

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093737.D
 Acq On : 18 Mar 2017 7:21
 Operator : SJ/MA
 Sample : PB97625BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Quant Time: Mar 20 01:03:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	185362	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	748076	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	354331	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	614493	20.00	ng	0.00
75) Chrysene-d12	13.99	240	392207	20.00	ng	-0.01
86) Perylene-d12	15.41	264	374193	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1361826	122.49	ng	0.01
7) Phenol-d6	6.48	99	1714350	124.41	ng	0.00
23) Nitrobenzene-d5	7.41	82	1130040	90.66	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	385494	166.23	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1860418	99.08	ng	0.00
78) Terphenyl-d14	12.95	244	1595046	87.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	209182	36.44	ng	98
3) Pyridine	3.24	79	611984	38.97	ng	98
4) n-Nitrosodimethylamine	3.18	42	300642	43.75	ng	95
6) Aniline	6.50	93	438205	22.24	ng	99
8) 2-Chlorophenol	6.63	128	536947	43.43	ng	95
9) Benzaldehyde	6.39	77	299992	39.72	ng	95
10) Phenol	6.49	94	669357	41.54	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	535651	42.19	ng	100
12) 1,3-Dichlorobenzene	6.79	146	604157	44.11	ng	99
13) 1,4-Dichlorobenzene	6.87	146	613376	43.74	ng	99
14) 1,2-Dichlorobenzene	7.02	146	545955	41.63	ng	98
15) Benzyl Alcohol	6.98	79	480689	46.60	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	790821	39.51	ng	99
17) 2-Methylphenol	7.11	107	494477	46.21	ng	94
18) Hexachloroethane	7.36	117	212778	42.70	ng	# 77
19) n-Nitroso-di-n-propylamine	7.27	70	410186	44.83	ng	98
20) 3+4-Methylphenols	7.26	107	531493	41.89	ng	99
22) Acetophenone	7.26	105	706072	42.36	ng	# 98
24) Nitrobenzene	7.43	77	633926	47.05	ng	97
25) Isophorone	7.67	82	1069360	44.57	ng	98
26) 2-Nitrophenol	7.75	139	295608	57.94	ng	96
27) 2,4-Dimethylphenol	7.78	122	547932	46.94	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	704193	46.50	ng	99
29) 2,4-Dichlorophenol	7.99	162	494288	49.28	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	480130	45.93	ng	97
31) Naphthalene	8.15	128	1566695	42.95	ng	99
32) Benzoic acid	7.91	122	331376	46.07	ng	100
33) 4-Chloroaniline	8.20	127	147602	9.66	ng	96
34) Hexachlorobutadiene	8.29	225	236036	43.11	ng	98
35) Caprolactam	8.56	113	95383	28.33	ng	# 86
36) 4-Chloro-3-methylphenol	8.69	107	544805	51.59	ng	92
37) 2-Methylnaphthalene	8.85	142	1111593	47.06	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	404288	48.73	ng	99
40) Hexachlorocyclopentadiene	9.01	237	396916	95.76	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093737.D
 Acq On : 18 Mar 2017 7:21
 Operator : SJ/MA
 Sample : PB97625BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Quant Time: Mar 20 01:03:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

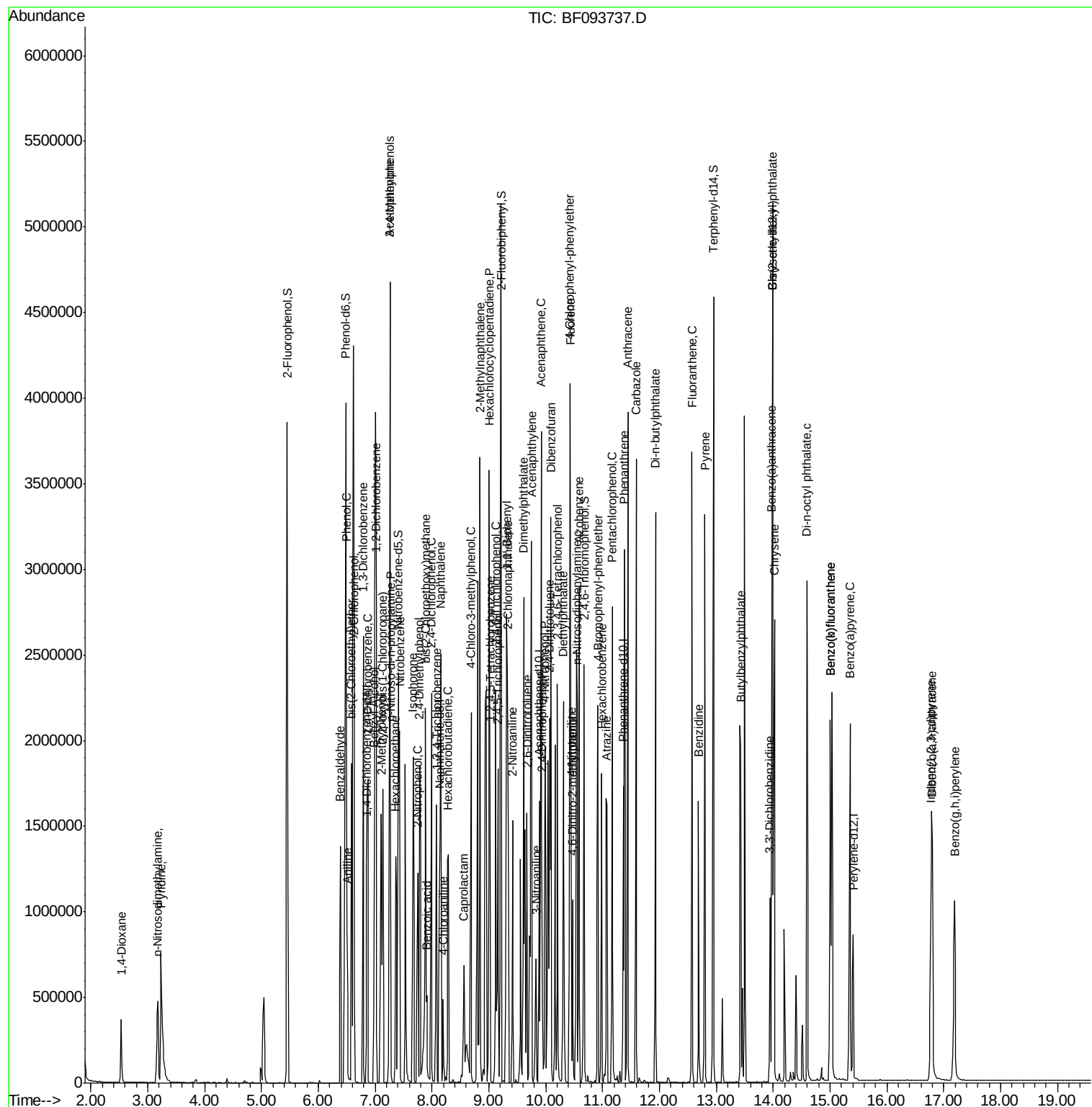
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	335569	54.85	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	301183	47.75	nq	97
45) 1,1'-Biphenyl	9.32	154	1234060	49.67	nq	98
46) 2-Chloronaphthalene	9.33	162	958069	48.06	nq	# 91
47) 2-Nitroaniline	9.42	65	271021	46.99	nq	98
48) Acenaphthylene	9.75	152	1657916	51.00	nq	100
49) Dimethylphthalate	9.61	163	1136854	49.12	nq	100
50) 2,6-Dinitrotoluene	9.67	165	287191	57.45	nq	96
51) Acenaphthene	9.92	154	1065409	55.61	nq	98
52) 3-Nitroaniline	9.83	138	133219	22.46	nq	86
53) 2,4-Dinitrophenol	9.93	184	199469	87.20	nq	# 78
54) Dibenzofuran	10.09	168	1423937	54.67	nq	99
55) 4-Nitrophenol	9.99	139	477947	106.81	nq	# 60
56) 2,4-Dinitrotoluene	10.07	165	365810	54.97	nq	# 83
57) Fluorene	10.44	166	1047598	49.58	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	256885	59.22	nq	99
59) Diethylphthalate	10.31	149	1112827	50.51	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	407371	45.77	nq	98
61) 4-Nitroaniline	10.45	138	294210	53.30	nq	91
62) Azobenzene	10.58	77	1219827	54.81	nq	100
64) 4,6-Dinitro-2-methylphenol	10.47	198	145726	44.73	nq	93
65) n-Nitrosodiphenylamine	10.55	169	988895	47.67	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	277035	47.69	nq	96
67) Hexachlorobenzene	10.98	284	293687	48.37	nq	99
68) Atrazine	11.08	200	319025	53.41	nq	100
69) Pentachlorophenol	11.17	266	310215	89.18	nq	99
70) Phenanthrene	11.39	178	1443945	41.56	nq	100
71) Anthracene	11.44	178	1564366	46.02	nq	100
72) Carbazole	11.59	167	1417166	39.82	nq	100
73) Di-n-butylphthalate	11.93	149	1618291	44.49	nq	100
74) Fluoranthene	12.57	202	1594116	47.35	nq	99
76) Benzidine	12.69	184	538745	35.15	nq	96
77) Pyrene	12.80	202	1651143	49.50	nq	99
79) Butylbenzylphthalate	13.43	149	741940	52.36	nq	97
80) Benzo(a)anthracene	13.98	228	1182370	46.97	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	190698	21.60	nq	# 96
82) Chrysene	14.03	228	1219347	50.12	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	818704	52.55	nq	100
84) Di-n-octyl phthalate	14.60	149	1530010	53.27	nq	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	990125	48.05	nq	100
87) Benzo(b)fluoranthene	15.01	252	2072709	87.38	nq	99
88) Benzo(k)fluoranthene	15.01	252	2073572	98.92	nq	# 94
89) Benzo(a)pyrene	15.35	252	990330	47.24	nq	100
90) Dibenzo(a,h)anthracene	16.80	278	837831	47.24	nq	99
91) Benzo(g,h,i)perylene	17.19	276	829197	45.97	nq	98

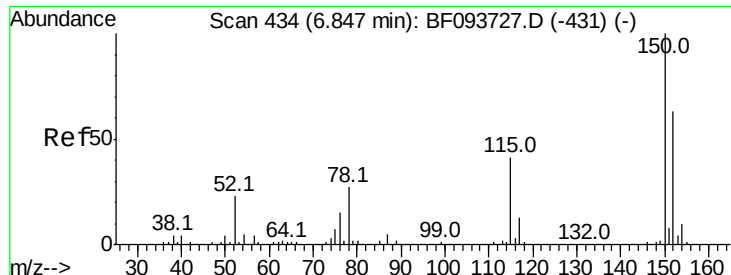
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093737.D
 Acq On : 18 Mar 2017 7:21
 Operator : SJ/MA
 Sample : PB97625BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Quant Time: Mar 20 01:03:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

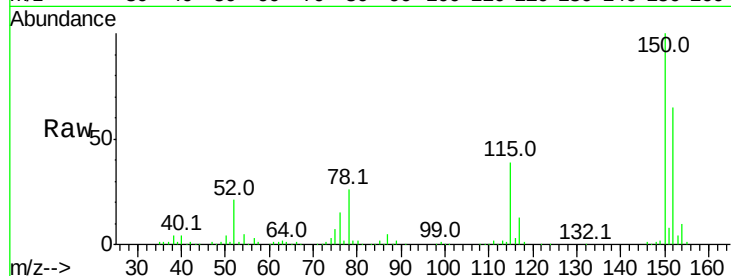
Tot Ion:152 Resp: 185362

Ion Ratio Lower Upper

152 100

150 154.6 126.2 189.2

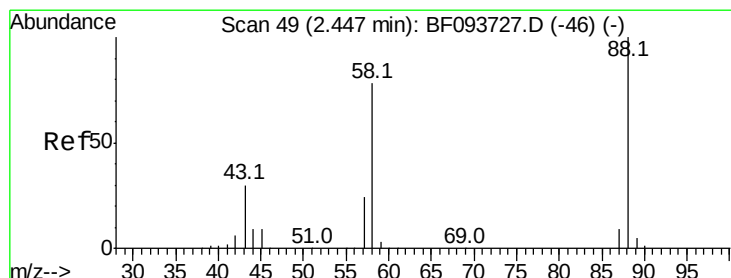
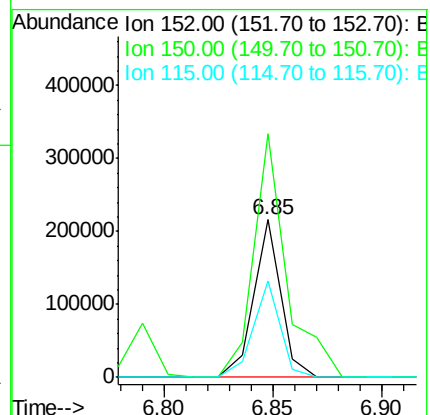
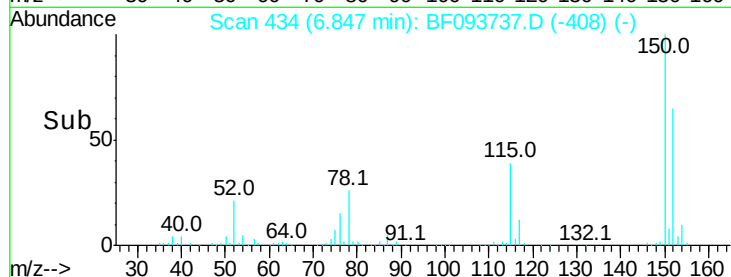
115 60.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.44 ng

RT: 2.54 min Scan# 57

Delta R.T. 0.09 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

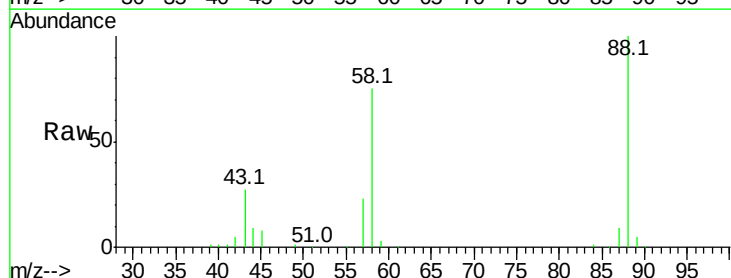
Tgt Ion: 88 Resp: 209182

Ion Ratio Lower Upper

88 100

58 78.3 61.4 92.0

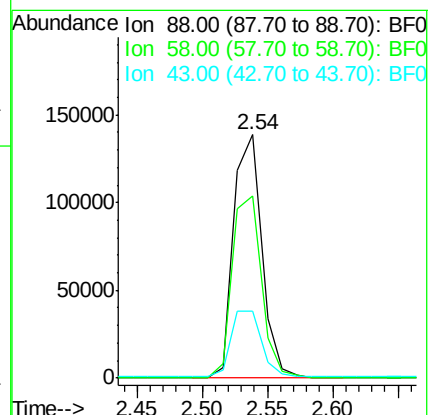
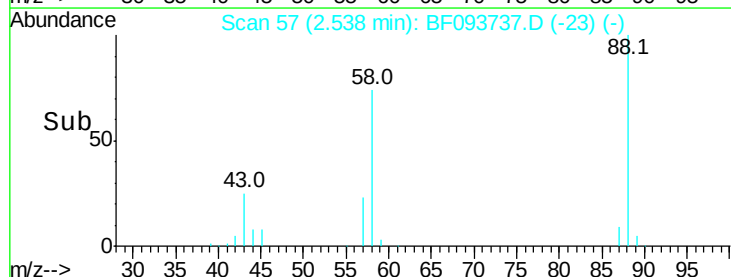
43 30.1 23.4 35.0

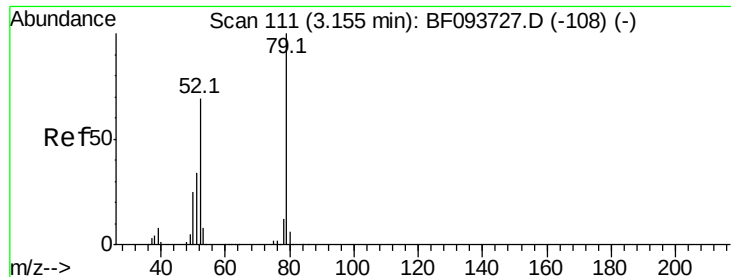


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.97 ng

RT: 3.24 min Scan# 118

Delta R.T. 0.08 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

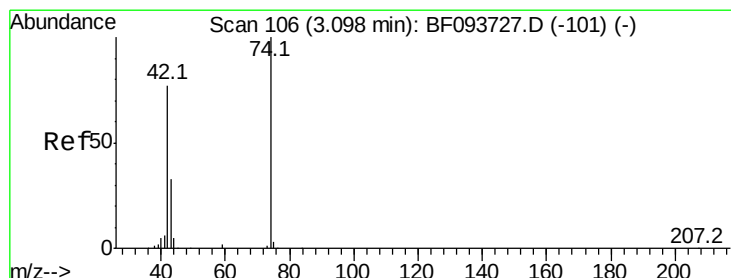
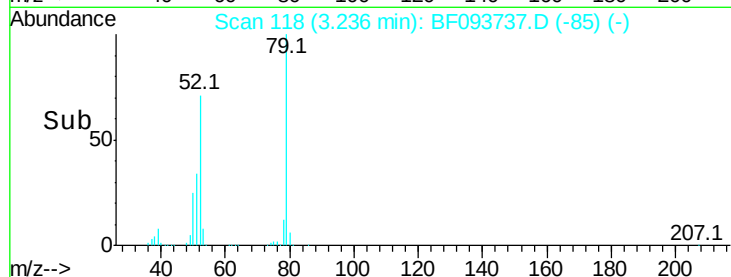
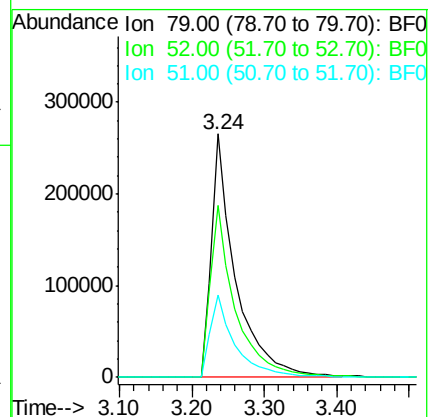
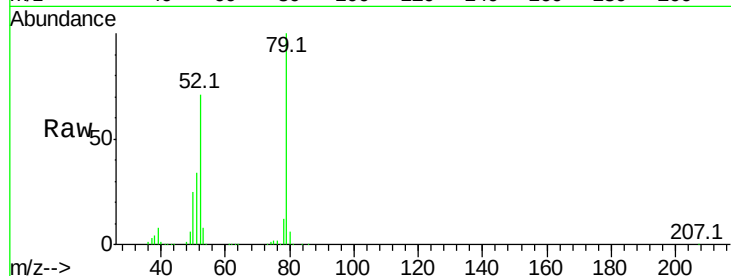
Tot Ion: 79 Resp: 611984

Ion Ratio Lower Upper

79 100

52 70.5 54.8 82.2

51 34.0 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 43.75 ng

RT: 3.18 min Scan# 113

Delta R.T. 0.08 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

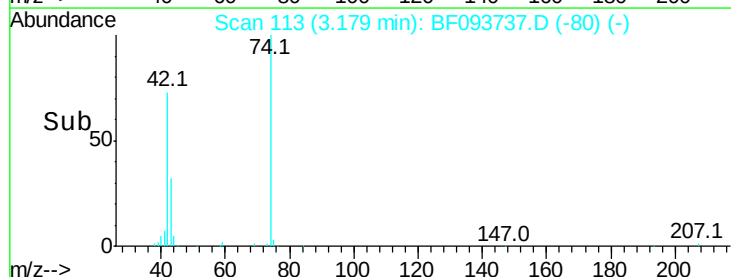
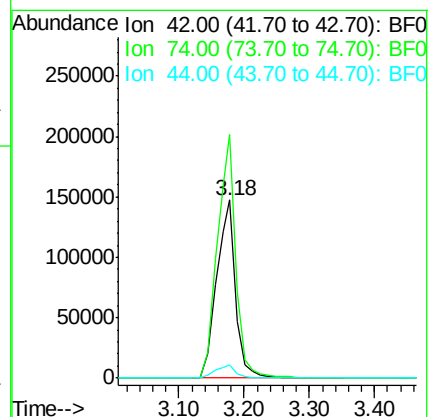
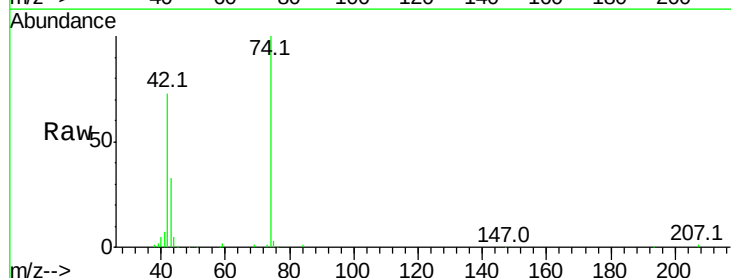
Tgt Ion: 42 Resp: 300642

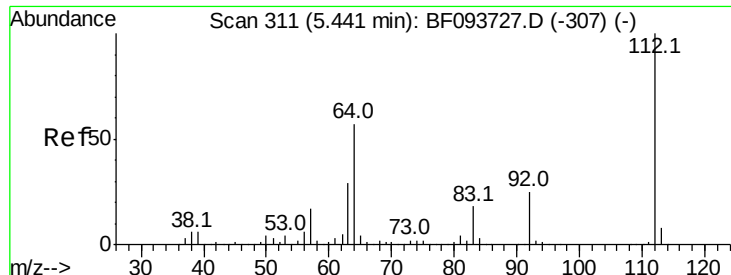
Ion Ratio Lower Upper

42 100

74 136.6 103.9 155.9

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 122.49 ng

RT: 5.45 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

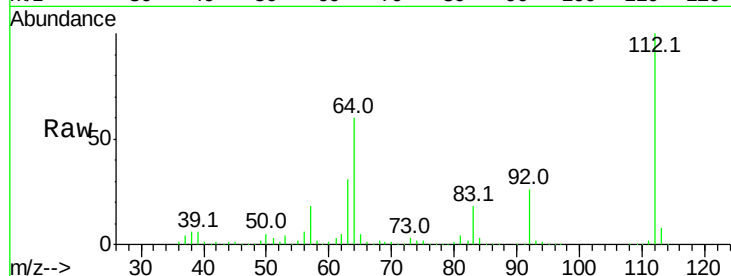
Tot Ion:112 Resp: 1361826

Ion Ratio Lower Upper

112 100

64 60.1 46.0 69.0

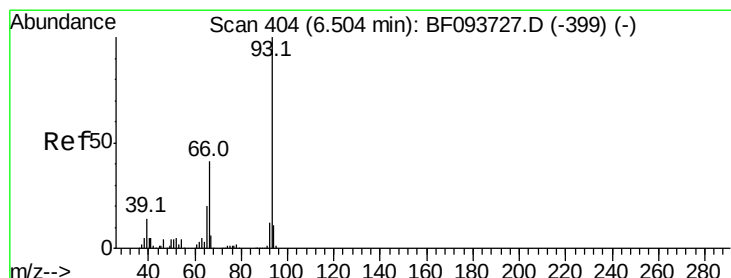
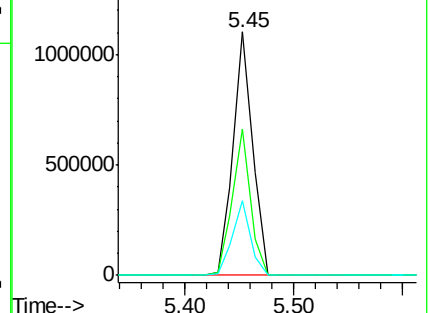
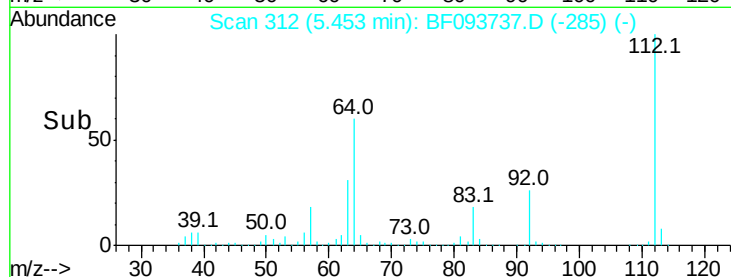
63 30.6 23.4 35.0



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: 22.24 ng

RT: 6.50 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

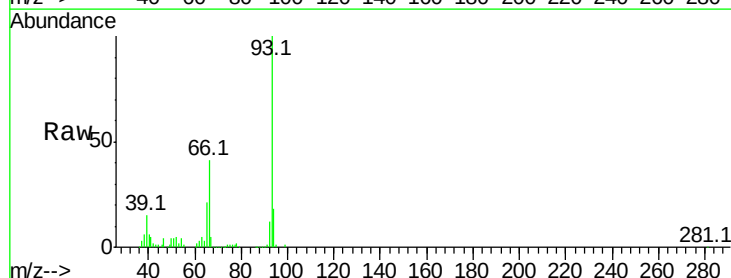
Tgt Ion: 93 Resp: 438205

Ion Ratio Lower Upper

93 100

66 40.5 32.9 49.3

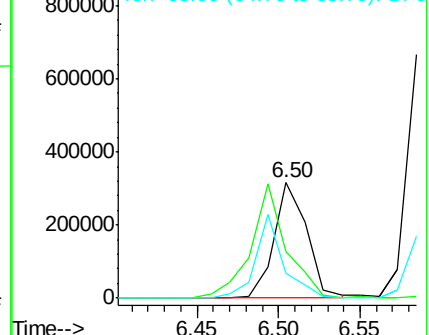
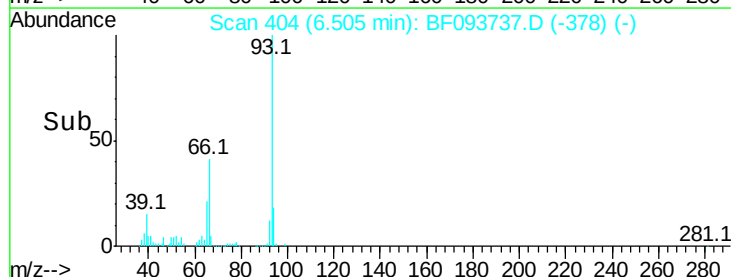
65 21.0 16.0 24.0

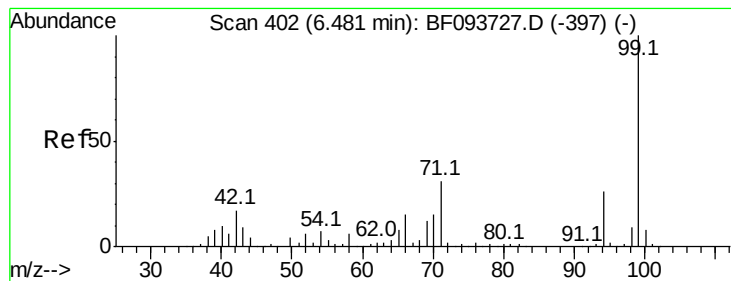


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.41 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

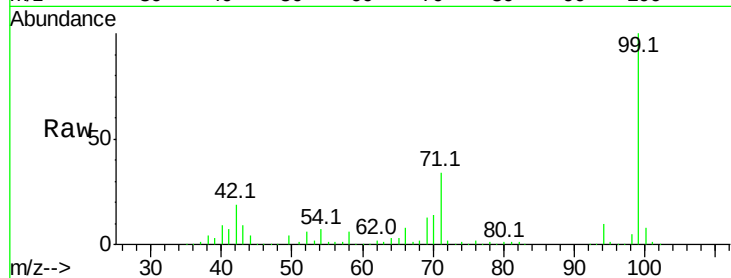
BNA_F

ClientSampleId :

