

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094044.D
 Acq On : 30 Mar 2017 4:52
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 30 06:45:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	165045	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	654885	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	296090	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	500067	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	330175	20.00	ng	-0.04
86) Perylene-d12	16.27	264	290628	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	759509	77.73	ng	-0.02
7) Phenol-d6	5.53	99	929272	76.87	ng	-0.02
23) Nitrobenzene-d5	6.57	82	918511	80.04	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	162846	69.60	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1586116	81.71	ng	-0.03
78) Terphenyl-d14	13.37	244	1317086	89.41	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.26	88	180539	38.46	ng	97
3) Pyridine	2.76	79	507590	39.67	ng	99
4) n-Nitrosodimethylamine	2.72	42	203211	38.60	ng	94
6) Aniline	5.55	93	615424	36.60	ng	# 64
8) 2-Chlorophenol	5.69	128	426740	39.73	ng	96
9) Benzaldehyde	5.42	77	300578	36.82	ng	97
10) Phenol	5.54	94	513600	37.34	ng	# 73
11) bis(2-Chloroethyl)ether	5.63	93	416078	38.70	ng	98
12) 1,3-Dichlorobenzene	5.86	146	475007	39.43	ng	99
13) 1,4-Dichlorobenzene	5.94	146	484631	39.72	ng	96
14) 1,2-Dichlorobenzene	6.12	146	445680	39.66	ng	98
15) Benzyl Alcohol	6.09	79	334452	37.80	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.25	45	593963	35.86	ng	96
17) 2-Methylphenol	6.23	107	358102	38.93	ng	97
18) Hexachloroethane	6.51	117	160025	37.31	ng	# 83
19) n-Nitroso-di-n-propylamine	6.41	70	297819	38.33	ng	96
20) 3+4-Methylphenols	6.41	107	451840	40.56	ng	# 65
22) Acetophenone	6.40	105	611797	41.92	ng	# 86
24) Nitrobenzene	6.60	77	444902	39.31	ng	93
25) Isophorone	6.89	82	790266	39.19	ng	# 94
26) 2-Nitrophenol	6.97	139	162001	30.02	ng	97
27) 2,4-Dimethylphenol	7.04	122	368000	39.57	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	518703	39.01	ng	99
29) 2,4-Dichlorophenol	7.27	162	344641	39.64	ng	99
30) 1,2,4-Trichlorobenzene	7.36	180	360607	40.26	ng	98
31) Naphthalene	7.45	128	1253600	39.81	ng	99
32) Benzoic acid	7.16	122	104337	16.85	ng	95
33) 4-Chloroaniline	7.52	127	510828	40.03	ng	94
34) Hexachlorobutadiene	7.61	225	184461	40.16	ng	97
35) Caprolactam	7.97	113	112135	40.44	ng	94
36) 4-Chloro-3-methylphenol	8.13	107	349380	38.45	ng	91
37) 2-Methylnaphthalene	8.30	142	841770	40.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	339029	41.86	ng	99
40) Hexachlorocyclopentadiene	8.49	237	72627	19.16	ng	99

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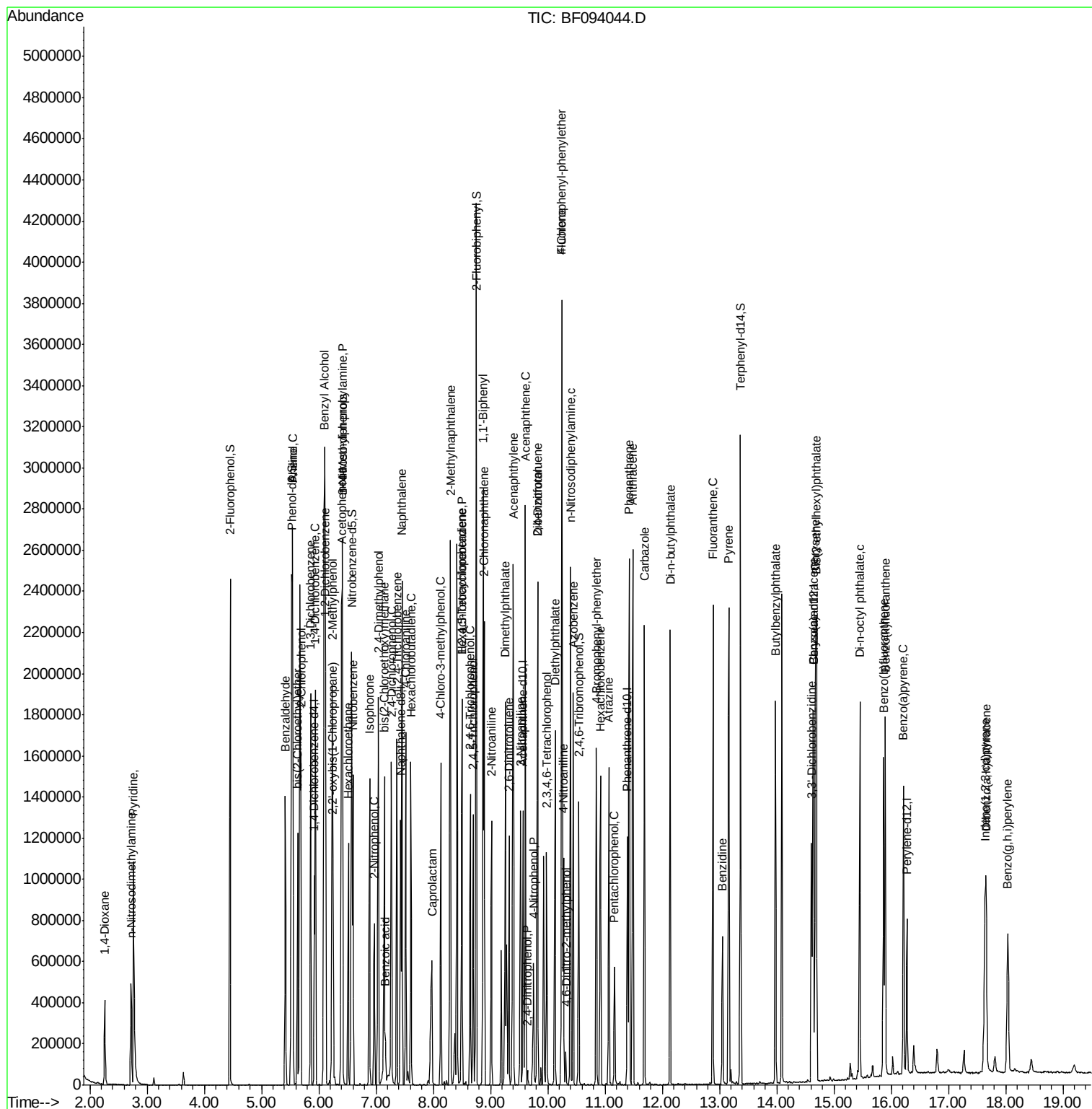
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	213883	37.32	nq	98
43) 2,4,5-Trichlorophenol	8.70	196	224525	36.21	nq #	93
45) 1,1'-Biphenyl	8.87	154	947187	39.66	nq	97
46) 2-Chloronaphthalene	8.89	162	746515	39.93	nq	96
47) 2-Nitroaniline	9.02	65	239581	43.20	nq	89
48) Acenaphthylene	9.40	152	1231974	39.65	nq	98
49) Dimethylphthalate	9.26	163	858534	40.79	nq	100
50) 2,6-Dinitrotoluene	9.32	165	174552	36.18	nq	90
51) Acenaphthene	9.61	154	708035	39.05	nq	100
52) 3-Nitroaniline	9.53	138	253817	44.80	nq	88
53) 2,4-Dinitrophenol	9.65	184	9396	8.09	nq #	76
54) Dibenzofuran	9.82	168	974465	39.49	nq	99
55) 4-Nitrophenol	9.75	139	106642	24.04	nq #	69
56) 2,4-Dinitrotoluene	9.82	165	206796	34.12	nq #	77
57) Fluorene	10.25	166	779031	38.06	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	142749	33.55	nq	97
59) Diethylphthalate	10.13	149	837757	40.27	nq	99
60) 4-Chlorophenyl-phenylether	10.25	204	337051	38.66	nq	92
61) 4-Nitroaniline	10.28	138	241984	44.51	nq	96
62) Azobenzene	10.45	77	758417	38.54	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	22306	7.28	nq #	65
65) n-Nitrosodiphenylamine	10.40	169	712725	41.21	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	205707	41.83	nq	98
67) Hexachlorobenzene	10.92	284	205551	41.29	nq #	86
68) Atrazine	11.07	200	206792	39.92	nq	96
69) Pentachlorophenol	11.17	266	71449	23.06	nq	97
70) Phenanthrene	11.42	178	1094086	39.33	nq	99
71) Anthracene	11.49	178	1143578	39.93	nq	99
72) Carbazole	11.69	167	1097352	37.36	nq	98
73) Di-n-butylphthalate	12.14	149	1266075	41.45	nq	99
74) Fluoranthene	12.89	202	1036481	36.39	nq	98
76) Benzidine	13.05	184	304937	23.34	nq	95
77) Pyrene	13.16	202	1027147	42.87	nq	99
79) Butylbenzylphthalate	13.98	149	487299	47.73	nq	88
80) Benzo(a)anthracene	14.63	228	779006	40.46	nq	100
81) 3,3'-Dichlorobenzidine	14.61	252	260977	37.92	nq #	95
82) Chrysene	14.68	228	734032	41.08	nq	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	700317	50.28	nq	100
84) Di-n-octyl phthalate	15.45	149	1074178	46.16	nq	98
85) Indeno(1,2,3-cd)pyrene	17.64	276	639632	41.34	nq	99
87) Benzo(b)fluoranthene	15.87	252	709217	39.81	nq	99
88) Benzo(k)fluoranthene	15.90	252	715521	41.05	nq	96
89) Benzo(a)pyrene	16.22	252	673852	41.08	nq	98
90) Dibenzo(a,h)anthracene	17.66	278	548594	39.49	nq	97
91) Benzo(g,h,i)perylene	18.04	276	512487	36.60	nq	99

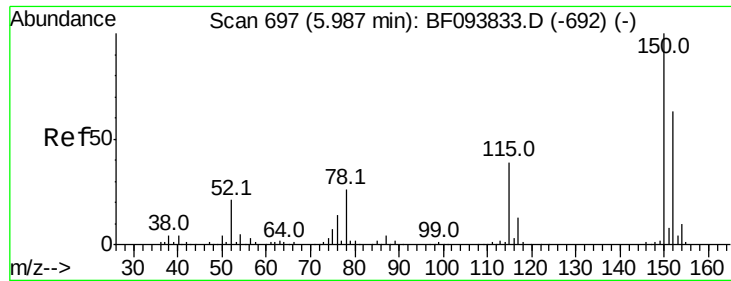
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.92 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

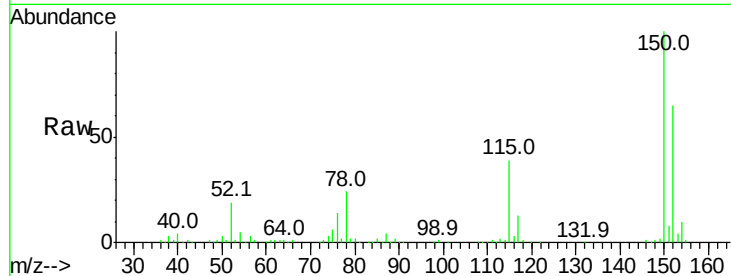
Tot Ion:152 Resp: 165045

Ion Ratio Lower Upper

152 100

150 153.9 126.2 189.2

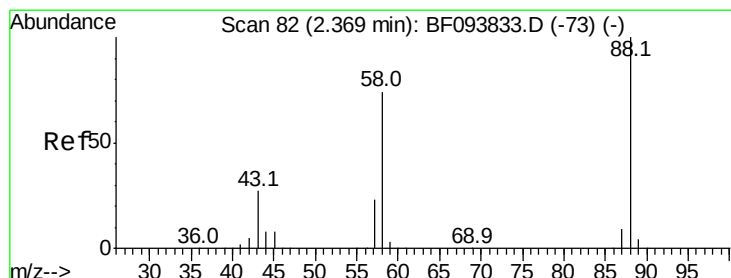
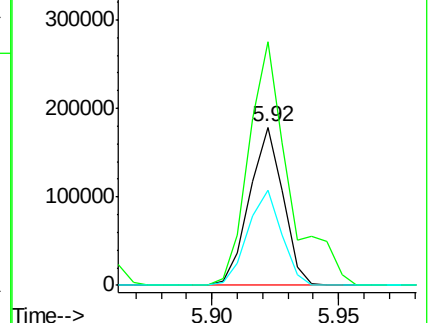
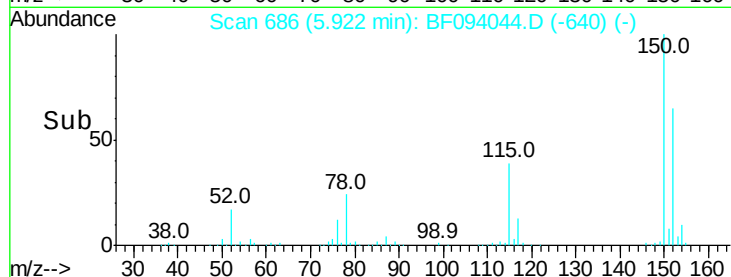
115 59.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.46 ng

RT: 2.26 min Scan# 63

Delta R.T. -0.06 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

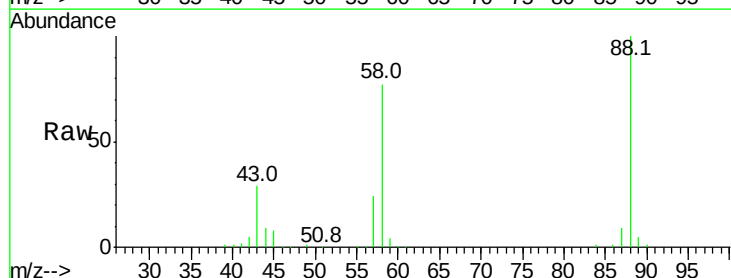
Tgt Ion: 88 Resp: 180539

Ion Ratio Lower Upper

88 100

58 74.2 61.4 92.0

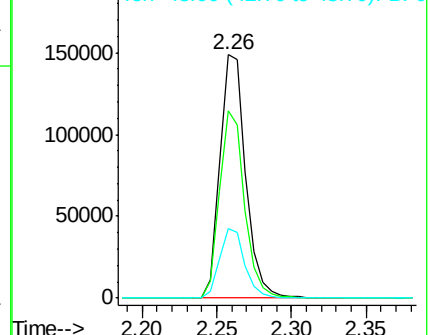
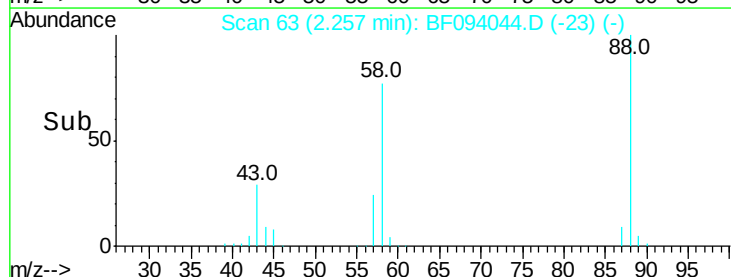
43 27.7 23.4 35.0

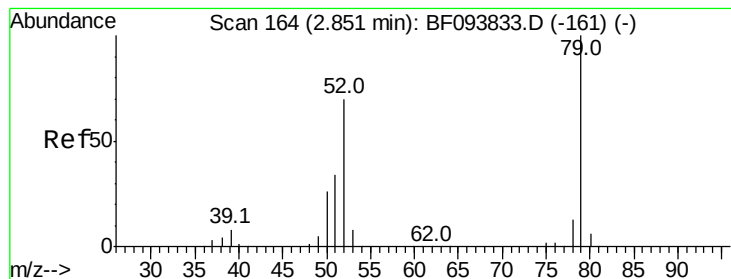


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.67 ng

RT: 2.76 min Scan# 149

Delta R.T. -0.05 min

Lab File: BF094044.D

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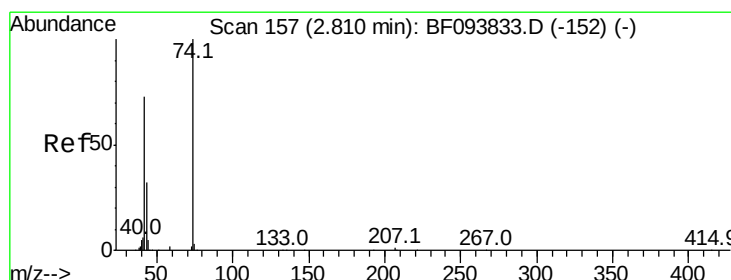
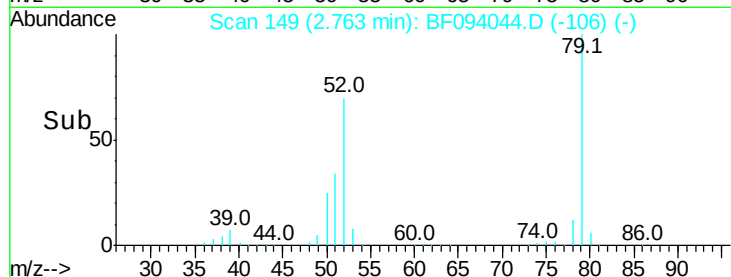
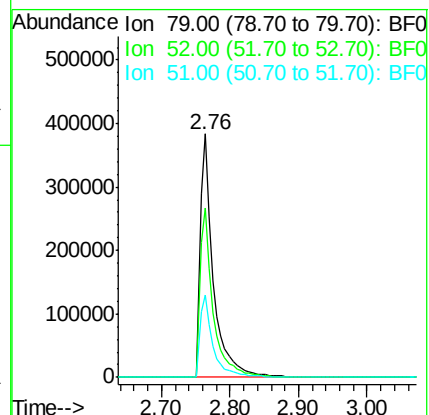
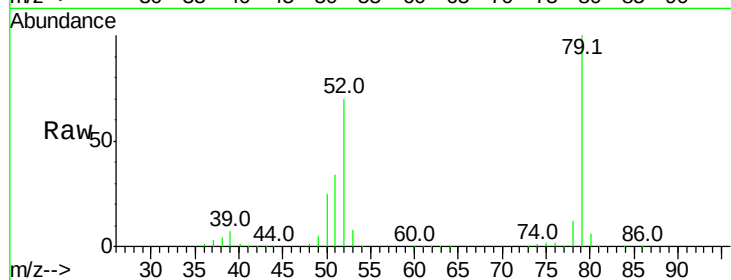
Tot Ion: 79 Resp: 507590

Ion Ratio Lower Upper

79 100

52 69.8 54.8 82.2

51 33.8 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 38.60 ng

RT: 2.72 min Scan# 142

Delta R.T. -0.05 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

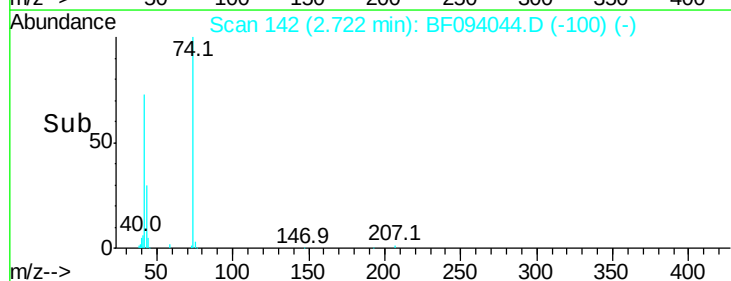
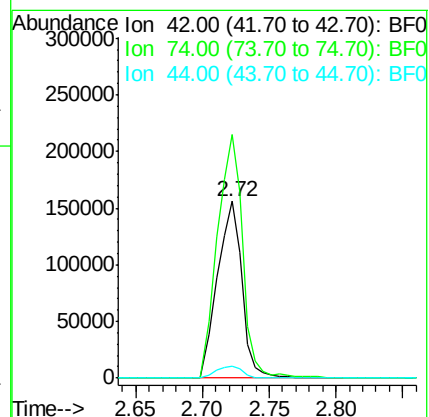
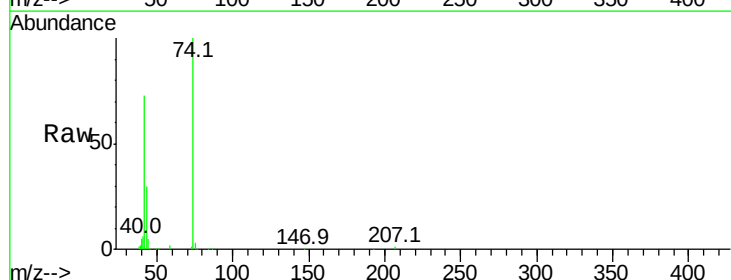
Tgt Ion: 42 Resp: 203211

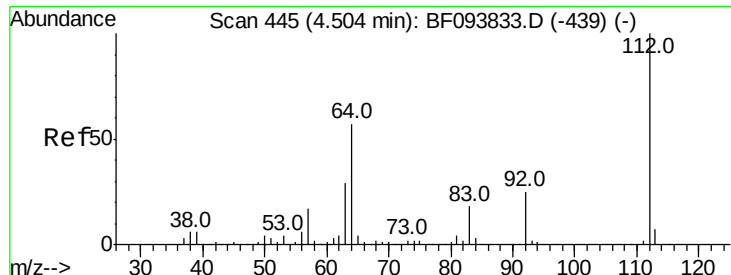
Ion Ratio Lower Upper

42 100

74 137.6 103.9 155.9

44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 77.73 ng

RT: 4.45 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

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SSTDCCC040

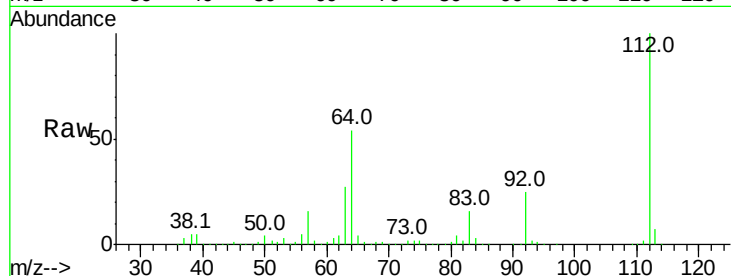
Tot Ion:112 Resp: 759509

Ion Ratio Lower Upper

112 100

64 54.1 46.0 69.0

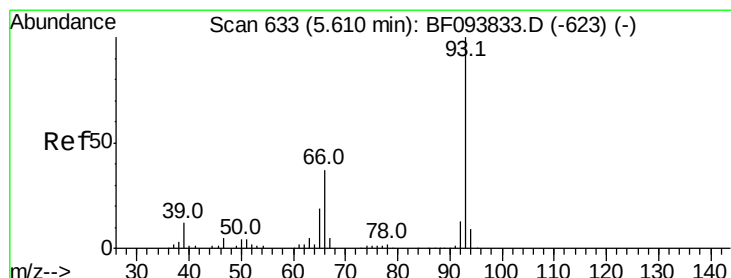
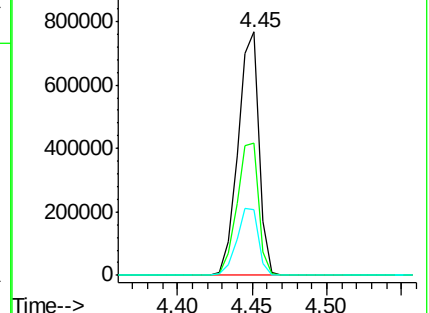
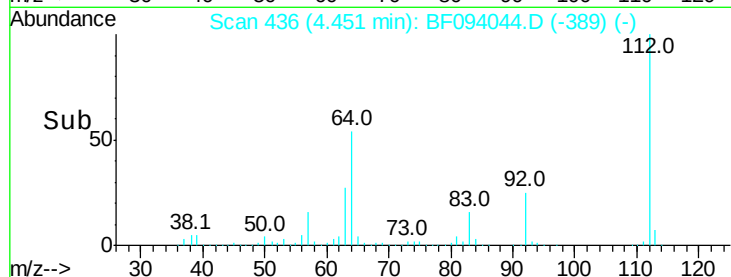
63 27.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.60 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

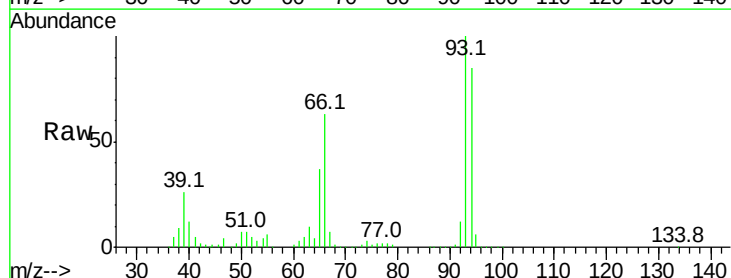
Tgt Ion: 93 Resp: 615424

Ion Ratio Lower Upper

93 100

66 63.0 32.9 49.3#

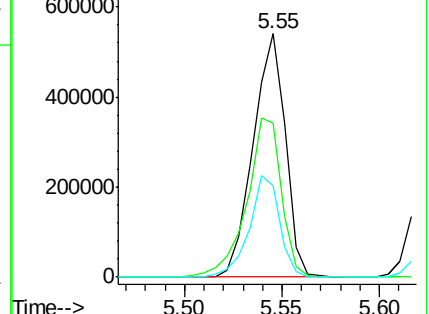
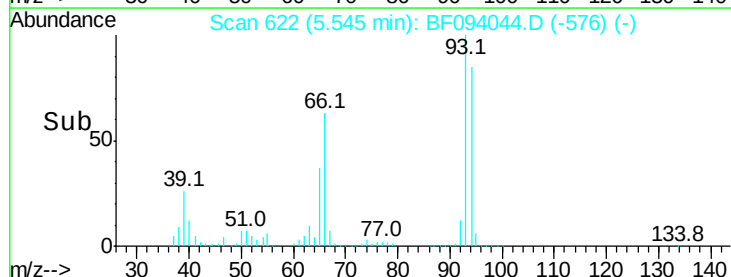
65 37.5 16.0 24.0#

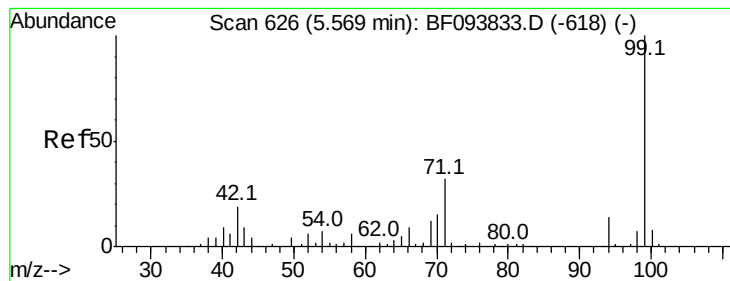


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.87 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094044.D

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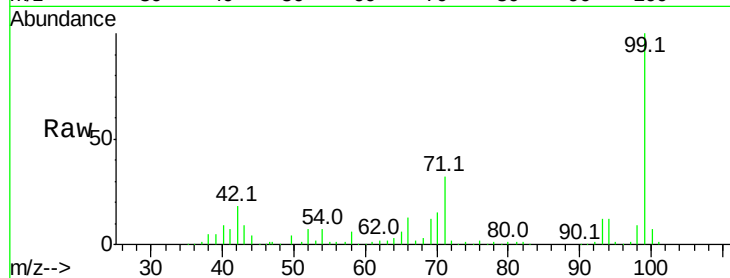
Tot Ion: 99 Resp: 929272

Ion Ratio Lower Upper

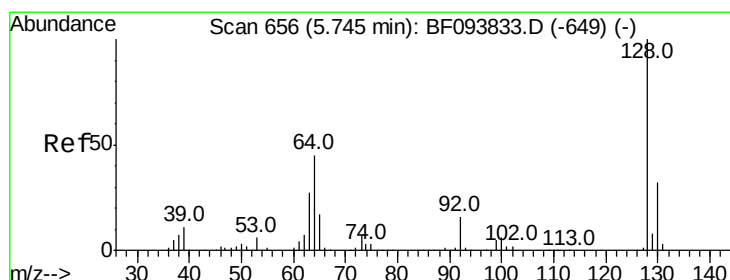
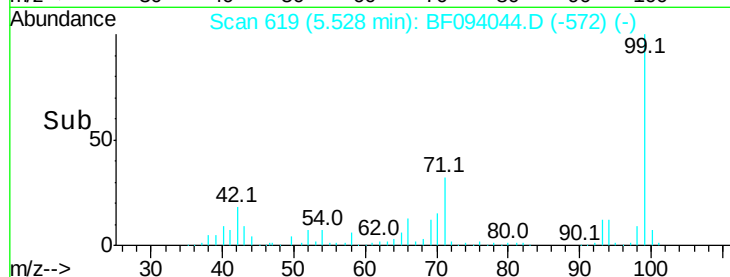
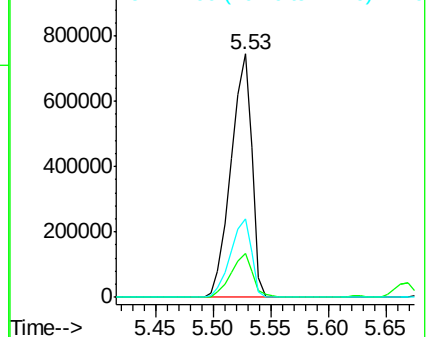
99 100

42 18.0 13.5 20.3

71 32.4 24.5 36.7



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



#8

2-Chlorophenol

Concen: 39.73 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

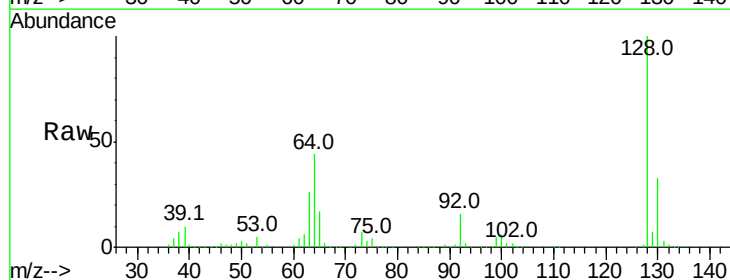
Tgt Ion: 128 Resp: 426740

Ion Ratio Lower Upper

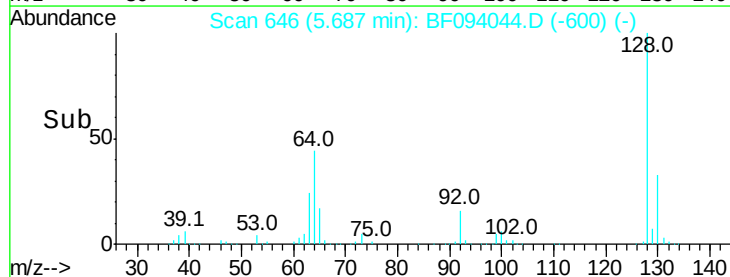
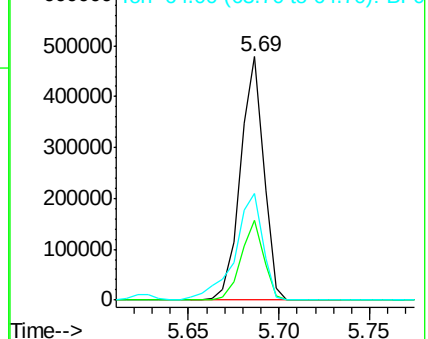
128 100

