105 125.2 107.2 147.2

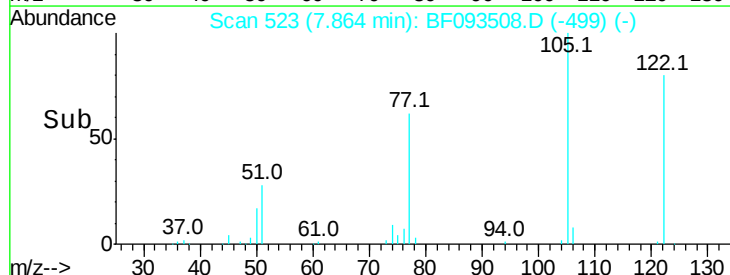
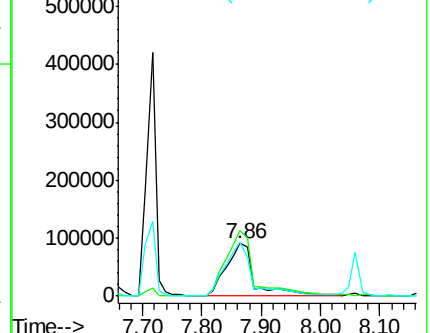
77 104.2 74.5 114.5

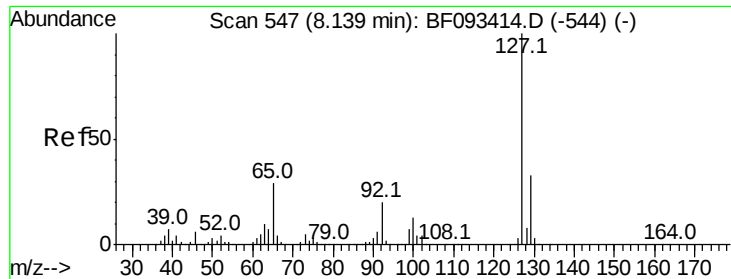


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

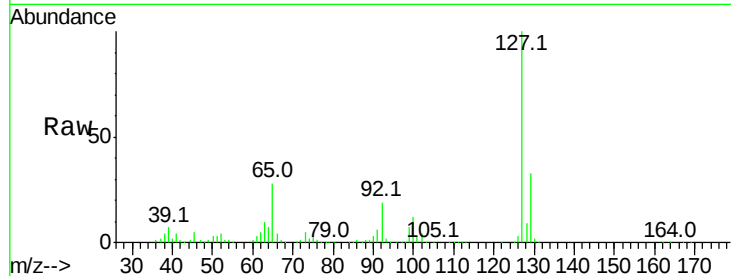




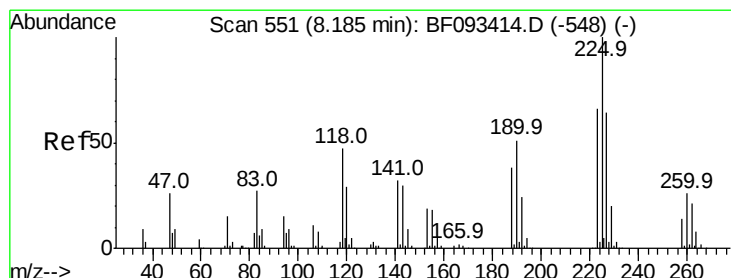
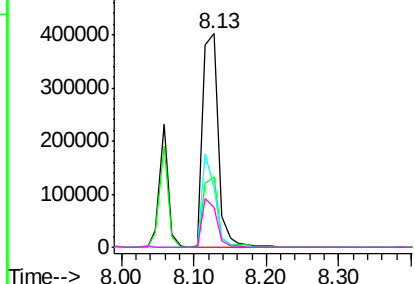
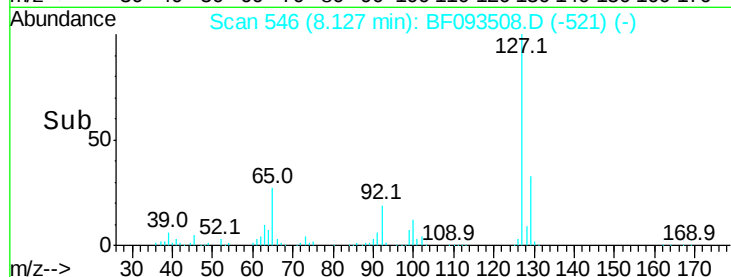
#33
4-Chloroaniline
Concen: 39.38 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	604926
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	27.7	25.8	38.8
92	18.5	16.1	24.1

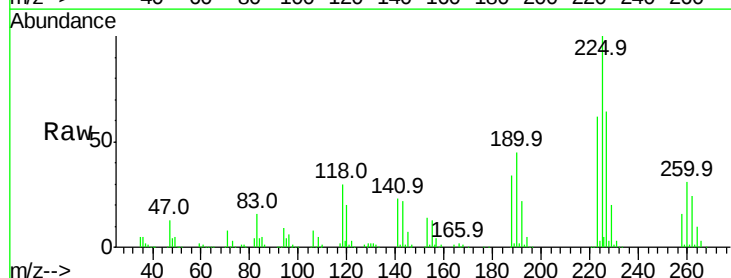


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

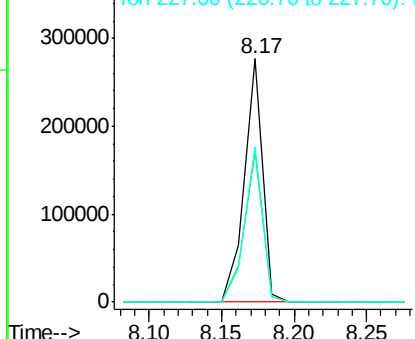
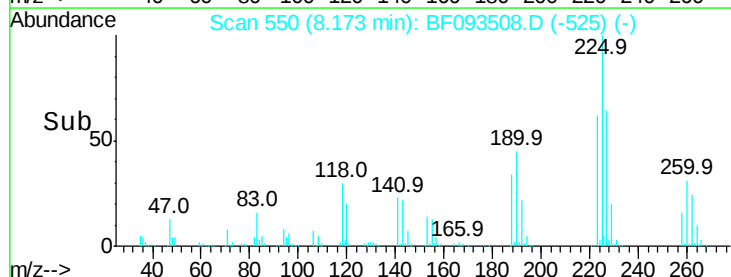


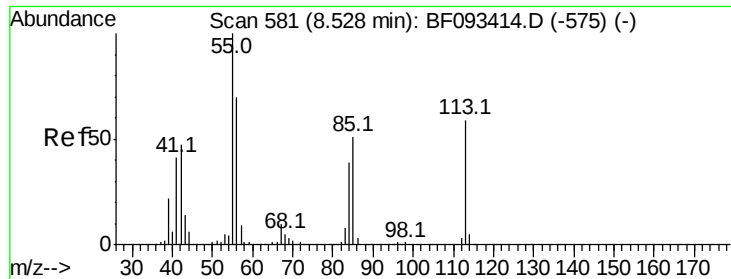
#34
Hexachlorobutadiene
Concen: 41.24 ng
RT: 8.17 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion:	225	Resp:	241296
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.7	50.6	76.0



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

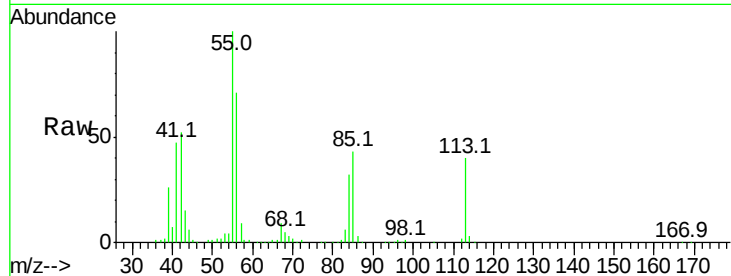




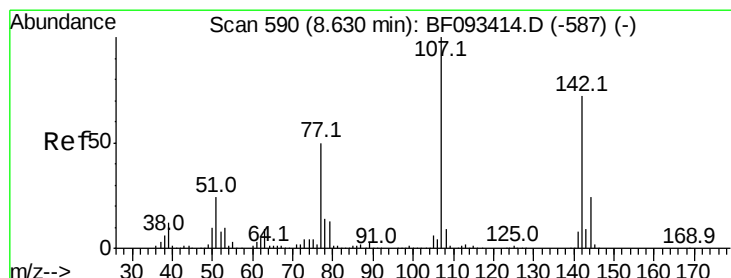
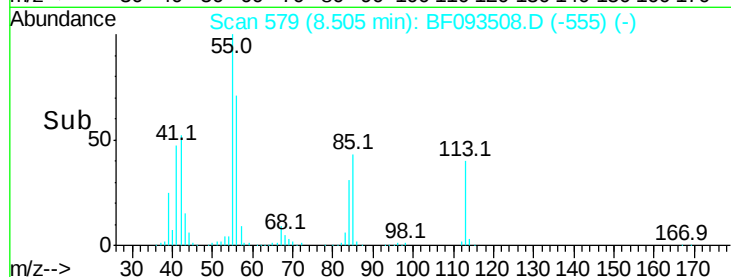
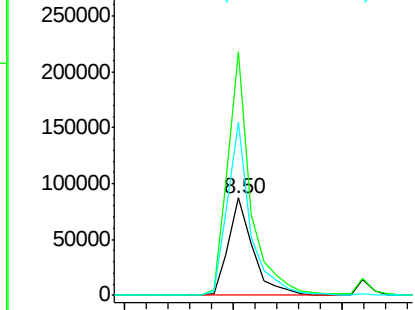
#35
 Caprolactam
 Concen: 37.51 ng
 RT: 8.50 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 136850
 Ion Ratio Lower Upper
 113 100
 55 250.2 119.2 159.2#
 56 177.7 83.8 123.8#

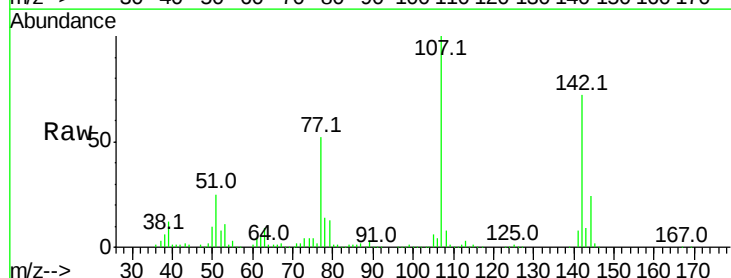


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

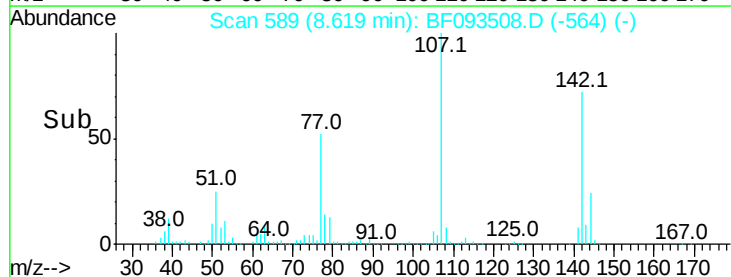
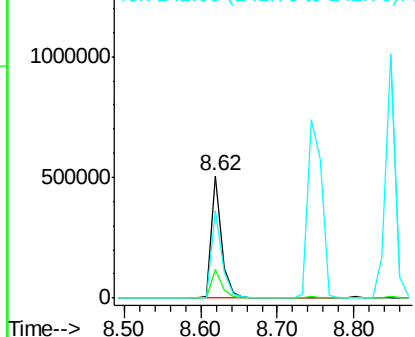


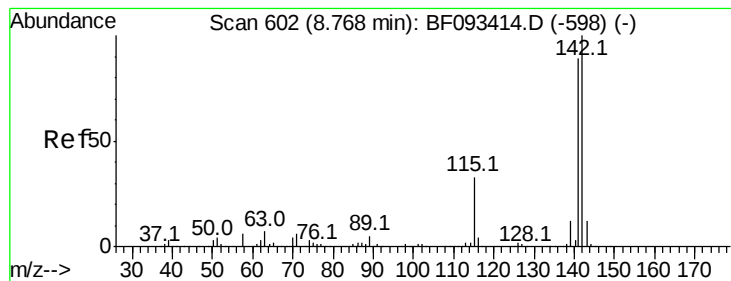
#36
 4-Chloro-3-methylphenol
 Concen: 41.54 ng
 RT: 8.62 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:107 Resp: 473657
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.3 28.9
 142 71.9 59.0 88.6



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





#37

2-Methylnaphthalene

Concen: 38.38 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

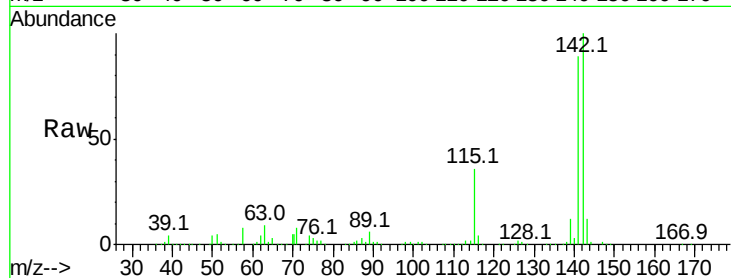
Tot Ion:142 Resp: 924365

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

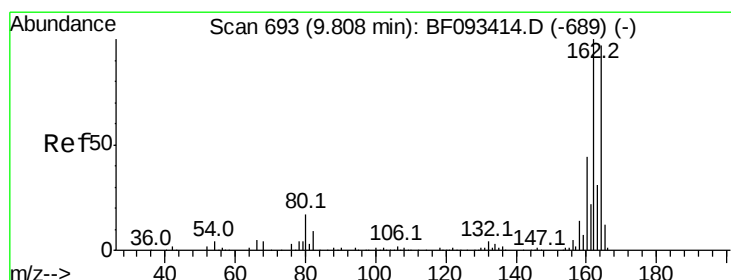
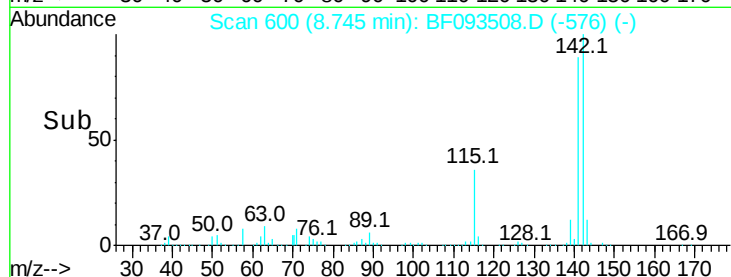
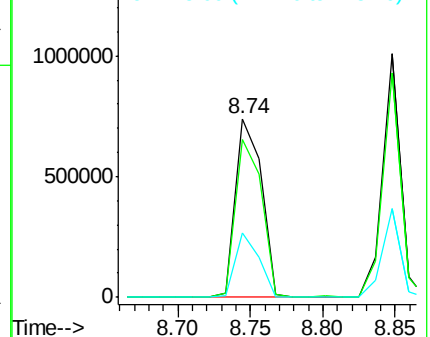
115 36.3 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

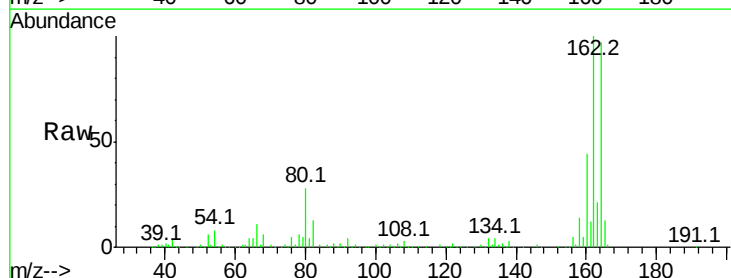
Tgt Ion:164 Resp: 345434

Ion Ratio Lower Upper

164 100

162 103.5 80.2 120.2

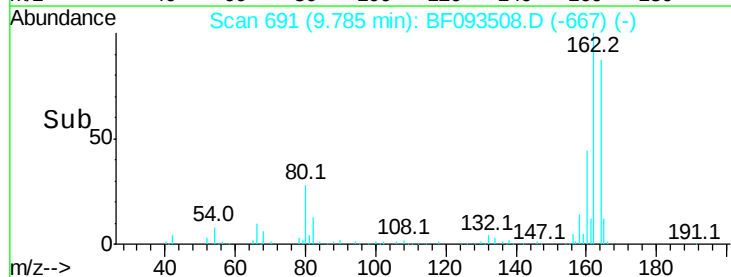
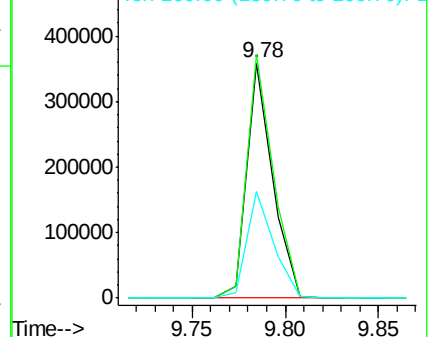
160 45.3 36.9 55.3

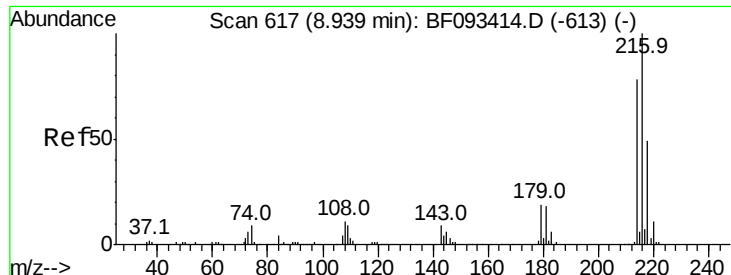


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

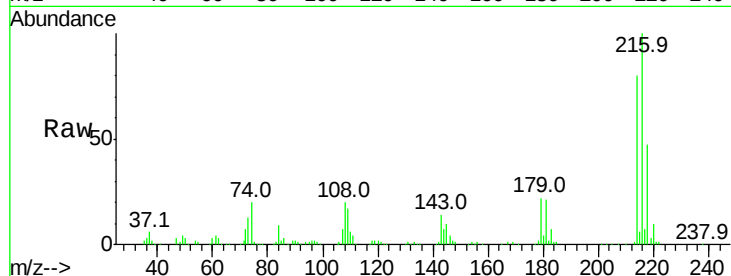




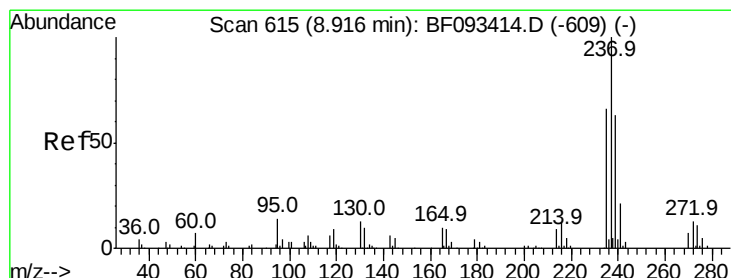
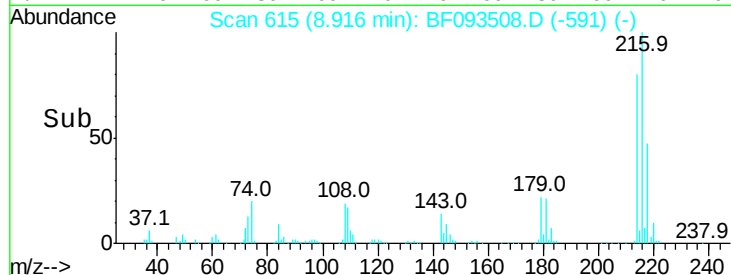
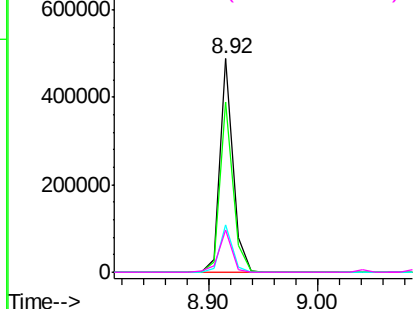
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.88 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	413906
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	21.9	17.4	26.2
108	20.2	15.6	23.4

