

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093855.D
 Acq On : 23 Mar 2017 2:13
 Operator : SJ/MA
 Sample : PB97750BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

Quant Time: Mar 23 03:47:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	193509	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	799317	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	362593	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	616743	20.00	ng	0.00
75) Chrysene-d12	14.72	240	482501	20.00	ng	0.00
86) Perylene-d12	16.35	264	391885	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.52	112	957495	83.57	ng	0.01
7) Phenol-d6	5.57	99	1208423	85.26	ng	0.00
23) Nitrobenzene-d5	6.63	82	1089590	77.79	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	245278	85.60	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	2002452	84.23	ng	0.00
78) Terphenyl-d14	13.44	244	1535989	71.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	190564	34.62	ng	99
3) Pyridine	2.91	79	549989	36.66	ng	99
4) n-Nitrosodimethylamine	2.88	42	244077	39.54	ng	91
6) Aniline	5.60	93	174896	8.87	ng	97
8) 2-Chlorophenol	5.75	128	532622	42.29	ng	97
9) Benzaldehyde	5.47	77	162896	17.02	ng	100
10) Phenol	5.59	94	636545	39.47	ng	87
11) bis(2-Chloroethyl)ether	5.69	93	494486	39.23	ng	100
12) 1,3-Dichlorobenzene	5.92	146	555775	39.34	ng	100
13) 1,4-Dichlorobenzene	6.00	146	560362	39.17	ng	97
14) 1,2-Dichlorobenzene	6.18	146	521358	39.57	ng	98
15) Benzyl Alcohol	6.15	79	440964	42.51	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.32	45	747624	38.49	ng	98
17) 2-Methylphenol	6.28	107	447767	41.52	ng	97
18) Hexachloroethane	6.58	117	201442	40.06	ng	# 86
19) n-Nitroso-di-n-propylamine	6.47	70	368128	40.41	ng	95
20) 3+4-Methylphenols	6.46	107	532707	40.78	ng	# 88
22) Acetophenone	6.46	105	709243	39.81	ng	# 97
24) Nitrobenzene	6.66	77	539438	39.05	ng	94
25) Isophorone	6.95	82	1001198	40.68	ng	96
26) 2-Nitrophenol	7.03	139	288515	43.80	ng	96
27) 2,4-Dimethylphenol	7.09	122	489960	43.16	ng	97
28) bis(2-Chloroethoxy)methane	7.20	93	650547	40.08	ng	99
29) 2,4-Dichlorophenol	7.32	162	454760	42.85	ng	99
30) 1,2,4-Trichlorobenzene	7.43	180	444592	40.67	ng	97
31) Naphthalene	7.52	128	1498467	38.99	ng	100
32) Benzoic acid	7.25	122	343145	45.41	ng	98
33) 4-Chloroaniline	7.57	127	62302	4.00	ng	96
34) Hexachlorobutadiene	7.67	225	224432	40.04	ng	97
35) Caprolactam	8.02	113	85458	25.25	ng	94
36) 4-Chloro-3-methylphenol	8.19	107	471630	42.53	ng	90
37) 2-Methylnaphthalene	8.36	142	1058440	41.31	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	372030	37.51	ng	99
40) Hexachlorocyclopentadiene	8.56	237	430967	92.85	ng	99

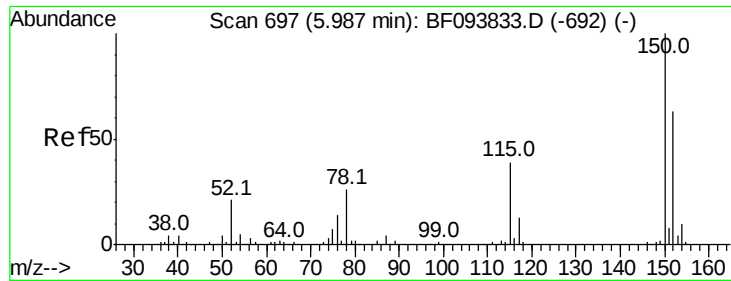
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093855.D
 Acq On : 23 Mar 2017 2:13
 Operator : SJ/MA
 Sample : PB97750BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

Quant Time: Mar 23 03:47:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.71	196	313106	44.62	nq	98
43) 2,4,5-Trichlorophenol	8.75	196	294554	38.79	nq	96
45) 1,1'-Biphenyl	8.94	154	1173516	40.13	nq	98
46) 2-Chloronaphthalene	8.96	162	922962	40.31	nq	96
47) 2-Nitroaniline	9.07	65	263916	38.86	nq	90
48) Acenaphthylene	9.46	152	1461560	38.41	nq	100
49) Dimethylphthalate	9.32	163	1067764	41.43	nq	100
50) 2,6-Dinitrotoluene	9.39	165	239212	40.49	nq	92
51) Acenaphthene	9.68	154	883116	39.78	nq	97
52) 3-Nitroaniline	9.57	138	39113	5.64	nq	97
53) 2,4-Dinitrophenol	9.72	184	246513	78.08	nq	# 73
54) Dibenzofuran	9.89	168	1277025	42.25	nq	99
55) 4-Nitrophenol	9.80	139	422610	77.78	nq	# 68
56) 2,4-Dinitrotoluene	9.88	165	308166	41.52	nq	# 80
57) Fluorene	10.32	166	925087	36.91	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	226839	43.54	nq	98
59) Diethylphthalate	10.19	149	1039106	40.79	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	404519	37.89	nq	89
61) 4-Nitroaniline	10.34	138	232617	34.94	nq	96
62) Azobenzene	10.52	77	1036786	43.02	nq	96
64) 4,6-Dinitro-2-methylphenol	10.38	198	162653	43.06	nq	# 71
65) n-Nitrosodiphenylamine	10.47	169	869150	40.75	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	252785	41.67	nq	96
67) Hexachlorobenzene	10.99	284	251883	41.02	nq	# 88
68) Atrazine	11.13	200	255054	39.93	nq	95
69) Pentachlorophenol	11.23	266	293062	76.68	nq	99
70) Phenanthrene	11.49	178	1348571	39.31	nq	99
71) Anthracene	11.56	178	1396656	39.54	nq	99
72) Carbazole	11.75	167	1304790	36.02	nq	99
73) Di-n-butylphthalate	12.20	149	1584253	42.06	nq	100
74) Fluoranthene	12.96	202	1364855	38.85	nq	99
76) Benzidine	13.12	184	385835	20.20	nq	96
77) Pyrene	13.23	202	1372852	39.21	nq	100
79) Butylbenzylphthalate	14.05	149	667204	44.72	nq	88
80) Benzo(a)anthracene	14.70	228	1129161	40.13	nq	99
81) 3,3'-Dichlorobenzidine	14.67	252	140882	14.01	nq	95
82) Chrysene	14.75	228	1004403	38.47	nq	99
83) Bis(2-ethylhexyl)phthalate	14.76	149	916571	45.03	nq	# 99
84) Di-n-octyl phthalate	15.52	149	1539257	45.26	nq	98
85) Indeno(1,2,3-cd)pyrene	17.74	276	853323	37.74	nq	98
87) Benzo(b)fluoranthene	15.94	252	970085	40.38	nq	98
88) Benzo(k)fluoranthene	15.97	252	933815	39.73	nq	96
89) Benzo(a)pyrene	16.29	252	894709	40.45	nq	99
90) Dibenzo(a,h)anthracene	17.77	278	711341	37.97	nq	96
91) Benzo(g,h,i)perylene	18.16	276	694744	36.80	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.99 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

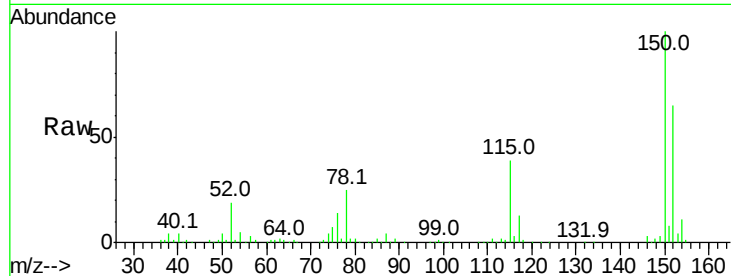
Tot Ion:152 Resp: 193509

Ion Ratio Lower Upper

152 100

150 154.6 126.2 189.2

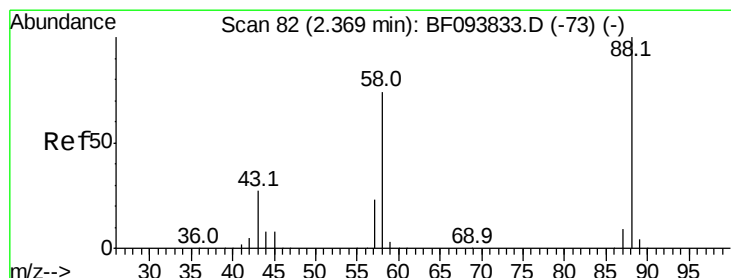
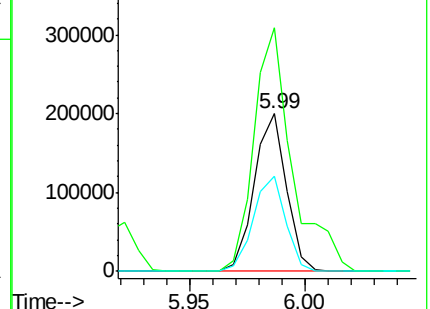
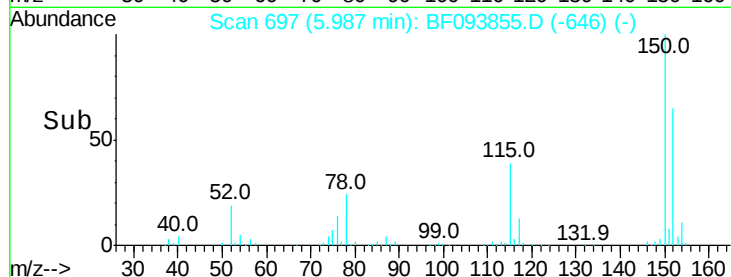
115 60.5 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.62 ng

RT: 2.46 min Scan# 97

Delta R.T. 0.09 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

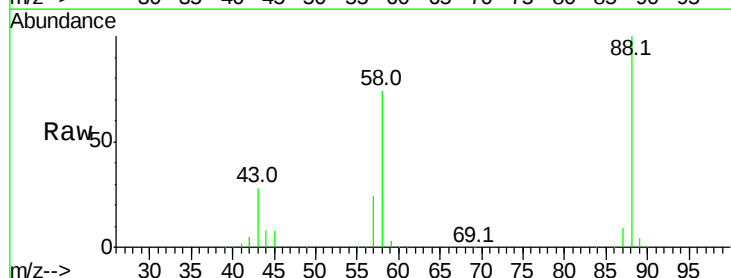
Tgt Ion: 88 Resp: 190564

Ion Ratio Lower Upper

88 100

58 76.1 61.4 92.0

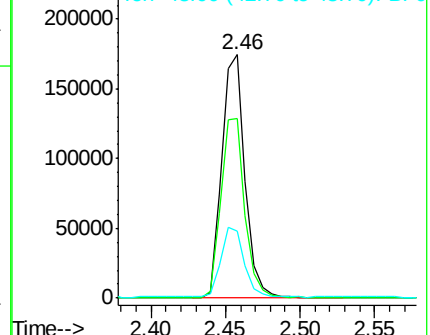
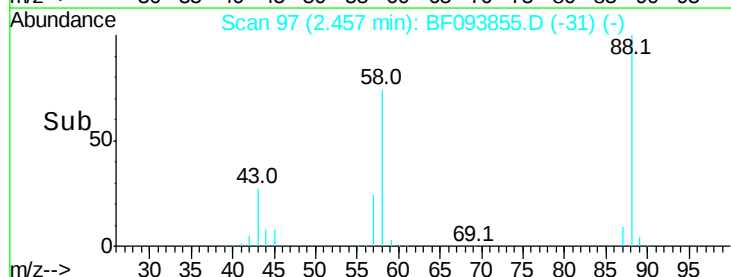
43 28.6 23.4 35.0

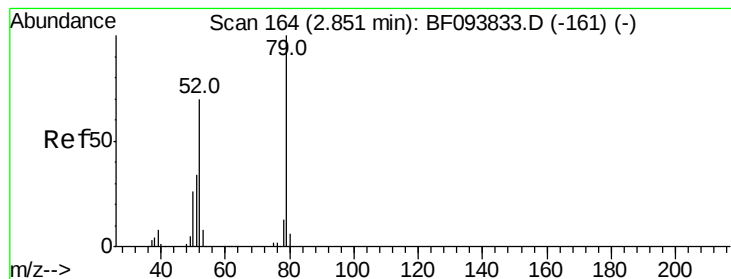


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.66 ng

RT: 2.91 min Scan# 174

Delta R.T. 0.06 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

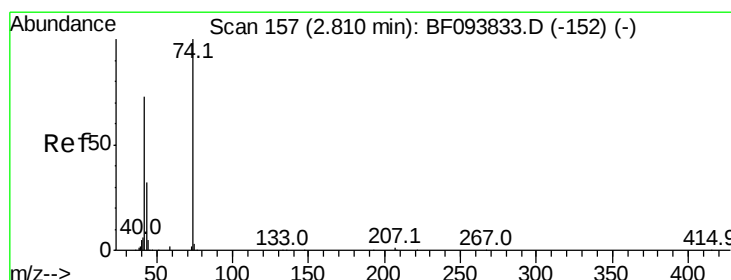
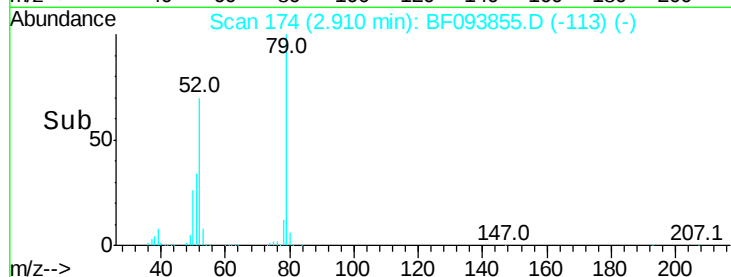
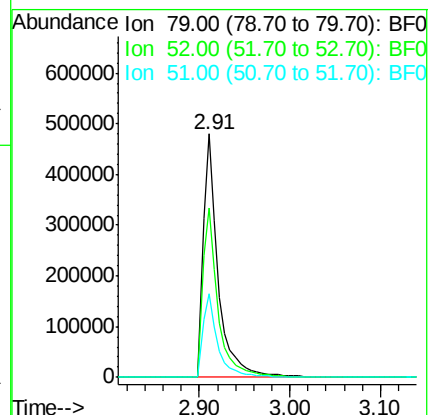
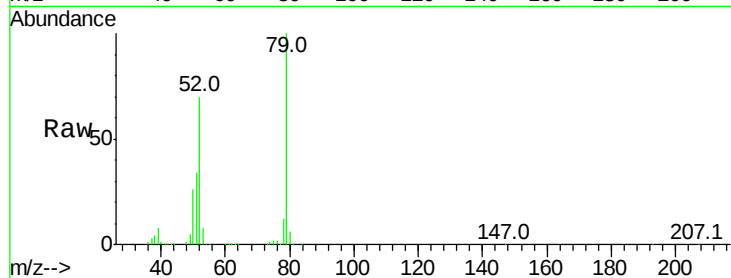
Tot Ion: 79 Resp: 549989

Ion Ratio Lower Upper

79 100

52 69.8 54.8 82.2

51 34.4 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 39.54 ng

RT: 2.88 min Scan# 168

Delta R.T. 0.06 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

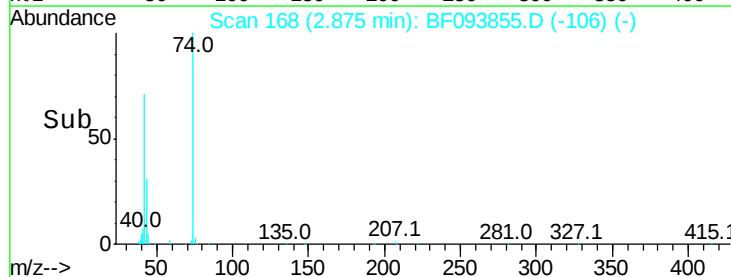
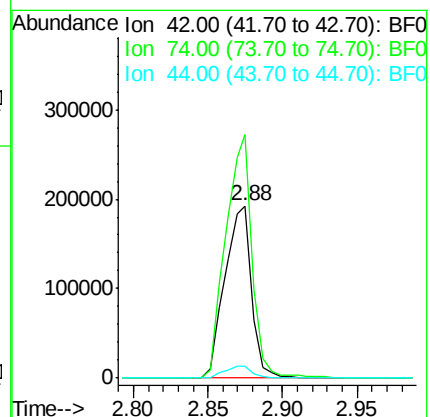
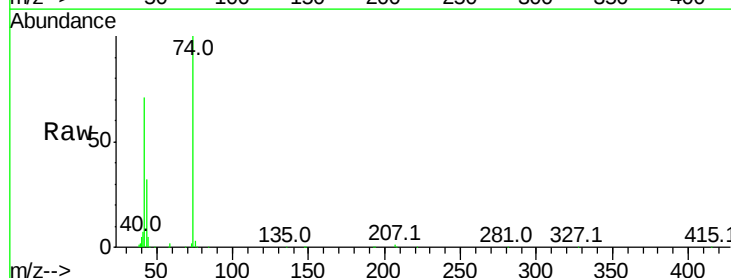
Tgt Ion: 42 Resp: 244077

Ion Ratio Lower Upper

42 100

74 141.4 103.9 155.9

44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 83.57 ng

RT: 4.52 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

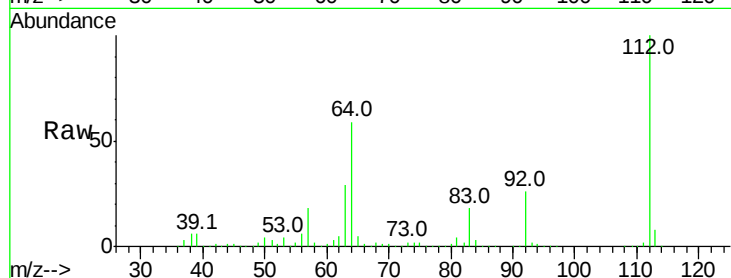
Tot Ion:112 Resp: 957495

Ion Ratio Lower Upper

112 100

64 58.7 46.0 69.0

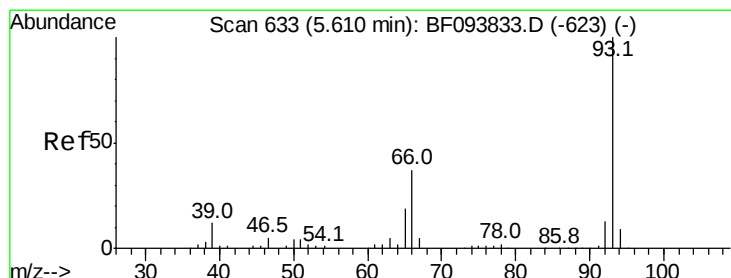
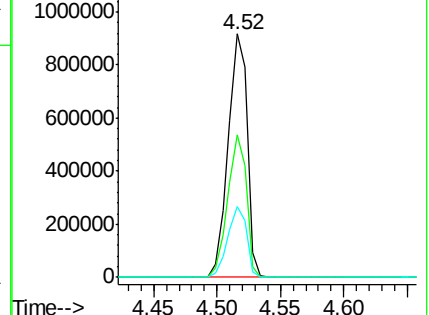
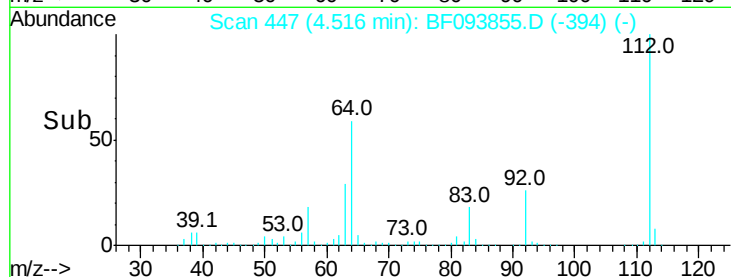
63 29.2 23.4 35.0



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: 8.87 ng

RT: 5.60 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

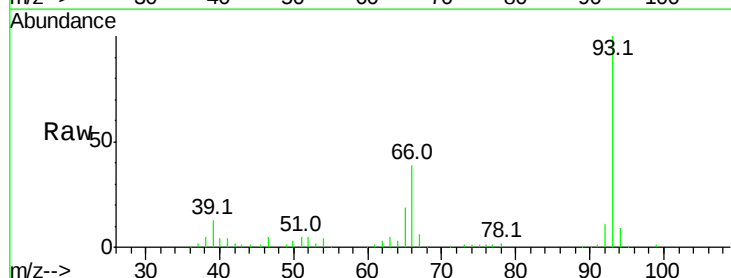
Tgt Ion: 93 Resp: 174896

Ion Ratio Lower Upper

93 100

66 39.1 32.9 49.3

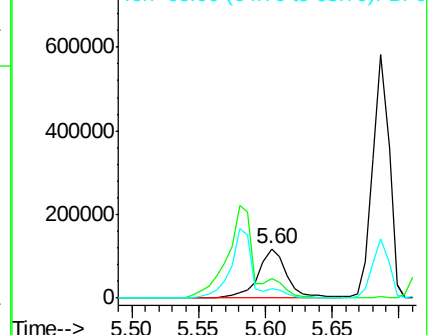
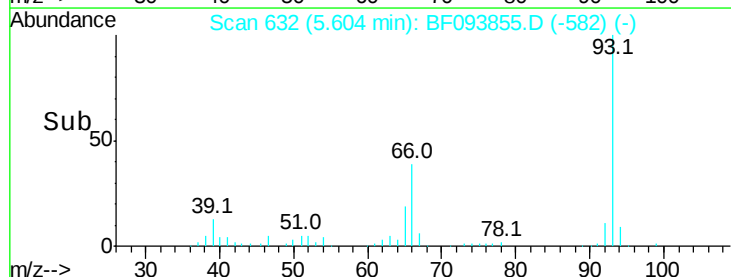
65 19.2 16.0 24.0

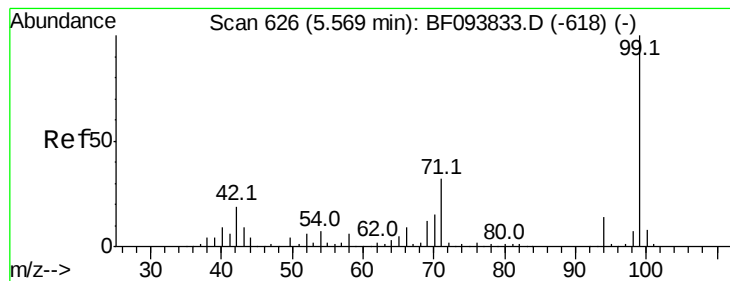


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.26 ng

RT: 5.57 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

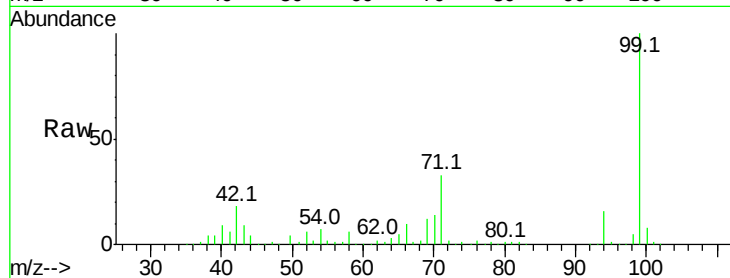
Tot Ion: 99 Resp: 1208423

Ion Ratio Lower Upper

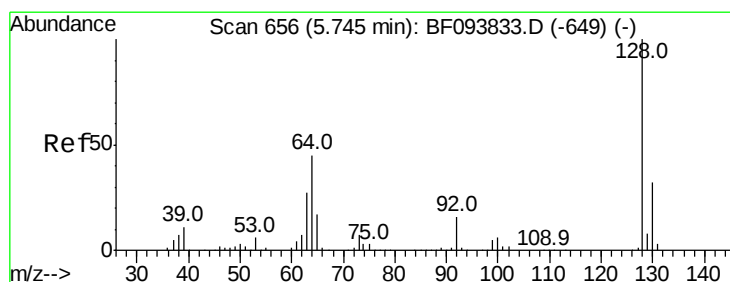
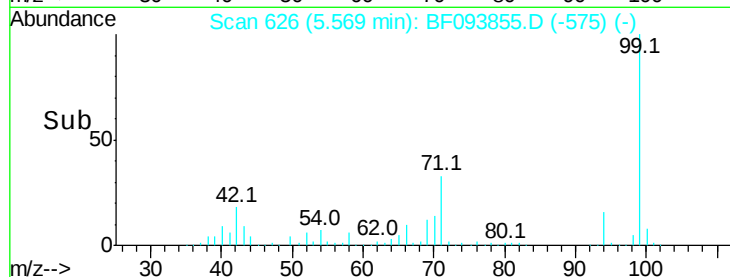
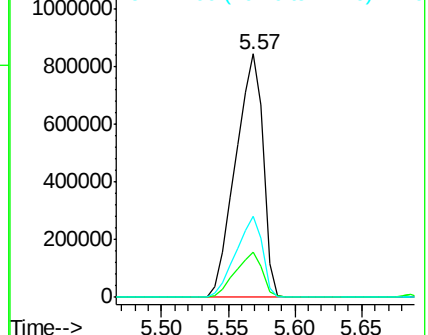
99 100

42 18.5 13.5 20.3

71 33.4 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: 42.29 ng

RT: 5.75 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

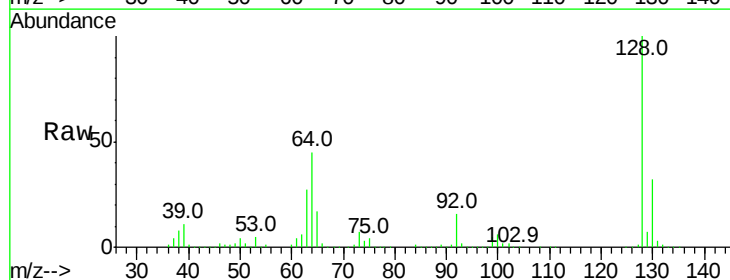
Tgt Ion: 128 Resp: 532622

Ion Ratio Lower Upper

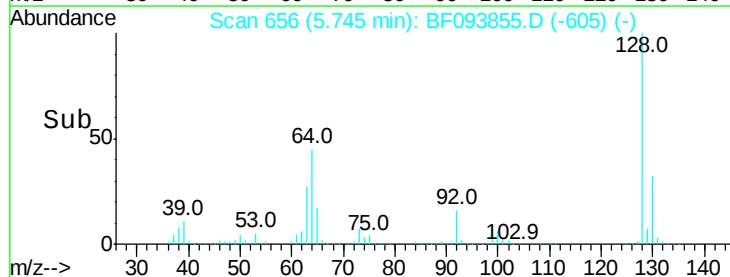
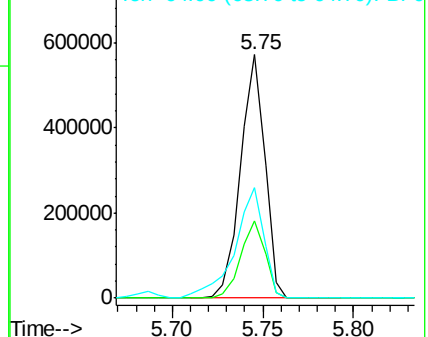
128 100

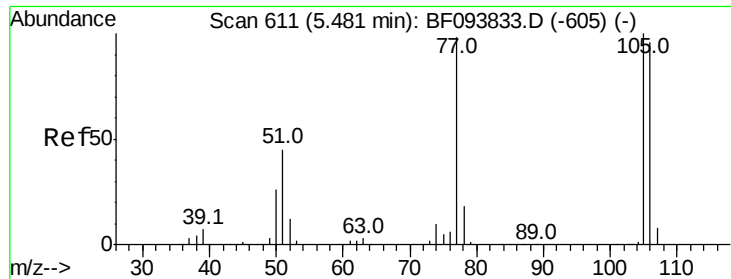
130 31.9 12.9 52.9

64 45.3 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

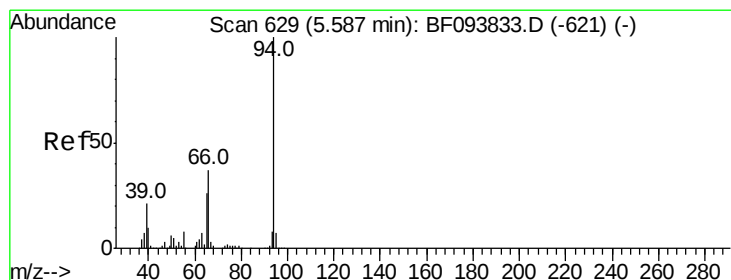
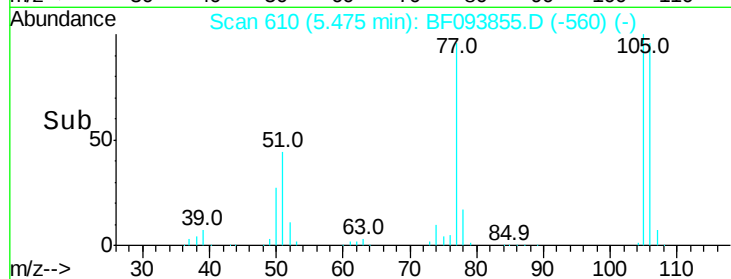
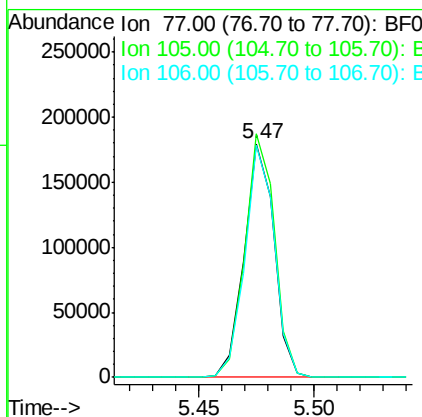
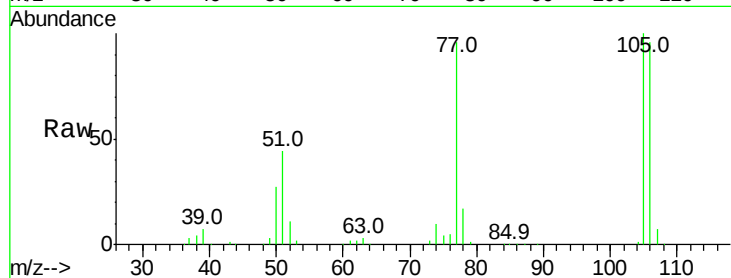