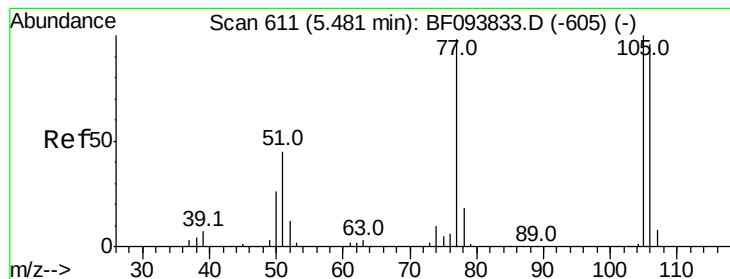
130 33.0 12.9 52.9

64 43.9 28.4 68.4



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





#9

Benzaldehyde

Concen: 36.82 ng

RT: 5.42 min Scan# 600

Delta R.T. -0.03 min

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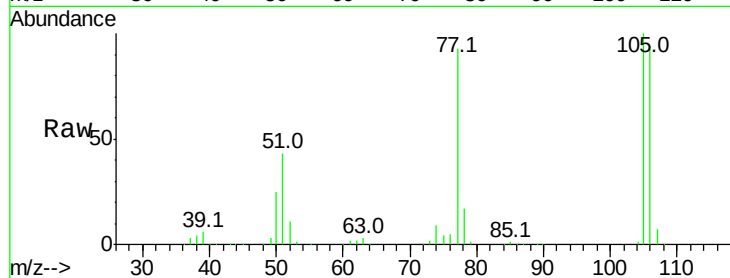
Tot Ion: 77 Resp: 300578

Ion Ratio Lower Upper

77 100

105 107.8 83.8 123.8

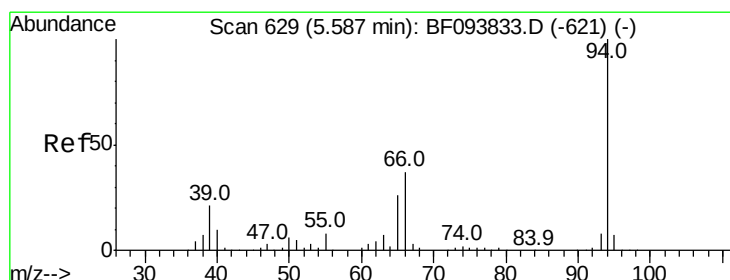
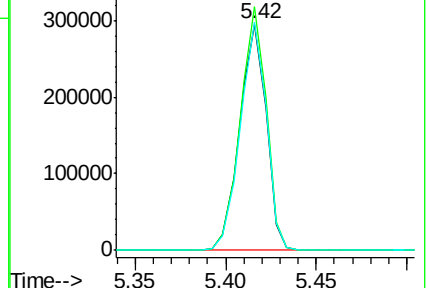
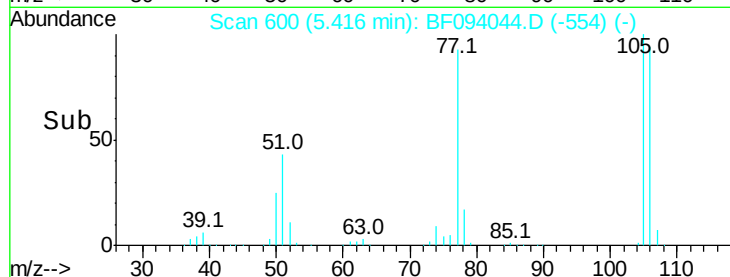
106 101.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.34 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

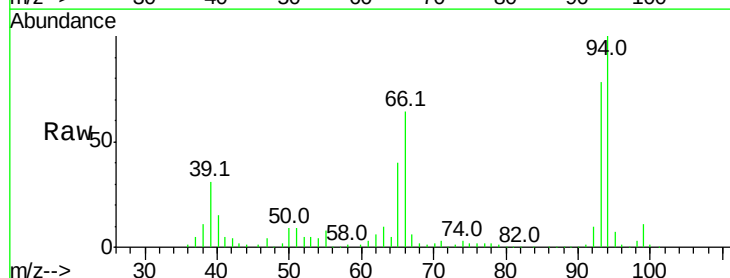
Tgt Ion: 94 Resp: 513600

Ion Ratio Lower Upper

94 100

65 40.5 9.9 49.9

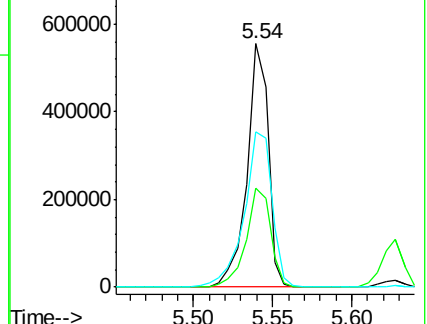
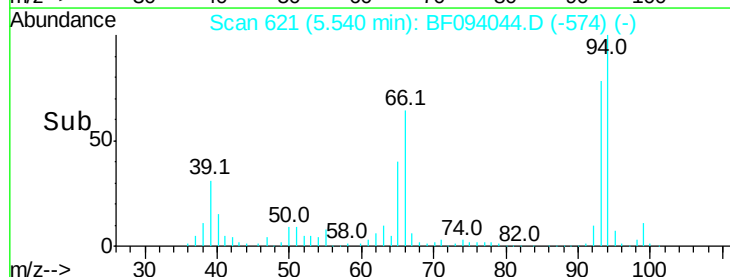
66 63.8 23.1 63.1#

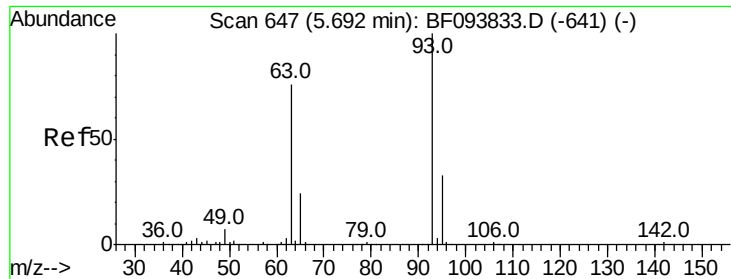


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.70 ng

RT: 5.63 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

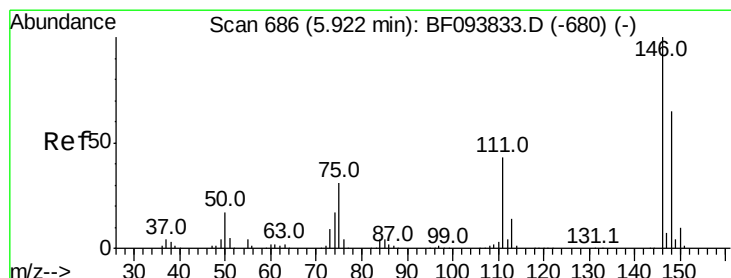
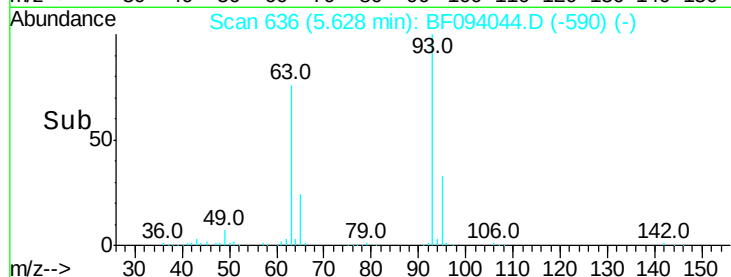
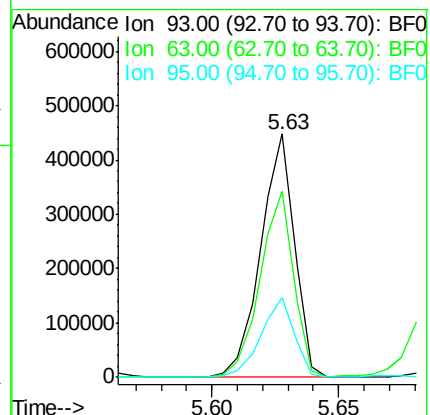
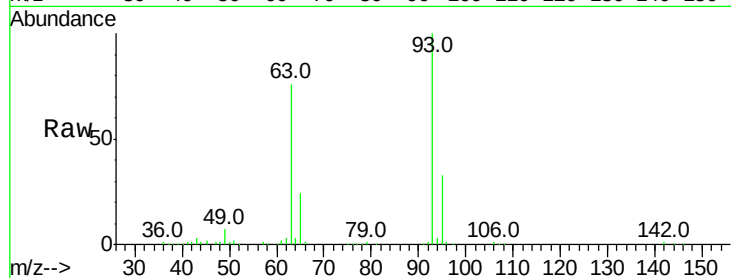
Tot Ion: 93 Resp: 416078

Ion Ratio Lower Upper

93 100

63 76.5 59.2 99.2

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.43 ng

RT: 5.86 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

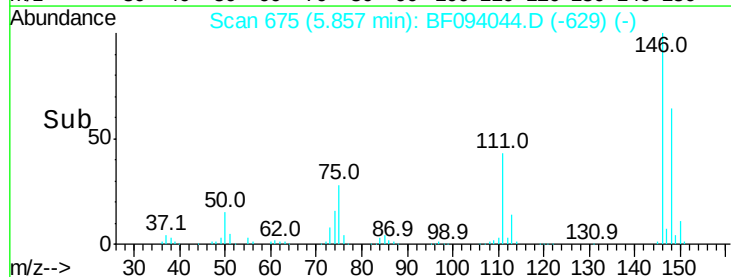
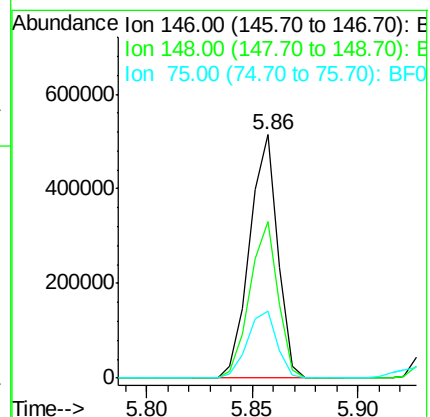
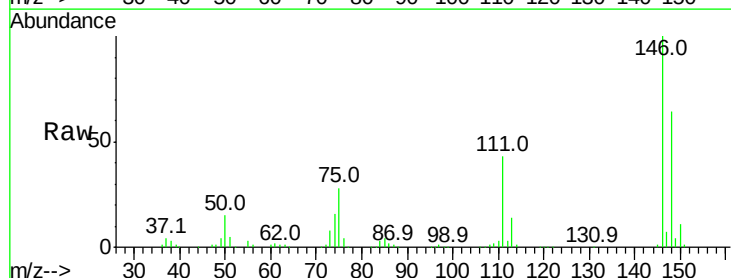
Tgt Ion: 146 Resp: 475007

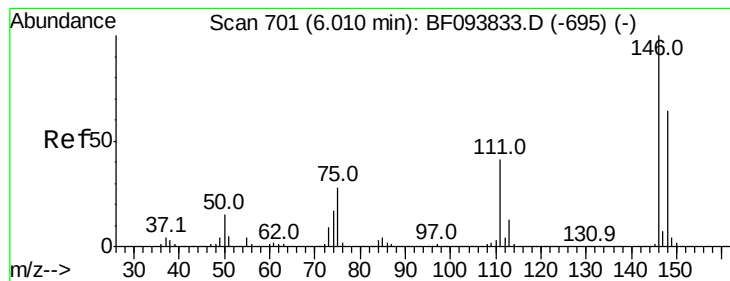
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

75 27.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.72 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.04 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

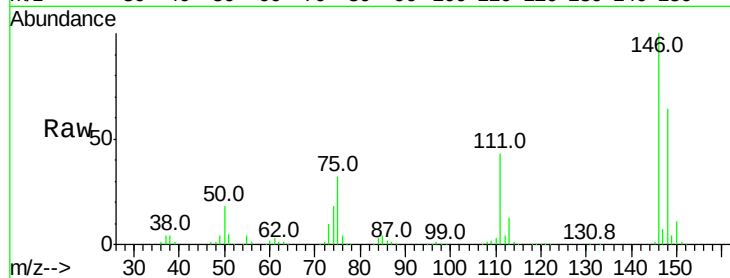
Tot Ion:146 Resp: 484631

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

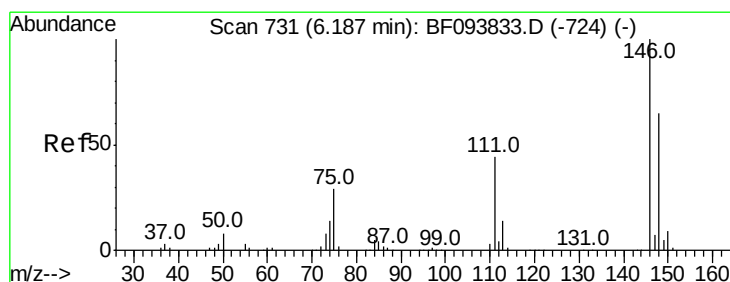
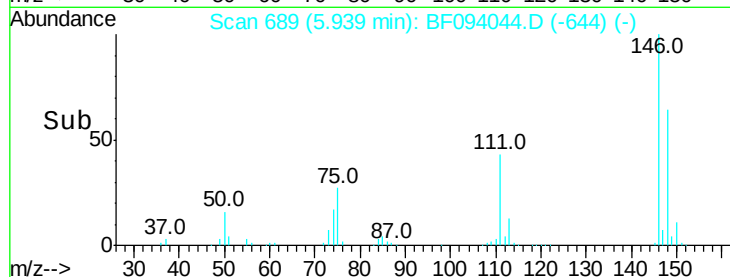
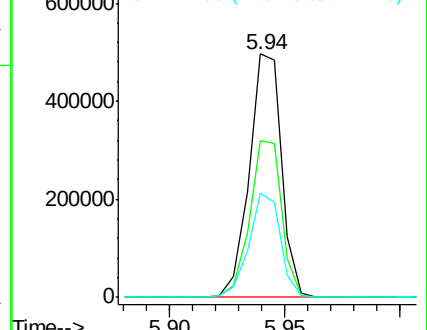
111 42.8 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.66 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.04 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

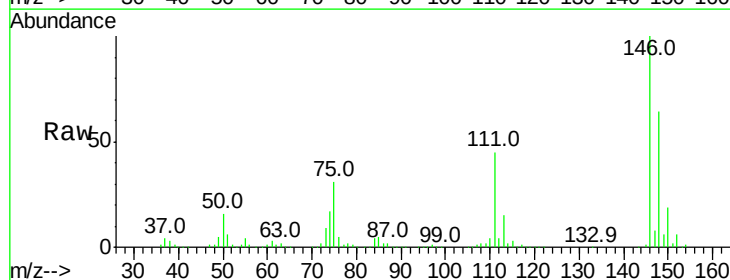
Tgt Ion:146 Resp: 445680

Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

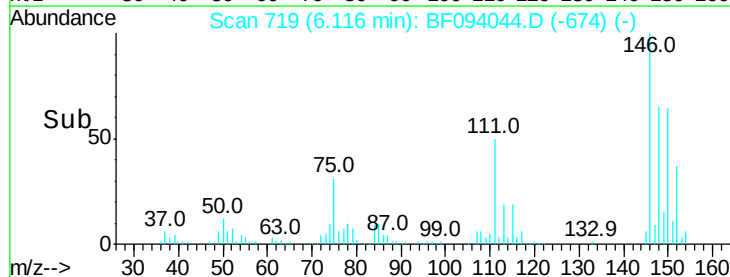
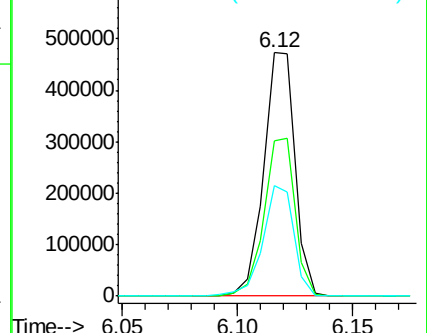
111 45.4 38.2 57.4

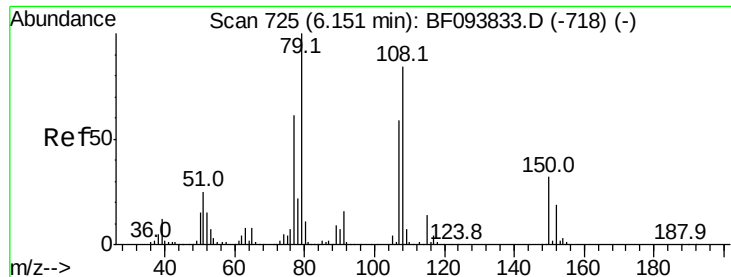


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.80 ng

RT: 6.09 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

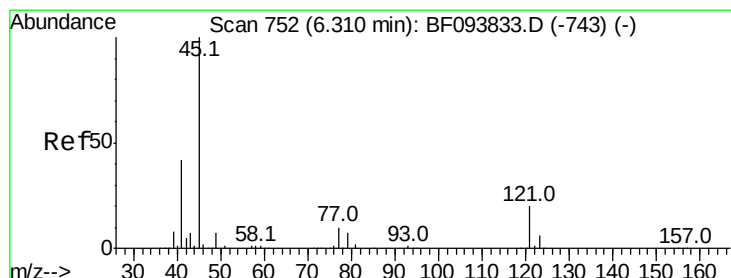
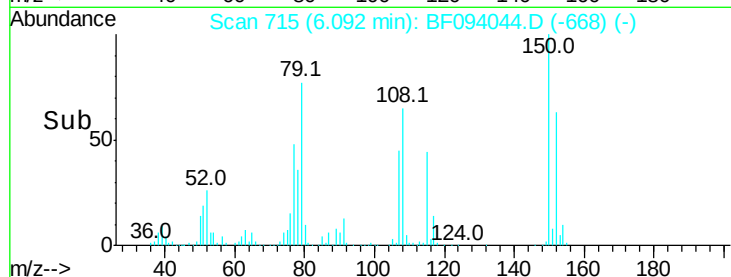
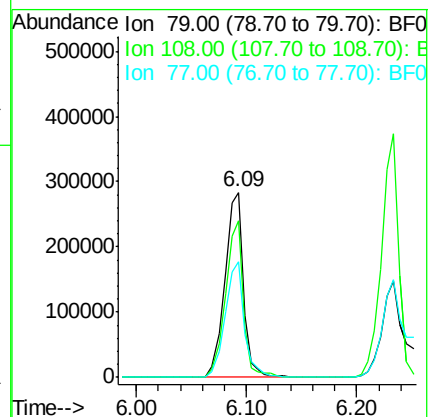
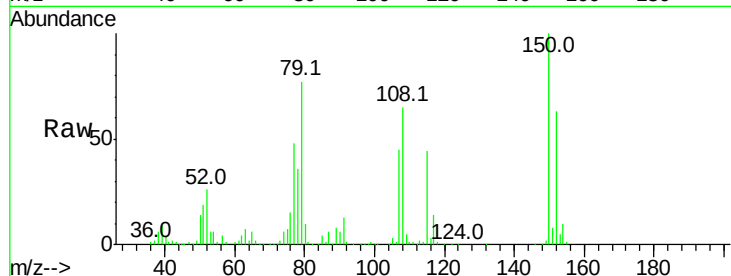
Tot Ion: 79 Resp: 334452

Ion Ratio Lower Upper

79 100

108 84.3 63.4 95.0

77 62.6 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.86 ng

RT: 6.25 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

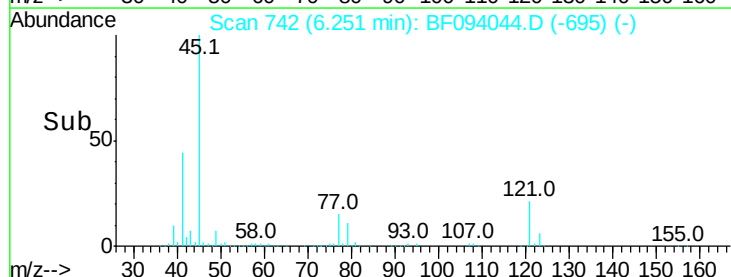
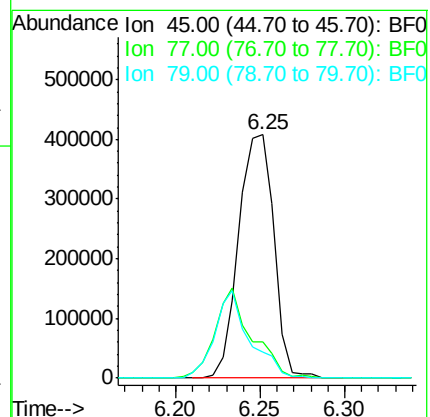
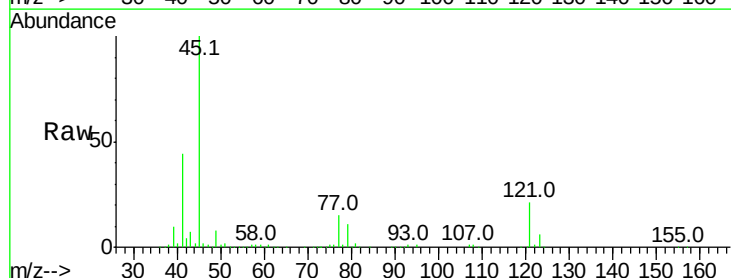
Tgt Ion: 45 Resp: 593963

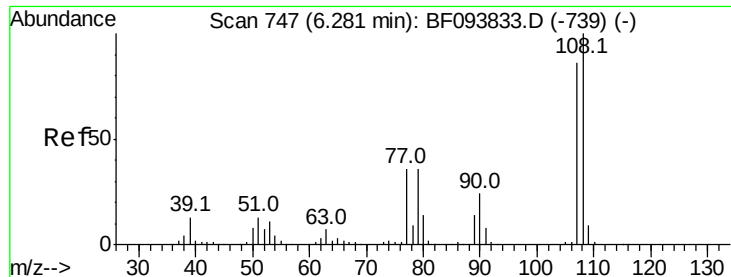
Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.2

79 10.8 0.0 30.0

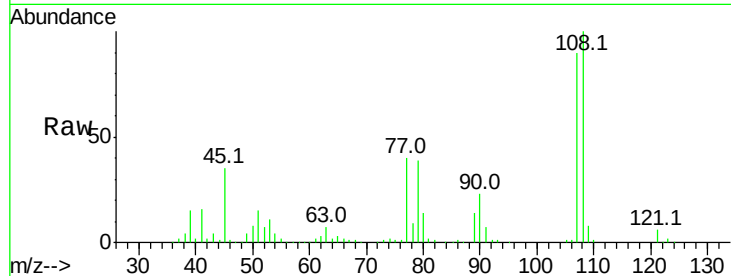




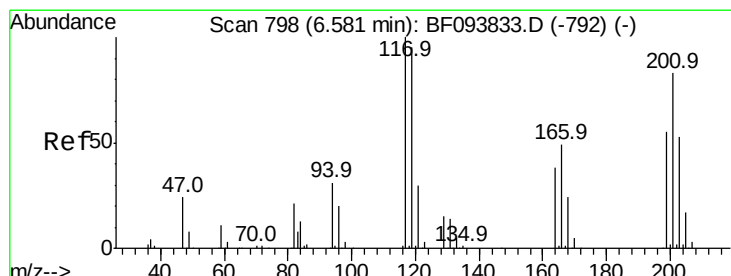
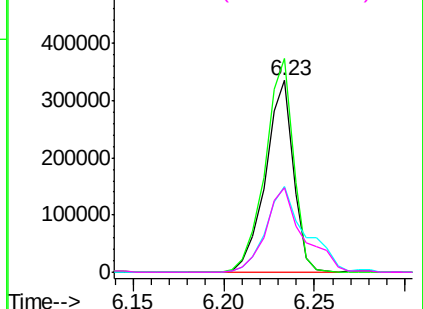
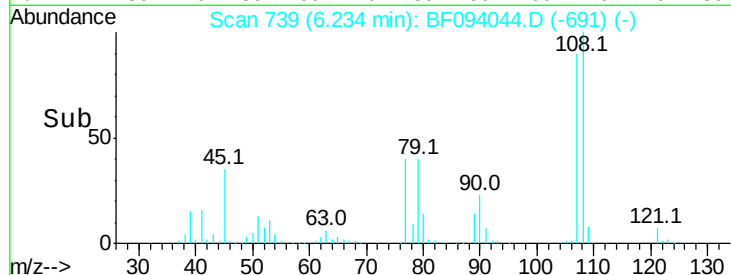
#17
2-Methylphenol
Concen: 38.93 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 358102
Ion Ratio Lower Upper
107 100
108 111.3 93.4 140.0
77 44.7 35.8 53.6
79 43.9 34.8 52.2

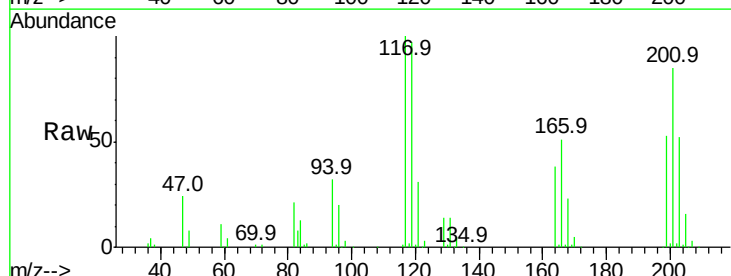


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

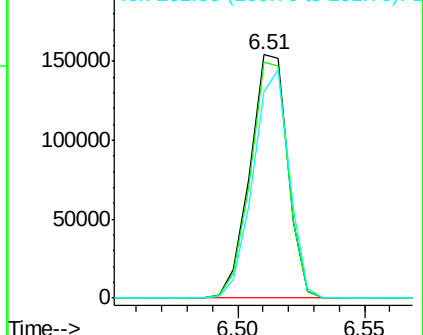
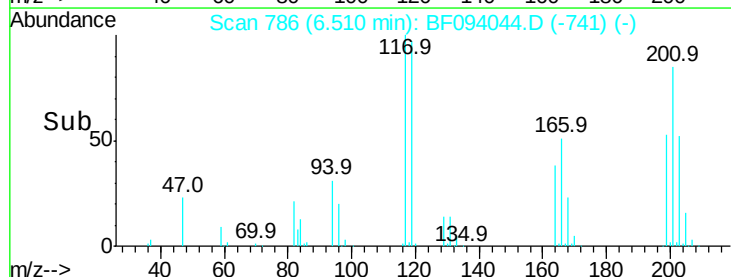


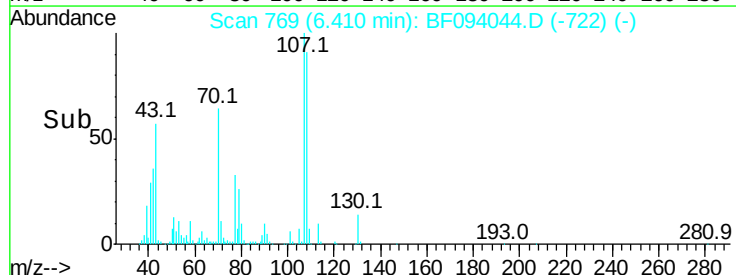
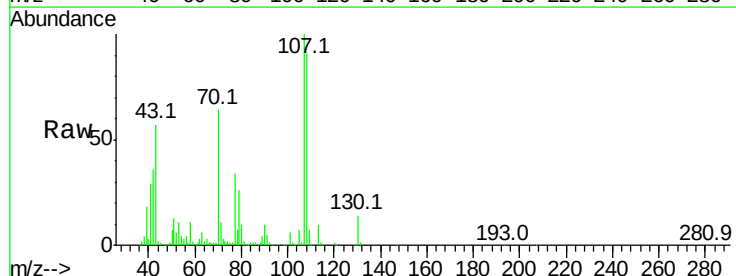
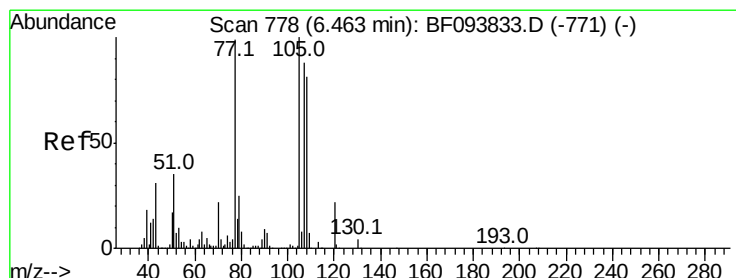
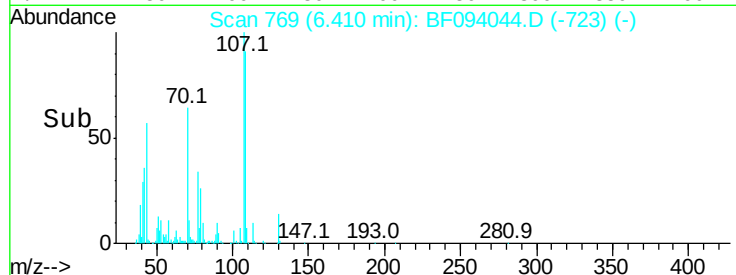
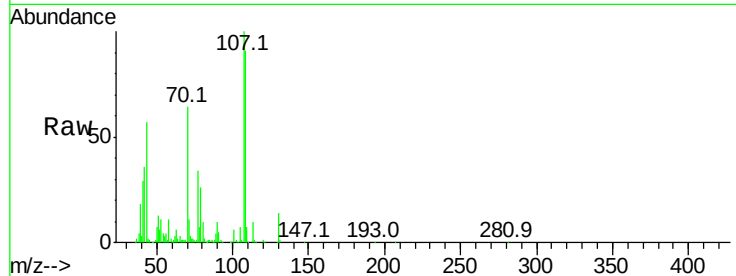
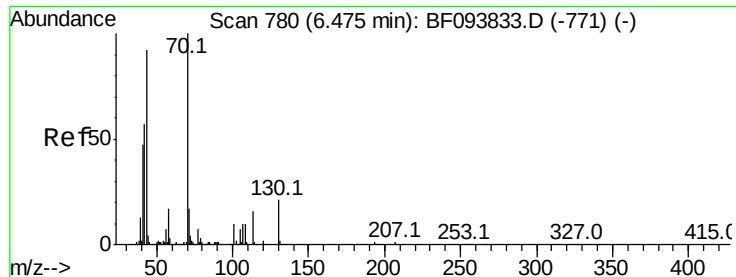
#18
Hexachloroethane
Concen: 37.31 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt Ion:117 Resp: 160025
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
201 85.0 94.6 141.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 38.33 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.03 min

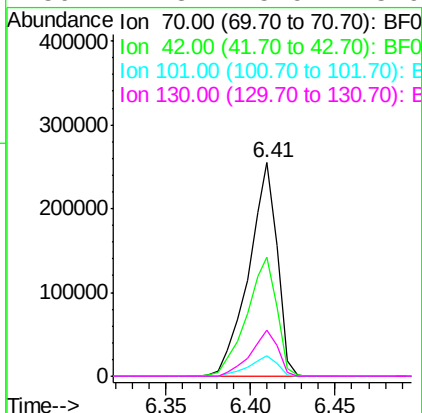
Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 297819

Ion	Ratio	Lower	Upper
70	100		
42	55.7	47.2	70.8
101	9.7	7.2	10.8
130	21.8	15.9	23.9