PB97625BS

Tot Ion: 99 Resp: 1714350

Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.5	20.3
71	33.7	24.5	36.7

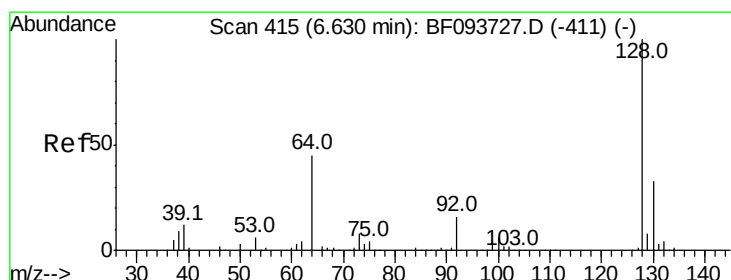
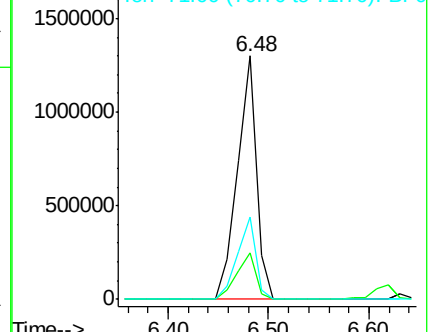
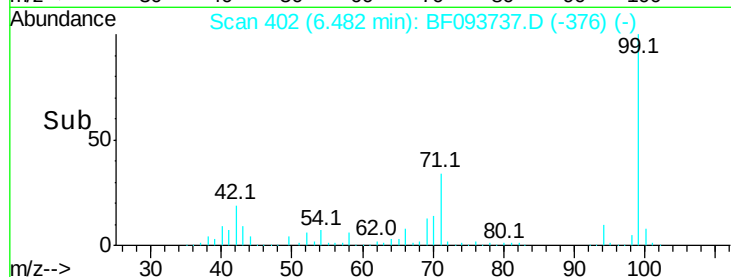


Abundance

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: 43.43 ng

RT: 6.63 min Scan# 415

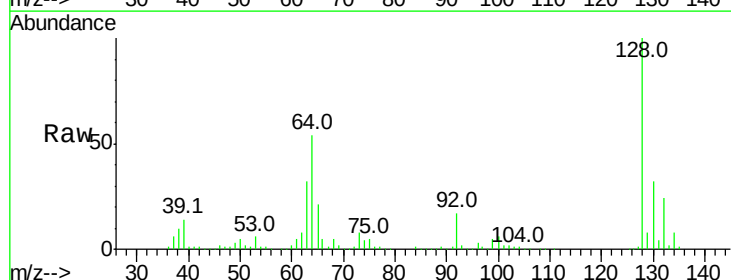
Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion: 128 Resp: 536947

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	53.6	28.4	68.4

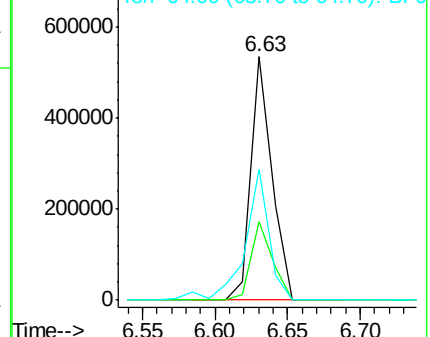
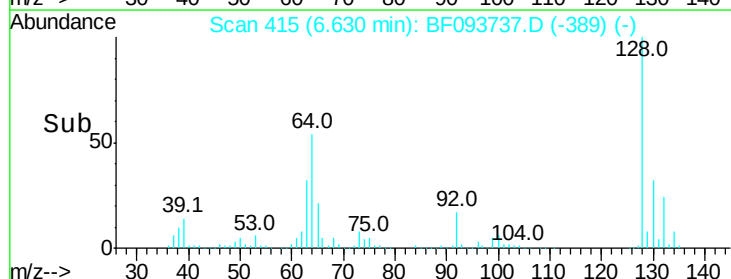


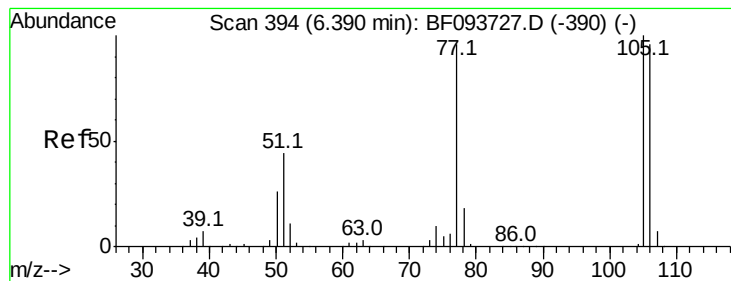
Abundance

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: 39.72 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

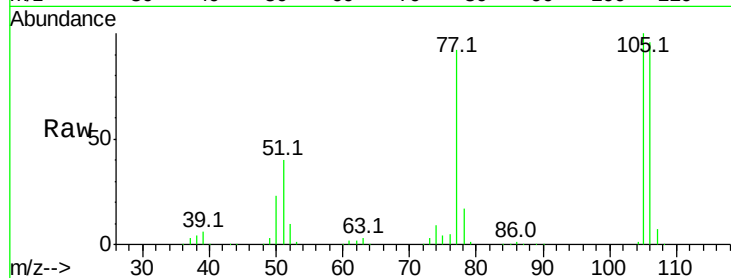
Tot Ion: 77 Resp: 299992

Ion Ratio Lower Upper

77 100

105 108.2 83.8 123.8

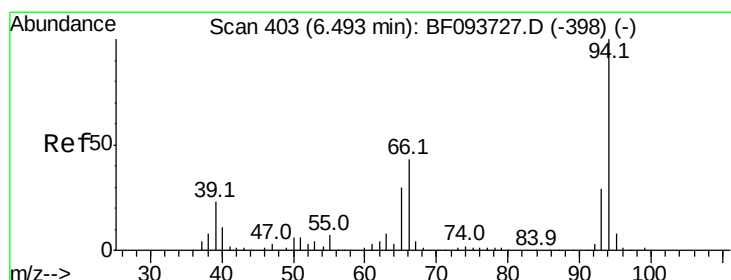
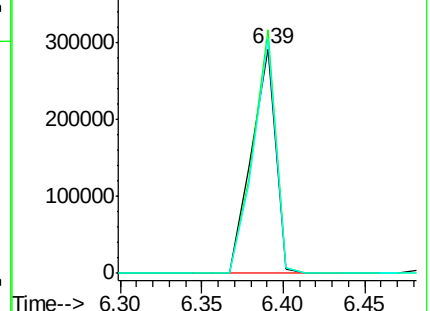
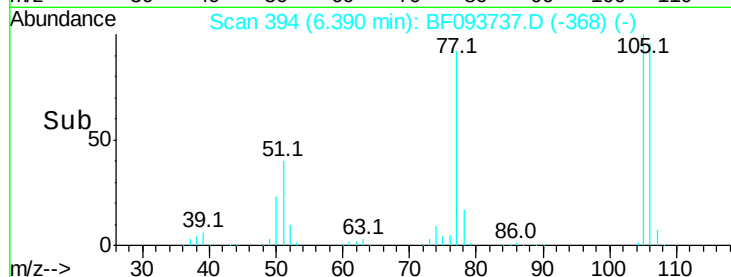
106 104.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.54 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

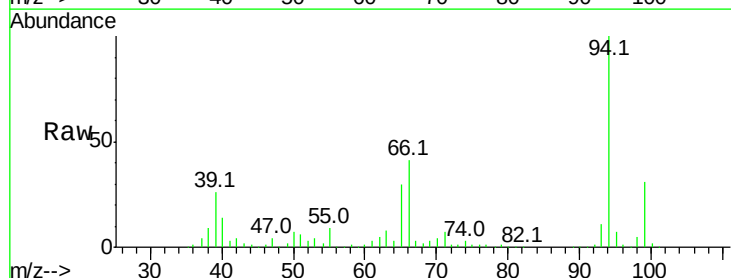
Tgt Ion: 94 Resp: 669357

Ion Ratio Lower Upper

94 100

65 30.4 9.9 49.9

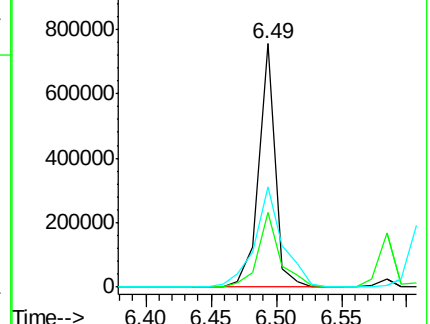
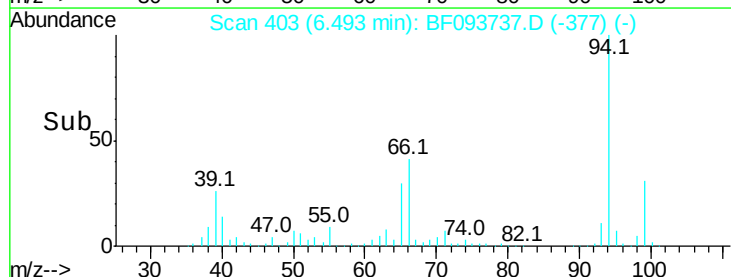
66 41.4 23.1 63.1

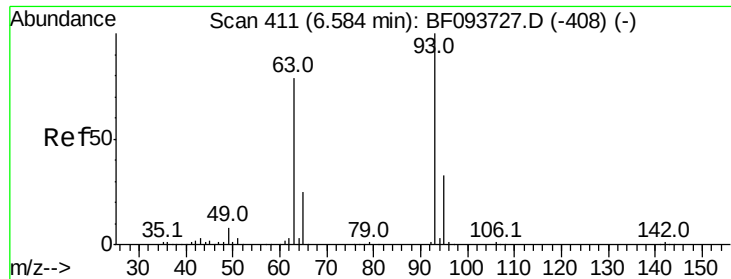


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.19 ng

RT: 6.58 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

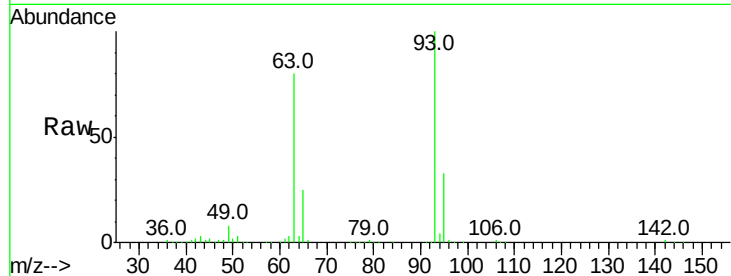
Tot Ion: 93 Resp: 535651

Ion Ratio Lower Upper

93 100

63 79.6 59.2 99.2

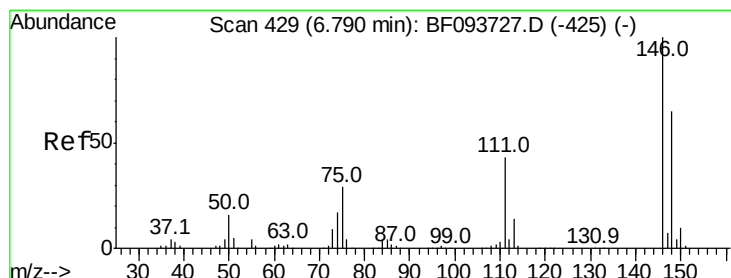
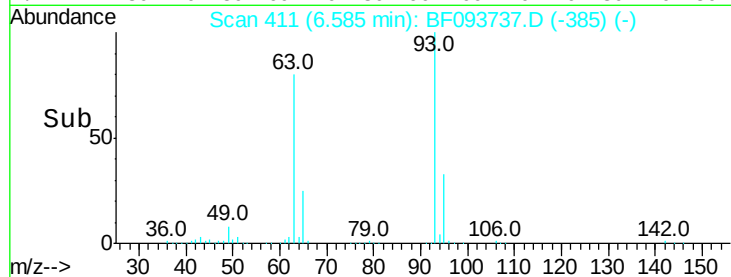
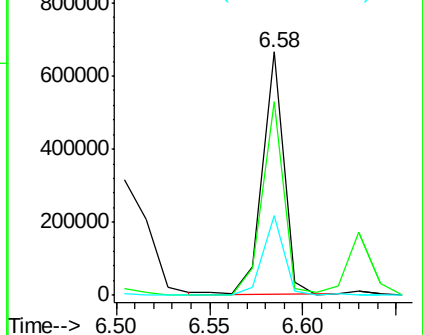
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 44.11 ng

RT: 6.79 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

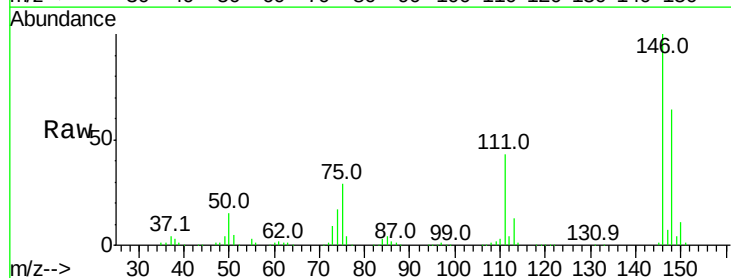
Tgt Ion: 146 Resp: 604157

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

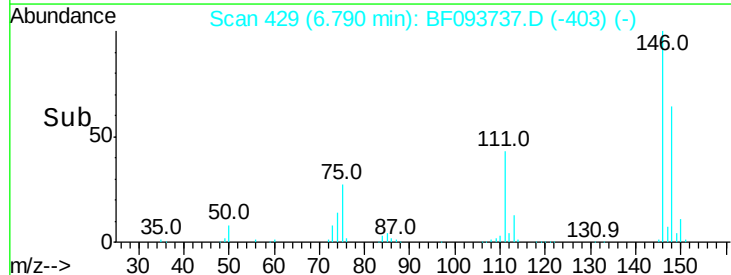
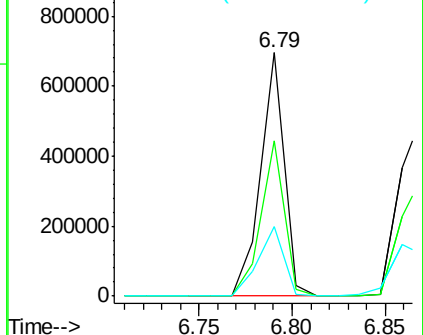
75 28.7 23.1 34.7

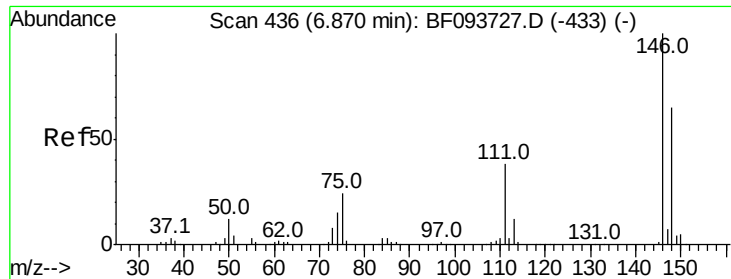


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

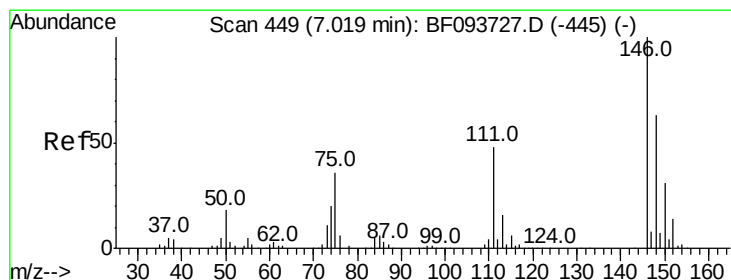
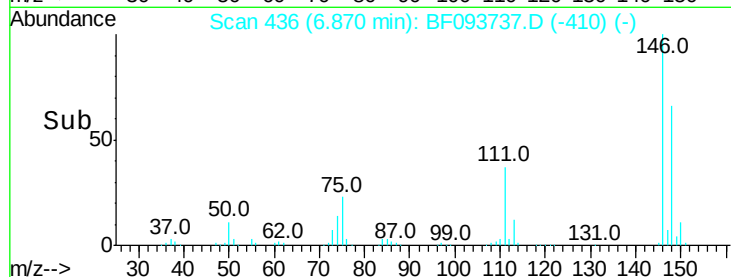
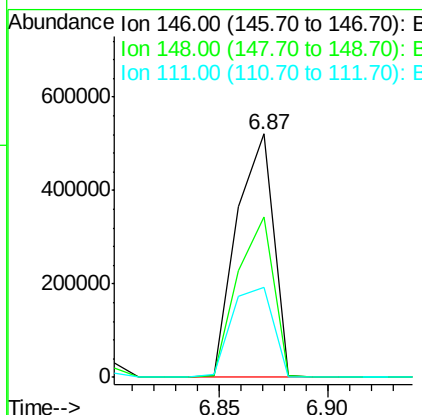
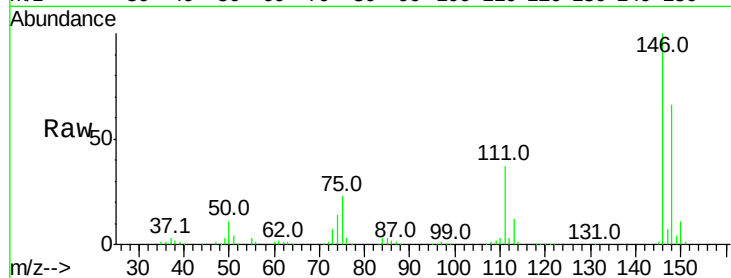




#13
 1,4-Dichlorobenzene
 Concen: 43.74 ng
 RT: 6.87 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

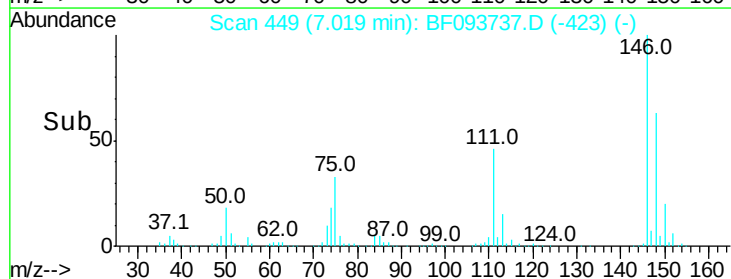
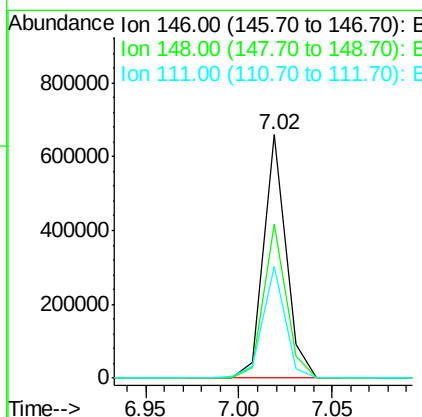
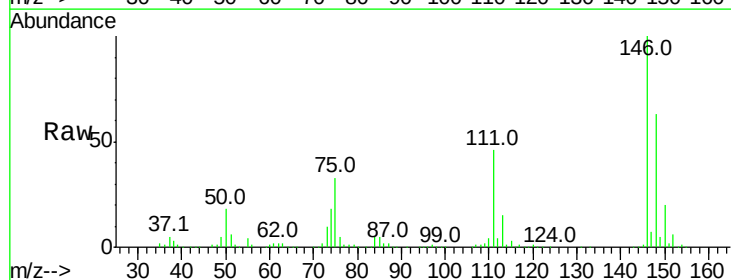
Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

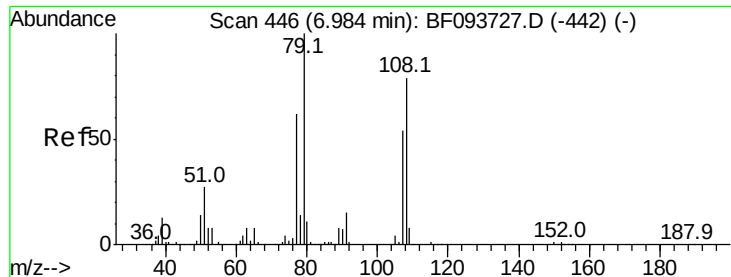
Tot Ion:146 Resp: 613376
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.2 78.2
 111 36.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.63 ng
 RT: 7.02 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion:146 Resp: 545955
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.4 75.6
 111 46.0 38.2 57.4





#15

Benzyl Alcohol

Concen: 46.60 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

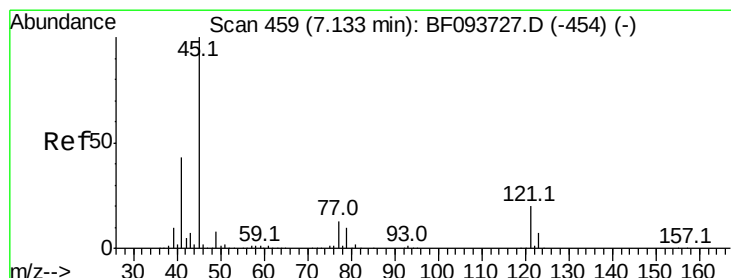
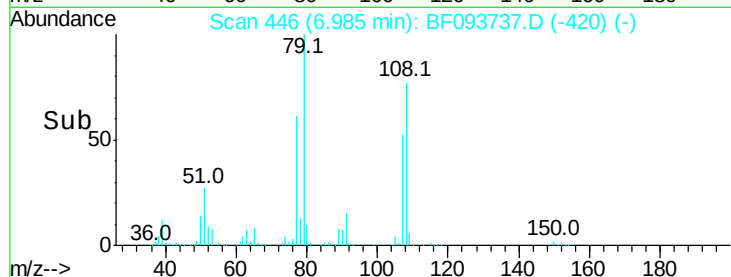
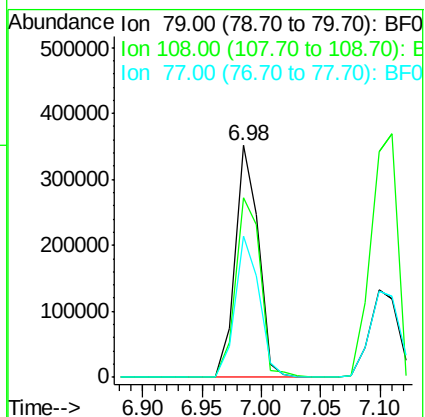
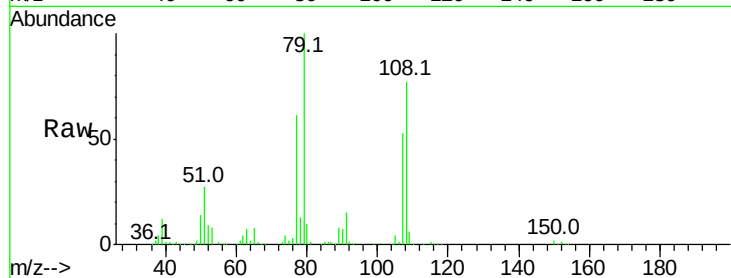
Tot Ion: 79 Resp: 480689

Ion Ratio Lower Upper

79 100

108 77.5 63.4 95.0

77 61.2 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.51 ng

RT: 7.13 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

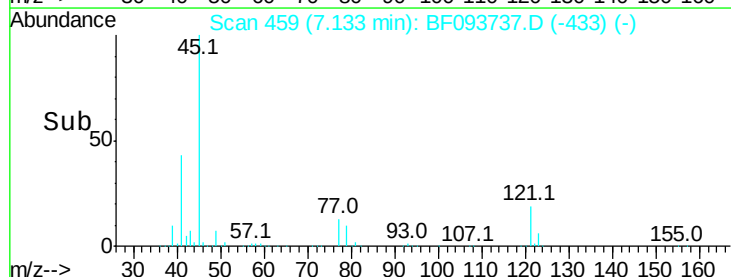
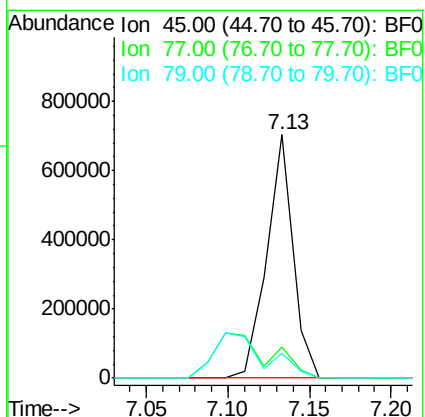
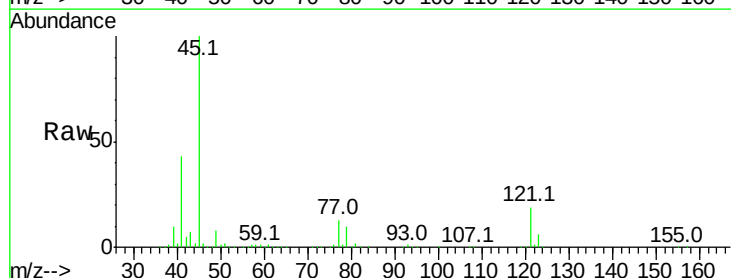
Tgt Ion: 45 Resp: 790821

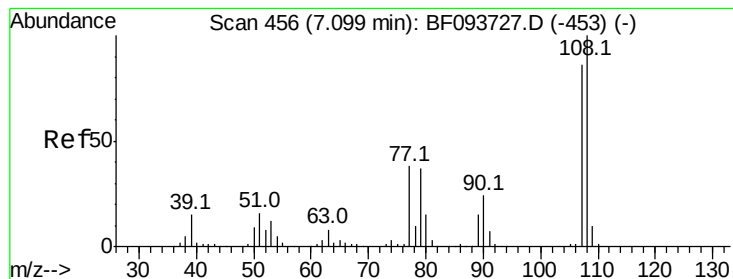
Ion Ratio Lower Upper

45 100

77 12.9 0.0 33.2

79 10.4 0.0 30.0

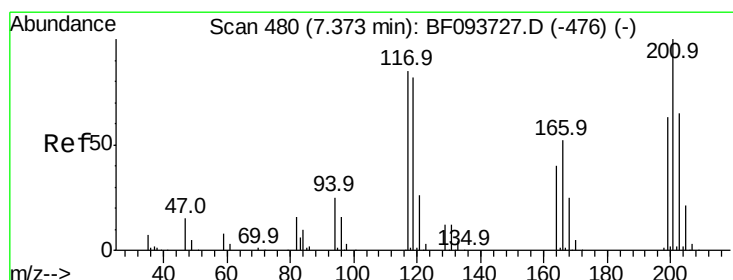
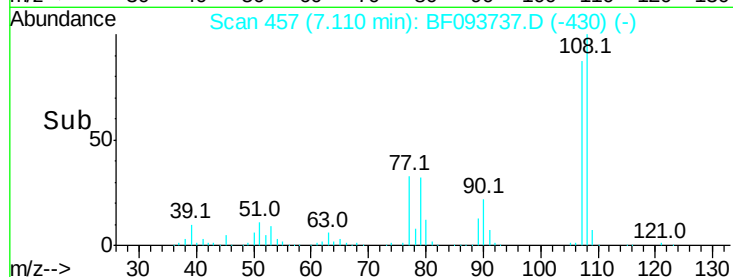
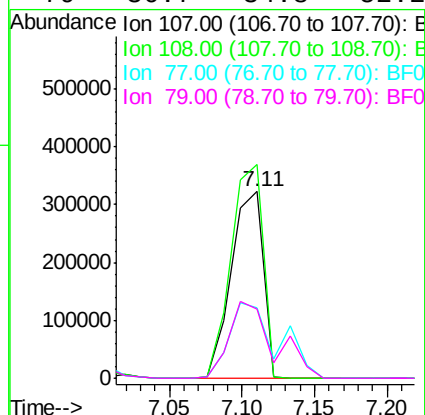
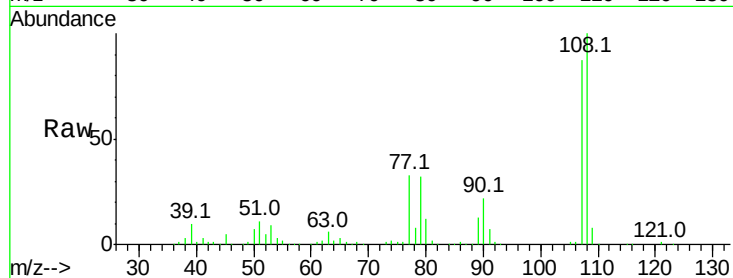