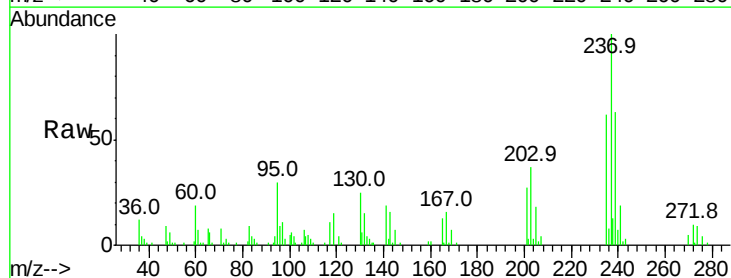


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

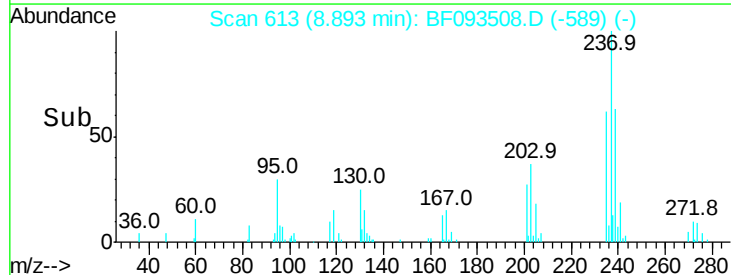
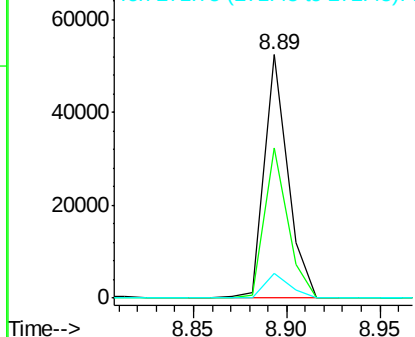


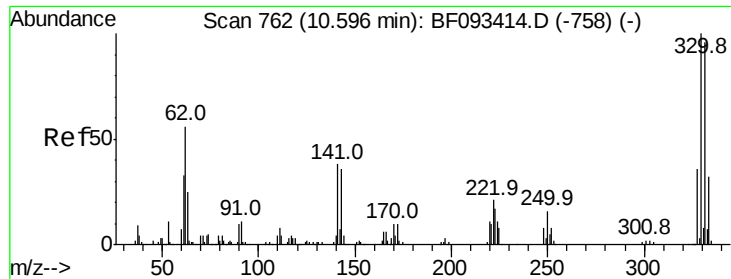
#40
 Hexachlorocyclopentadiene
 Concen: 28.22 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:	237	Resp:	45249
Ion	Ratio	Lower	Upper
237	100		
235	61.7	41.2	81.2
272	10.2	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

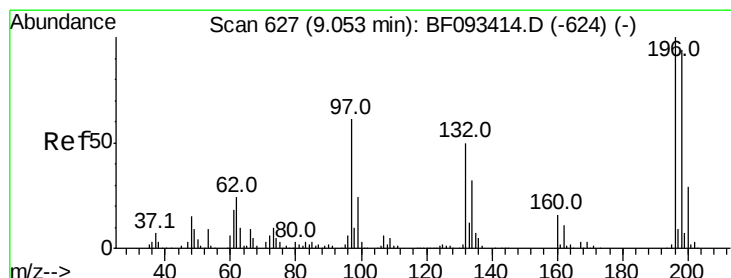
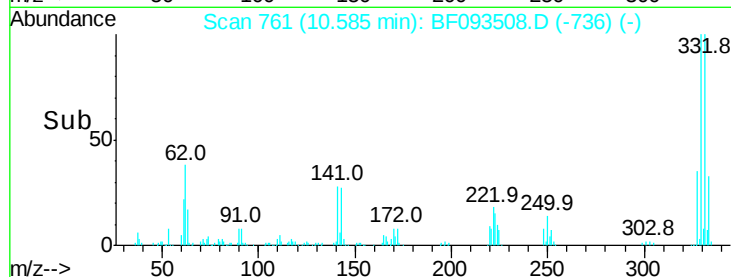
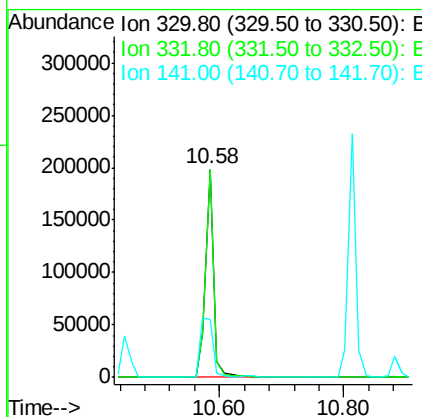
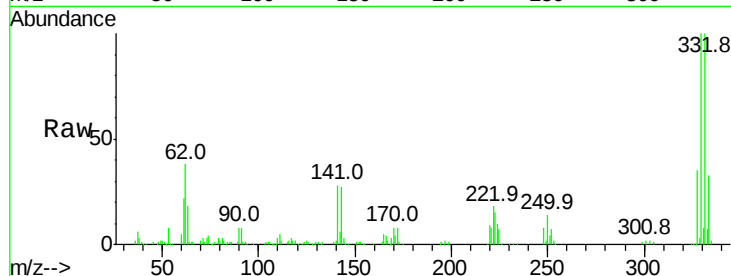




#41
 2,4,6-Tribromophenol
 Concen: 82.72 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

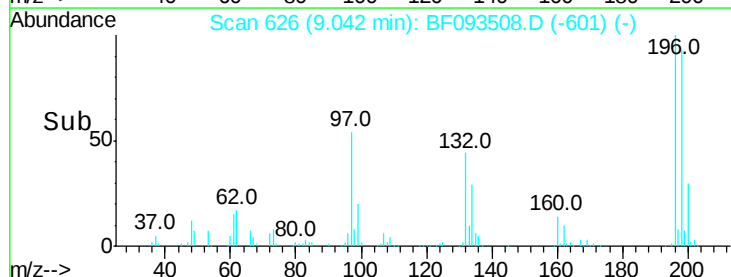
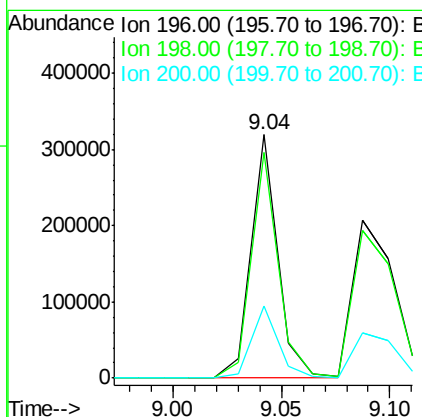
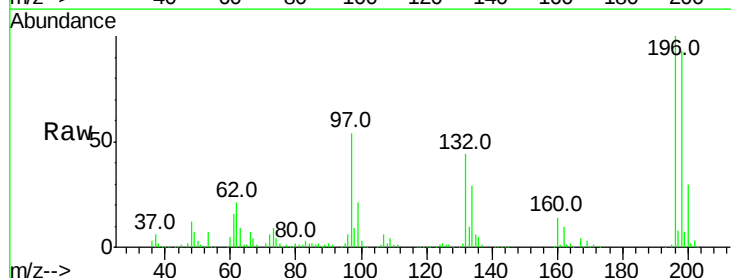
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

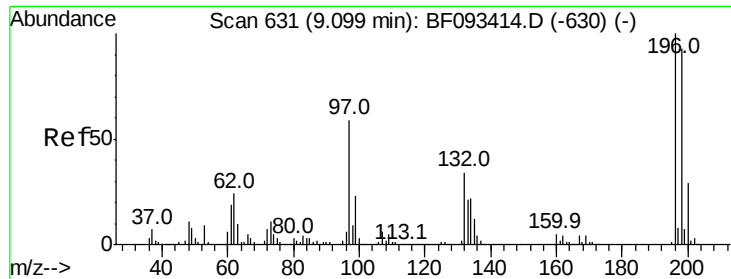
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.4	116.2
141	44.0	34.1	51.1



#42
 2,4,6-Trichlorophenol
 Concen: 46.53 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	82.1	123.1
200	29.8	27.0	40.4

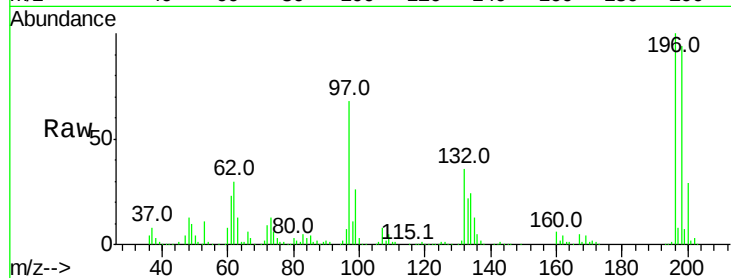




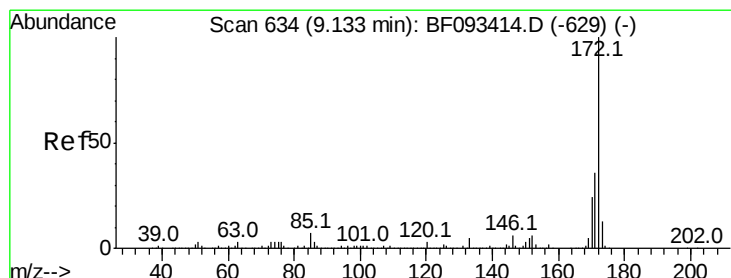
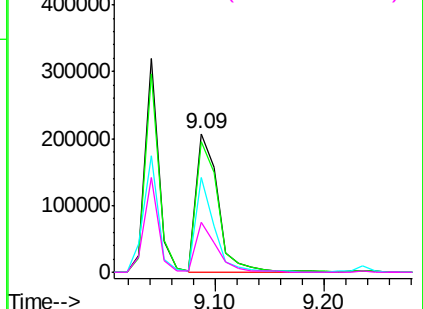
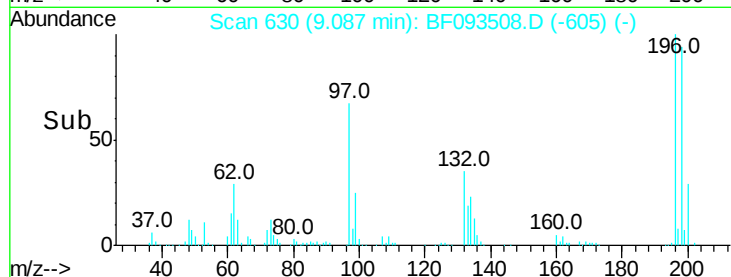
#43
 2,4,5-Trichlorophenol
 Concen: 45.88 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	290135
Ion	Ratio	Lower	Upper
196	100		
198	93.6	79.4	119.2
97	68.1	51.5	77.3
132	35.7	27.4	41.2

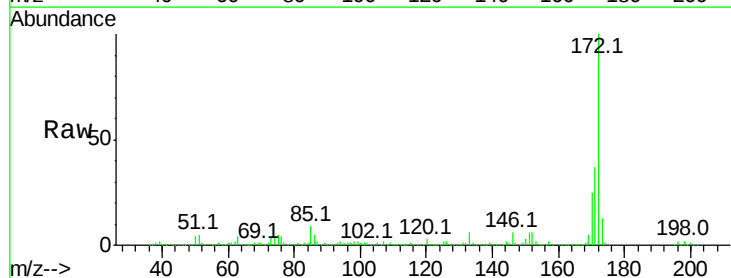


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

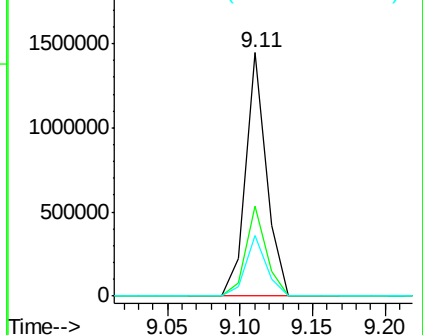
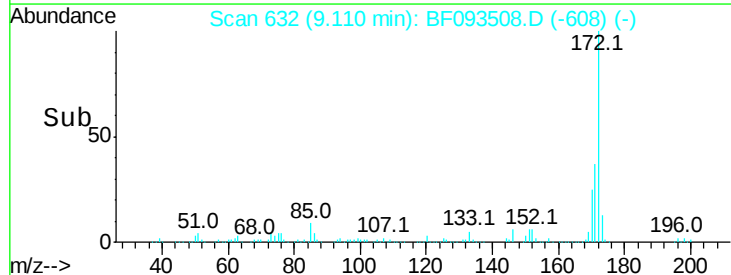


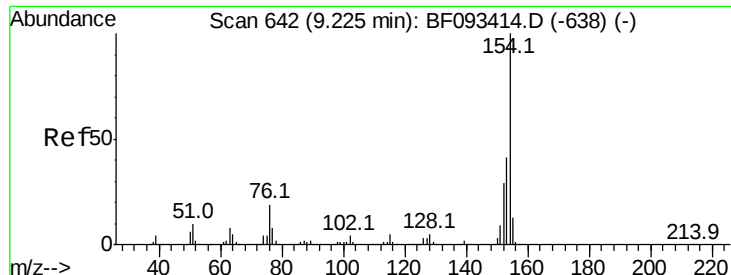
#44
 2-Fluorobiphenyl
 Concen: 77.64 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:	172	Resp:	1441914
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.8	20.2	30.4



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





#45

1,1'-Biphenyl

Concen: 44.53 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

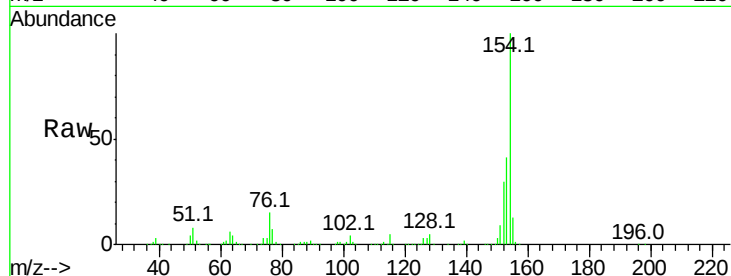
Tot Ion:154 Resp: 1120647

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

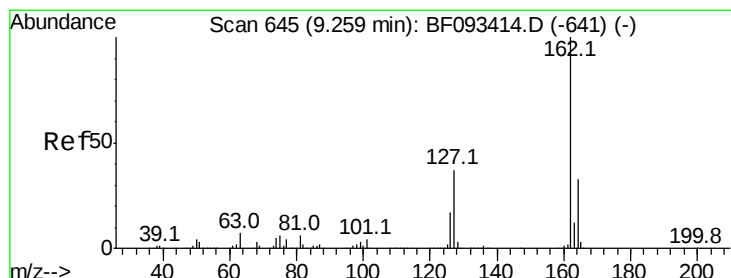
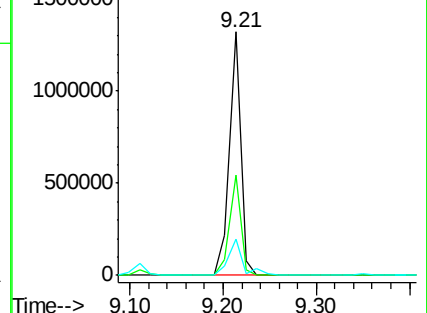
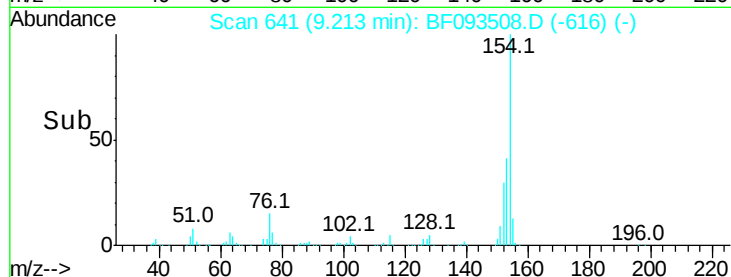
76 14.6 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.65 ng

RT: 9.24 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

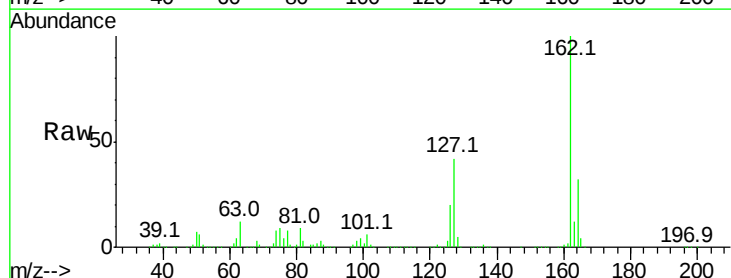
Tgt Ion:162 Resp: 859964

Ion Ratio Lower Upper

162 100

127 42.2 30.7 46.1

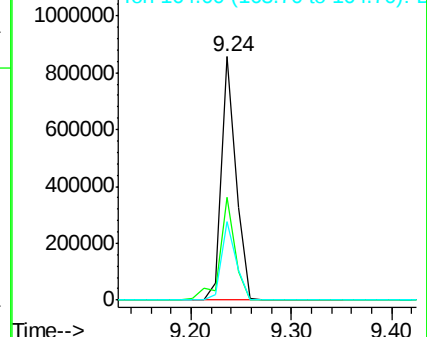
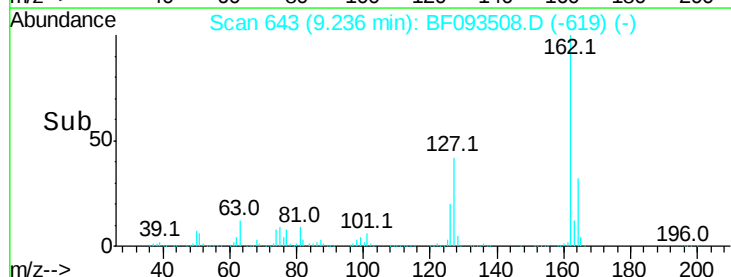
164 32.1 27.6 41.4