#20

3+4-Methylphenols

Concen: 40.56 ng

RT: 6.41 min Scan# 769

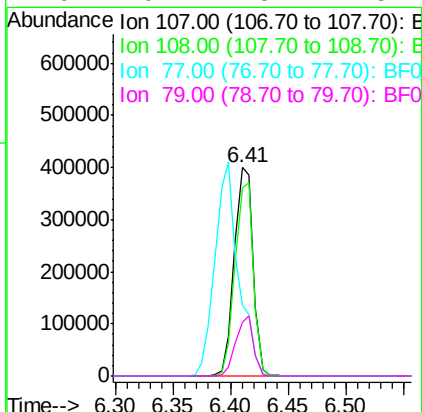
Delta R.T. -0.02 min

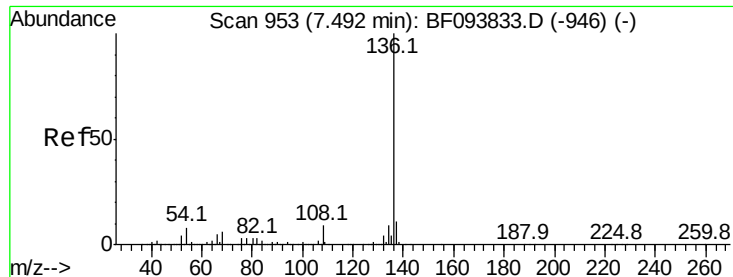
Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Tgt Ion: 107 Resp: 451840

Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.0	111.0
77	33.8	90.5	130.5#
79	26.1	8.4	48.4

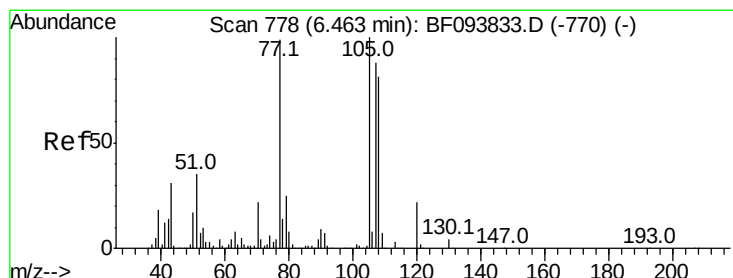
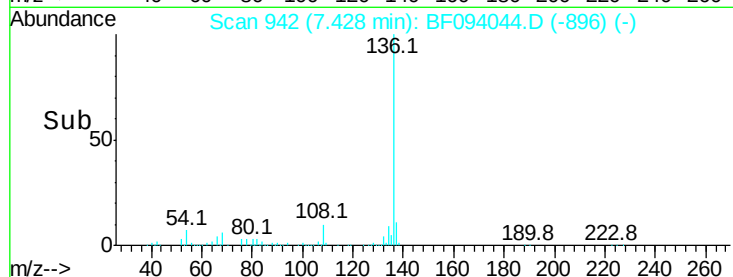
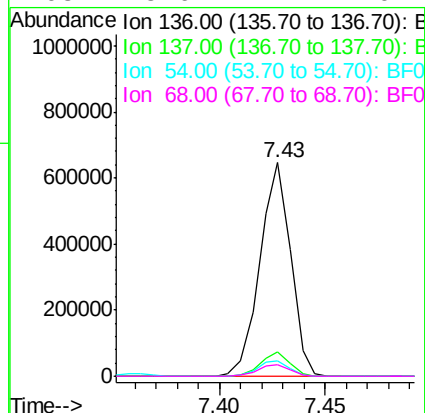
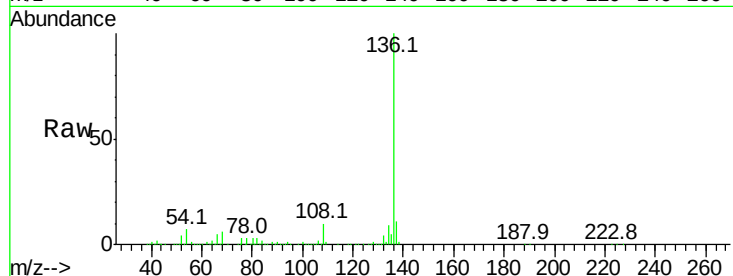




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

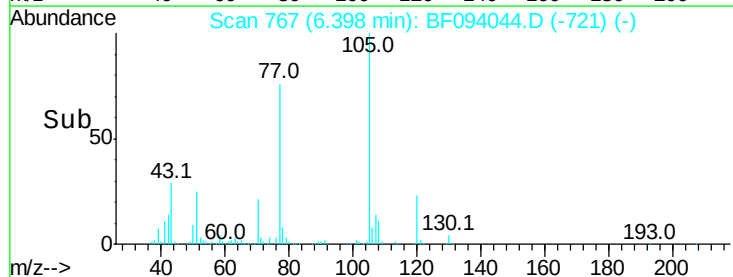
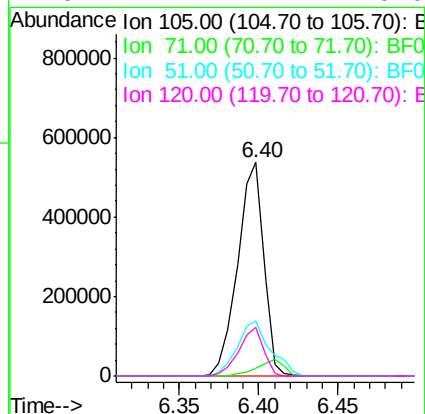
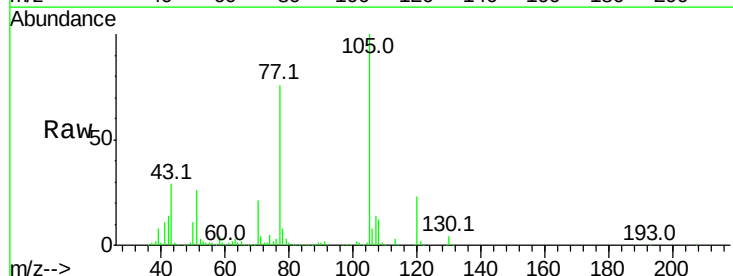
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

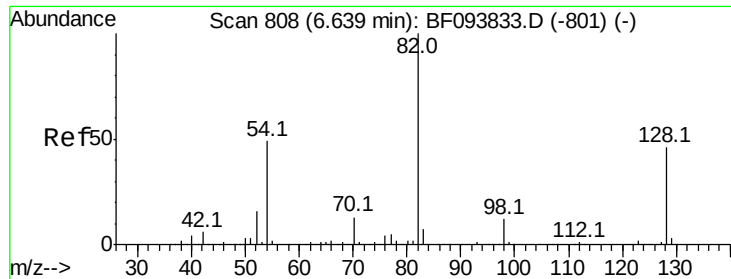
Tot Ion:136	Resp: 654885
Ion Ratio	Lower Upper
136 100	
137 11.3	8.5 12.7
54 7.2	4.9 7.3
68 5.6	4.1 6.1



#22
Acetophenone
Concen: 41.92 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt	Ion:105	Resp:	611797
Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.8	4.2
51	25.6	30.7	46.1#
120	22.7	17.4	26.0

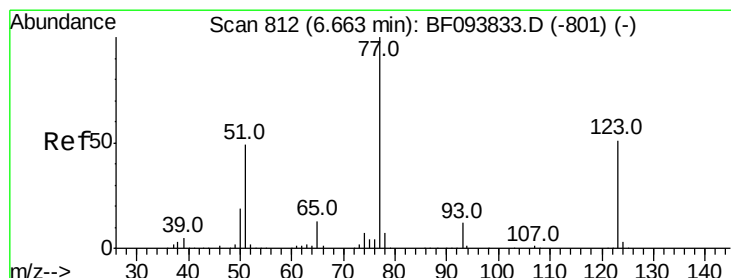
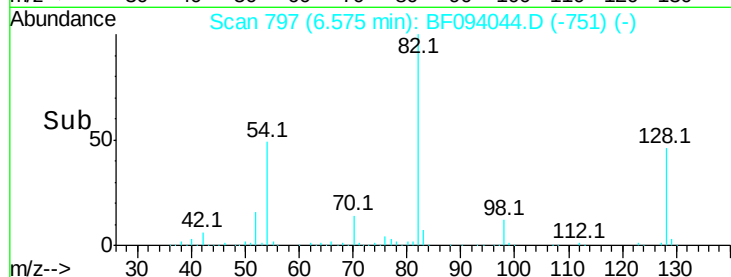
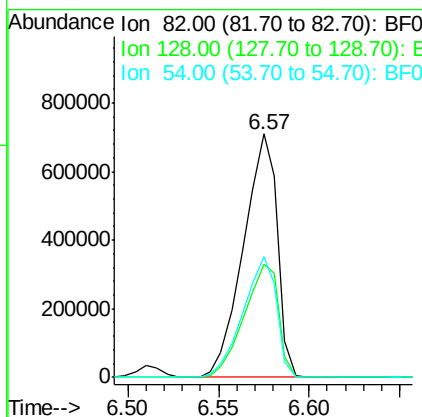
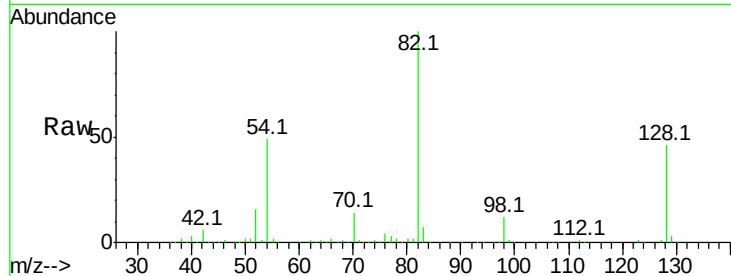




#23
Nitrobenzene-d5
Concen: 80.04 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

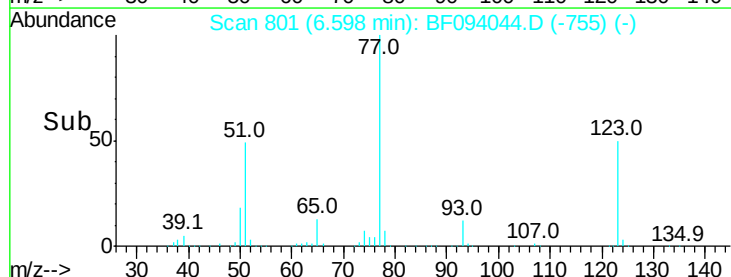
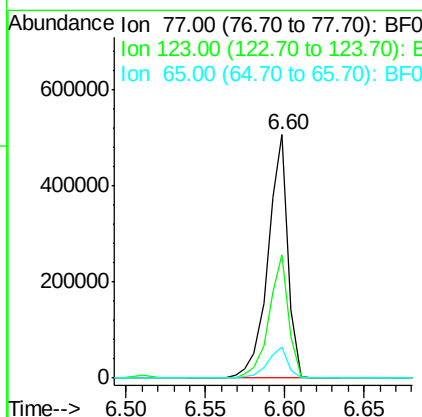
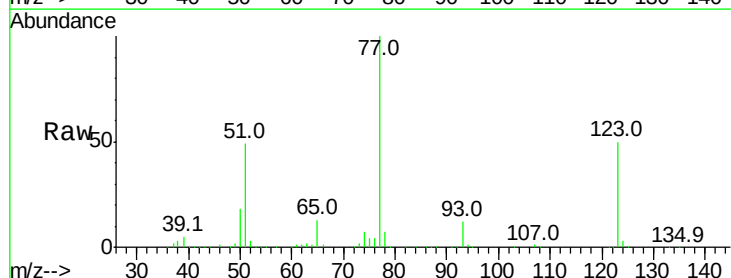
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

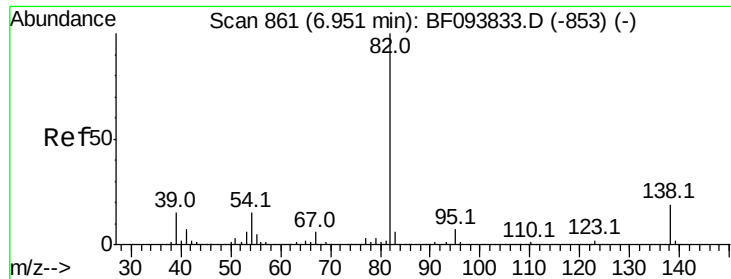
Tot Ion: 82 Resp: 918511
Ion Ratio Lower Upper
82 100
128 46.2 34.0 51.0
54 49.5 42.2 63.2



#24
Nitrobenzene
Concen: 39.31 ng
RT: 6.60 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt Ion: 77 Resp: 444902
Ion Ratio Lower Upper
77 100
123 50.4 35.8 53.8
65 12.9 10.6 15.8





#25

Isophorone

Concen: 39.19 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

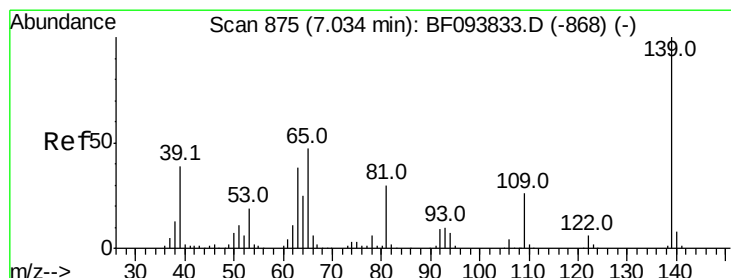
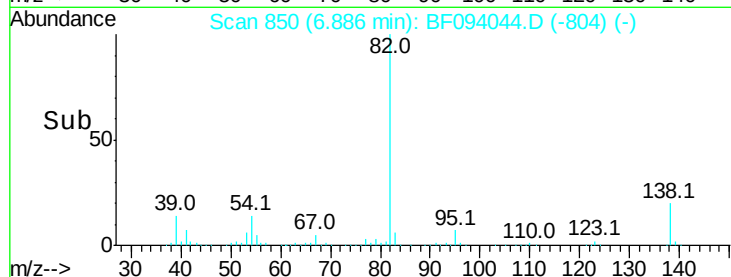
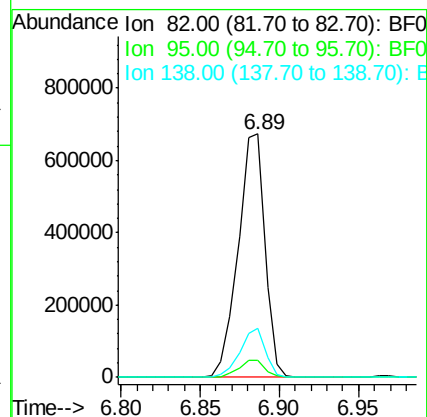
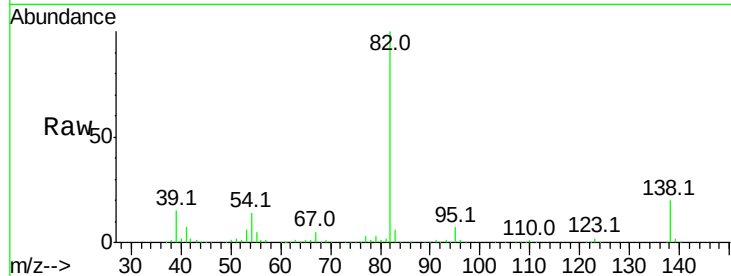
Tot Ion: 82 Resp: 790266

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.9 13.1 19.7#



#26

2-Nitrophenol

Concen: 30.02 ng

RT: 6.97 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

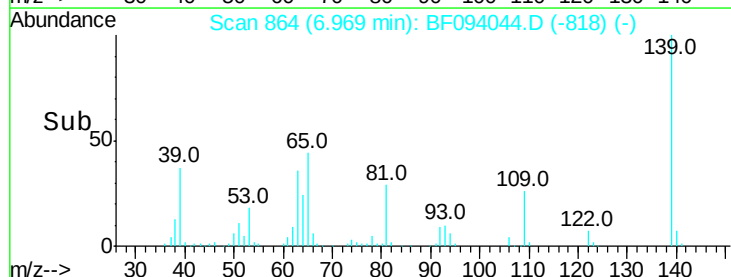
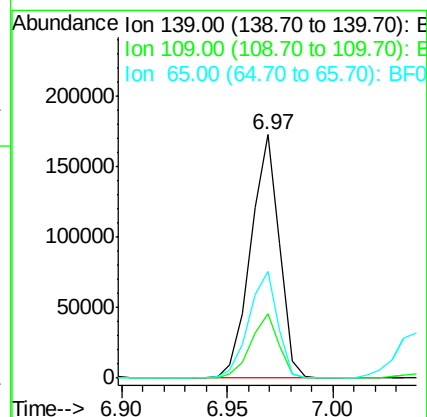
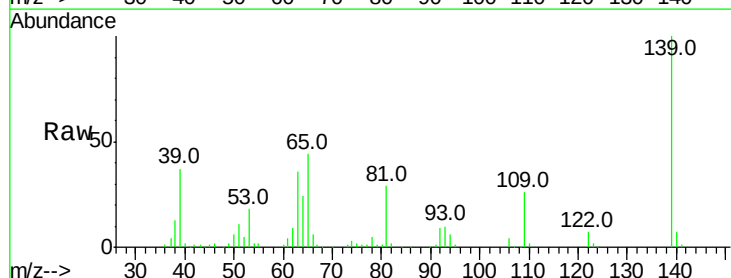
Tgt Ion: 139 Resp: 162001

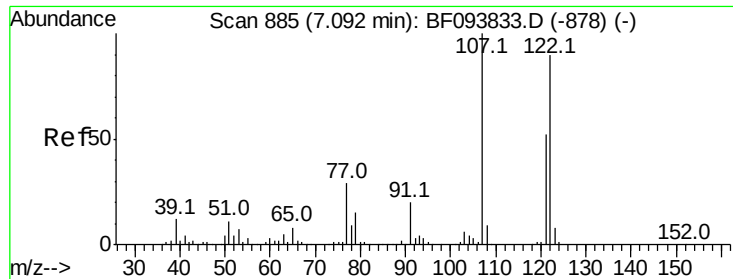
Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.6

65 43.9 33.0 49.6

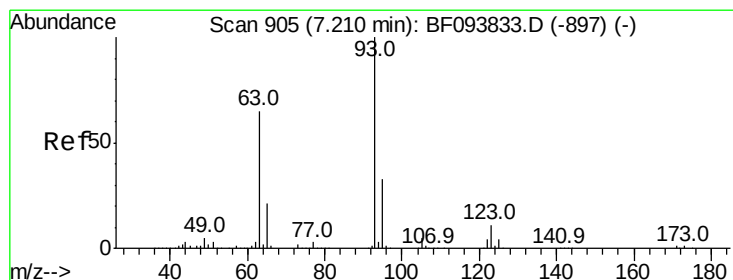
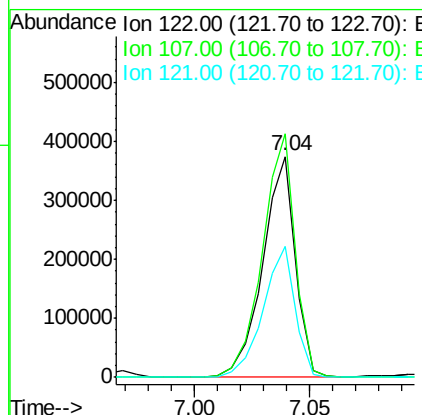
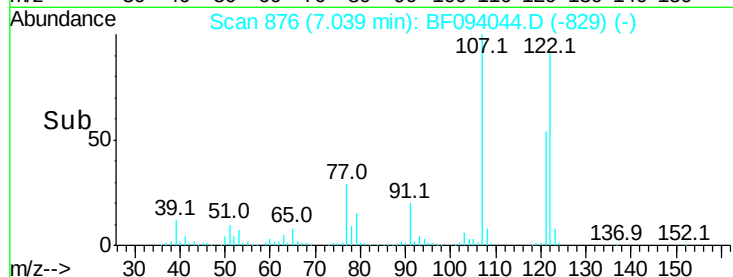
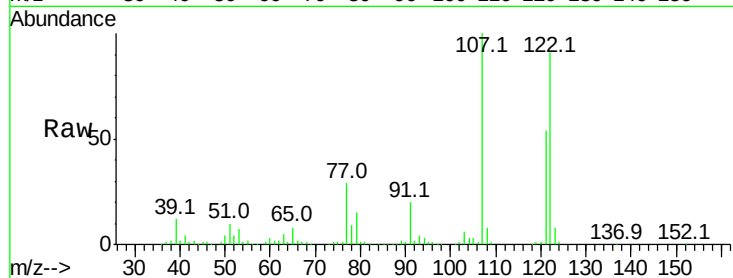




#27
 2,4-Dimethylphenol
 Concen: 39.57 ng
 RT: 7.04 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

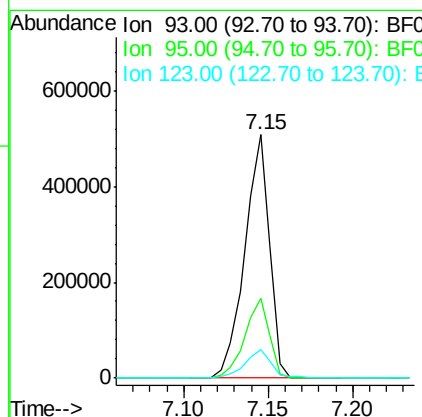
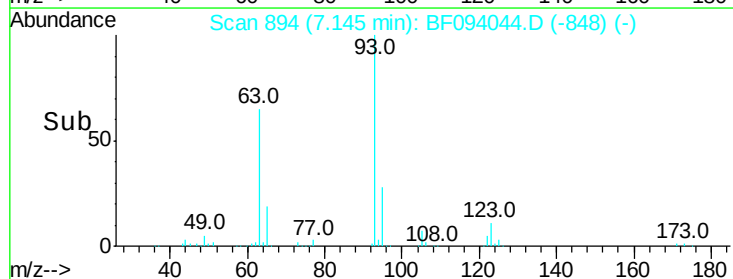
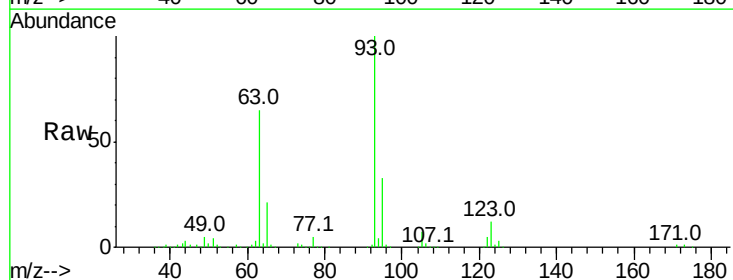
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

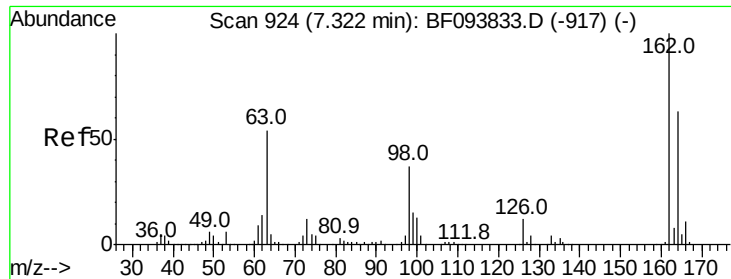
Tot Ion:122 Resp: 368000
 Ion Ratio Lower Upper
 122 100
 107 110.1 89.2 133.8
 121 59.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.01 ng
 RT: 7.15 min Scan# 894
 Delta R.T. -0.03 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Tgt Ion: 93 Resp: 518703
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 11.7 9.0 13.4

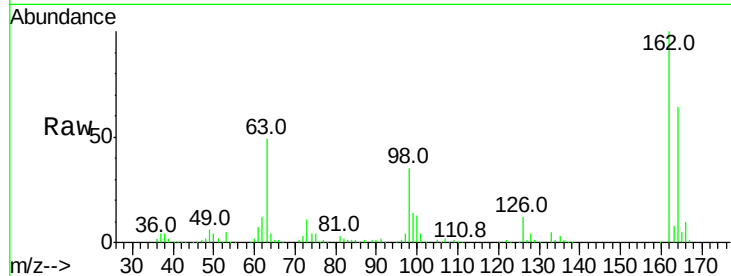




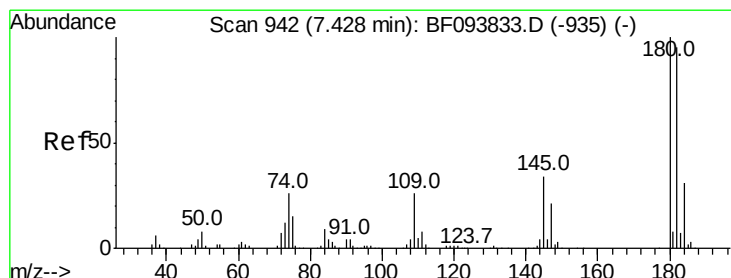
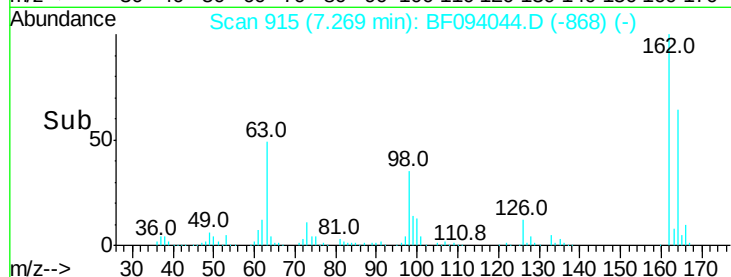
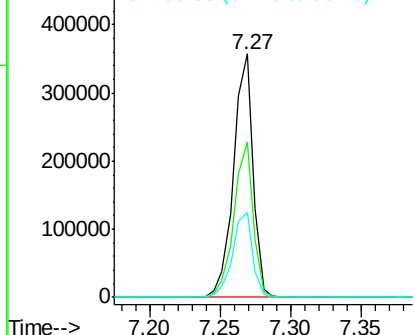
#29
 2,4-Dichlorophenol
 Concen: 39.64 ng
 RT: 7.27 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	344641
Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	35.0	14.8	54.8

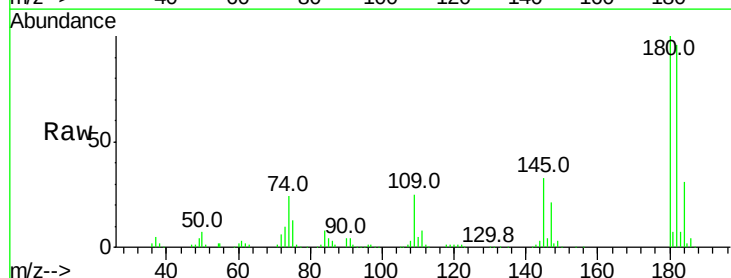


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

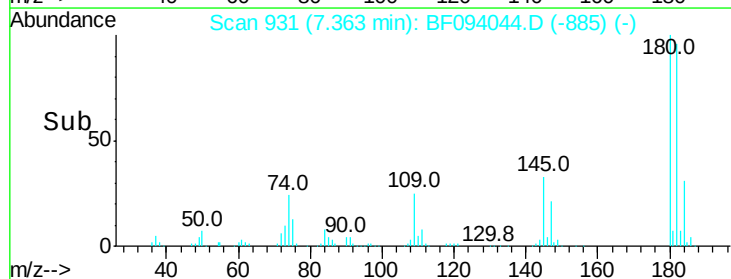
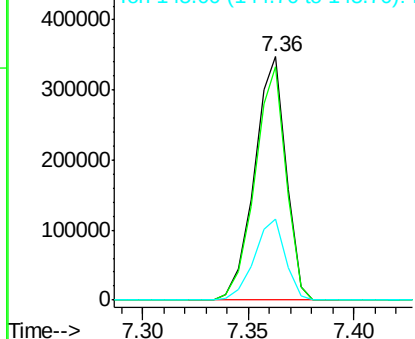


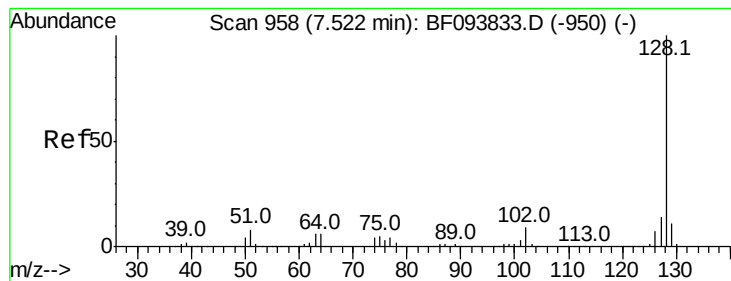
#30
 1,2,4-Trichlorobenzene
 Concen: 40.26 ng
 RT: 7.36 min Scan# 931
 Delta R.T. -0.03 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Tgt Ion:	180	Resp:	360607
Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.8	113.6
145	33.4	25.3	37.9



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





#31

Naphthalene

Concen: 39.81 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.04 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

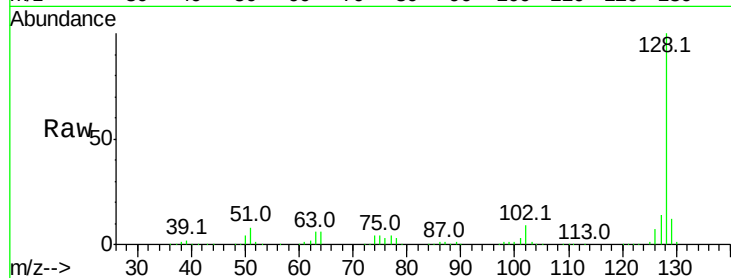
Tot Ion:128 Resp: 1253600

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

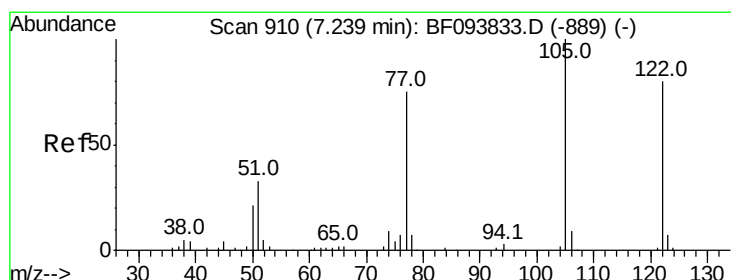
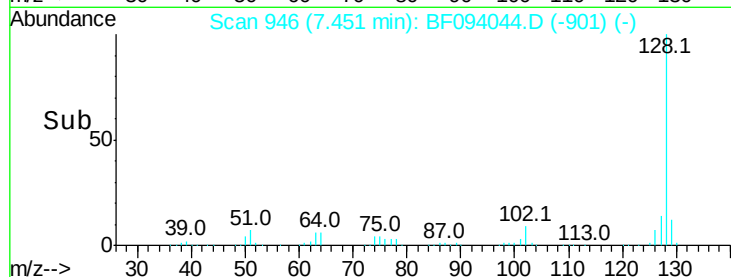
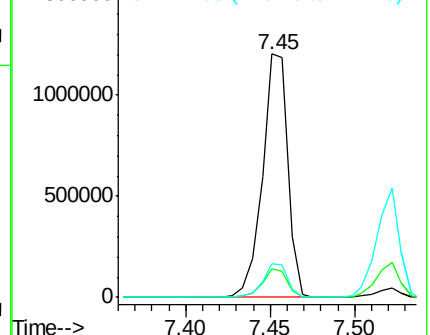
127 14.0 10.8 16.2