#17
2-Methylphenol
Concen: 46.21 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.01 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

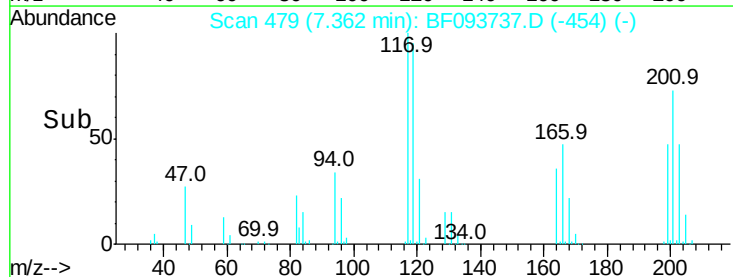
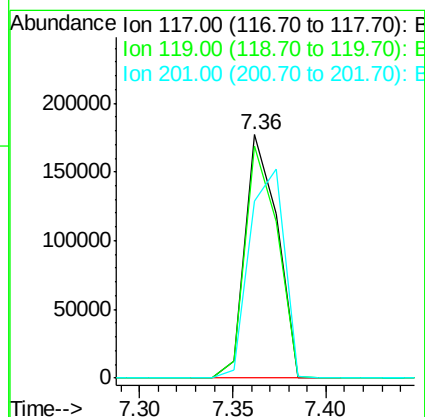
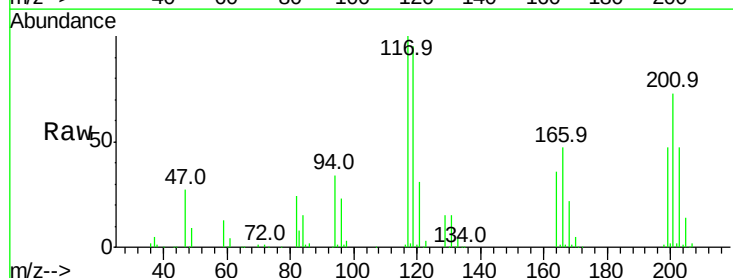
Instrument :
BNA_F
ClientSampleId :
PB97625BS

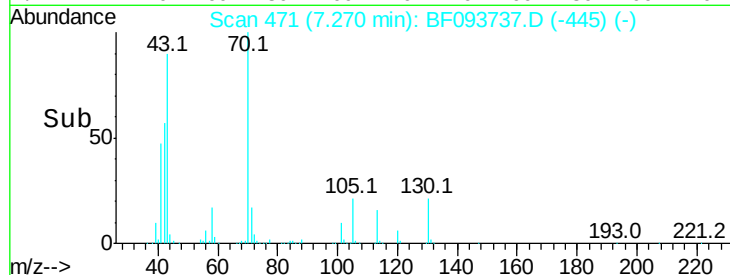
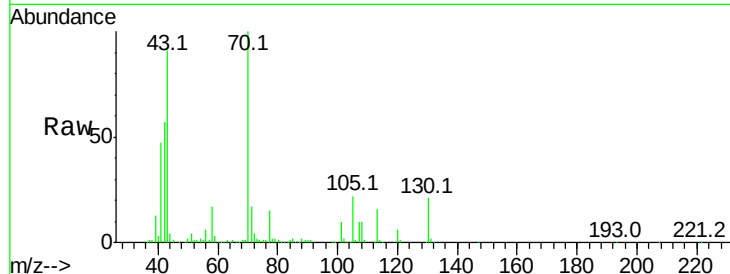
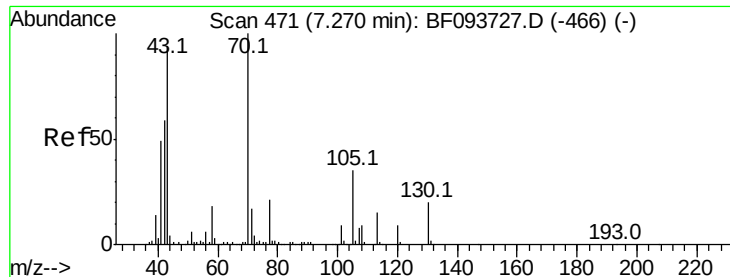
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.4	140.0
77	37.9	35.8	53.6
79	36.7	34.8	52.2



#18
Hexachloroethane
Concen: 42.70 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.4	116.0
201	72.5	94.6	141.8#

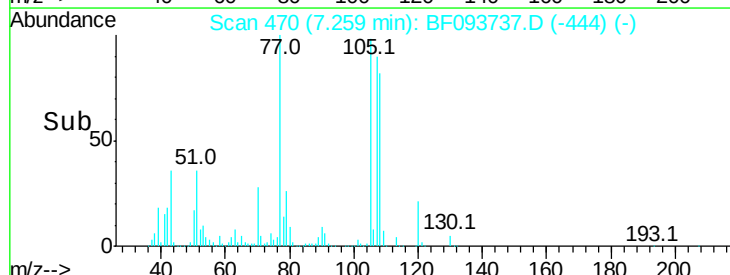
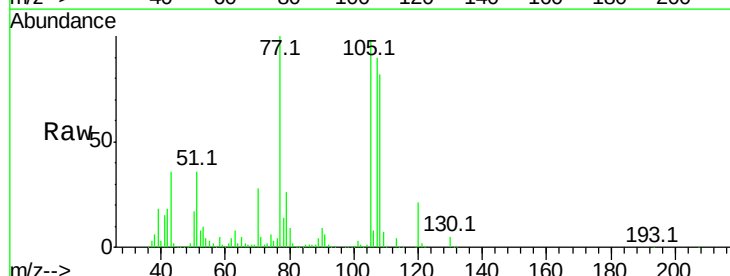
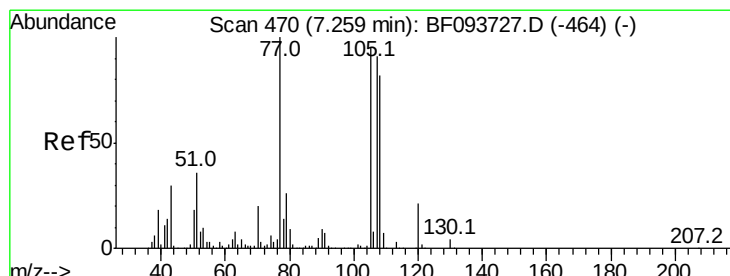
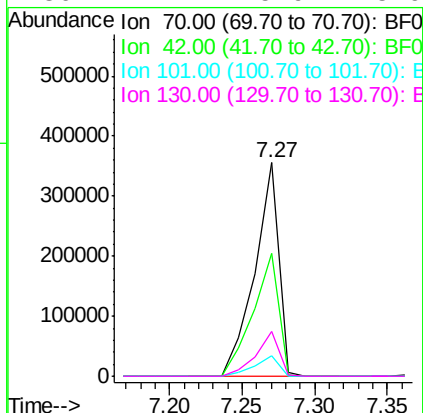




#19
n-Nitroso-di-n-propylamine
Concen: 44.83 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

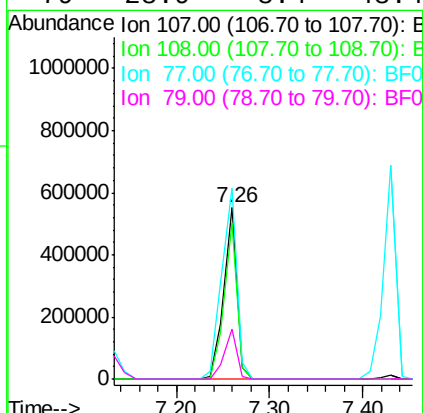
Instrument :
BNA_F
ClientSampleId :
PB97625BS

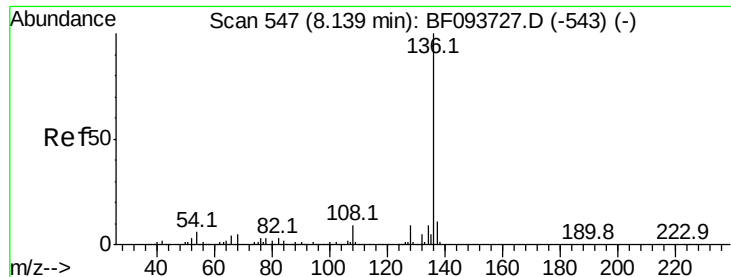
Tot Ion:	70	Resp:	410186
Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.2	70.8
101	9.7	7.2	10.8
130	21.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.89 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion:	107	Resp:	531493
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.0	111.0
77	111.6	90.5	130.5
79	28.9	8.4	48.4

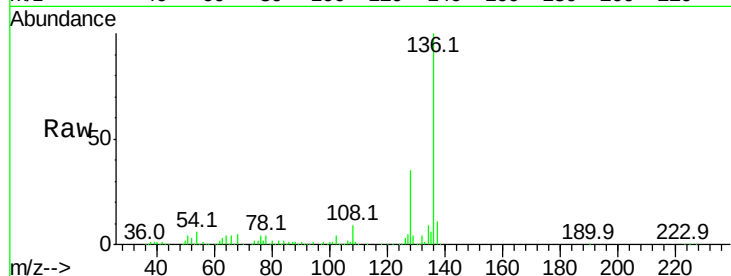




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tot Ion:136	Resp:	748076
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	5.6	4.9 7.3
68	4.7	4.1 6.1



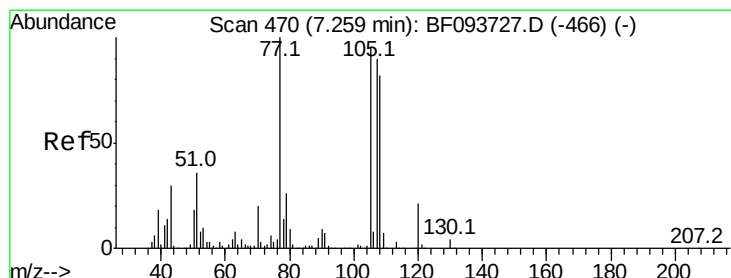
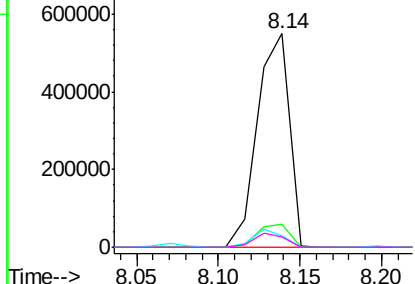
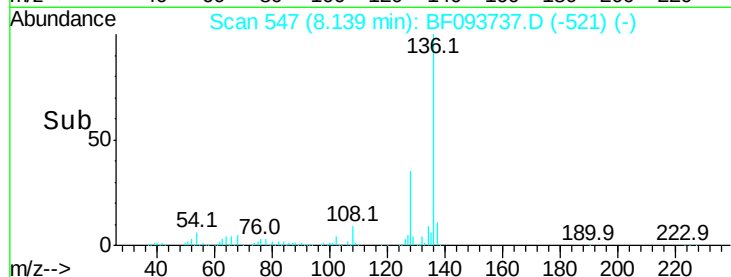
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

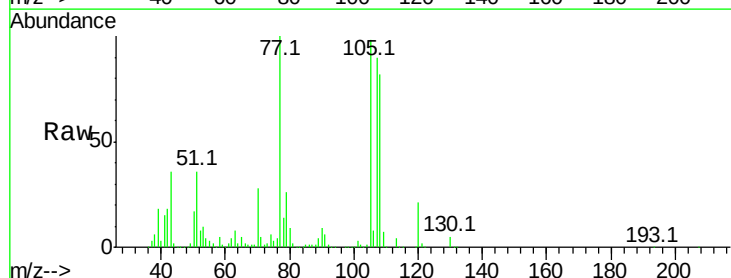
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 42.36 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion:105	Resp:	706072
Ion Ratio	Lower	Upper
105	100	
71	4.7	2.8 4.2#
51	36.4	30.7 46.1
120	21.6	17.4 26.0



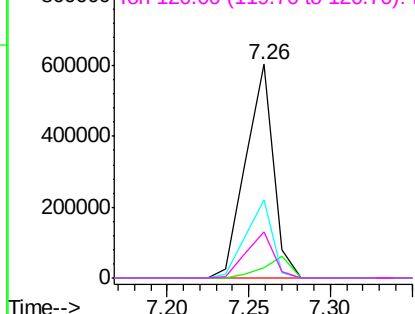
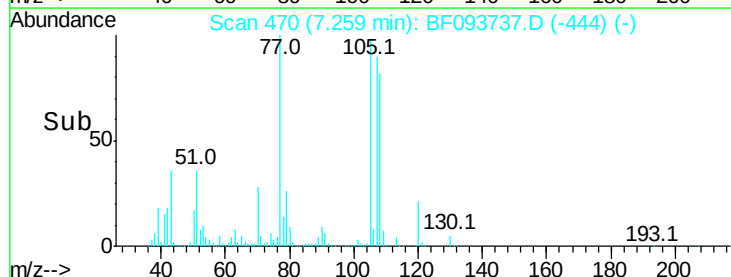
Abundance

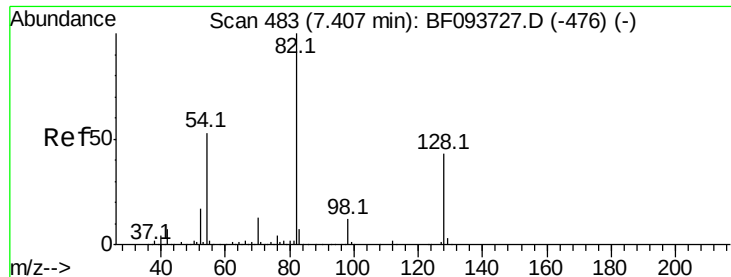
Ion 105.00 (104.70 to 105.70): E

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

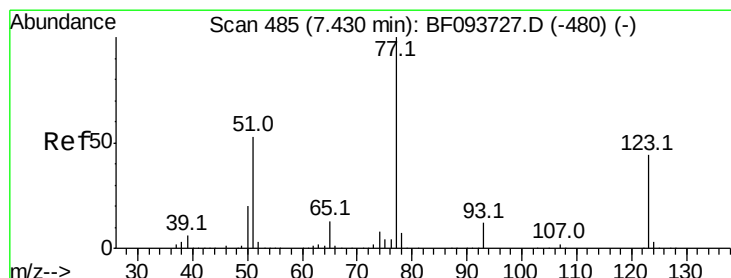
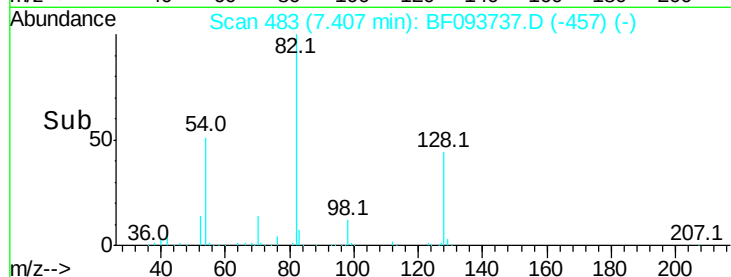
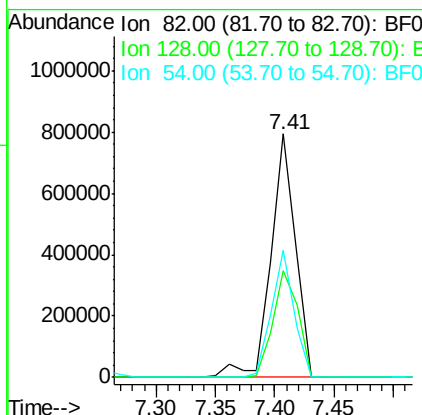
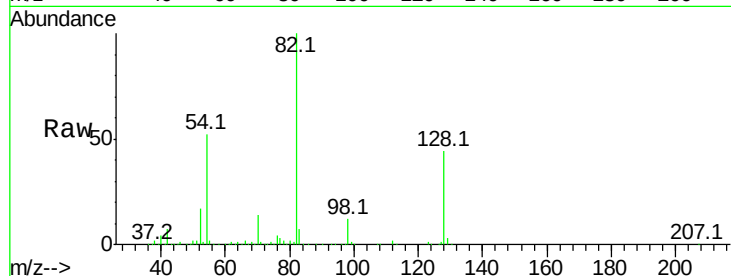




#23
 Nitrobenzene-d5
 Concen: 90.66 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

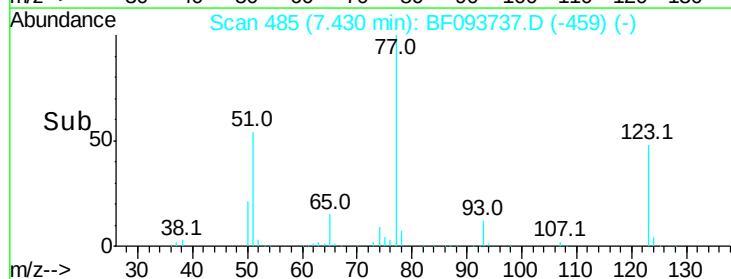
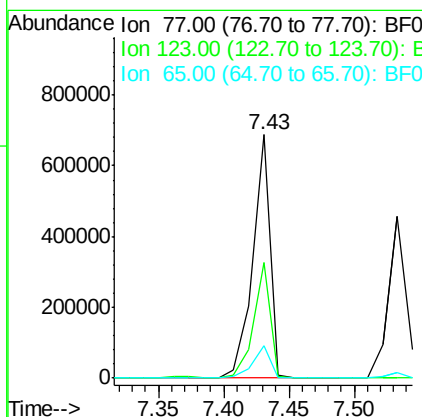
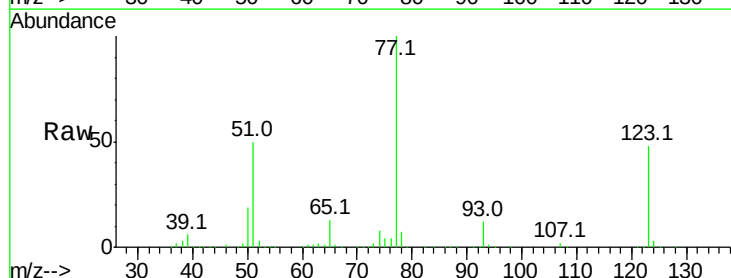
Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

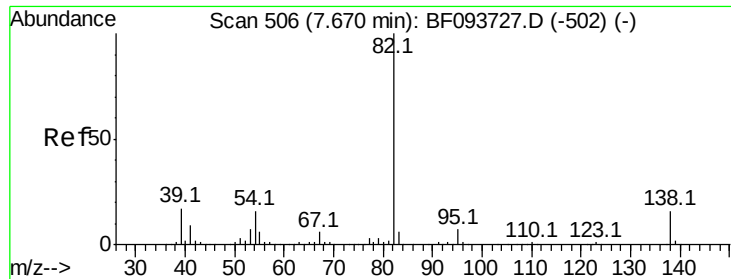
Tot Ion: 82 Resp: 1130040
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.0 51.0
 54 52.0 42.2 63.2



#24
 Nitrobenzene
 Concen: 47.05 ng
 RT: 7.43 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion: 77 Resp: 633926
 Ion Ratio Lower Upper
 77 100
 123 47.7 35.8 53.8
 65 13.1 10.6 15.8





#25

Isophorone

Concen: 44.57 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

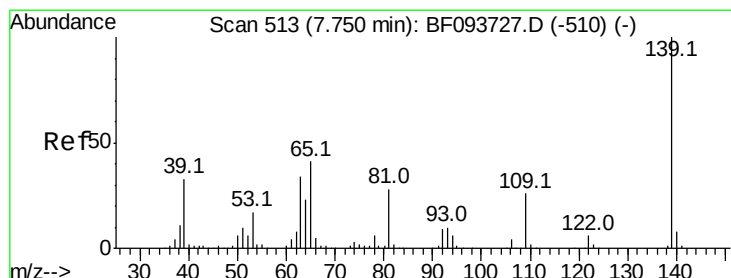
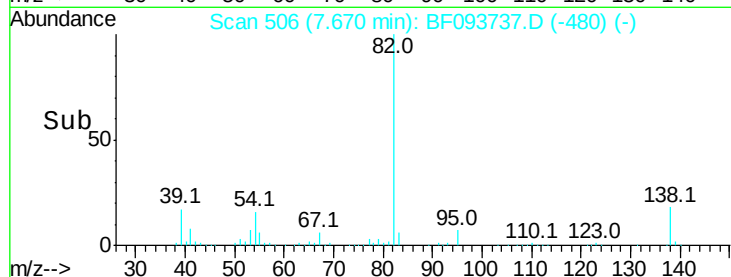
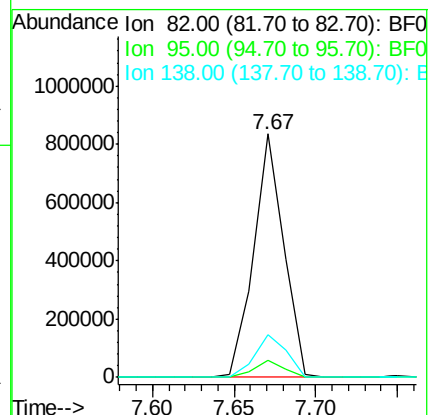
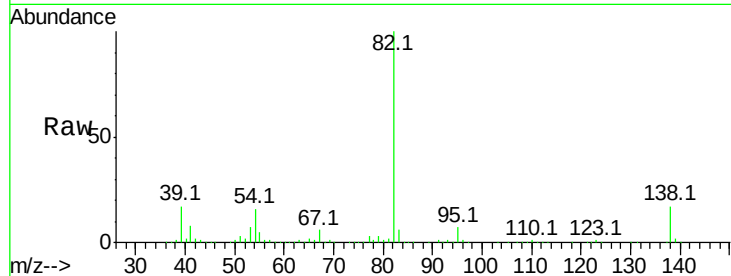
Tot Ion: 82 Resp: 1069360

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 17.4 13.1 19.7



#26

2-Nitrophenol

Concen: 57.94 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

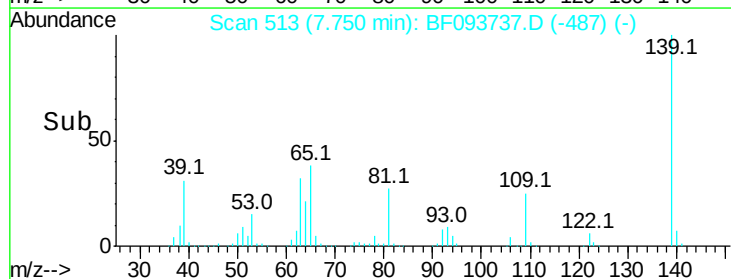
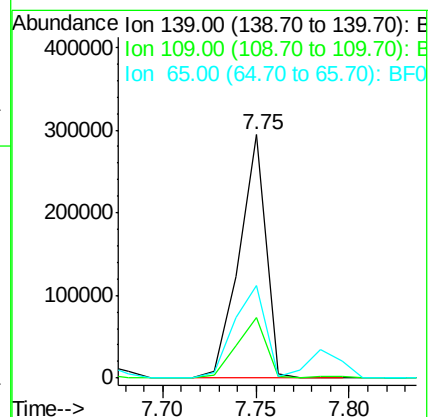
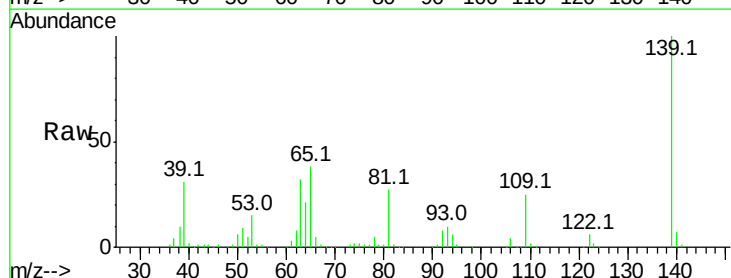
Tgt Ion: 139 Resp: 295608

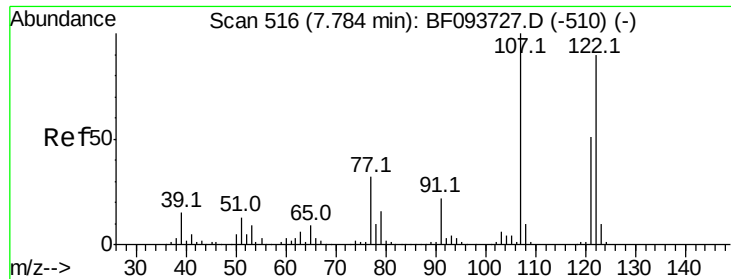
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 37.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 46.94 ng

RT: 7.78 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

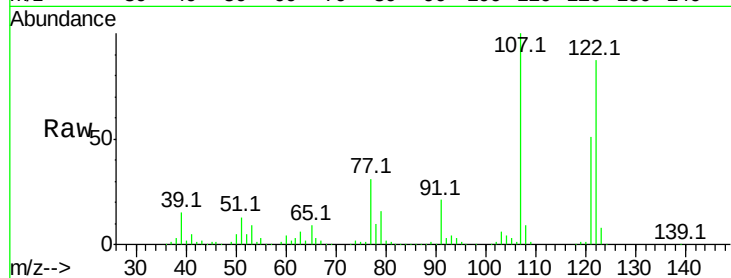
Tot Ion:122 Resp: 547932

Ion Ratio Lower Upper

122 100

107 114.6 89.2 133.8

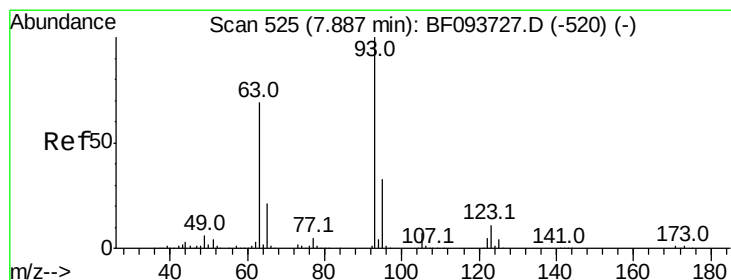
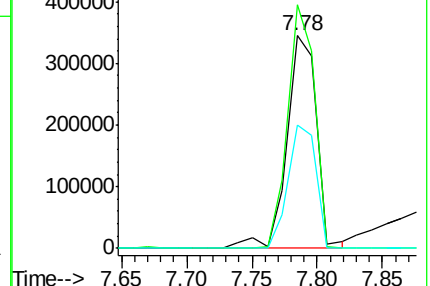
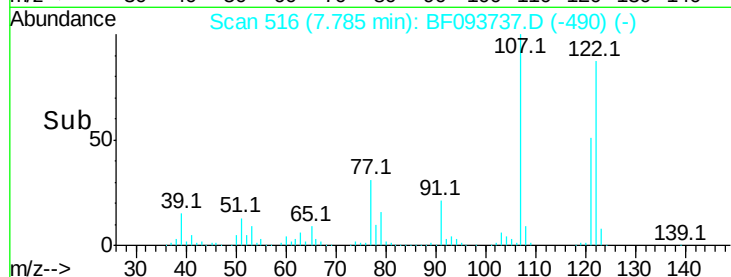
121 58.1 45.2 67.8