#9
Benzaldehyde
Concen: 17.02 ng
RT: 5.47 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

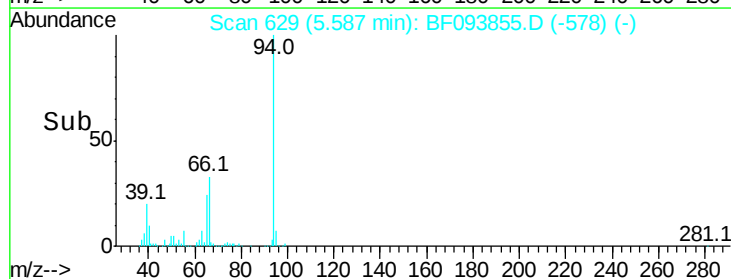
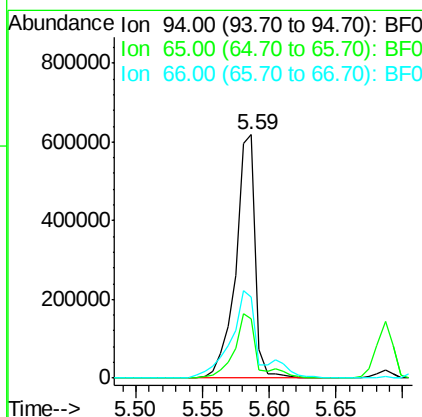
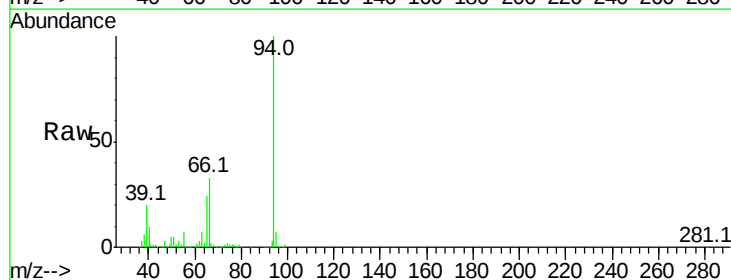
Instrument :
BNA_F
ClientSampleId :
PB97750BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.2	83.8	123.8
106	99.6	79.1	119.1



#10
Phenol
Concen: 39.47 ng
RT: 5.59 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	24.4	9.9	49.9
66	33.4	23.1	63.1

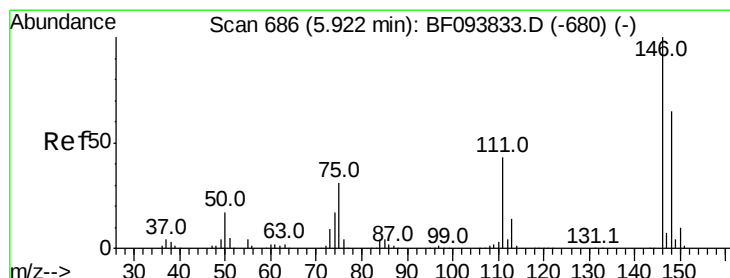
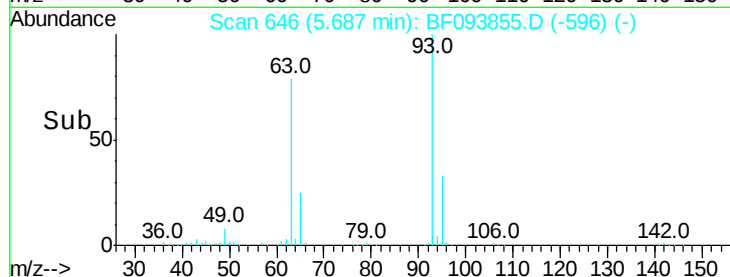
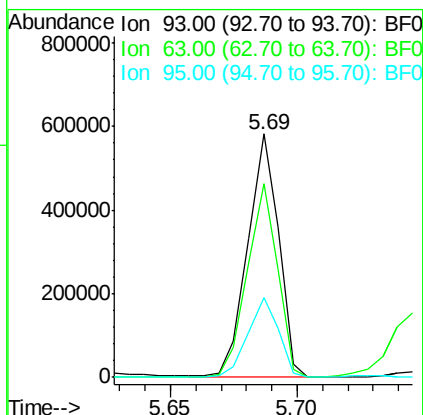
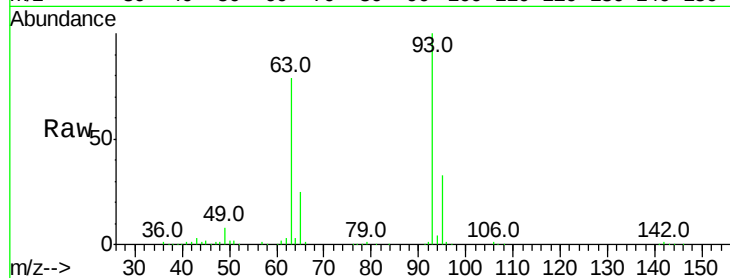




#11
bis(2-Chloroethyl)ether
Concen: 39.23 ng
RT: 5.69 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

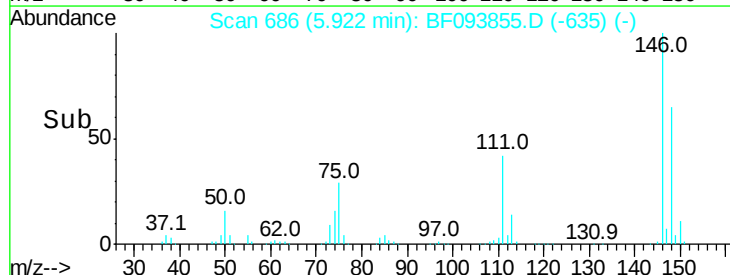
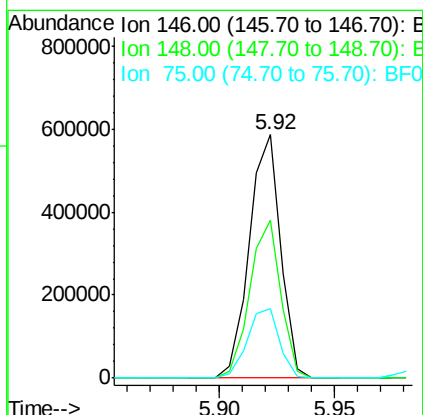
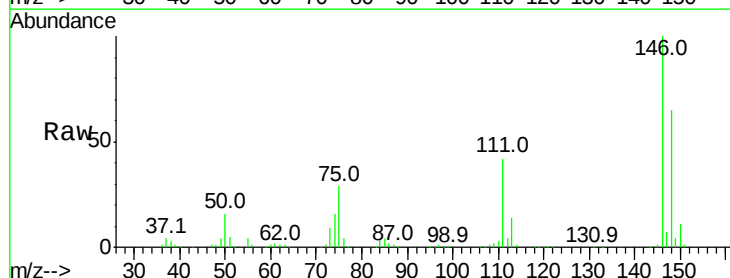
Instrument :
BNA_F
ClientSampleId :
PB97750BSD

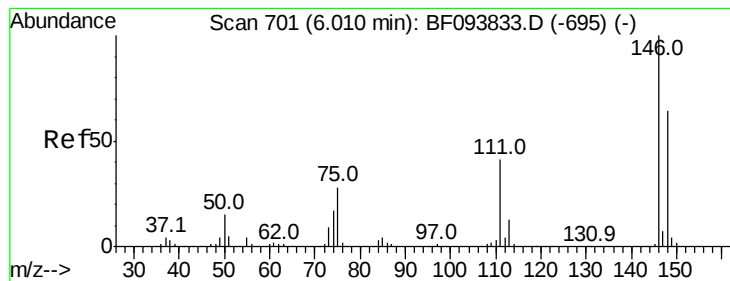
Tot Ion: 93 Resp: 494486
Ion Ratio Lower Upper
93 100
63 79.4 59.2 99.2
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.34 ng
RT: 5.92 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Tgt Ion: 146 Resp: 555775
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
75 28.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.17 ng

RT: 6.00 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

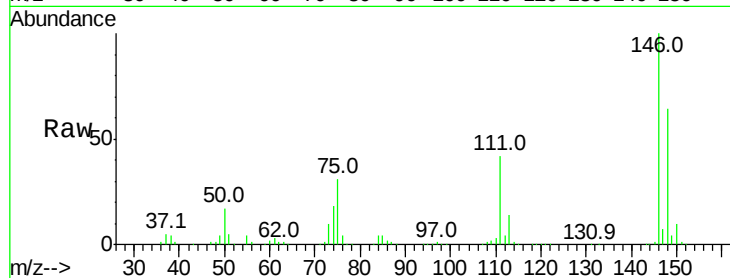
Tot Ion:146 Resp: 560362

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

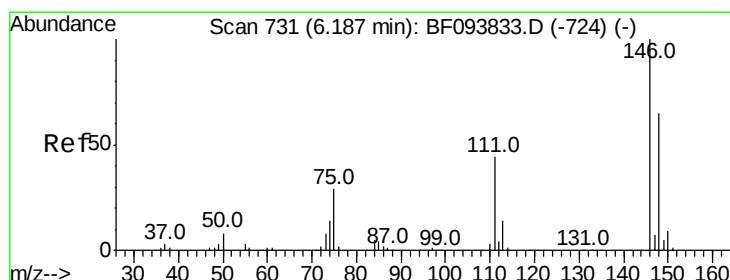
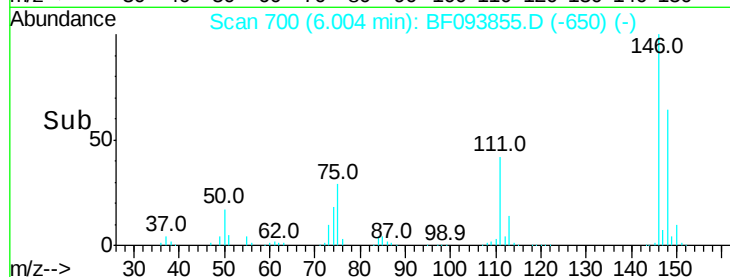
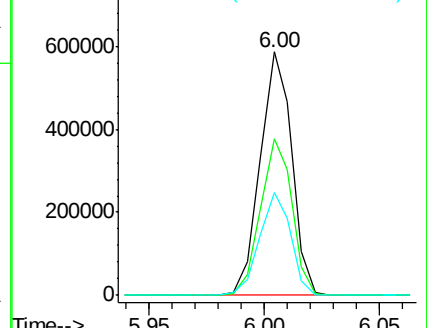
111 42.4 30.3 45.5



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: 39.57 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

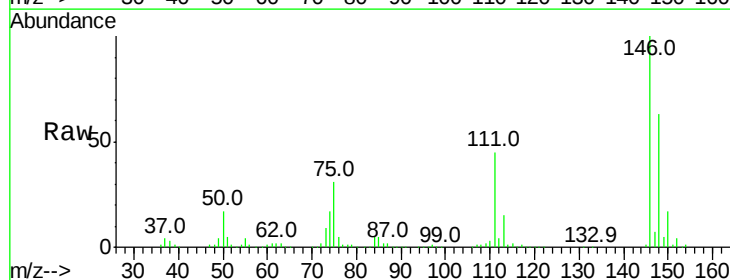
Tgt Ion:146 Resp: 521358

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

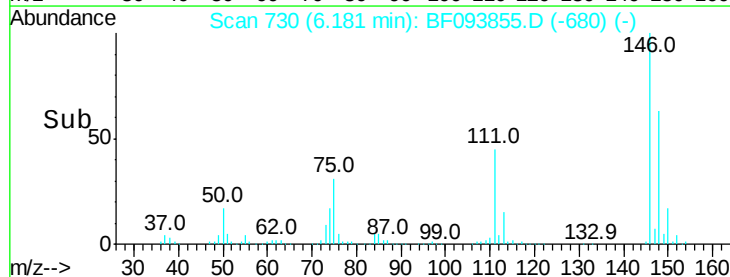
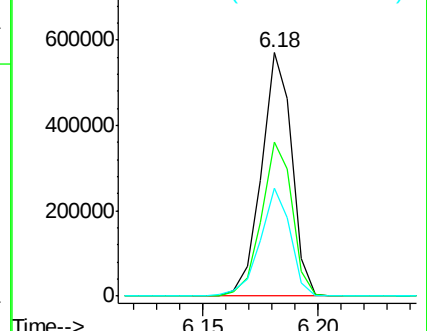
111 44.6 38.2 57.4

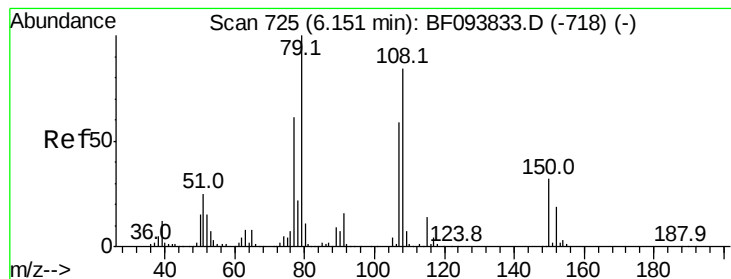


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.51 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

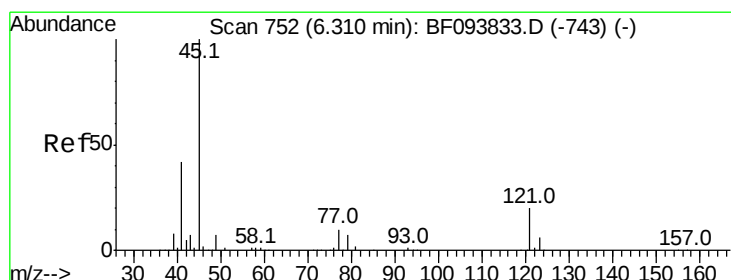
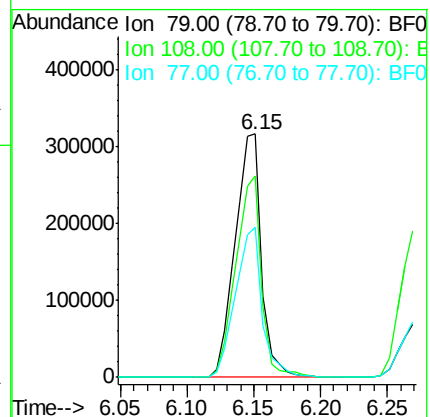
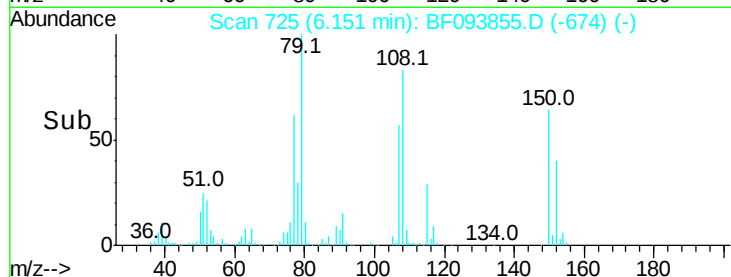
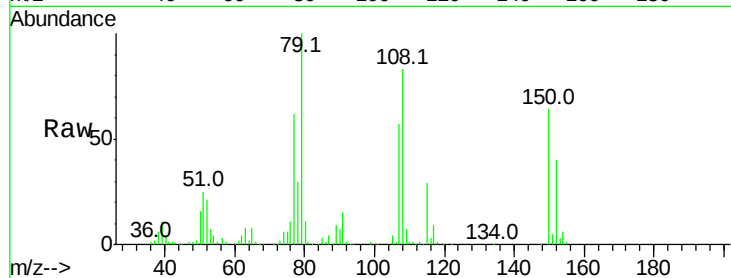
Tot Ion: 79 Resp: 440964

Ion Ratio Lower Upper

79 100

108 82.7 63.4 95.0

77 61.7 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.49 ng

RT: 6.32 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

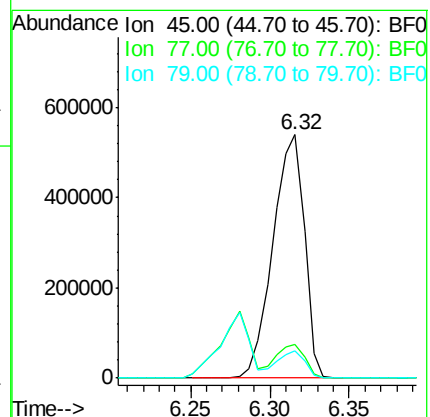
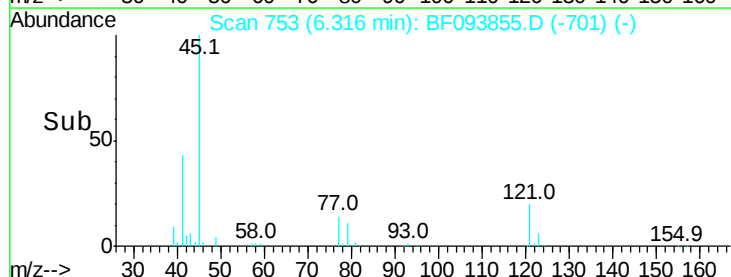
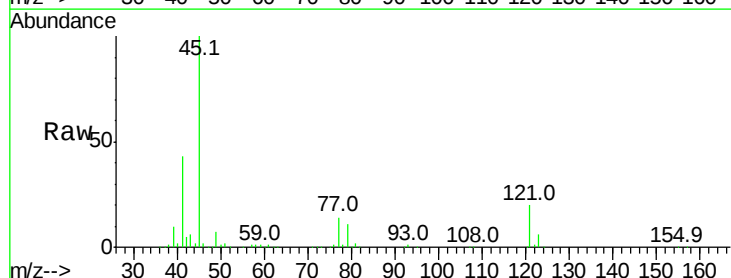
Tgt Ion: 45 Resp: 747624

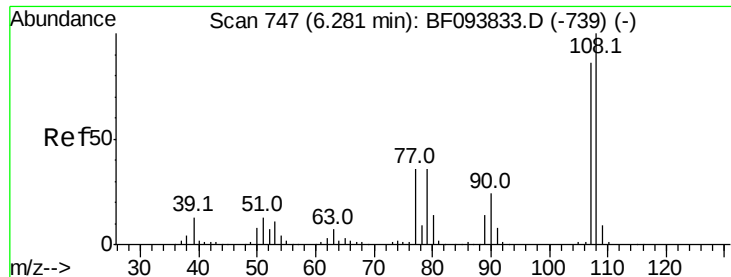
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.2

79 11.0 0.0 30.0

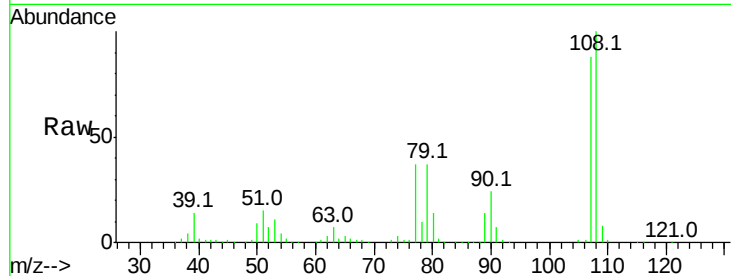




#17
2-Methylphenol
Concen: 41.52 ng
RT: 6.28 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Instrument :
BNA_F
ClientSampleId :
PB97750BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.4	140.0
77	42.3	35.8	53.6
79	41.8	34.8	52.2



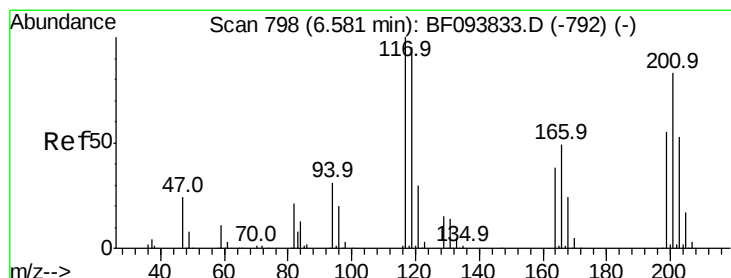
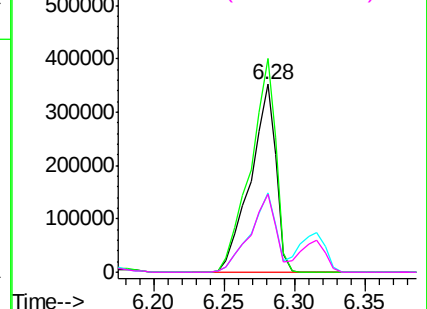
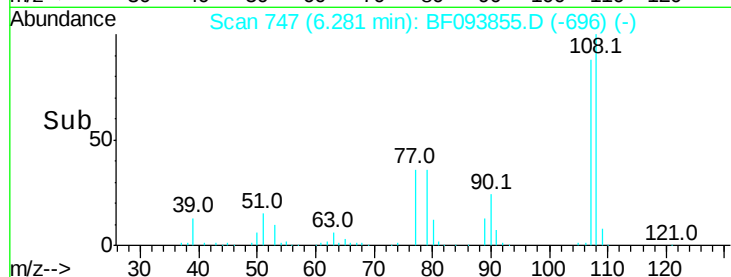
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

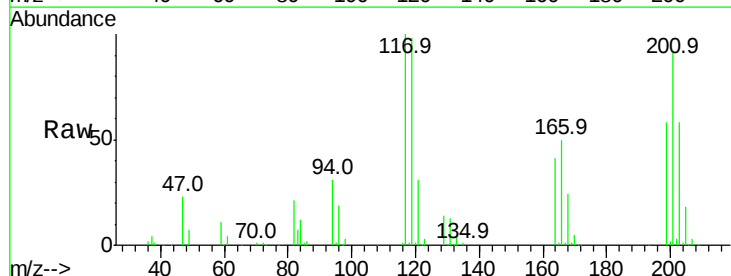
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 40.06 ng
RT: 6.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.4	116.0
201	91.6	94.6	141.8#

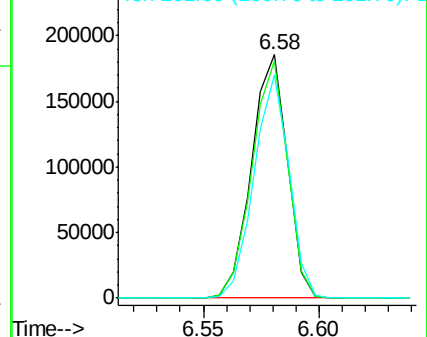
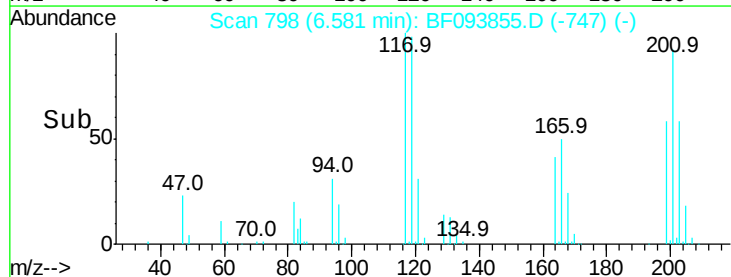


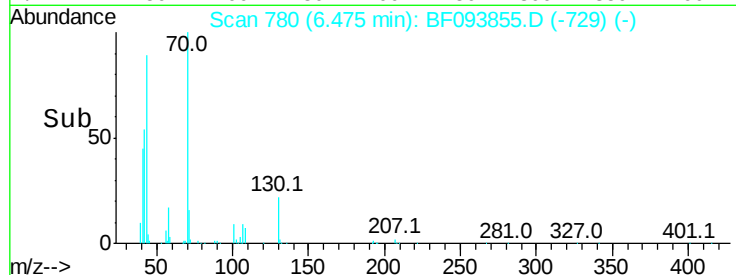
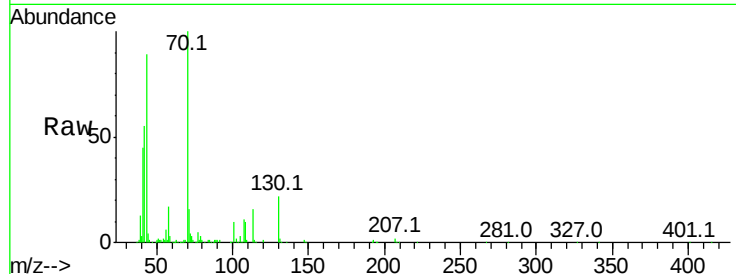
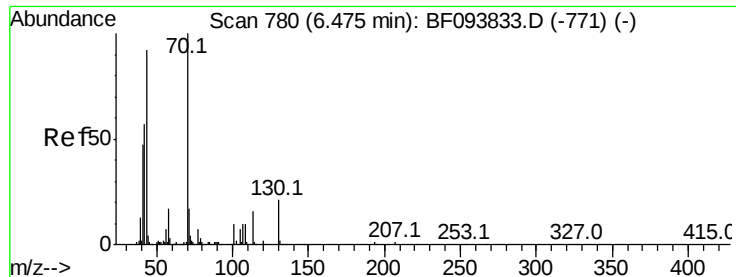
Abundance

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

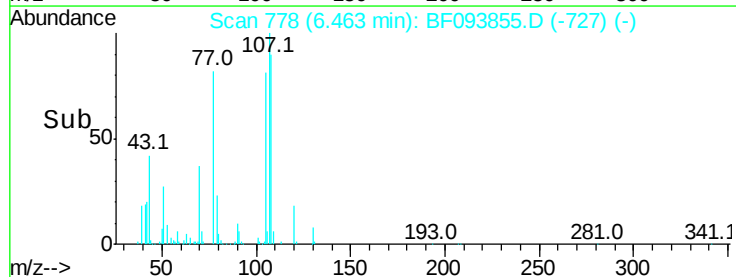
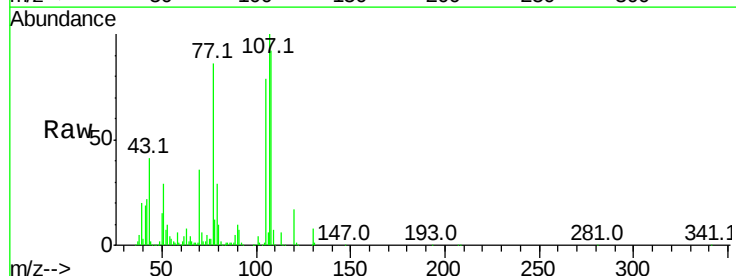
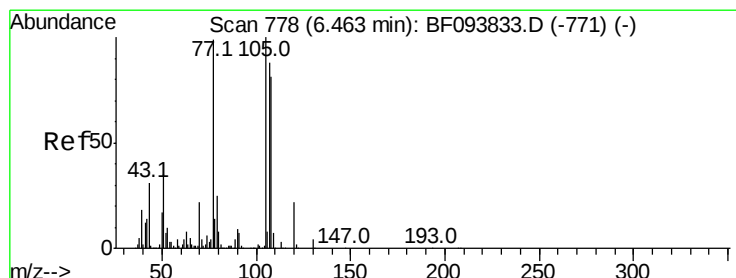
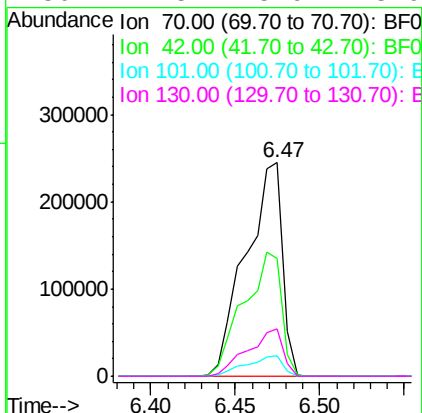




#19
n-Nitroso-di-n-propylamine
Concen: 40.41 ng
RT: 6.47 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

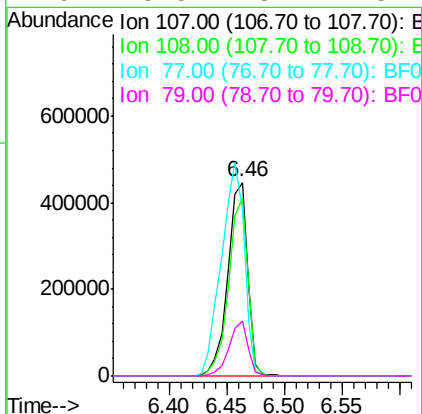
Instrument :
BNA_F
ClientSampleId :
PB97750BSD

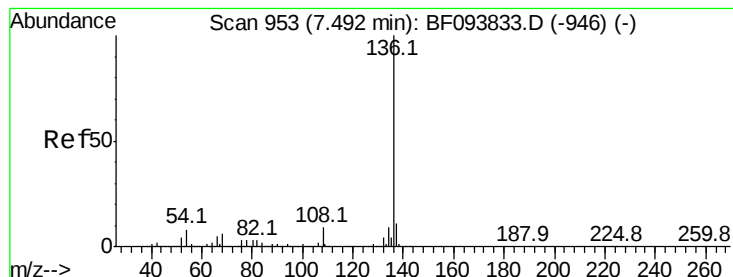
Tot Ion:	70	Resp:	368128
Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.2	70.8
101	9.5	7.2	10.8
130	22.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.78 ng
RT: 6.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Tgt Ion:	107	Resp:	532707
Ion	Ratio	Lower	Upper
107	100		
108	92.2	71.0	111.0
77	85.8	90.5	130.5#
79	28.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.49 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