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: 16.85 ng

RT: 7.16 min Scan# 897

Delta R.T. -0.05 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

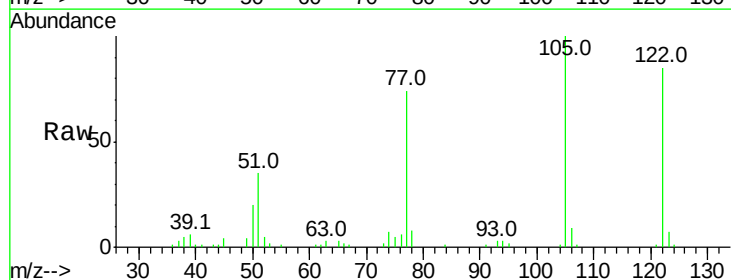
Tgt Ion:122 Resp: 104337

Ion Ratio Lower Upper

122 100

105 118.2 103.3 143.3

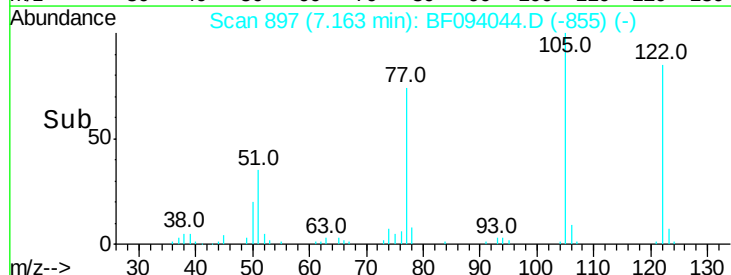
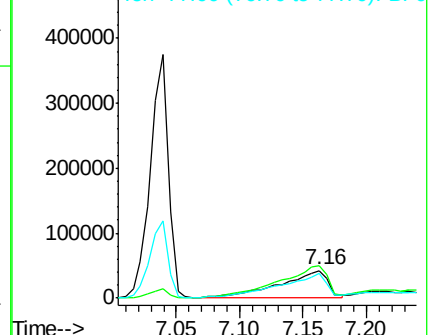
77 87.8 73.7 113.7

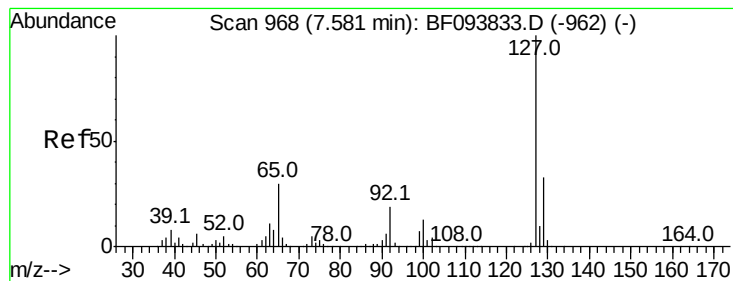


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 40.03 ng

RT: 7.52 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 510828

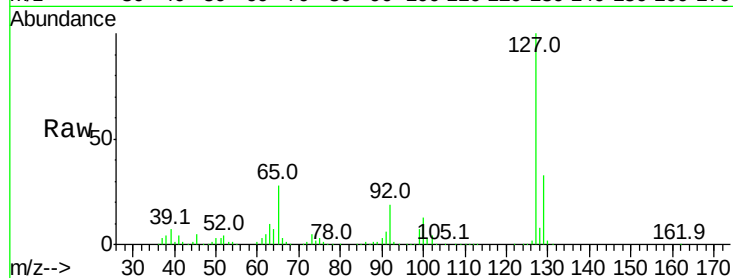
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.2

65 28.1 27.8 41.8

92 18.8 16.8 25.2

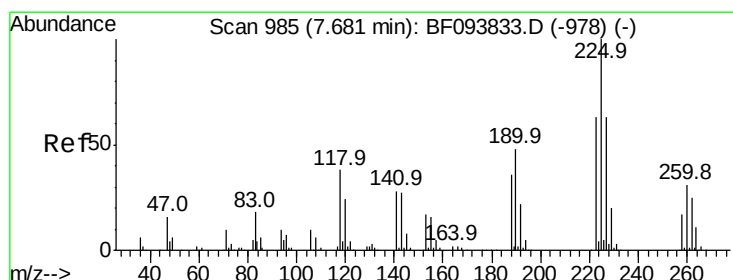
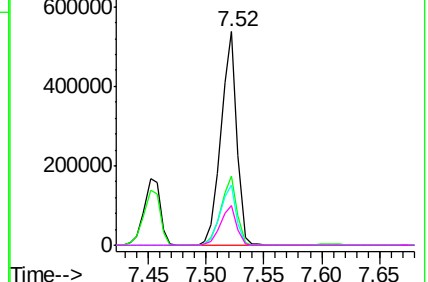
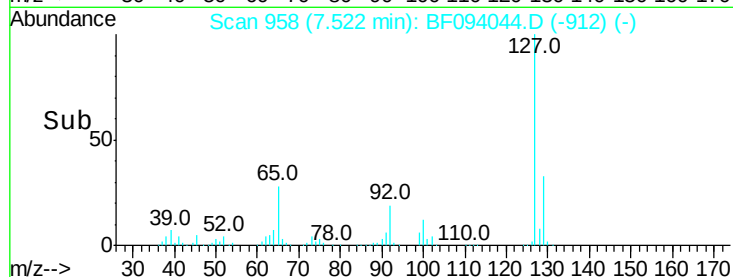


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.16 ng

RT: 7.61 min Scan# 973

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

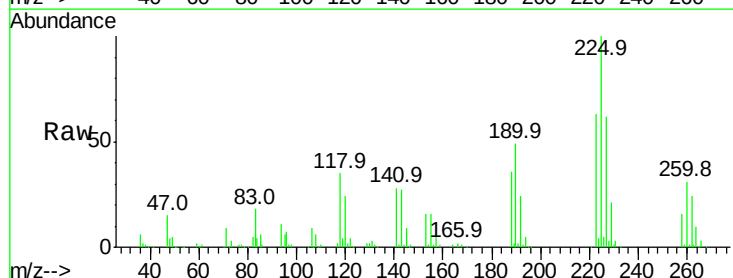
Tgt Ion:225 Resp: 184461

Ion Ratio Lower Upper

225 100

223 63.0 48.8 73.2

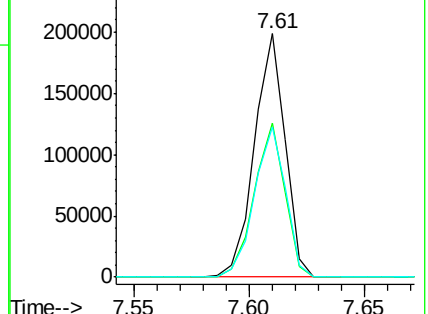
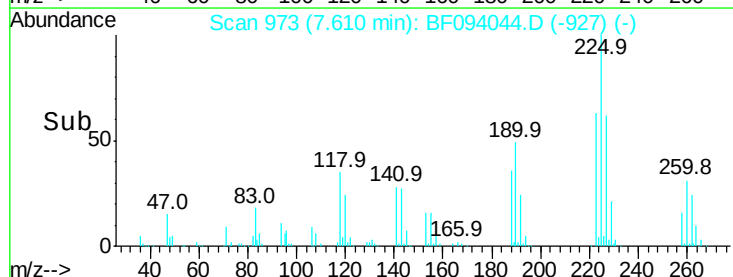
227 61.9 51.1 76.7

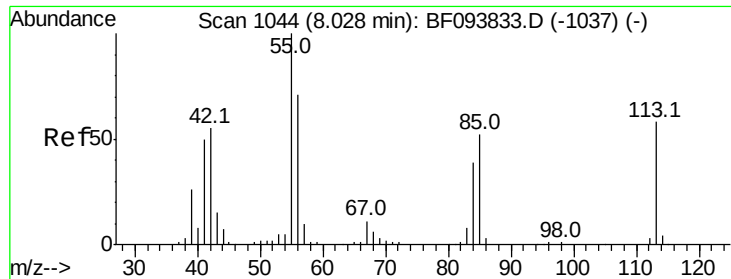


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

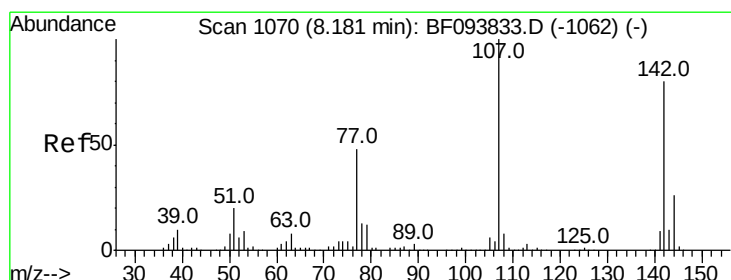
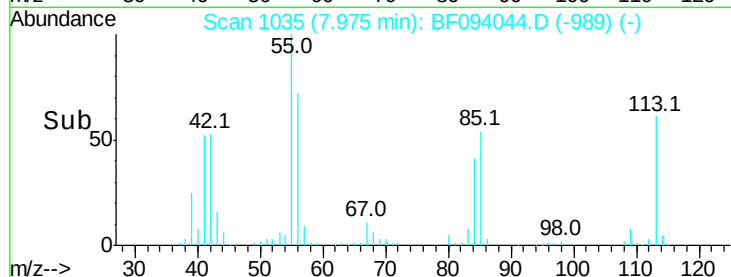
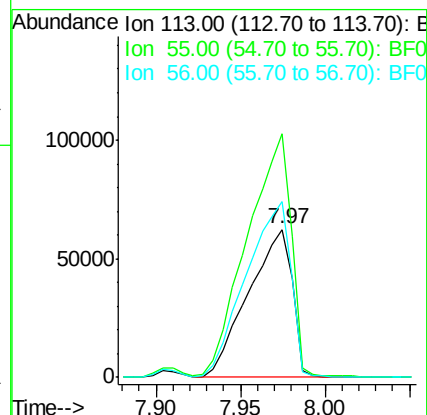
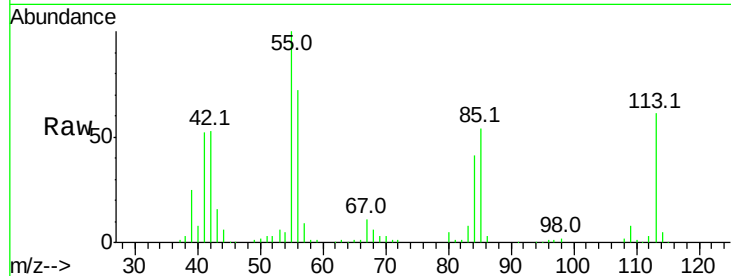




#35
 Caprolactam
 Concen: 40.44 ng
 RT: 7.97 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

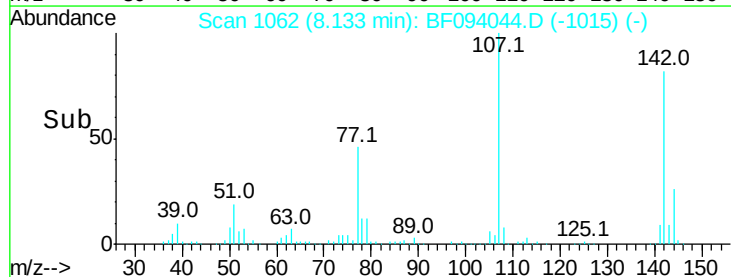
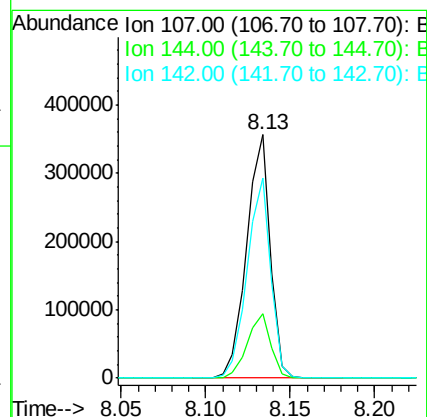
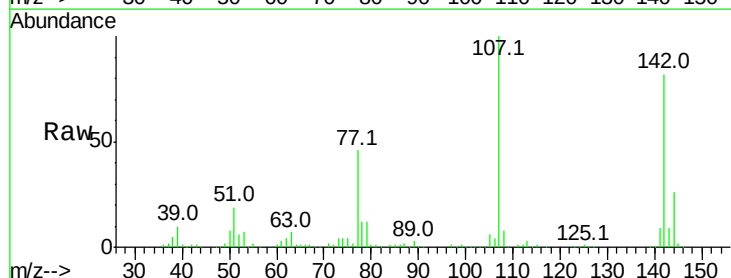
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

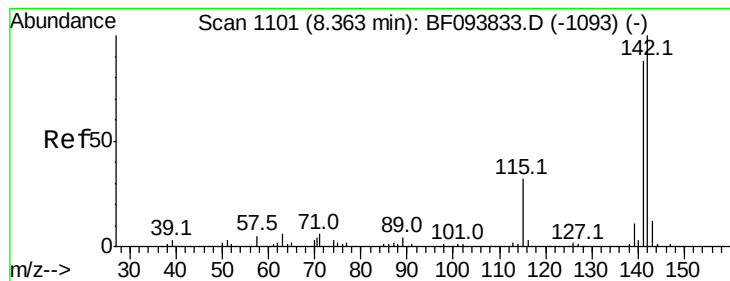
Tot Ion:113 Resp: 112135
 Ion Ratio Lower Upper
 113 100
 55 164.5 150.2 190.2
 56 118.9 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 38.45 ng
 RT: 8.13 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Tgt Ion:107 Resp: 349380
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 82.1 73.4 110.0





#37

2-Methylnaphthalene

Concen: 40.10 ng

RT: 8.30 min Scan# 1090

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

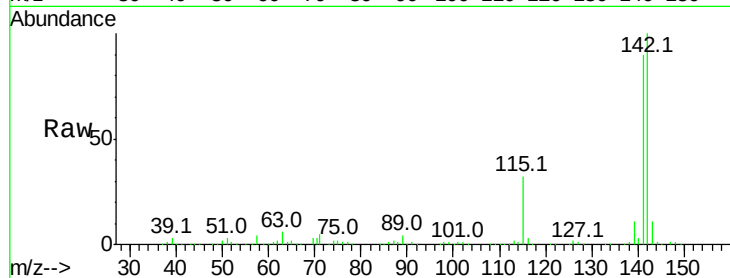
Tot Ion:142 Resp: 841770

Ion Ratio Lower Upper

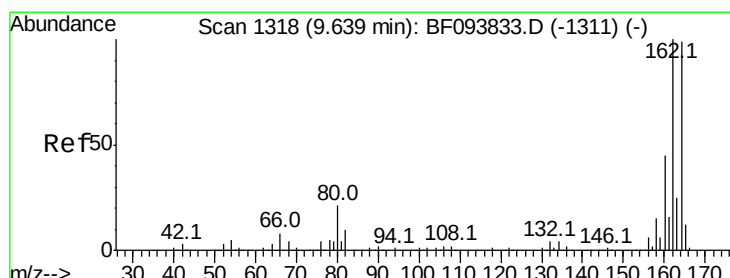
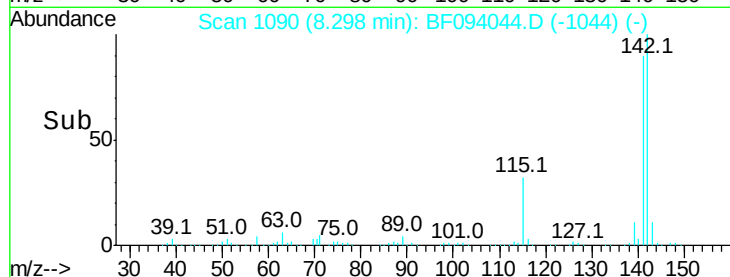
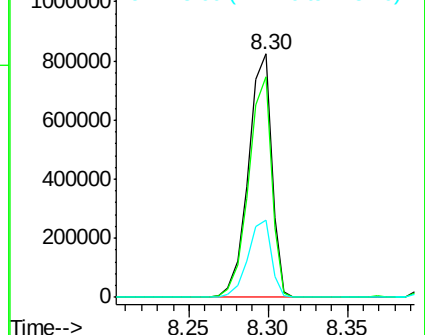
142 100

141 90.3 71.3 106.9

115 31.7 27.1 40.7



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: 9.57 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

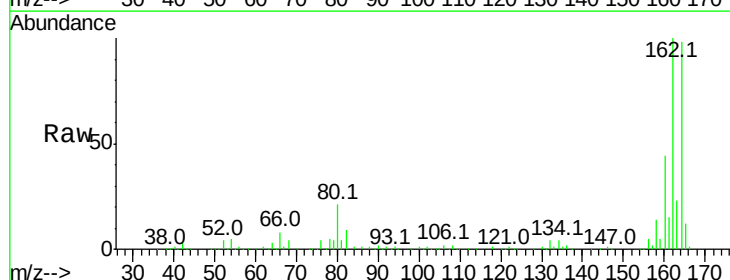
Tgt Ion:164 Resp: 296090

Ion Ratio Lower Upper

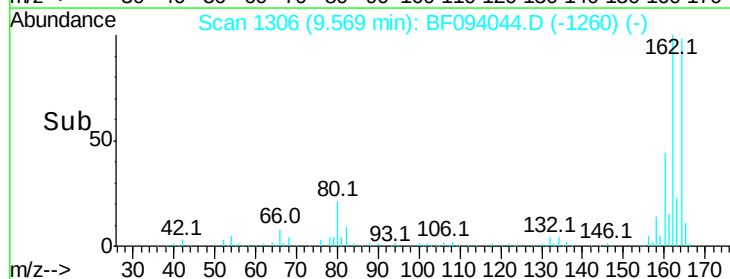
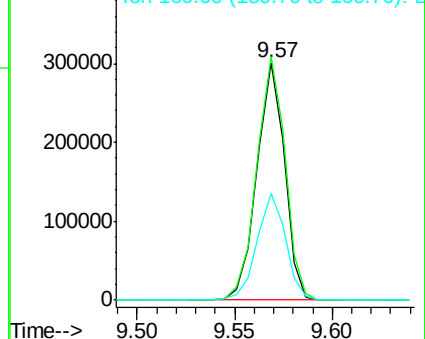
164 100

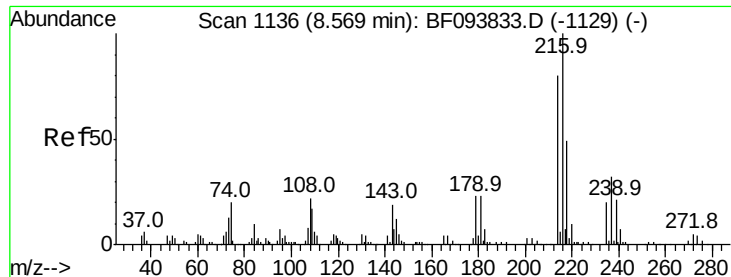
162 102.4 82.6 123.8

160 44.7 36.2 54.2



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

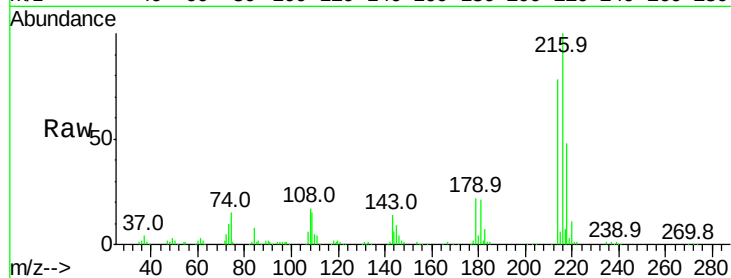




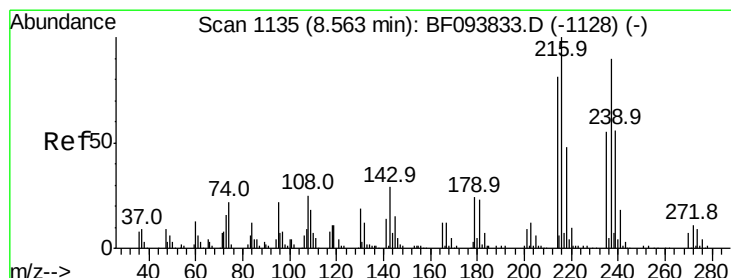
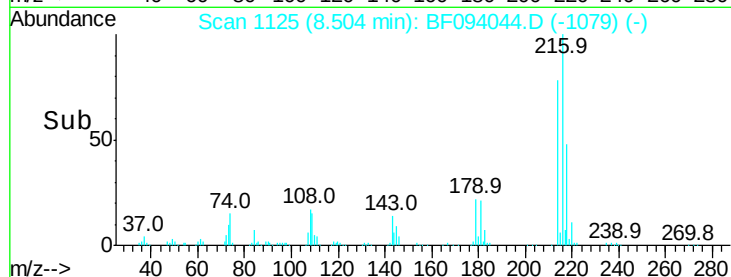
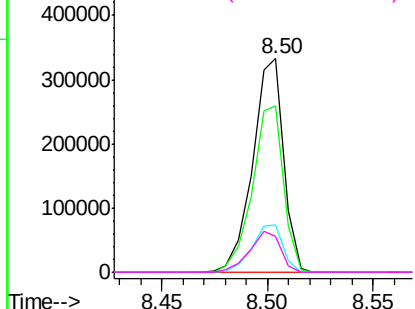
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.86 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	339029
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	22.3	17.9	26.9
108	19.2	16.5	24.7

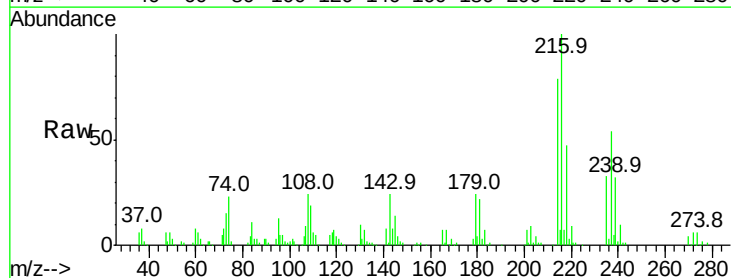


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

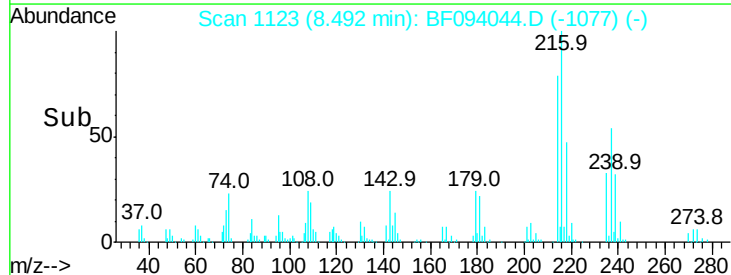
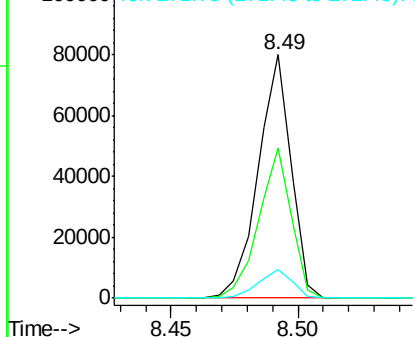


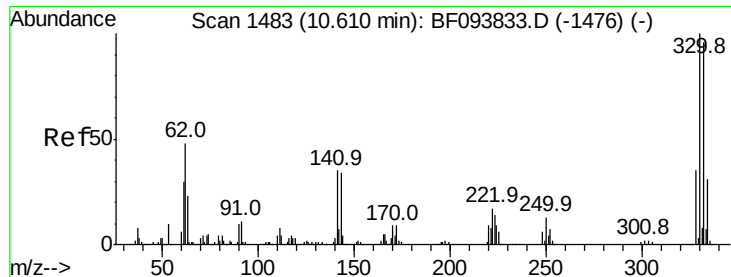
#40
 Hexachlorocyclopentadiene
 Concen: 19.16 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.03 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Tgt Ion:	237	Resp:	72627
Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.6	82.6
272	12.0	0.0	31.9



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





#41

2,4,6-Tribromophenol

Concen: 69.60 ng

RT: 10.54 min Scan# 1471

Delta R.T. -0.04 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

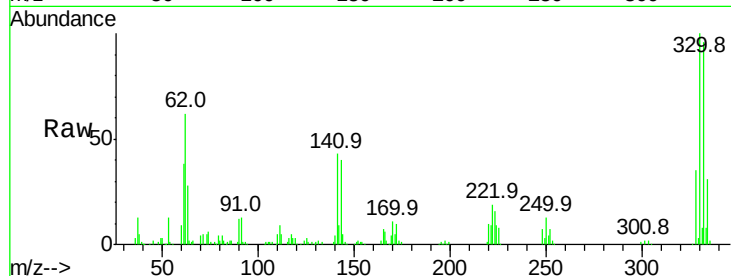
Tot Ion:330 Resp: 162846

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

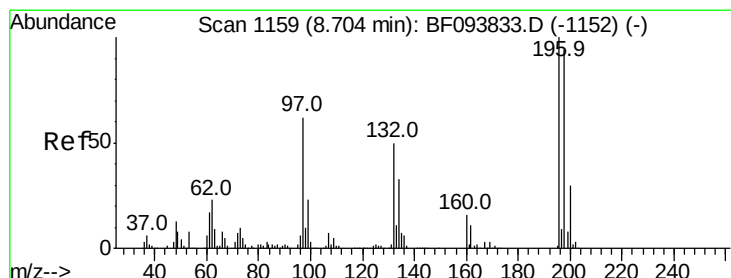
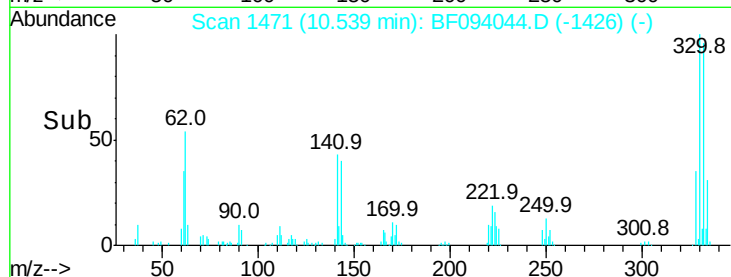
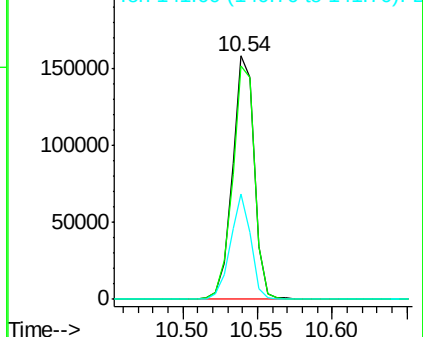
141 40.5 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 37.32 ng

RT: 8.65 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

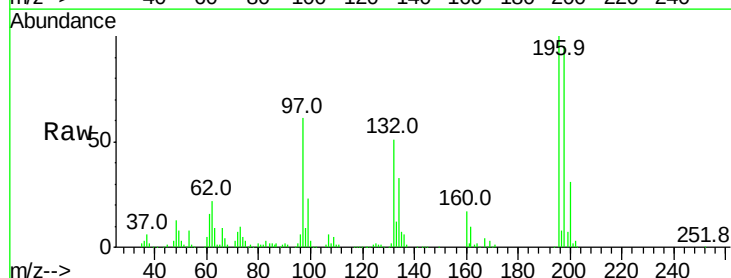
Tgt Ion:196 Resp: 213883

Ion Ratio Lower Upper

196 100

198 94.8 74.2 111.4

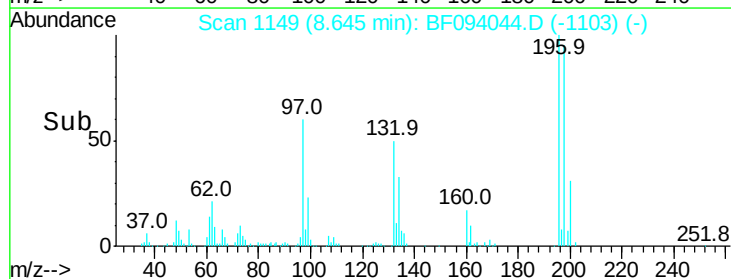
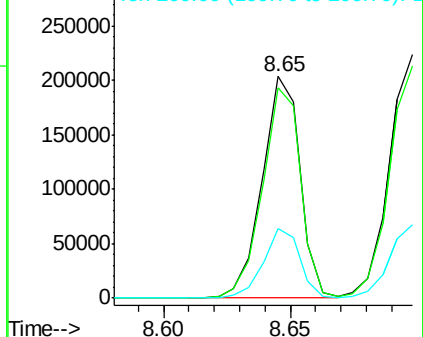
200 31.2 24.0 36.0

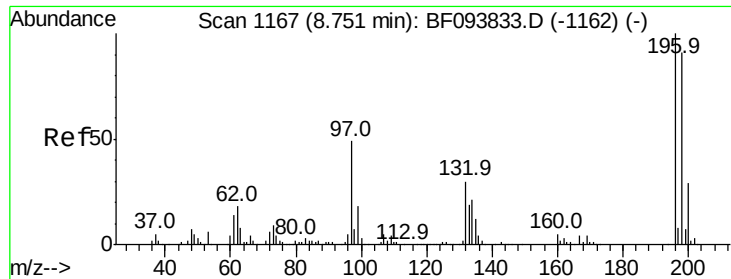


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

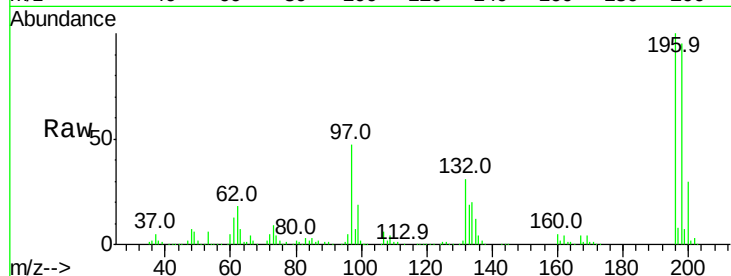




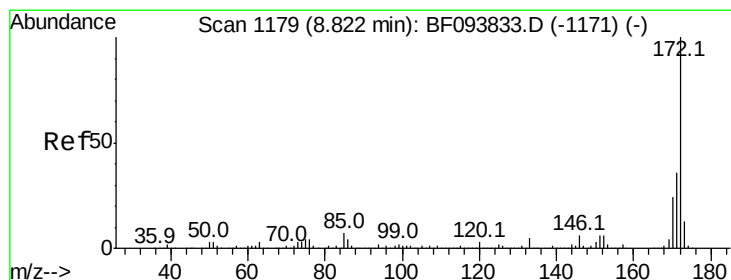
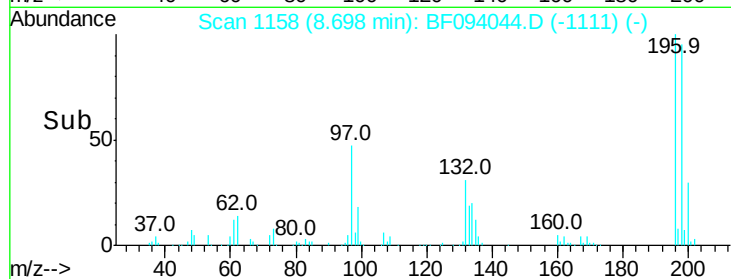
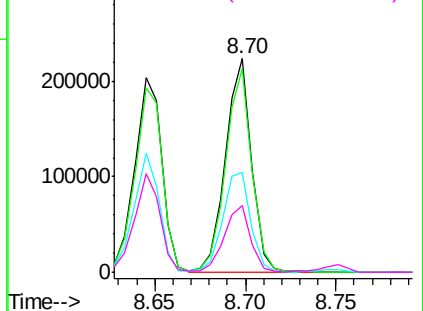
#43
 2,4,5-Trichlorophenol
 Concen: 36.21 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 224525
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 97 46.8 47.7 71.5#
 132 31.2 28.0 42.0