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: 46.50 ng

RT: 7.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

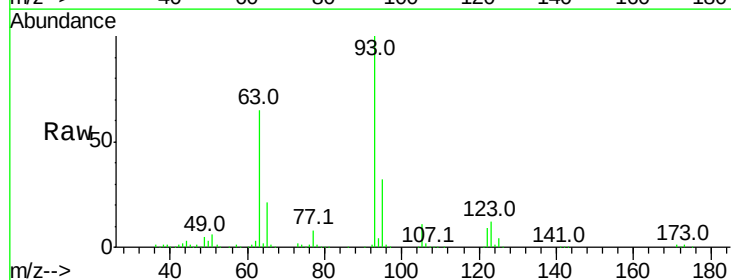
Tgt Ion: 93 Resp: 704193

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

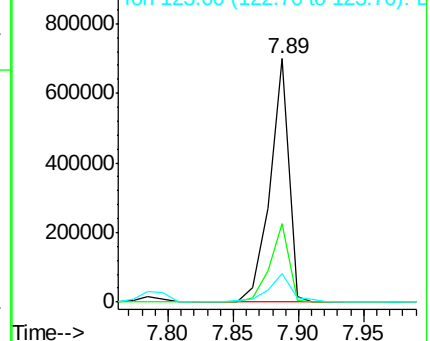
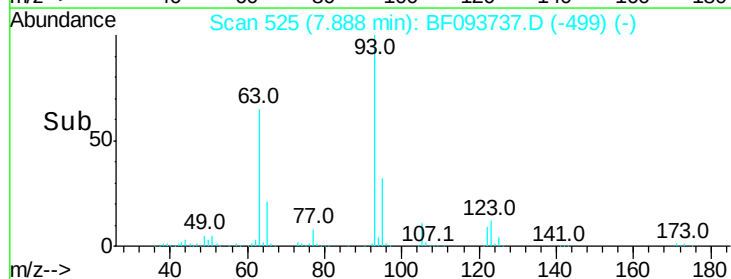
123 11.9 9.0 13.4

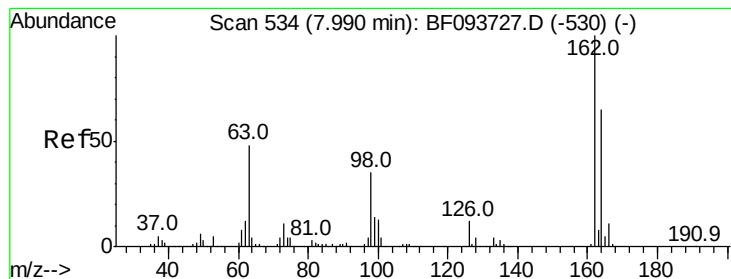


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.28 ng

RT: 7.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

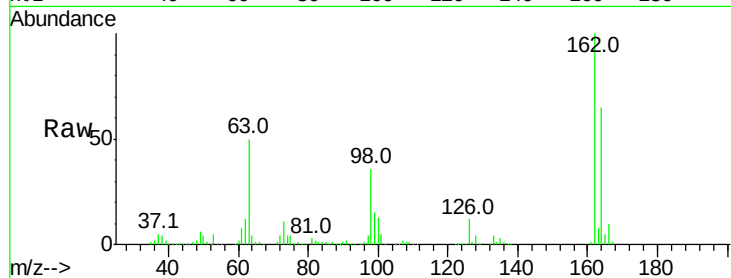
Tot Ion:162 Resp: 494288

Ion Ratio Lower Upper

162 100

164 64.7 44.6 84.6

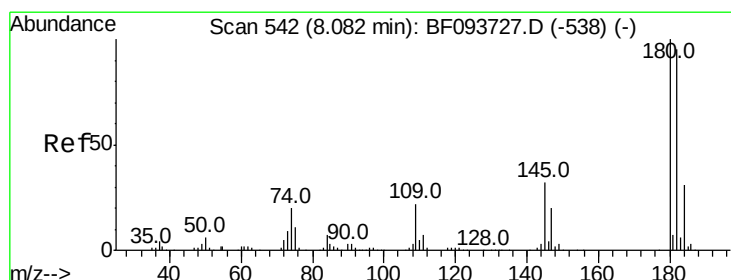
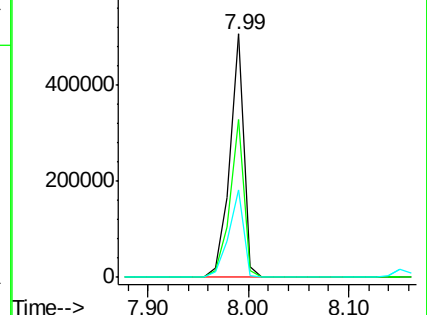
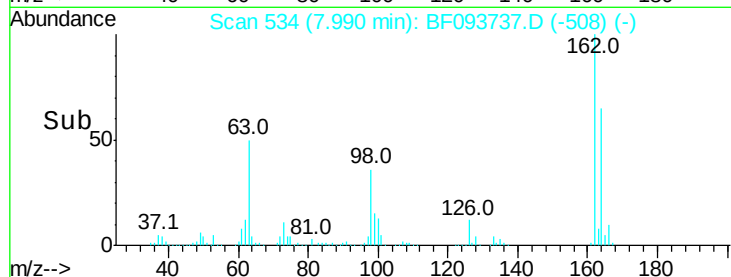
98 35.9 14.8 54.8



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: 45.93 ng

RT: 8.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

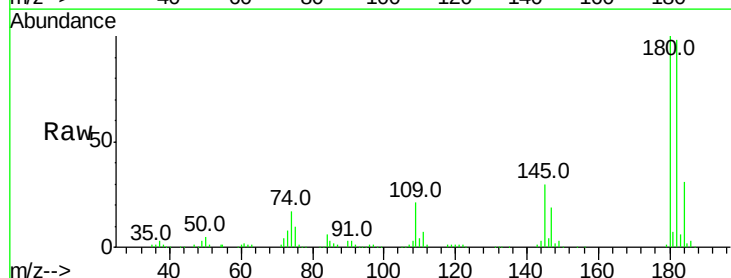
Tgt Ion:180 Resp: 480130

Ion Ratio Lower Upper

180 100

182 98.3 75.8 113.6

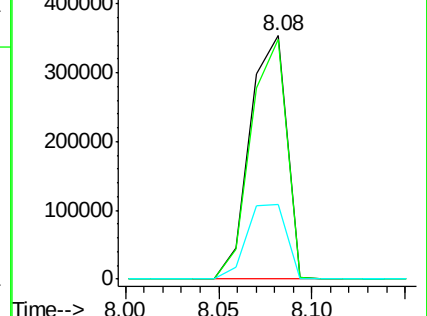
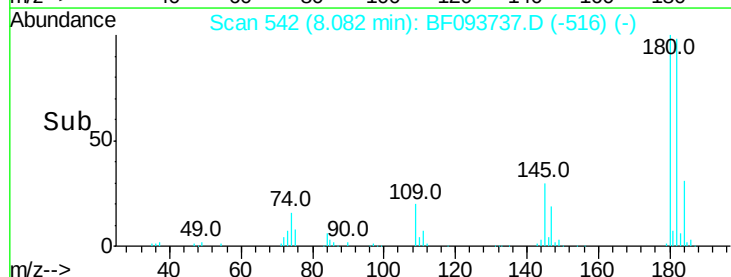
145 30.5 25.3 37.9

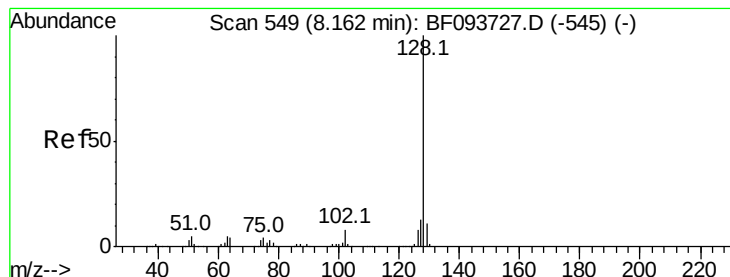


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.95 ng

RT: 8.15 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

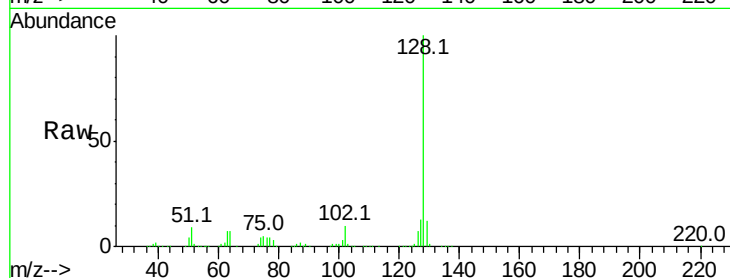
Tot Ion:128 Resp: 1566695

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

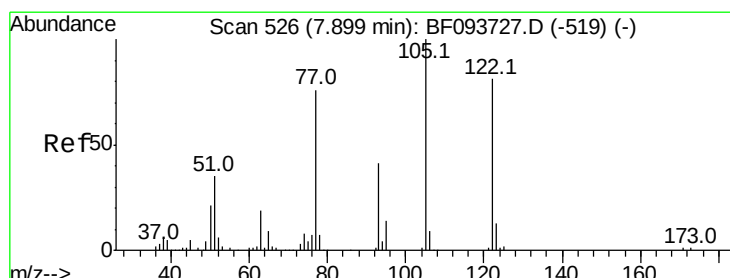
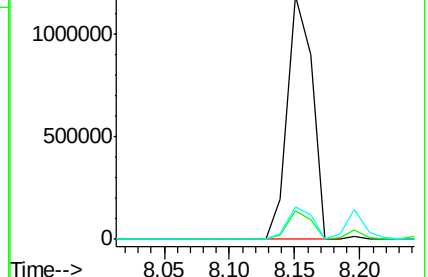
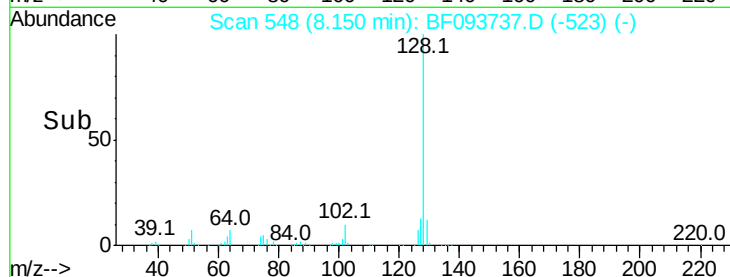
127 13.5 10.8 16.2



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: 46.07 ng

RT: 7.91 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

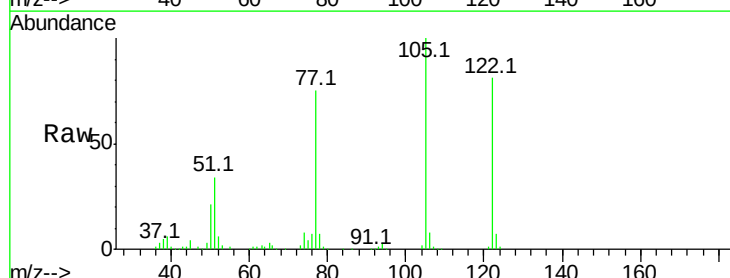
Tgt Ion:122 Resp: 331376

Ion Ratio Lower Upper

122 100

105 123.2 103.3 143.3

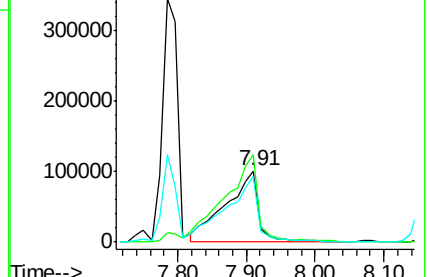
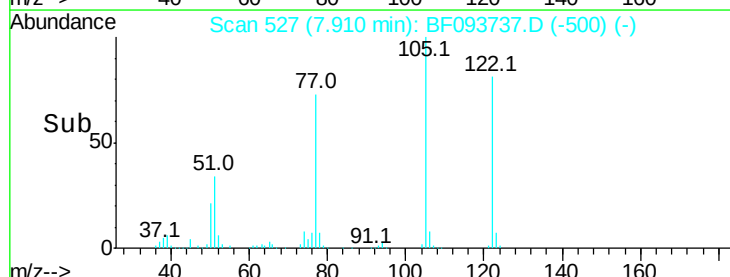
77 92.8 73.7 113.7

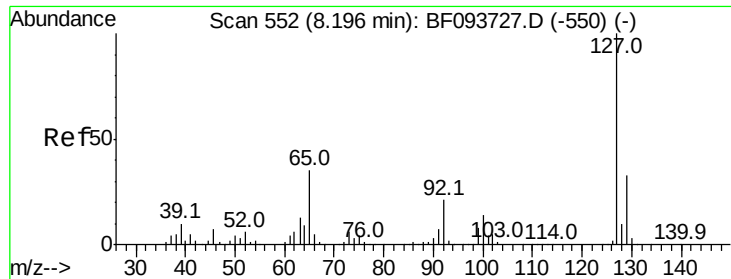


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

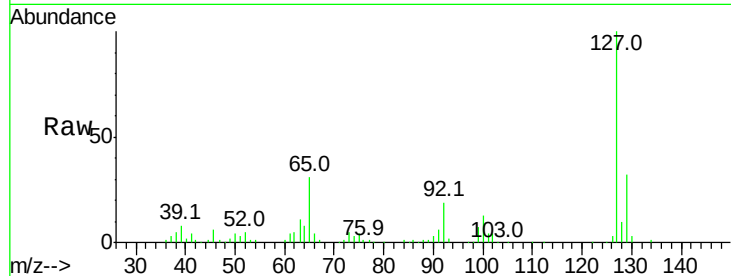




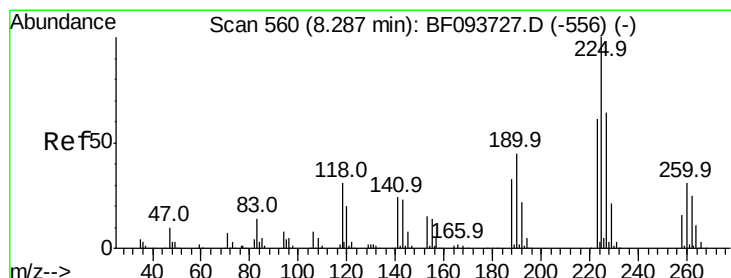
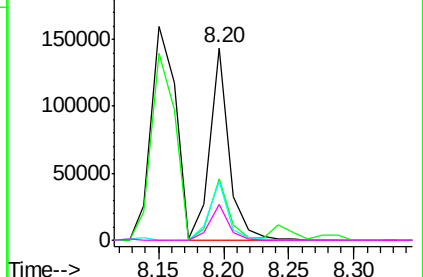
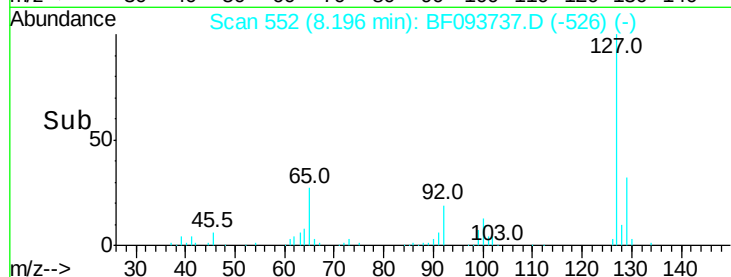
#33
4-Chloroaniline
Concen: 9.66 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tot Ion:	127	Resp:	147602
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	30.8	27.8	41.8
92	18.9	16.8	25.2

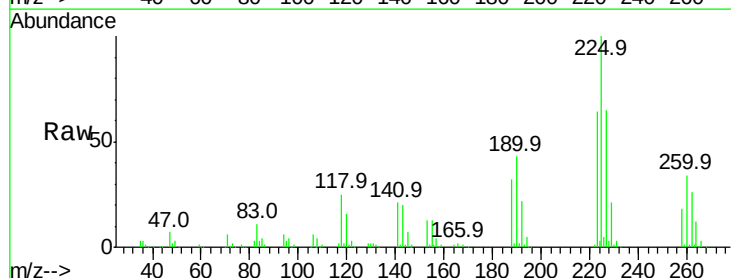


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

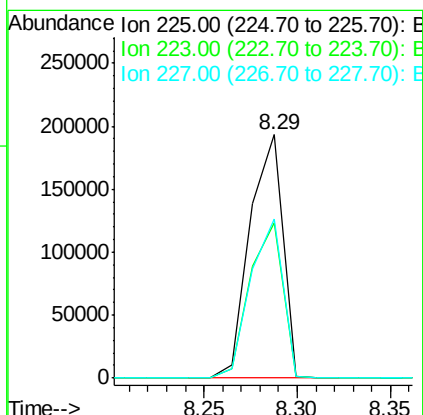
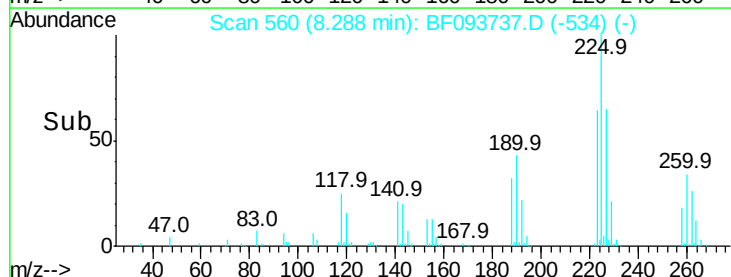


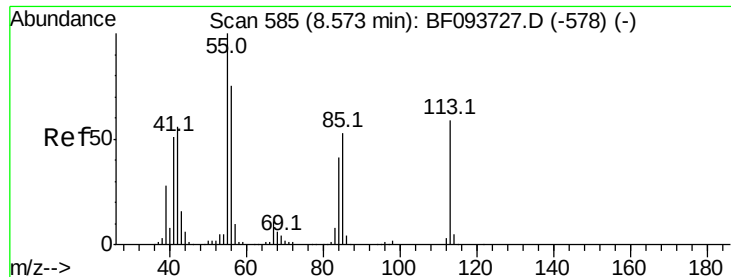
#34
Hexachlorobutadiene
Concen: 43.11 ng
RT: 8.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion:	225	Resp:	236036
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	65.2	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: 28.33 ng

RT: 8.56 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

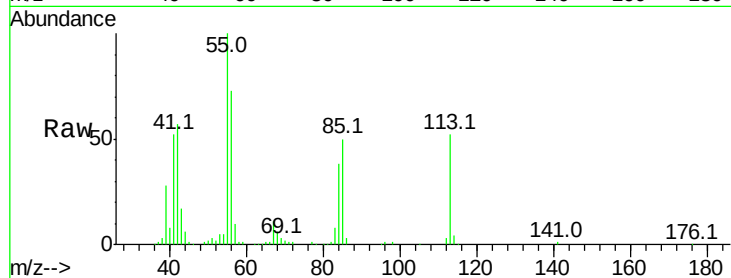
Tot Ion:113 Resp: 95383

Ion Ratio Lower Upper

113 100

55 192.1 150.2 190.2#

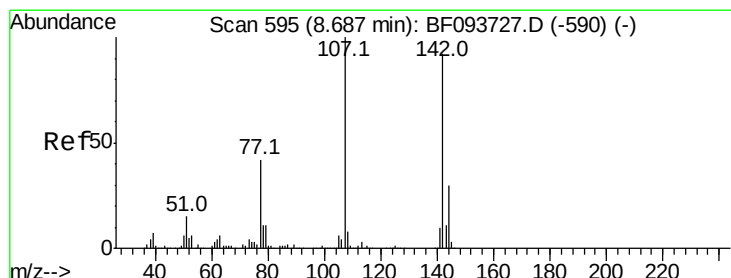
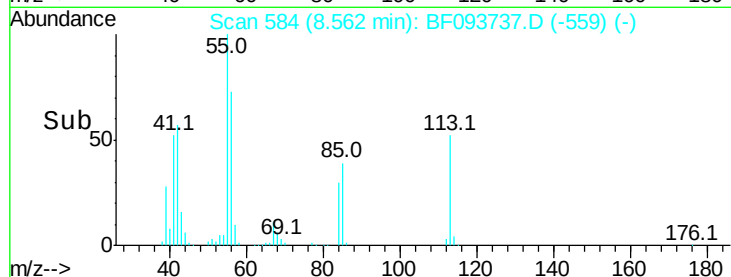
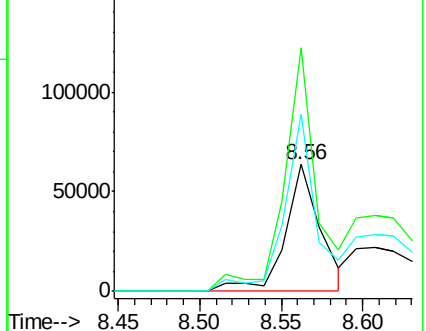
56 140.2 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.59 ng

RT: 8.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

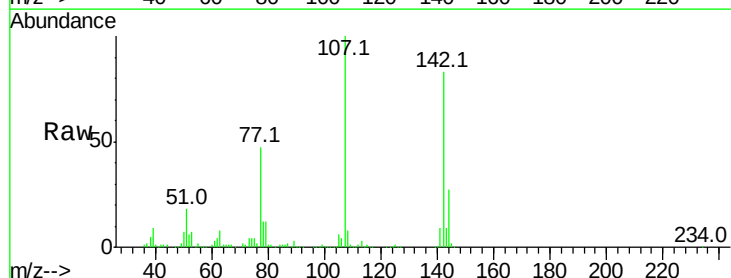
Tgt Ion:107 Resp: 544805

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

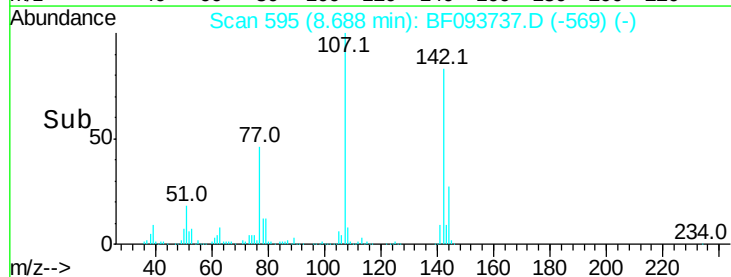
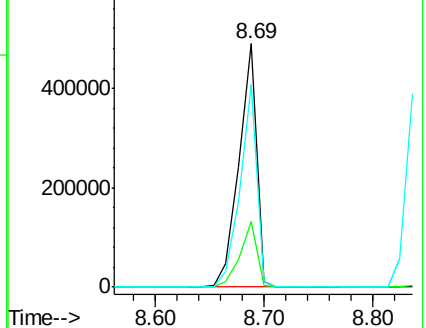
142 83.0 73.4 110.0

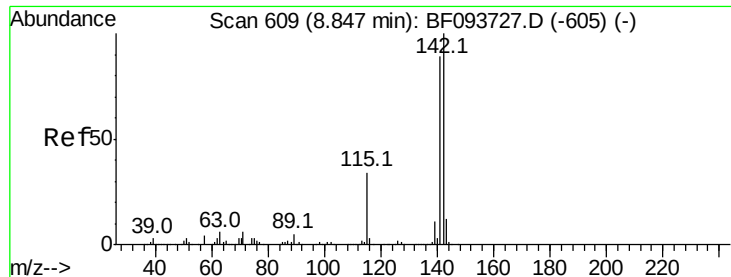


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.06 ng

RT: 8.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

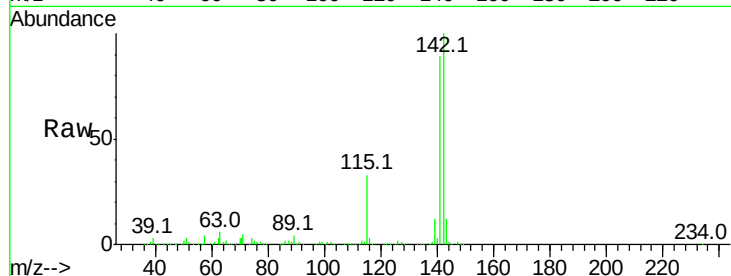
Tot Ion:142 Resp: 1111593

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9

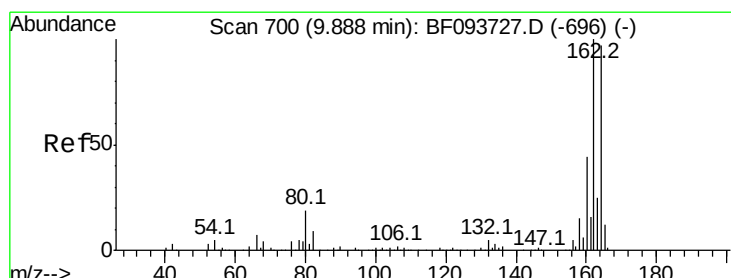
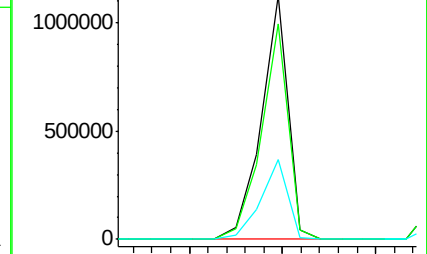
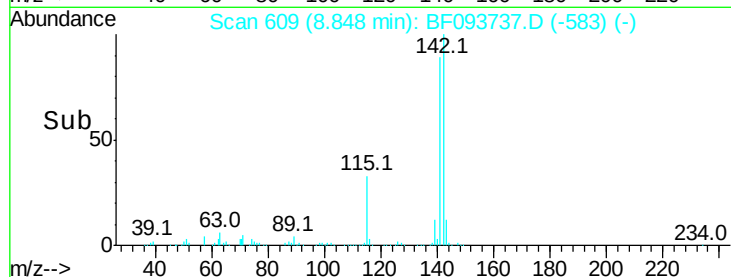
115 32.7 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

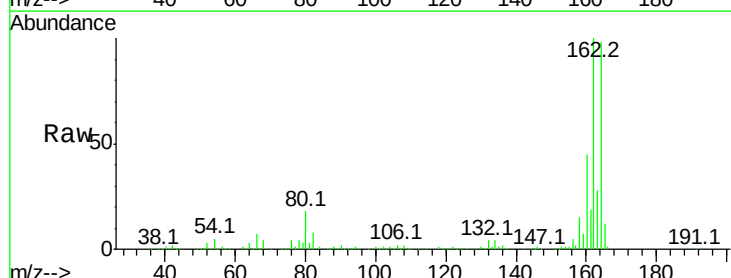
Tgt Ion:164 Resp: 354331

Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

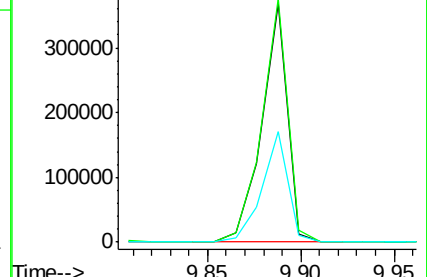
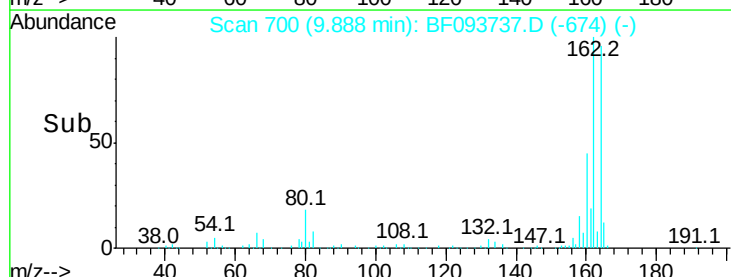
160 46.4 36.2 54.2

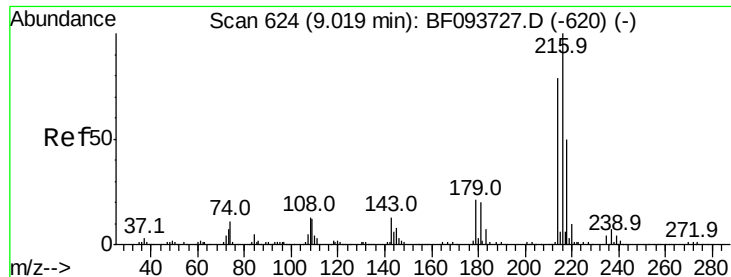


Abundance Ion 164.00 (163.70 to 164.70): E

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: 48.73 ng

RT: 9.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

Tot Ion:216 Resp: 404288

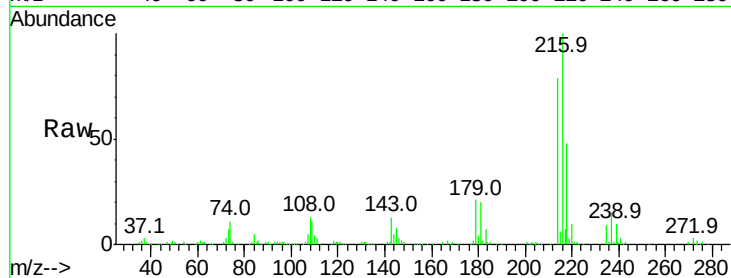
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 22.2 17.9 26.9