Tot Ion:136 Resp: 799317

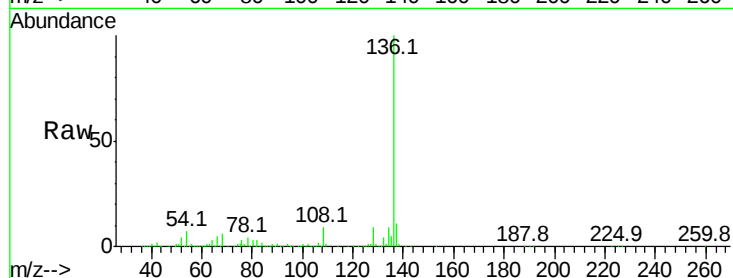
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.4 4.9 7.3#

68 5.8 4.1 6.1

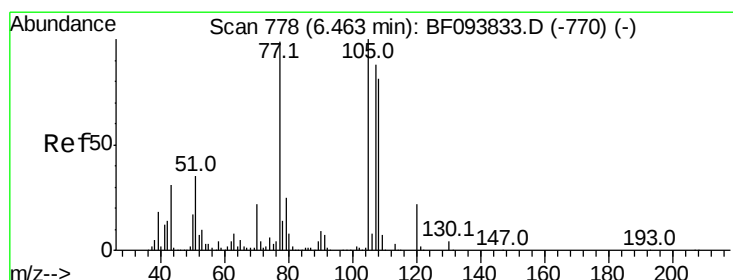
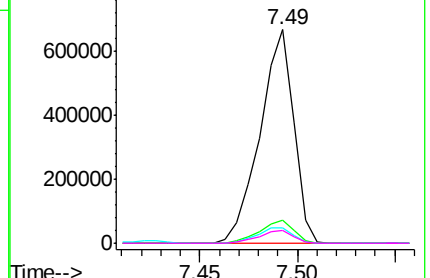
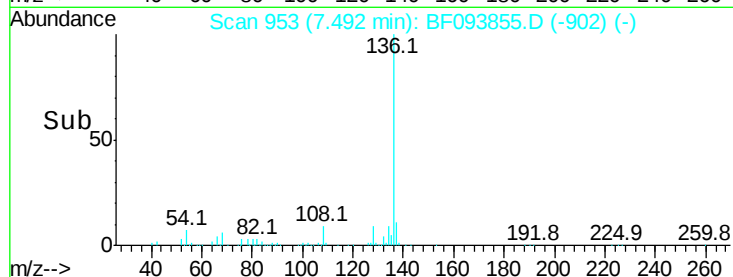


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.81 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Tgt Ion:105 Resp: 709243

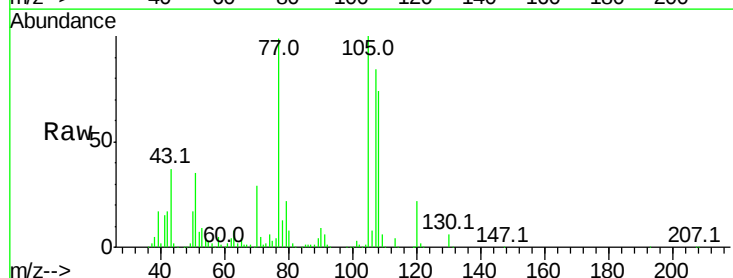
Ion Ratio Lower Upper

105 100

71 4.7 2.8 4.2#

51 35.3 30.7 46.1

120 21.9 17.4 26.0

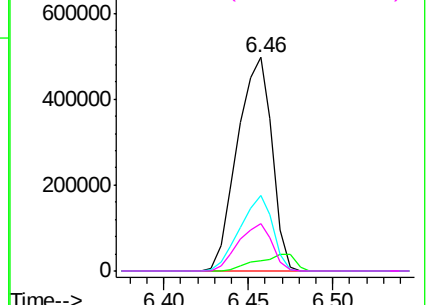
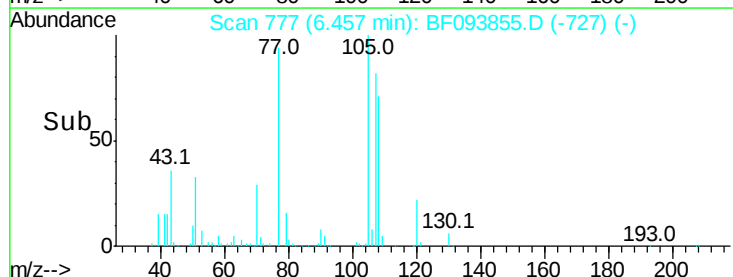


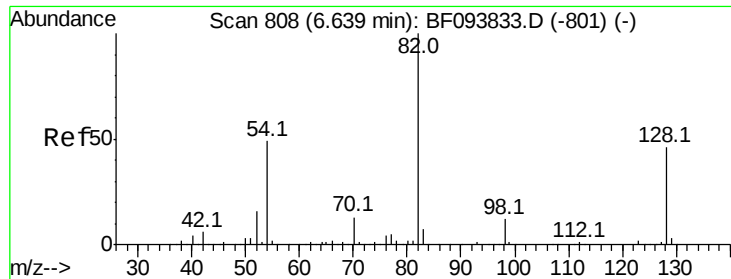
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



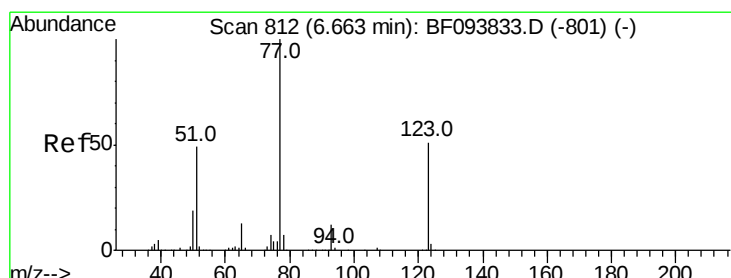
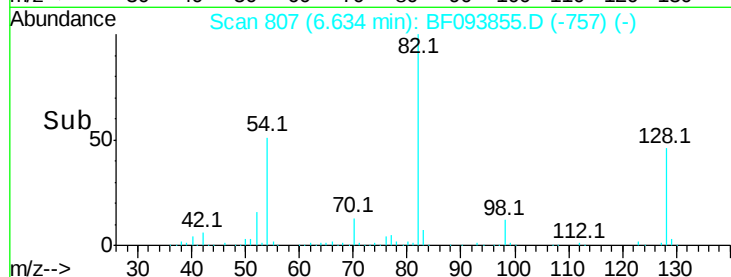
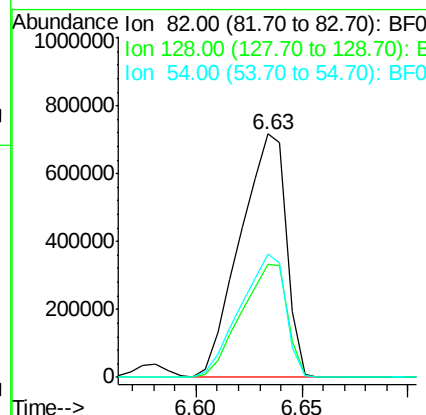
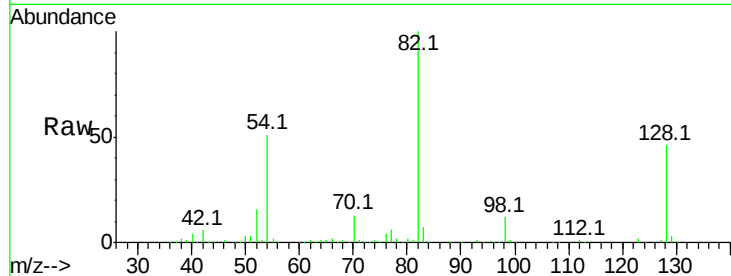


#23
 Nitrobenzene-d5
 Concen: 77.79 ng
 RT: 6.63 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

Tot Ion: 82 Resp: 1089590

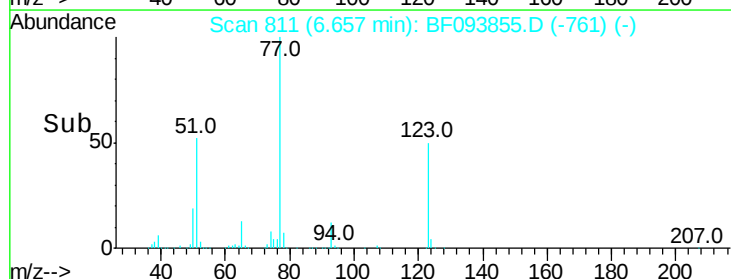
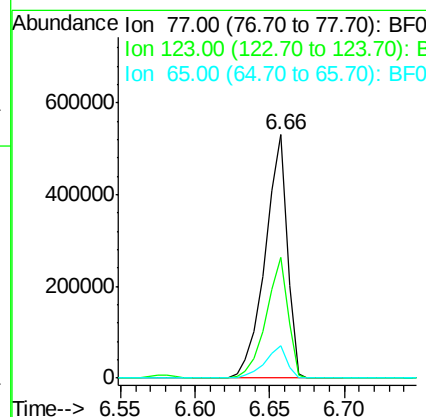
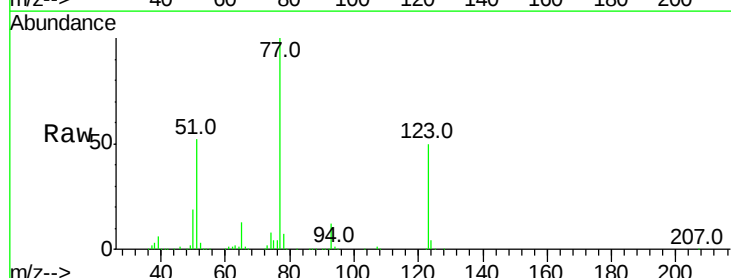
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	50.5	42.2	63.2

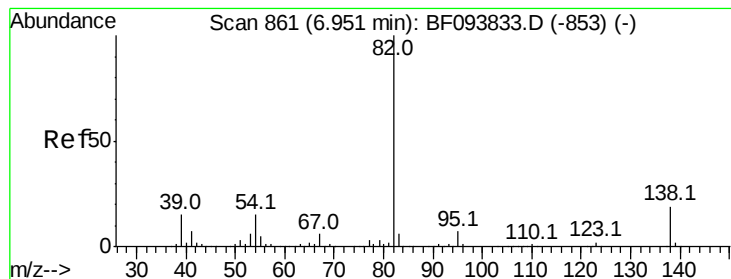


#24
 Nitrobenzene
 Concen: 39.05 ng
 RT: 6.66 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion: 77 Resp: 539438

Ion	Ratio	Lower	Upper
77	100		
123	49.8	35.8	53.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 40.68 ng

RT: 6.95 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

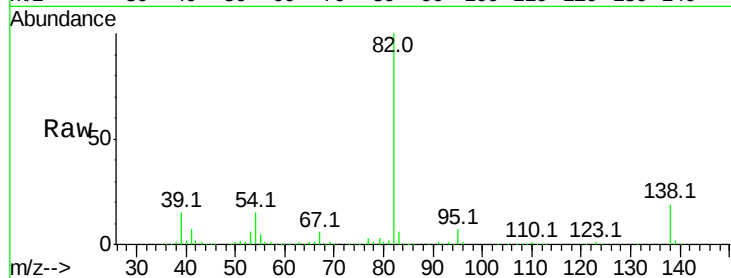
Tot Ion: 82 Resp: 1001198

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

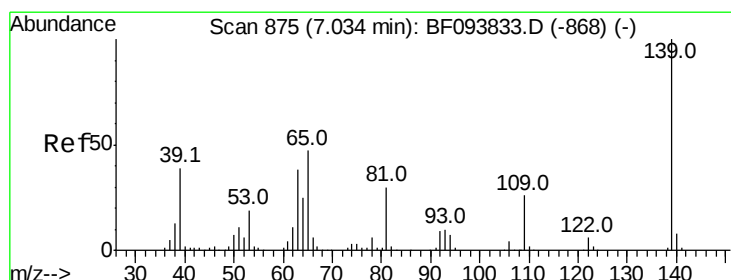
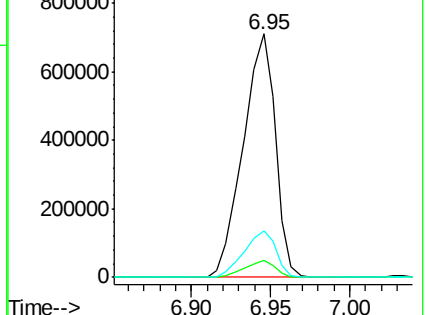
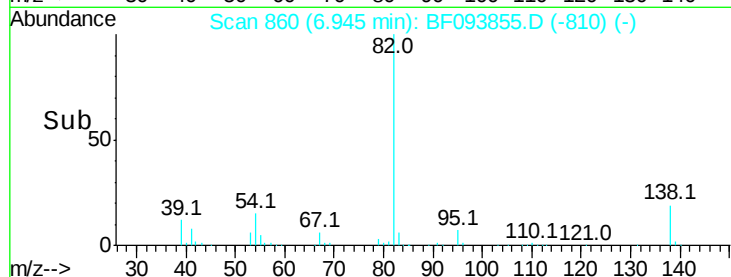
138 18.9 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.80 ng

RT: 7.03 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

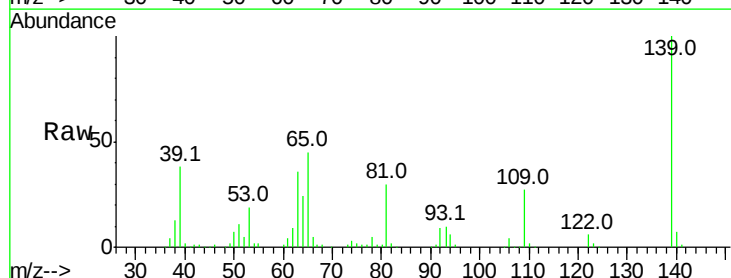
Tgt Ion: 139 Resp: 288515

Ion Ratio Lower Upper

139 100

109 26.7 21.0 31.6

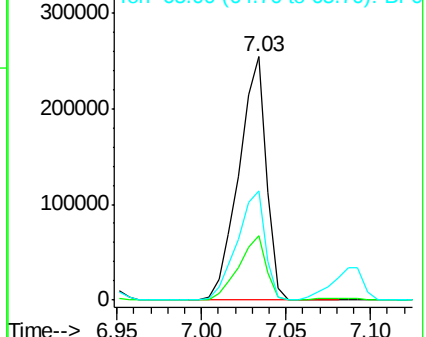
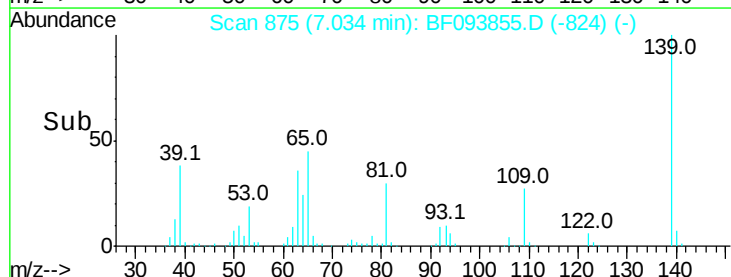
65 44.9 33.0 49.6

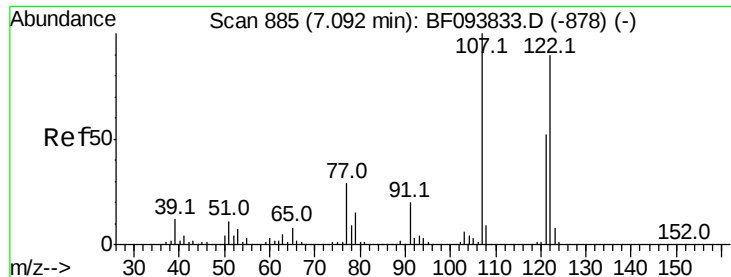


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.16 ng

RT: 7.09 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

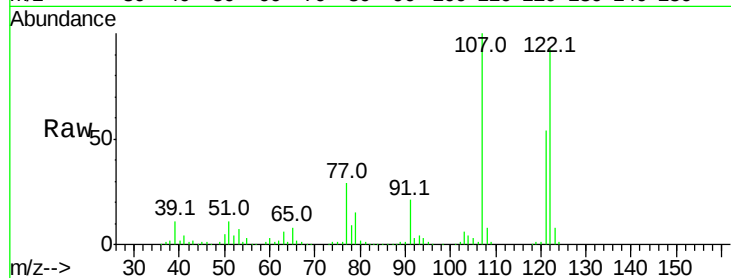
Tot Ion:122 Resp: 489960

Ion Ratio Lower Upper

122 100

107 107.4 89.2 133.8

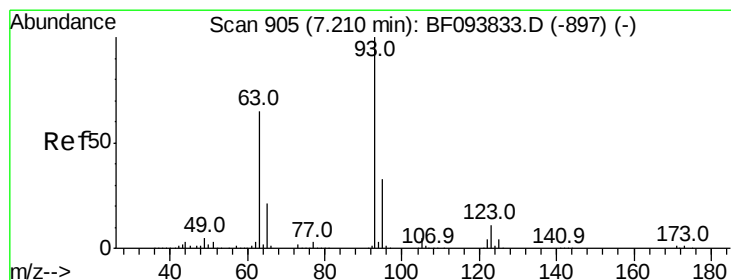
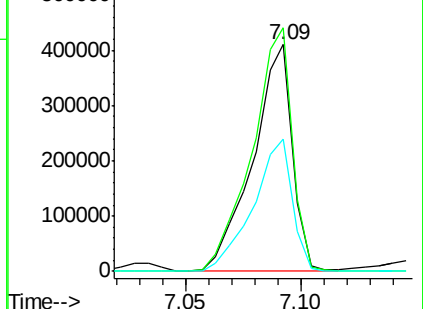
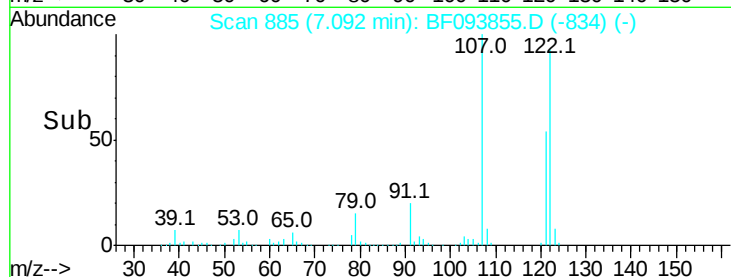
121 58.2 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.08 ng

RT: 7.20 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

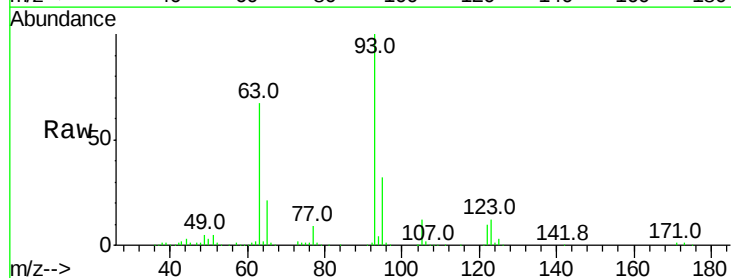
Tgt Ion: 93 Resp: 650547

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

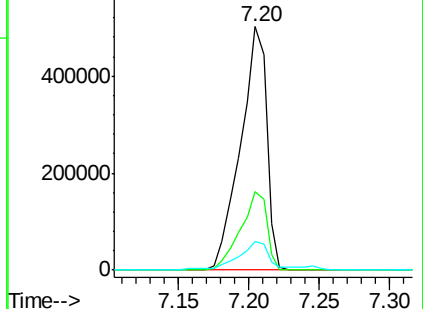
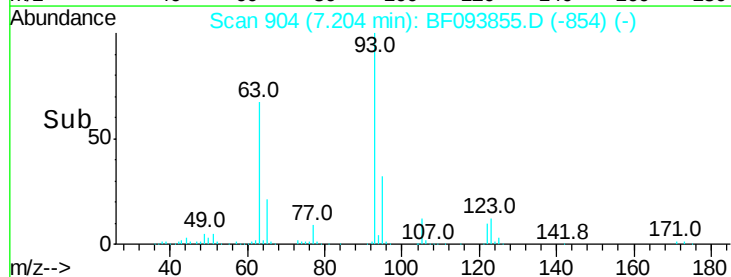
123 11.7 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

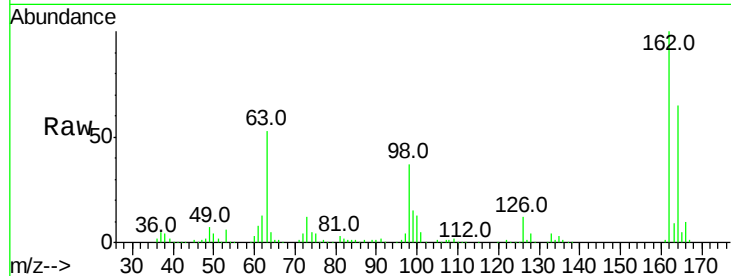




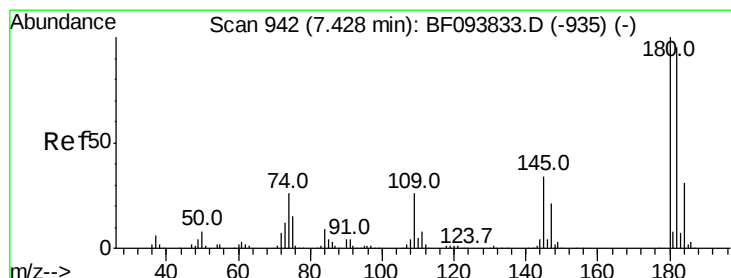
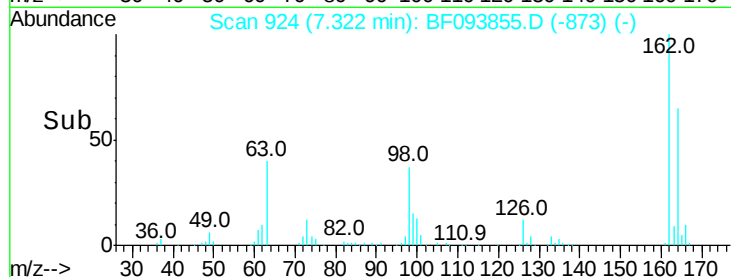
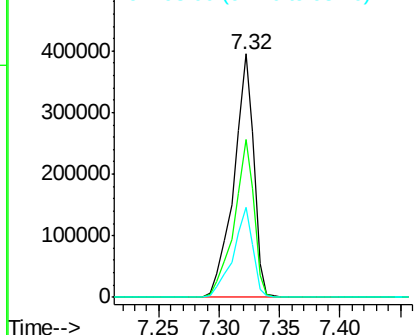
#29
 2,4-Dichlorophenol
 Concen: 42.85 ng
 RT: 7.32 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	36.9	14.8	54.8

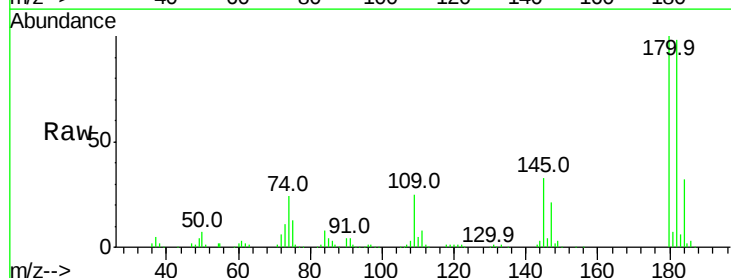


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

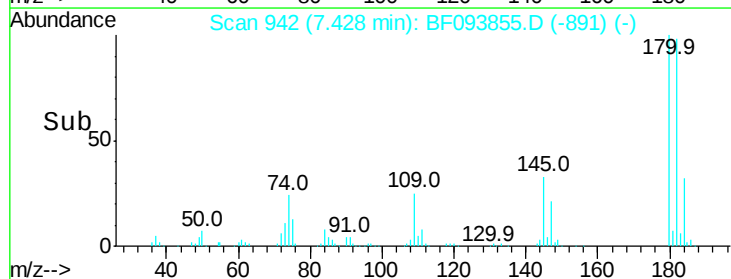
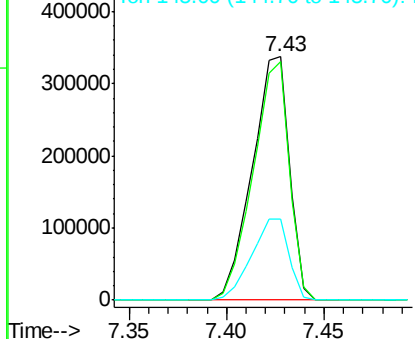


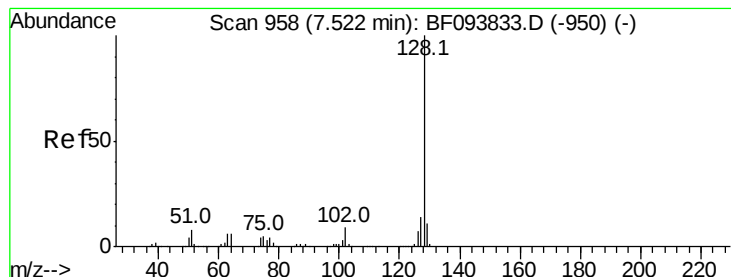
#30
 1,2,4-Trichlorobenzene
 Concen: 40.67 ng
 RT: 7.43 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.8	113.6
145	33.2	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: 38.99 ng

RT: 7.52 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

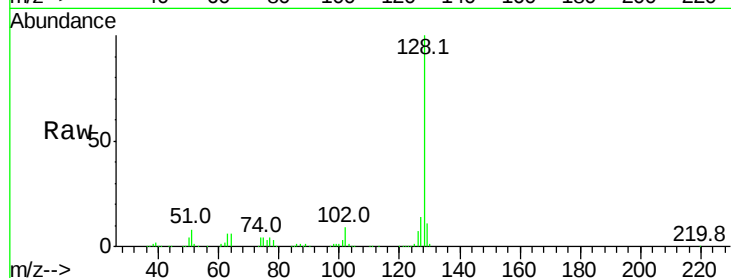
Tot Ion:128 Resp: 1498467

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

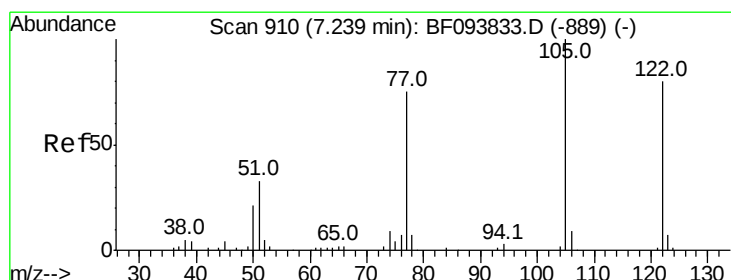
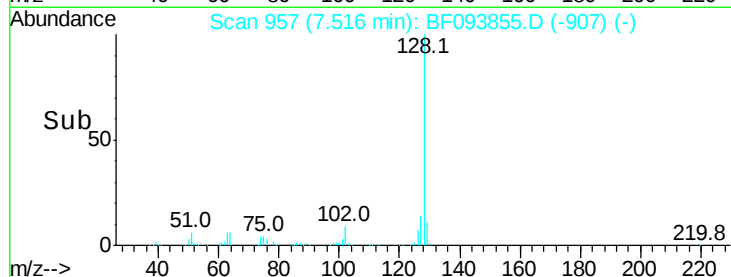
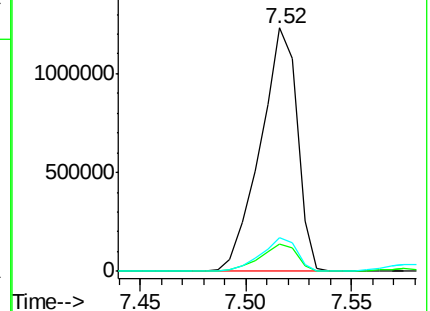
127 13.6 10.8 16.2



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: 45.41 ng

RT: 7.25 min Scan# 911

Delta R.T. 0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

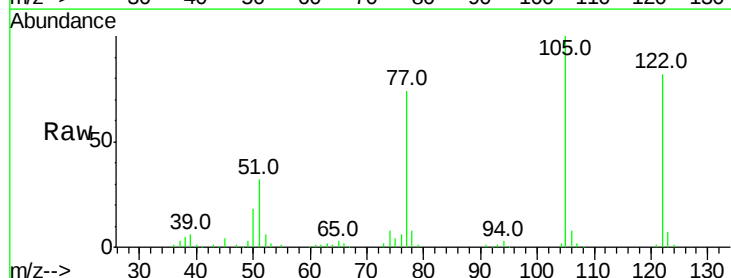
Tgt Ion:122 Resp: 343145

Ion Ratio Lower Upper

122 100

105 121.9 103.3 143.3

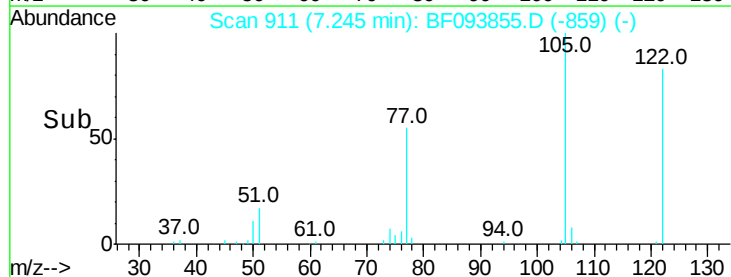
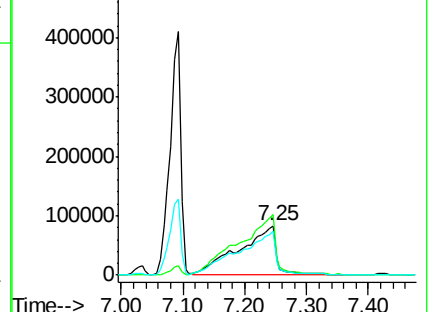
77 89.9 73.7 113.7