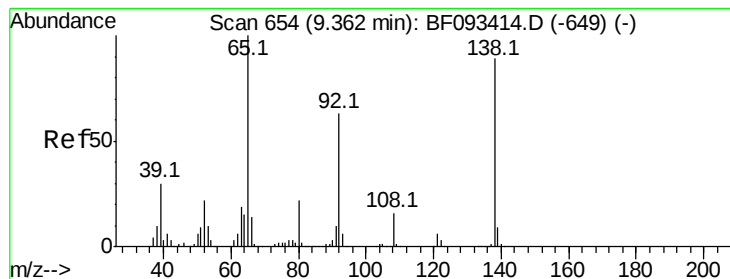


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.45 ng

RT: 9.35 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

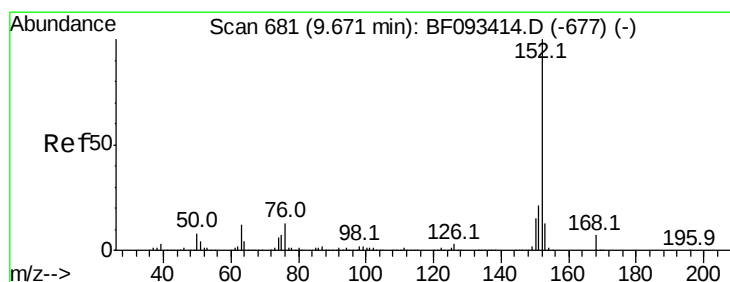
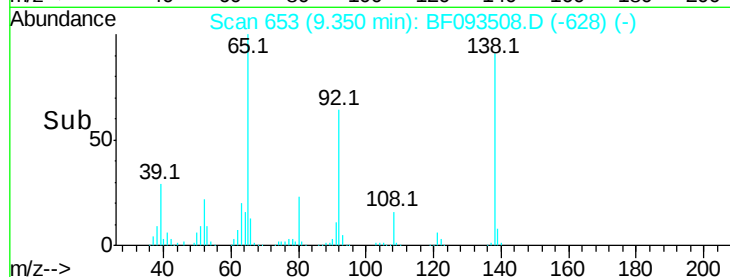
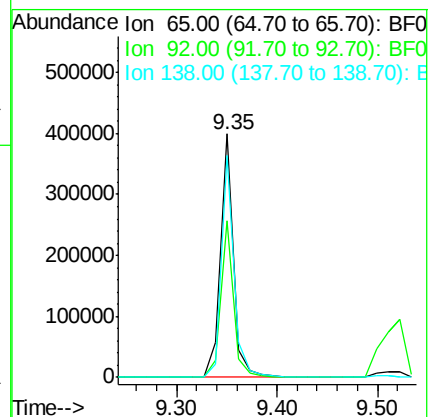
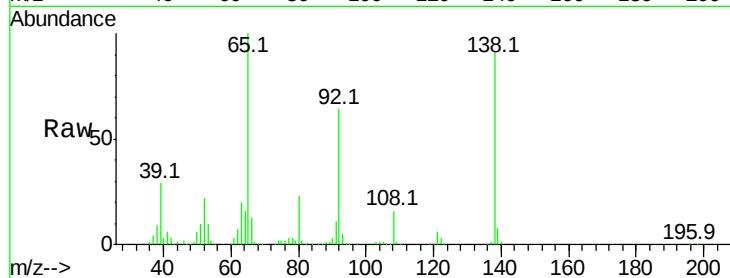
Tot Ion: 65 Resp: 357118

Ion Ratio Lower Upper

65 100

92 64.4 53.9 80.9

138 91.0 76.8 115.2



#48

Acenaphthylene

Concen: 41.64 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

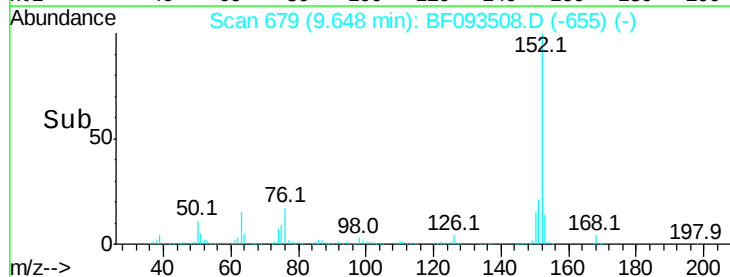
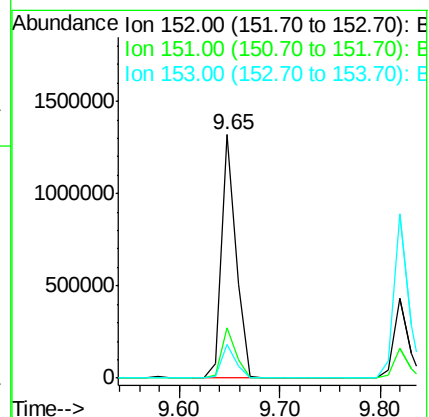
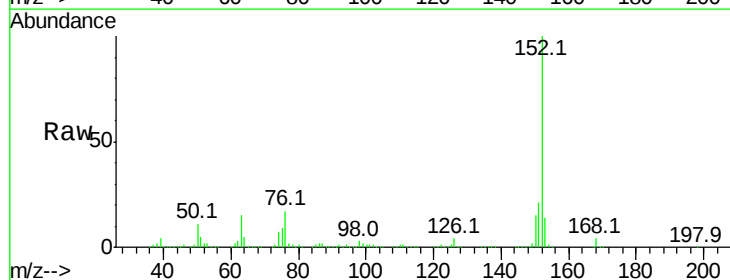
Tgt Ion: 152 Resp: 1322672

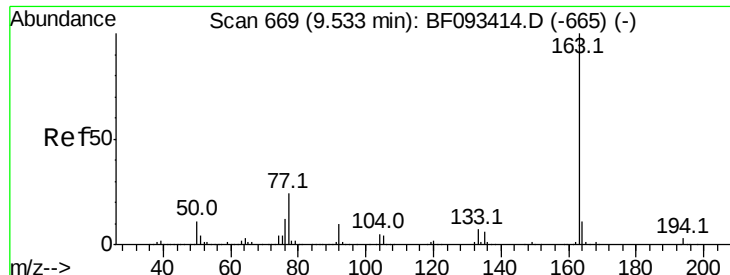
Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

153 13.8 11.4 17.2

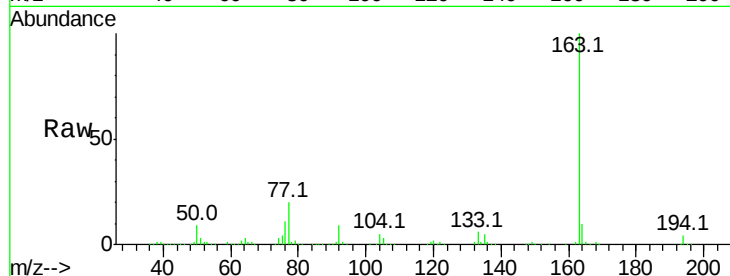




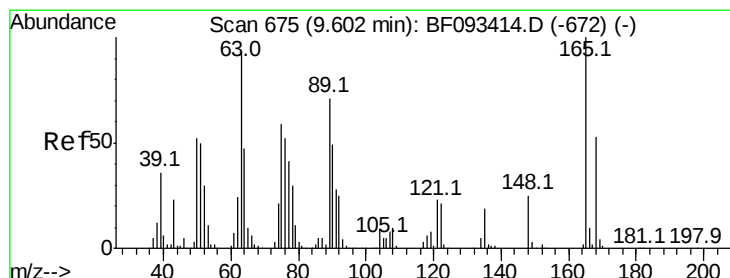
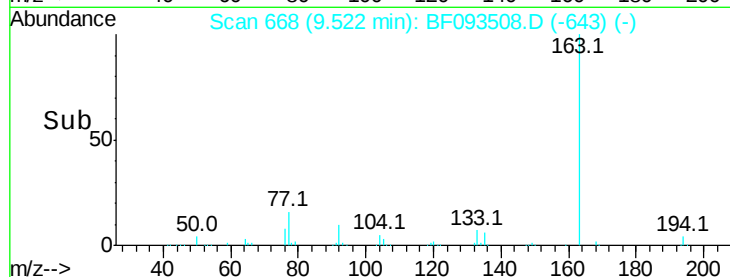
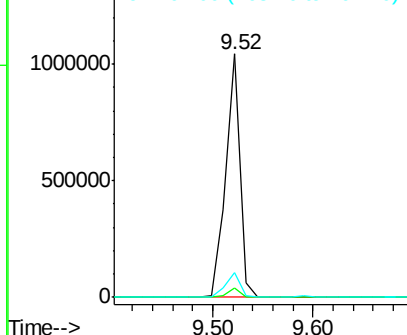
#49
Dimethylphthalate
Concen: 44.89 ng
RT: 9.52 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1027976
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.0 8.0 12.0

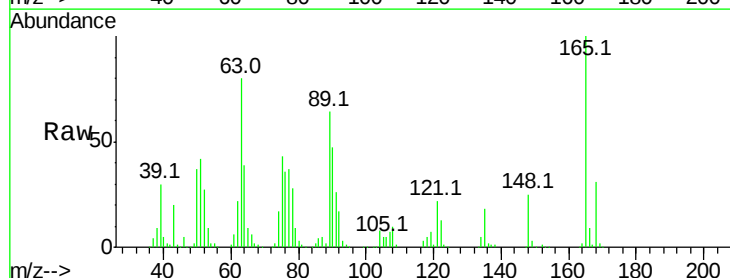


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

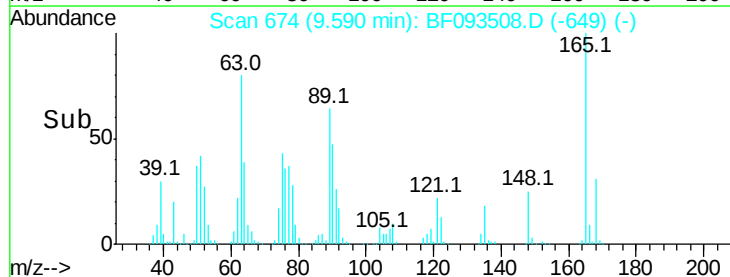
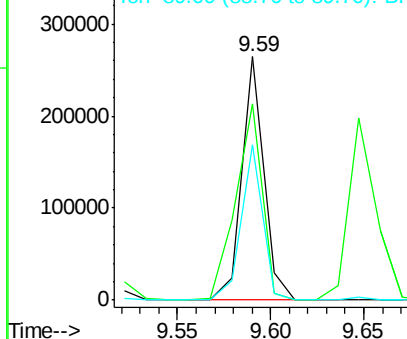


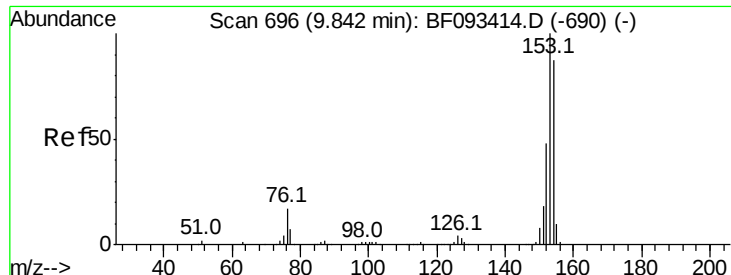
#50
2,6-Dinitrotoluene
Concen: 43.60 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion:165 Resp: 219075
Ion Ratio Lower Upper
165 100
63 80.4 36.2 54.4#
89 64.0 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

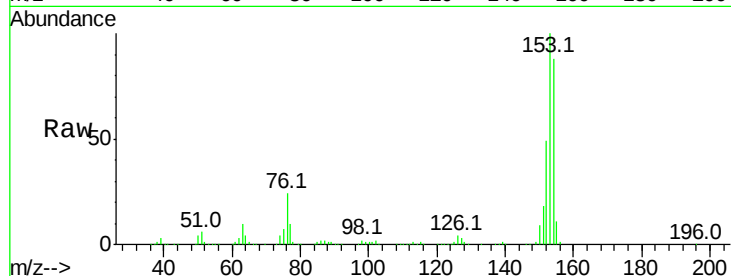




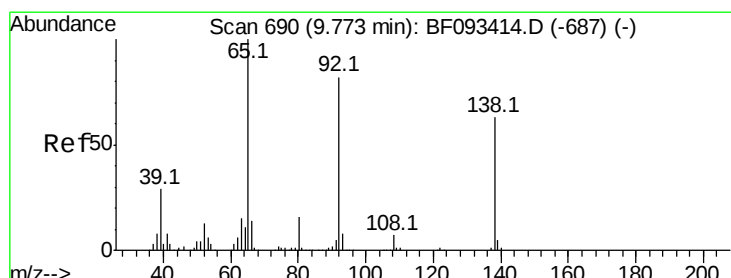
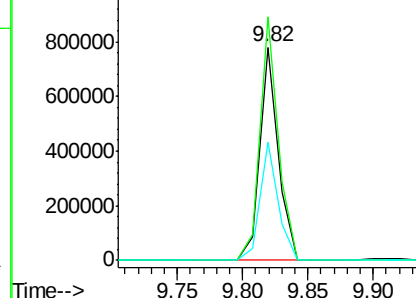
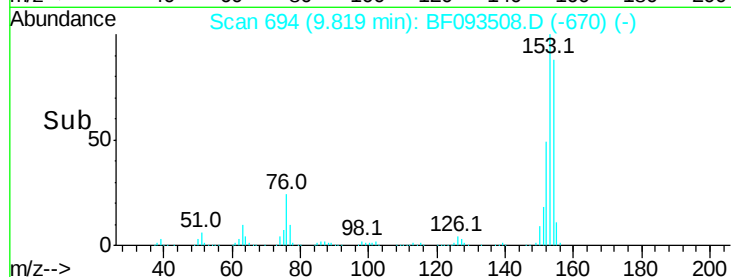
#51
Acenaphthene
Concen: 40.88 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 767859
Ion Ratio Lower Upper
154 100
153 114.0 88.6 133.0
152 55.6 41.6 62.4

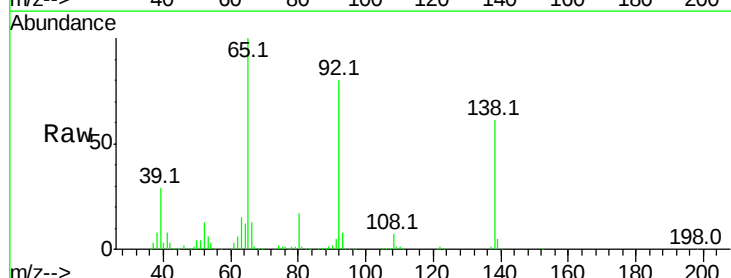


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

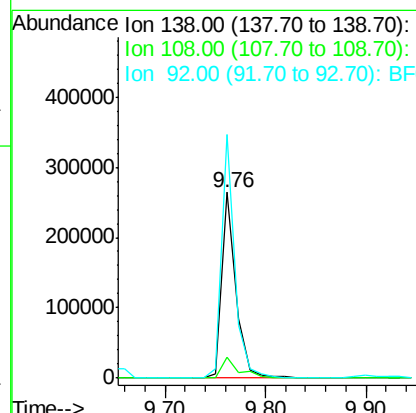
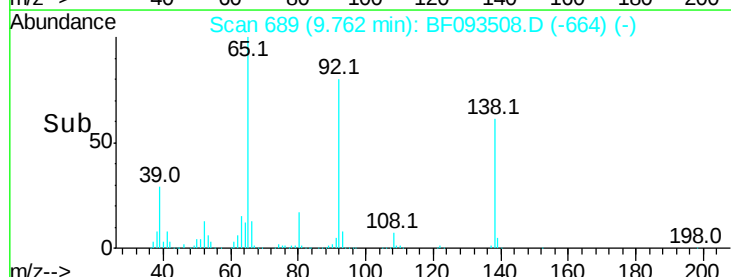


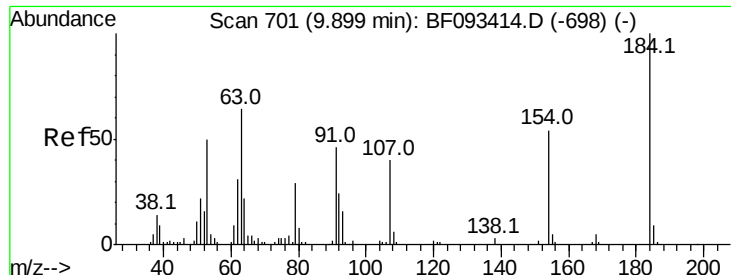
#52
3-Nitroaniline
Concen: 42.71 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion:138 Resp: 257852
Ion Ratio Lower Upper
138 100
108 11.2 8.5 12.7
92 130.9 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

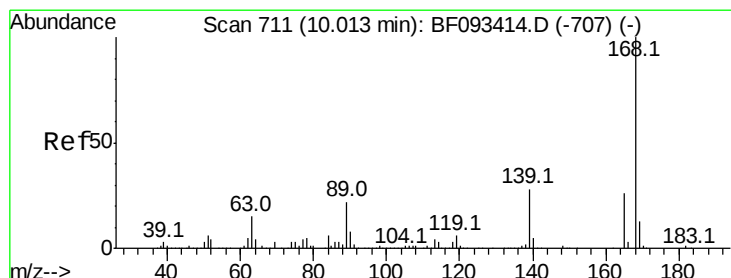
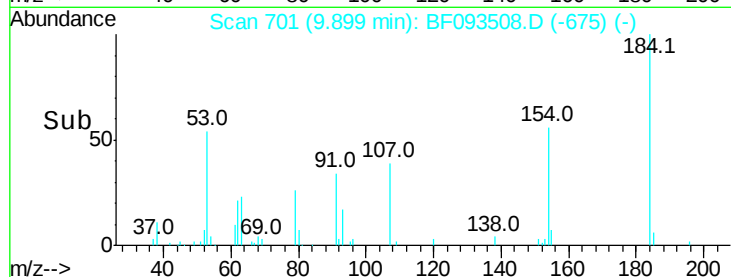
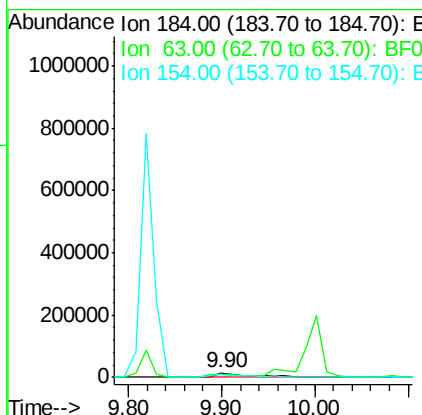
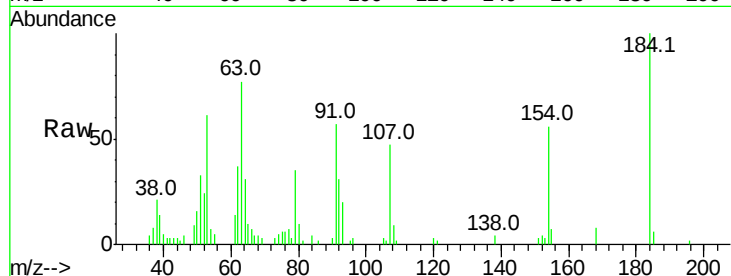




#53
2,4-Dinitrophenol
Concen: 17.53 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

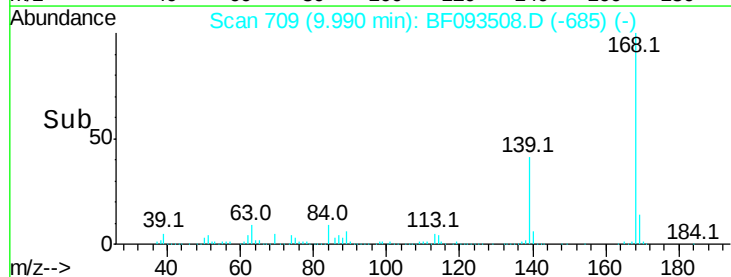
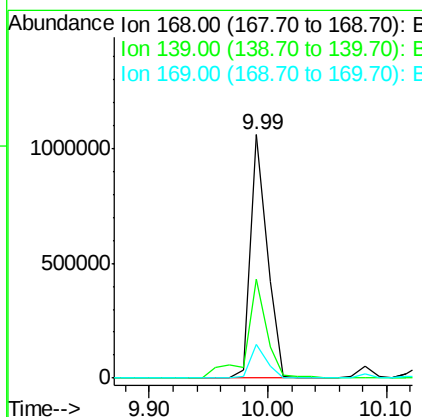
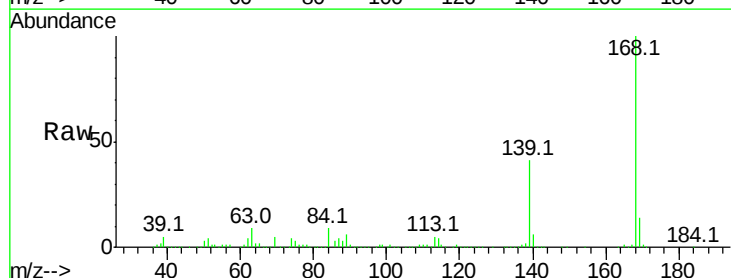
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