108 21.6 16.5 24.7

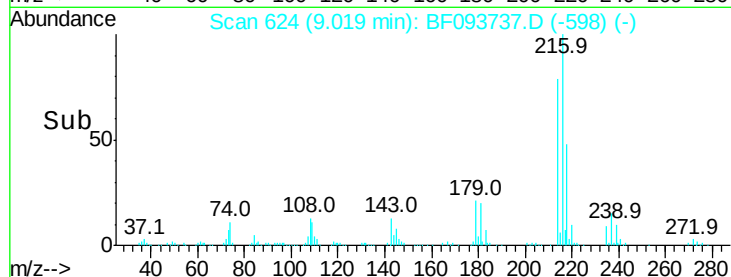


Abundance Ion 216.00 (215.70 to 216.70): E

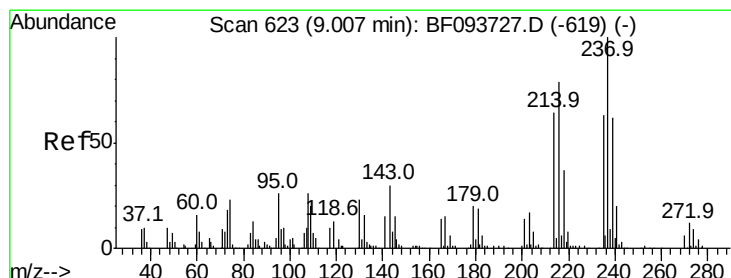
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 95.76 ng

RT: 9.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

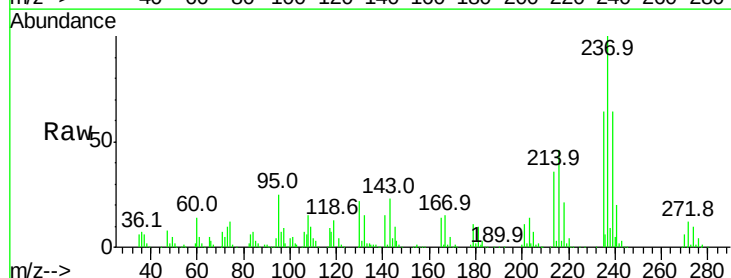
Tgt Ion:237 Resp: 396916

Ion Ratio Lower Upper

237 100

235 64.1 42.6 82.6

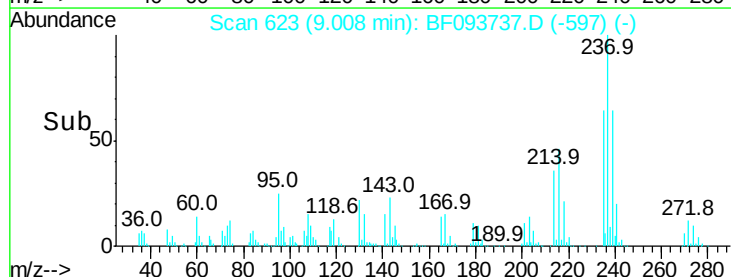
272 12.2 0.0 31.9



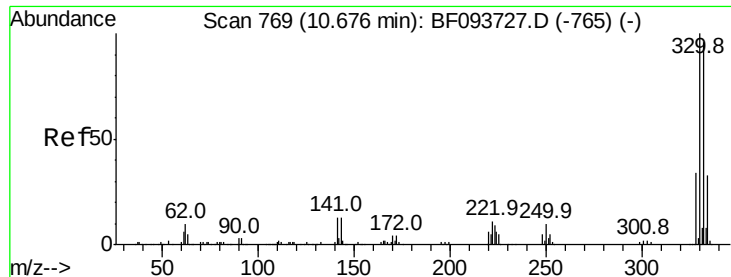
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



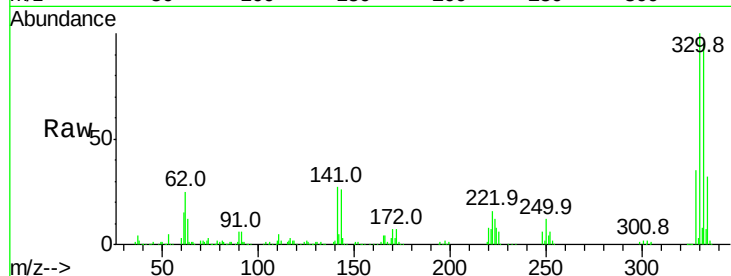
Time-->



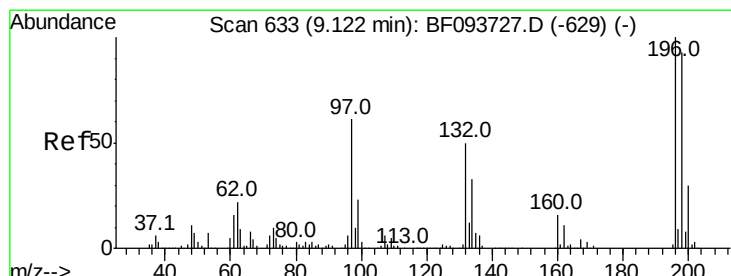
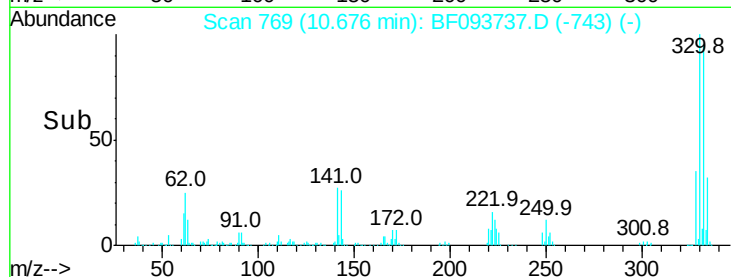
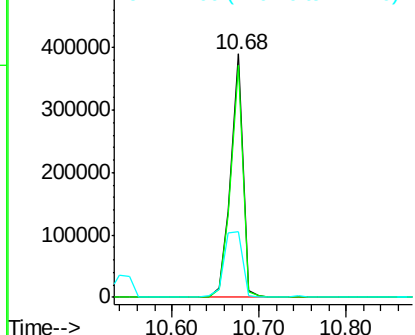
#41
 2,4,6-Tribromophenol
 Concen: 166.23 ng
 RT: 10.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	40.8	31.4	47.2

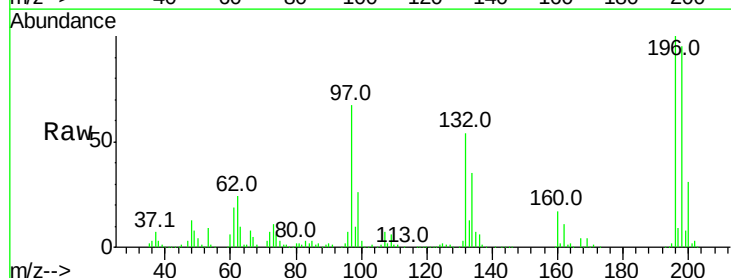


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

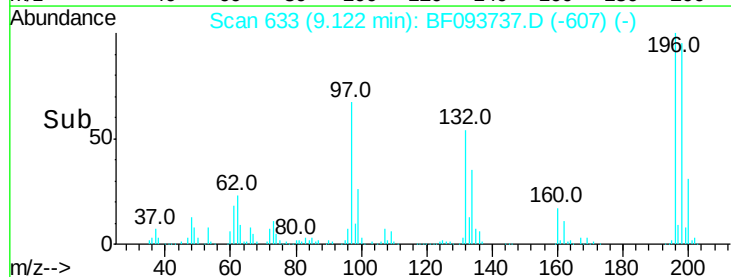
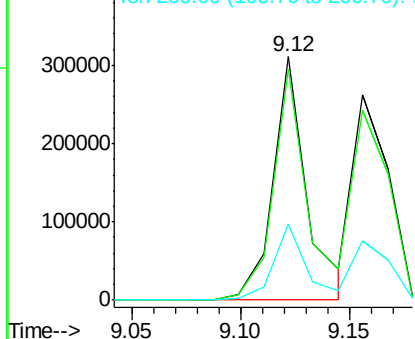


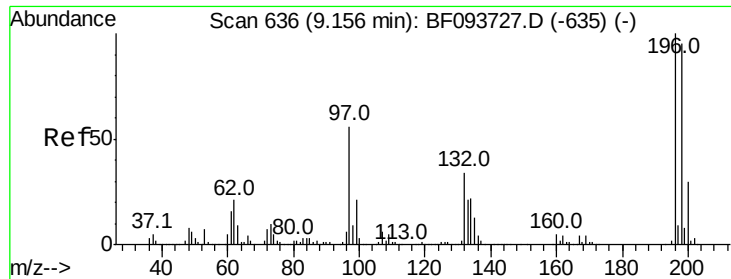
#42
 2,4,6-Trichlorophenol
 Concen: 54.85 ng
 RT: 9.12 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.2	111.4
200	31.0	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

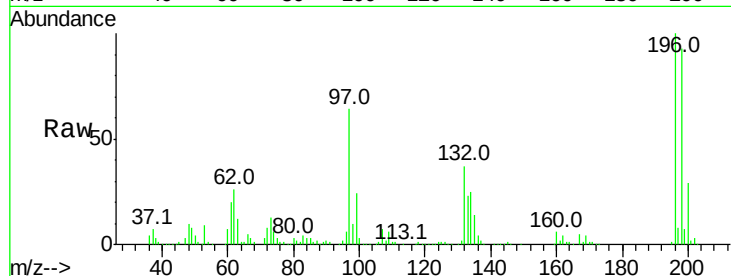




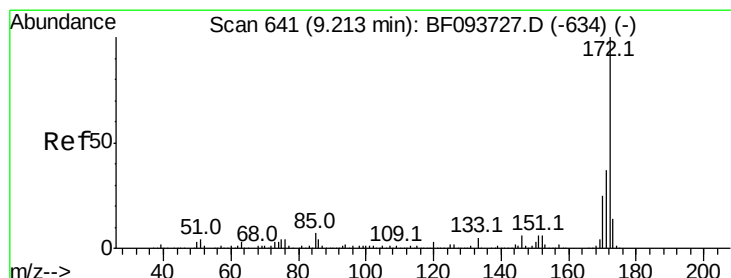
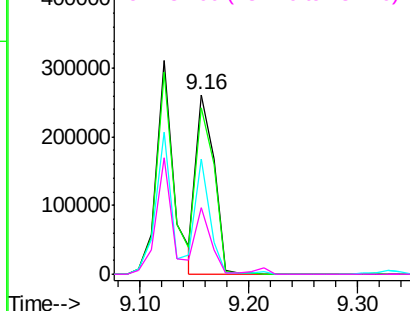
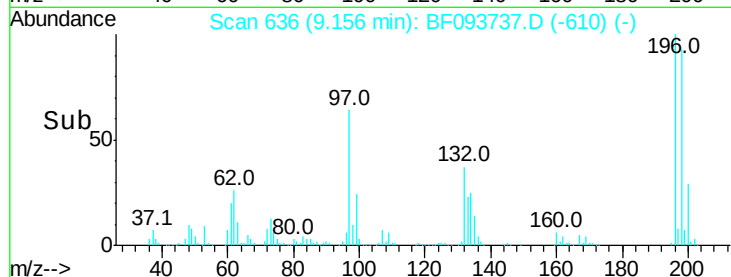
#43
 2,4,5-Trichlorophenol
 Concen: 47.75 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tot Ion:196 Resp: 301183
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.7 113.5
 97 64.2 47.7 71.5
 132 36.8 28.0 42.0

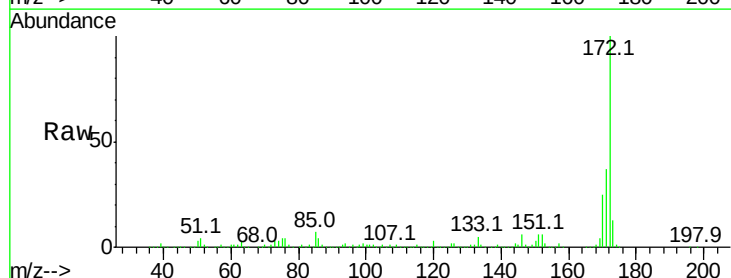


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

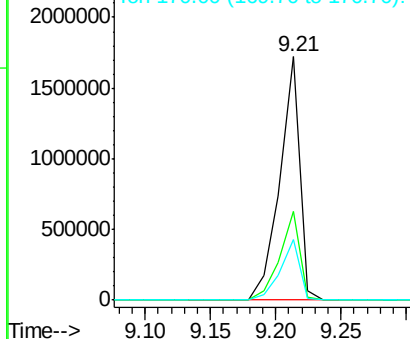
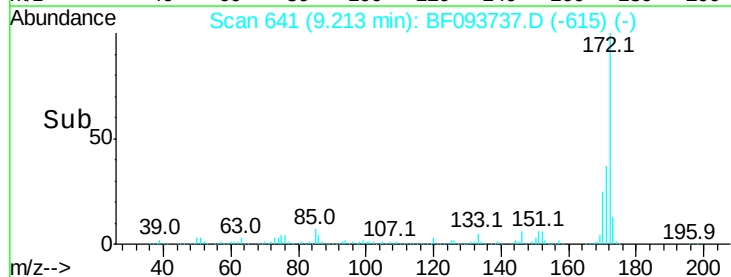


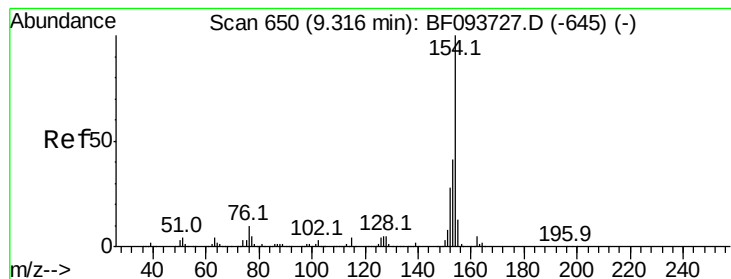
#44
 2-Fluorobiphenyl
 Concen: 99.08 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion:172 Resp: 1860418
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.8 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: 49.67 ng

RT: 9.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

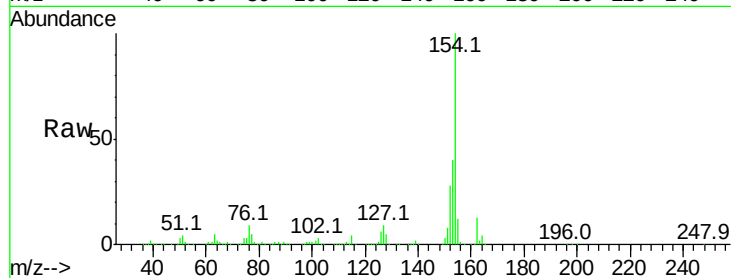
Tot Ion:154 Resp: 1234060

Ion Ratio Lower Upper

154 100

153 40.0 21.2 61.2

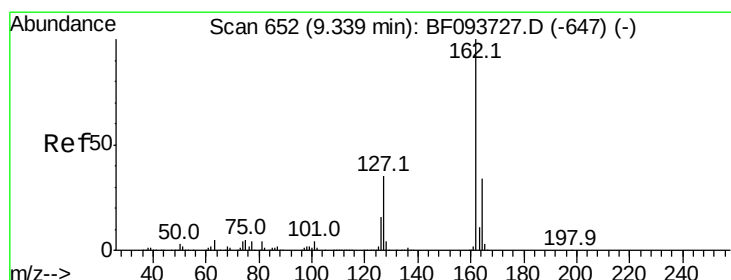
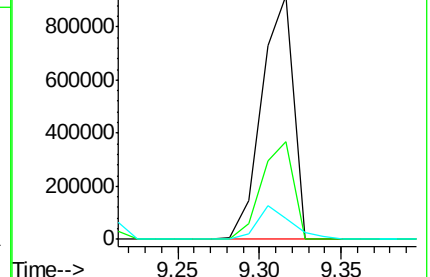
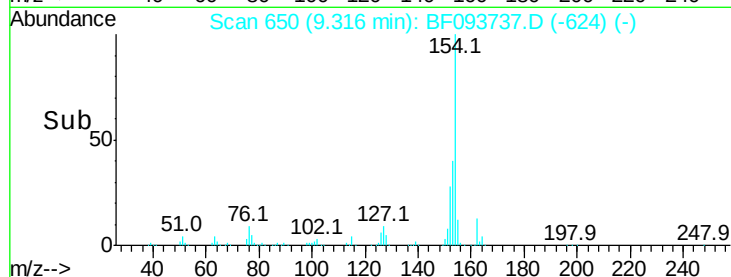
76 8.8 0.0 29.9



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: 48.06 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

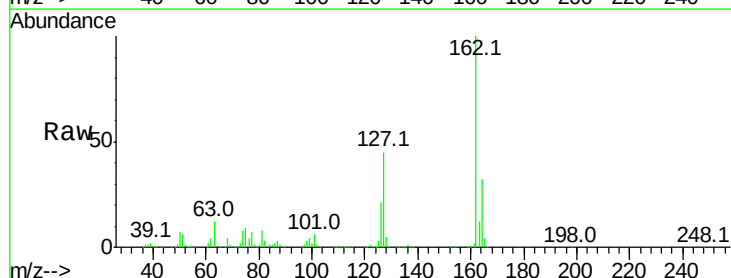
Tgt Ion:162 Resp: 958069

Ion Ratio Lower Upper

162 100

127 44.8 28.3 42.5#

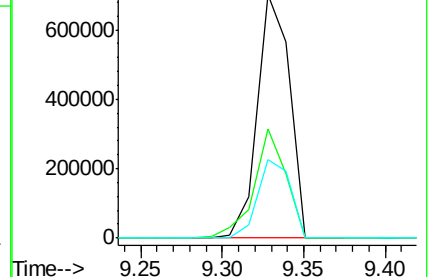
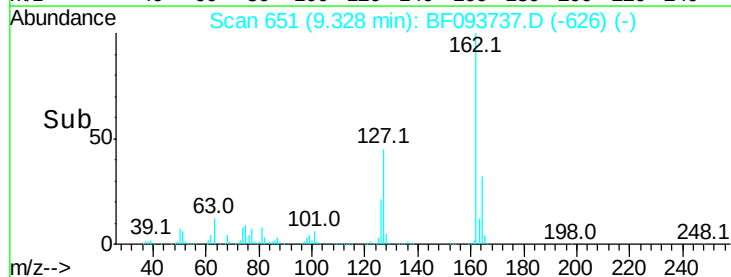
164 32.3 27.0 40.4

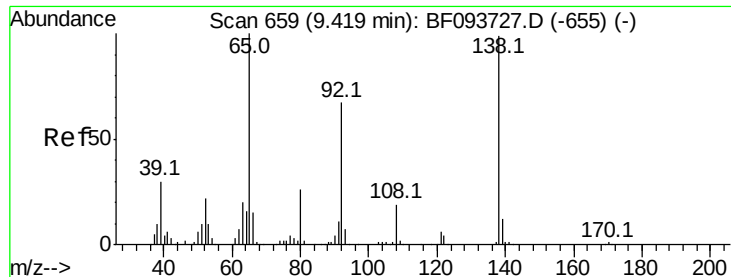


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.99 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

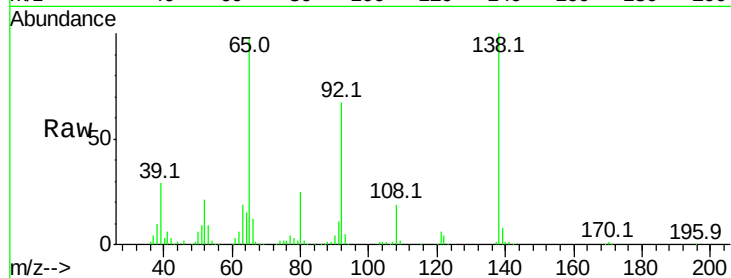
Tot Ion: 65 Resp: 271021

Ion Ratio Lower Upper

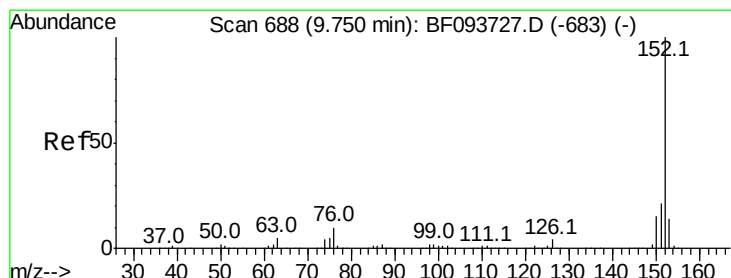
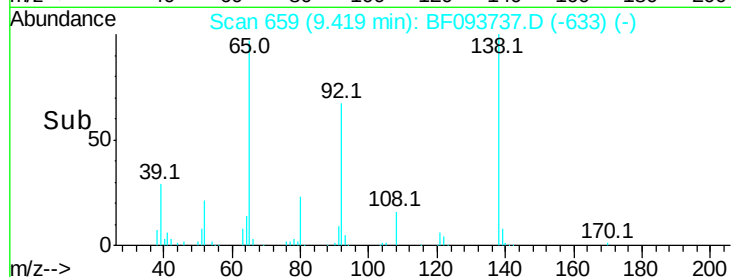
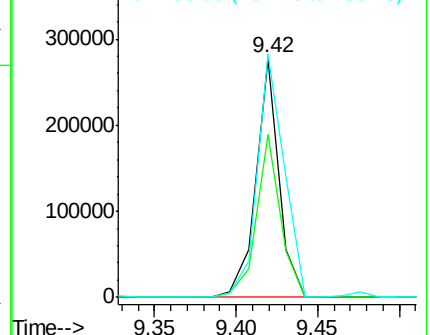
65 100

92 68.0 53.9 80.9

138 101.8 78.8 118.2



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



#48

Acenaphthylene

Concen: 51.00 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

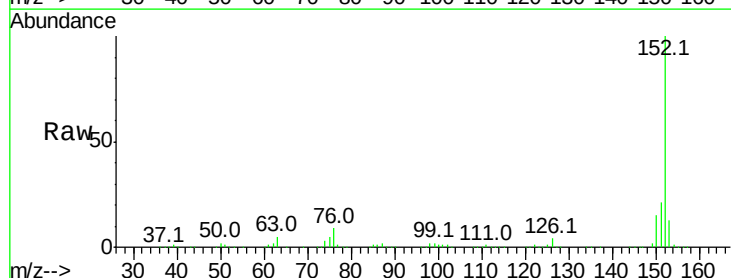
Tgt Ion: 152 Resp: 1657916

Ion Ratio Lower Upper

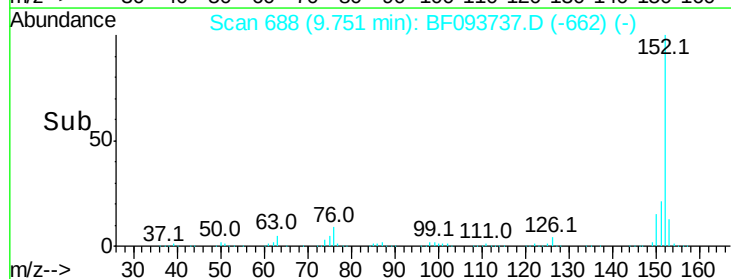
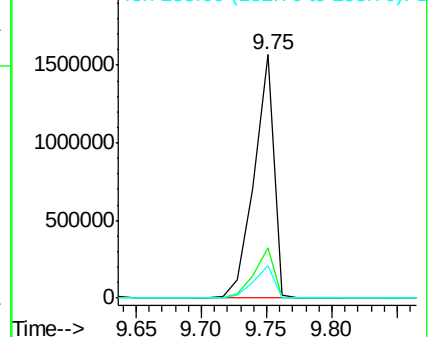
152 100

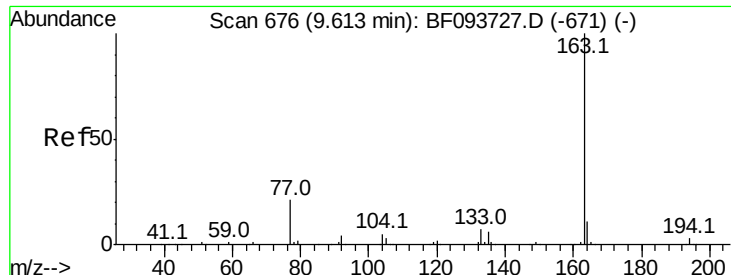
151 20.7 16.8 25.2

153 13.4 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

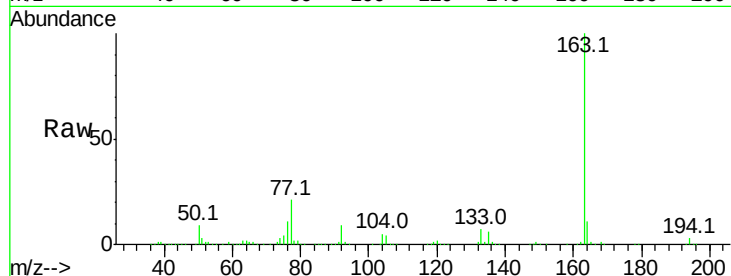




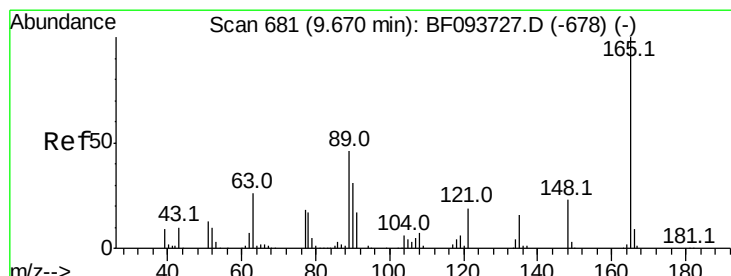
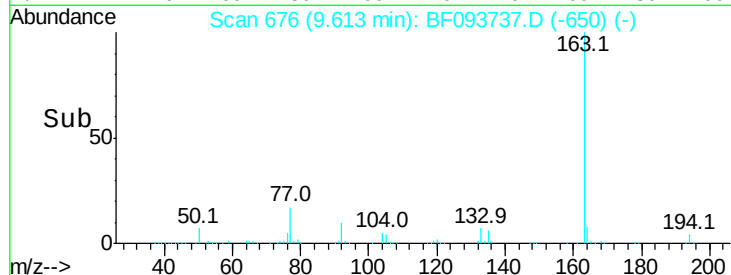
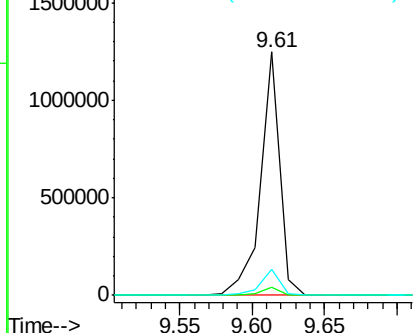
#49
Dimethylphthalate
Concen: 49.12 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tot Ion:163 Resp: 1136854
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.5 8.4 12.6

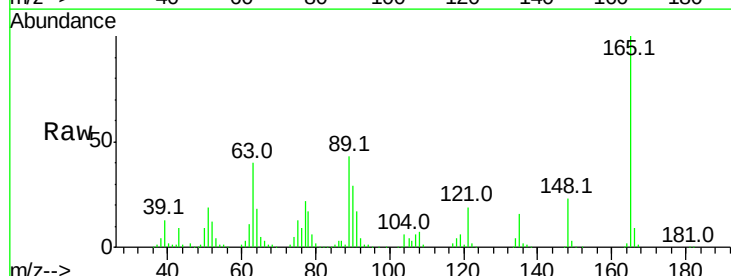


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

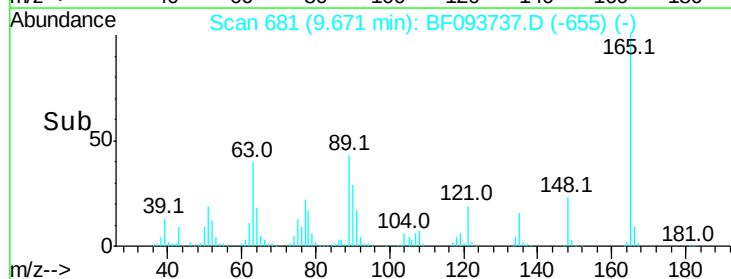
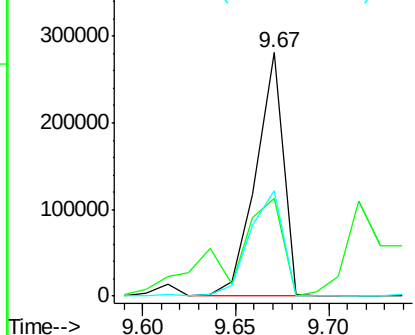