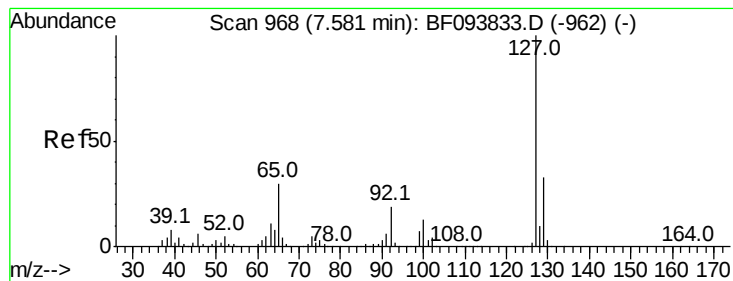


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 4.00 ng

RT: 7.57 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

Tot Ion:127 Resp: 62302

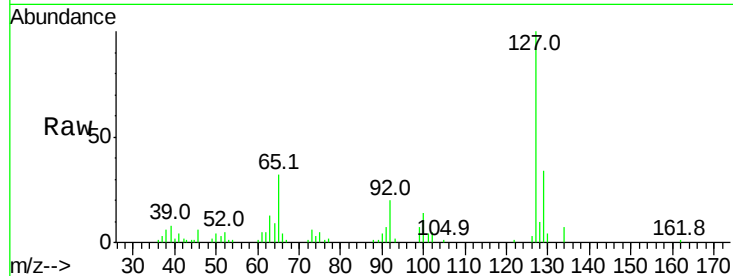
Ion Ratio Lower Upper

127 100

129 34.4 26.2 39.2

65 31.8 27.8 41.8

92 19.6 16.8 25.2

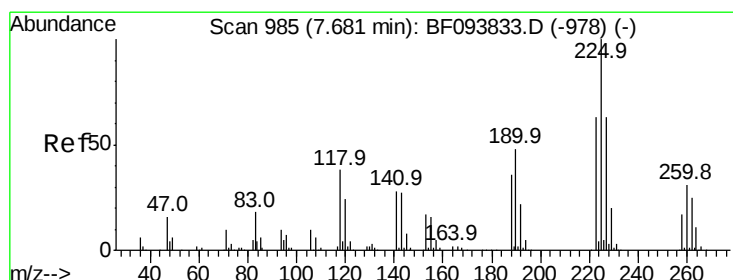
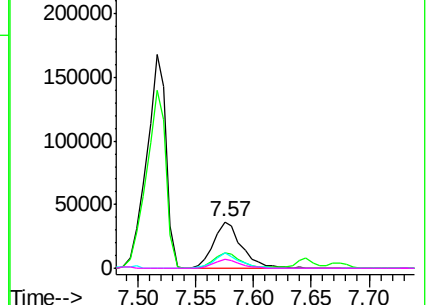
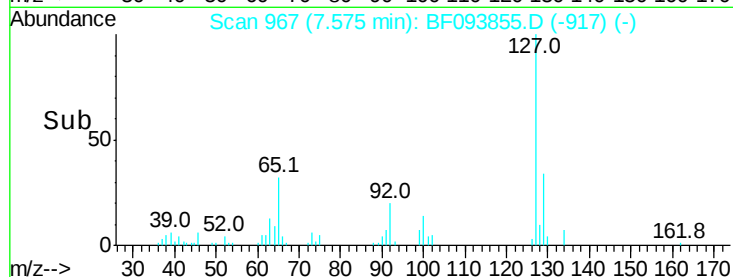


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.04 ng

RT: 7.67 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

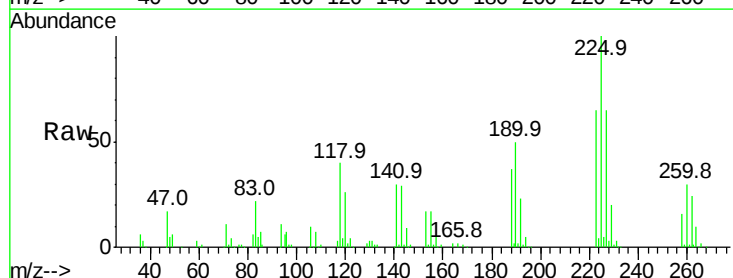
Tgt Ion:225 Resp: 224432

Ion Ratio Lower Upper

225 100

223 65.2 48.8 73.2

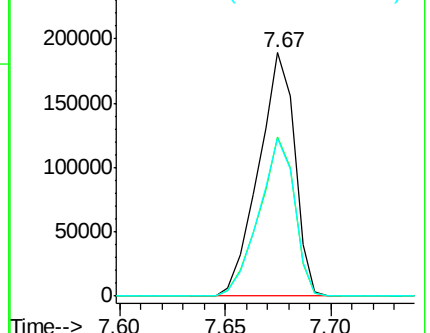
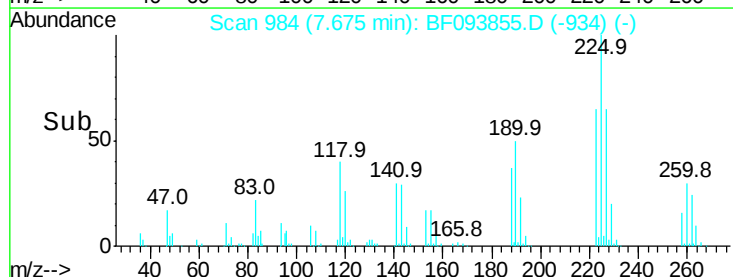
227 64.8 51.1 76.7

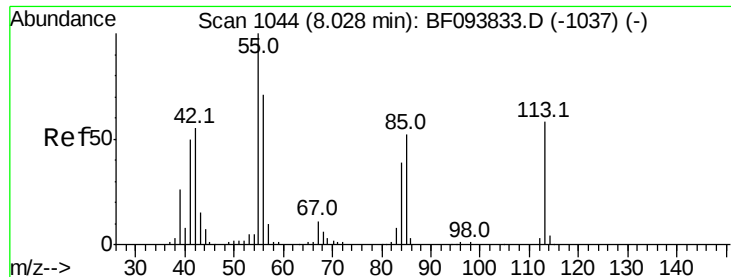


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

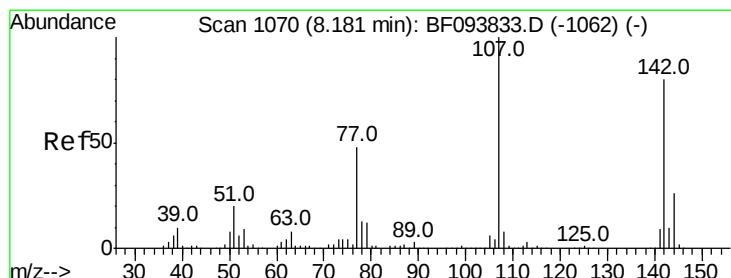
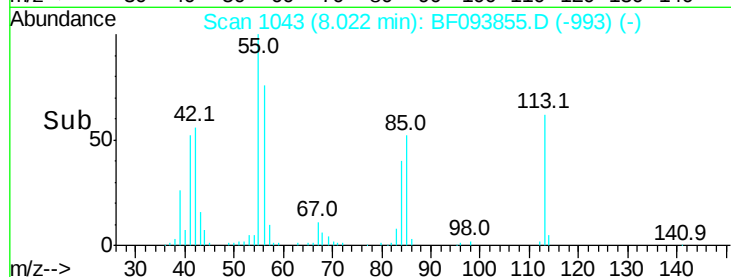
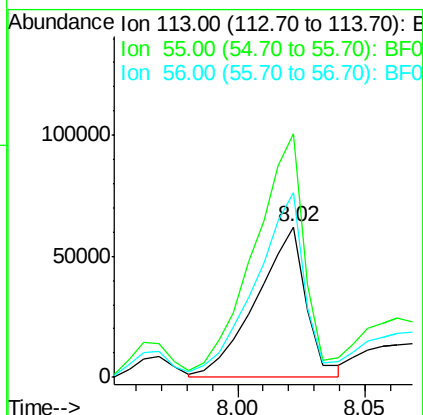
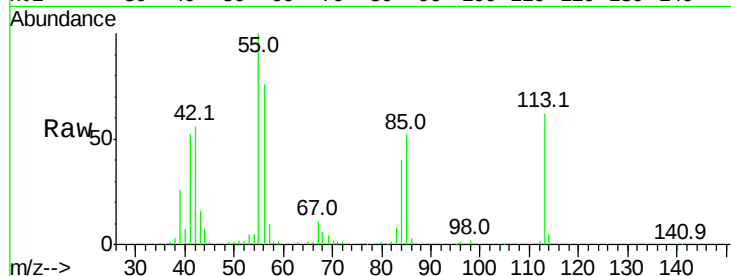




#35
 Caprolactam
 Concen: 25.25 ng
 RT: 8.02 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

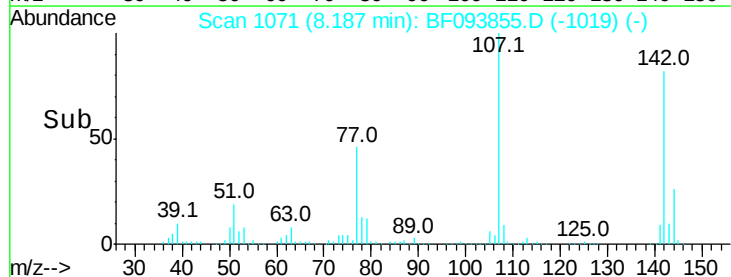
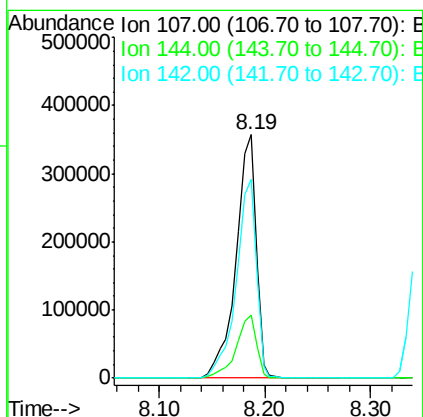
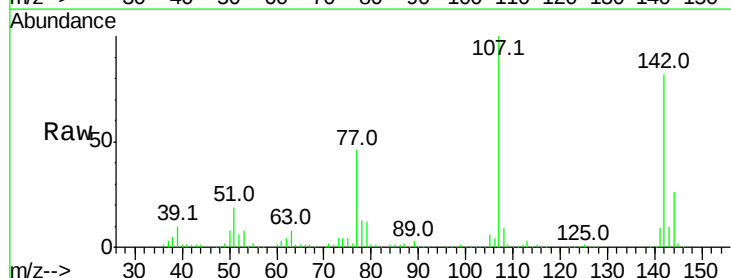
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

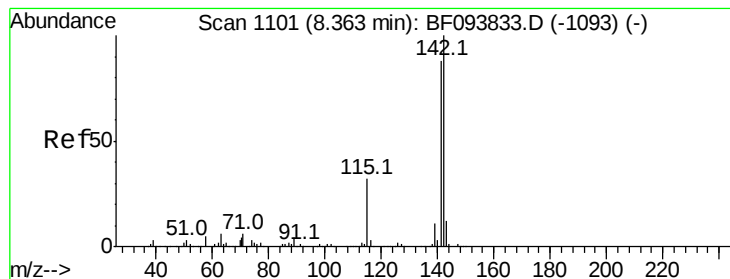
Tot Ion:113 Resp: 85458
 Ion Ratio Lower Upper
 113 100
 55 161.8 150.2 190.2
 56 122.3 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.53 ng
 RT: 8.19 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion:107 Resp: 471630
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 81.9 73.4 110.0





#37

2-Methylnaphthalene

Concen: 41.31 ng

RT: 8.36 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

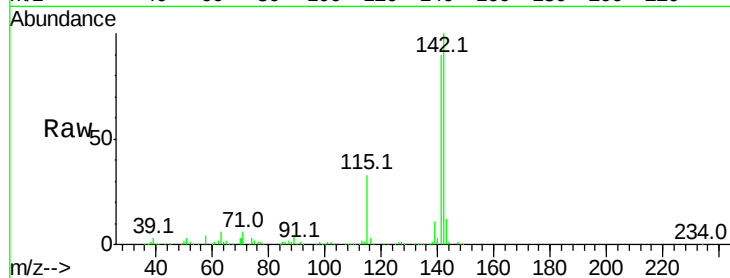
Tot Ion:142 Resp: 1058440

Ion Ratio Lower Upper

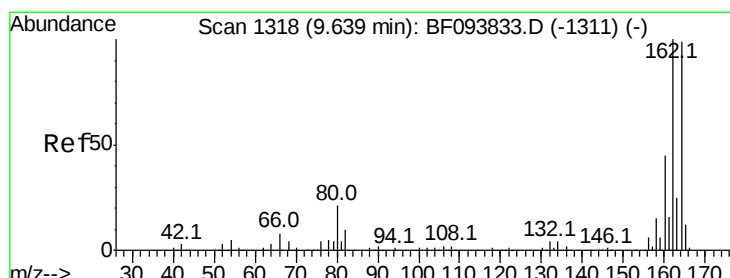
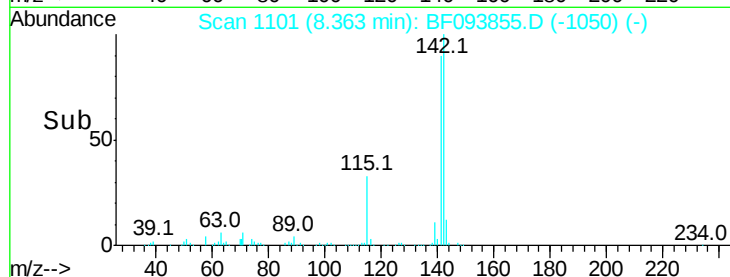
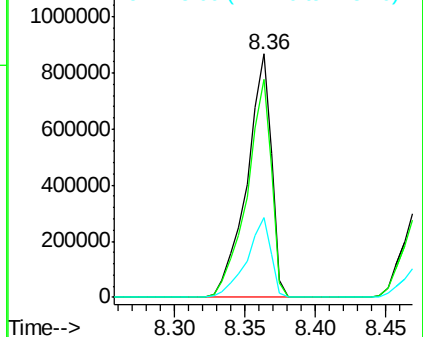
142 100

141 89.7 71.3 106.9

115 32.8 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: 9.64 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

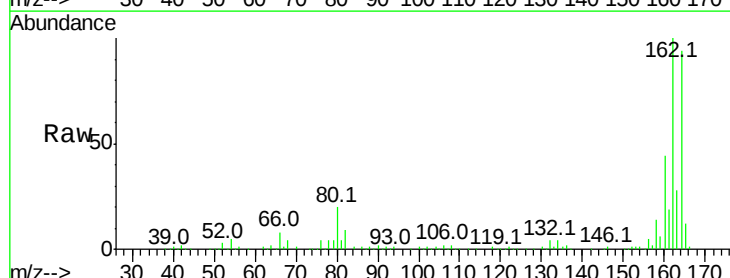
Tgt Ion:164 Resp: 362593

Ion Ratio Lower Upper

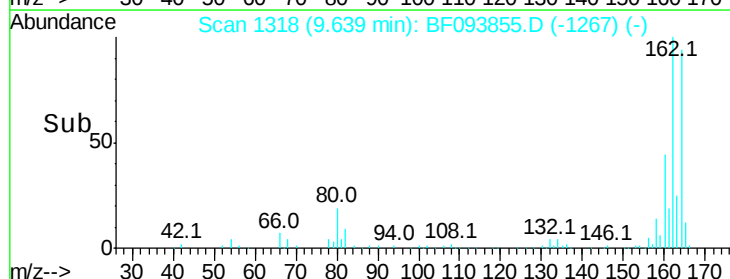
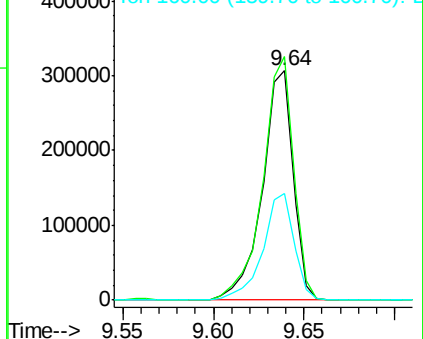
164 100

162 106.2 82.6 123.8

160 46.4 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

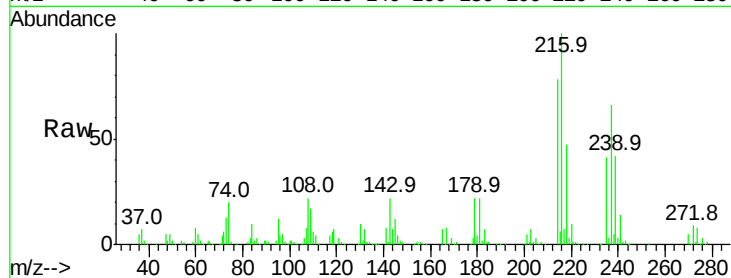




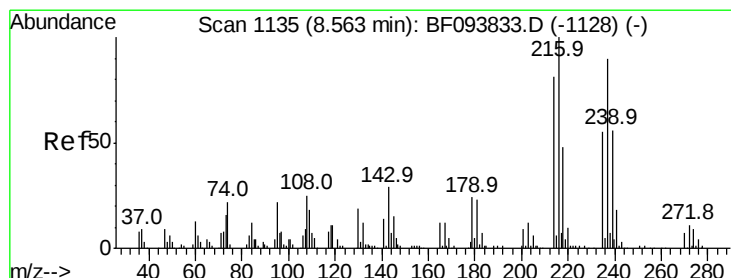
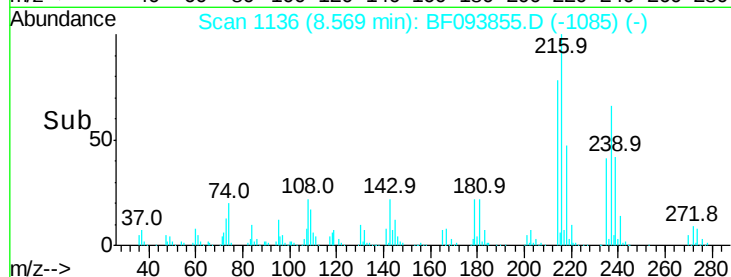
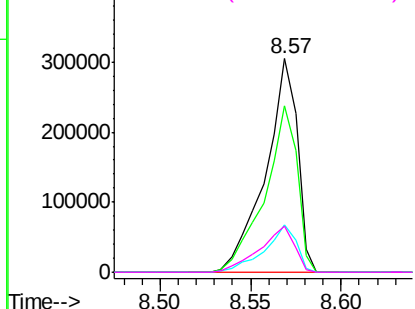
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.51 ng
 RT: 8.57 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

Tot Ion:	216	Resp:	372030
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	22.4	17.9	26.9
108	23.6	16.5	24.7

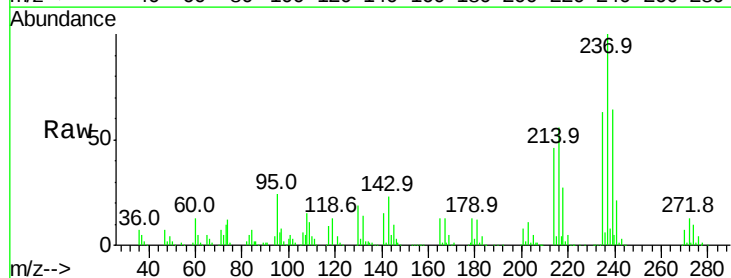


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

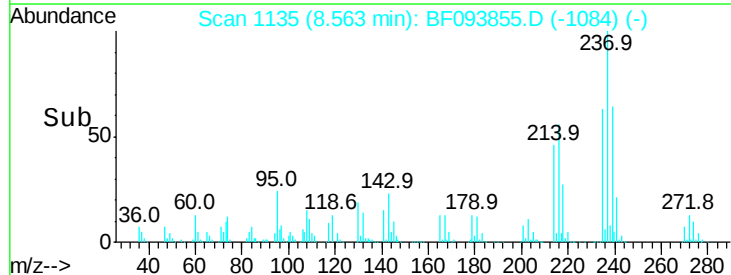
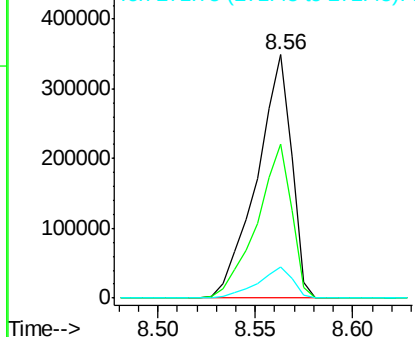


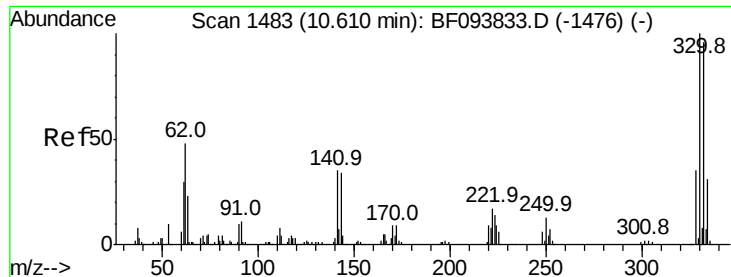
#40
 Hexachlorocyclopentadiene
 Concen: 92.85 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion:	237	Resp:	430967
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.6	82.6
272	12.9	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

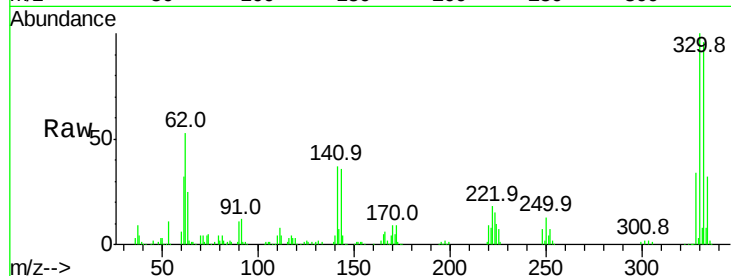




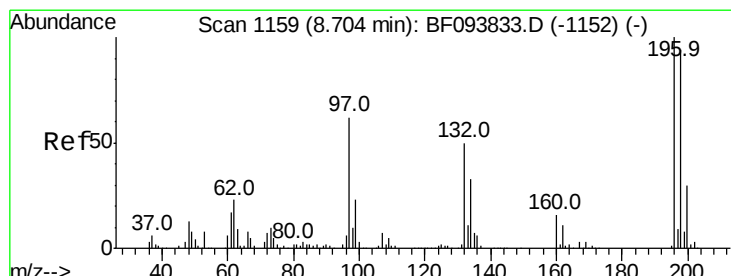
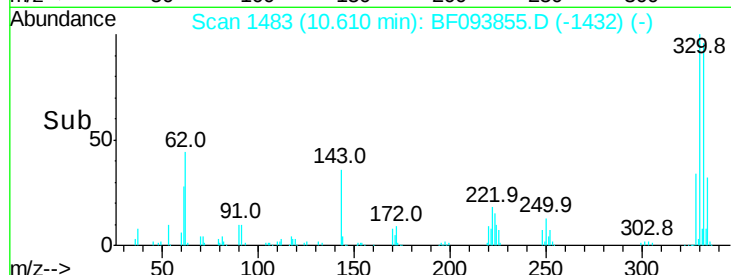
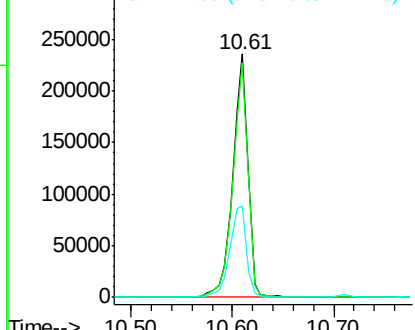
#41
 2,4,6-Tribromophenol
 Concen: 85.60 ng
 RT: 10.61 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

Tot Ion:330 Resp: 245278
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 41.9 31.4 47.2

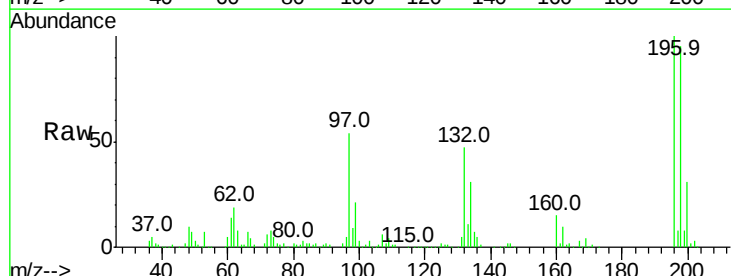


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

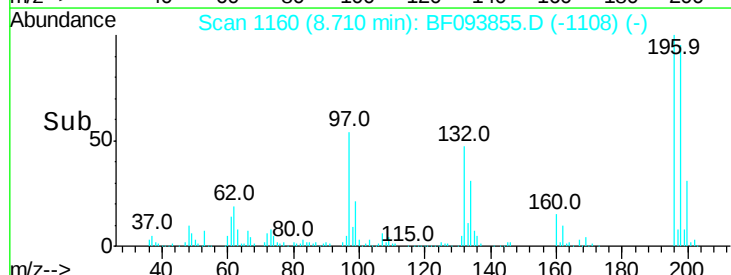
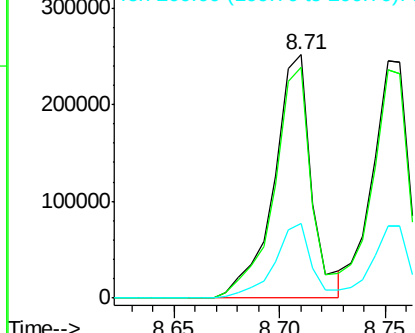


#42
 2,4,6-Trichlorophenol
 Concen: 44.62 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion:196 Resp: 313106
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.4
 200 30.5 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

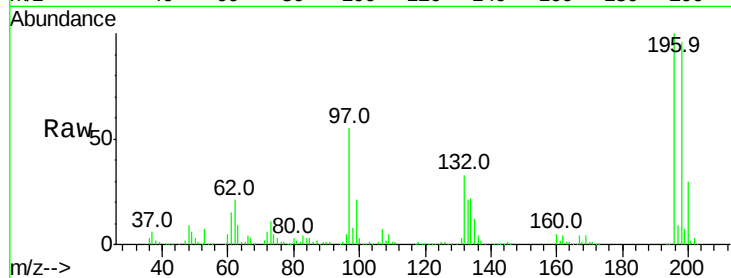




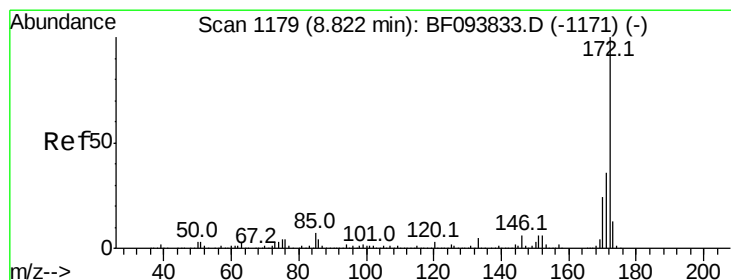
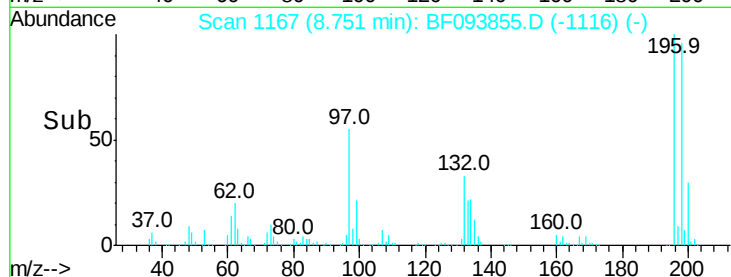
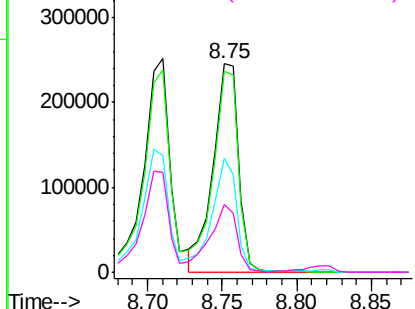
#43
 2,4,5-Trichlorophenol
 Concen: 38.79 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

Tot Ion:196 Resp: 294554
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 97 54.8 47.7 71.5
 132 32.8 28.0 42.0

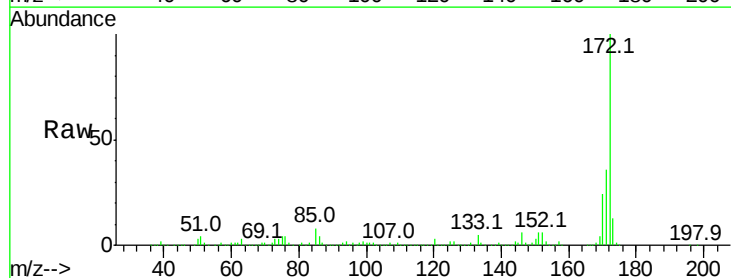


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

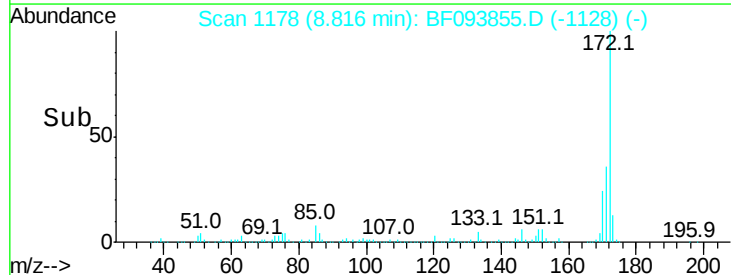
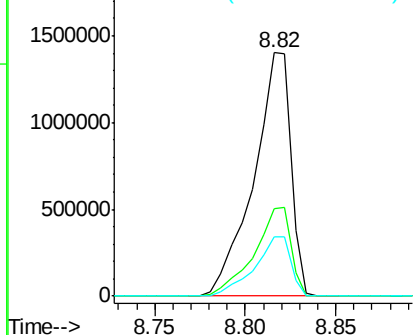