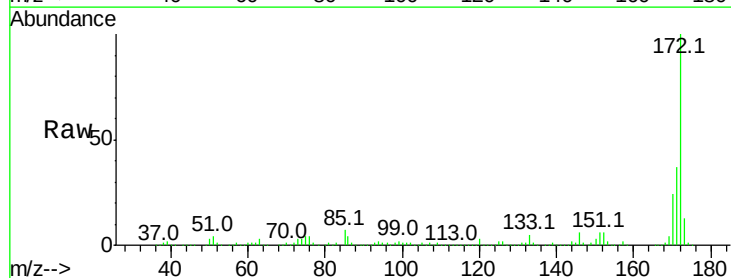


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

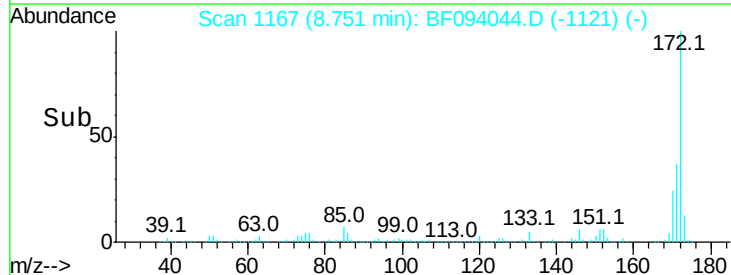
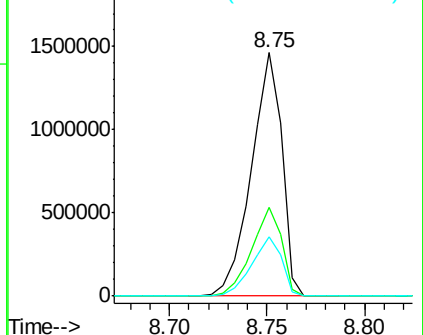


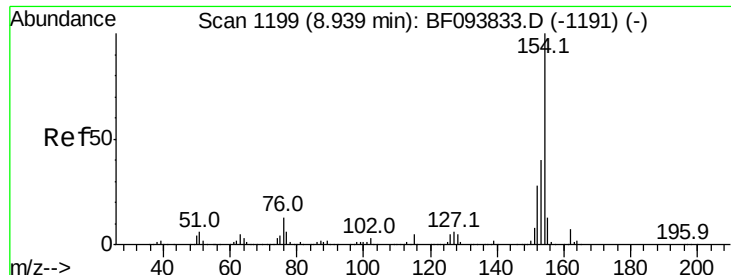
#44
 2-Fluorobiphenyl
 Concen: 81.71 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Tgt Ion:172 Resp: 1586116
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.2 19.8 29.8



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

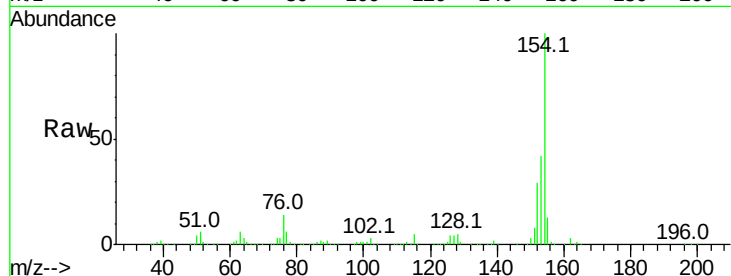




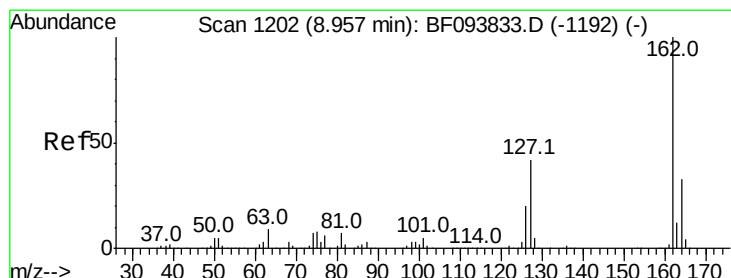
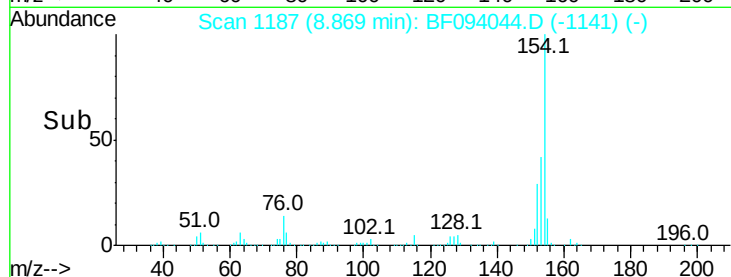
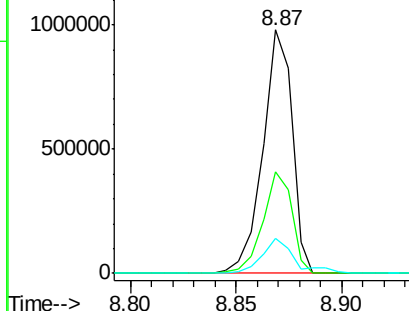
#45
1,1'-Biphenyl
Concen: 39.66 ng
RT: 8.87 min Scan# 1187
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.2	61.2
76	14.2	0.0	29.9

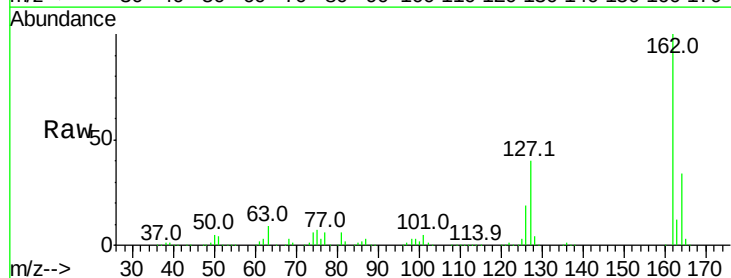


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

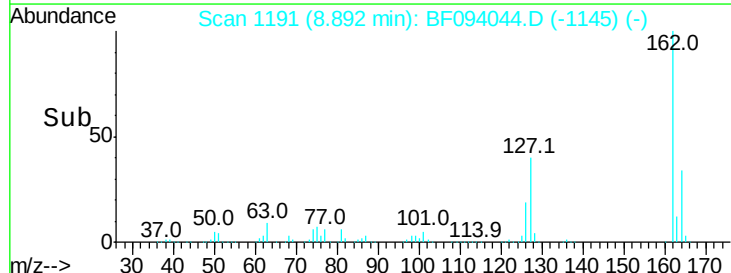
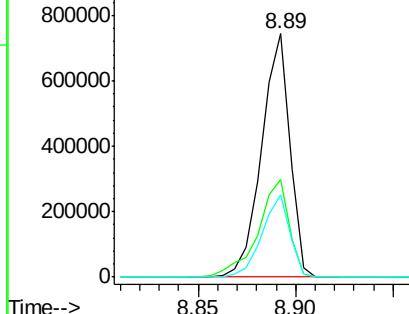


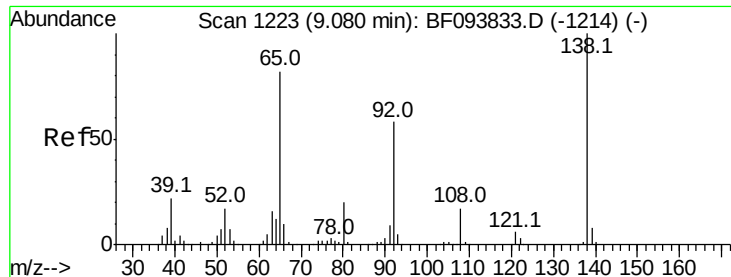
#46
2-Chloronaphthalene
Concen: 39.93 ng
RT: 8.89 min Scan# 1191
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	28.3	42.5
164	33.6	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.20 ng

RT: 9.02 min Scan# 1212

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

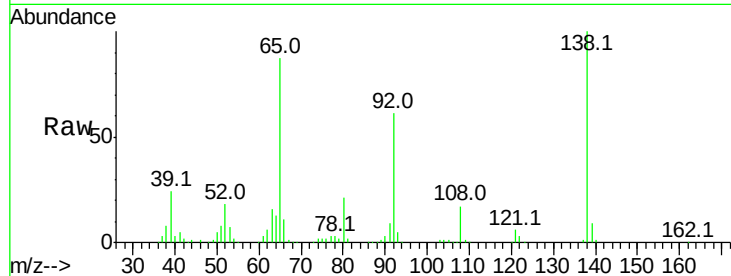
Tot Ion: 65 Resp: 239581

Ion Ratio Lower Upper

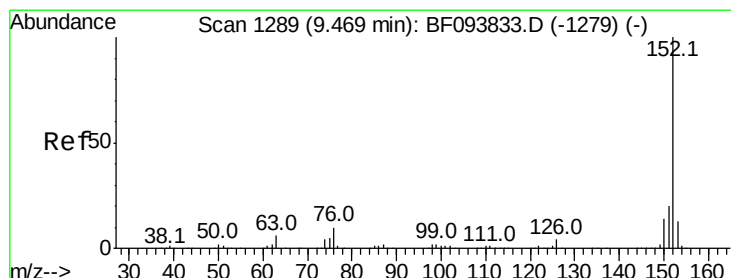
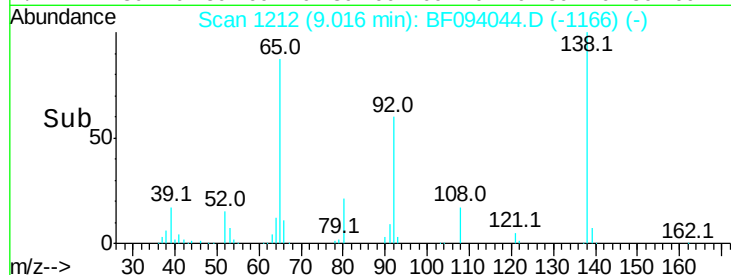
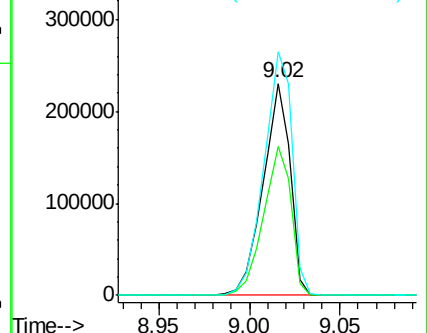
65 100

92 70.1 53.9 80.9

138 114.8 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 39.65 ng

RT: 9.40 min Scan# 1277

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

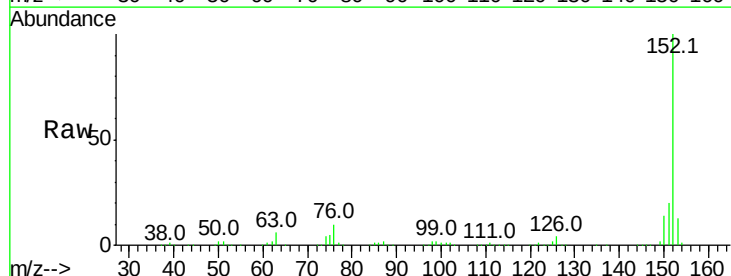
Tgt Ion:152 Resp: 1231974

Ion Ratio Lower Upper

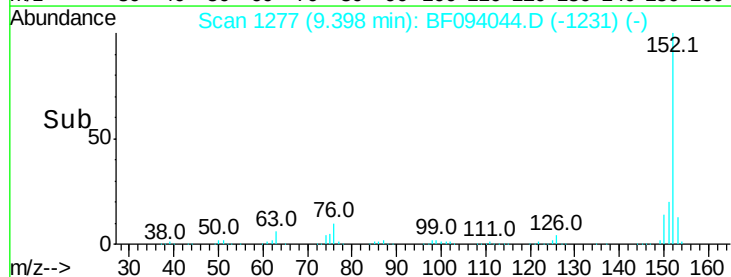
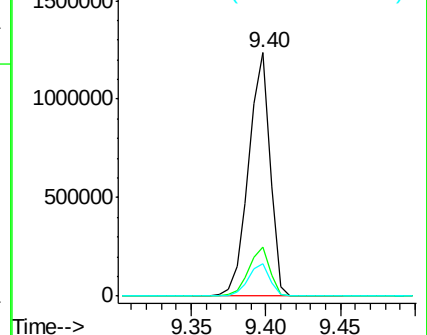
152 100

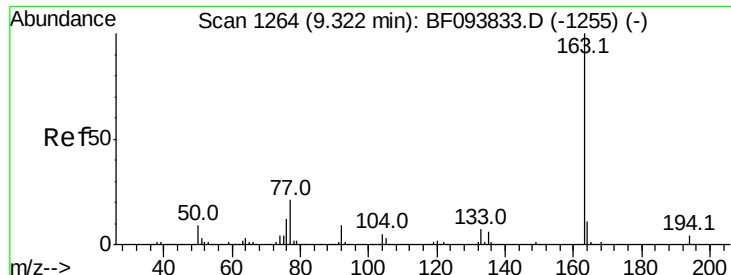
151 20.0 16.8 25.2

153 13.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

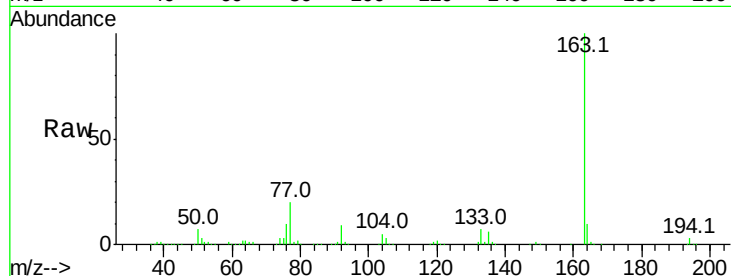




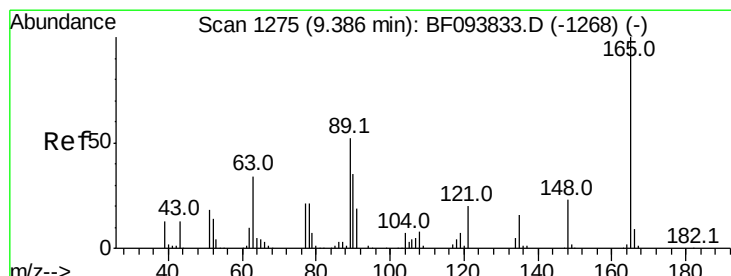
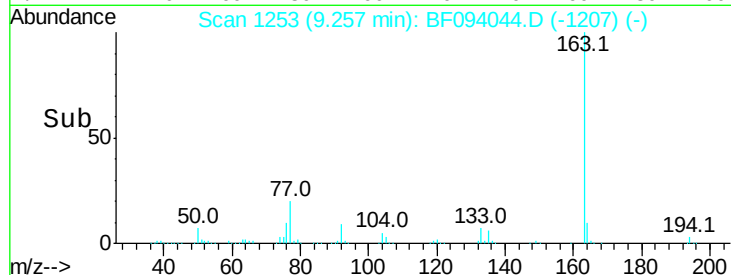
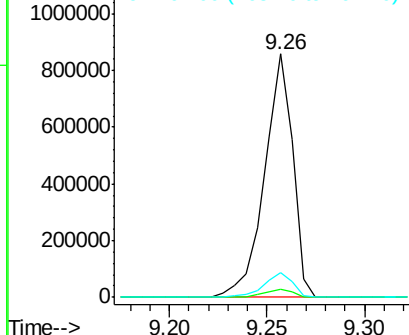
#49
Dimethylphthalate
Concen: 40.79 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 858534
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.4 12.6

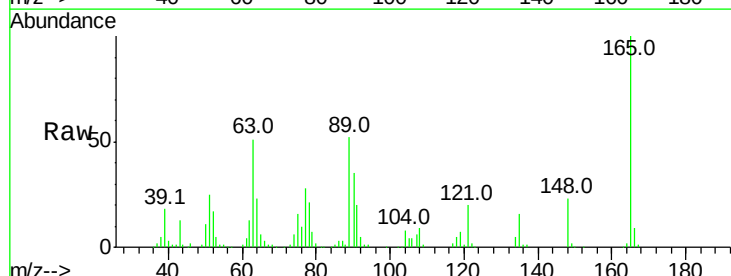


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

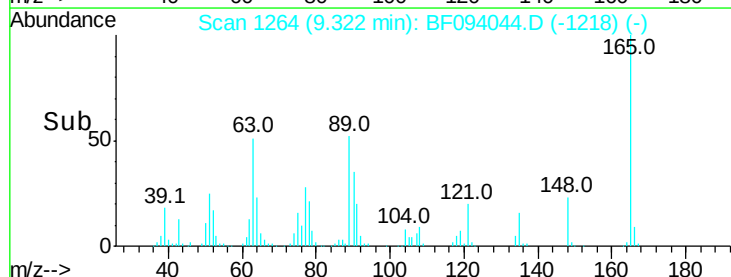
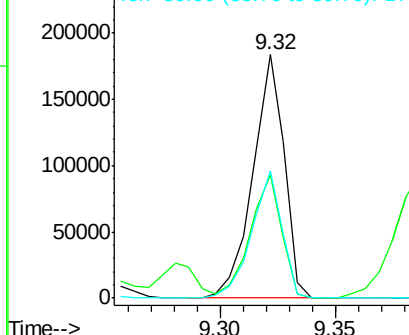


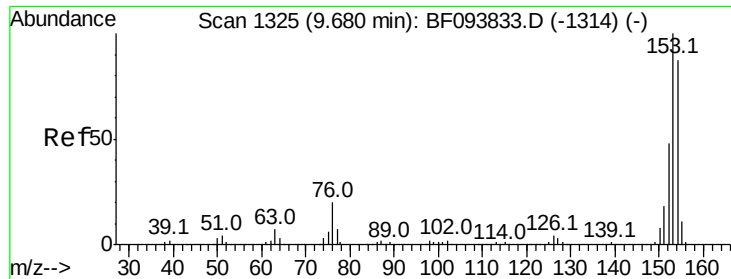
#50
2,6-Dinitrotoluene
Concen: 36.18 ng
RT: 9.32 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt Ion:165 Resp: 174552
Ion Ratio Lower Upper
165 100
63 50.6 34.3 51.5
89 52.0 37.1 55.7



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





#51

Acenaphthene

Concen: 39.05 ng

RT: 9.61 min Scan# 1313

Delta R.T. -0.04 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

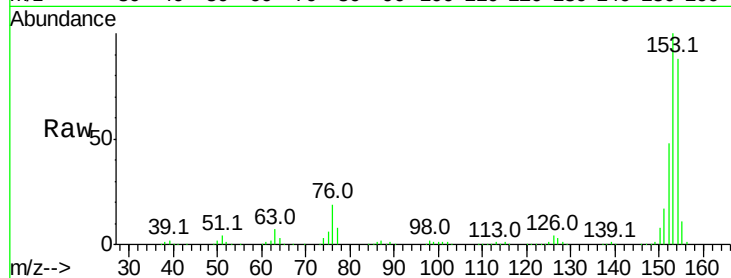
Tot Ion:154 Resp: 708035

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

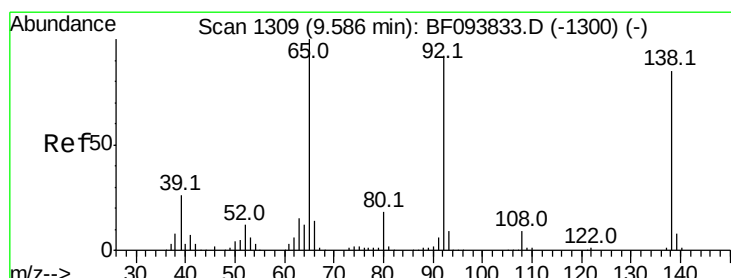
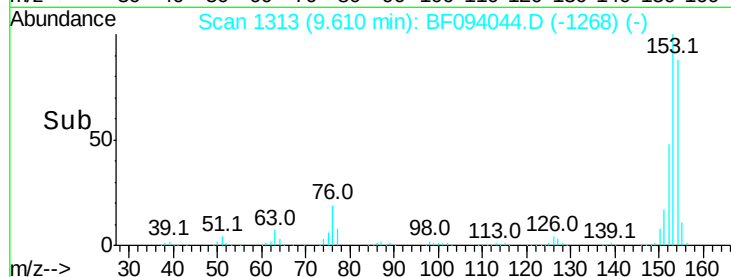
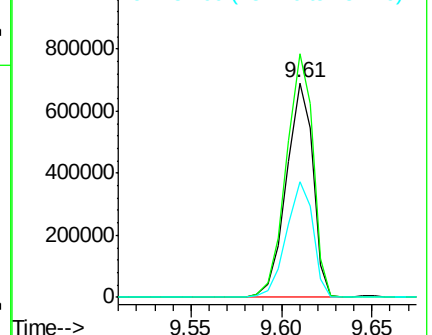
152 54.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.80 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

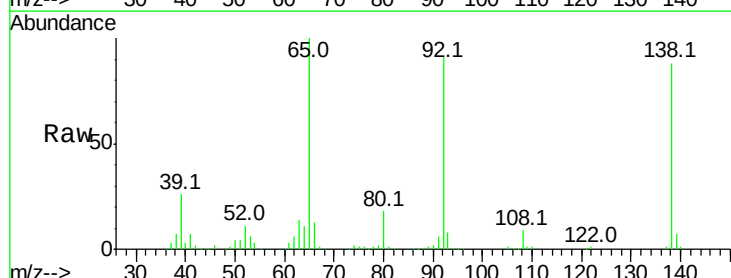
Tgt Ion:138 Resp: 253817

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

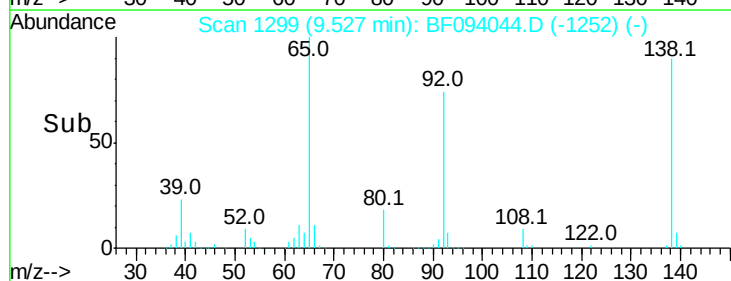
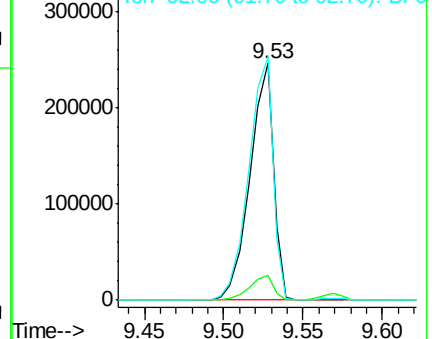
92 102.7 93.8 140.6

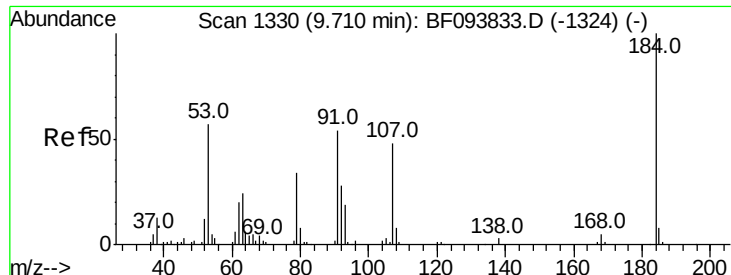


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

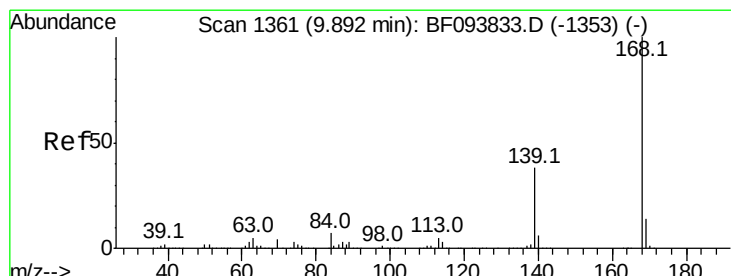
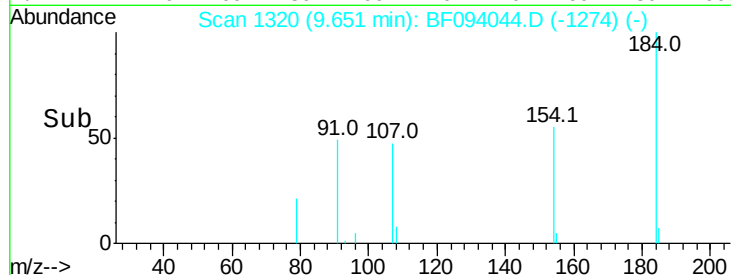
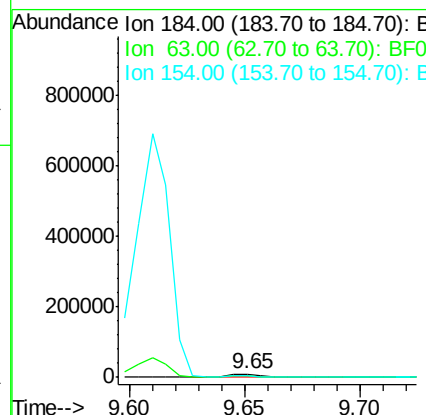
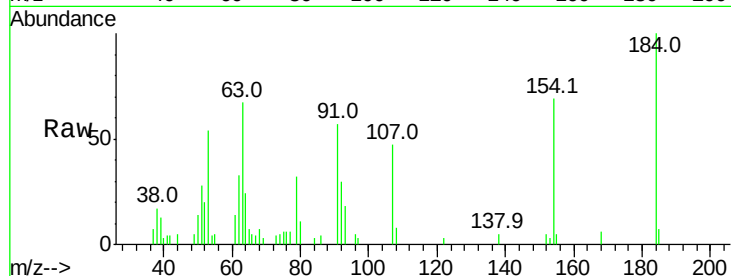




#53
 2,4-Dinitrophenol
 Concen: 8.09 ng
 RT: 9.65 min Scan# 1320
 Delta R.T. -0.03 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

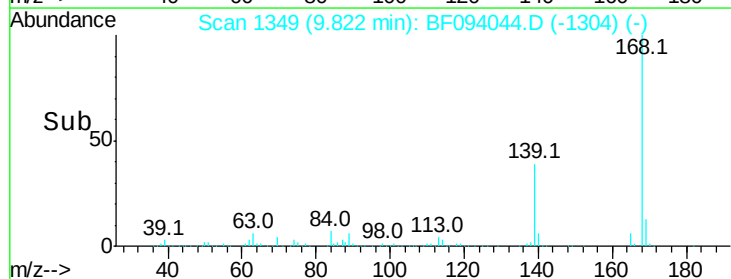
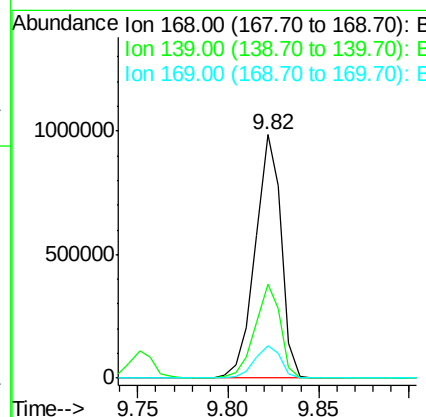
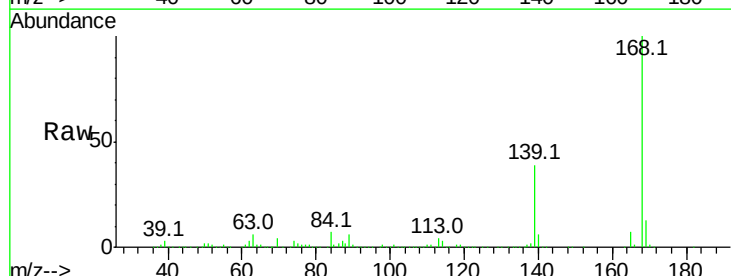
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

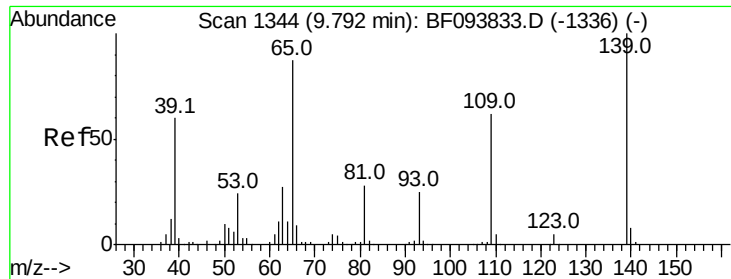
Tot Ion:184 Resp: 9396
 Ion Ratio Lower Upper
 184 100
 63 67.3 62.7 94.1
 154 68.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.49 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.04 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Tgt Ion:168 Resp: 974465
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.6 45.8
 169 13.4 10.8 16.2

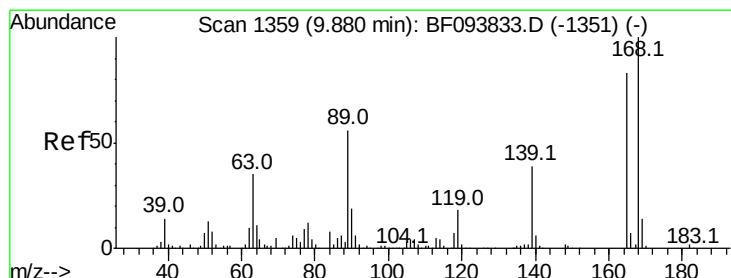
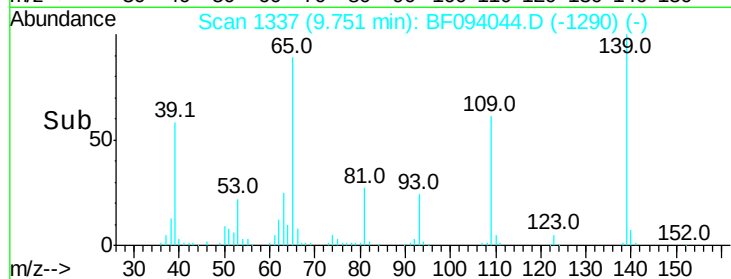
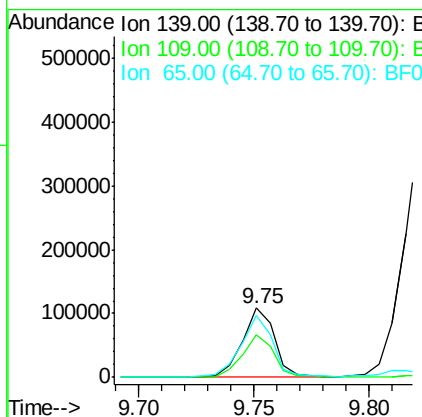
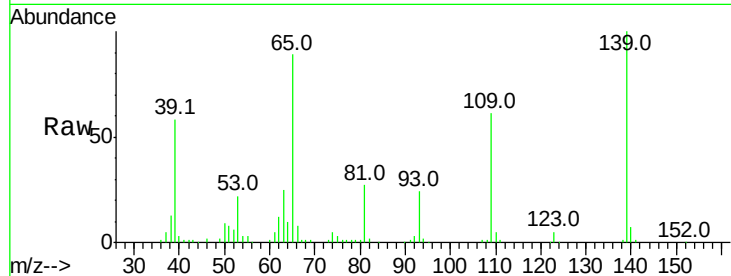