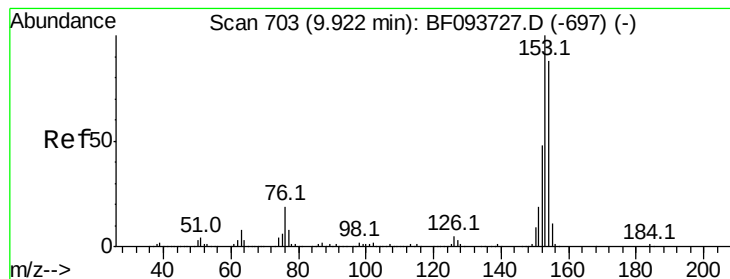
#50
2,6-Dinitrotoluene
Concen: 57.45 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion:165 Resp: 287191
Ion Ratio Lower Upper
165 100
63 40.2 34.3 51.5
89 43.4 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: 55.61 ng

RT: 9.92 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

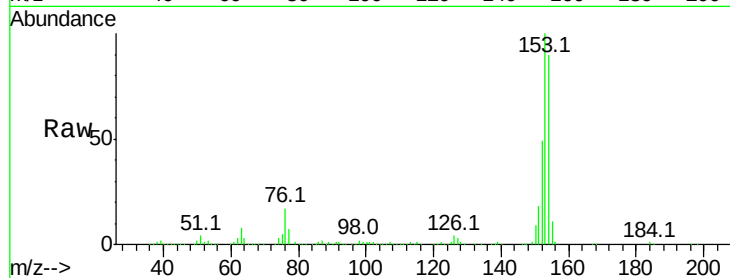
Tot Ion:154 Resp: 1065409

Ion Ratio Lower Upper

154 100

153 110.6 90.5 135.7

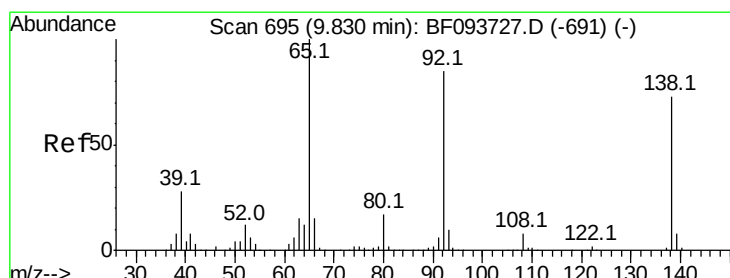
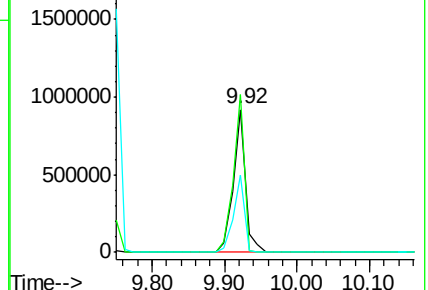
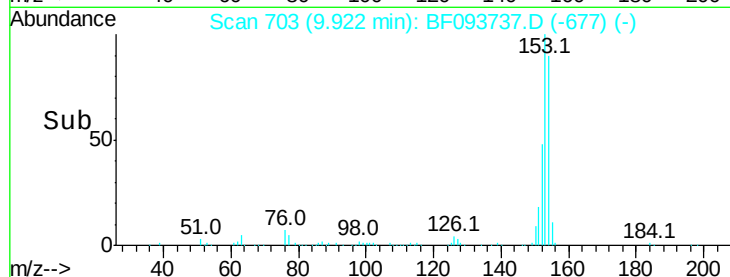
152 53.8 43.6 65.4



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: 22.46 ng

RT: 9.83 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

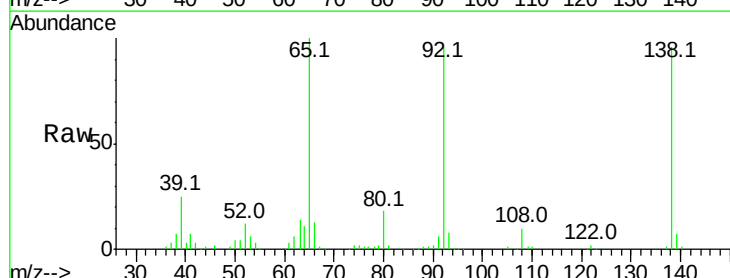
Tgt Ion:138 Resp: 133219

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

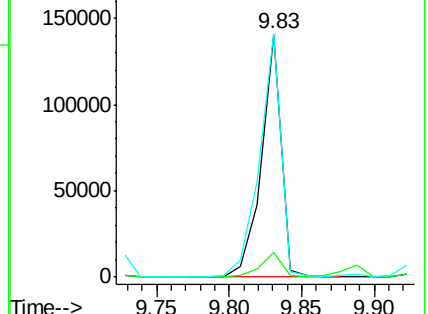
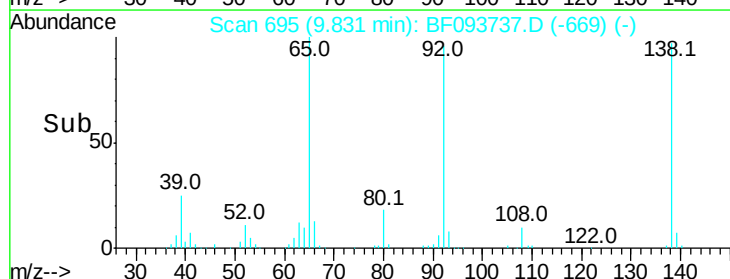
92 100.3 93.8 140.6

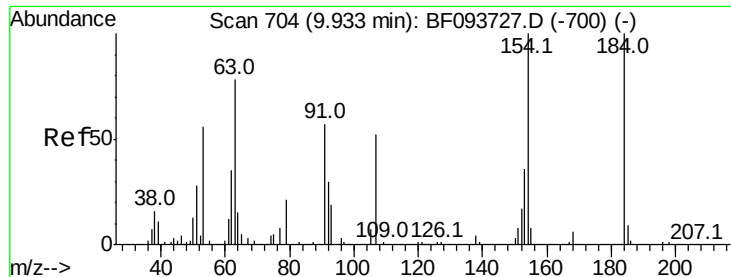


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

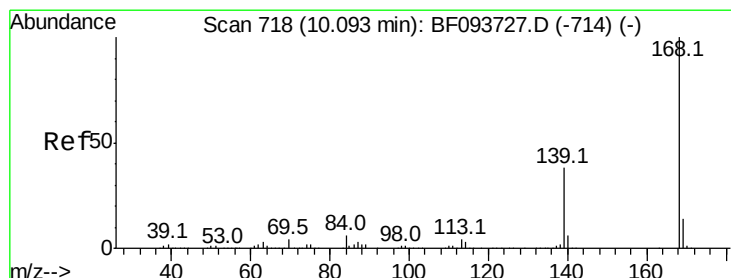
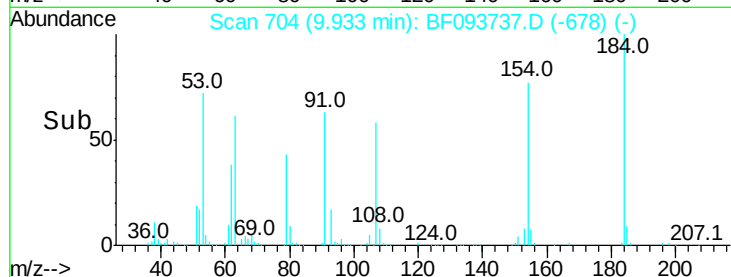
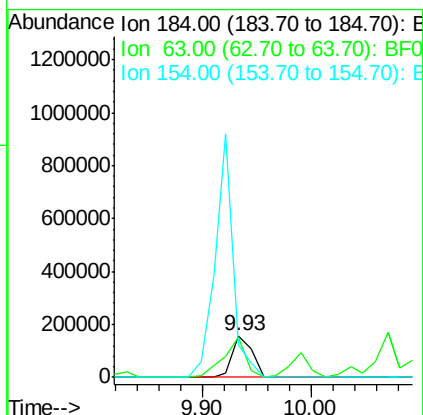
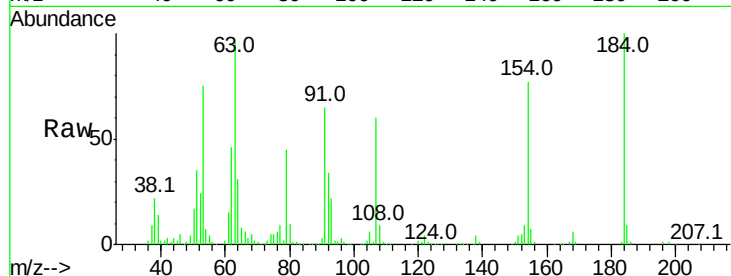




#53
2,4-Dinitrophenol
Concen: 87.20 ng
RT: 9.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

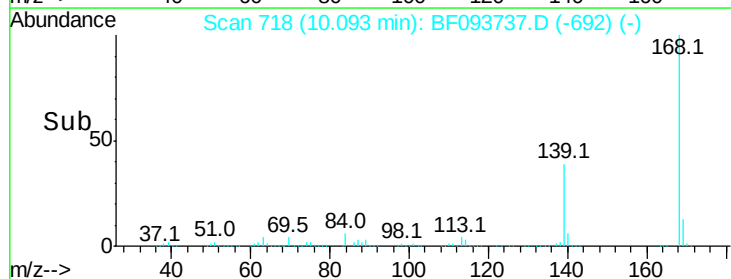
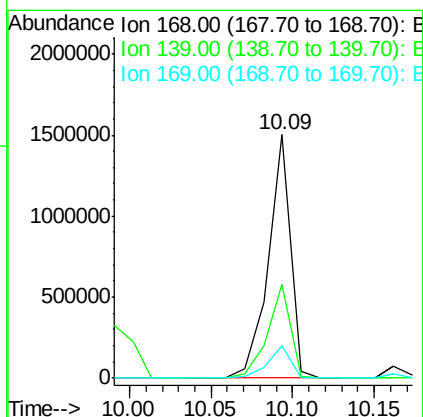
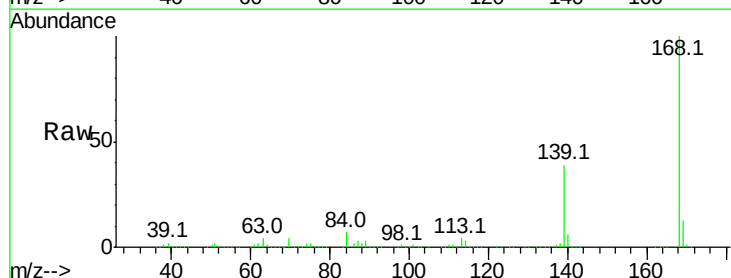
Instrument :
BNA_F
ClientSampleId :
PB97625BS

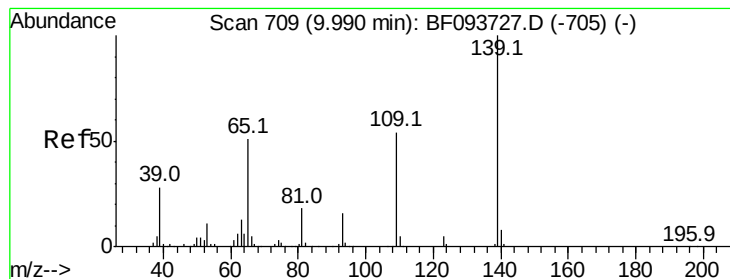
Tot Ion:184 Resp: 199469
Ion Ratio Lower Upper
184 100
63 96.0 62.7 94.1#
154 77.0 81.1 121.7#



#54
Dibenzofuran
Concen: 54.67 ng
RT: 10.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion:168 Resp: 1423937
Ion Ratio Lower Upper
168 100
139 38.6 30.6 45.8
169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 106.81 ng

RT: 9.99 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

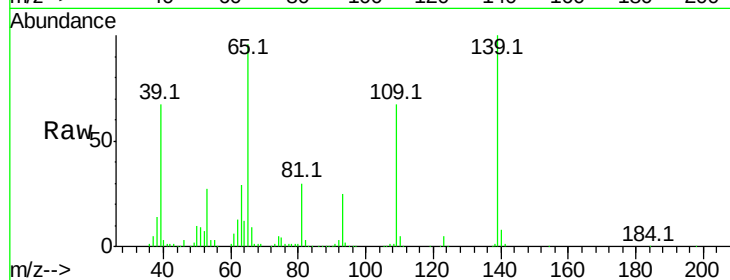
Tot Ion:139 Resp: 477947

Ion Ratio Lower Upper

139 100

109 66.9 34.1 74.1

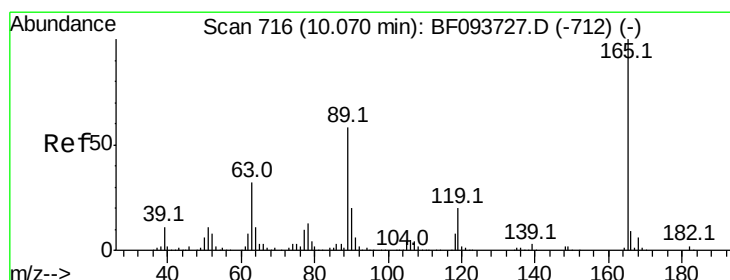
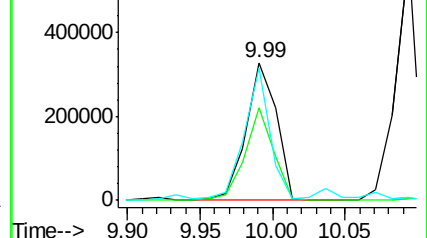
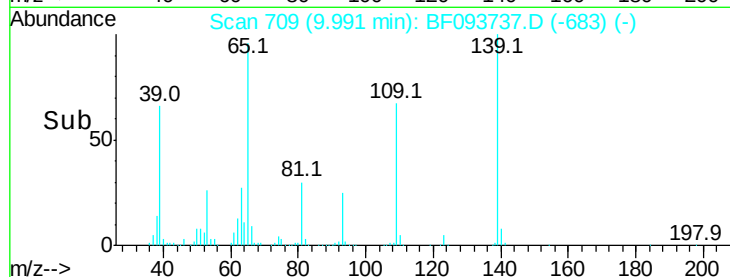
65 95.9 31.4 71.4#



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: 54.97 ng

RT: 10.07 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:165 Resp: 365810

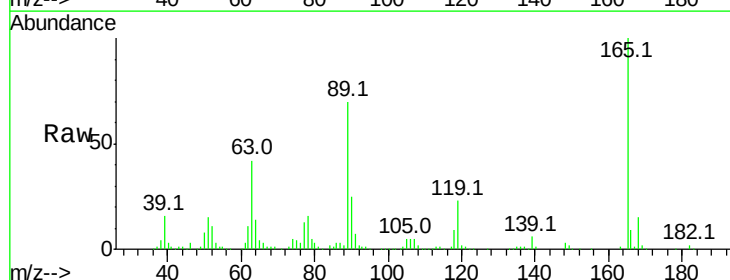
Ion Ratio Lower Upper

165 100

63 41.8 25.4 38.0#

89 70.1 46.4 69.6#

182 2.2 1.8 2.6

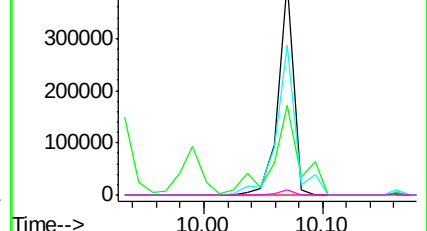
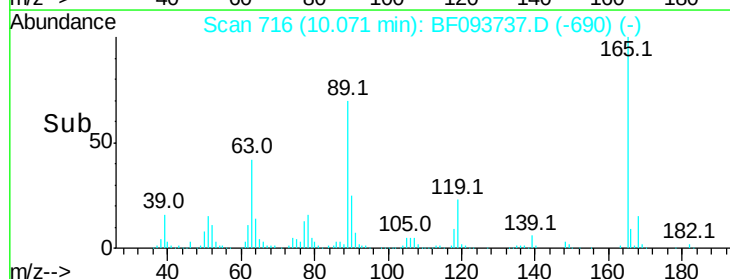


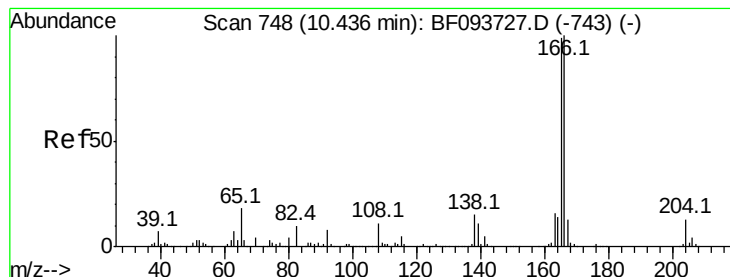
Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.58 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

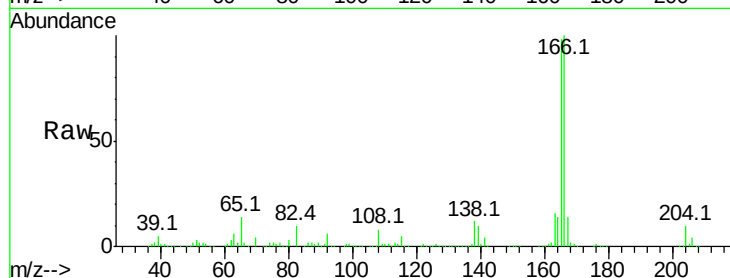
Tot Ion:166 Resp: 1047598

Ion Ratio Lower Upper

166 100

165 98.4 78.8 118.2

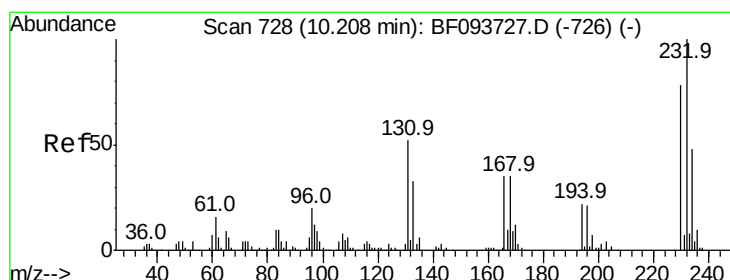
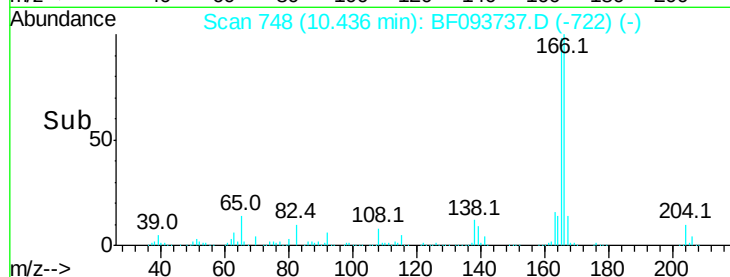
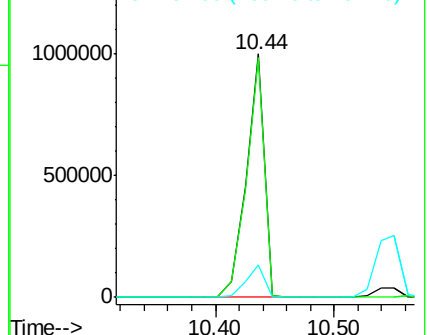
167 13.5 10.6 16.0



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: 59.22 ng

RT: 10.21 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:232 Resp: 256885

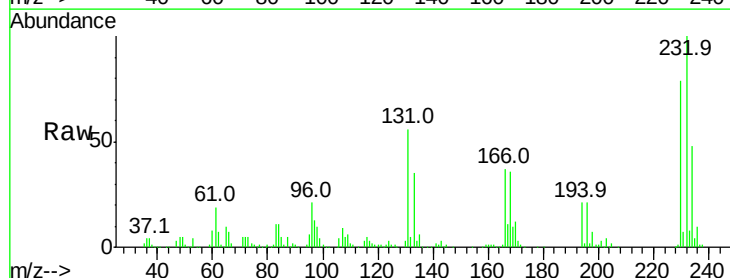
Ion Ratio Lower Upper

232 100

131 57.0 44.8 67.2

130 2.6 2.3 3.5

166 36.1 29.0 43.4

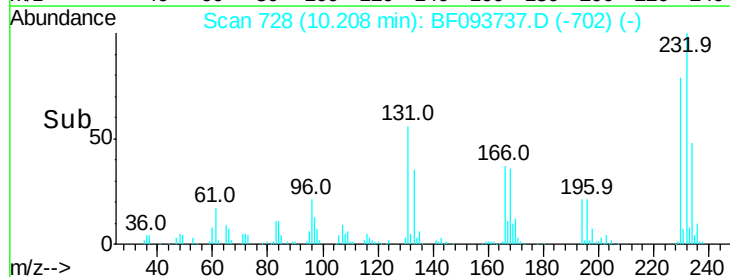
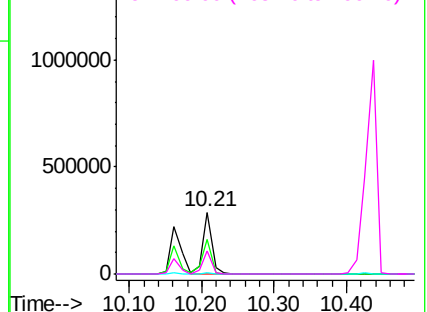


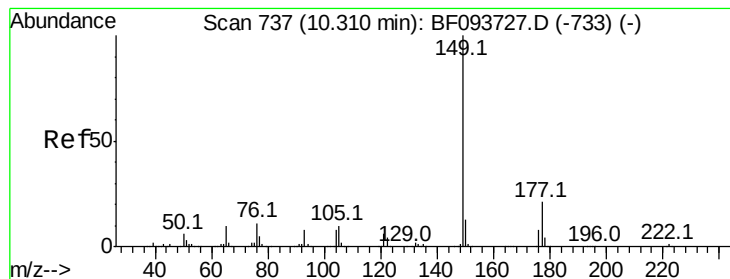
Abundance Ion 232.00 (231.70 to 232.70): E

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: 50.51 ng

RT: 10.31 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

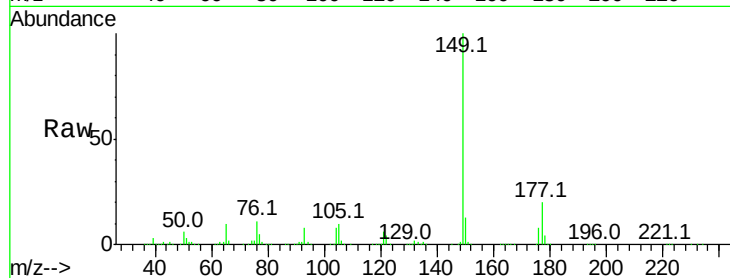
Tot Ion:149 Resp: 1112827

Ion Ratio Lower Upper

149 100

177 20.1 16.7 25.1

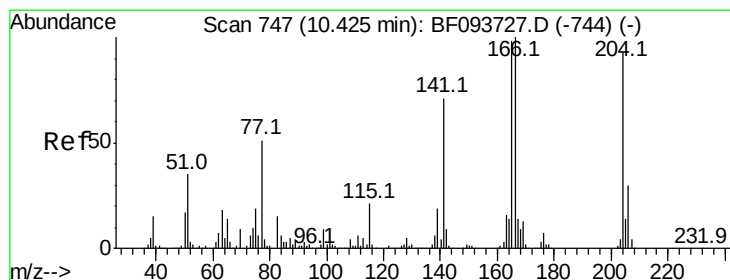
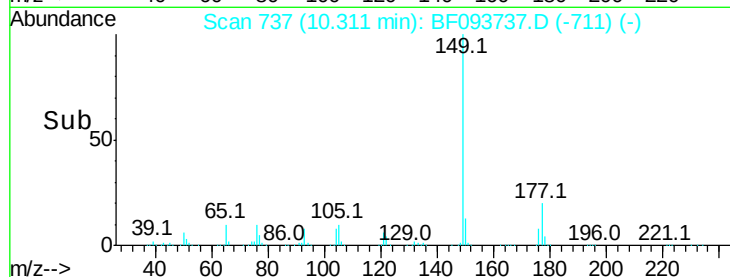
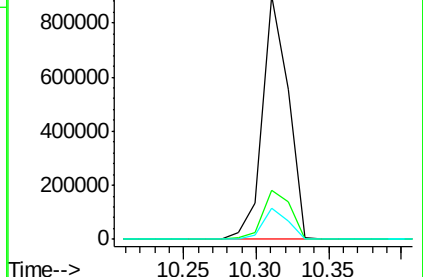
150 12.5 10.2 15.2



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: 45.77 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

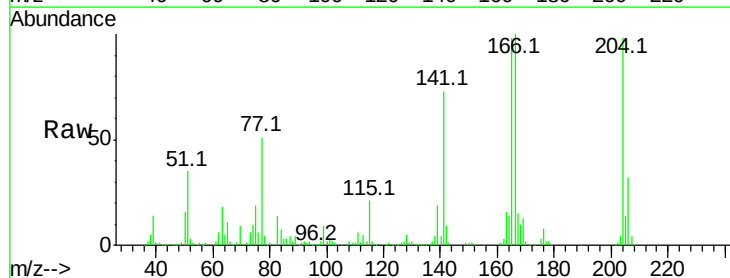
Tgt Ion:204 Resp: 407371

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

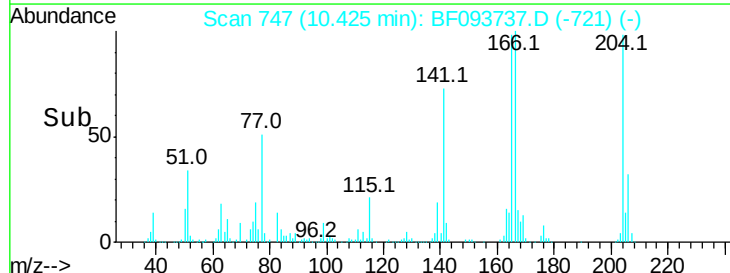
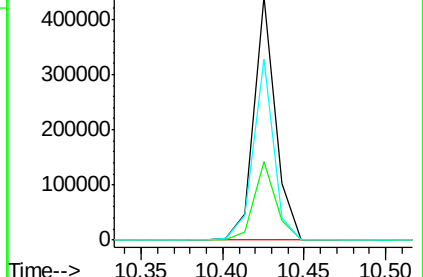
141 74.2 60.8 91.2