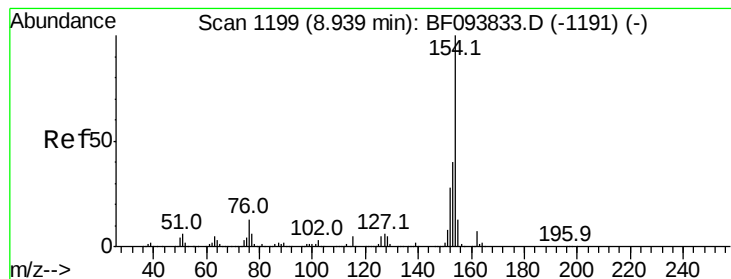
#44
 2-Fluorobiphenyl
 Concen: 84.23 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion:172 Resp: 2002452
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.1 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: 40.13 ng

RT: 8.94 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

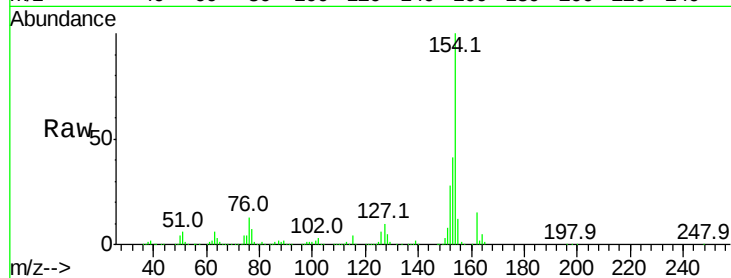
Tot Ion:154 Resp: 1173516

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

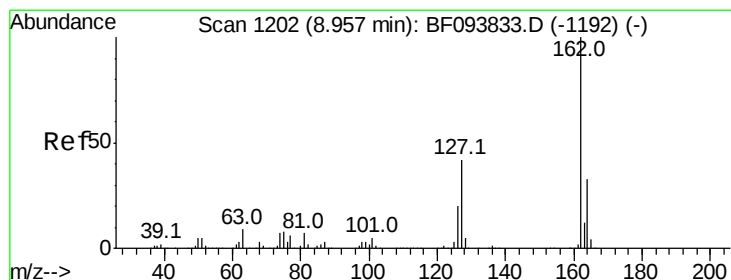
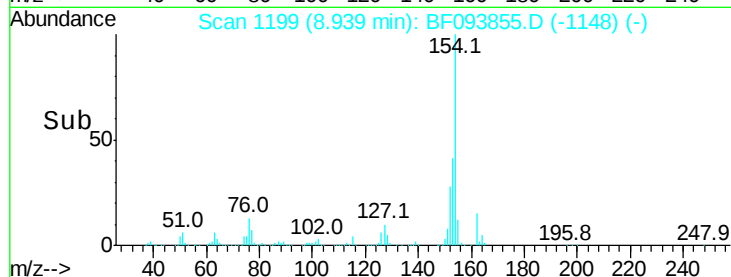
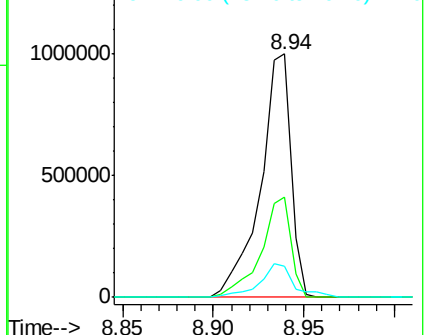
76 12.9 0.0 29.9



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: 40.31 ng

RT: 8.96 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

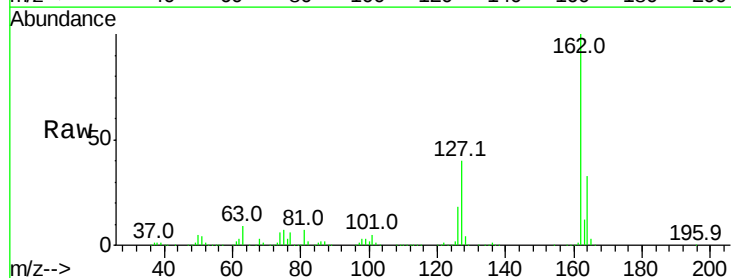
Tgt Ion:162 Resp: 922962

Ion Ratio Lower Upper

162 100

127 40.2 28.3 42.5

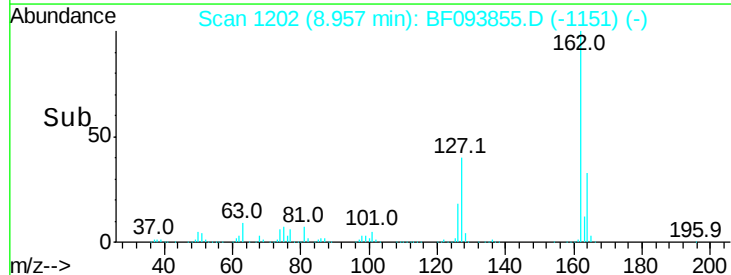
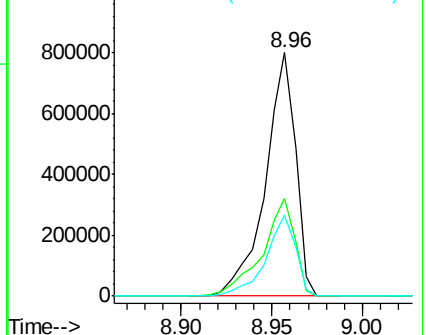
164 33.5 27.0 40.4

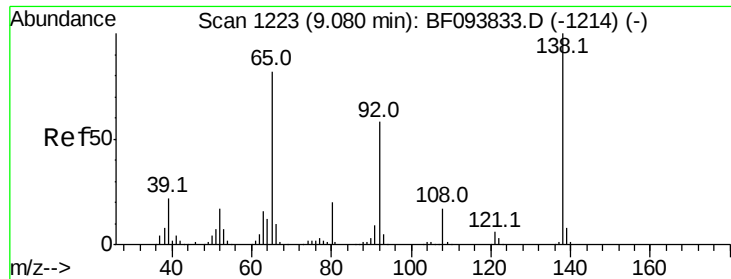


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.86 ng

RT: 9.07 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

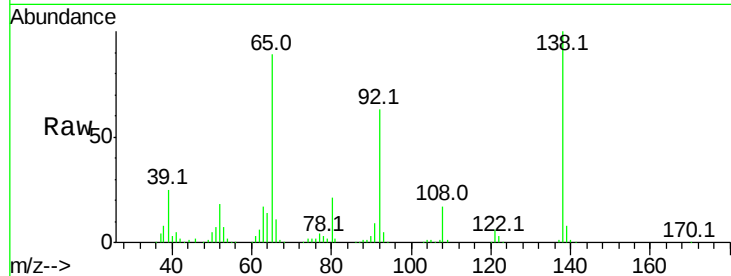
Tot Ion: 65 Resp: 263916

Ion Ratio Lower Upper

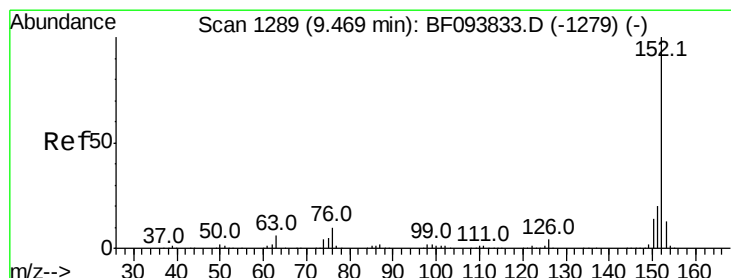
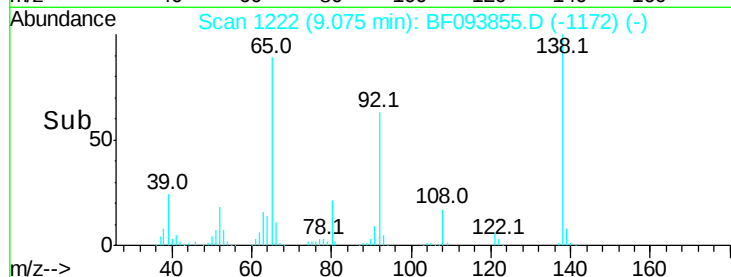
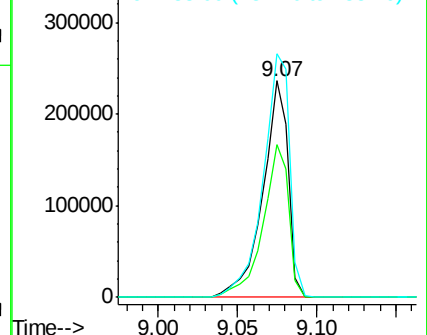
65 100

92 70.4 53.9 80.9

138 112.5 78.8 118.2



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



#48

Acenaphthylene

Concen: 38.41 ng

RT: 9.46 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

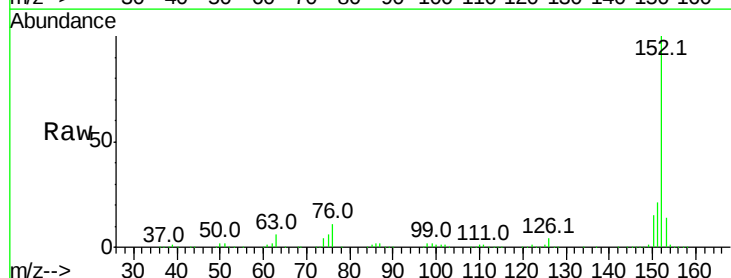
Tgt Ion: 152 Resp: 1461560

Ion Ratio Lower Upper

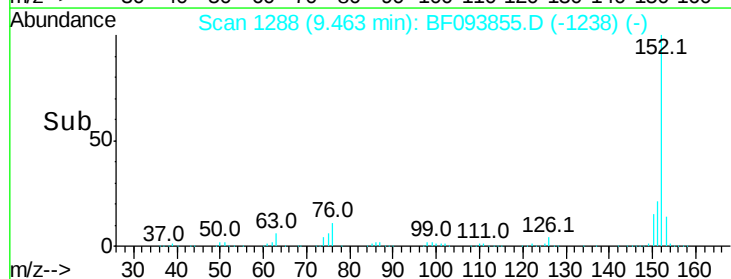
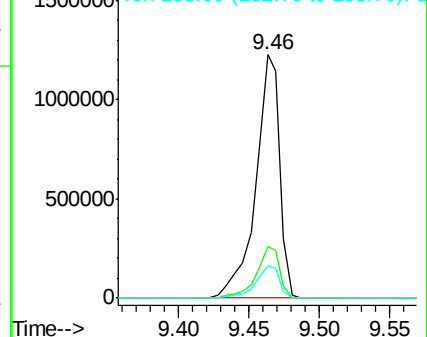
152 100

151 21.0 16.8 25.2

153 13.5 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: 41.43 ng

RT: 9.32 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

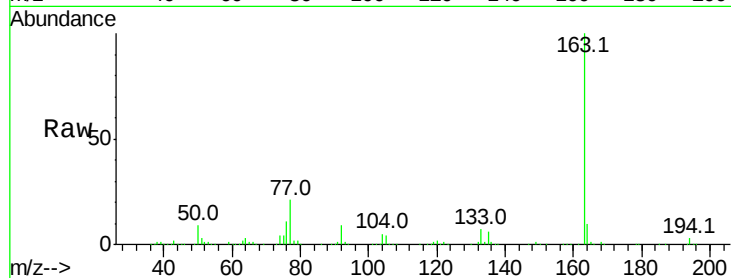
Tot Ion:163 Resp: 1067764

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

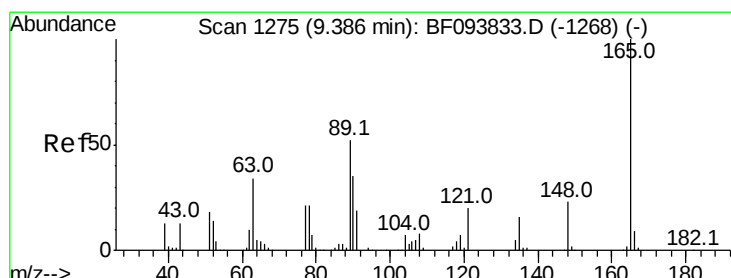
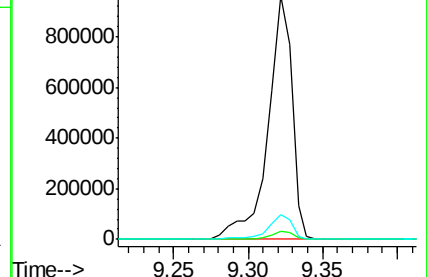
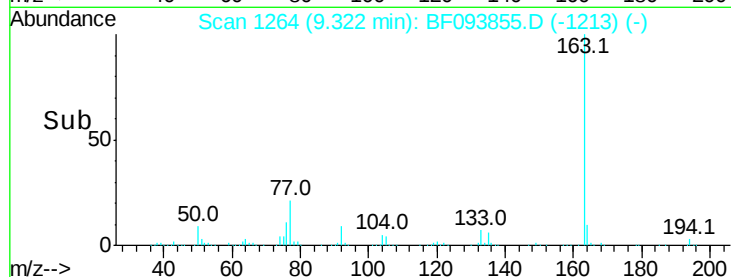
164 10.3 8.4 12.6



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: 40.49 ng

RT: 9.39 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

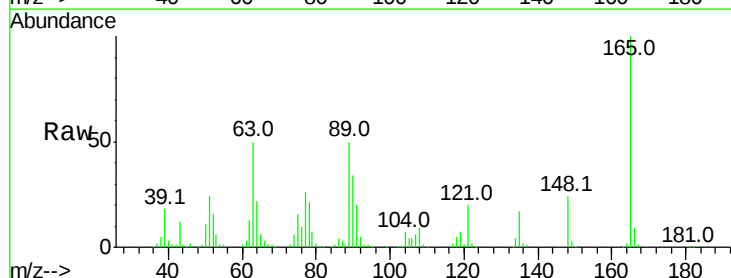
Tgt Ion:165 Resp: 239212

Ion Ratio Lower Upper

165 100

63 50.0 34.3 51.5

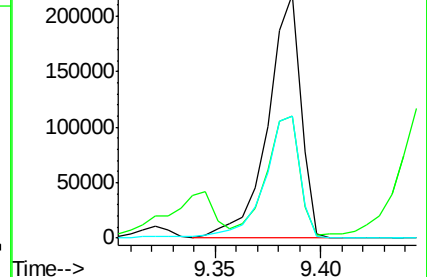
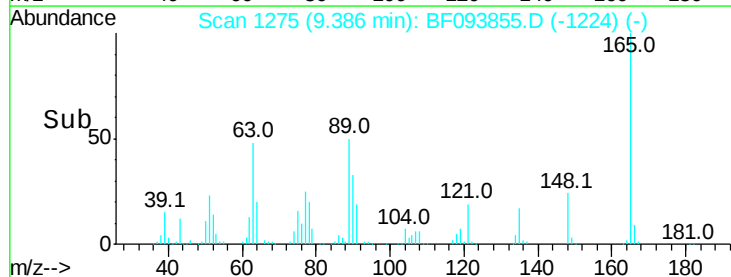
89 49.9 37.1 55.7

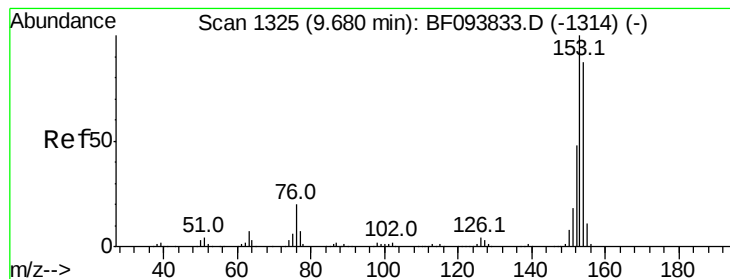


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.78 ng

RT: 9.68 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

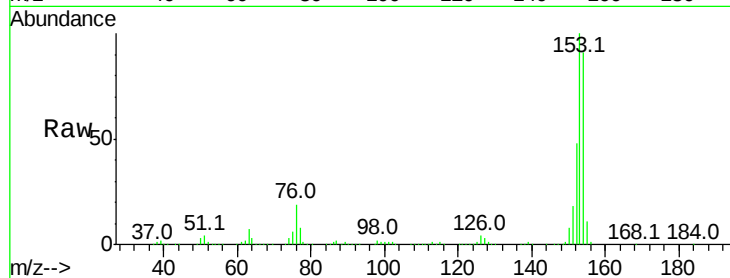
Tot Ion:154 Resp: 883116

Ion Ratio Lower Upper

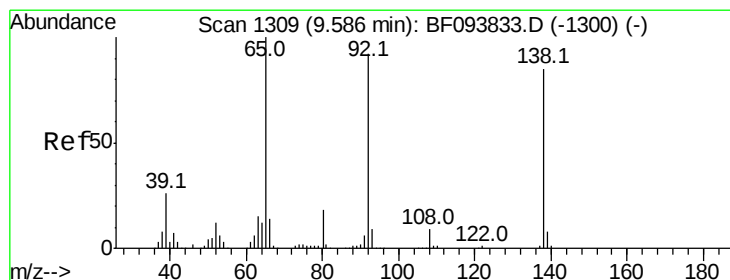
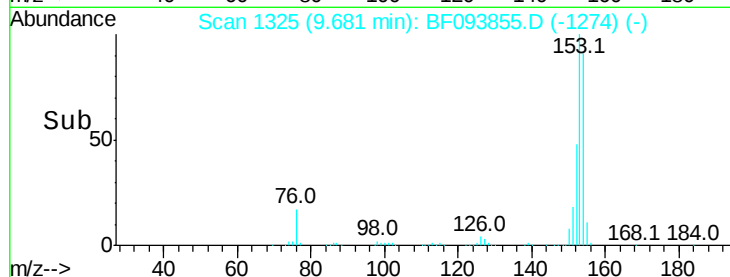
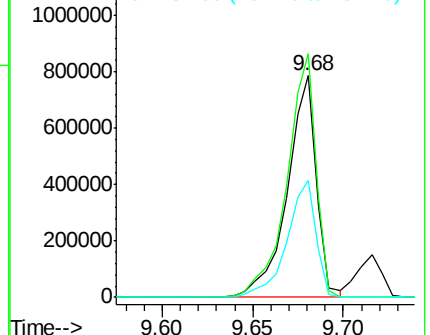
154 100

153 109.9 90.5 135.7

152 52.9 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: 5.64 ng

RT: 9.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

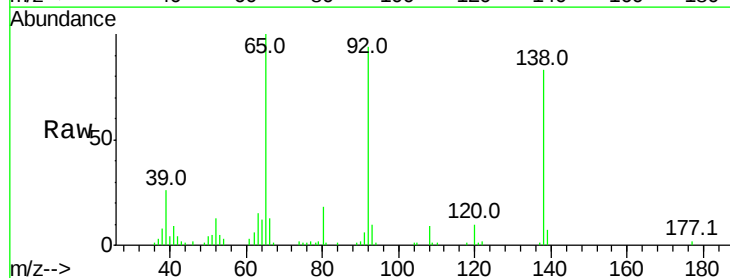
Tgt Ion:138 Resp: 39113

Ion Ratio Lower Upper

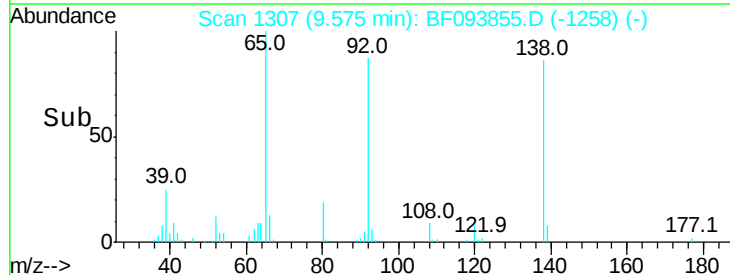
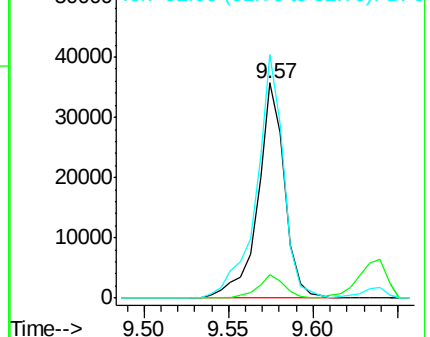
138 100

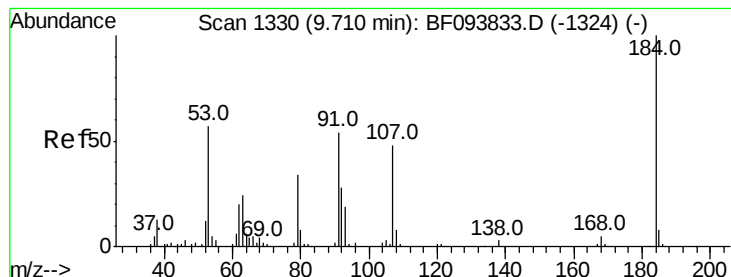
108 10.7 9.1 13.7

92 113.2 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: 78.08 ng

RT: 9.72 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

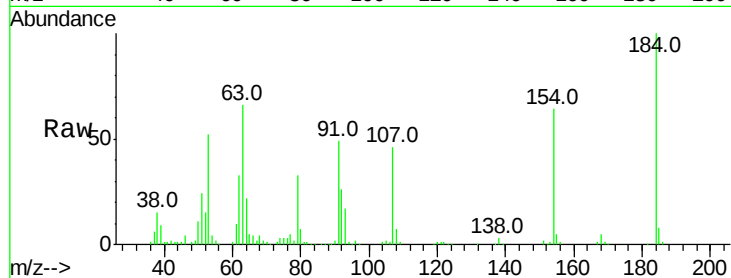
Tot Ion:184 Resp: 246513

Ion Ratio Lower Upper

184 100

63 66.1 62.7 94.1

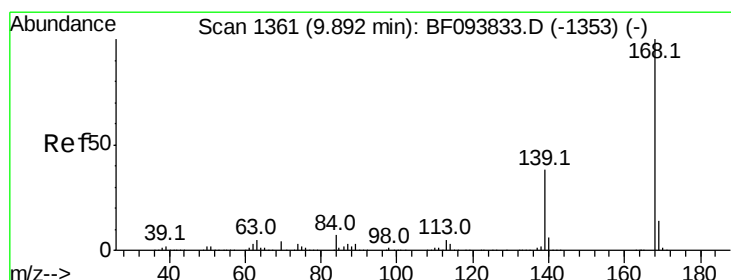
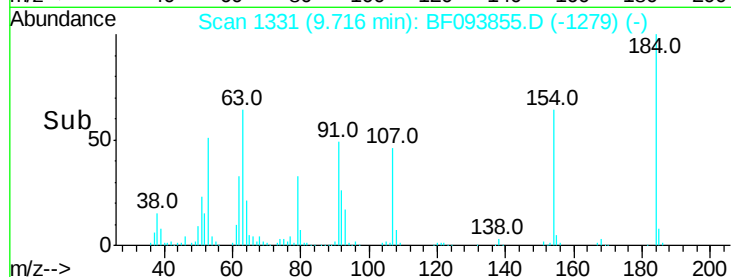
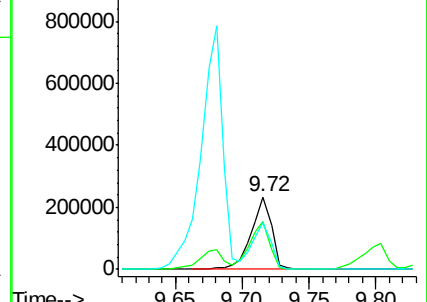
154 64.3 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.25 ng

RT: 9.89 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

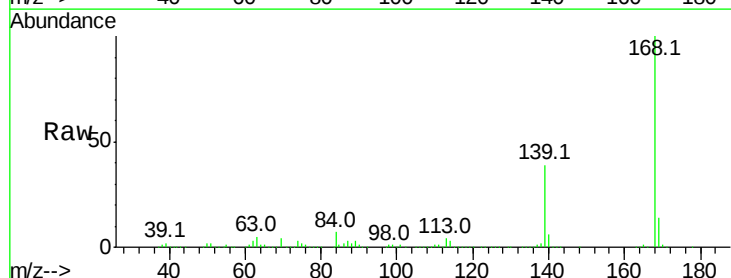
Tgt Ion:168 Resp: 1277025

Ion Ratio Lower Upper

168 100

139 38.6 30.6 45.8

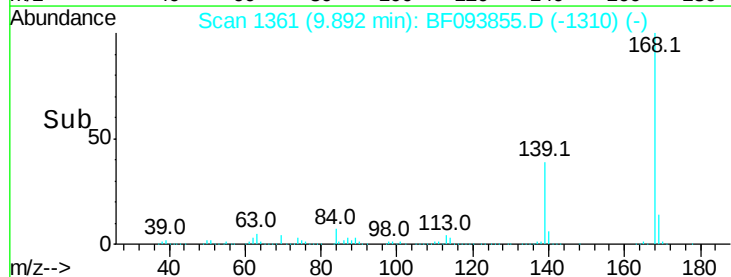
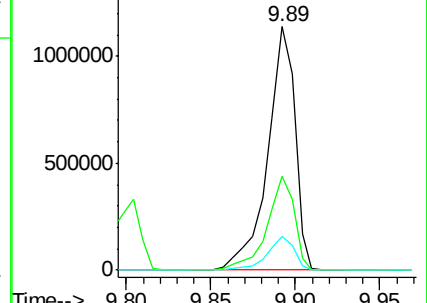
169 13.9 10.8 16.2

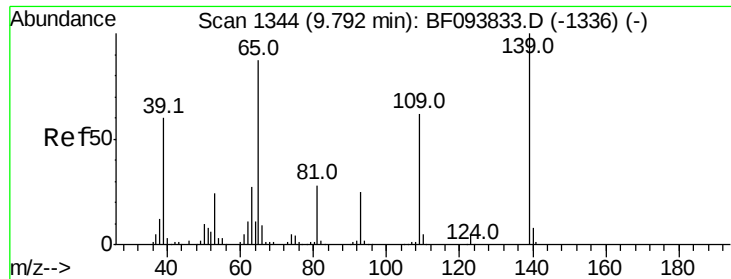


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 77.78 ng

RT: 9.80 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

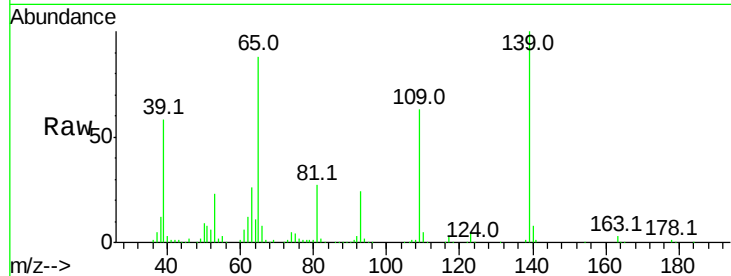
Tot Ion:139 Resp: 422610

Ion Ratio Lower Upper

139 100

109 62.9 34.1 74.1

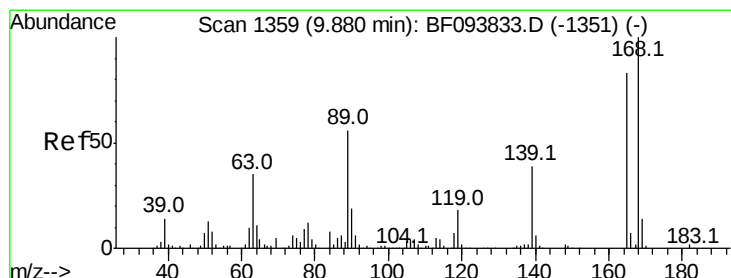
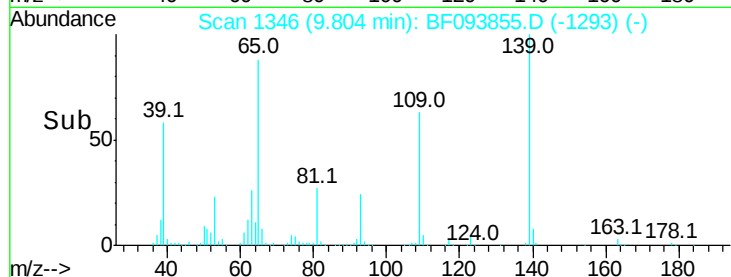
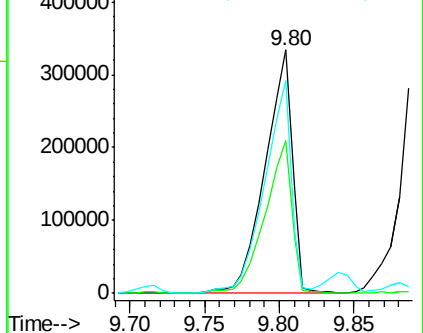
65 87.6 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.52 ng

RT: 9.88 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Tgt Ion:165 Resp: 308166

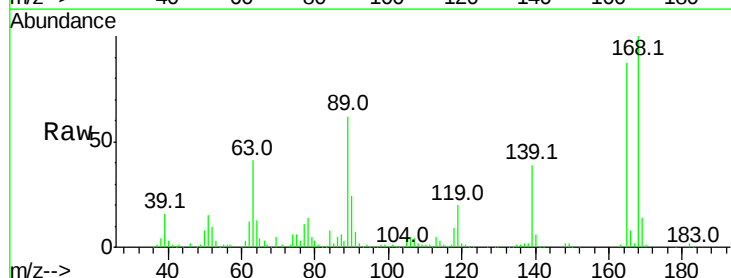
Ion Ratio Lower Upper

165 100

63 46.6 25.4 38.0#

89 71.2 46.4 69.6#

182 2.4 1.8 2.6

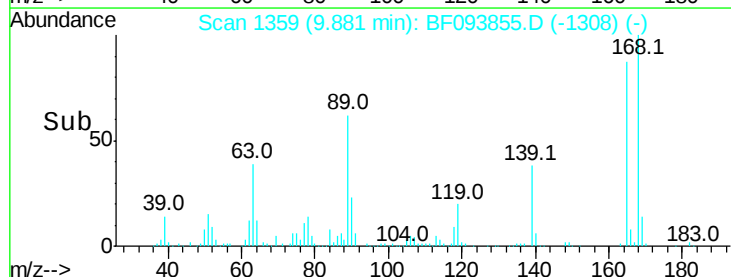
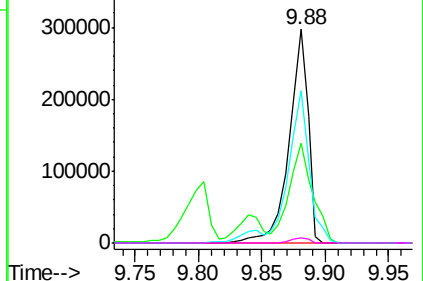