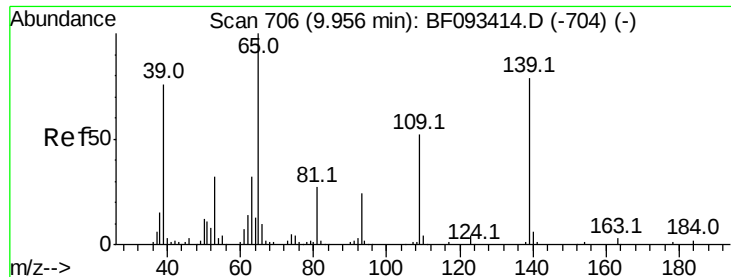
Tot Ion:184 Resp: 40123
Ion Ratio Lower Upper
184 100
63 76.6 28.4 42.6#
154 56.1 44.3 66.5



#54
Dibenzofuran
Concen: 44.83 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion:168 Resp: 1054004
Ion Ratio Lower Upper
168 100
139 40.8 32.6 49.0
169 14.0 11.3 16.9





#55

4-Nitrophenol

Concen: 36.21 ng/mL

RT: 9.97 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

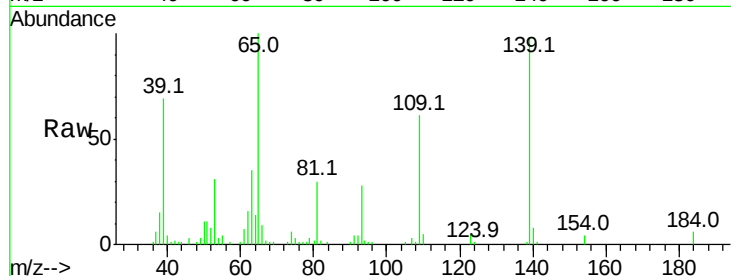
Tot Ion:139 Resp: 106171

Ion Ratio Lower Upper

139 100

109 62.5 52.2 92.2

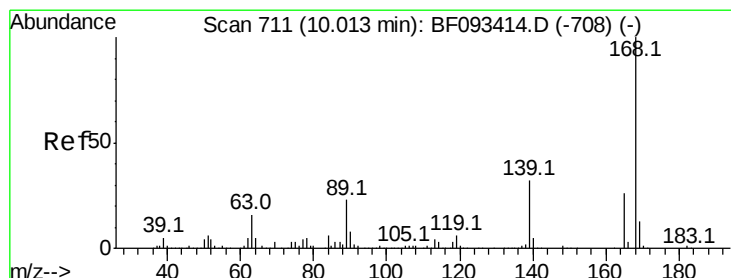
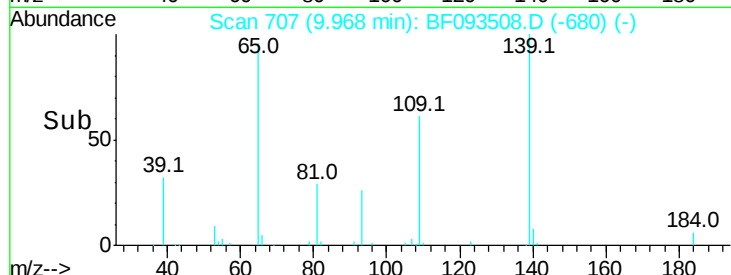
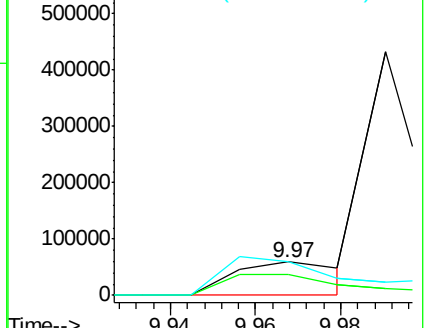
65 101.9 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 46.58 ng/mL

RT: 10.00 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Tgt Ion:165 Resp: 287536

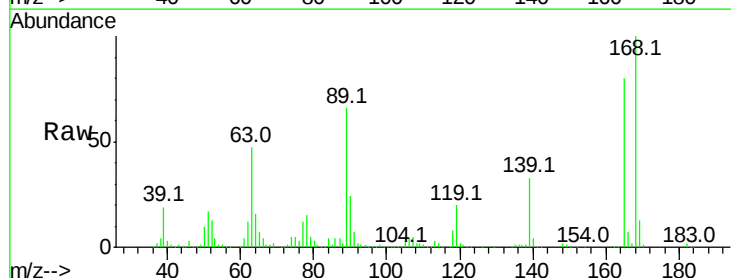
Ion Ratio Lower Upper

165 100

63 58.8 40.2 60.4

89 82.1 62.5 93.7

182 2.1 1.8 2.8

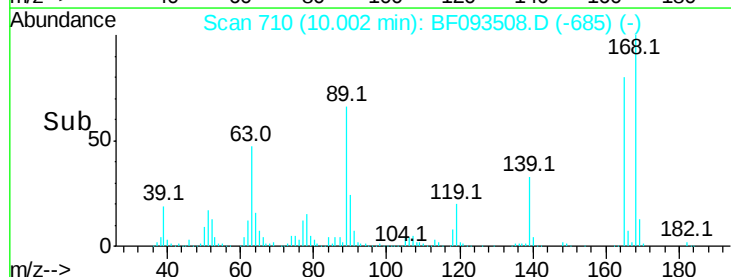
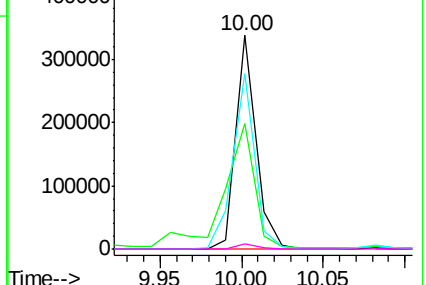


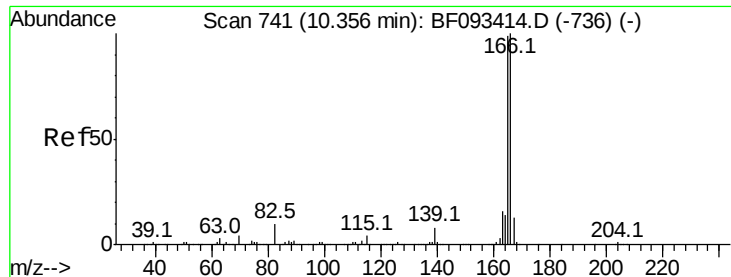
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

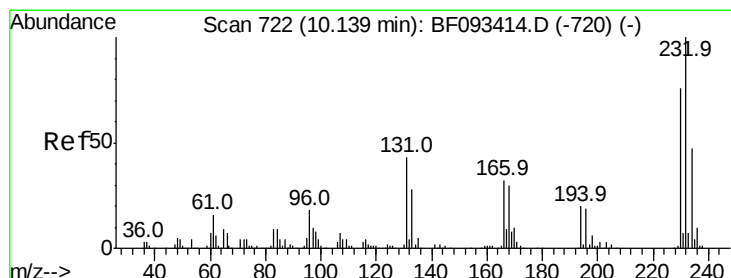
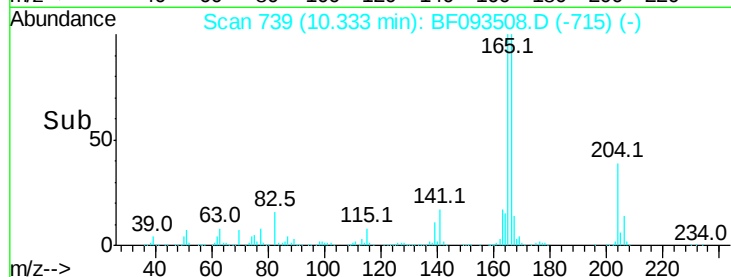
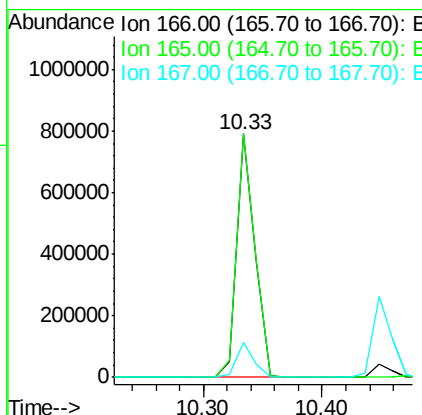
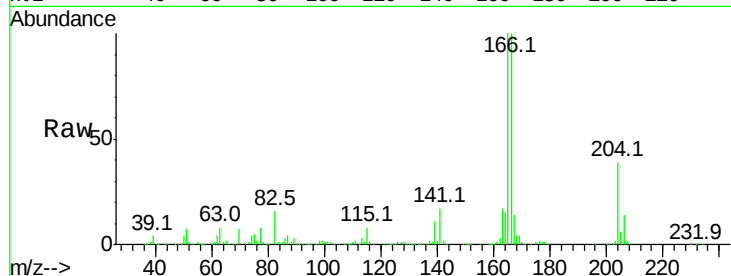




#57
 Fluorene
 Concen: 42.34 ng
 RT: 10.33 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

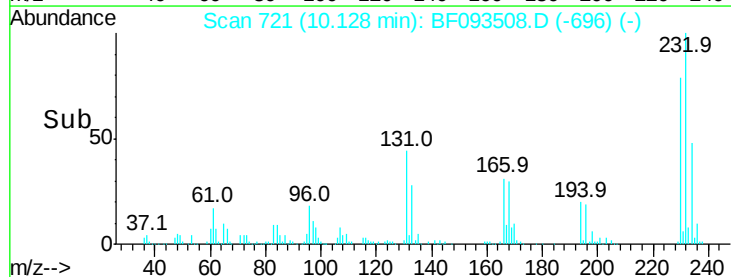
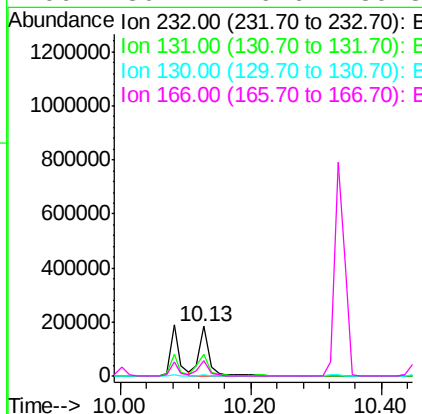
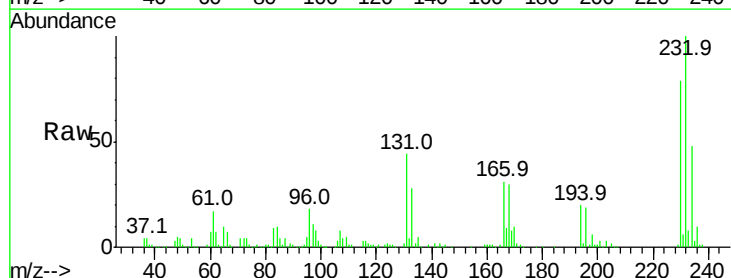
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

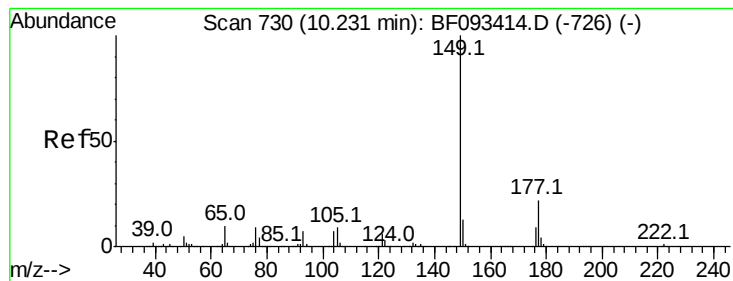
Tot Ion:166 Resp: 843619
 Ion Ratio Lower Upper
 166 100
 165 99.9 77.8 116.8
 167 14.2 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.33 ng
 RT: 10.13 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:232 Resp: 197839
 Ion Ratio Lower Upper
 232 100
 131 49.5 40.1 60.1
 130 2.4 1.8 2.8
 166 30.2 26.6 39.8





#59

Diethylphthalate

Concen: 46.35 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

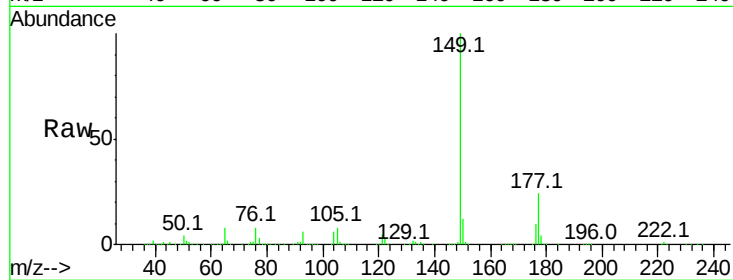
Tot Ion:149 Resp: 1014557

Ion Ratio Lower Upper

149 100

177 24.0 16.6 25.0

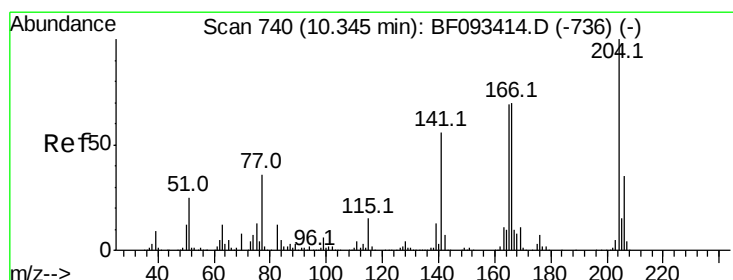
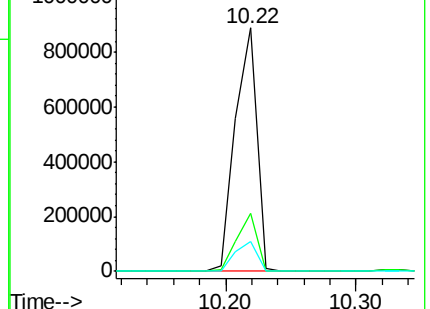
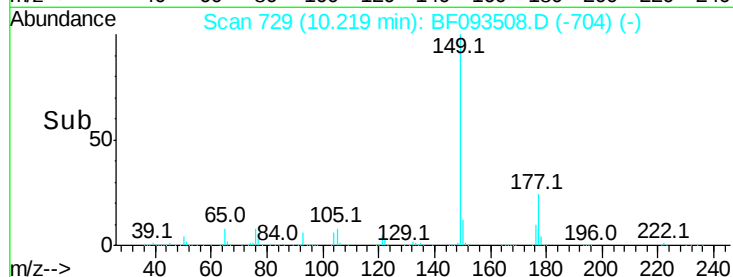
150 12.2 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.59 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

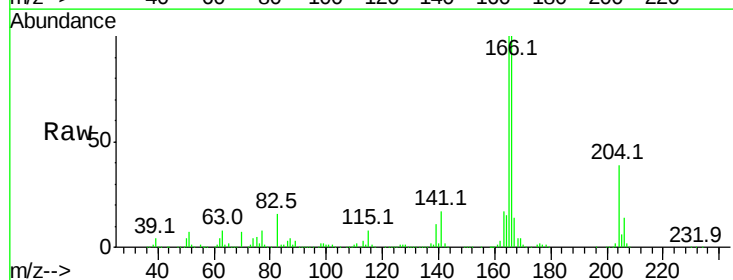
Tgt Ion:204 Resp: 407148

Ion Ratio Lower Upper

204 100

206 35.5 25.8 38.6

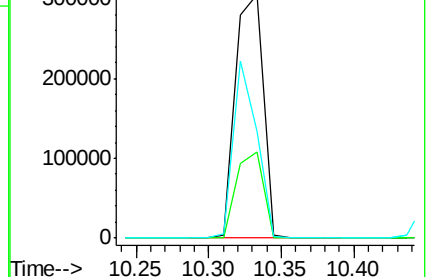
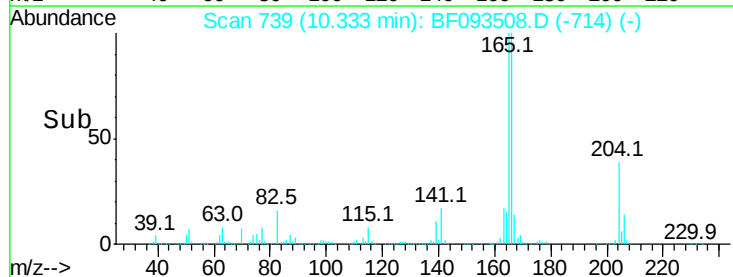
141 44.0 59.4 89.0#

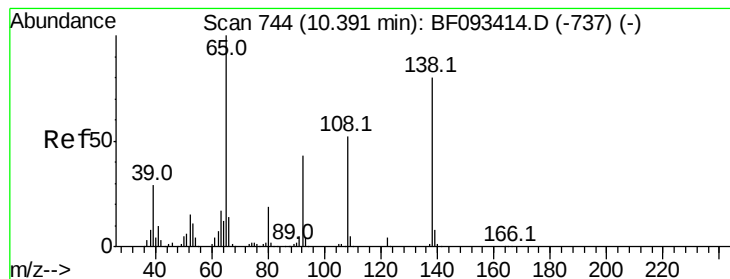


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.64 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

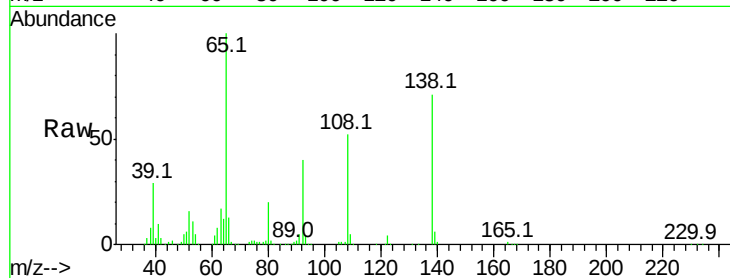
Tot Ion:138 Resp: 226222

Ion Ratio Lower Upper

138 100

92 56.2 31.7 71.7

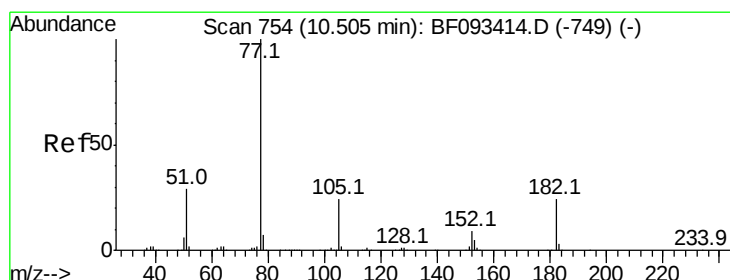
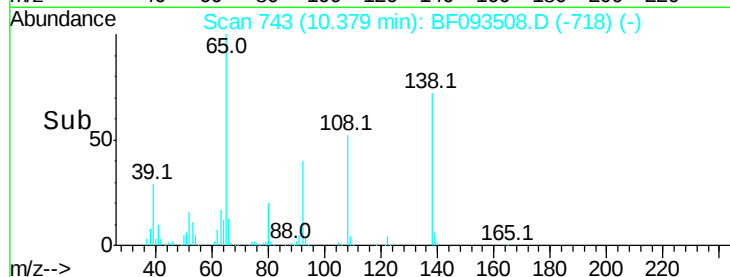
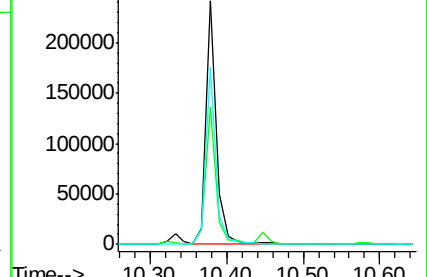
108 72.5 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.55 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Tgt Ion: 77 Resp: 1157678