#55
4-Nitrophenol
Concen: 24.04 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

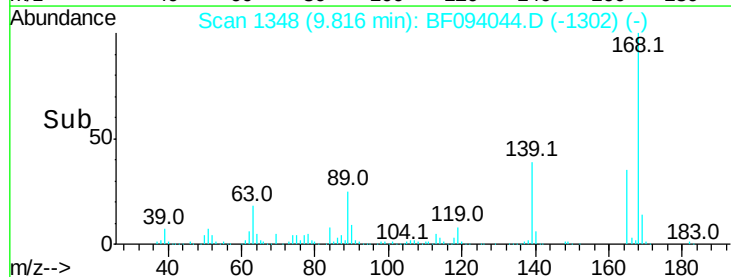
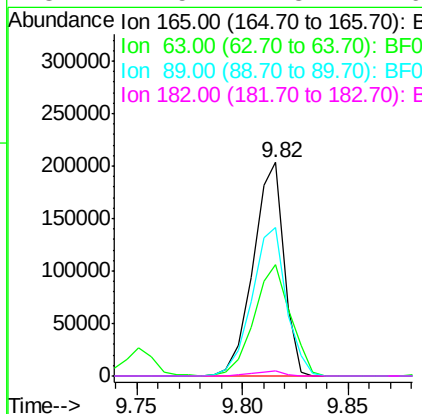
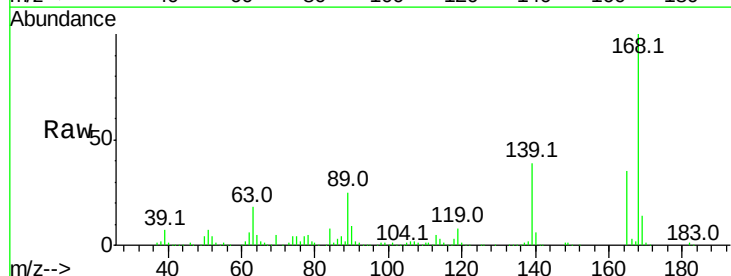
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

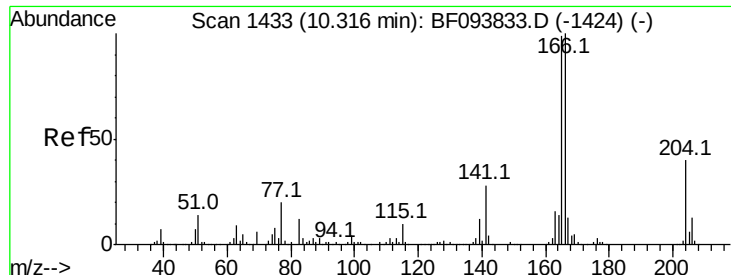
Tot Ion:139 Resp: 106642
Ion Ratio Lower Upper
139 100
109 61.0 34.1 74.1
65 89.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 34.12 ng
RT: 9.82 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt Ion:165 Resp: 206796
Ion Ratio Lower Upper
165 100
63 52.1 25.4 38.0#
89 69.8 46.4 69.6#
182 2.5 1.8 2.6

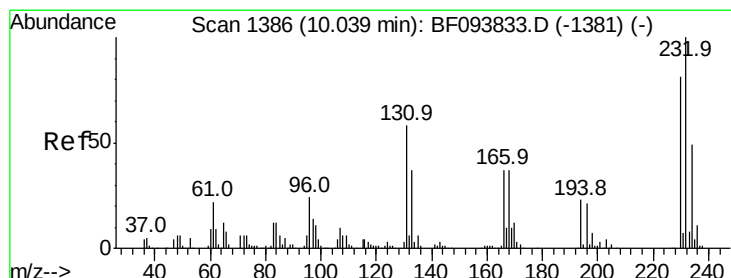
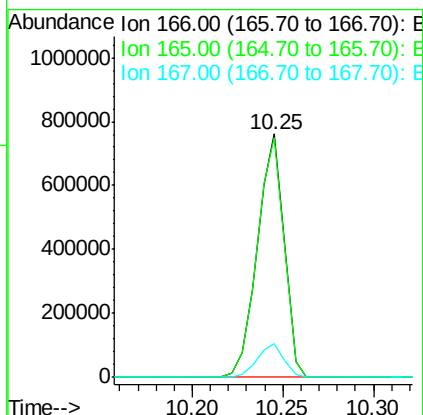
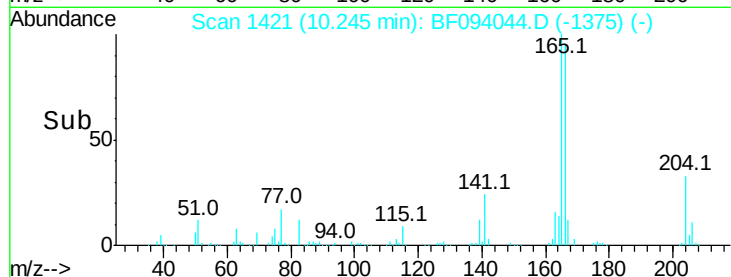
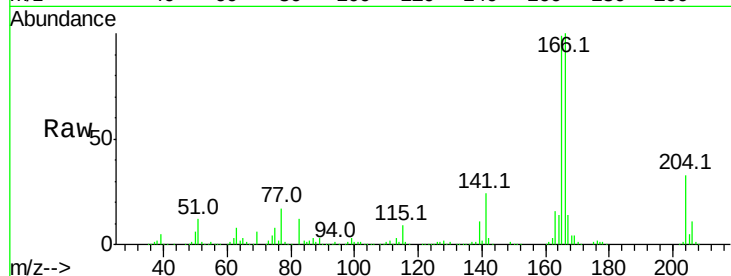




#57
 Fluorene
 Concen: 38.06 ng
 RT: 10.25 min Scan# 1421
 Delta R.T. -0.03 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

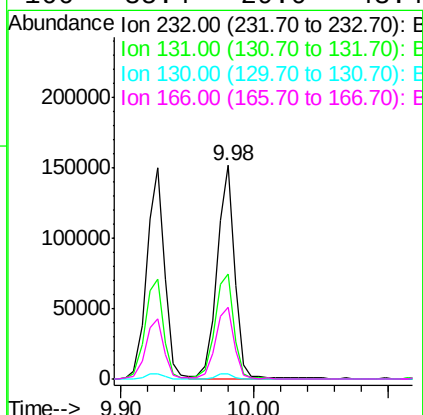
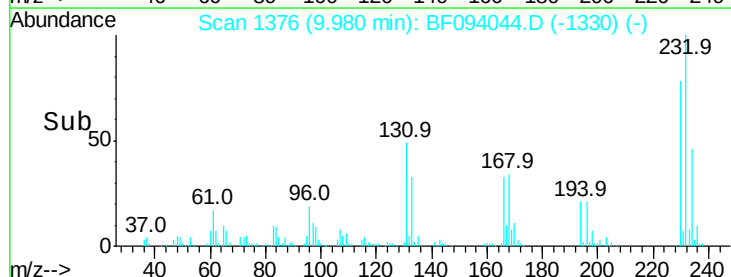
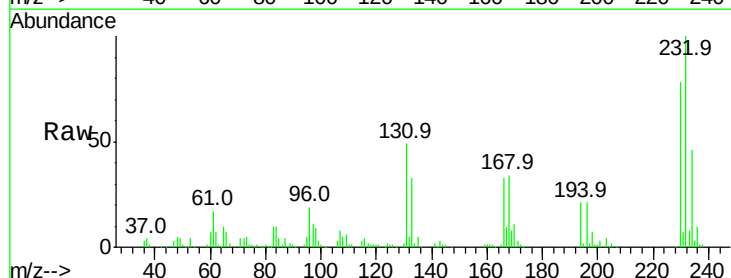
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

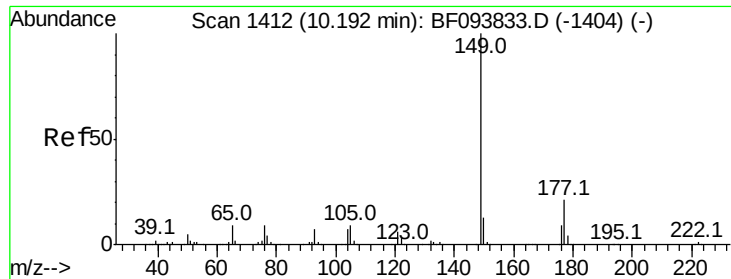
Tot Ion:166 Resp: 779031
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.8 118.2
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.55 ng
 RT: 9.98 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Tgt Ion:232 Resp: 142749
 Ion Ratio Lower Upper
 232 100
 131 52.7 44.8 67.2
 130 2.5 2.3 3.5
 166 35.4 29.0 43.4

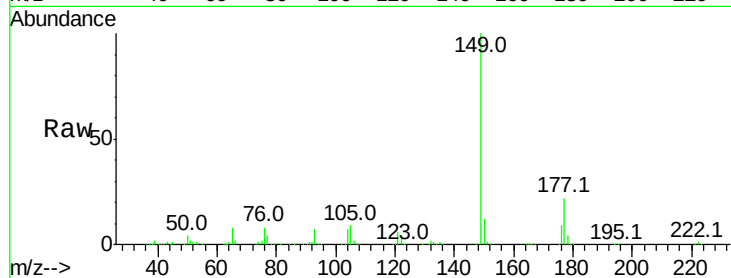




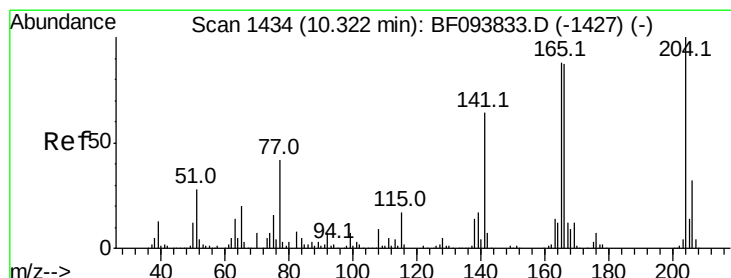
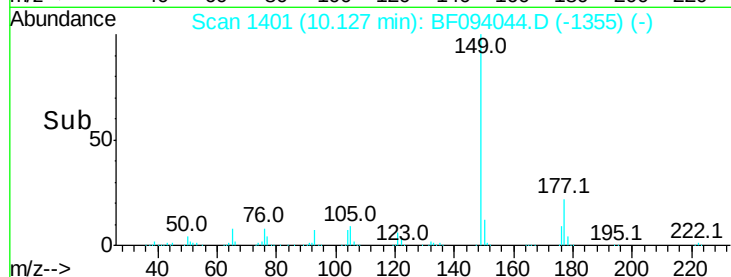
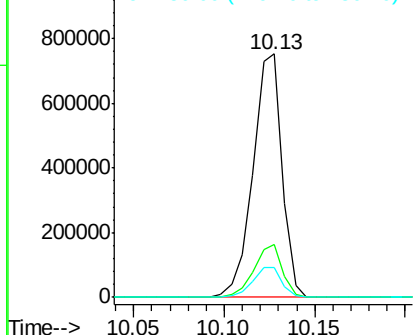
#59
Diethylphthalate
Concen: 40.27 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 837757
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.3 10.2 15.2

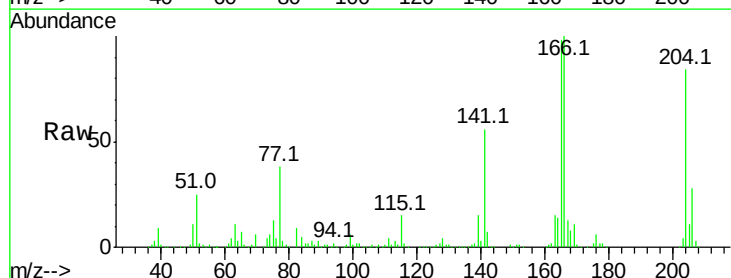


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

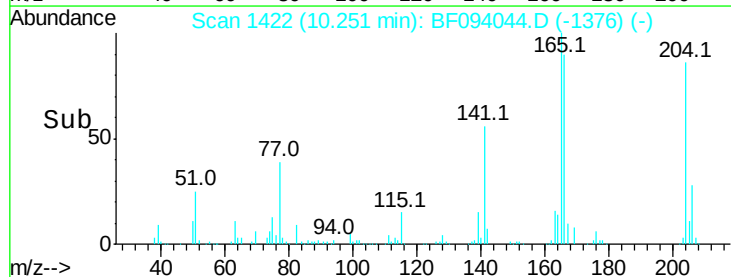
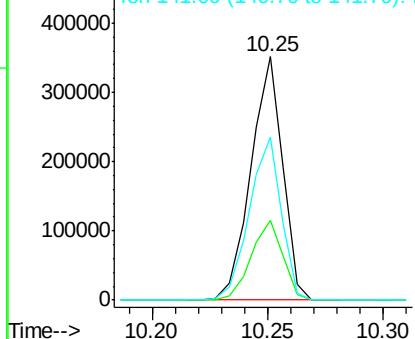


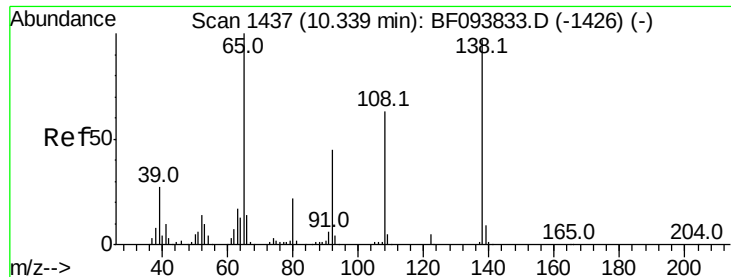
#60
4-Chlorophenyl-phenylether
Concen: 38.66 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt Ion:204 Resp: 337051
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 66.7 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

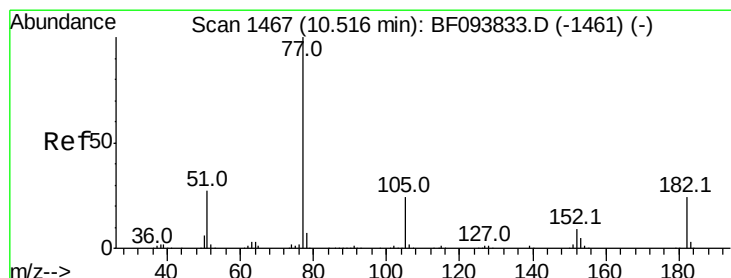
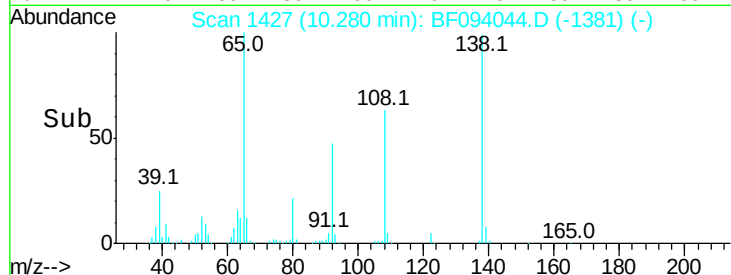
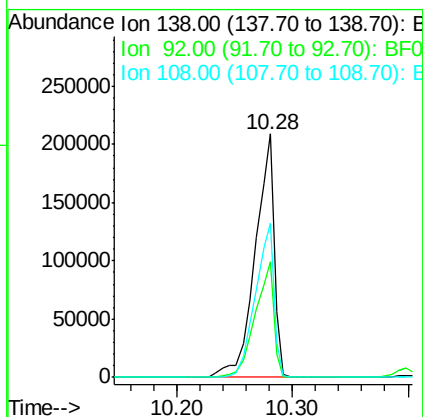
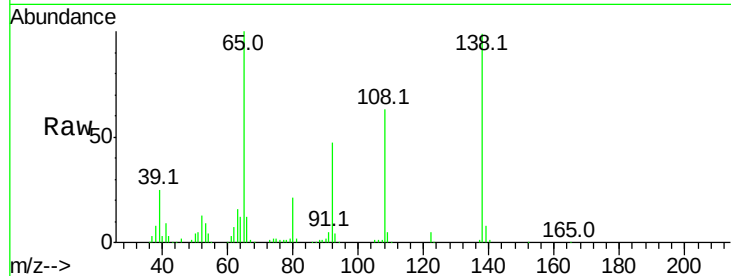




#61
4-Nitroaniline
Concen: 44.51 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

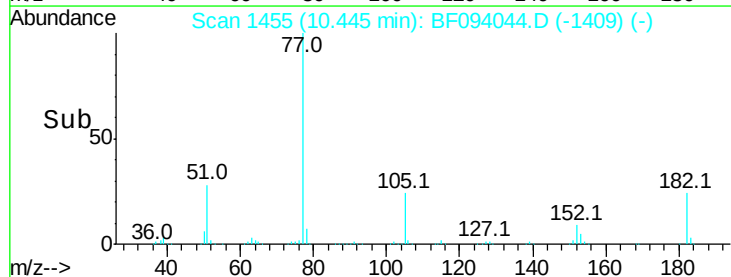
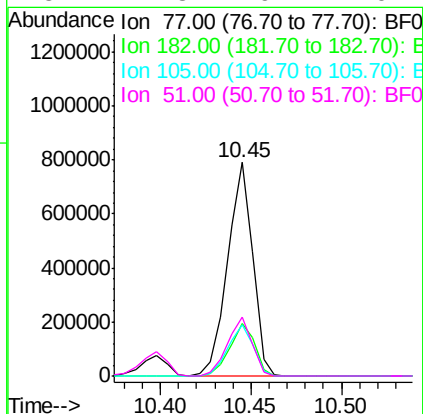
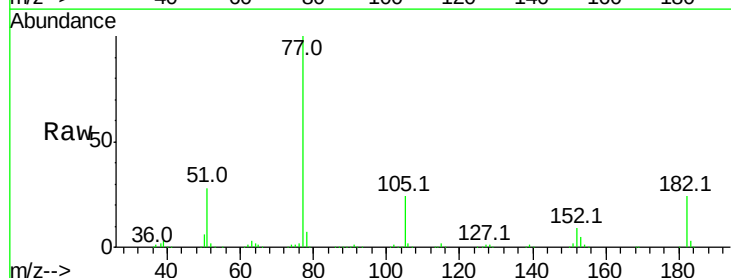
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

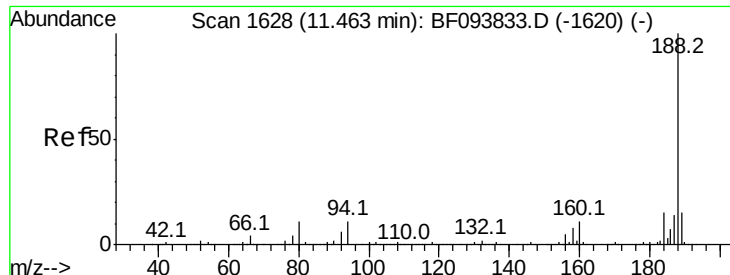
Tot Ion:138 Resp: 241984
Ion Ratio Lower Upper
138 100
92 47.4 21.8 61.8
108 63.5 42.3 82.3



#62
Azobenzene
Concen: 38.54 ng
RT: 10.45 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt Ion: 77 Resp: 758417
Ion Ratio Lower Upper
77 100
182 24.5 0.1 40.1
105 23.8 3.6 43.6
51 27.8 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1616

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

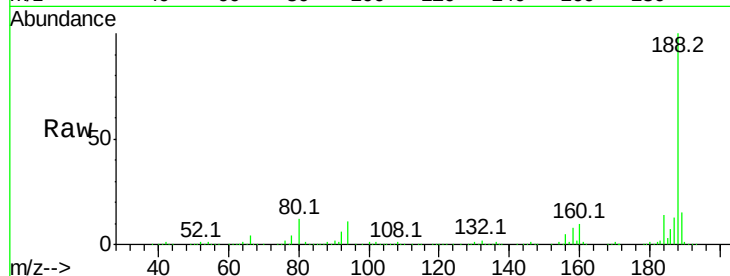
Tot Ion:188 Resp: 500067

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

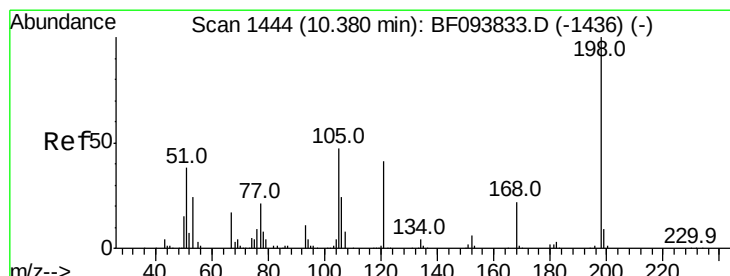
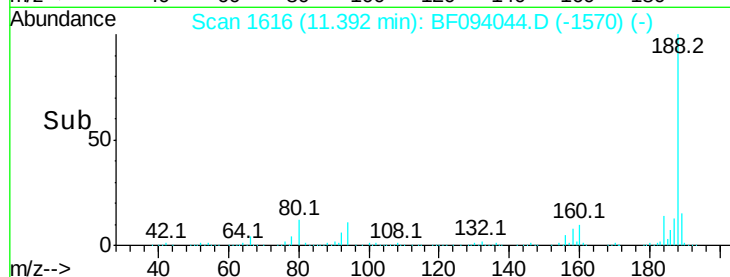
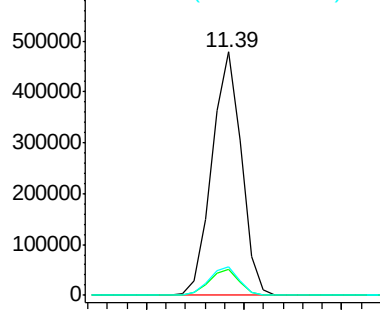
80 11.6 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 7.28 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.04 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

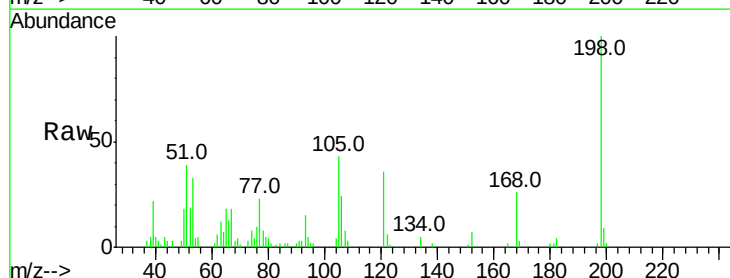
Tgt Ion:198 Resp: 22306

Ion Ratio Lower Upper

198 100

51 39.5 53.2 93.2#

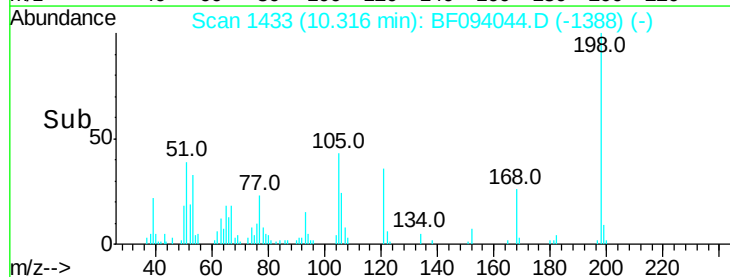
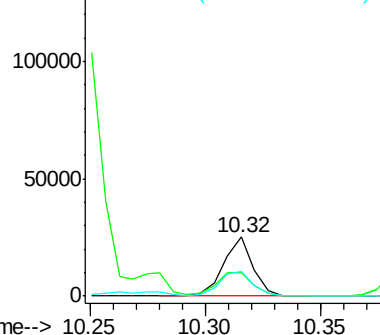
105 42.8 45.8 85.8#

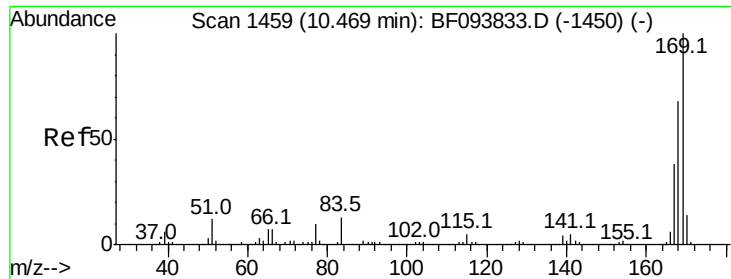


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

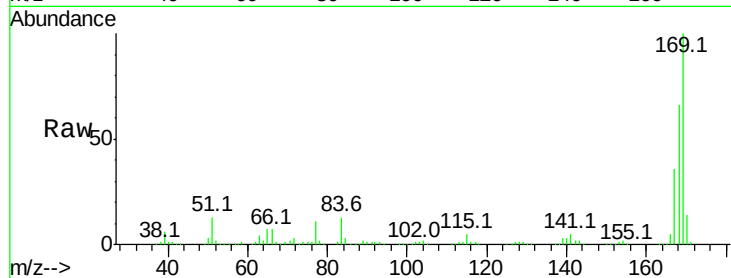




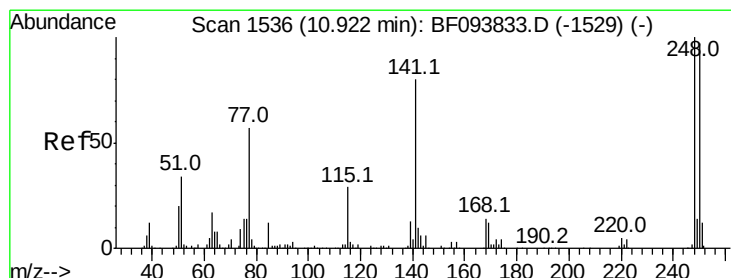
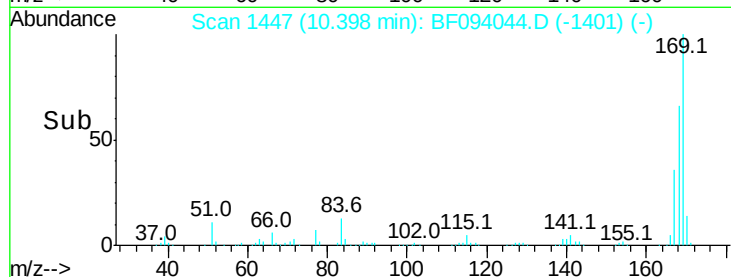
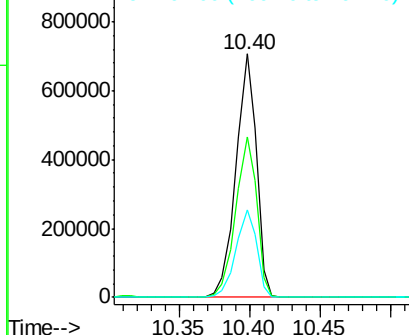
#65
n-Nitrosodiphenylamine
Concen: 41.21 ng
RT: 10.40 min Scan# 1447
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 712725
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 36.2 29.5 44.3

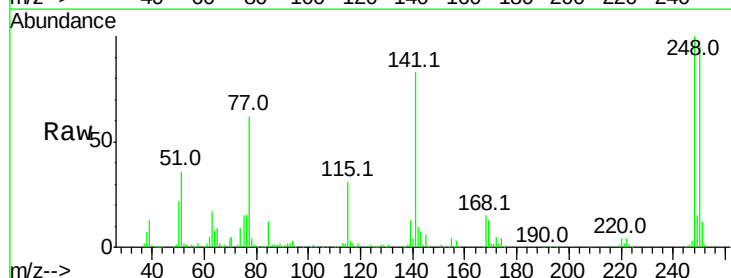


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

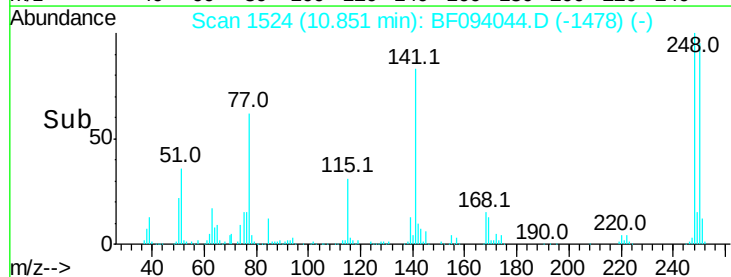
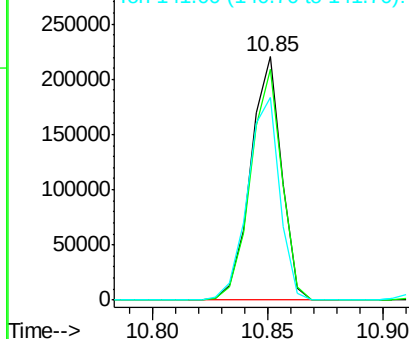


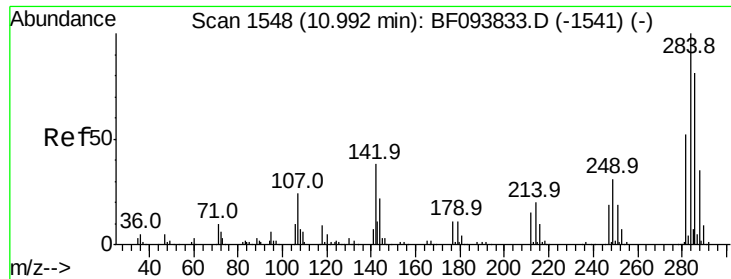
#66
4-Bromophenyl-phenylether
Concen: 41.83 ng
RT: 10.85 min Scan# 1524
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt Ion:248 Resp: 205707
Ion Ratio Lower Upper
248 100
250 95.0 76.8 115.2
141 83.1 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.29 ng

RT: 10.92 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

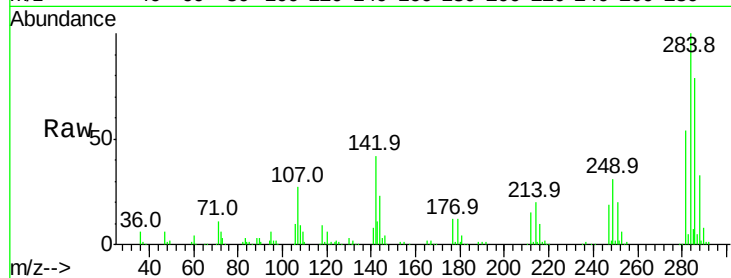
Tot Ion:284 Resp: 205551

Ion Ratio Lower Upper

284 100

142 42.4 22.8 34.2#

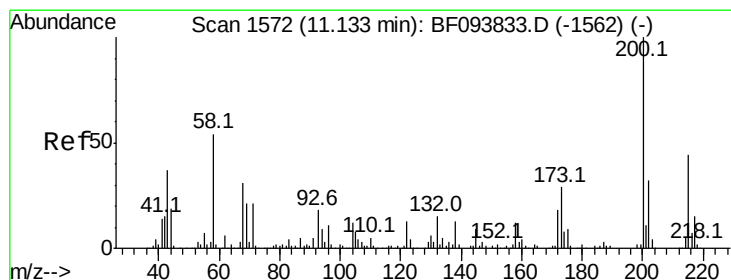
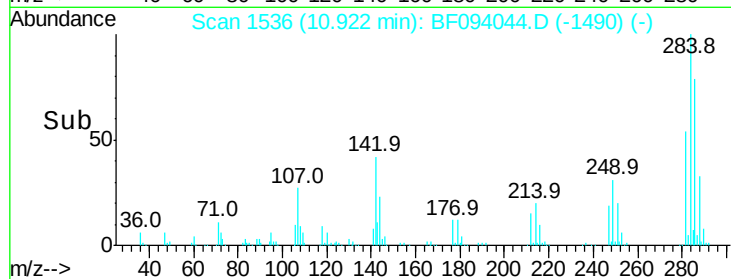
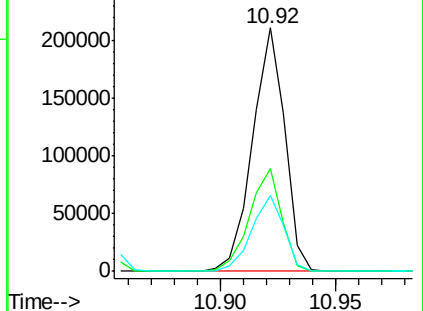
249 31.1 24.0 36.0