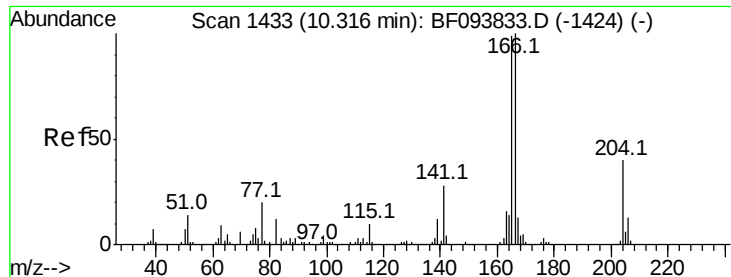
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

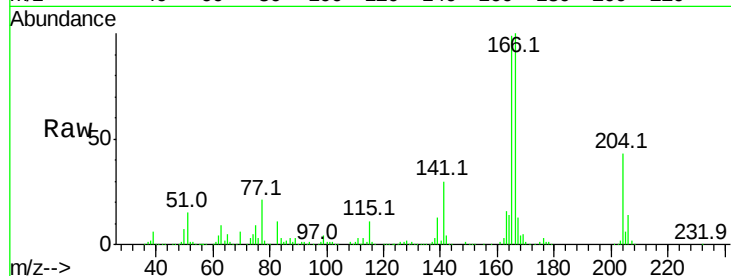




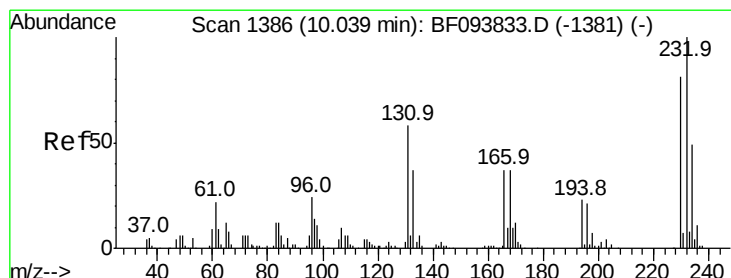
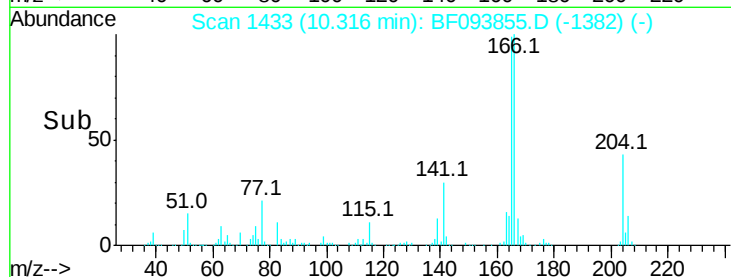
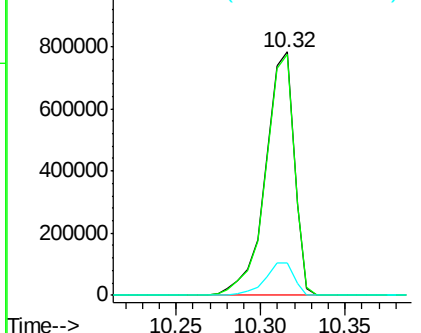
#57
 Fluorene
 Concen: 36.91 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Instrument :
 BNA_F
 ClientSampleID :
 PB97750BSD

Tot Ion:166 Resp: 925087
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 13.3 10.6 16.0

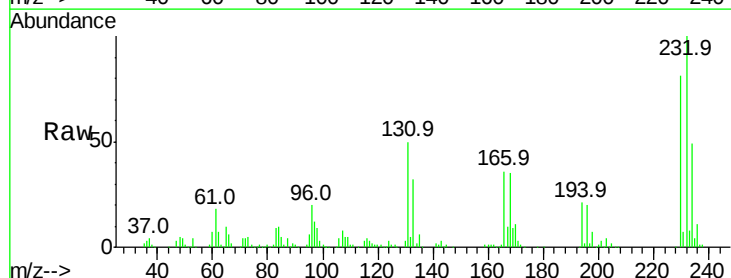


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

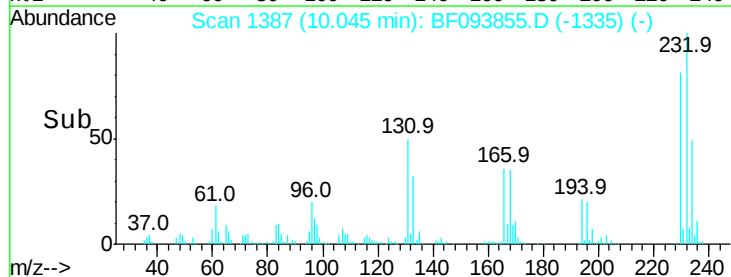
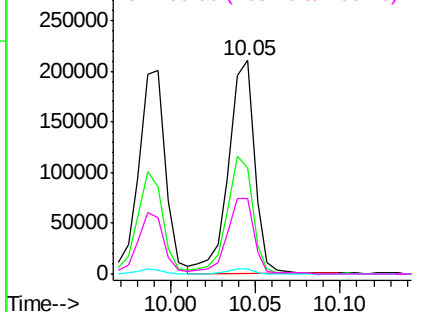


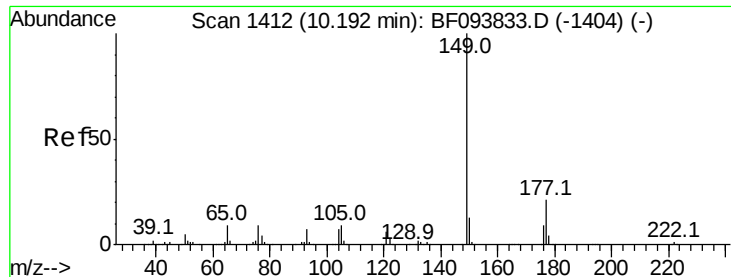
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.54 ng
 RT: 10.05 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion:232 Resp: 226839
 Ion Ratio Lower Upper
 232 100
 131 54.4 44.8 67.2
 130 2.8 2.3 3.5
 166 37.1 29.0 43.4



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

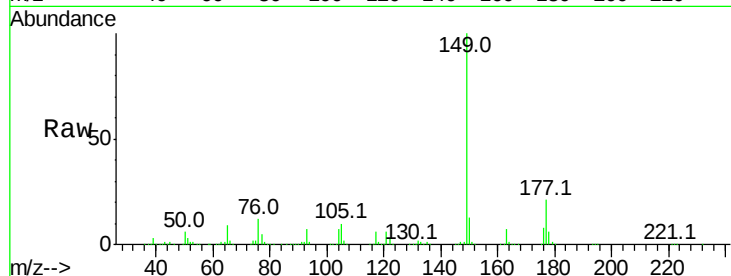




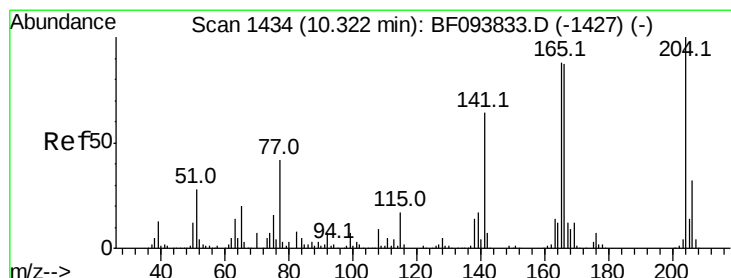
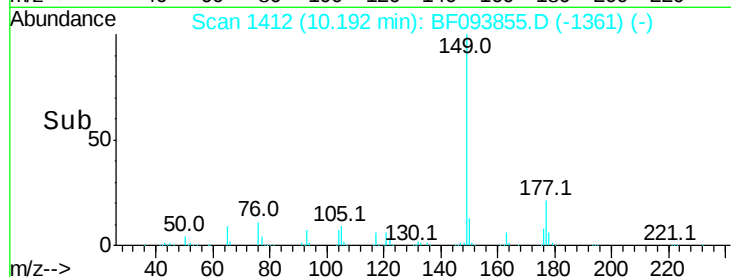
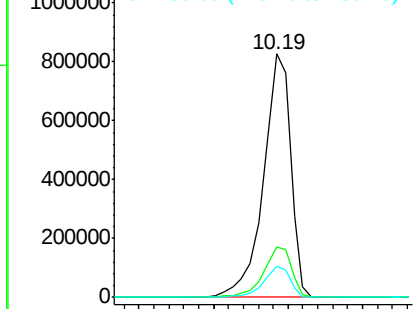
#59
Diethylphthalate
Concen: 40.79 ng
RT: 10.19 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Instrument :
BNA_F
ClientSampled :
PB97750BSD

Tot Ion:149 Resp: 1039106
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.8 10.2 15.2

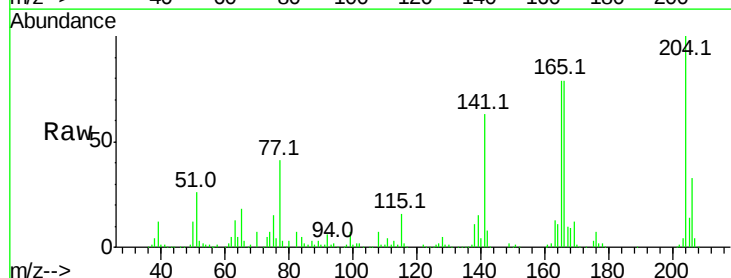


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

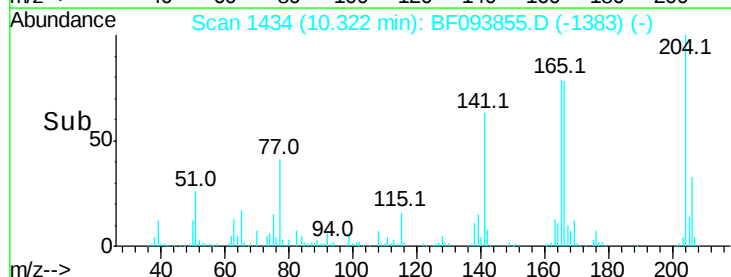
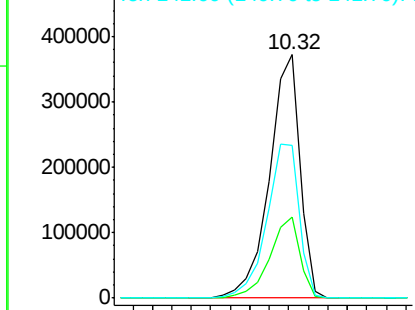


#60
4-Chlorophenyl-phenylether
Concen: 37.89 ng
RT: 10.32 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Tgt Ion:204 Resp: 404519
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 62.9 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: 34.94 ng

RT: 10.34 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

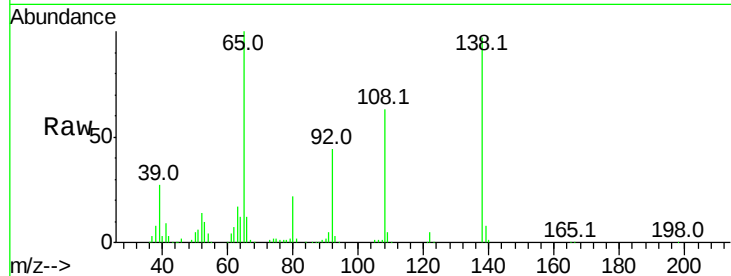
Tot Ion:138 Resp: 232617

Ion Ratio Lower Upper

138 100

92 45.5 21.8 61.8

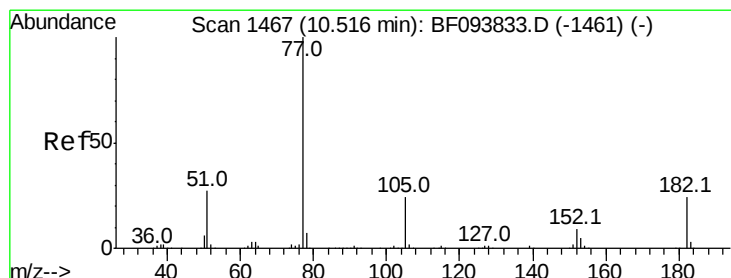
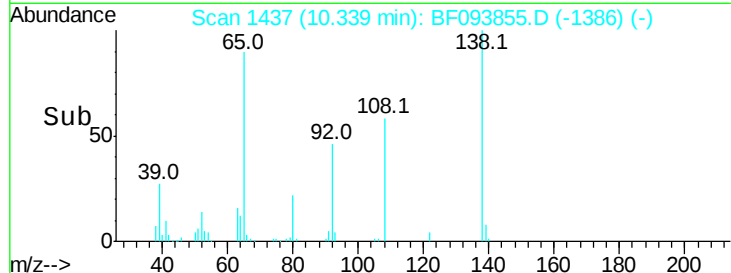
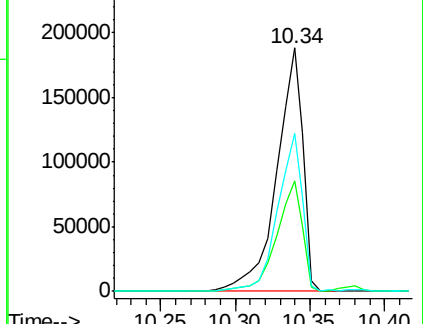
108 64.8 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.02 ng

RT: 10.52 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Tgt Ion: 77 Resp: 1036786

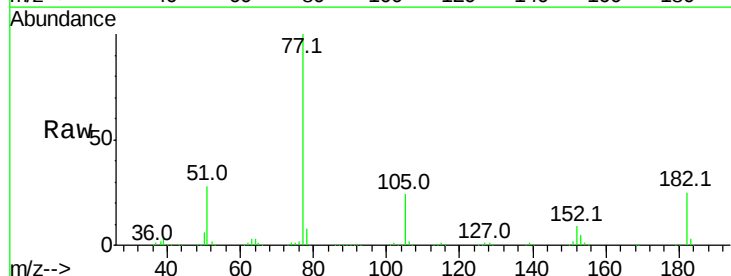
Ion Ratio Lower Upper

77 100

182 25.0 0.1 40.1

105 24.0 3.6 43.6

51 27.8 9.4 49.4

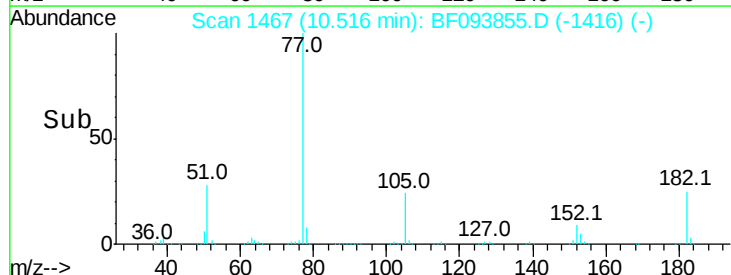
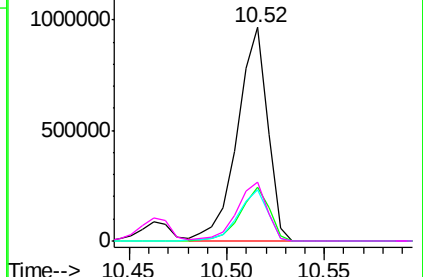


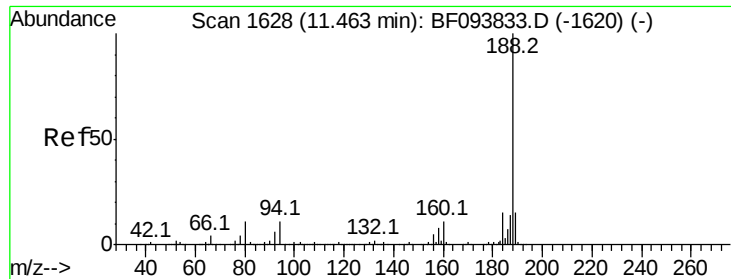
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

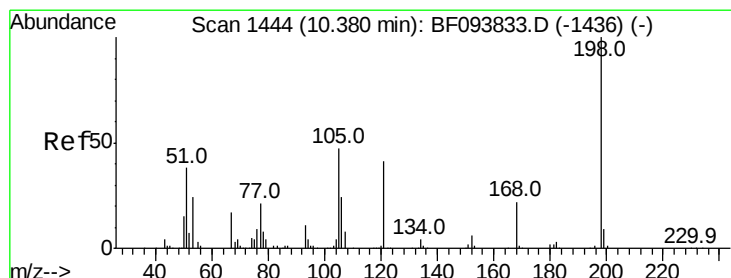
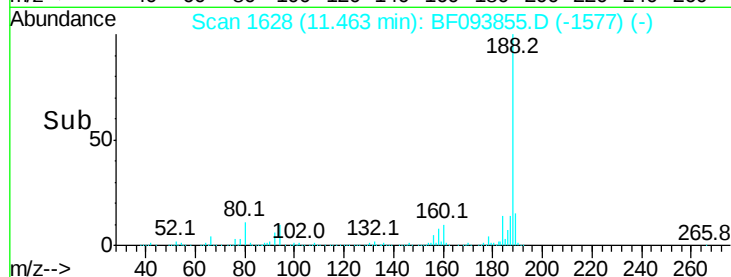
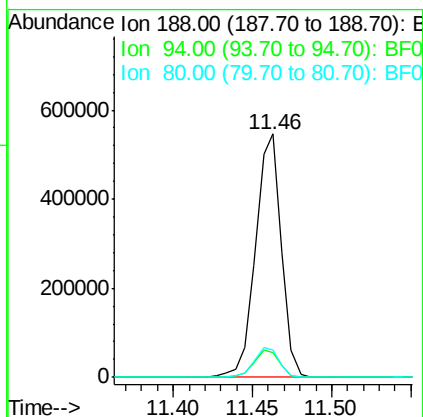
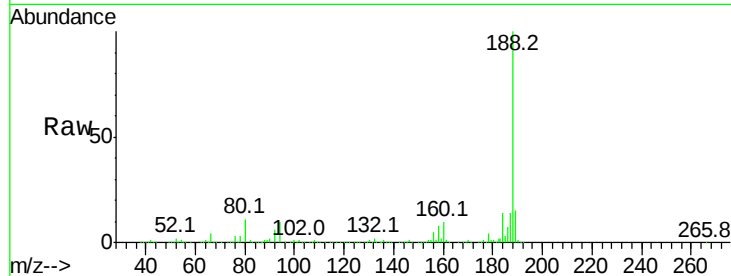




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

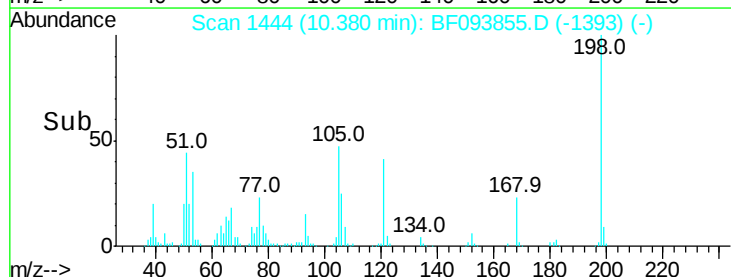
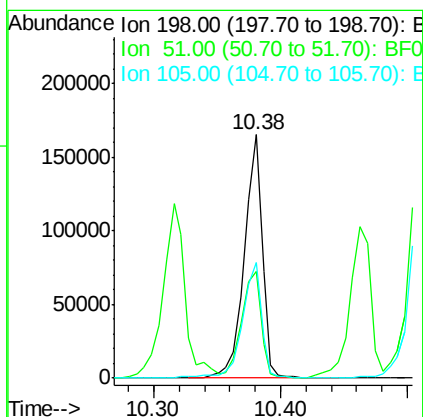
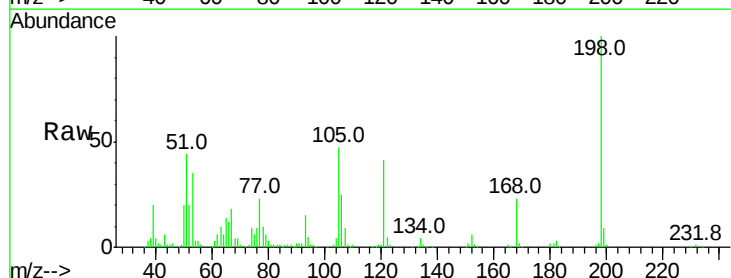
Instrument :
BNA_F
ClientSampleId :
PB97750BSD

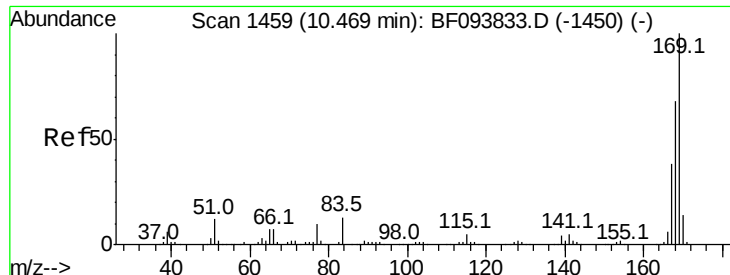
Tot Ion:188 Resp: 616743
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 43.06 ng
RT: 10.38 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Tgt Ion:198 Resp: 162653
Ion Ratio Lower Upper
198 100
51 44.0 53.2 93.2#
105 47.4 45.8 85.8

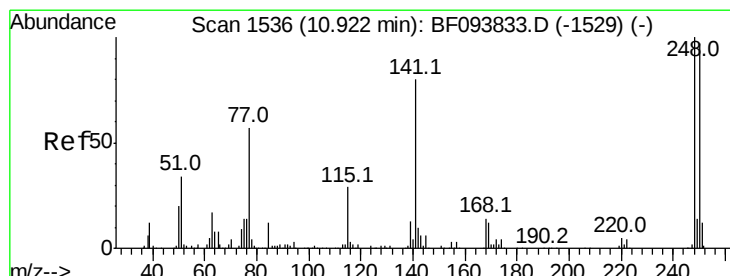
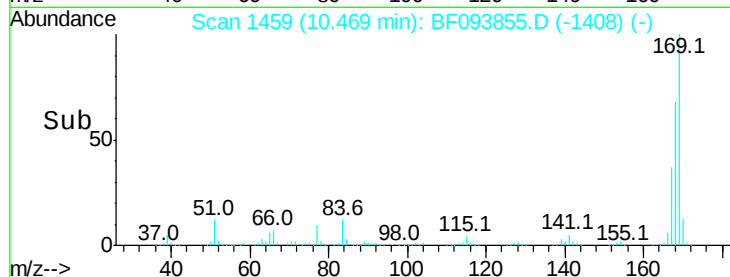
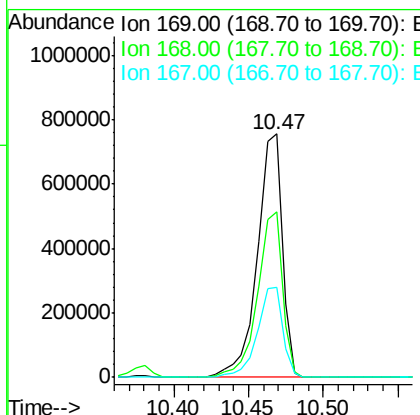
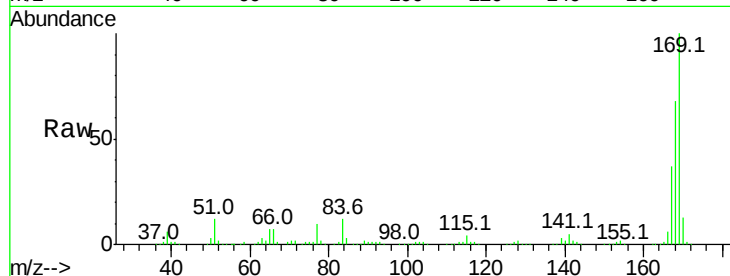




#65
 n-Nitrosodiphenylamine
 Concen: 40.75 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

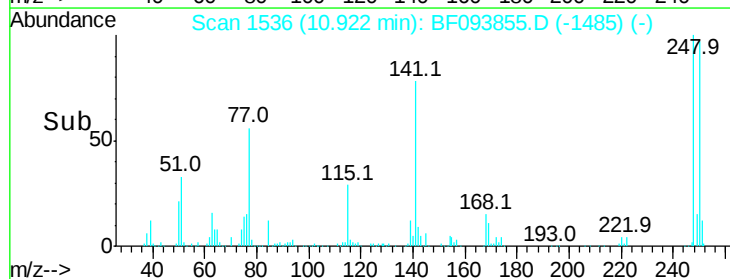
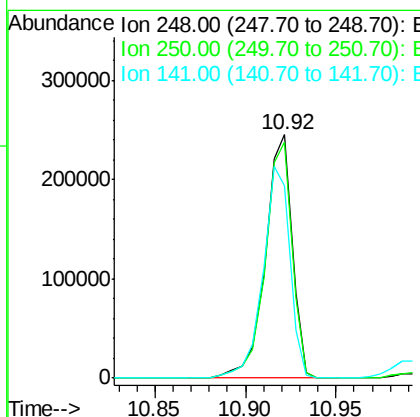
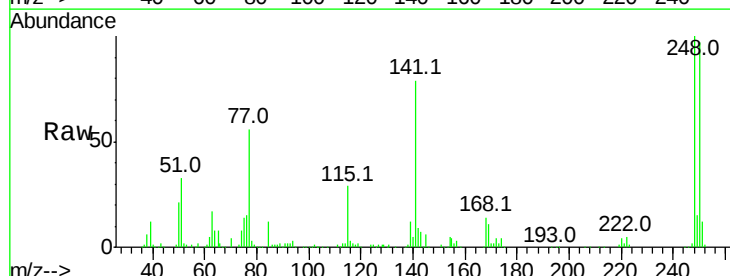
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

Tot Ion:169 Resp: 869150
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.2 79.8
 167 37.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 41.67 ng
 RT: 10.92 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion:248 Resp: 252785
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.8 115.2
 141 79.0 68.6 103.0

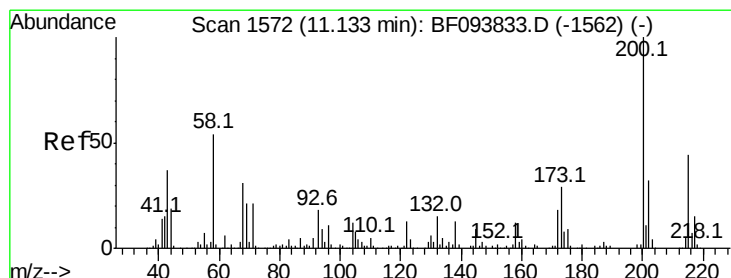
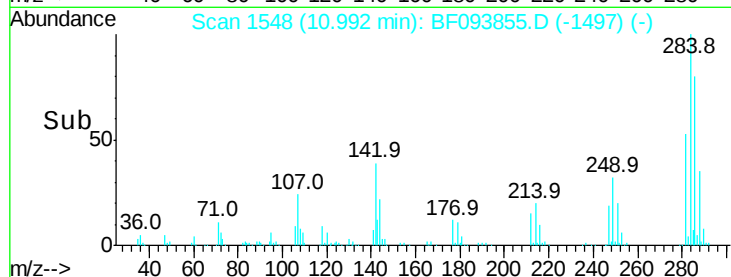
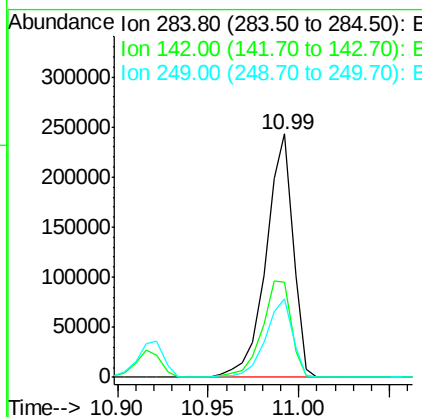
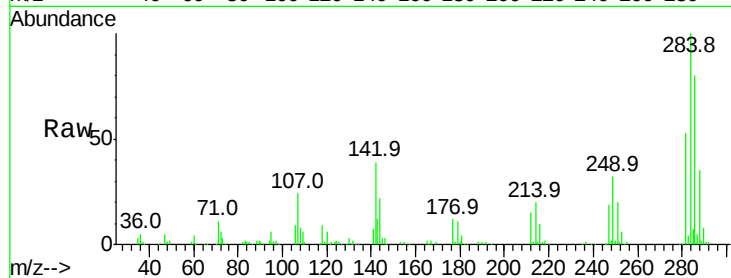




#67
Hexachlorobenzene
Concen: 41.02 ng
RT: 10.99 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