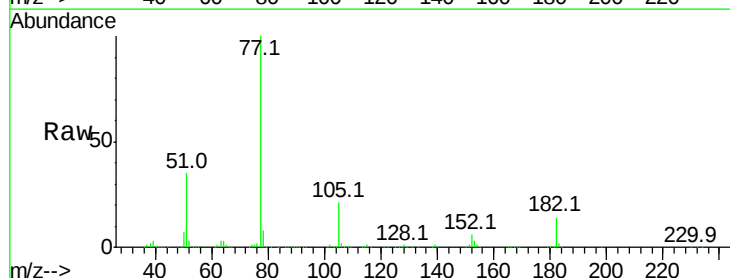
Ion Ratio Lower Upper

77 100

182 13.5 0.0 39.3

105 20.8 2.3 42.3

51 34.9 8.9 48.9

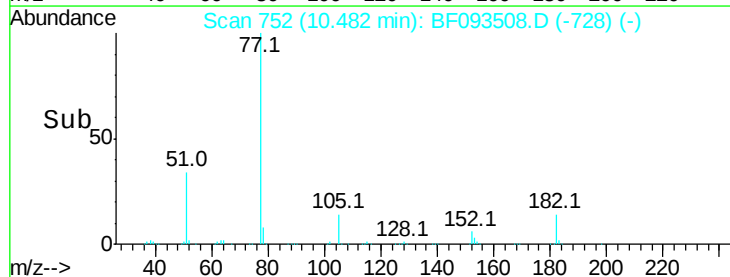
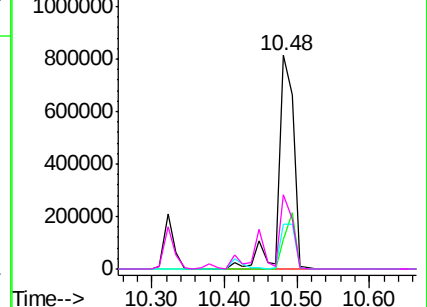


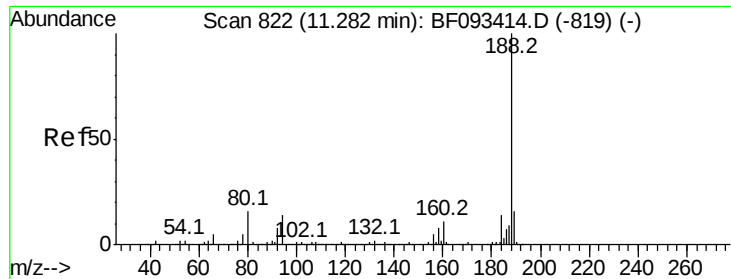
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

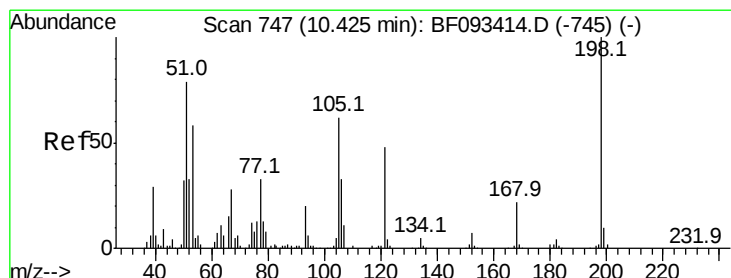
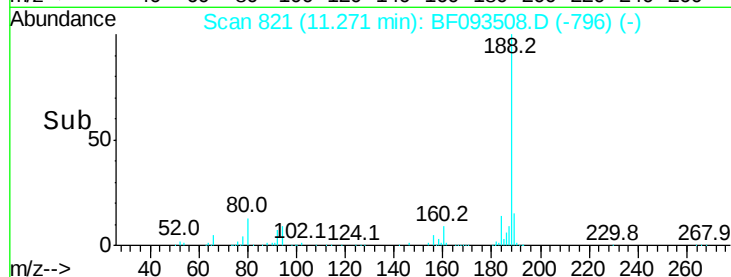
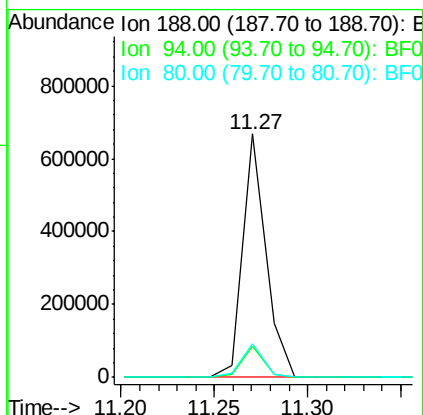
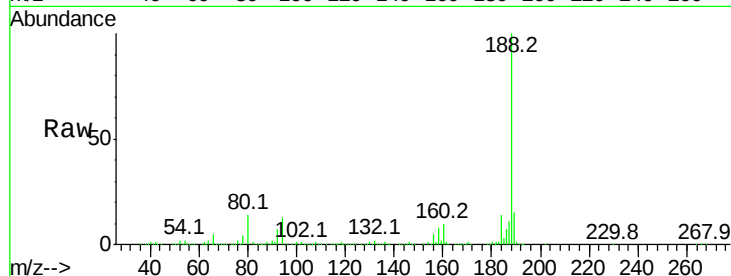




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

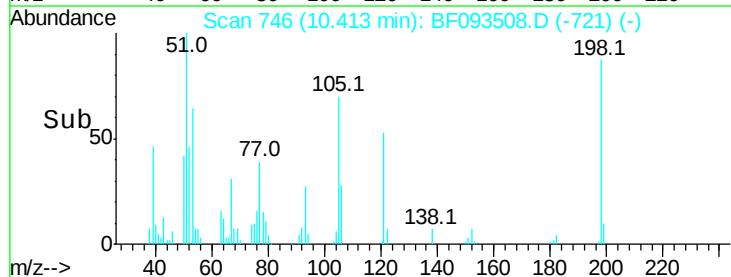
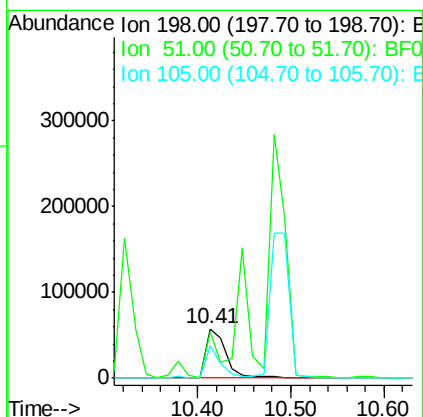
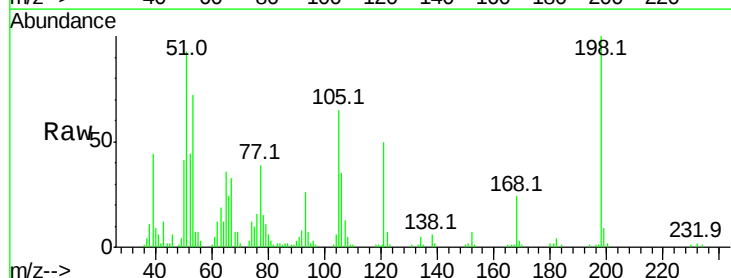
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

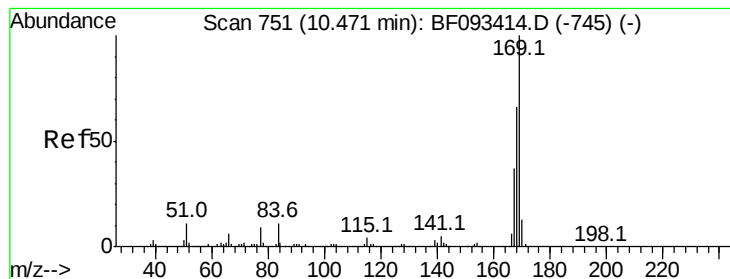
Tot Ion:188 Resp: 585880
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 13.9 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 23.59 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion:198 Resp: 89542
Ion Ratio Lower Upper
198 100
51 93.4 6.7 46.7#
105 65.2 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 38.28 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

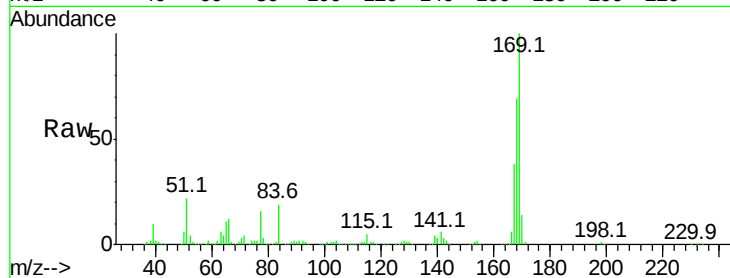
Tot Ion:169 Resp: 748935

Ion Ratio Lower Upper

169 100

168 68.8 54.2 81.2

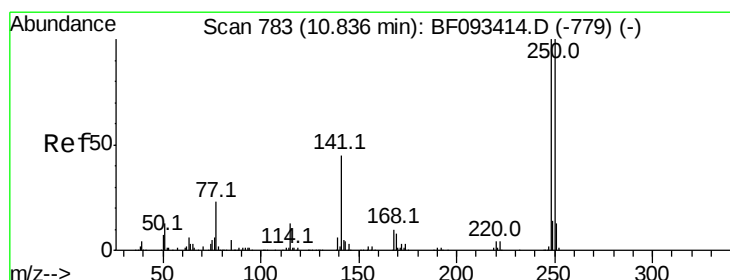
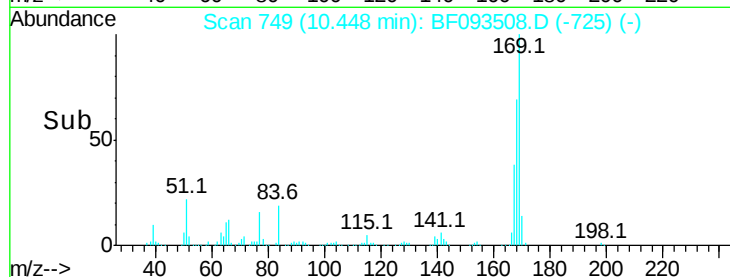
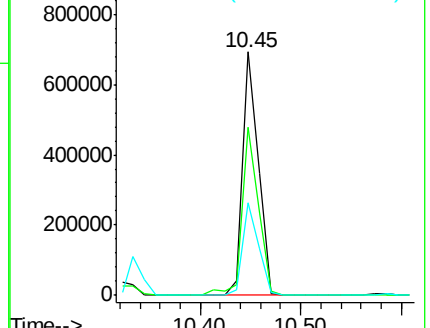
167 38.3 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.41 ng

RT: 10.81 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

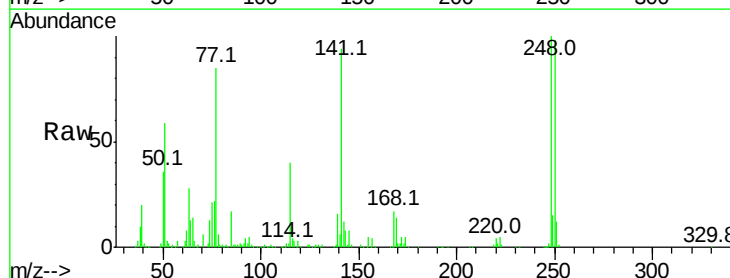
Tgt Ion:248 Resp: 231784

Ion Ratio Lower Upper

248 100

250 98.0 76.9 115.3

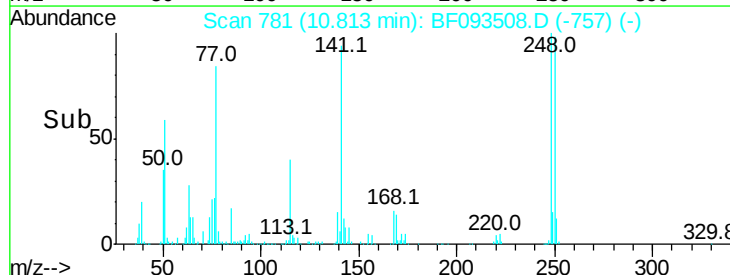
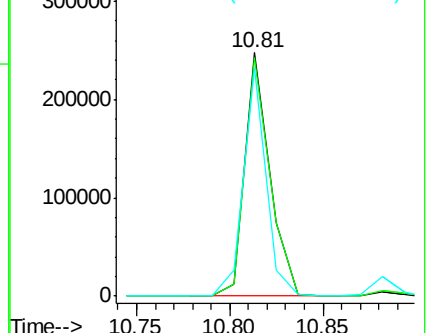
141 93.8 68.2 102.4

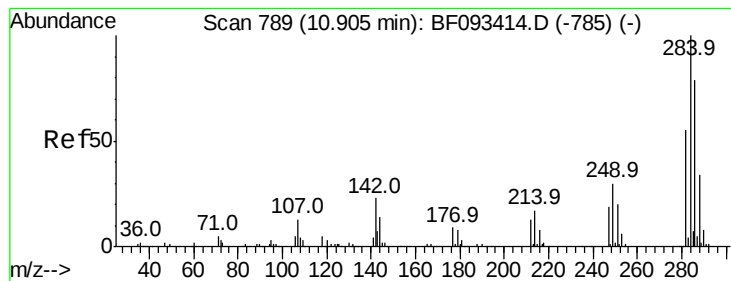


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.74 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

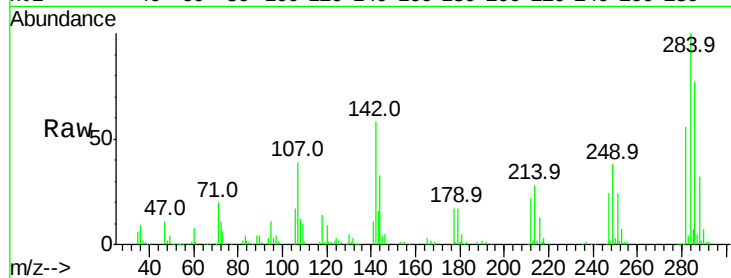
Tot Ion:284 Resp: 223269

Ion Ratio Lower Upper

284 100

142 58.1 22.6 33.8#

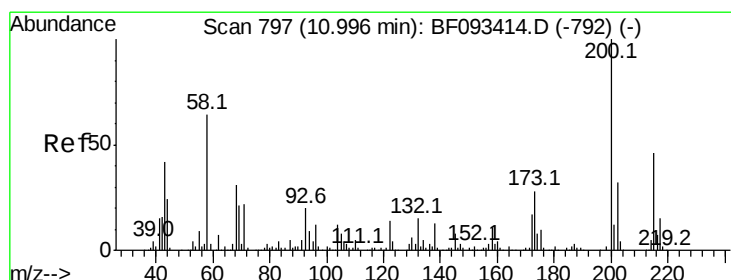
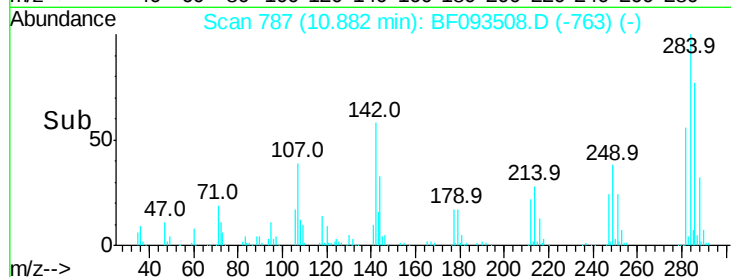
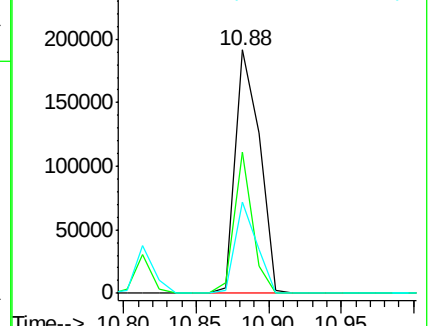
249 37.7 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.20 ng

RT: 10.98 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

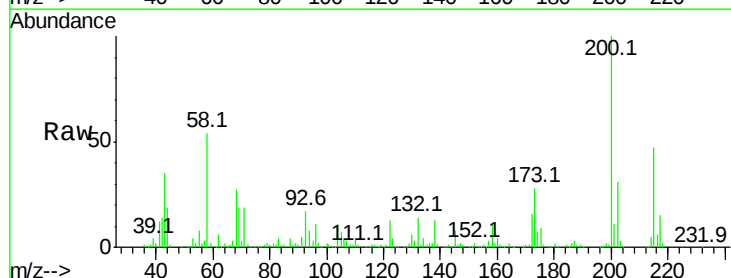
Tgt Ion:200 Resp: 270244

Ion Ratio Lower Upper

200 100

173 27.9 9.6 49.6

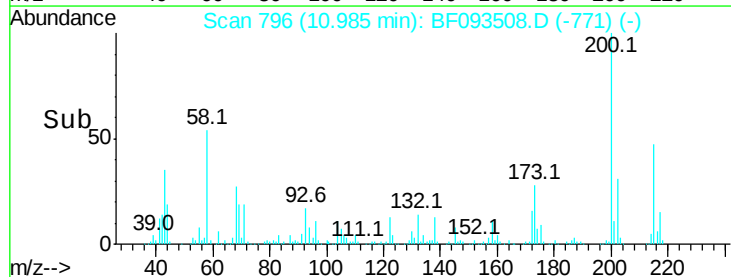
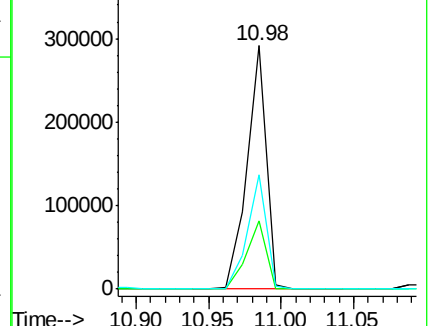
215 46.7 25.7 65.7