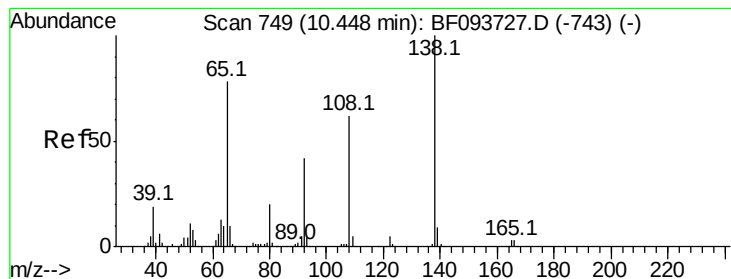


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 53.30 ng

RT: 10.45 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

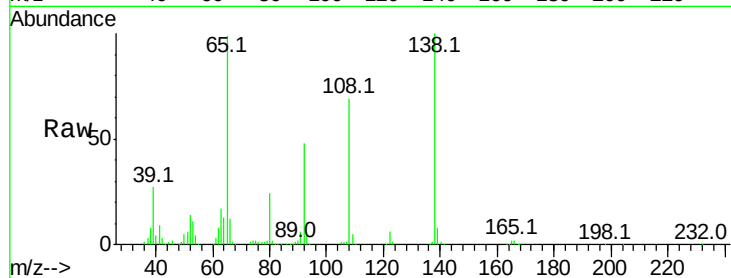
Tot Ion:138 Resp: 294210

Ion Ratio Lower Upper

138 100

92 48.0 21.8 61.8

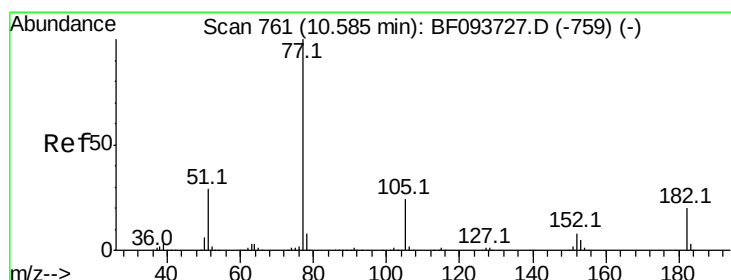
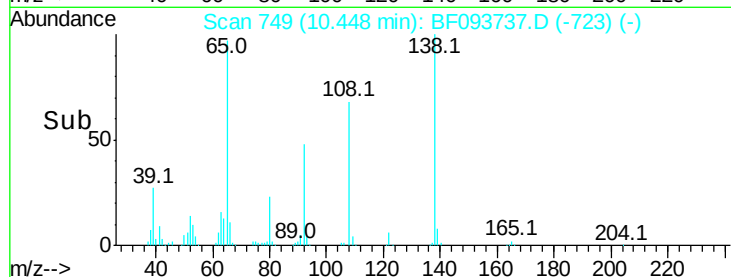
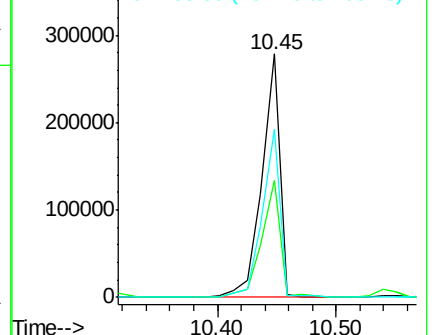
108 68.9 42.3 82.3



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: 54.81 ng

RT: 10.58 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion: 77 Resp: 1219827

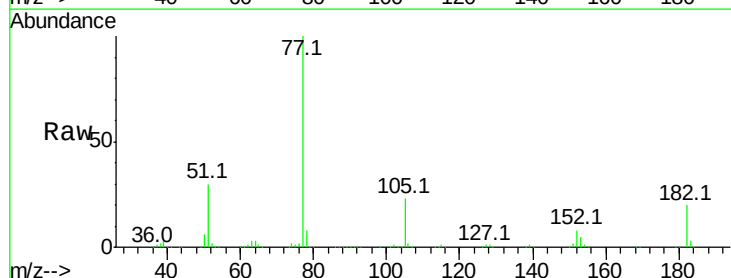
Ion Ratio Lower Upper

77 100

182 20.3 0.1 40.1

105 23.5 3.6 43.6

51 29.7 9.4 49.4

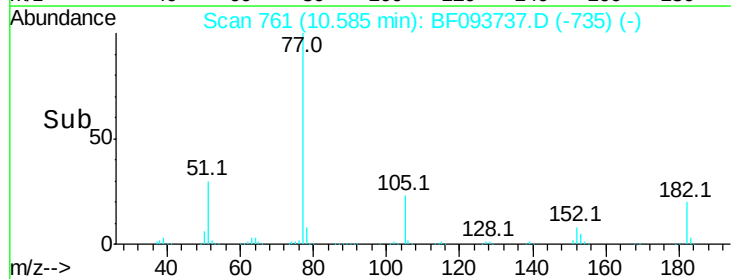
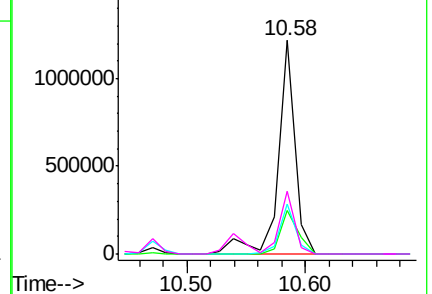


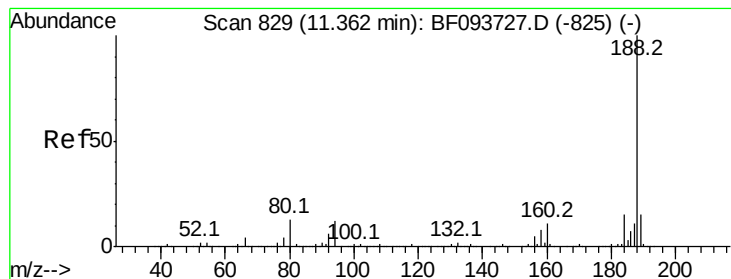
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

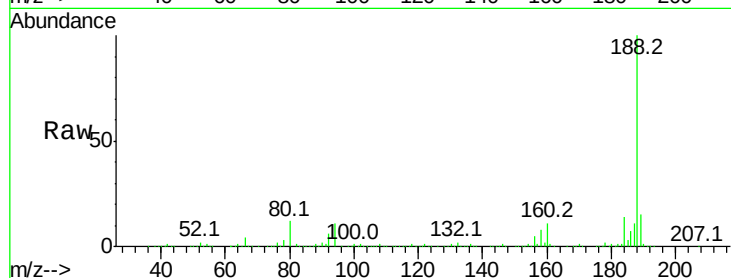
Tot Ion:188 Resp: 614493

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

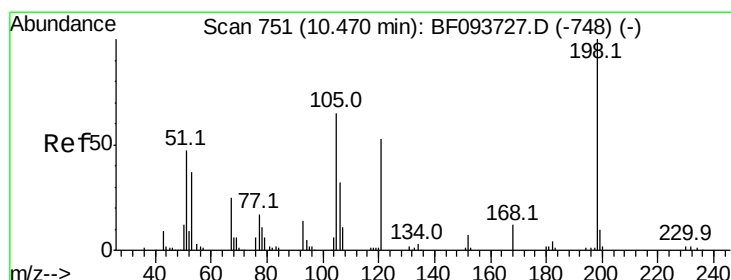
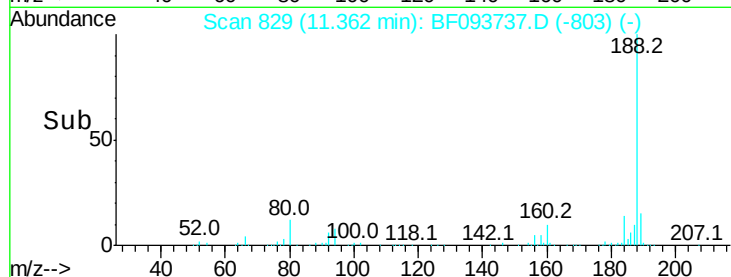
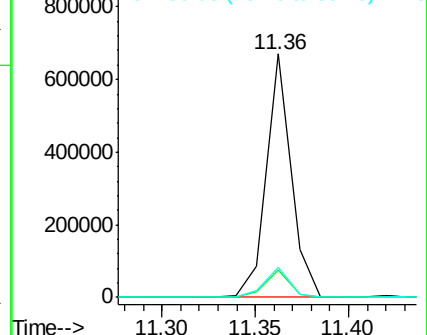
80 12.1 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.73 ng

RT: 10.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

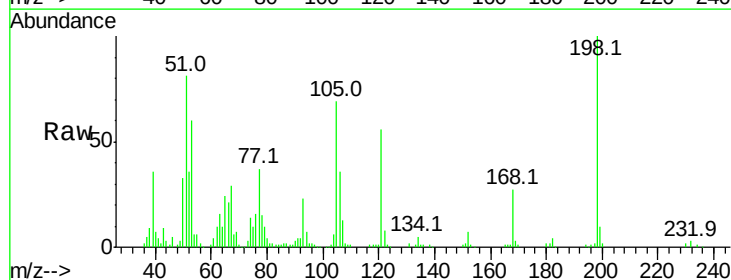
Tgt Ion:198 Resp: 145726

Ion Ratio Lower Upper

198 100

51 81.0 53.2 93.2

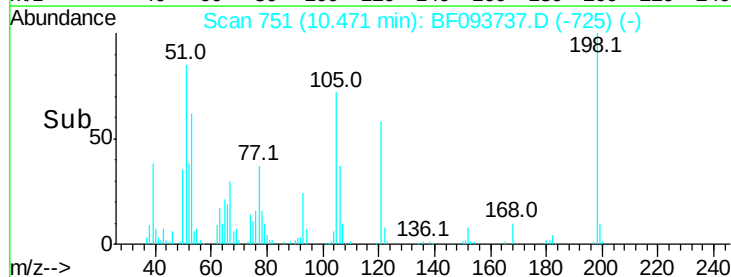
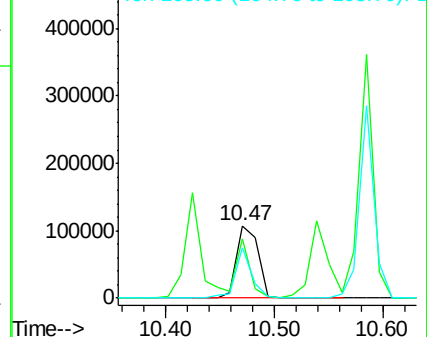
105 69.1 45.8 85.8

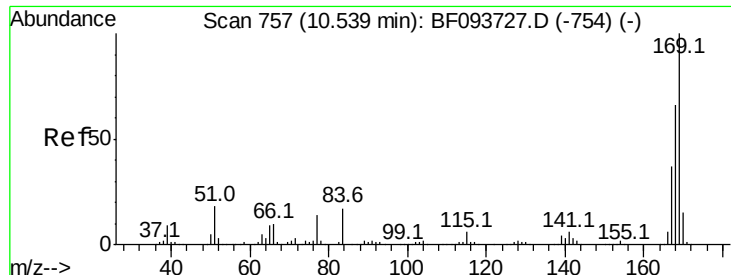


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

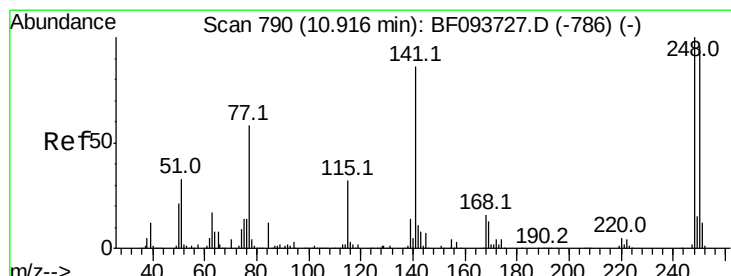
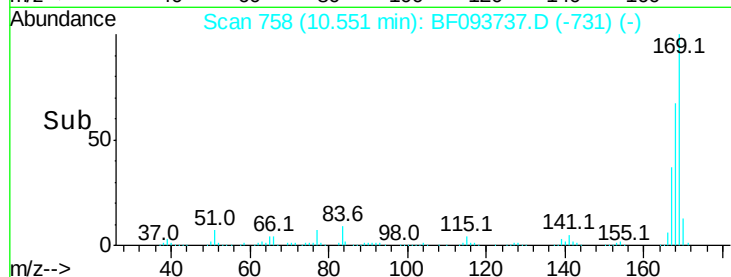
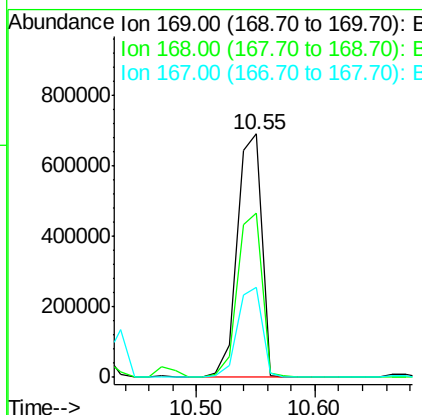
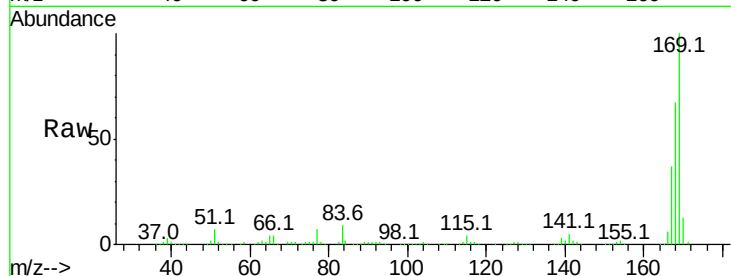




#65
 n-Nitrosodiphenylamine
 Concen: 47.67 ng
 RT: 10.55 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

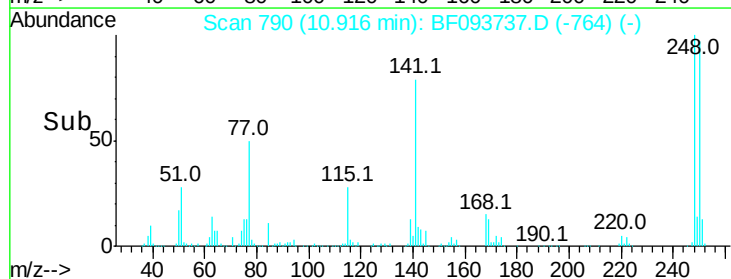
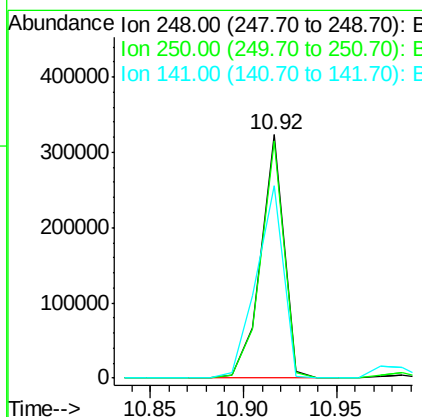
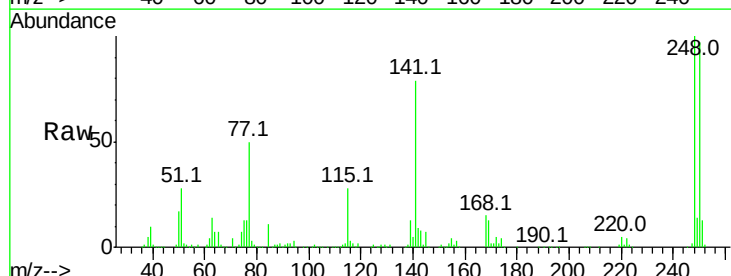
Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

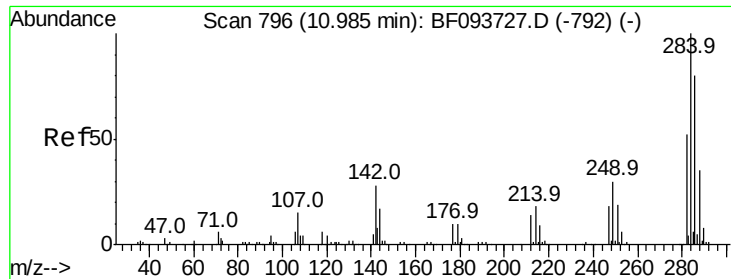
Tot Ion:169 Resp: 988895
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.2 79.8
 167 36.9 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 47.69 ng
 RT: 10.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion:248 Resp: 277035
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.8 115.2
 141 79.2 68.6 103.0

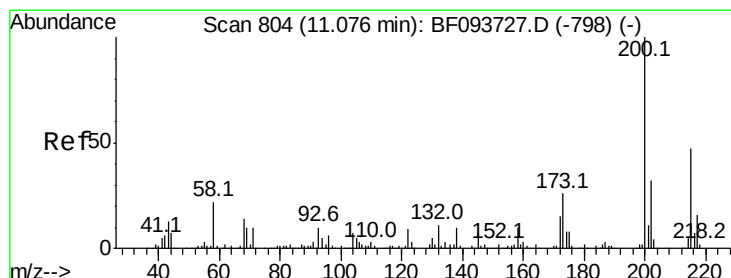
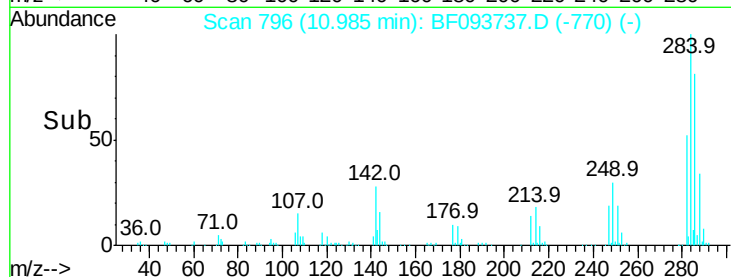
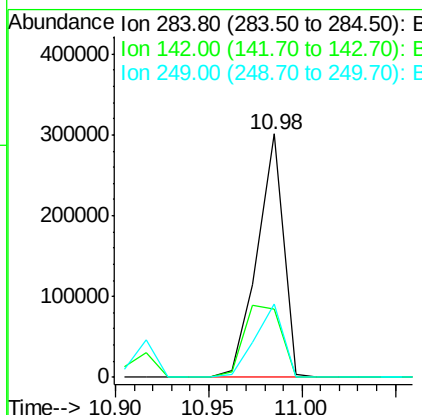
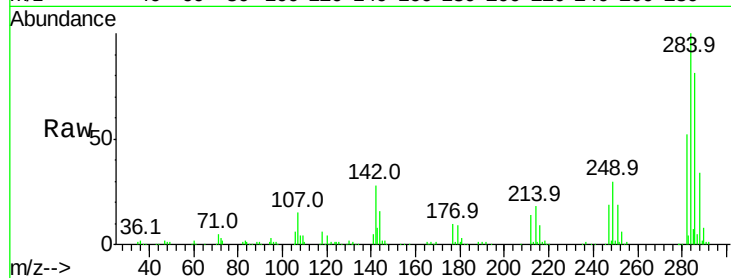




#67
Hexachlorobenzene
Concen: 48.37 ng
RT: 10.98 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

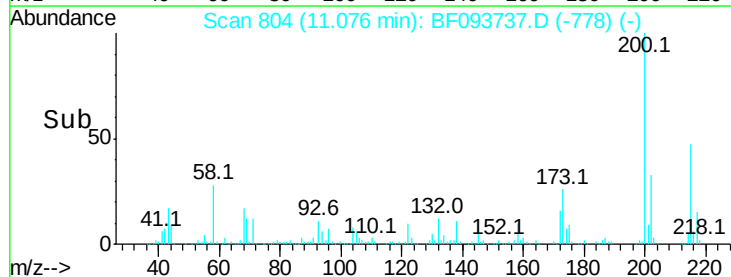
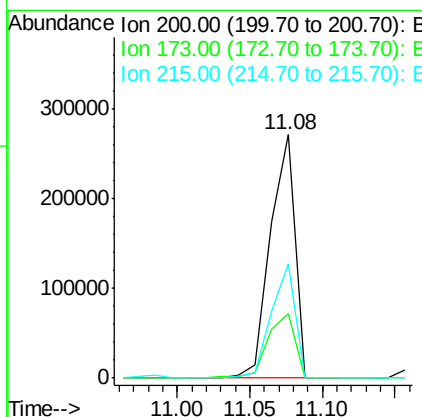
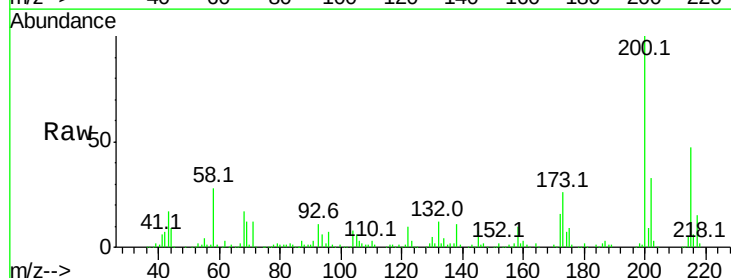
Instrument :
BNA_F
ClientSampleId :
PB97625BS

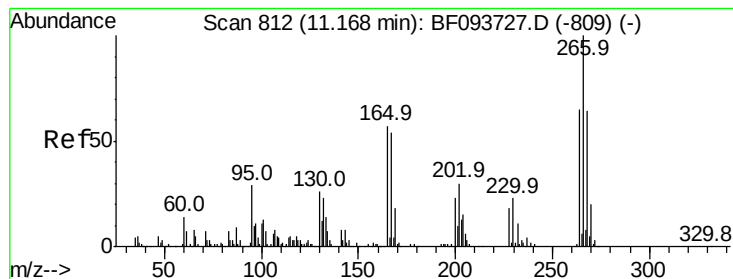
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.0	22.8	34.2
249	30.1	24.0	36.0



#68
Atrazine
Concen: 53.41 ng
RT: 11.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.3	46.3
215	47.2	27.2	67.2





#69

Pentachlorophenol

Concen: 89.18 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

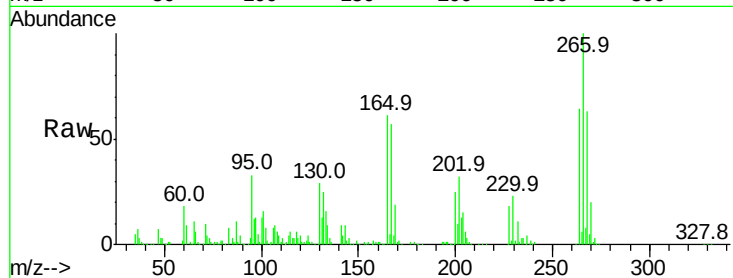
Tot Ion:266 Resp: 310215

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

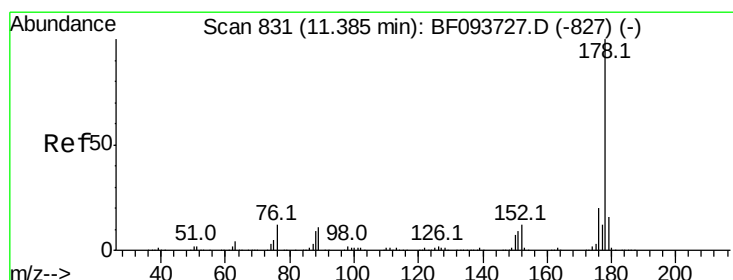
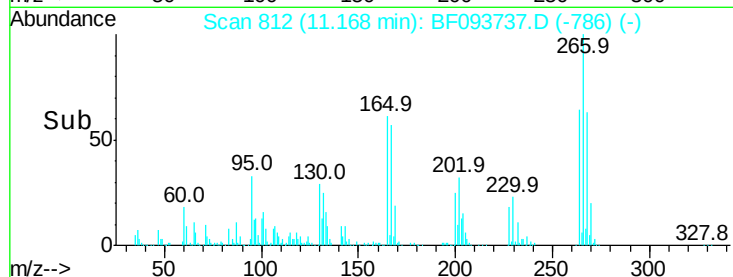
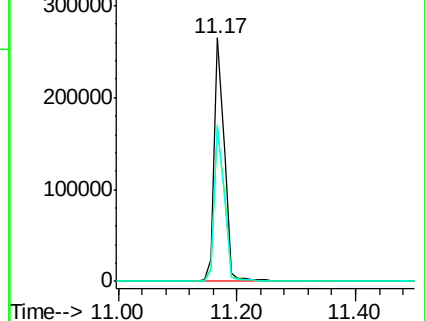
264 64.3 51.7 77.5



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: 41.56 ng

RT: 11.39 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

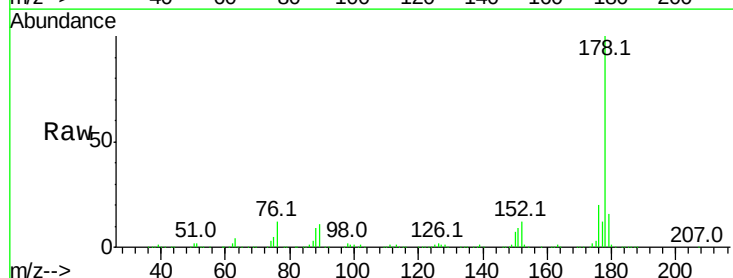
Tgt Ion:178 Resp: 1443945

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

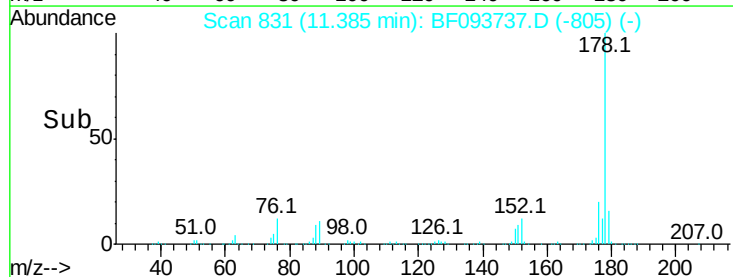
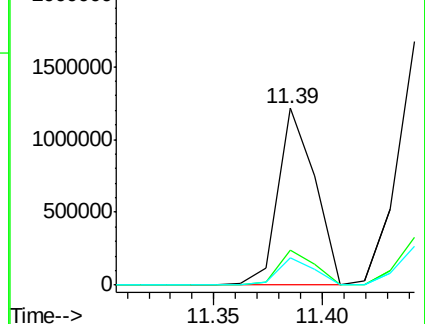
179 15.7 12.6 19.0

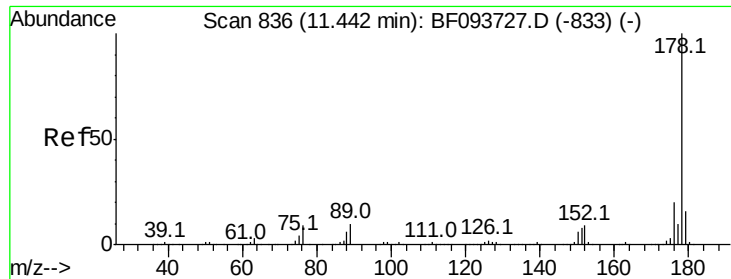


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



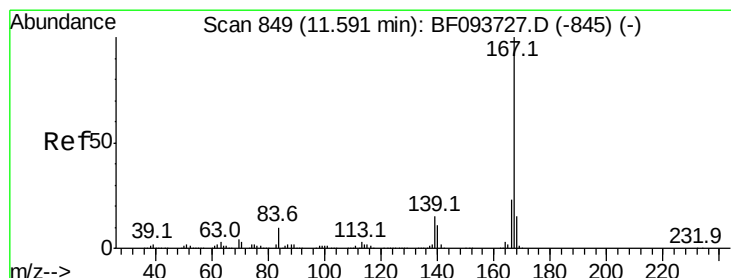
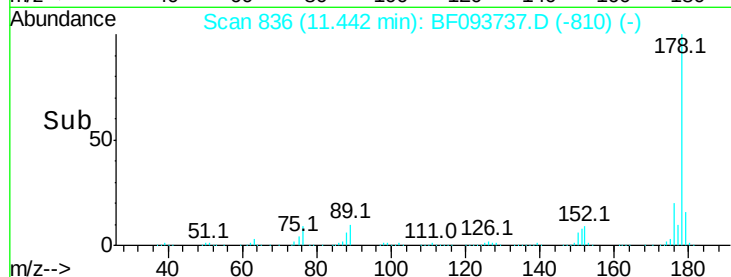
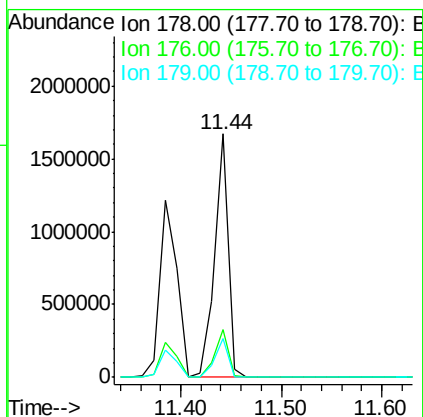
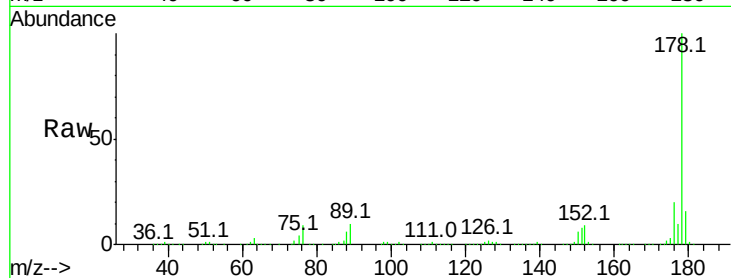