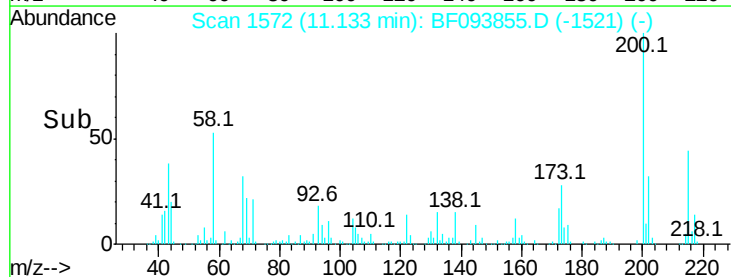
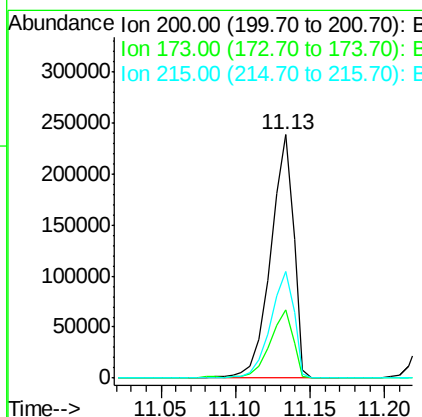
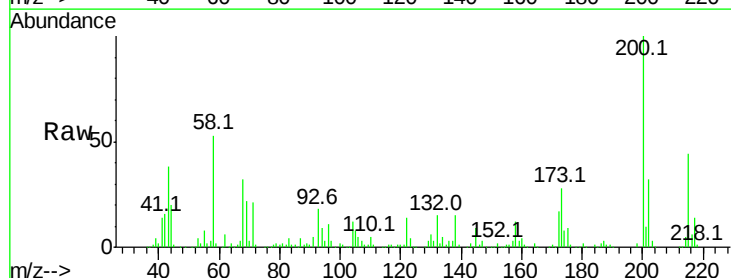
Instrument :
BNA_F
ClientSampleId :
PB97750BSD

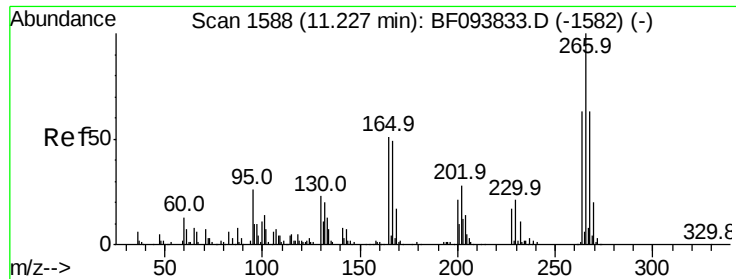
Tot Ion:284 Resp: 251883
Ion Ratio Lower Upper
284 100
142 39.3 22.8 34.2#
249 32.3 24.0 36.0



#68
Atrazine
Concen: 39.93 ng
RT: 11.13 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Tgt Ion:200 Resp: 255054
Ion Ratio Lower Upper
200 100
173 28.3 6.3 46.3
215 43.8 27.2 67.2





#69

Pentachlorophenol

Concen: 76.68 ng

RT: 11.23 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

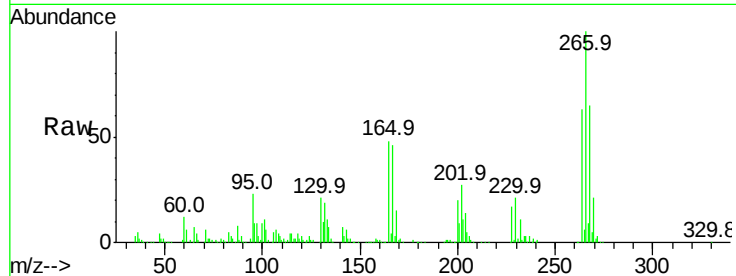
Tot Ion:266 Resp: 293062

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

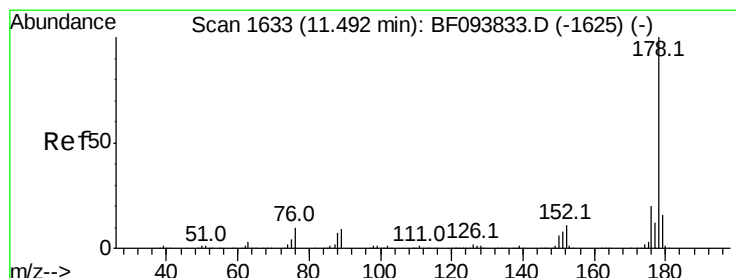
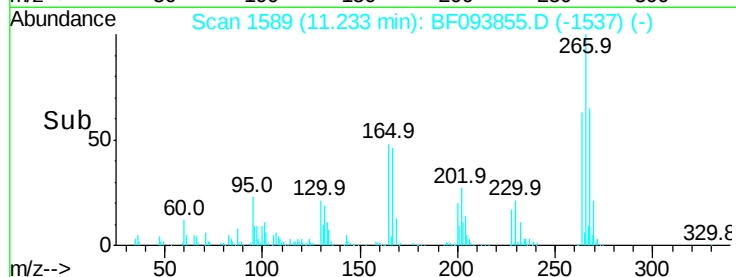
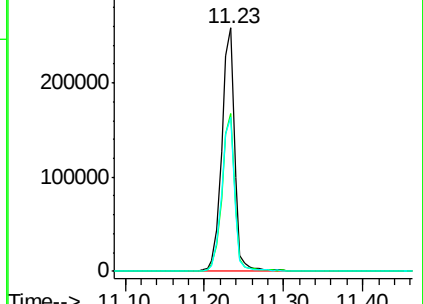
264 63.5 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.31 ng

RT: 11.49 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

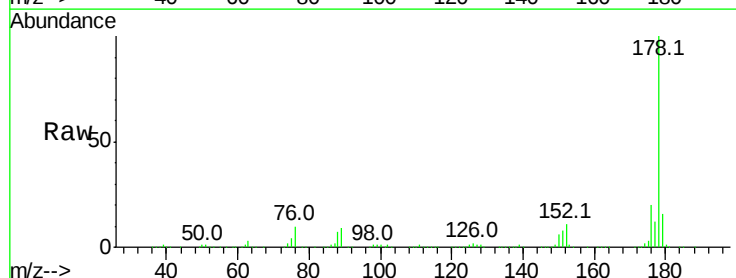
Tgt Ion:178 Resp: 1348571

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

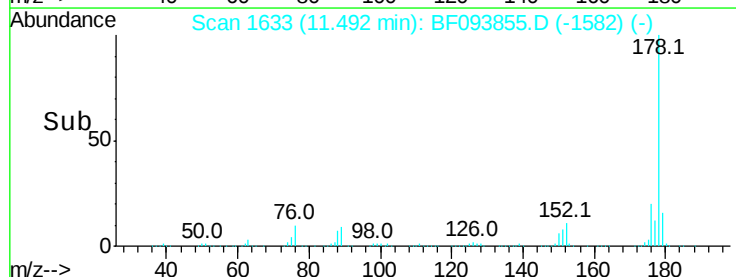
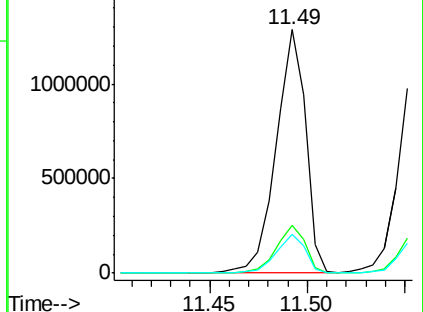
179 16.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

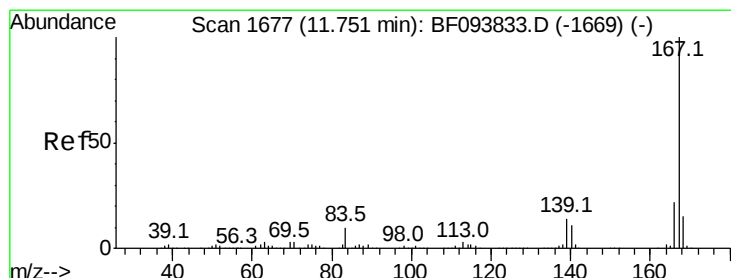
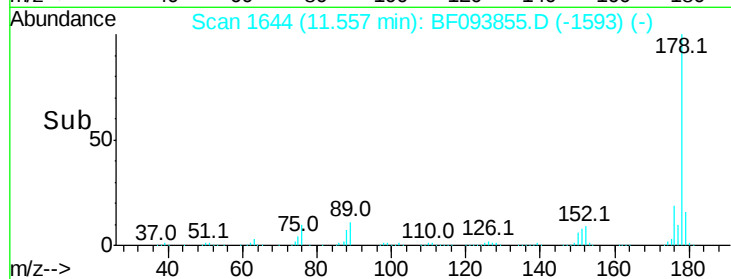
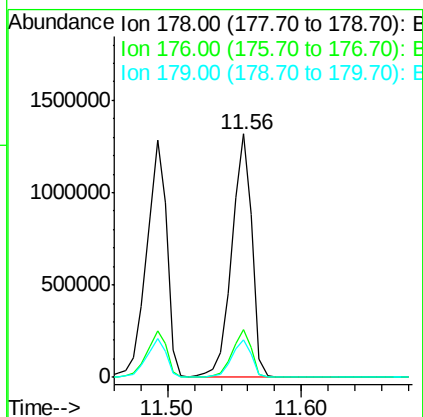
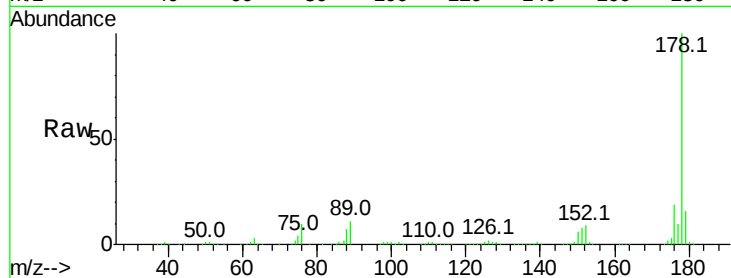




#71
 Anthracene
 Concen: 39.54 ng
 RT: 11.56 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

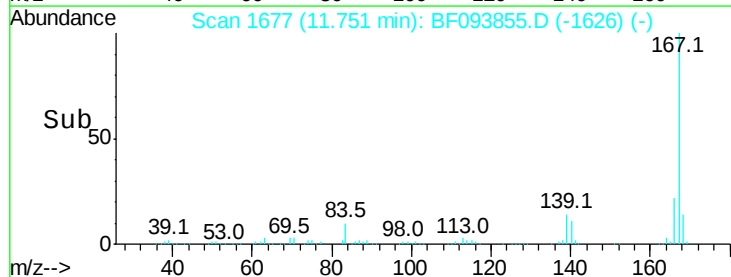
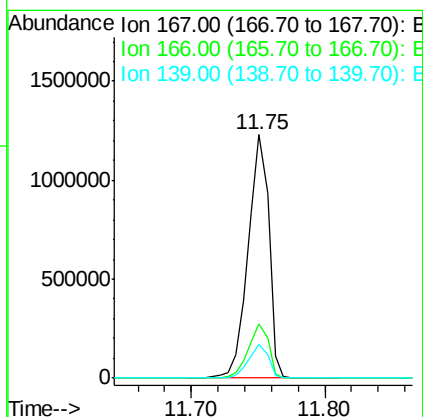
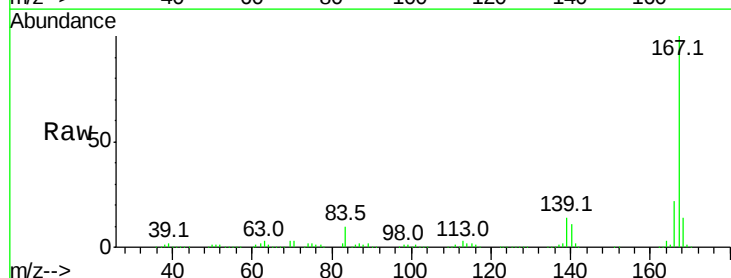
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

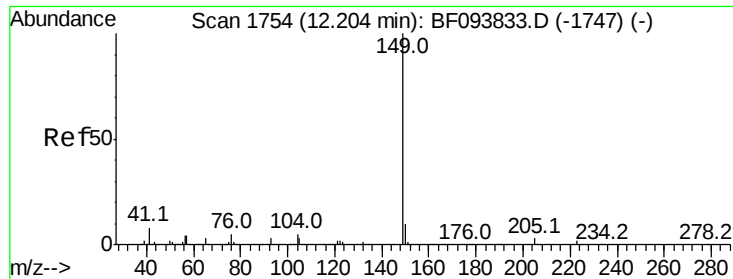
Tot Ion:178 Resp: 1396656
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 36.02 ng
 RT: 11.75 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion:167 Resp: 1304790
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.6 11.7 17.5

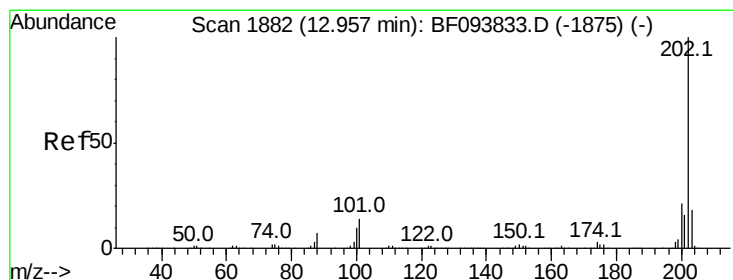
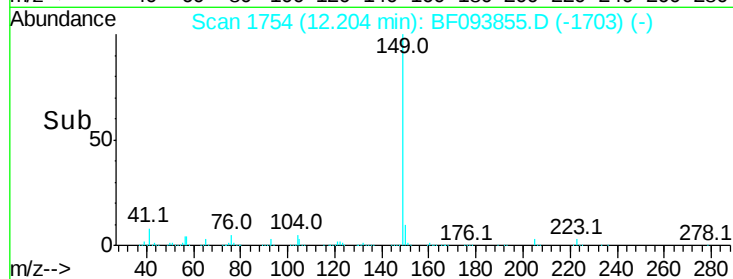
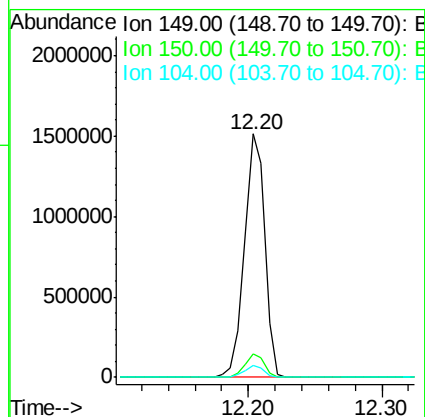
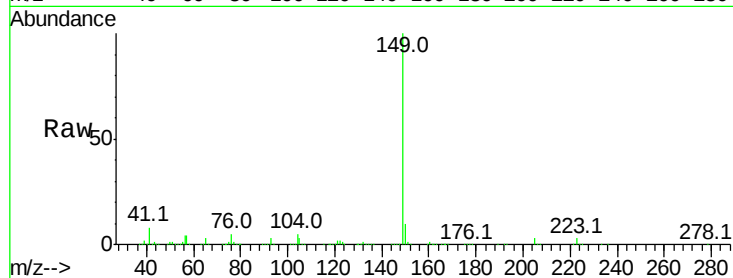




#73
Di-n-butylphthalate
Concen: 42.06 ng
RT: 12.20 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

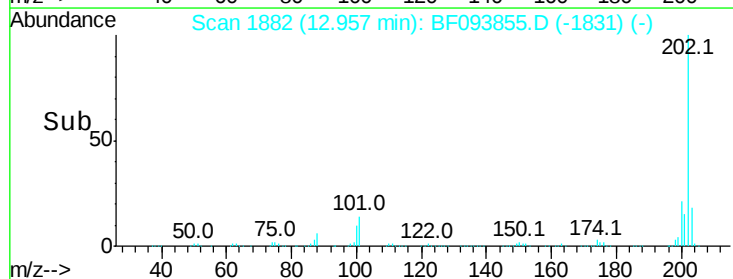
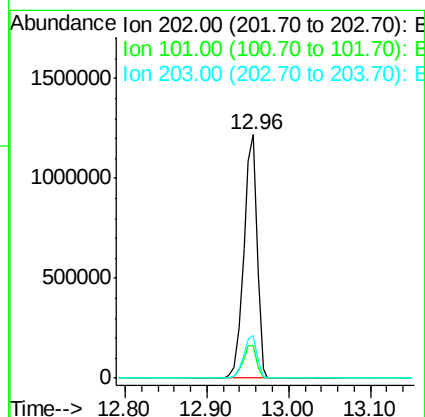
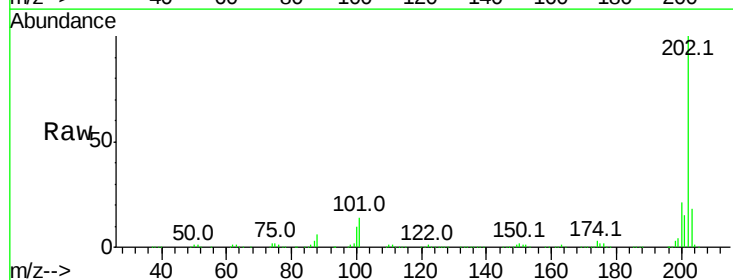
Instrument :
BNA_F
ClientSampleId :
PB97750BSD

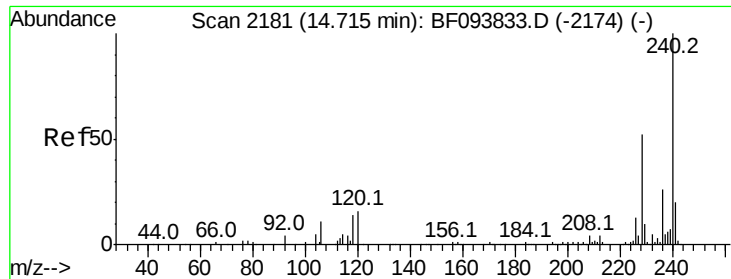
Tot Ion:149 Resp: 1584253
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 38.85 ng
RT: 12.96 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Tgt Ion:202 Resp: 1364855
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.2
203 17.6 0.0 38.1

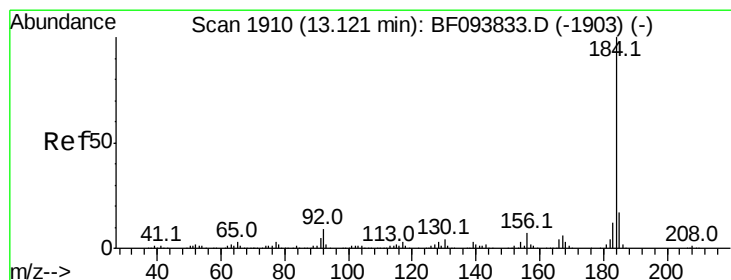
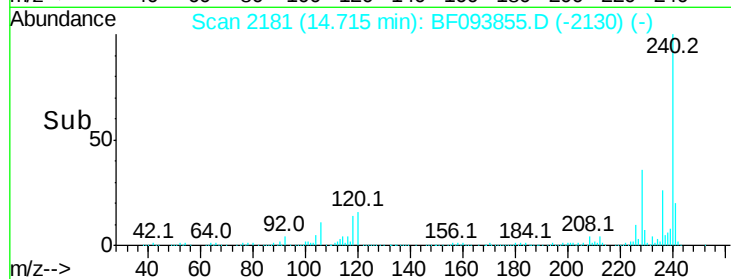
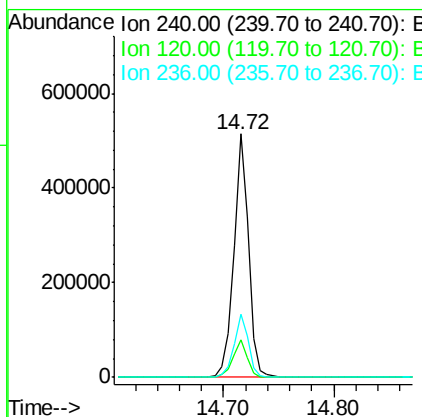
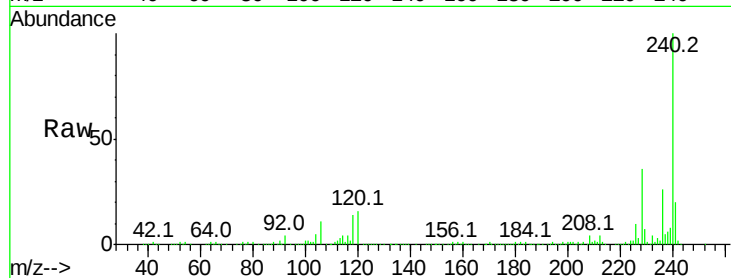




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

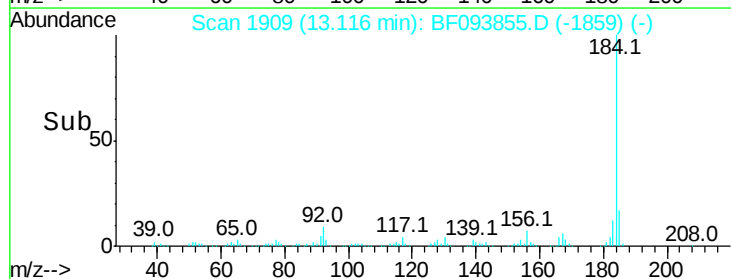
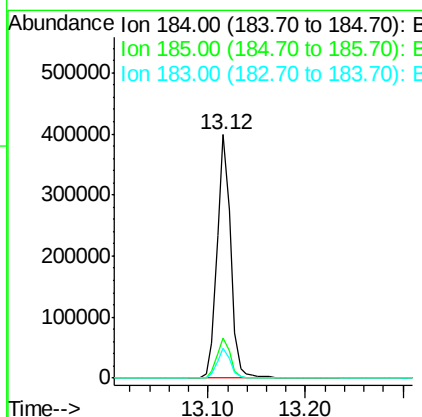
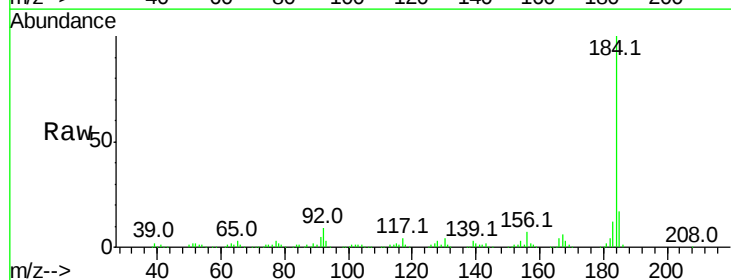
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

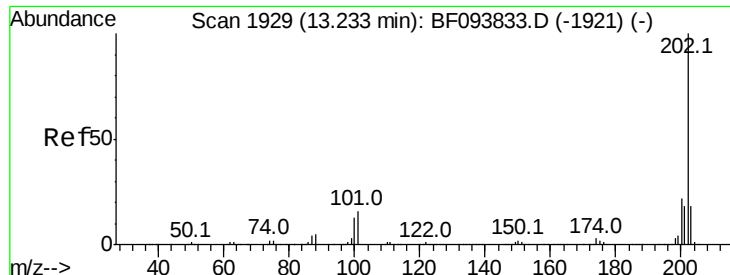
Tot Ion:240 Resp: 482501
 Ion Ratio Lower Upper
 240 100
 120 15.6 5.8 8.8#
 236 25.8 20.5 30.7



#76
 Benzidine
 Concen: 20.20 ng
 RT: 13.12 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion:184 Resp: 385835
 Ion Ratio Lower Upper
 184 100
 185 16.5 15.5 23.3
 183 12.4 9.8 14.6



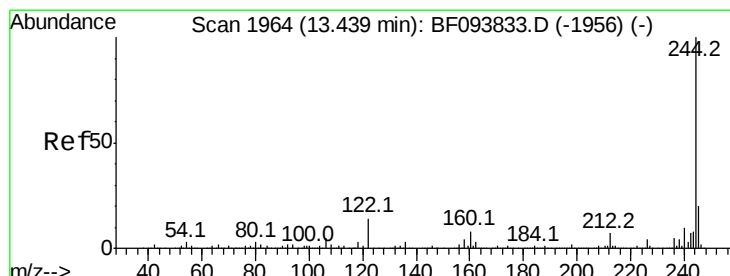
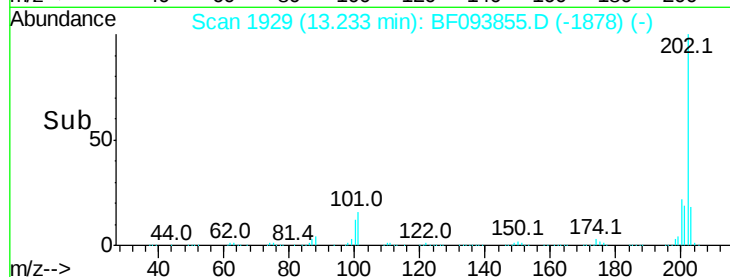
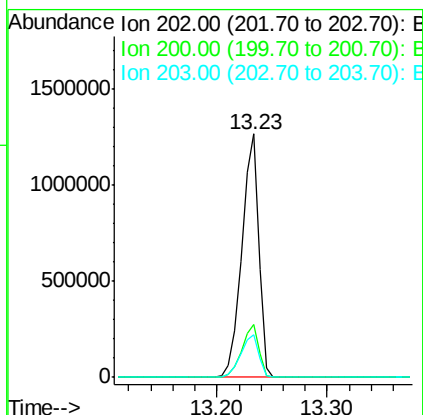
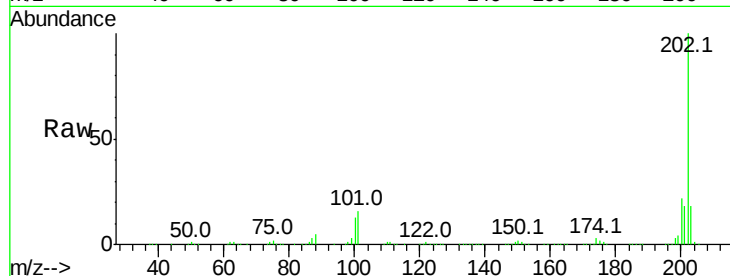


#77
Pvrene
Concen: 39.21 ng
RT: 13.23 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Instrument :
BNA_F
ClientSampleId :
PB97750BSD

Tot Ion:202 Resp: 1372852

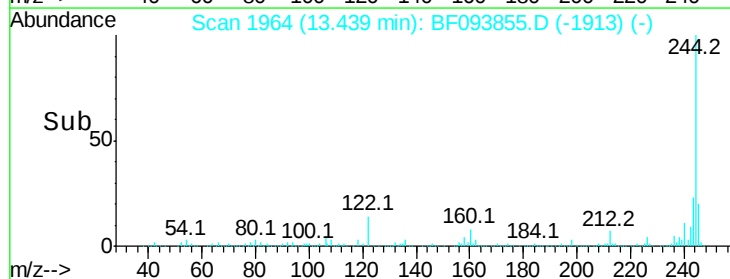
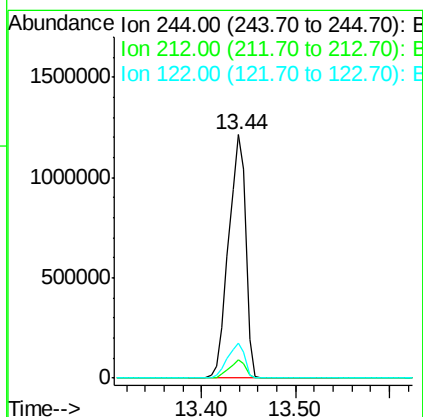
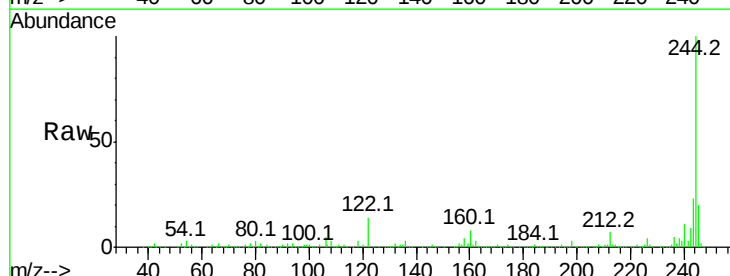
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.6	14.4	21.6



#78
Terphenyl-d14
Concen: 71.36 ng
RT: 13.44 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Tgt Ion:244 Resp: 1535989

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.2	10.3	15.5

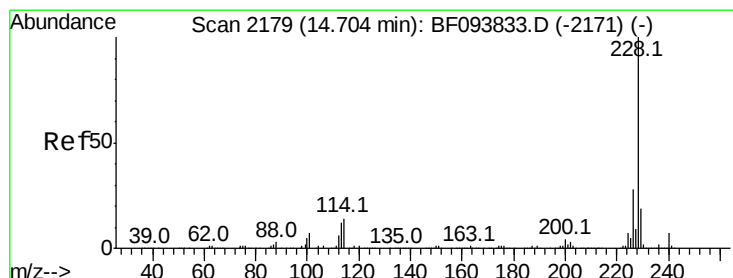
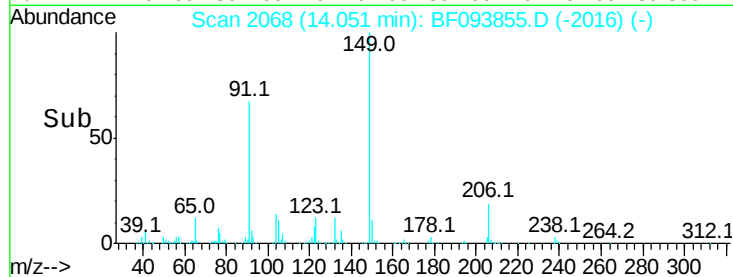
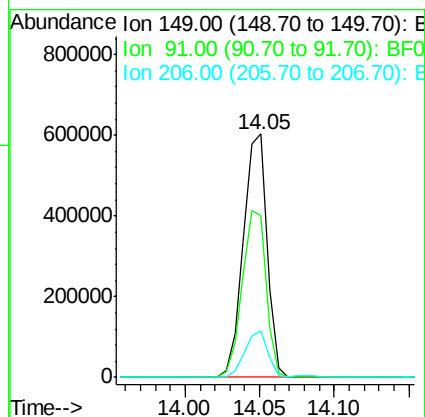
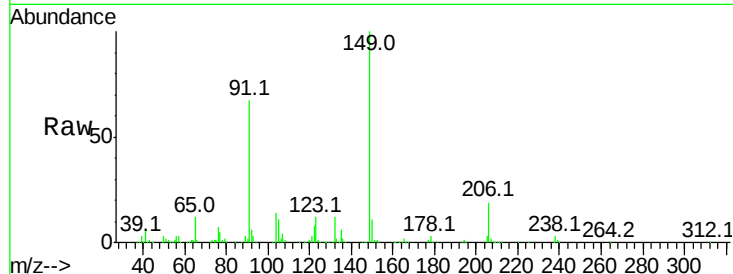