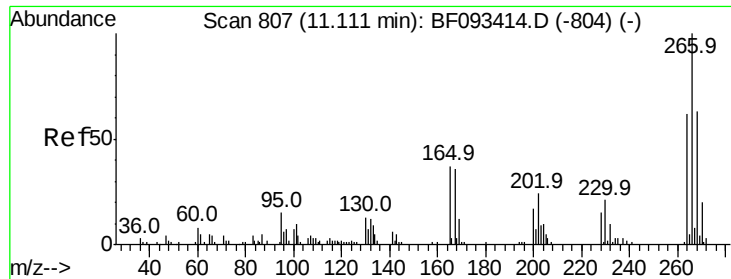


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

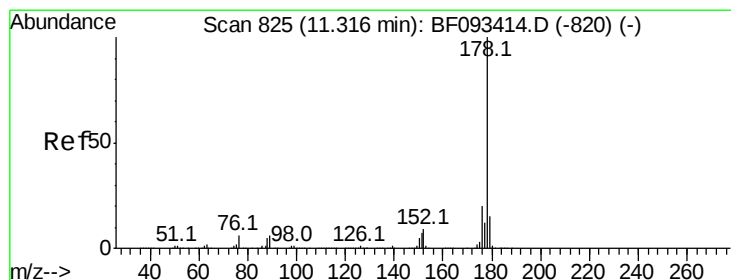
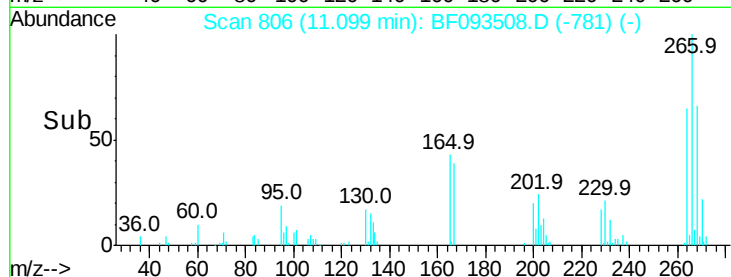
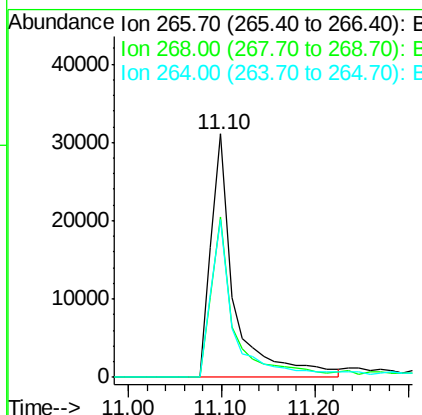
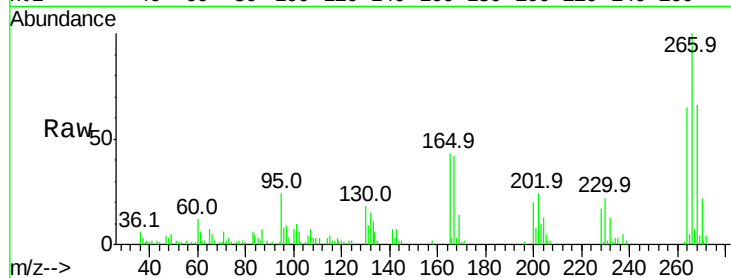




#69
 Pentachlorophenol
 Concen: 26.82 ng
 RT: 11.10 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

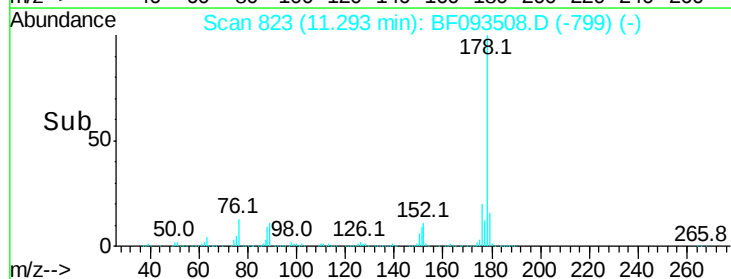
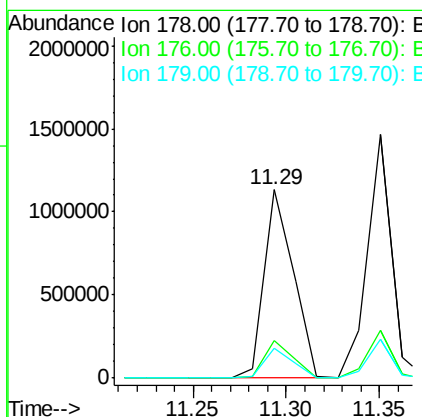
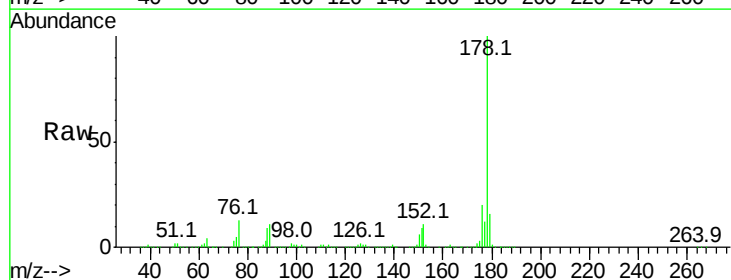
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

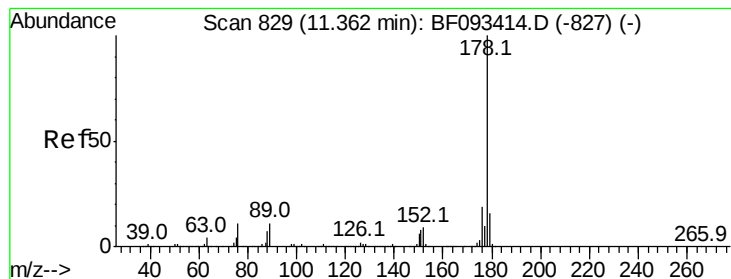
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	53.3	79.9
264	64.9	50.3	75.5



#70
 Phenanthrene
 Concen: 36.58 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	15.6	12.8	19.2





#71

Anthracene

Concen: 38.57 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

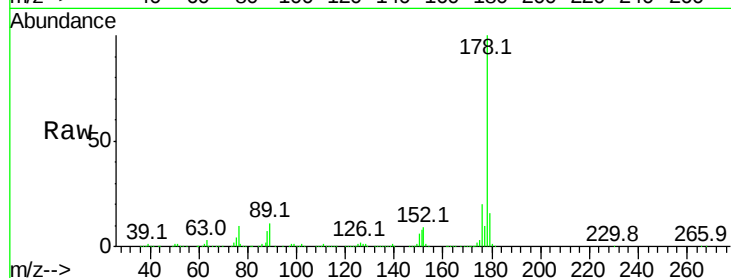
Tot Ion:178 Resp: 1304713

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.9	13.2	19.8

178 100

176 19.6 15.9 23.9

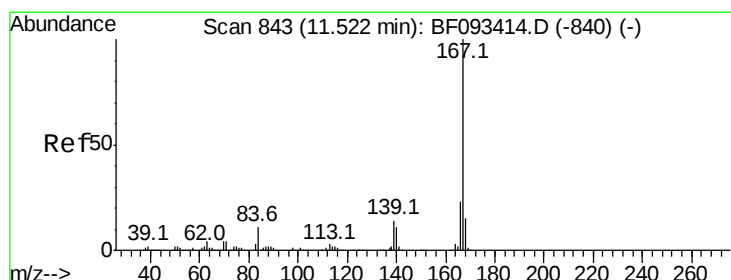
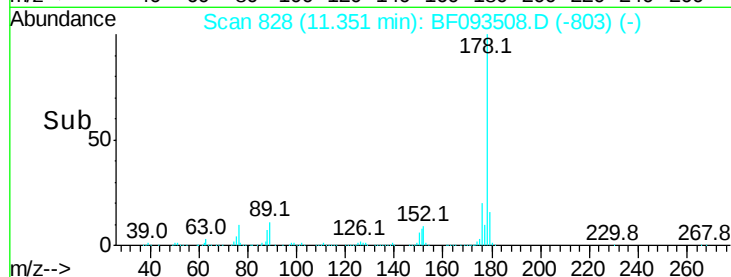
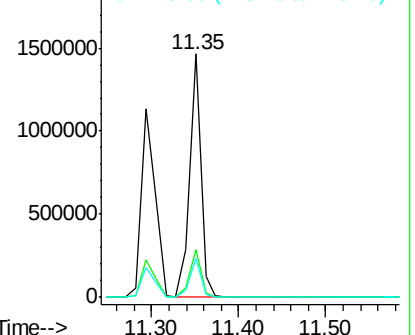
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.64 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

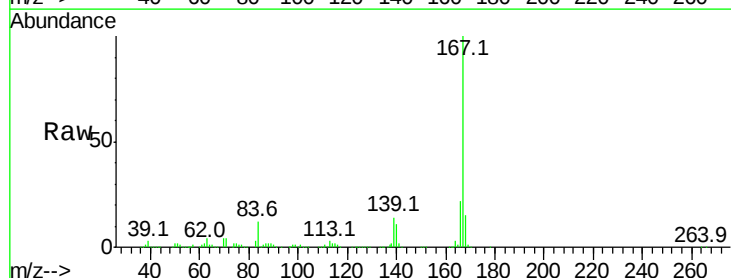
Tgt Ion:167 Resp: 1164429

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	14.3	11.4	17.2

167 100

166 22.2 18.2 27.2

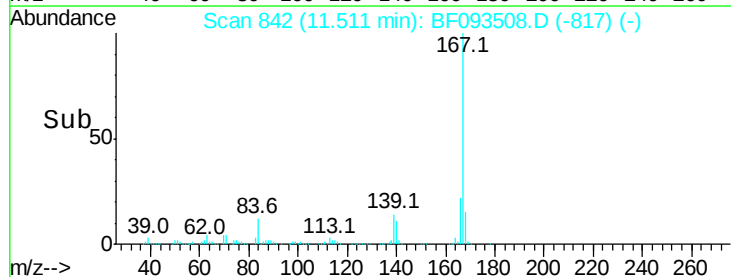
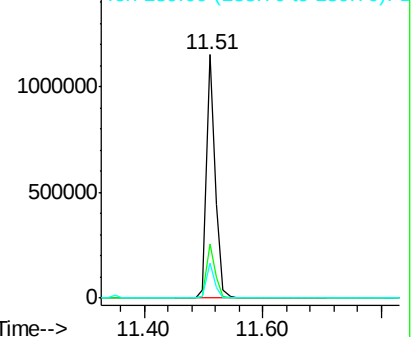
139 14.3 11.4 17.2

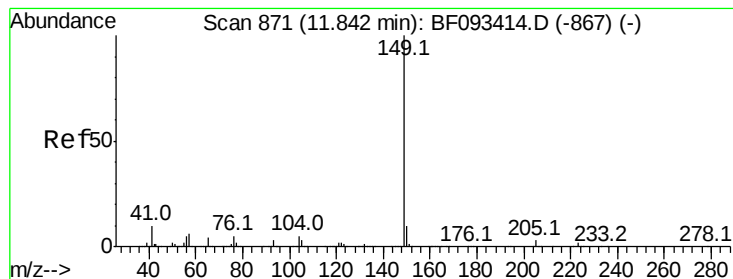


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.99 ng

RT: 11.83 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

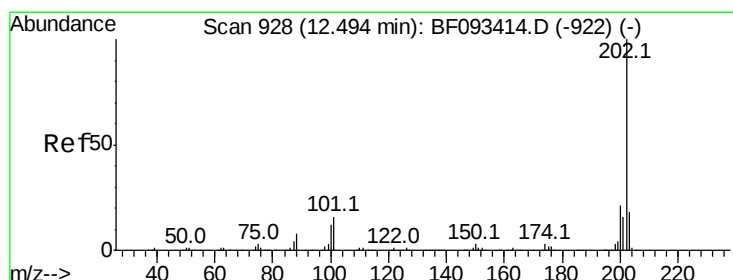
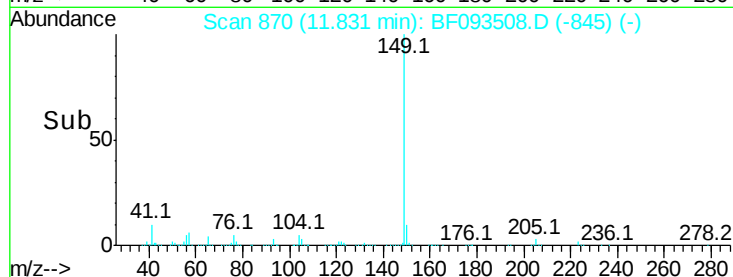
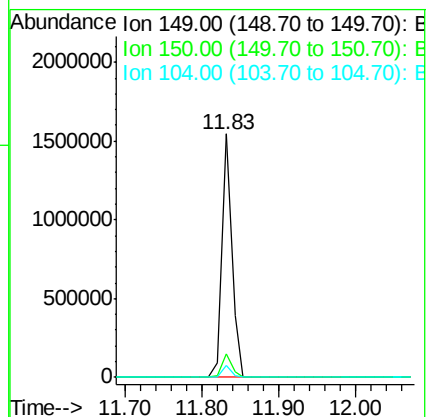
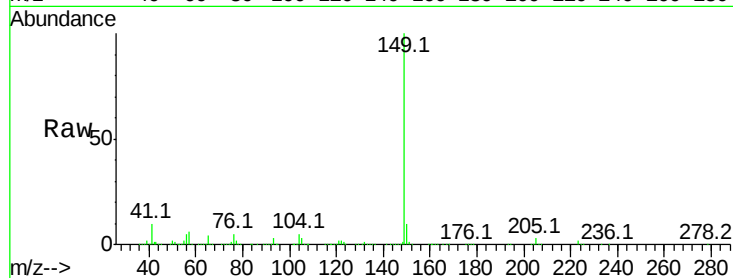
Tot Ion:149 Resp: 1396685

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

104 5.1 4.6 7.0



#74

Fluoranthene

Concen: 33.51 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

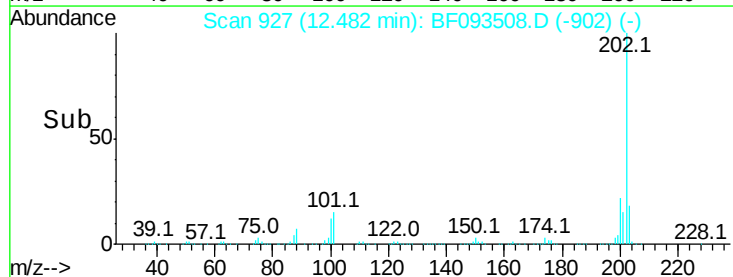
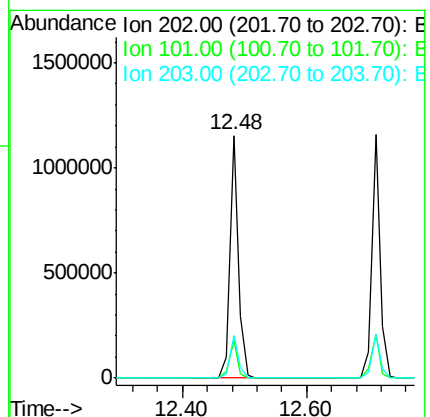
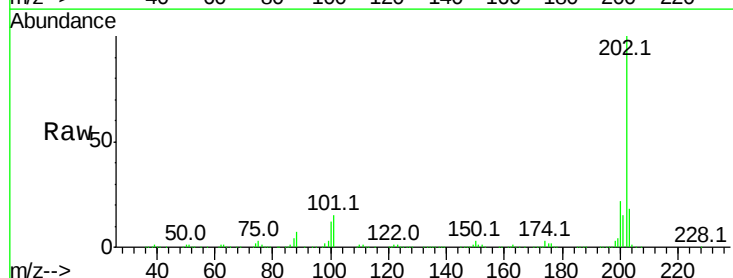
Tgt Ion:202 Resp: 1082395

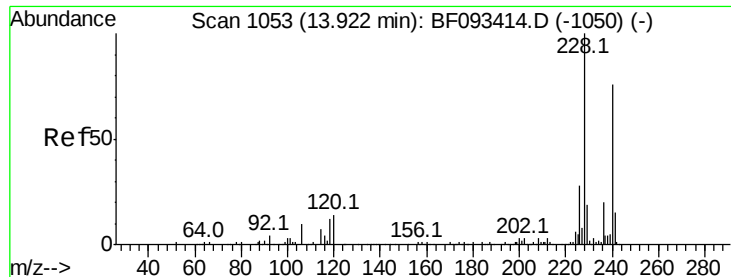
Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.6

203 17.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

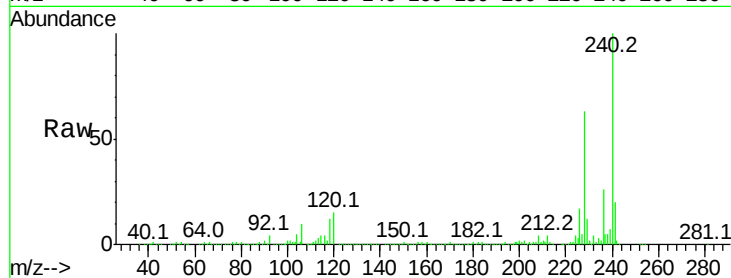
Tot Ion:240 Resp: 382436

Ion Ratio Lower Upper

240 100

120 14.8 12.9 19.3

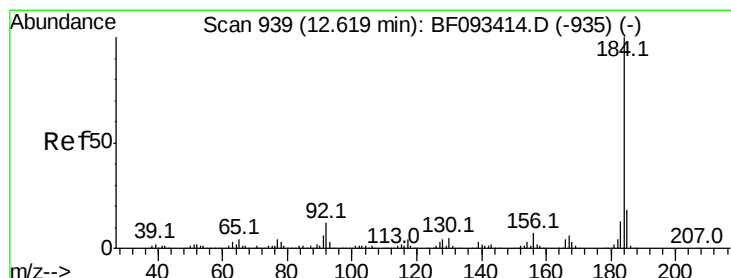
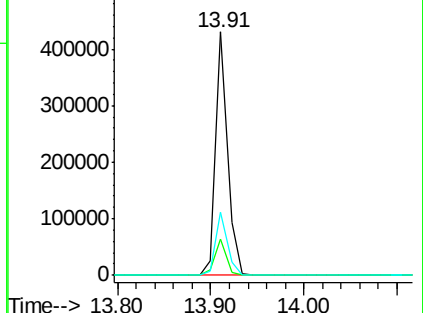
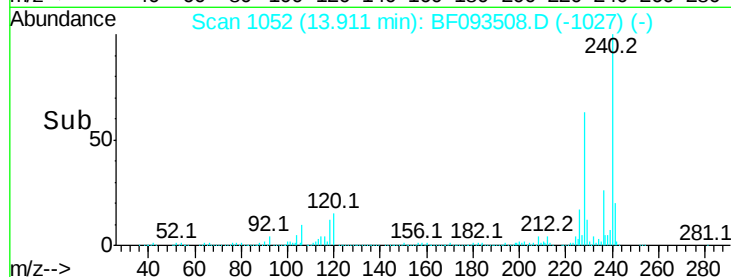
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.87 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

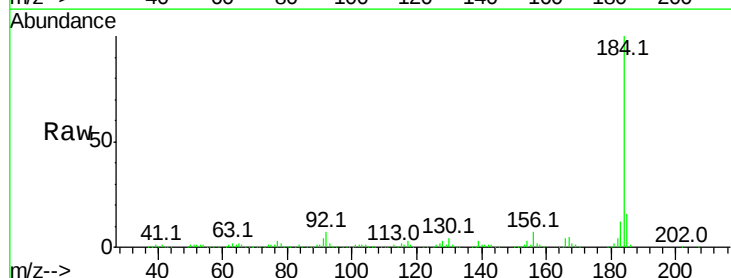
Tgt Ion:184 Resp: 677419

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.0

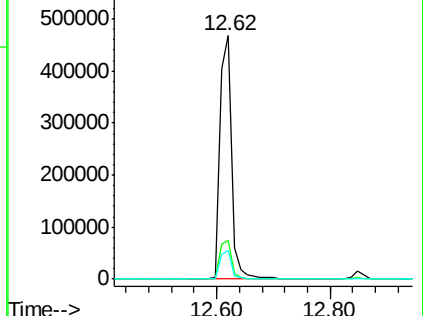
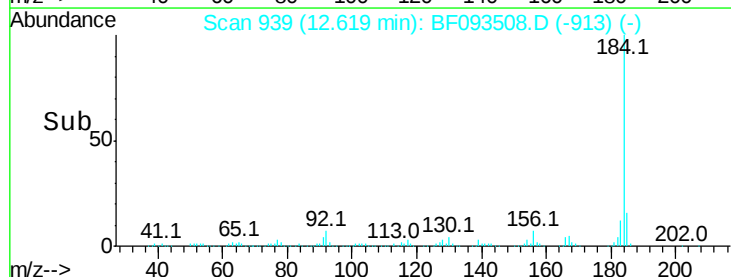
183 11.6 9.2 13.8