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: 39.92 ng

RT: 11.07 min Scan# 1561

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

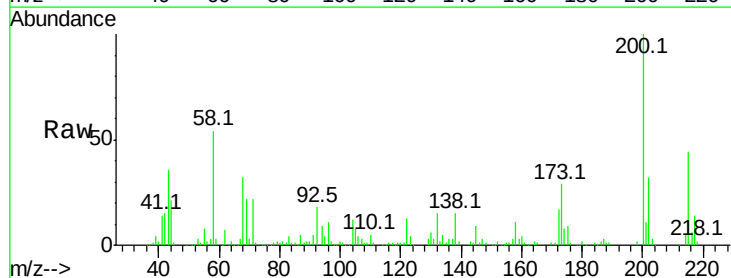
Tgt Ion:200 Resp: 206792

Ion Ratio Lower Upper

200 100

173 28.7 6.3 46.3

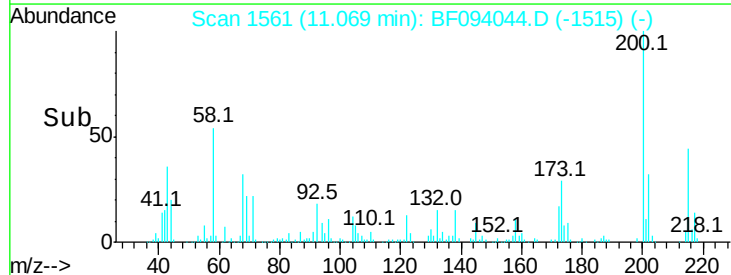
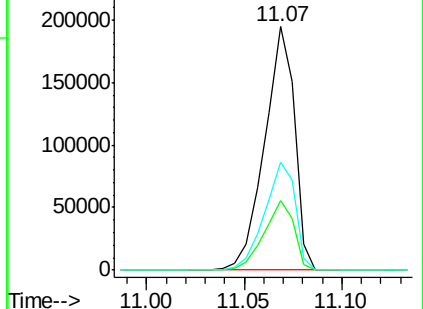
215 44.3 27.2 67.2

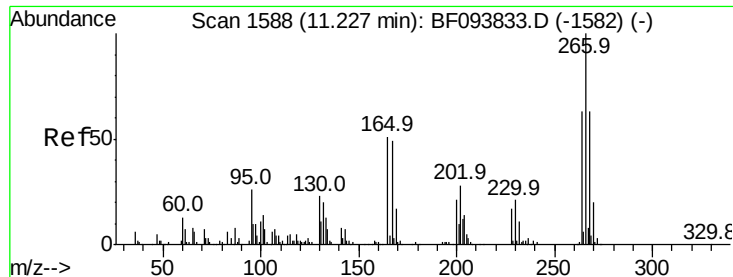


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

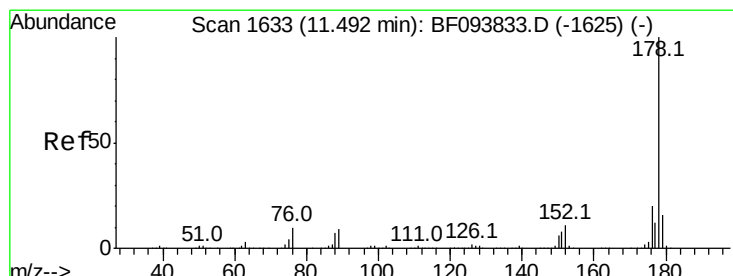
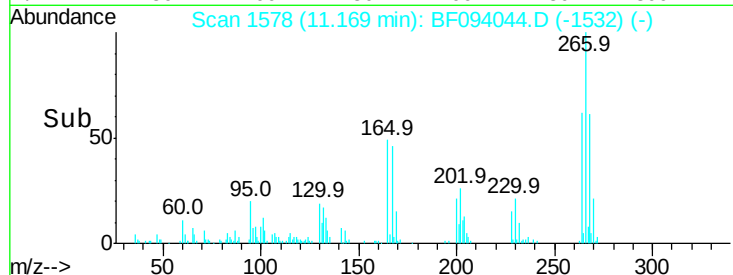
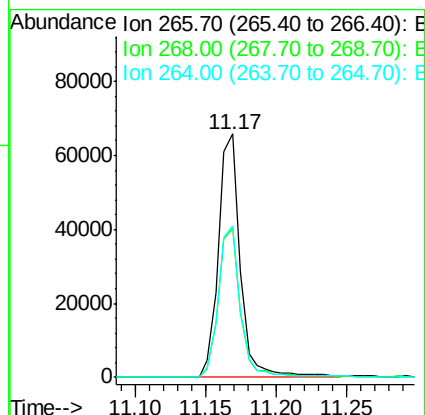
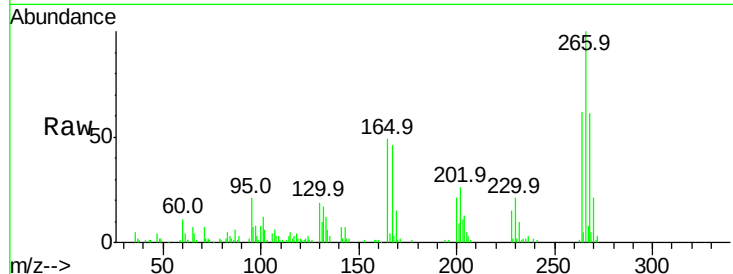




#69
 Pentachlorophenol
 Concen: 23.06 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

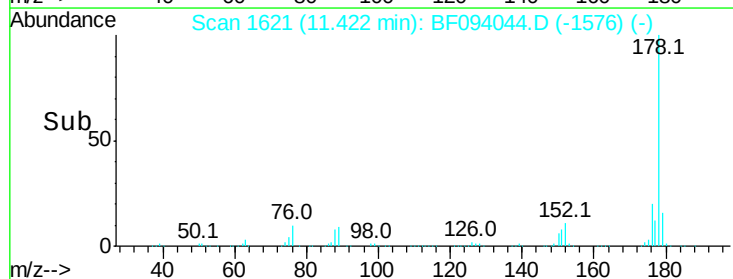
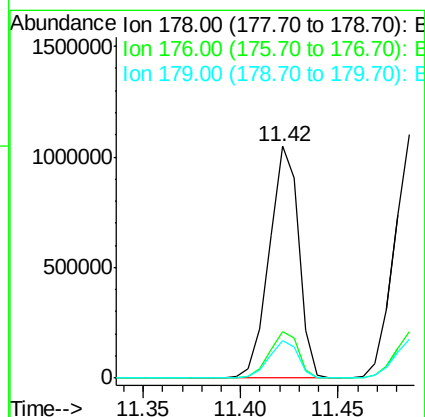
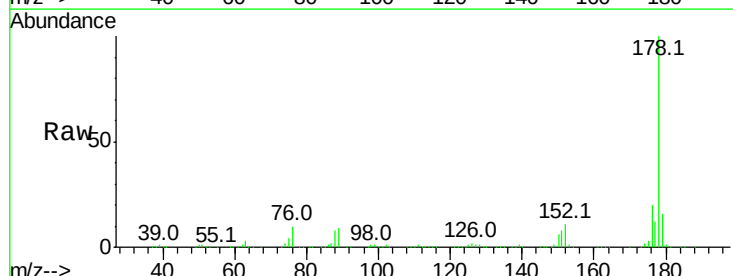
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

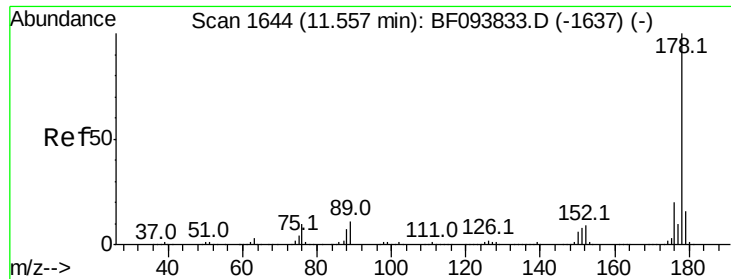
Tot Ion:266 Resp: 71449
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.1 76.7
 264 62.0 51.7 77.5



#70
 Phenanthrene
 Concen: 39.33 ng
 RT: 11.42 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Tgt Ion:178 Resp: 1094086
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 16.3 12.6 19.0

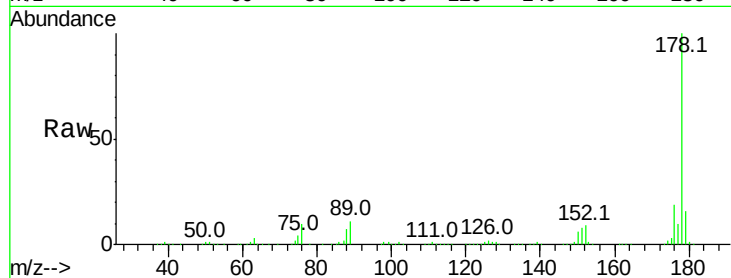




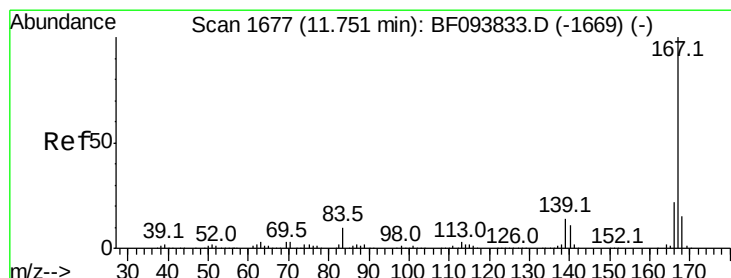
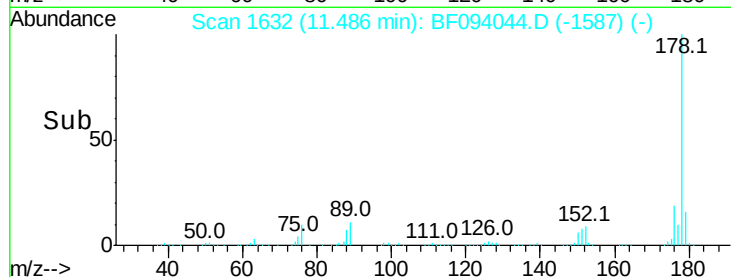
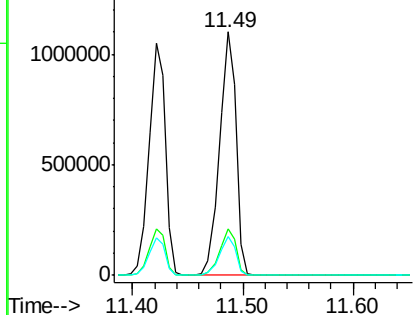
#71
 Anthracene
 Concen: 39.93 ng
 RT: 11.49 min Scan# 1632
 Delta R.T. -0.04 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1143578
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 16.1 12.7 19.1

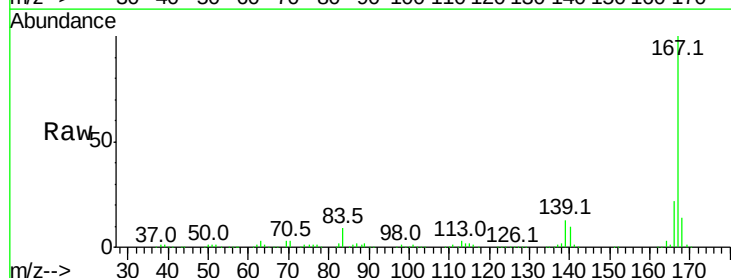


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

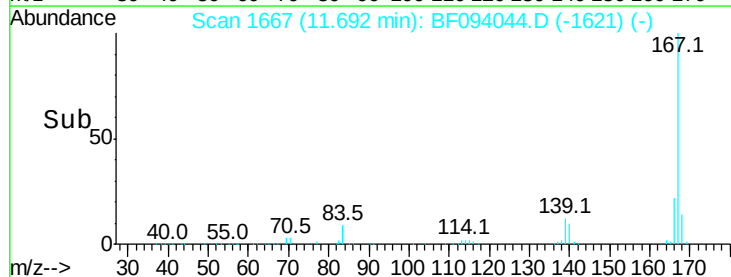
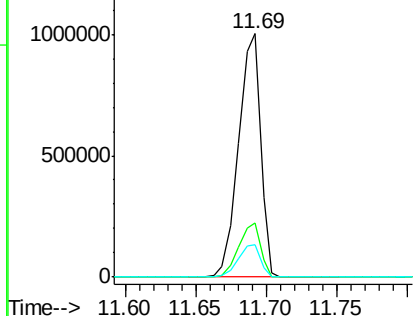


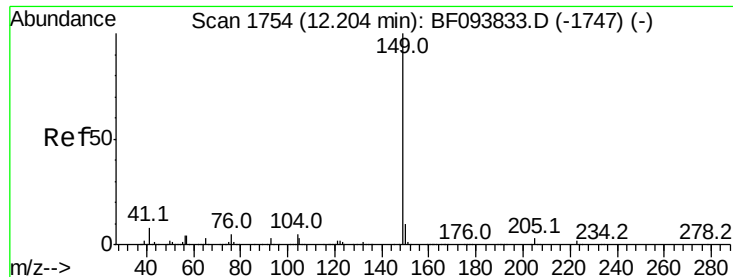
#72
 Carbazole
 Concen: 37.36 ng
 RT: 11.69 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Tgt Ion:167 Resp: 1097352
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.2 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.45 ng

RT: 12.14 min Scan# 1743

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

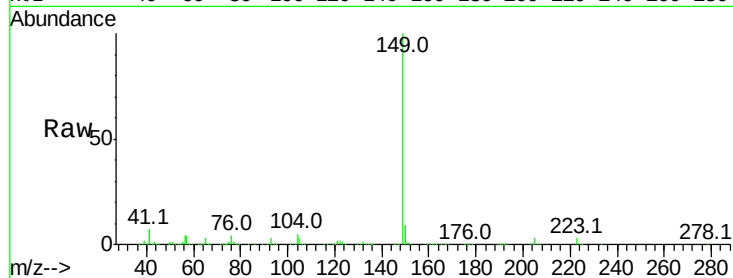
Tot Ion:149 Resp: 1266075

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

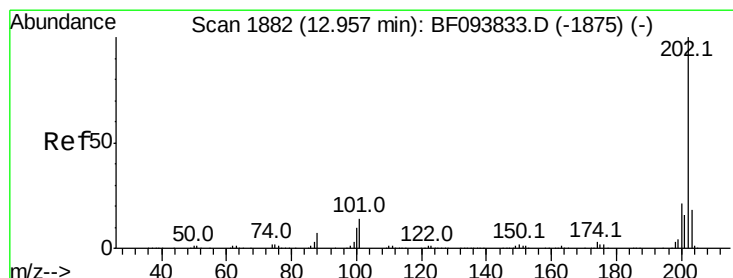
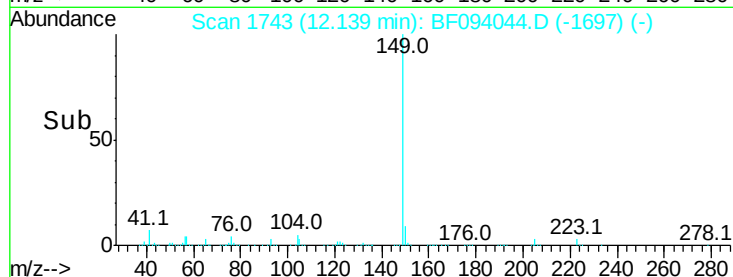
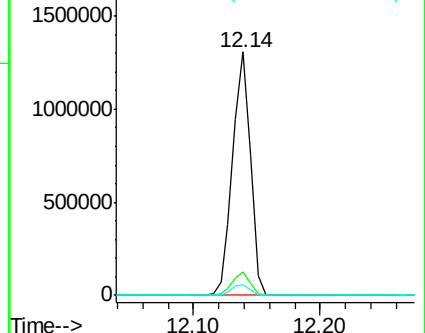
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.39 ng

RT: 12.89 min Scan# 1870

Delta R.T. -0.04 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

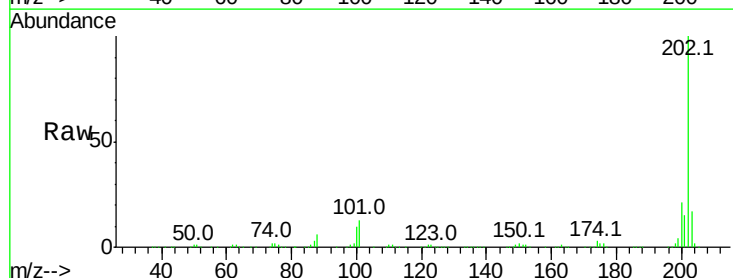
Tgt Ion:202 Resp: 1036481

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

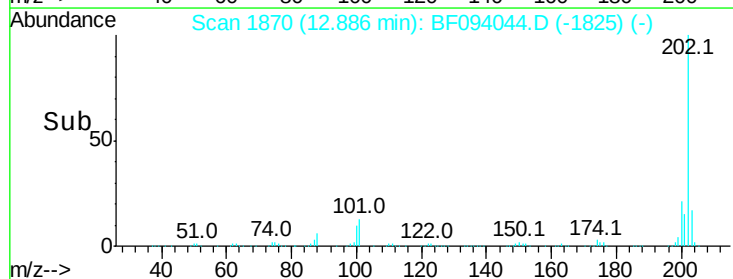
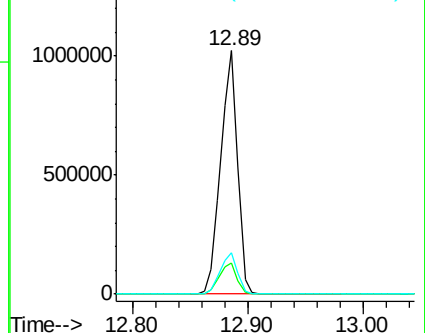
203 17.2 0.0 38.1

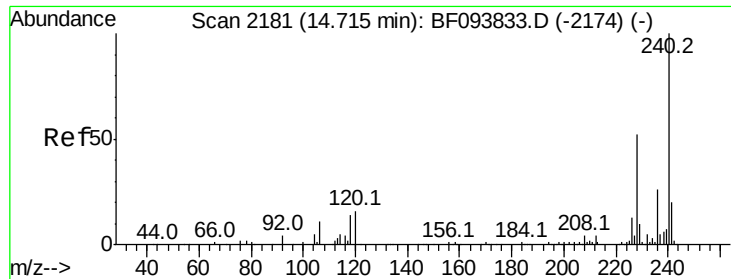


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

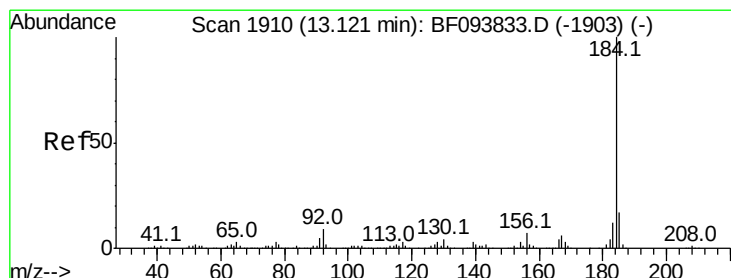
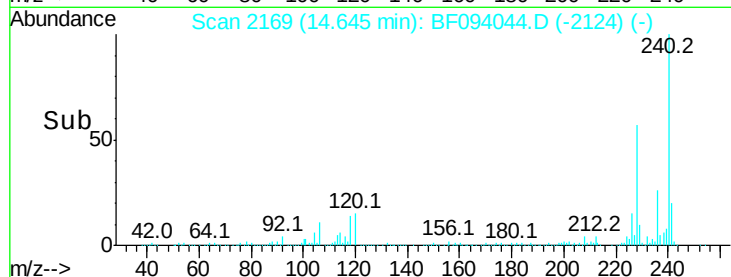
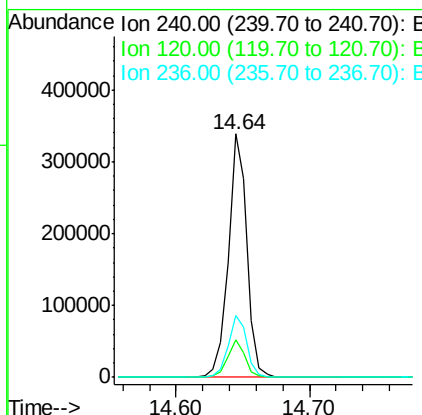
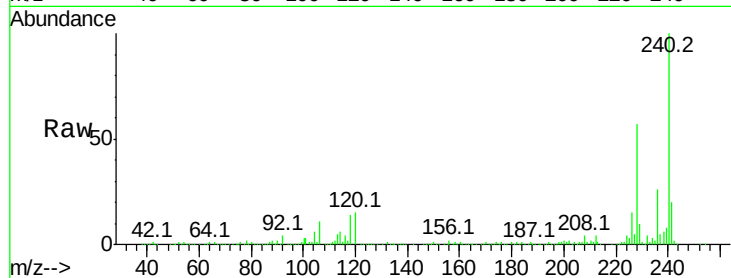




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

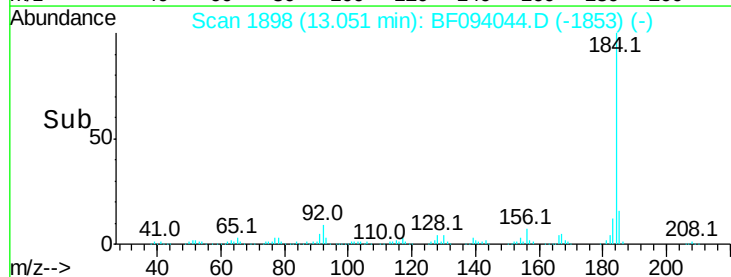
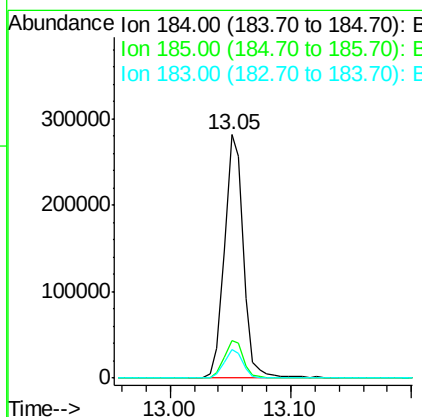
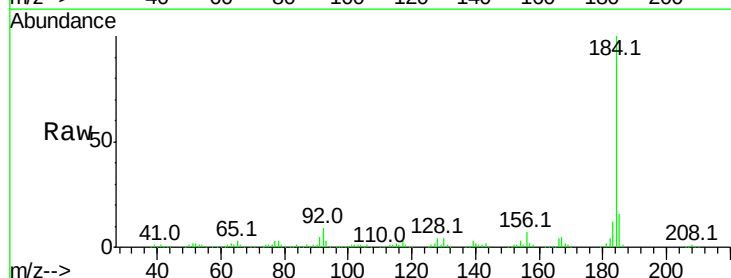
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

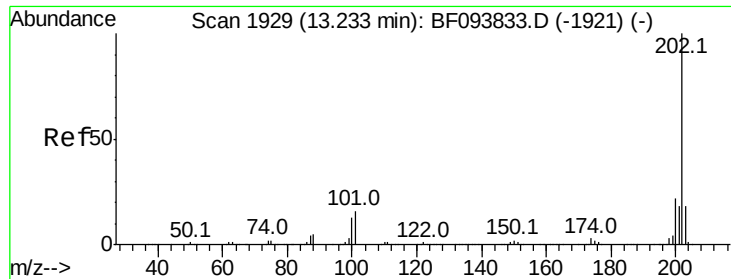
Tot Ion:240 Resp: 330175
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 25.6 20.5 30.7



#76
Benzidine
Concen: 23.34 ng
RT: 13.05 min Scan# 1898
Delta R.T. -0.04 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt Ion:184 Resp: 304937
Ion Ratio Lower Upper
184 100
185 15.7 15.5 23.3
183 11.8 9.8 14.6

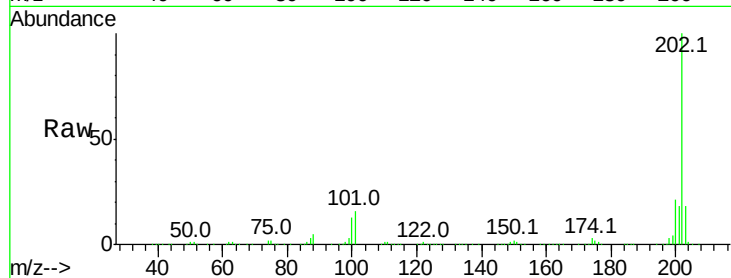




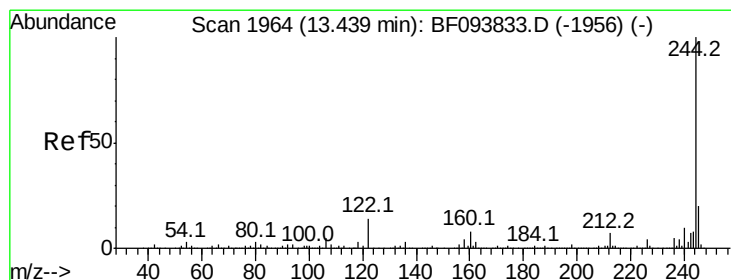
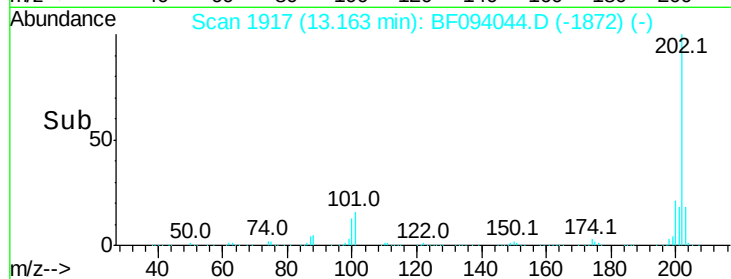
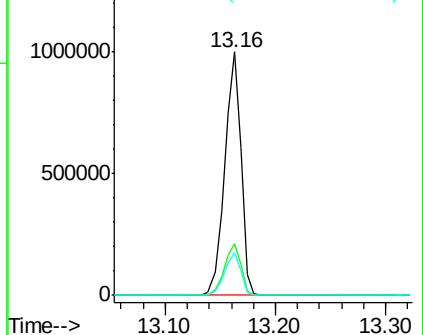
#77
Pvrene
Concen: 42.87 ng
RT: 13.16 min Scan# 1917
Delta R.T. -0.04 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1027147
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 17.6 14.4 21.6

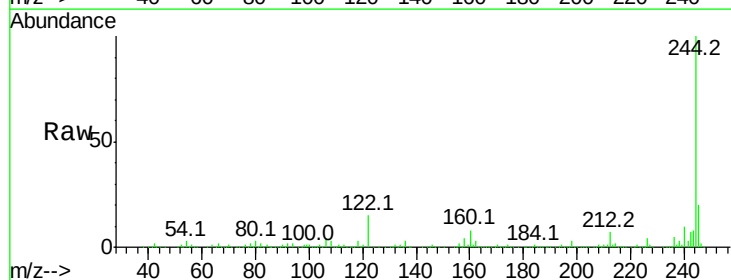


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

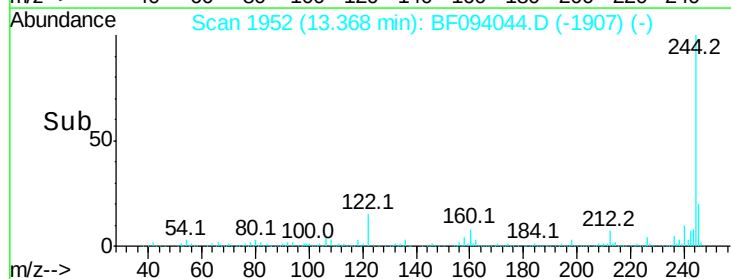
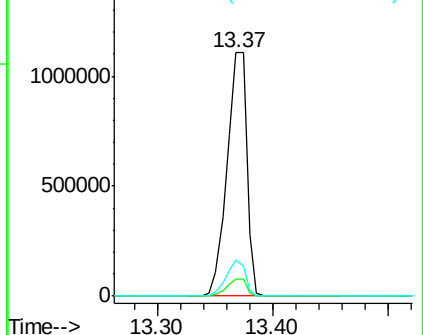


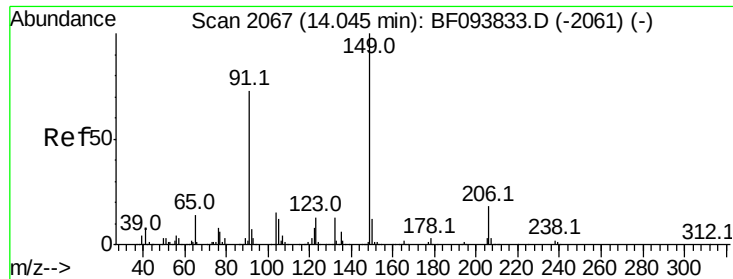
#78
Terphenyl-d14
Concen: 89.41 ng
RT: 13.37 min Scan# 1952
Delta R.T. -0.04 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt Ion:244 Resp: 1317086
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 15.0 10.3 15.5



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

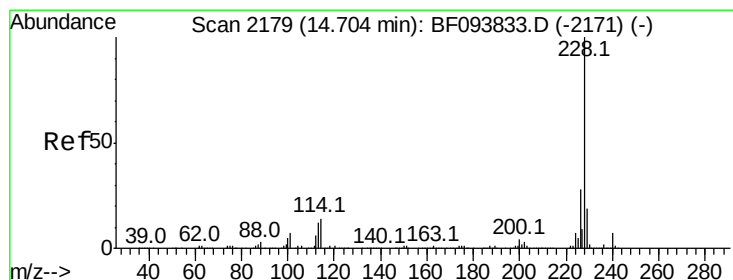
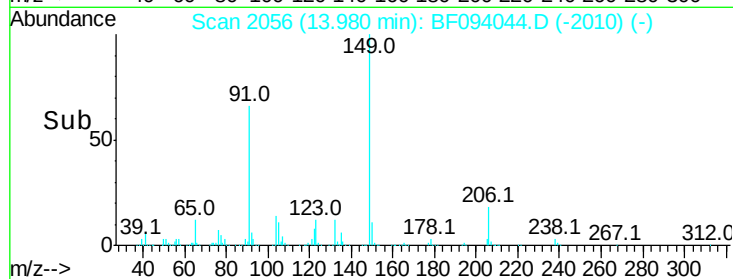
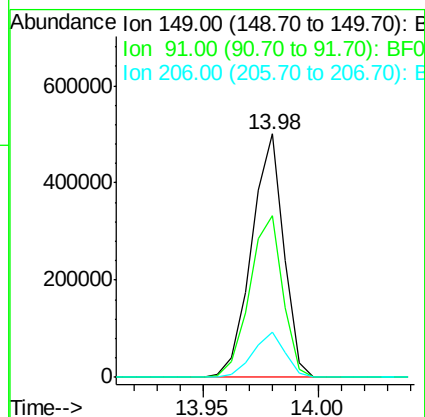
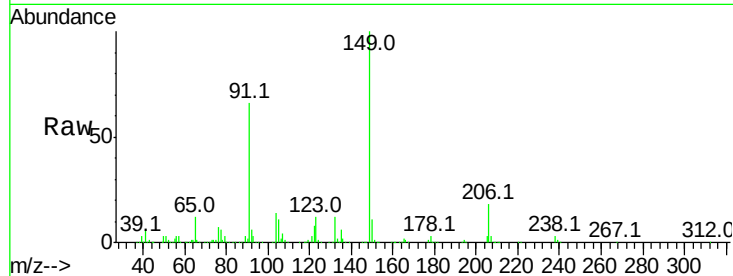