#79
Butylbenzylphthalate
Concen: 44.72 ng
RT: 14.05 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

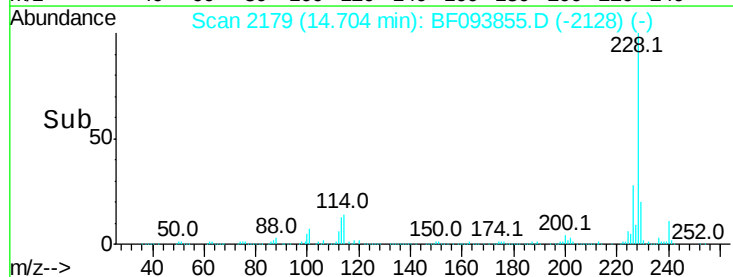
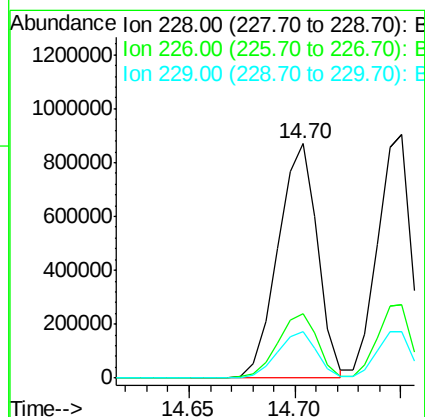
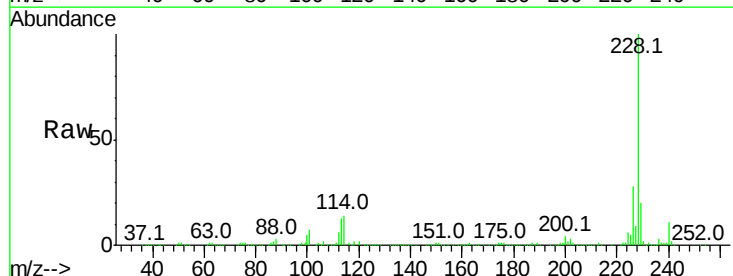
Instrument :
BNA_F
ClientSampleId :
PB97750BSD

Tot Ion:149 Resp: 667204
Ion Ratio Lower Upper
149 100
91 66.6 45.0 67.4
206 19.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.13 ng
RT: 14.70 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Tgt Ion:228 Resp: 1129161
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.6 16.3 24.5

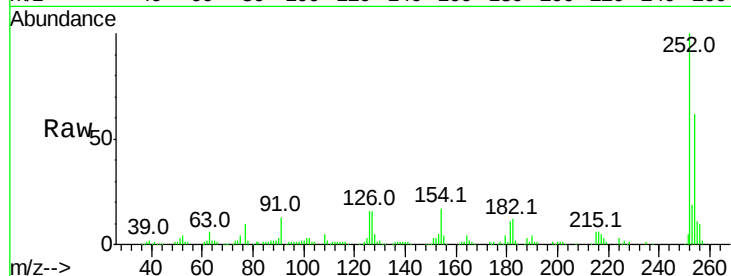




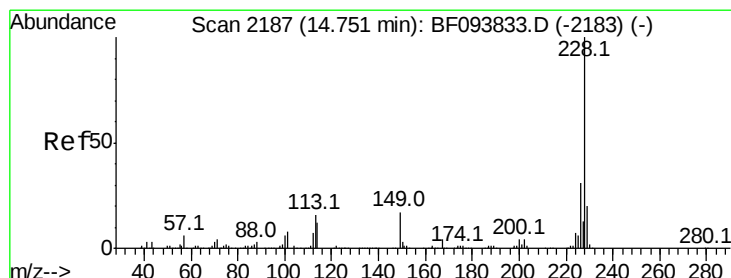
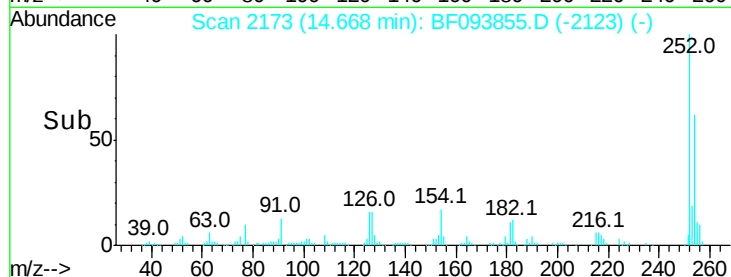
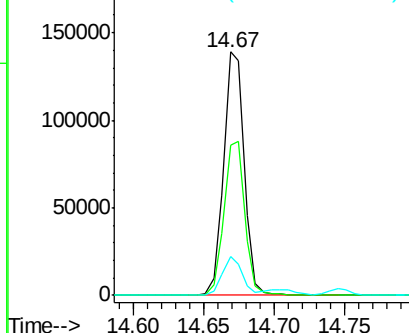
#81
 3,3'-Dichlorobenzidine
 Concen: 14.01 ng
 RT: 14.67 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

Tot Ion:252 Resp: 140882
 Ion Ratio Lower Upper
 252 100
 254 61.7 51.5 77.3
 126 16.2 15.8 23.8

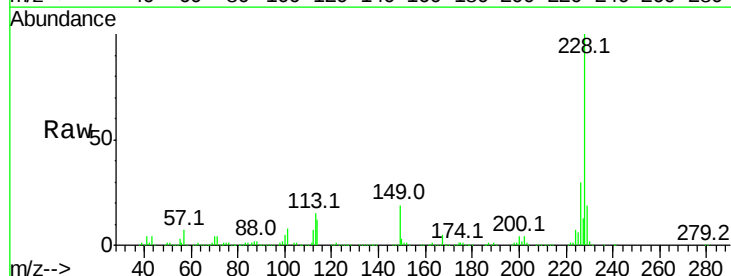


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

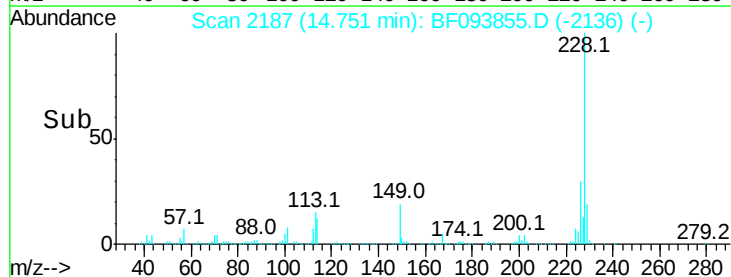
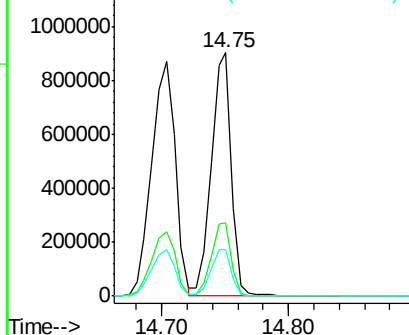


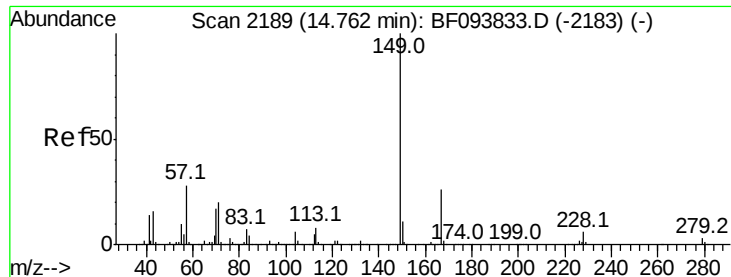
#82
 Chrysene
 Concen: 38.47 ng
 RT: 14.75 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion:228 Resp: 1004403
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 19.4 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

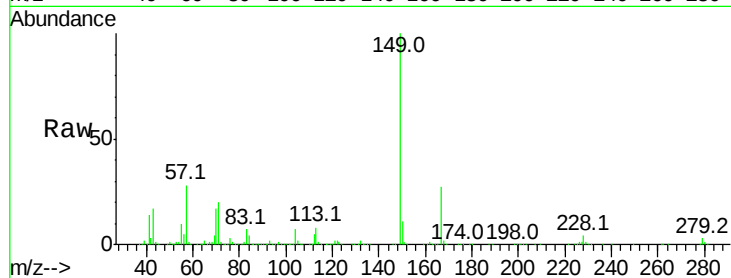




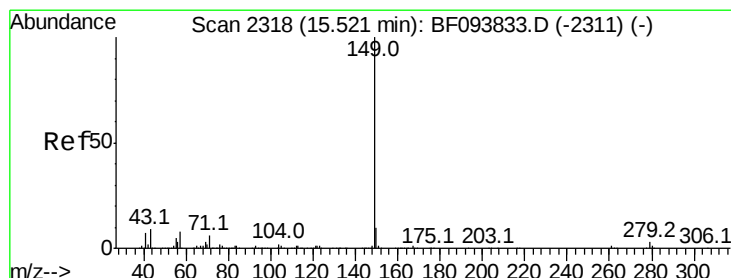
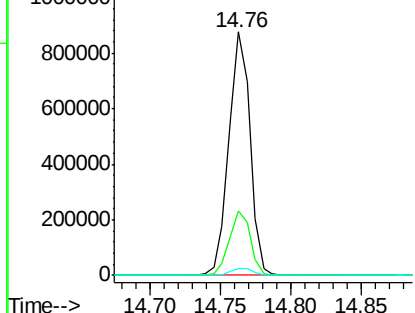
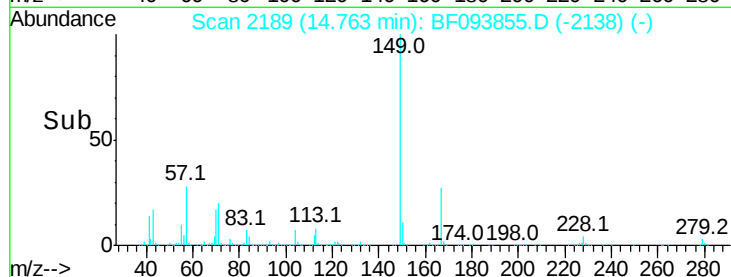
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.03 ng
 RT: 14.76 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

Tot Ion:149 Resp: 916571
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 3.0 1.9 2.9#

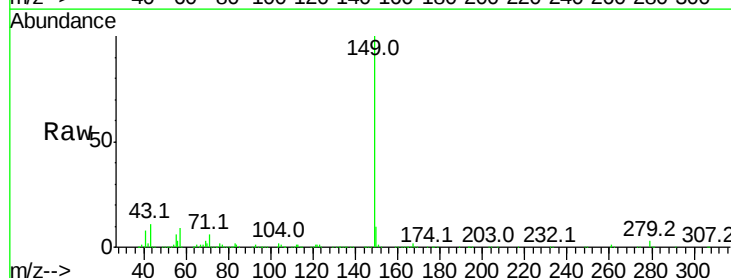


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

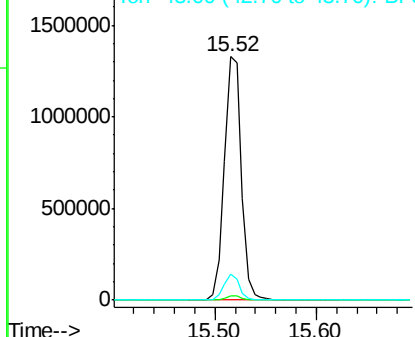
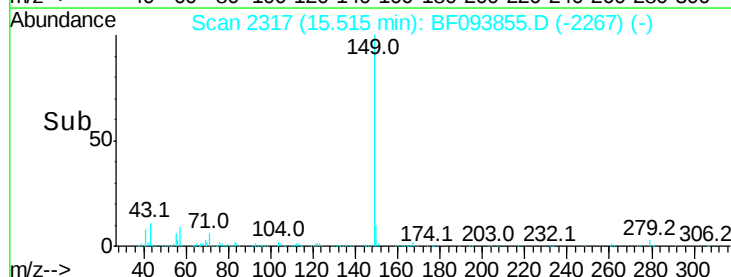


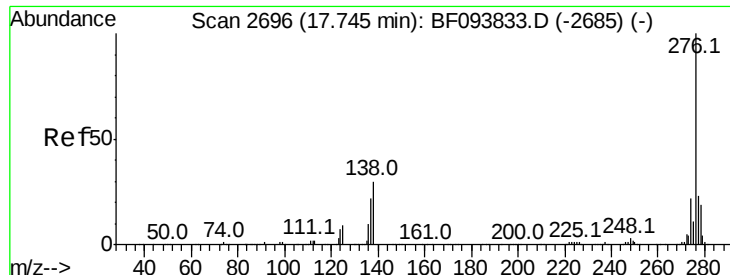
#84
 Di-n-octyl phthalate
 Concen: 45.26 ng
 RT: 15.52 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion:149 Resp: 1539257
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.0 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

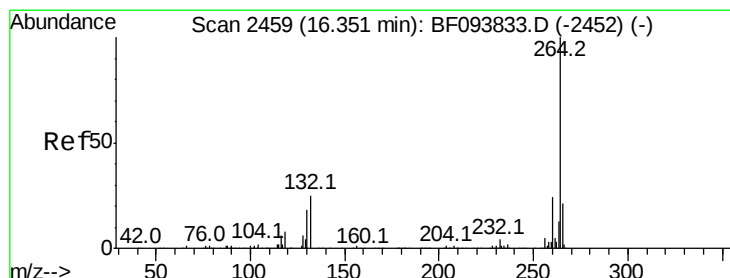
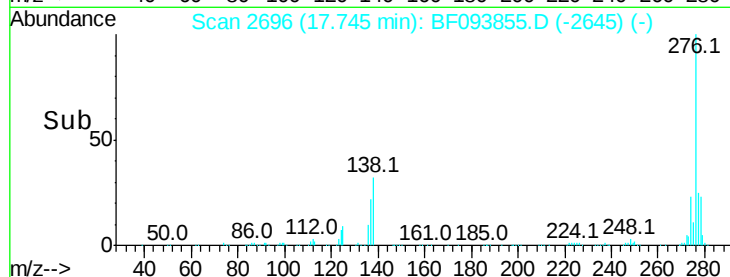
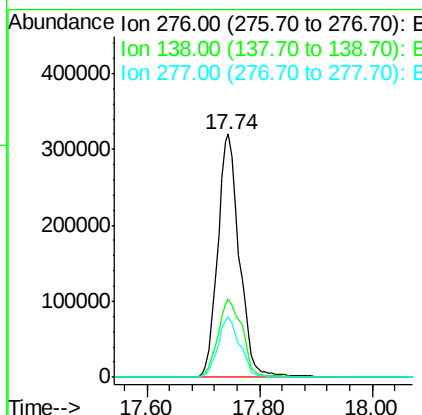
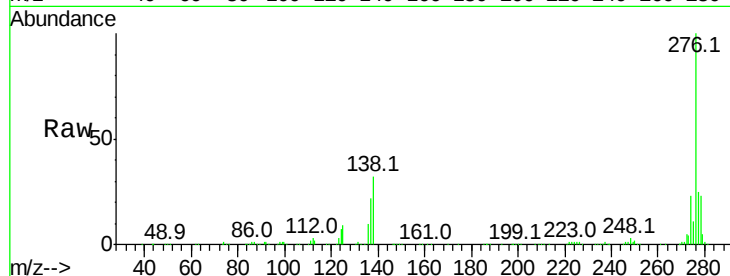




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.74 ng
 RT: 17.74 min Scan# 2696
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

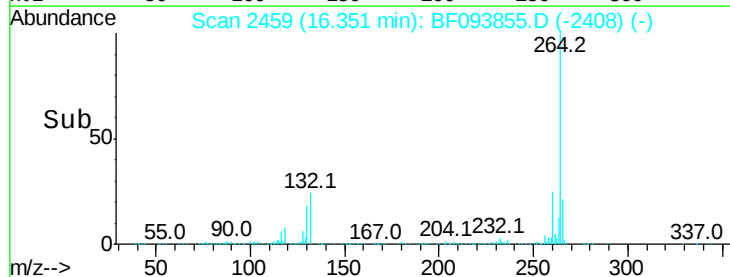
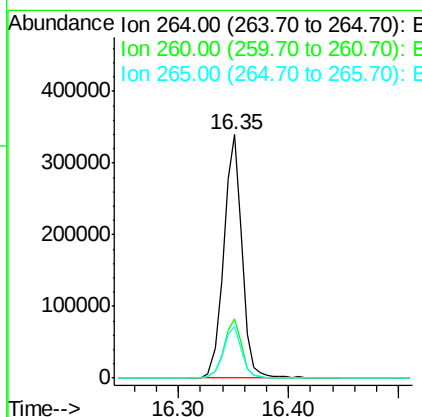
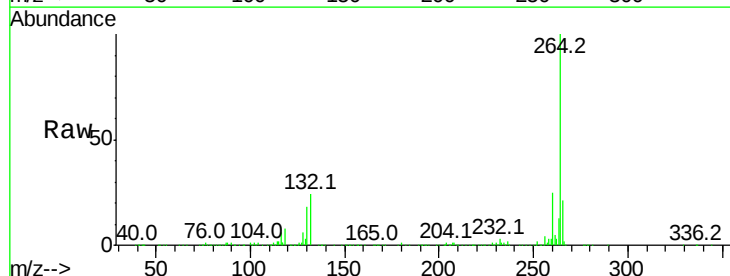
Instrument :
 BNA_F
 ClientSampleId :
 PB97750BSD

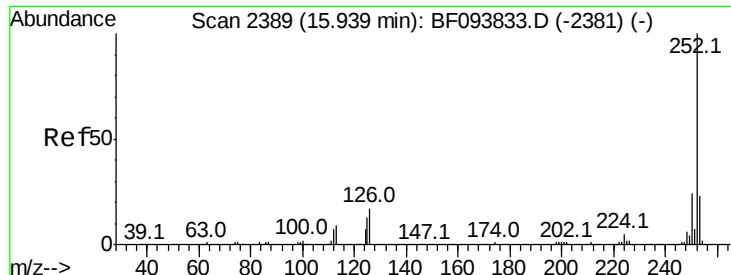
Tot Ion:276 Resp: 853323
 Ion Ratio Lower Upper
 276 100
 138 36.6 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.35 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BF093855.D
 Acq: 23 Mar 2017 2:13

Tgt Ion:264 Resp: 391885
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.3 17.2 25.8

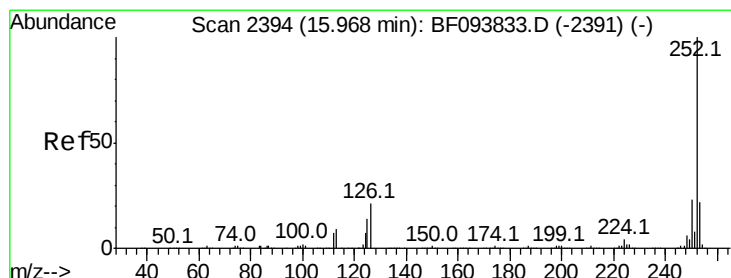
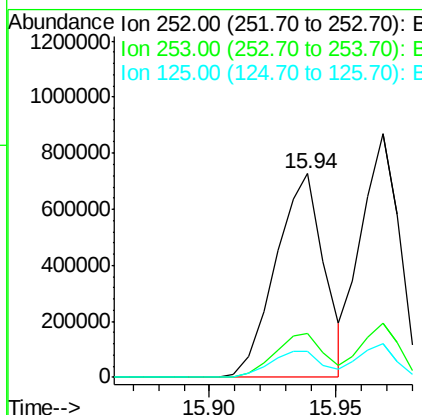
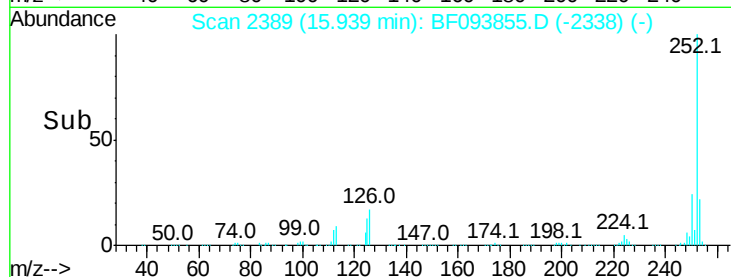
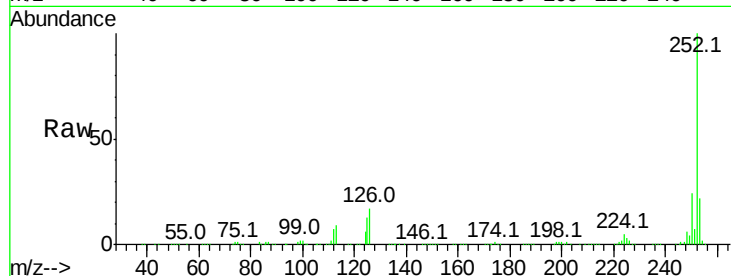




#87
Benzo(b)fluoranthene
Concen: 40.38 ng
RT: 15.94 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

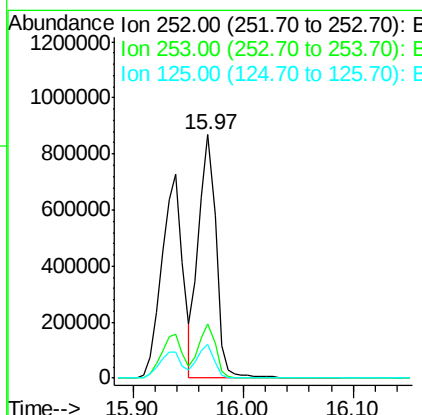
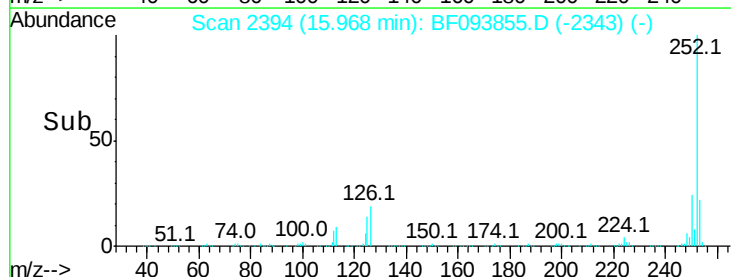
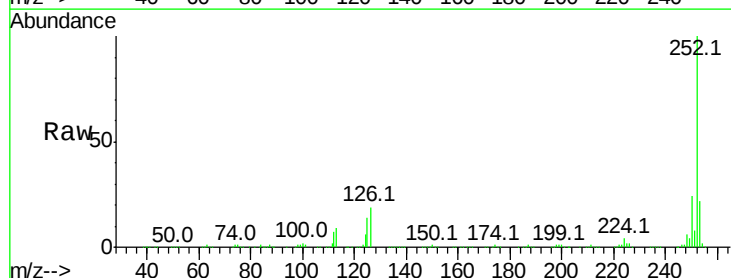
Instrument :
BNA_F
ClientSampleId :
PB97750BSD

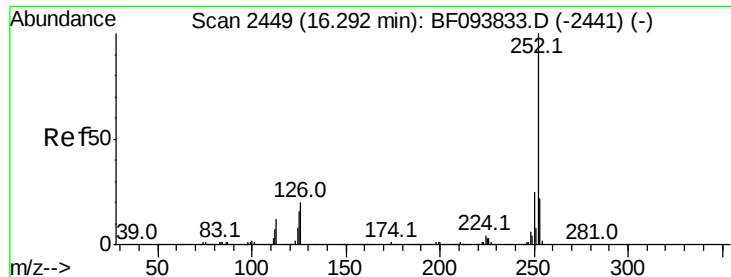
Tot Ion:252 Resp: 970085
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 39.73 ng
RT: 15.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BF093855.D
Acq: 23 Mar 2017 2:13

Tgt Ion:252 Resp: 933815
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 13.7 13.1 19.7





#89

Benzo(a)pyrene

Concen: 40.45 ng

RT: 16.29 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

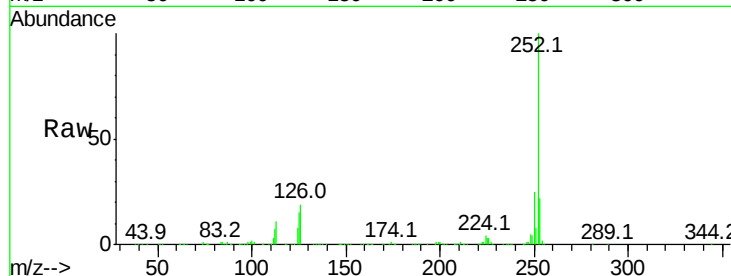
Tot Ion:252 Resp: 894709

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

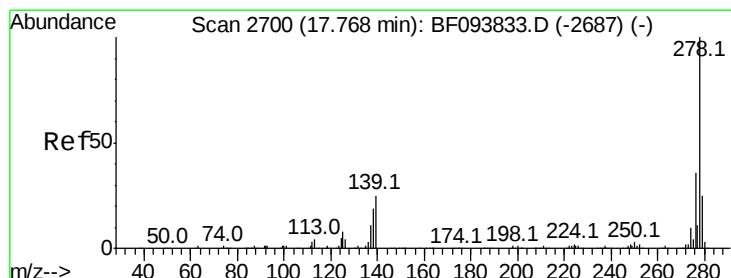
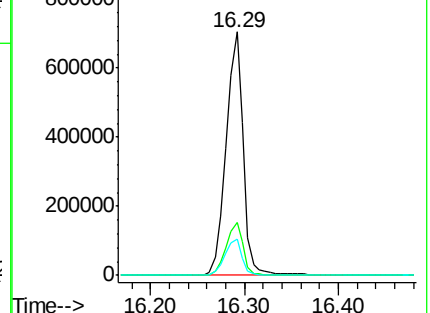
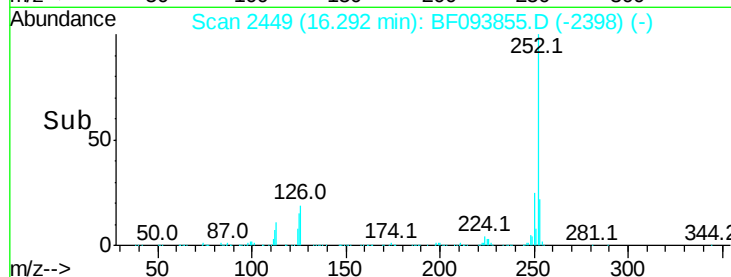
125 15.1 11.0 16.4



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: 37.97 ng

RT: 17.77 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

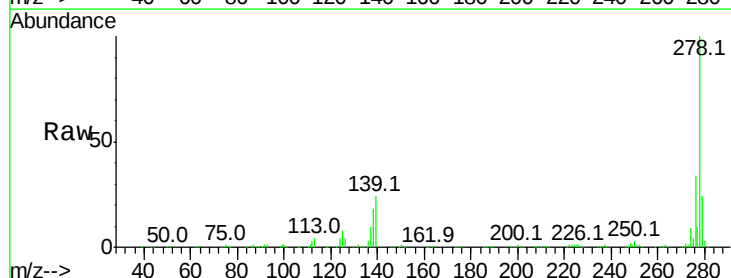
Tgt Ion:278 Resp: 711341

Ion Ratio Lower Upper

278 100

139 24.1 16.6 24.8

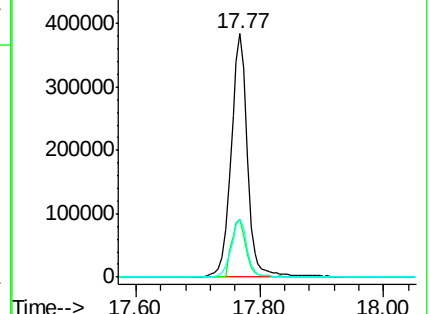
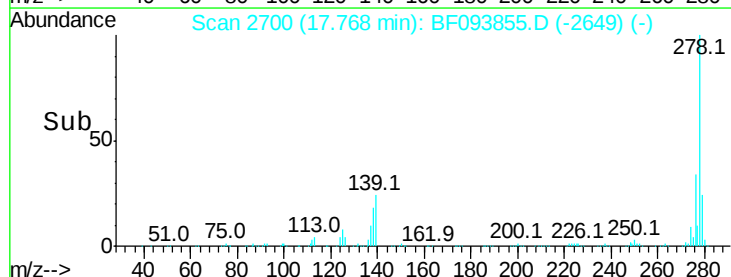
279 23.6 19.3 28.9

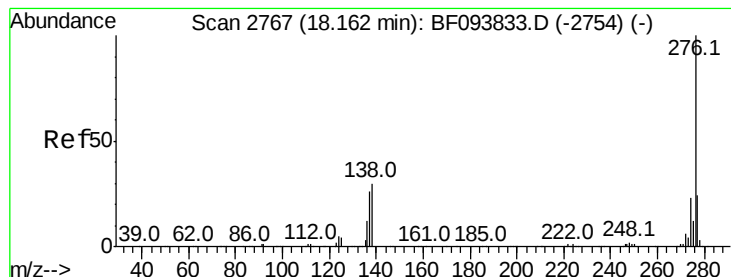


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.80 ng

RT: 18.16 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BF093855.D

Acq: 23 Mar 2017 2:13

Instrument :

BNA_F

ClientSampleId :

PB97750BSD

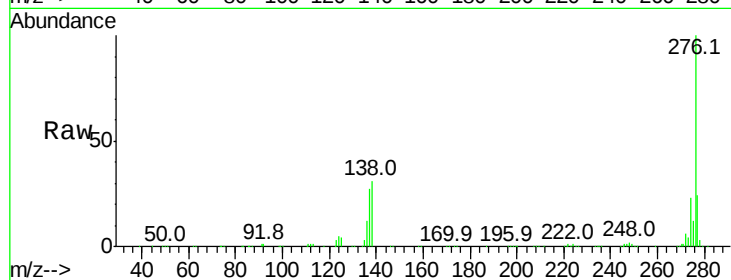
Tot Ion:276 Resp: 694744

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 31.3 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