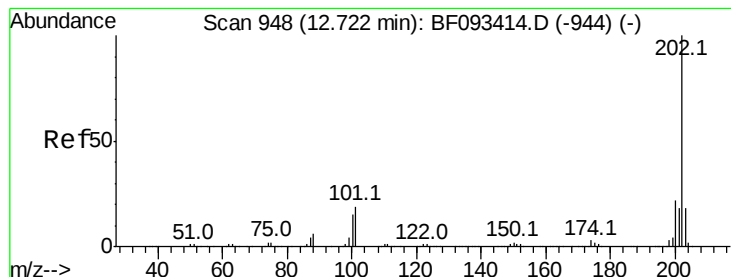


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.20 ng

RT: 12.71 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

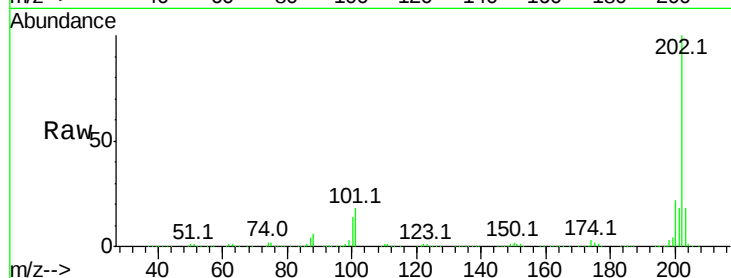
Tot Ion:202 Resp: 1062486

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

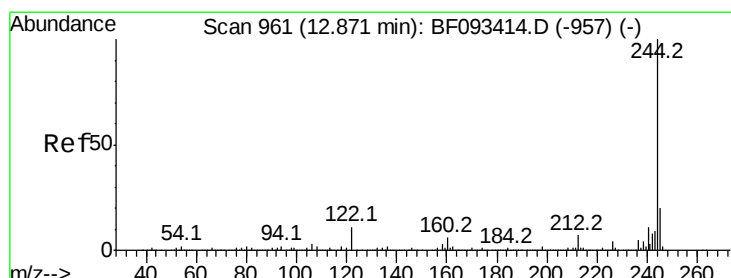
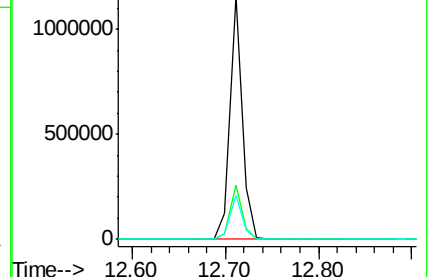
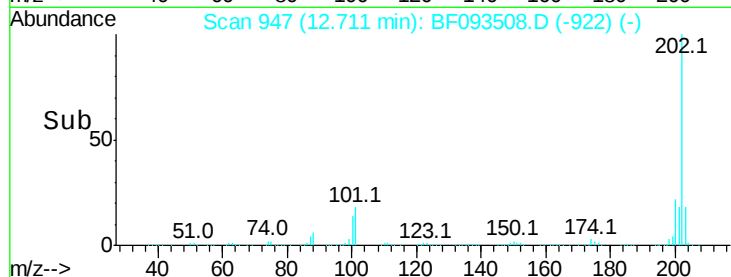
203 17.8 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.02 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

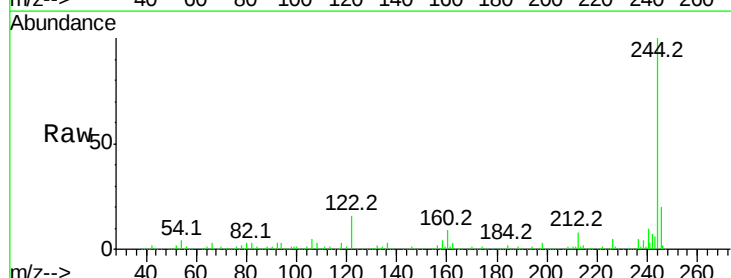
Tgt Ion:244 Resp: 1279963

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

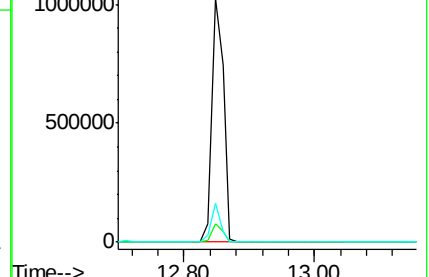
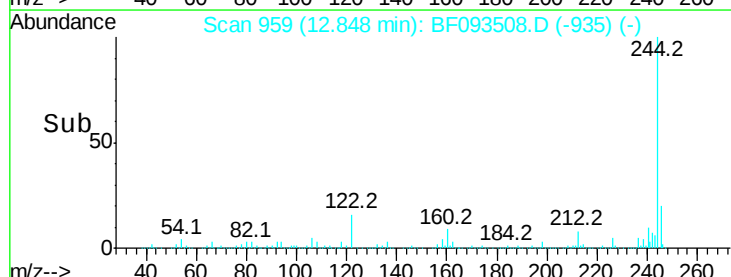
122 16.0 11.4 17.2

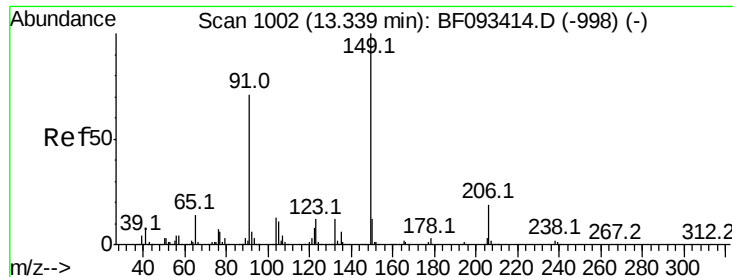


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

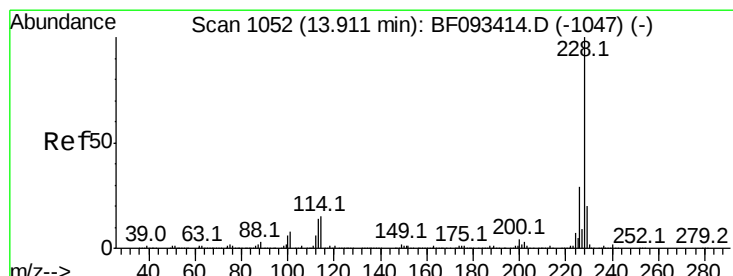
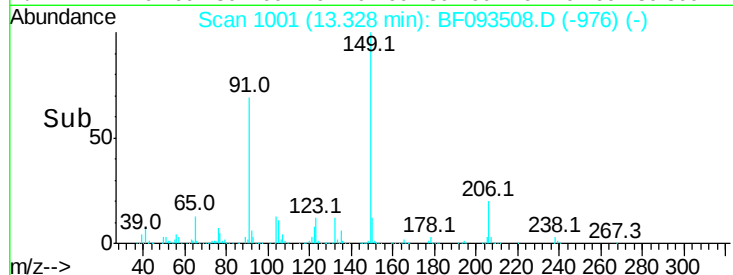
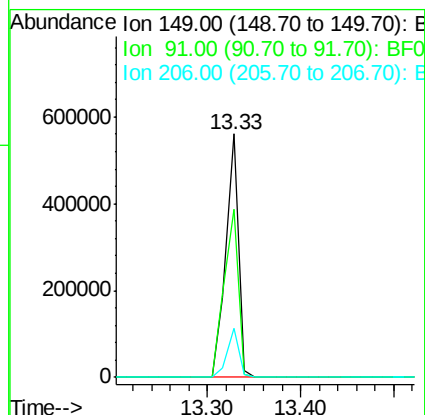
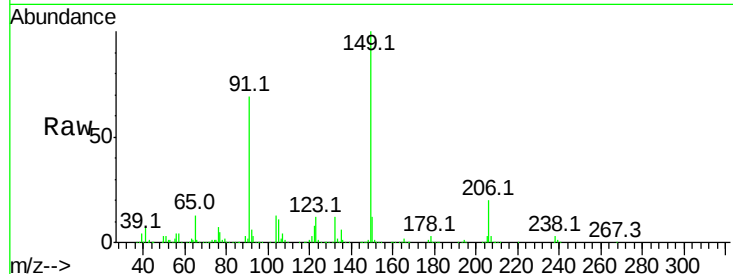




#79
Butylbenzylphthalate
Concen: 44.89 ng
RT: 13.33 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

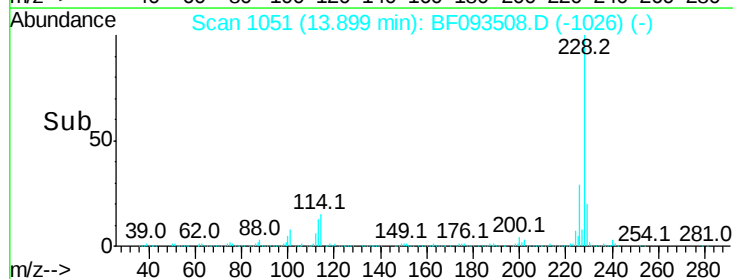
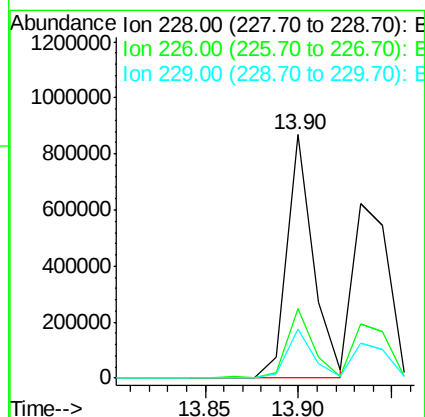
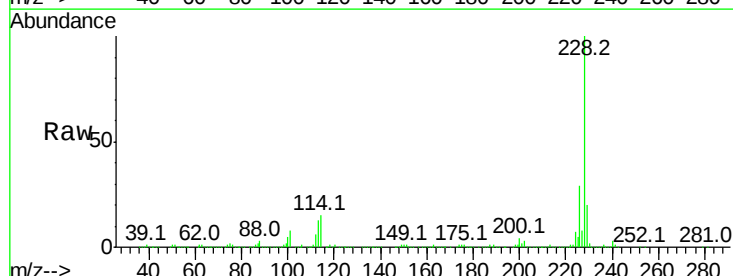
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

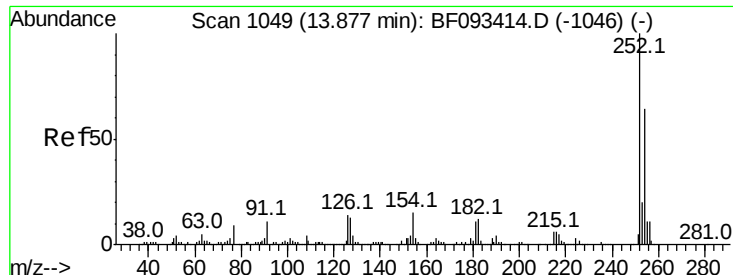
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.9	63.9	95.9
206	20.4	14.6	21.8



#80
Benzo(a)anthracene
Concen: 37.67 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	20.0	16.2	24.4

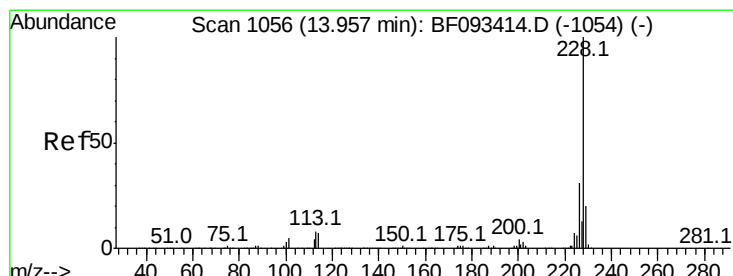
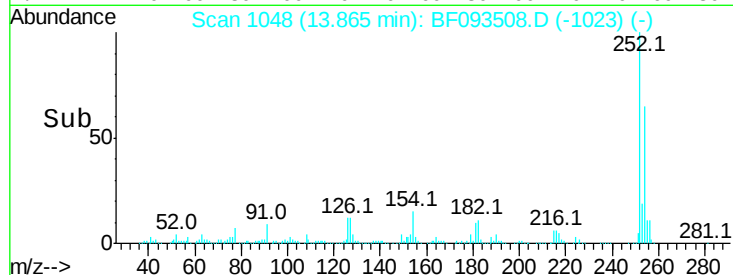
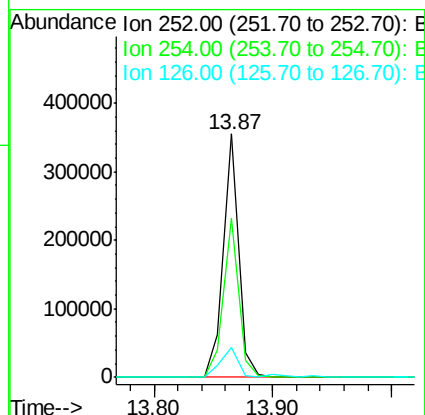
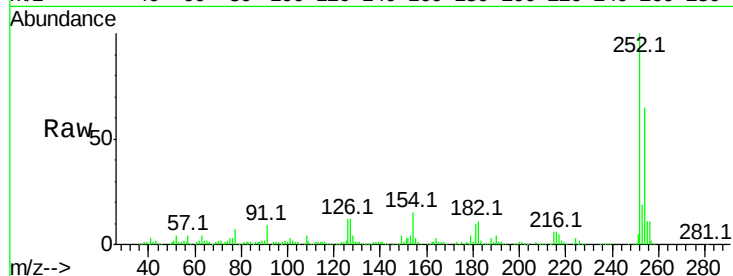




#81
 3,3'-Dichlorobenzidine
 Concen: 40.09 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

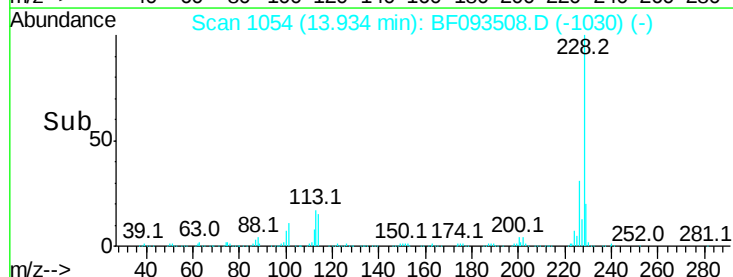
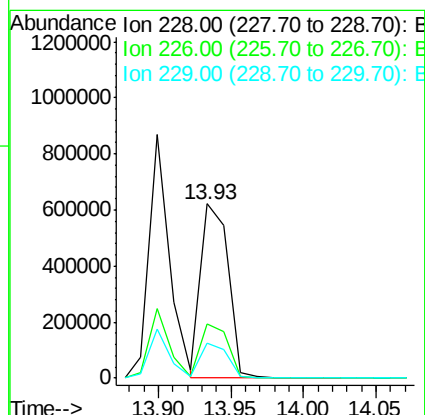
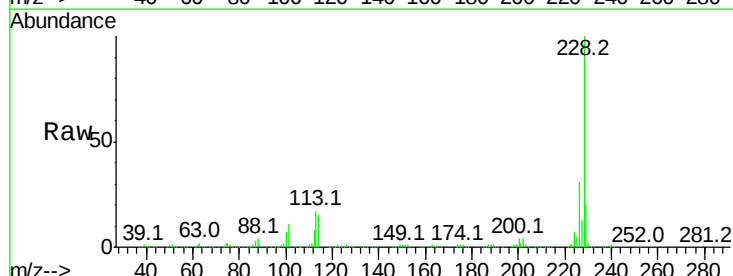
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

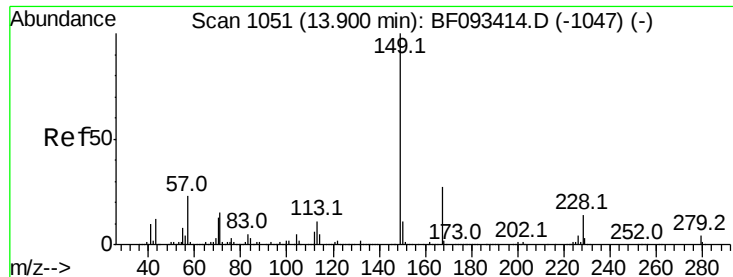
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.3	78.5
126	12.2	13.6	20.4



#82
 Chrysene
 Concen: 39.09 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	19.9	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.88 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

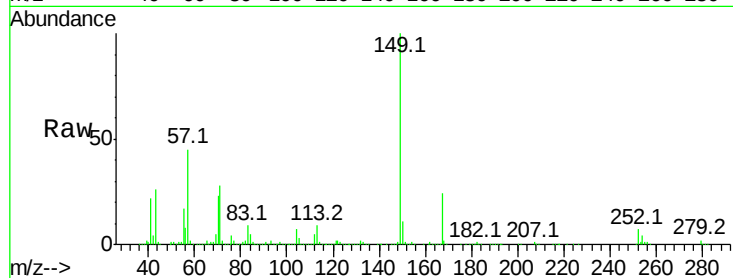
Tot Ion:149 Resp: 683482

Ion Ratio Lower Upper

149 100

167 24.4 20.2 30.4

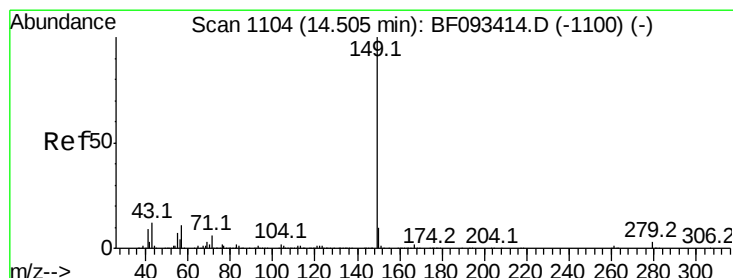
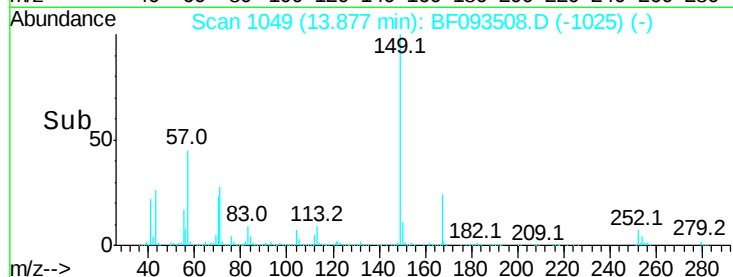
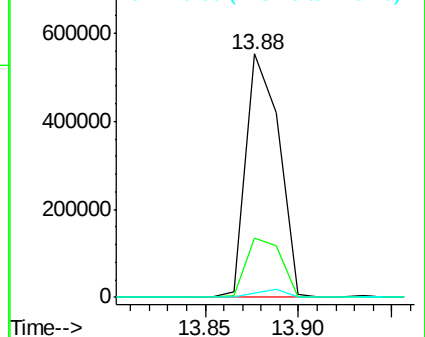
279 1.6 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.63 ng