#79
Butylbenzylphthalate
Concen: 47.73 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

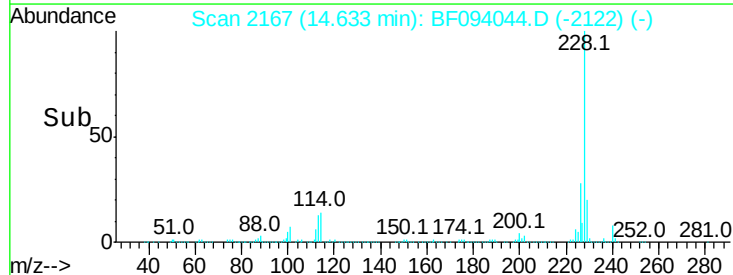
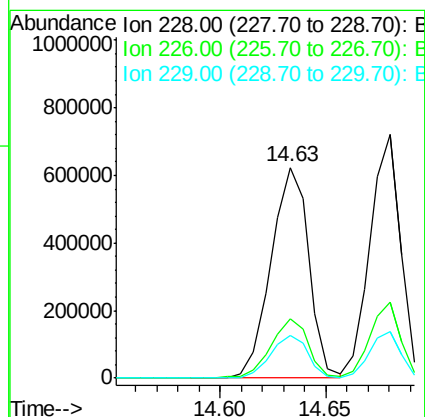
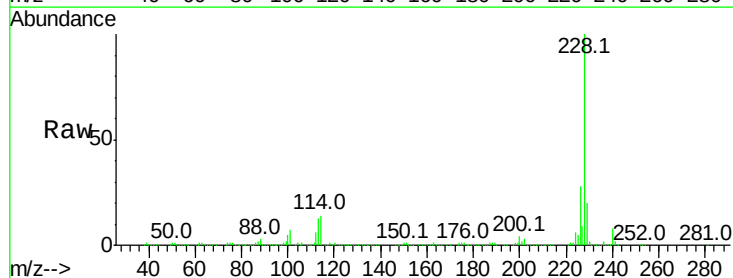
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

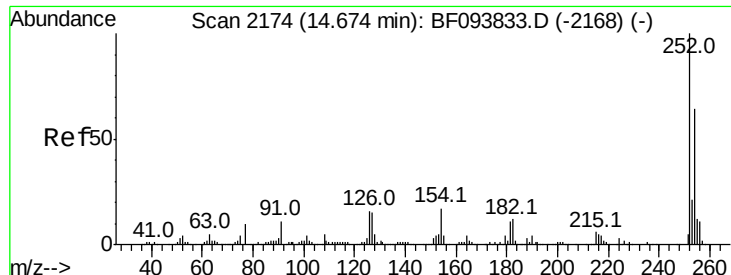
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.5	45.0	67.4
206	18.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 40.46 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.1	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 37.92 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

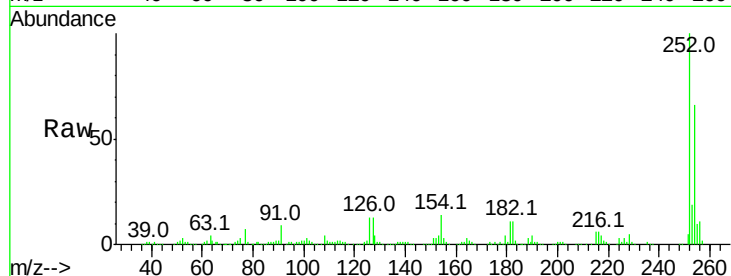
Tot Ion:252 Resp: 260977

Ion Ratio Lower Upper

252 100

254 65.6 51.5 77.3

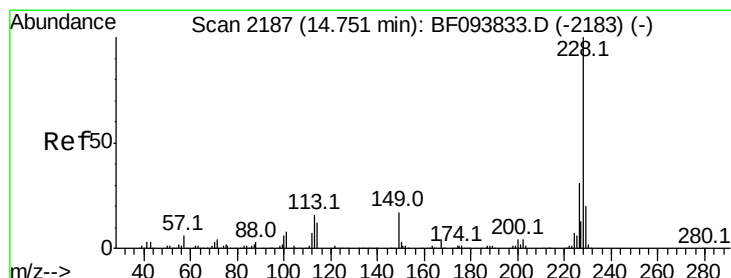
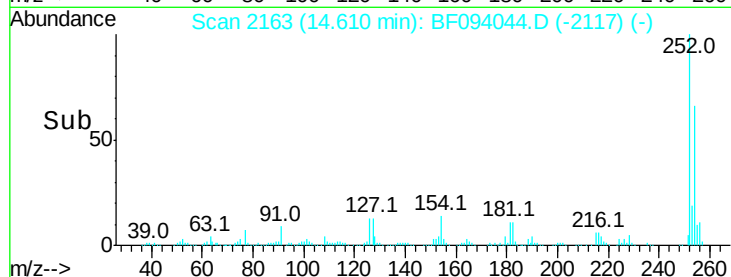
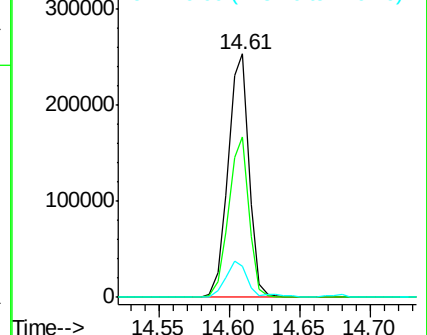
126 13.0 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 41.08 ng

RT: 14.68 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

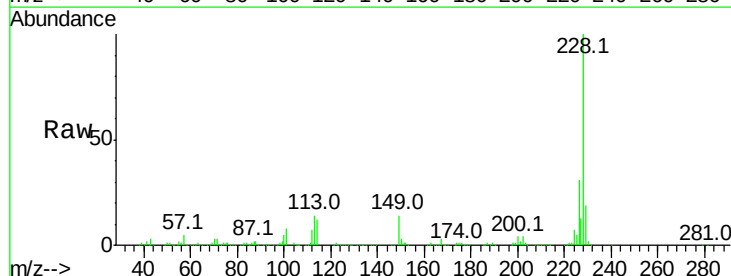
Tgt Ion:228 Resp: 734032

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

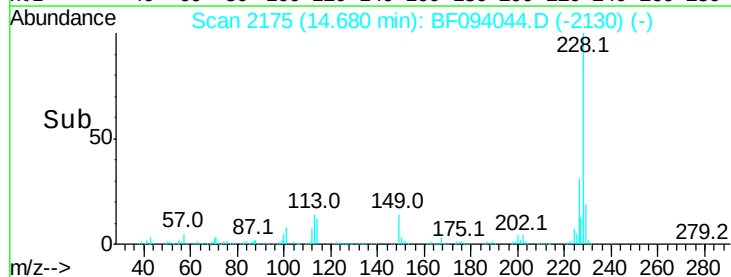
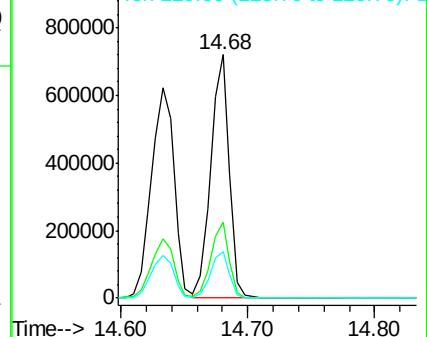
229 18.9 15.8 23.6

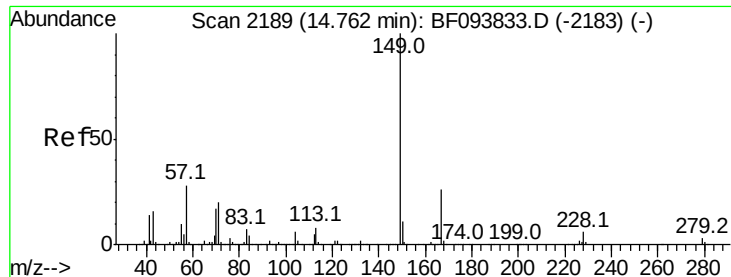


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.28 ng

RT: 14.69 min Scan# 2177

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

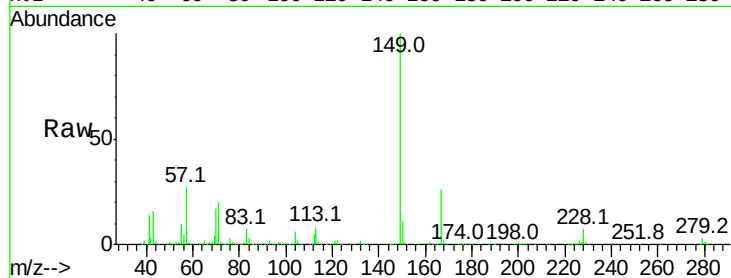
Tot Ion:149 Resp: 700317

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

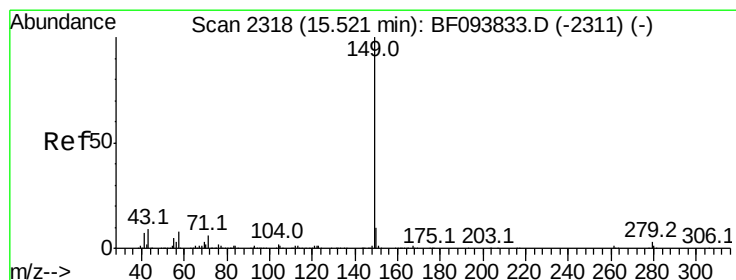
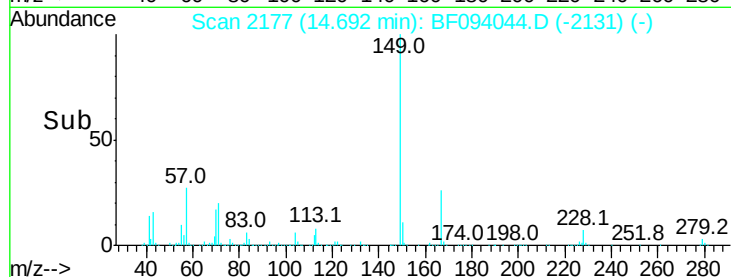
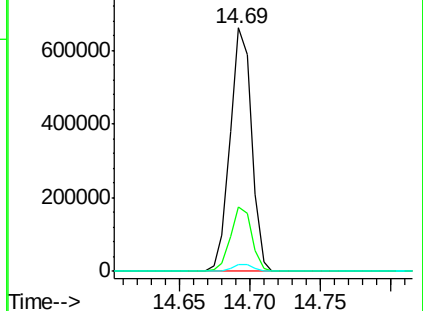
279 2.8 1.9 2.9



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: 46.16 ng

RT: 15.45 min Scan# 2306

Delta R.T. -0.03 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

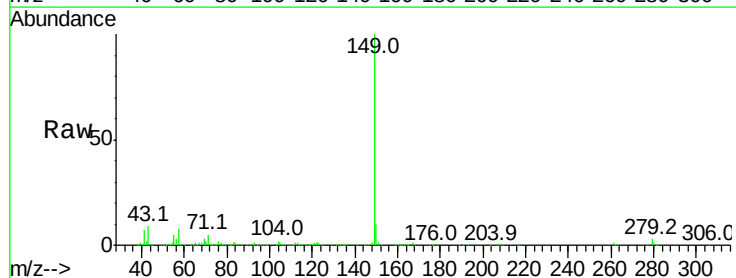
Tgt Ion:149 Resp: 1074178

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

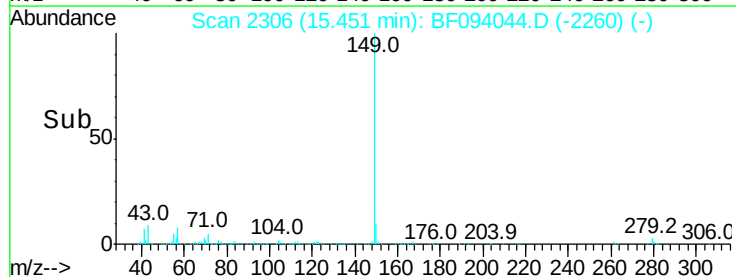
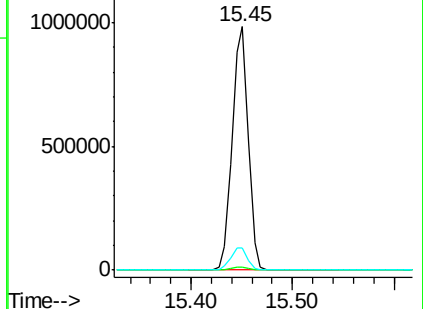
43 9.7 8.5 12.7

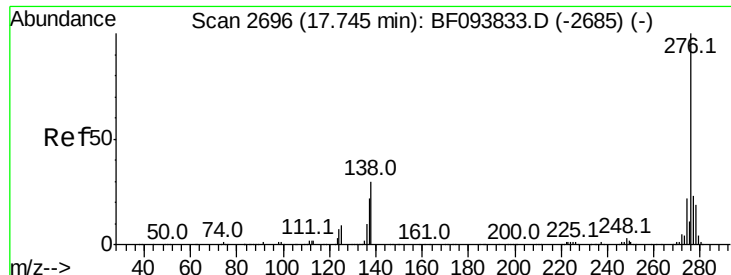


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

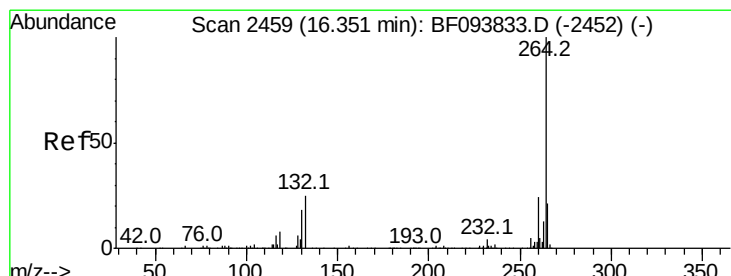
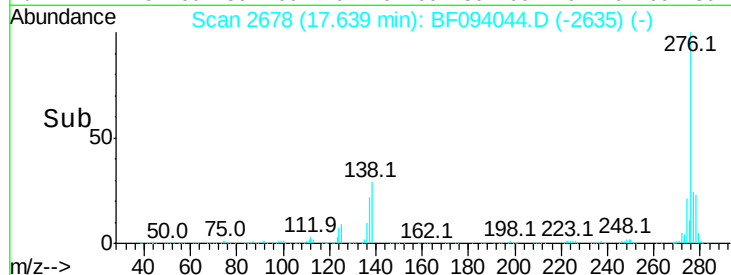
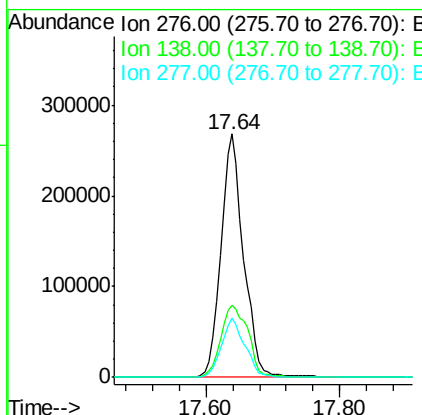
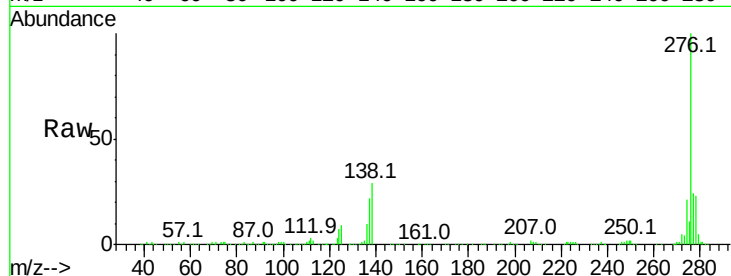




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.34 ng
 RT: 17.64 min Scan# 2678
 Delta R.T. -0.05 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

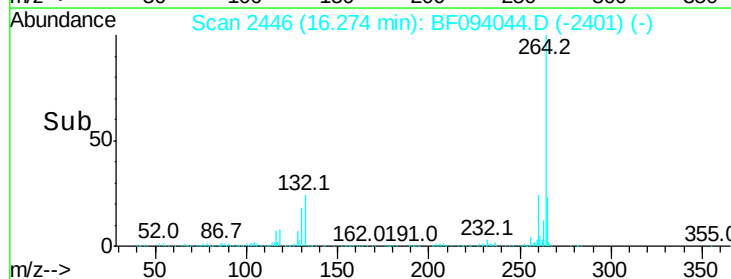
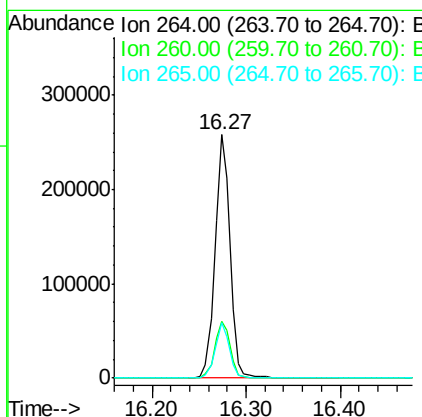
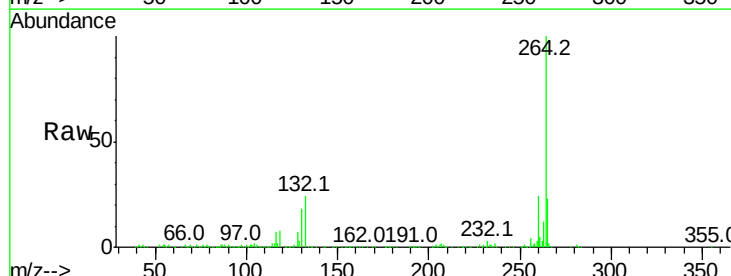
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

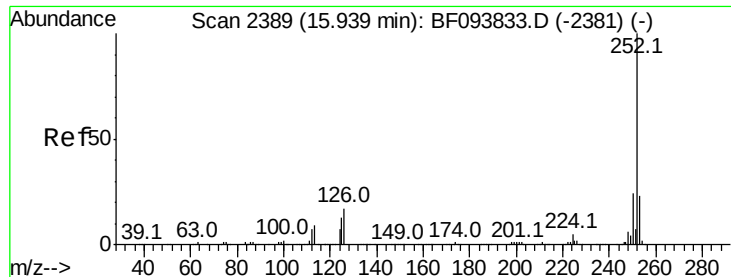
Tot Ion:276 Resp: 639632
 Ion Ratio Lower Upper
 276 100
 138 35.8 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094044.D
 Acq: 30 Mar 2017 4:52

Tgt Ion:264 Resp: 290628
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 22.6 17.2 25.8

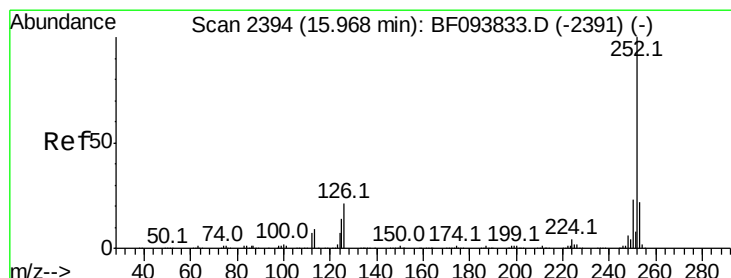
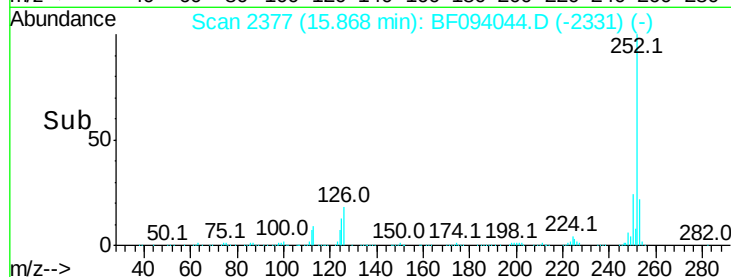
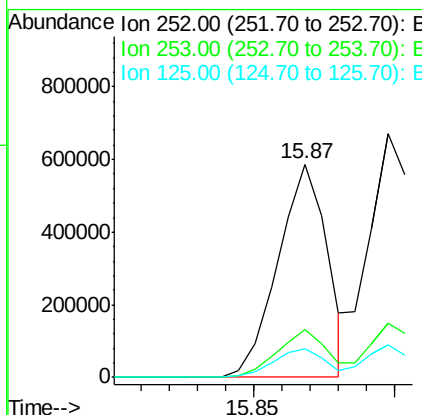
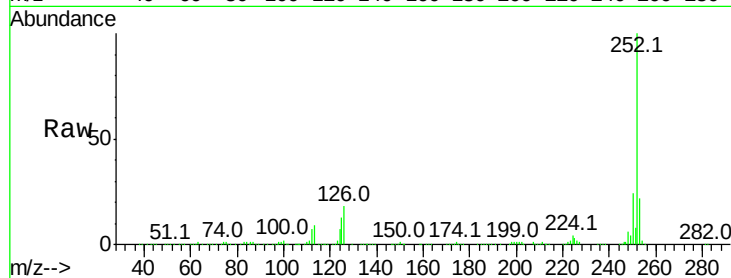




#87
Benzo(b)fluoranthene
Concen: 39.81 ng
RT: 15.87 min Scan# 2377
Delta R.T. -0.03 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

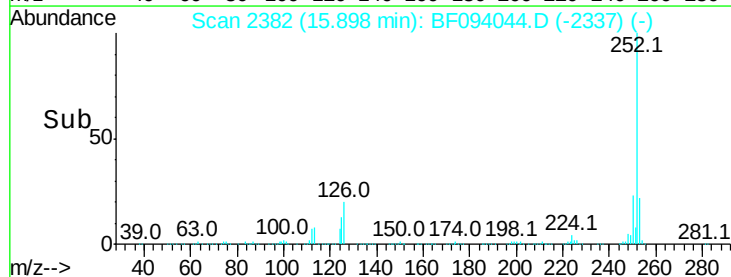
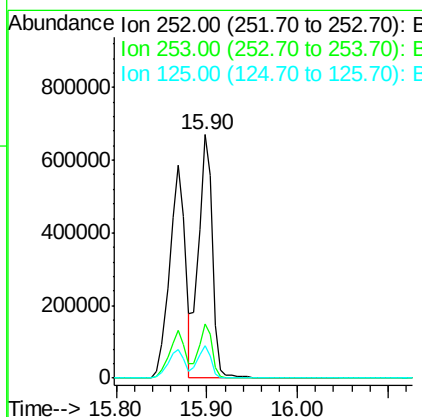
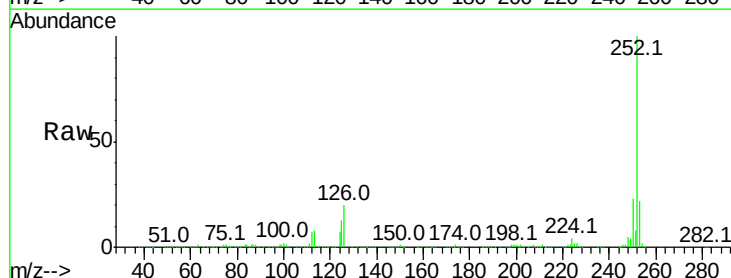
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

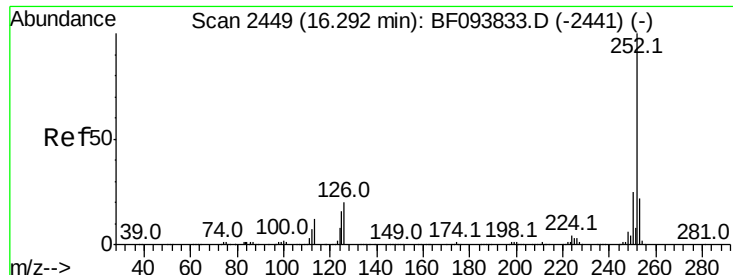
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.4	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 41.05 ng
RT: 15.90 min Scan# 2382
Delta R.T. -0.04 min
Lab File: BF094044.D
Acq: 30 Mar 2017 4:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.5	13.1	19.7





#89

Benzo(a)pyrene

Concen: 41.08 ng

RT: 16.22 min Scan# 2436

Delta R.T. -0.04 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

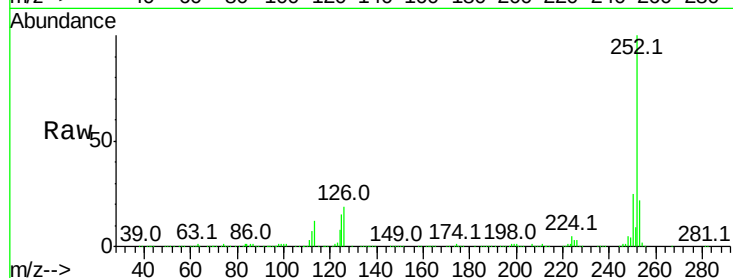
Tot Ion:252 Resp: 673852

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

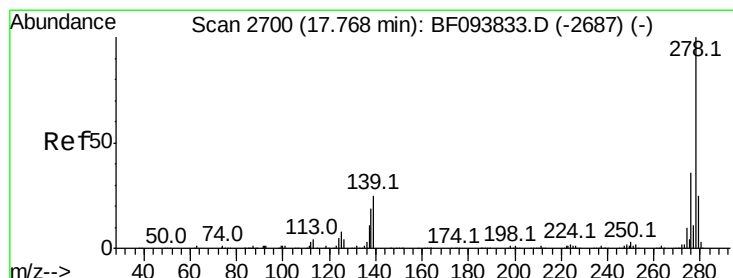
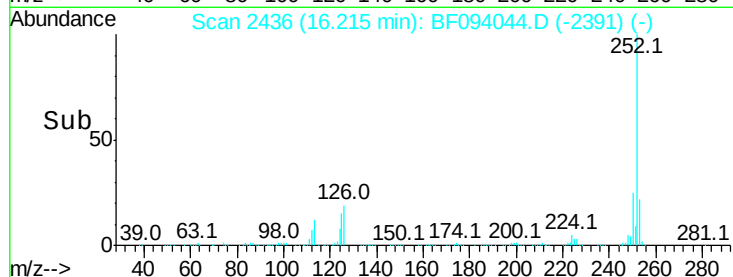
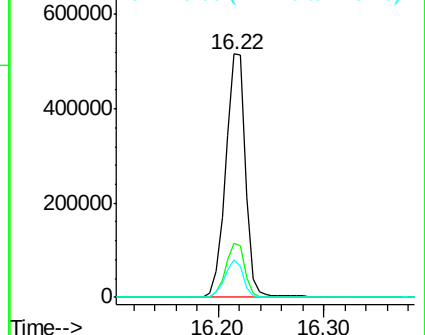
125 15.5 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.49 ng

RT: 17.66 min Scan# 2682

Delta R.T. -0.05 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

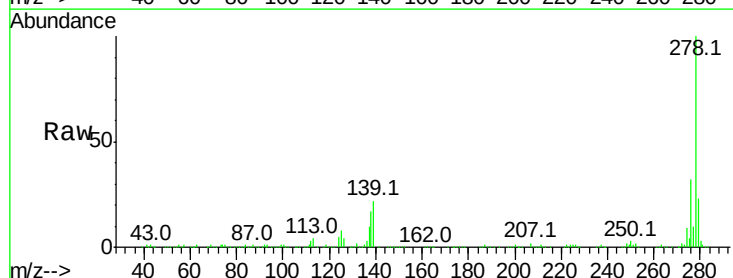
Tgt Ion:278 Resp: 548594

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

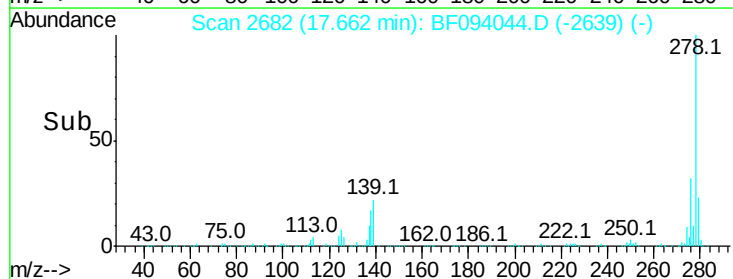
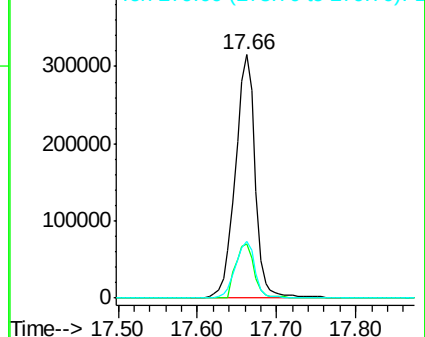
279 23.2 19.3 28.9

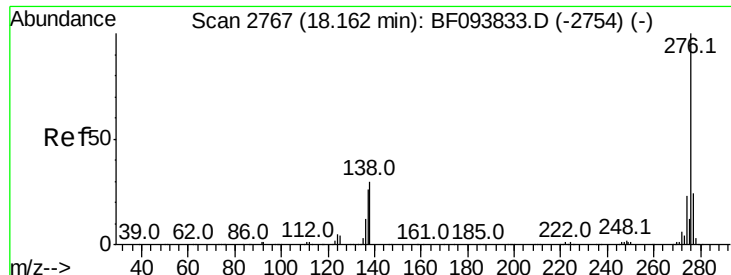


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.60 ng

RT: 18.04 min Scan# 2746

Delta R.T. -0.06 min

Lab File: BF094044.D

Acq: 30 Mar 2017 4:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

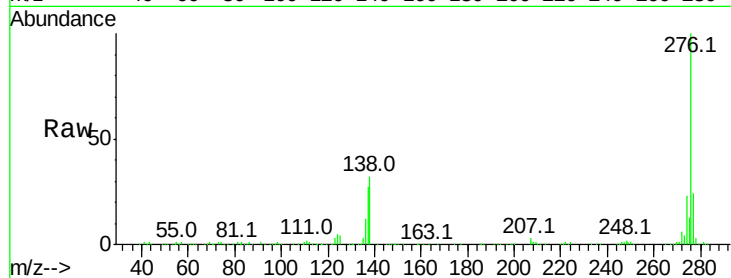
Tot Ion:276 Resp: 512487

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 31.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