RT: 14.49 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

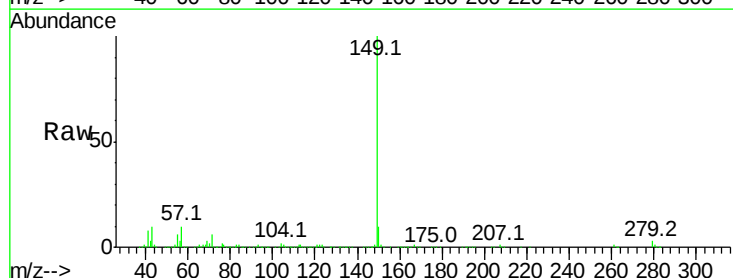
Tgt Ion:149 Resp: 1077890

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

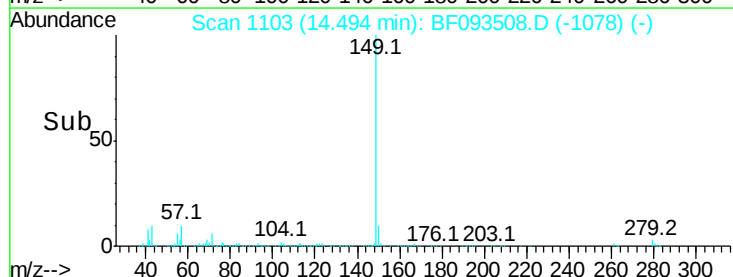
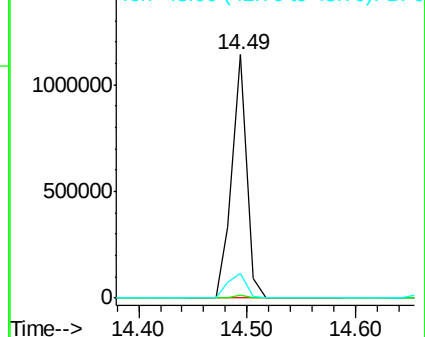
43 12.4 8.9 13.3

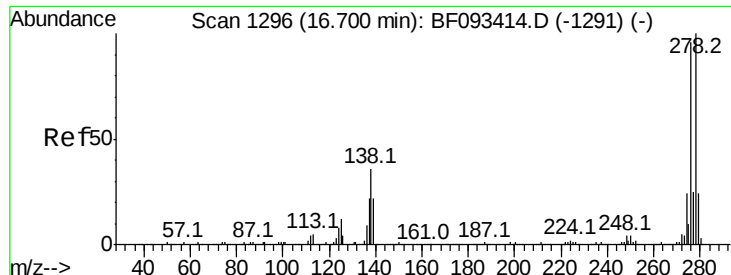


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

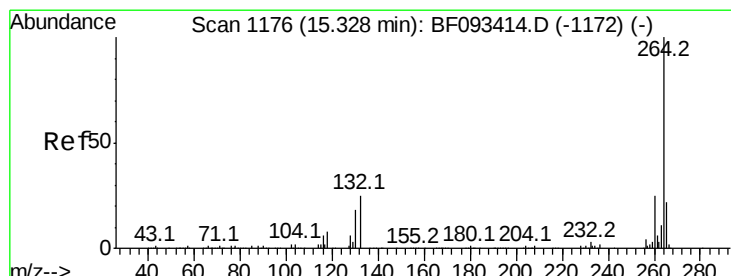
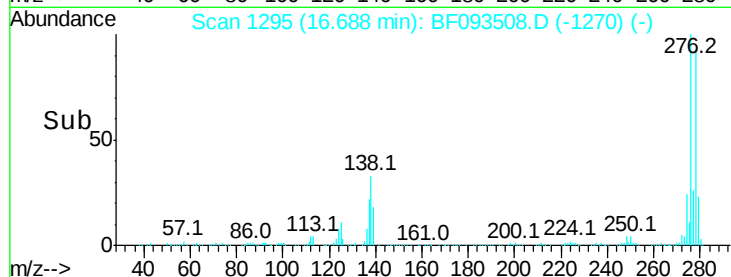
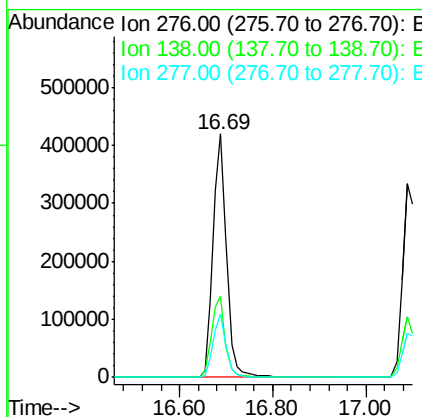
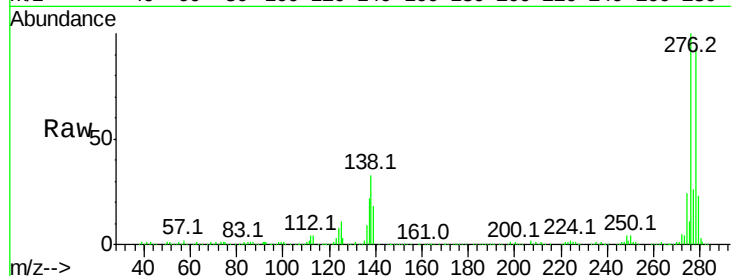




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.83 ng
 RT: 16.69 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

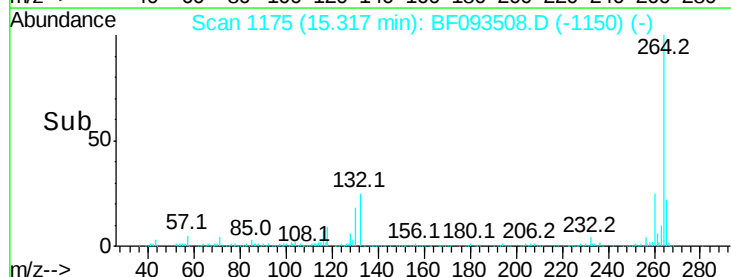
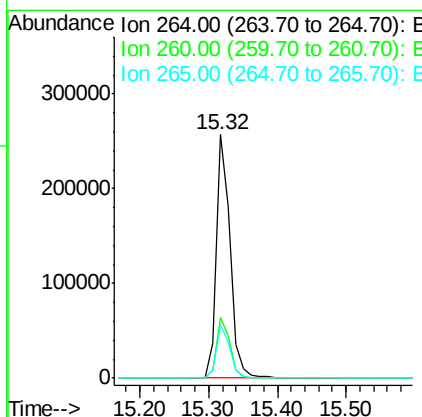
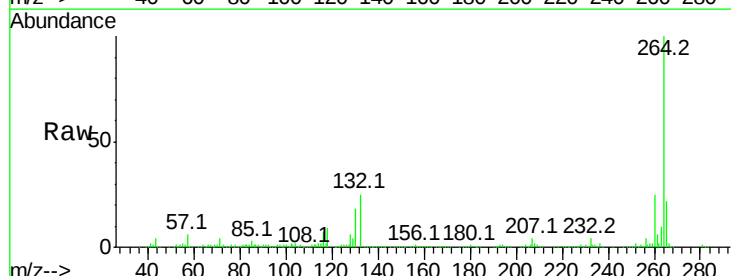
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

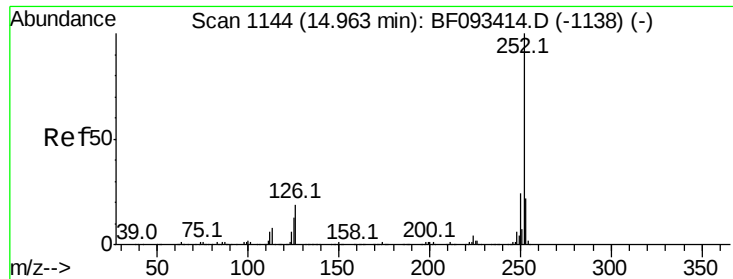
Tot Ion:276 Resp: 854119
 Ion Ratio Lower Upper
 276 100
 138 33.6 21.8 32.6#
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093508.D
 Acq: 10 Mar 2017 7:16

Tgt Ion:264 Resp: 364409
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.9 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 43.43 ng m

RT: 14.93 min Scan# 1141

Delta R.T. -0.01 min

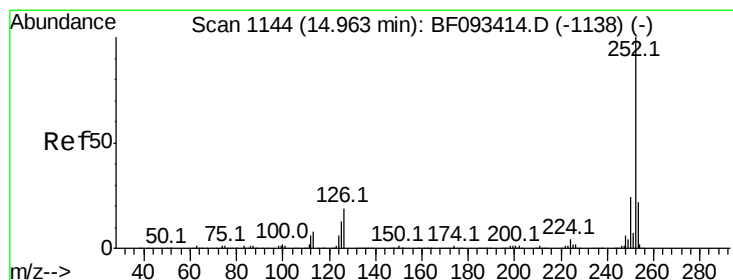
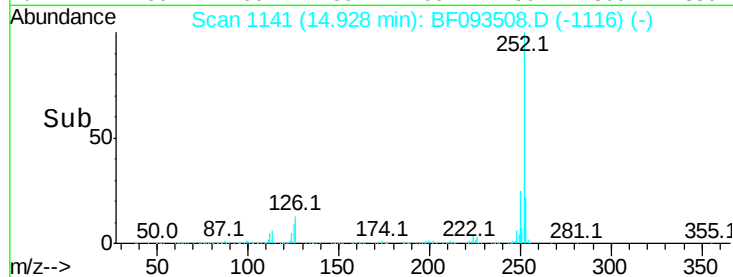
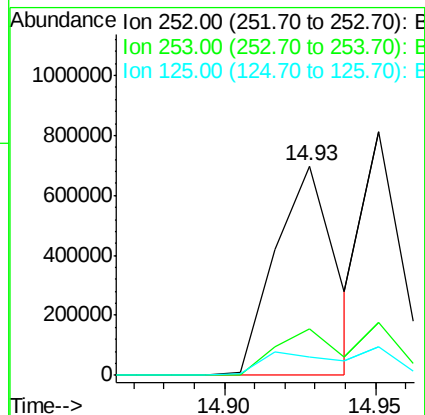
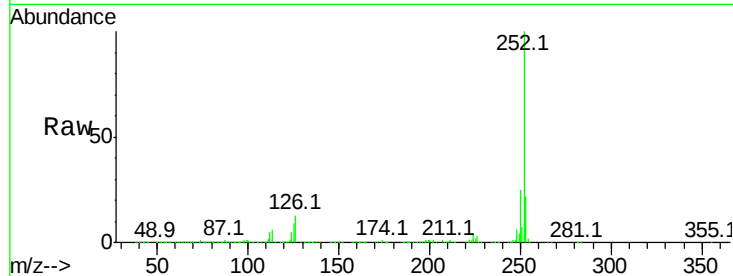
Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 963863

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	9.0	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 33.09 ng m

RT: 14.95 min Scan# 1143

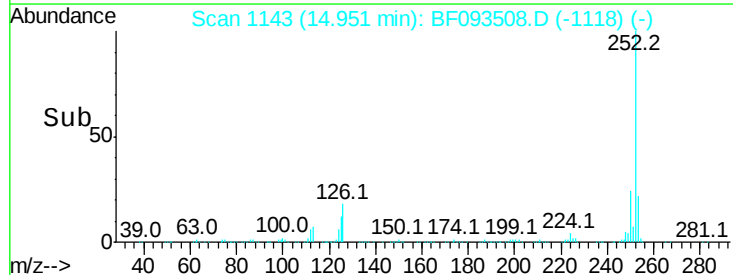
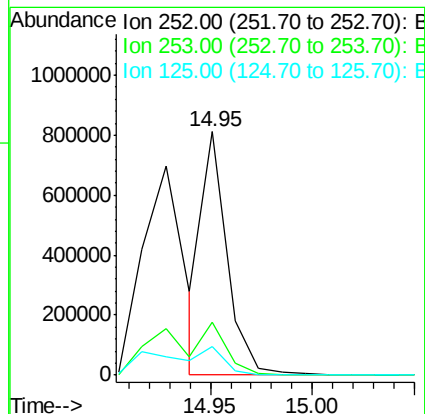
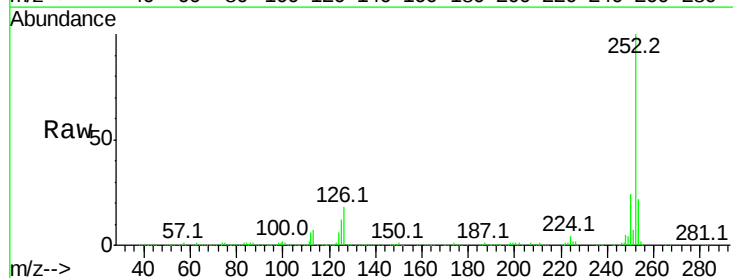
Delta R.T. -0.01 min

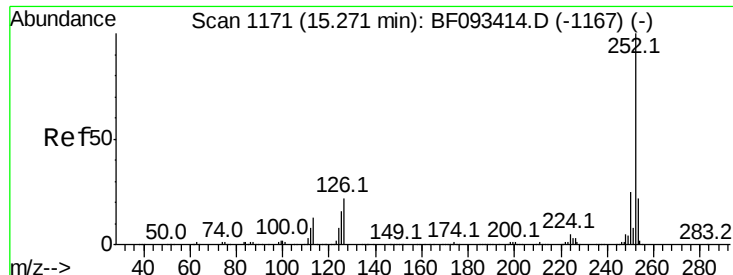
Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Tgt Ion:252 Resp: 708300

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	12.0	8.9	13.3

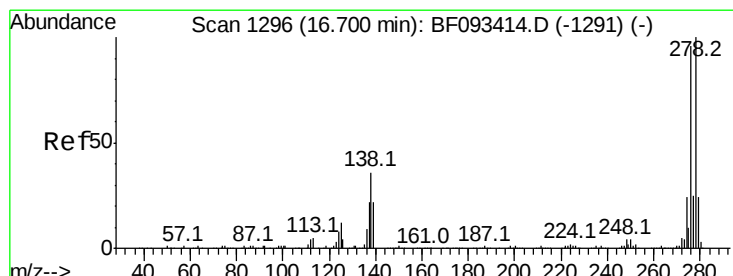
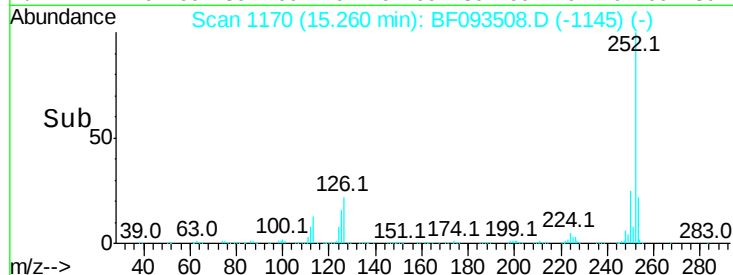
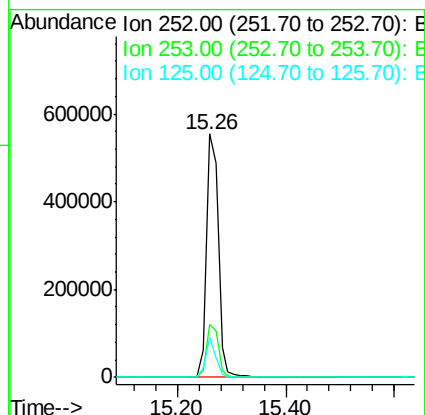
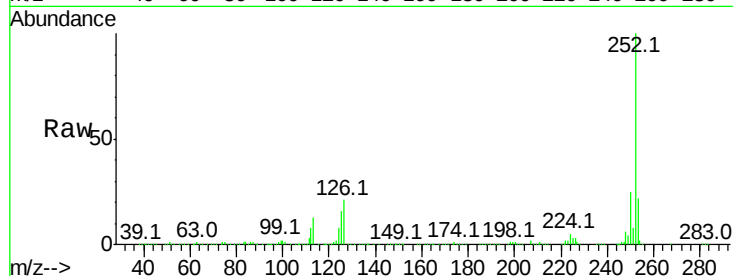




#89
Benzo(a)pyrene
Concen: 40.74 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

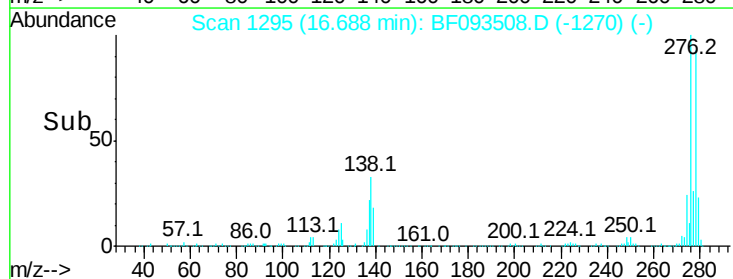
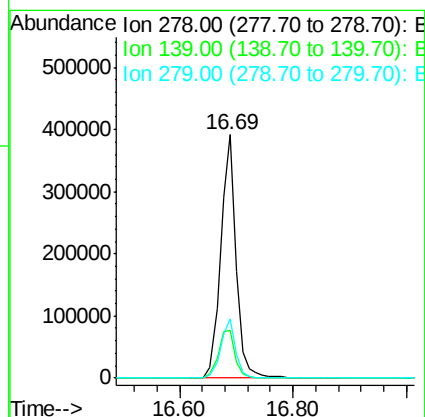
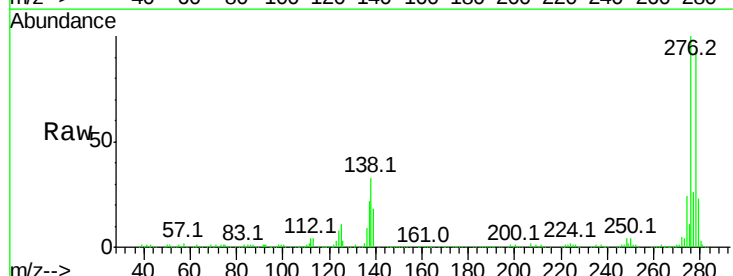
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

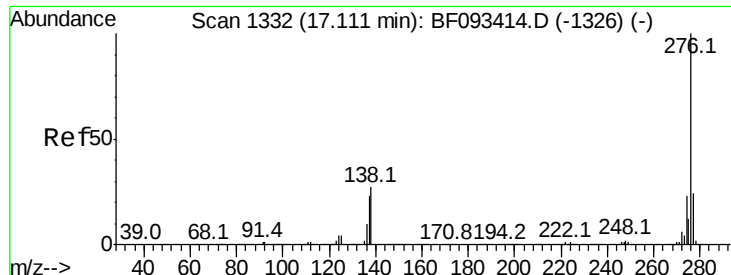
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	16.3	10.0	15.0#



#90
Dibenzo(a,h)anthracene
Concen: 43.70 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093508.D
Acq: 10 Mar 2017 7:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.8	22.2
279	24.4	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 42.52 ng

RT: 17.09 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF093508.D

Acq: 10 Mar 2017 7:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

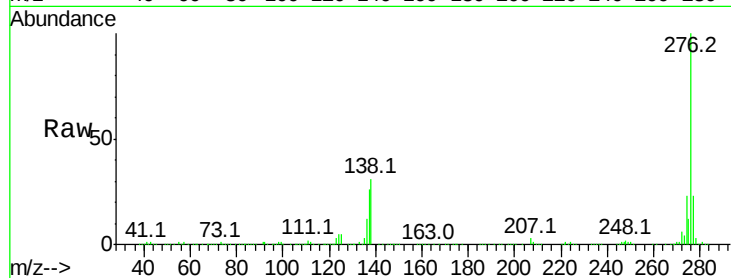
Tot Ion:276 Resp: 732357

Ion Ratio Lower Upper

276 100

277 22.8 19.2 28.8

138 31.2 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