#71
 Anthracene
 Concen: 46.02 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tot Ion:178 Resp: 1564366

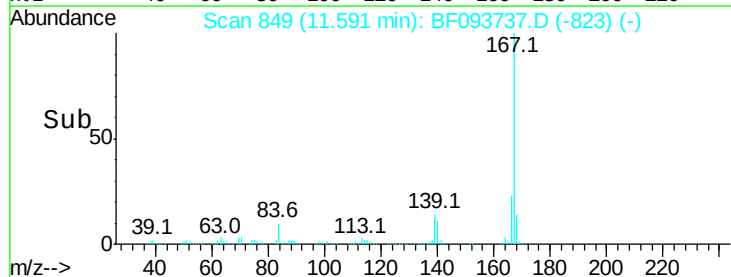
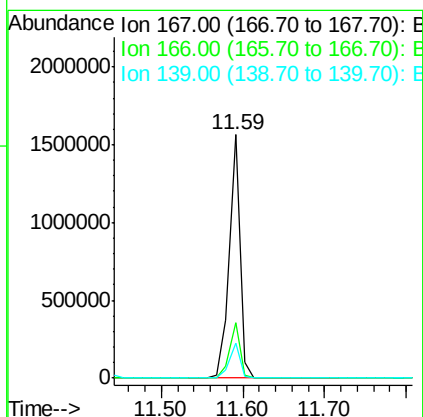
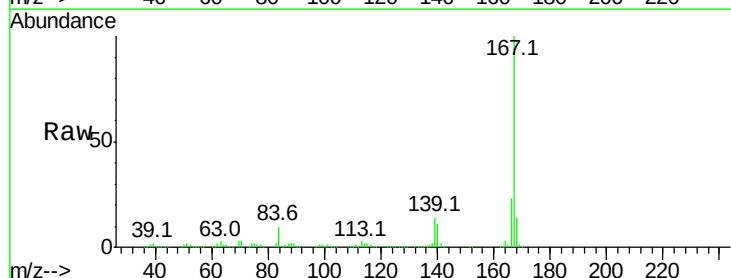
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.8	12.7	19.1

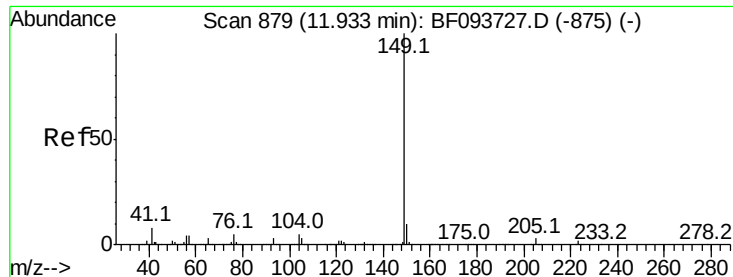


#72
 Carbazole
 Concen: 39.82 ng
 RT: 11.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion:167 Resp: 1417166

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	14.2	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.49 ng

RT: 11.93 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

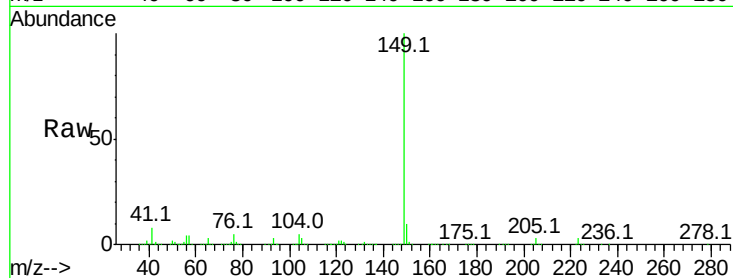
Tot Ion:149 Resp: 1618291

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

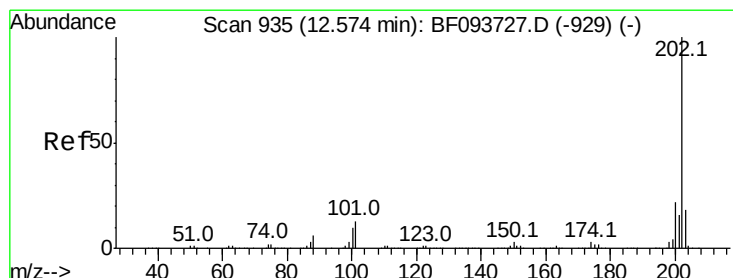
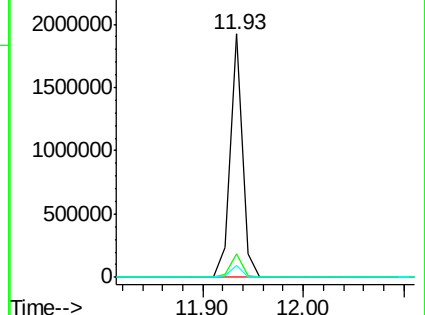
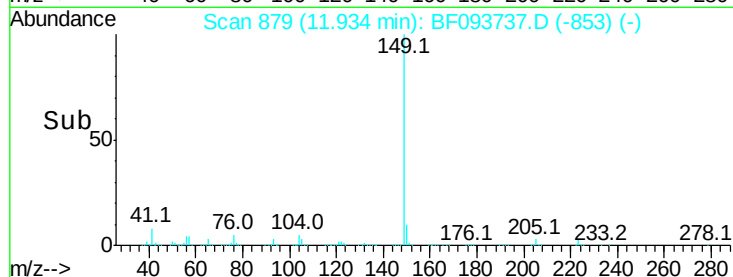
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.35 ng

RT: 12.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

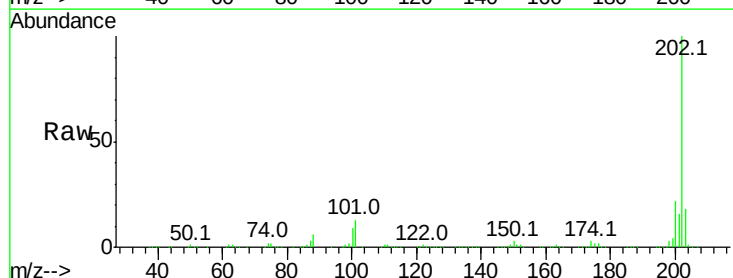
Tgt Ion:202 Resp: 1594116

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

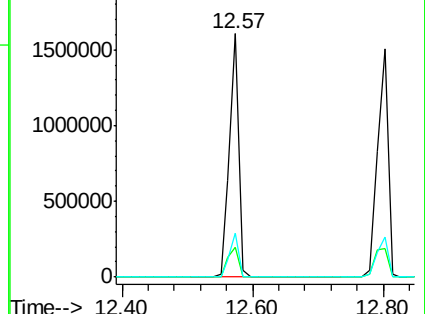
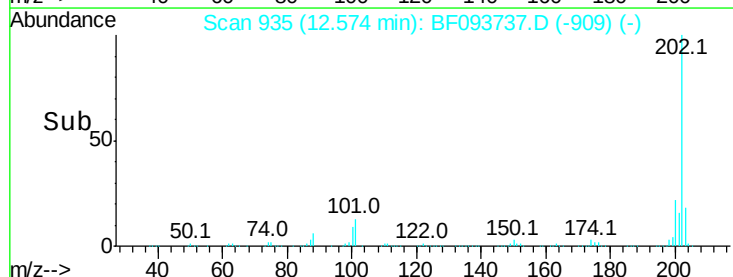
203 18.2 0.0 38.1

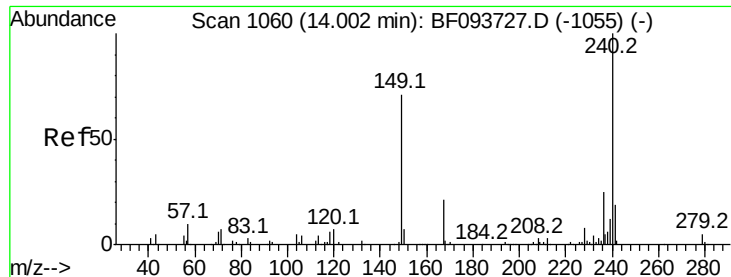


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

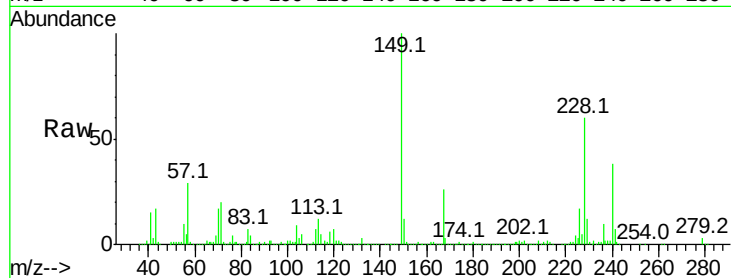
Tot Ion:240 Resp: 392207

Ion Ratio Lower Upper

240 100

120 18.8 5.8 8.8#

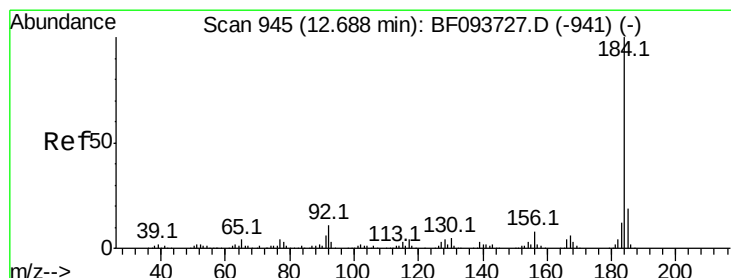
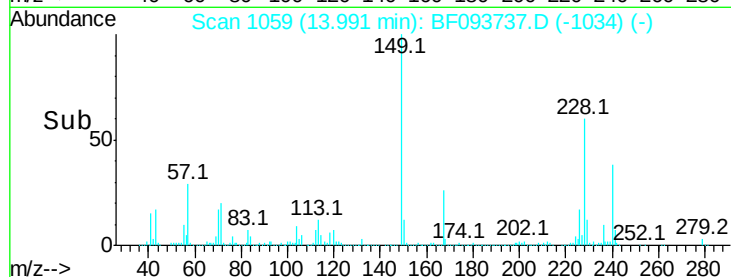
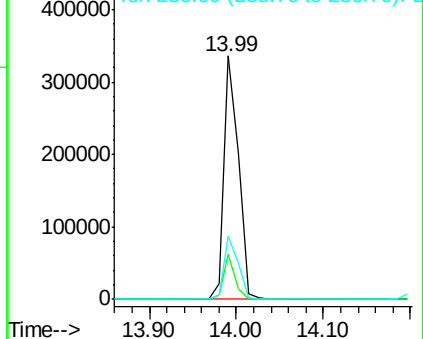
236 26.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.15 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

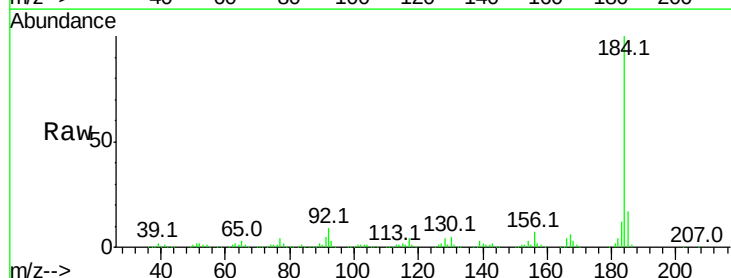
Tgt Ion:184 Resp: 538745

Ion Ratio Lower Upper

184 100

185 16.5 15.5 23.3

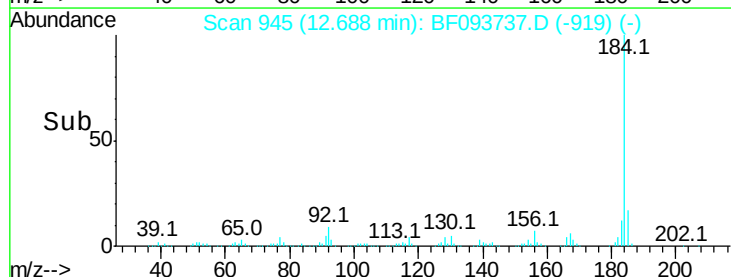
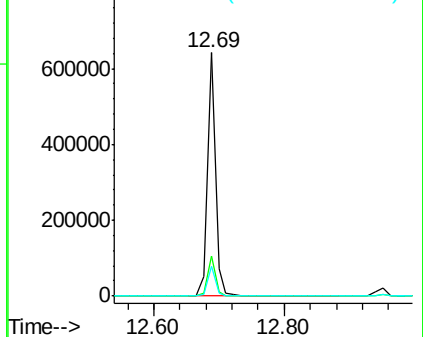
183 12.1 9.8 14.6

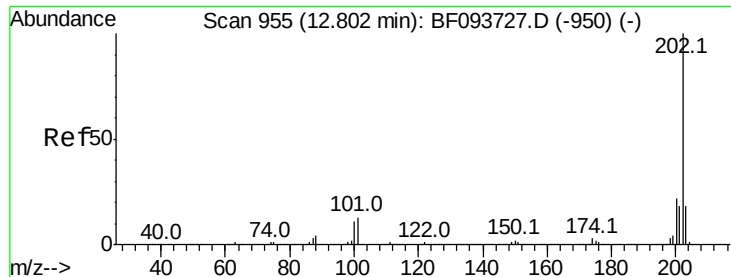


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



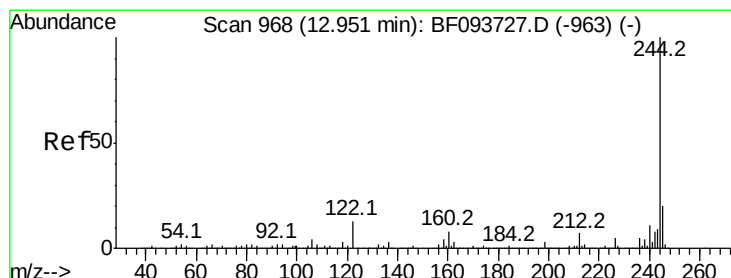
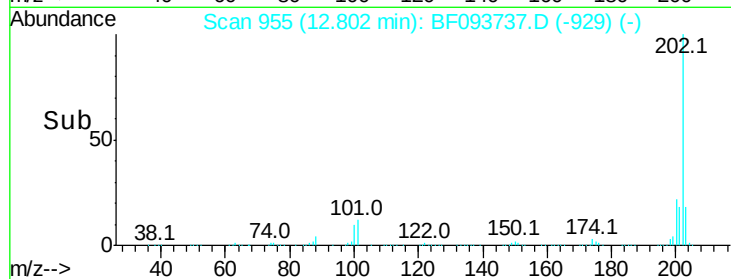
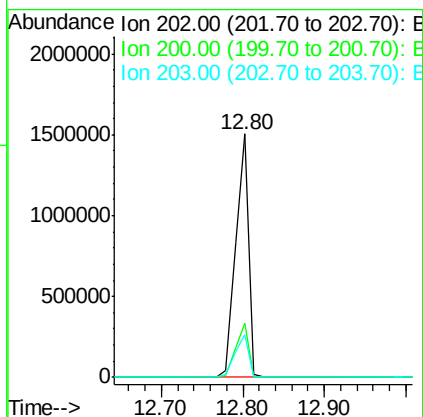
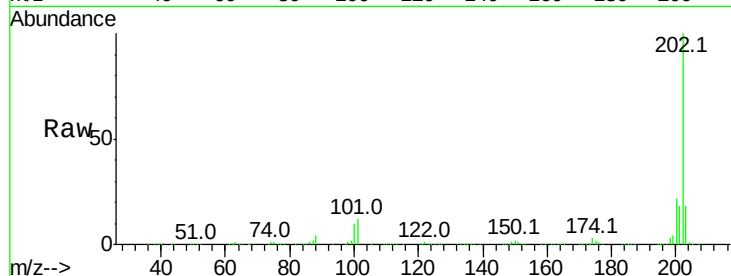


#77
 Pvrene
 Concen: 49.50 ng
 RT: 12.80 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tot Ion:202 Resp: 1651143

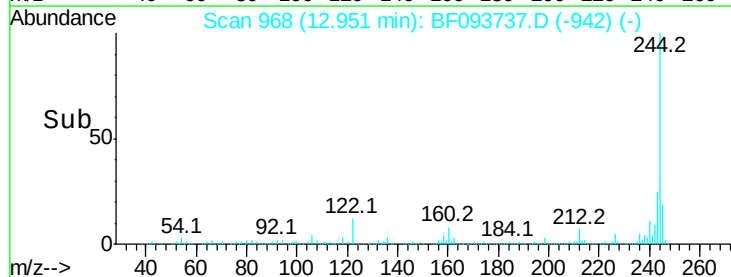
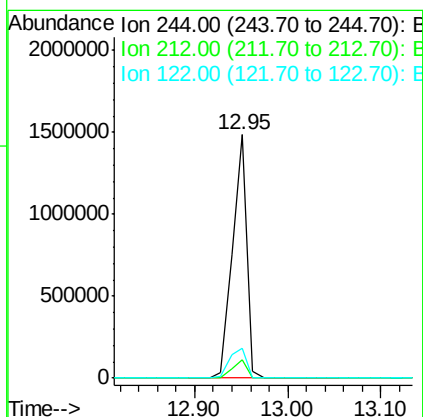
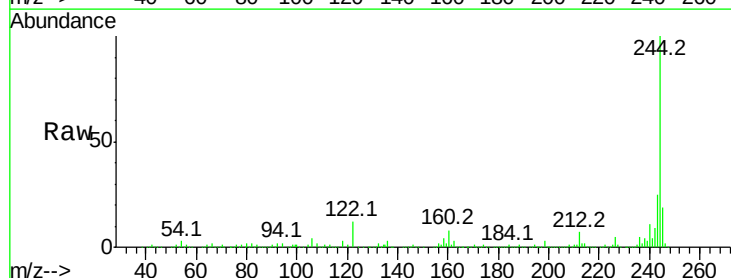
Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	17.6	14.4	21.6

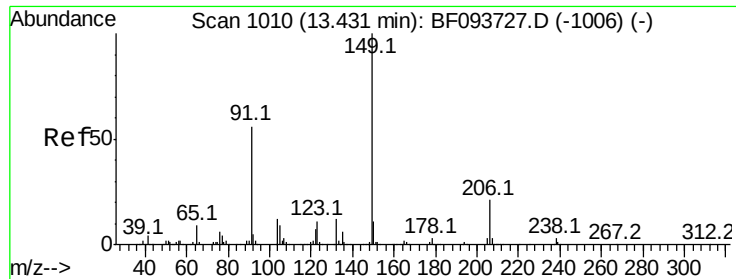


#78
 Terphenyl-d14
 Concen: 87.54 ng
 RT: 12.95 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion:244 Resp: 1595046

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.5	10.3	15.5





#79

Butylbenzylphthalate

Concen: 52.36 ng

RT: 13.43 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

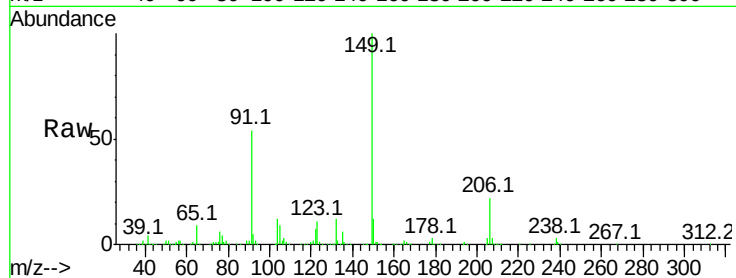
Tot Ion:149 Resp: 741940

Ion Ratio Lower Upper

149 100

91 53.6 45.0 67.4

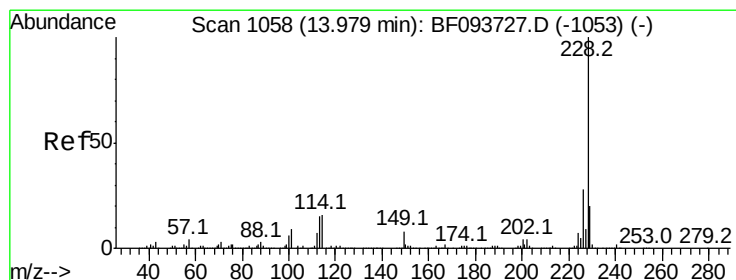
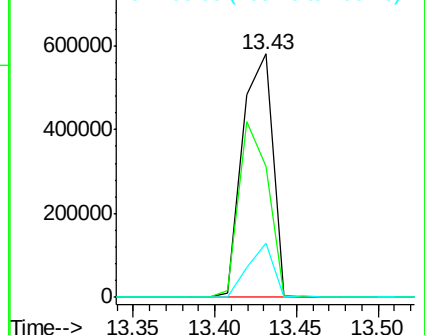
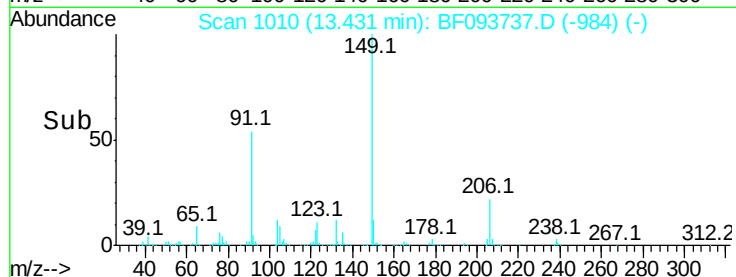
206 22.1 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.97 ng

RT: 13.98 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

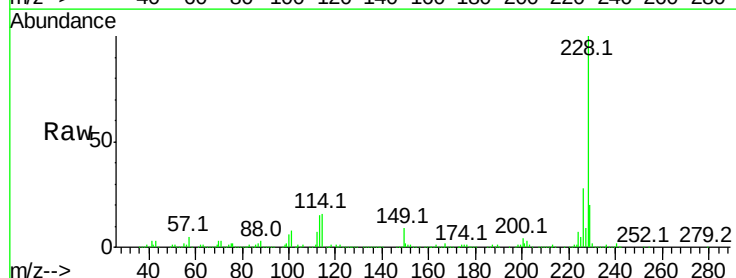
Tgt Ion:228 Resp: 1182370

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

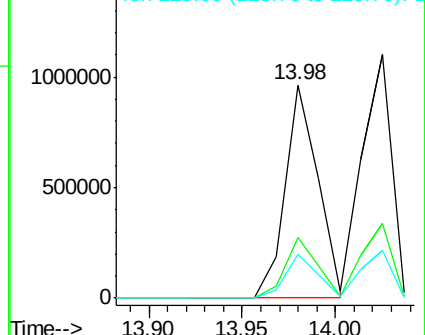
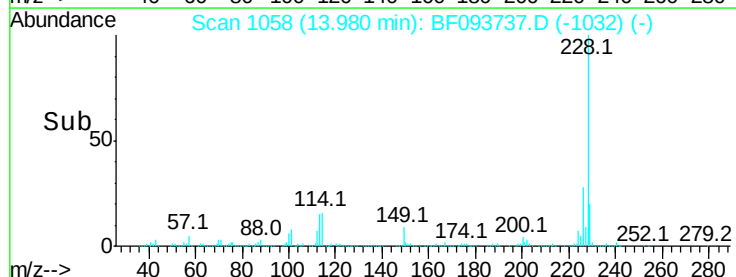
229 20.3 16.3 24.5

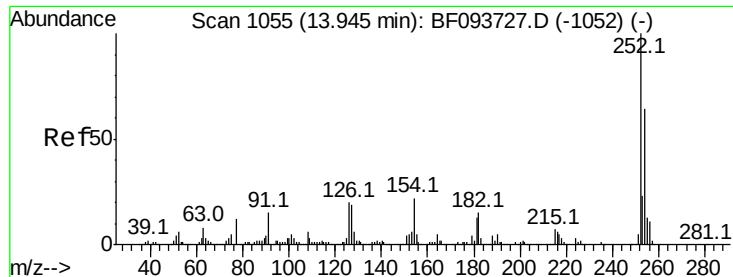


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

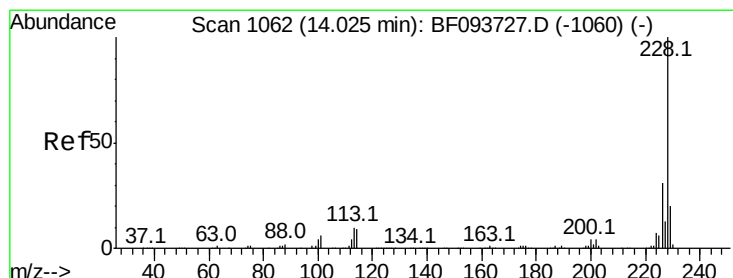
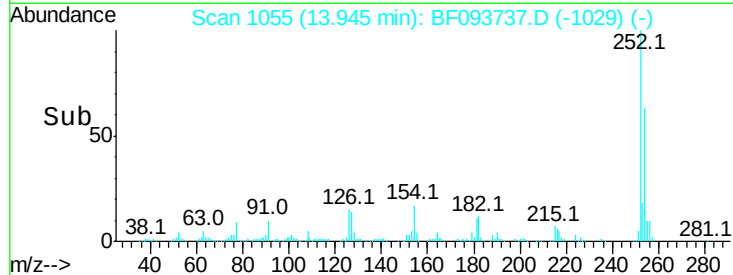
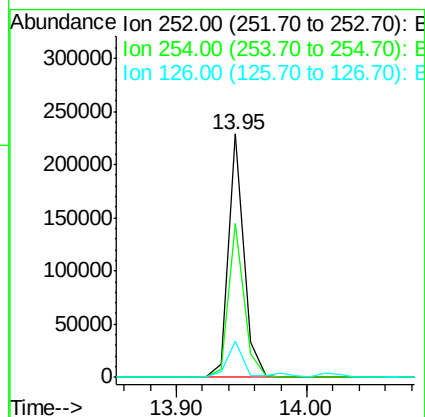
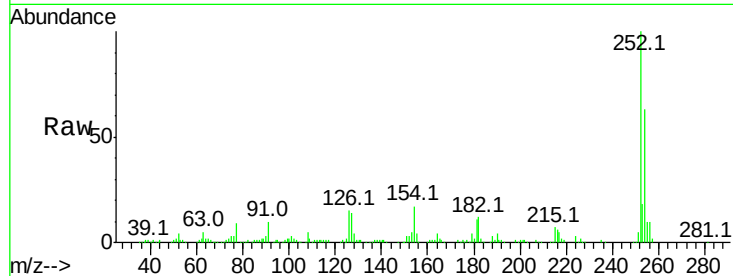




#81
 3,3'-Dichlorobenzidine
 Concen: 21.60 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

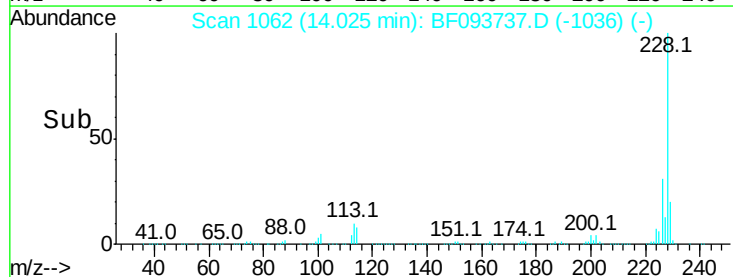
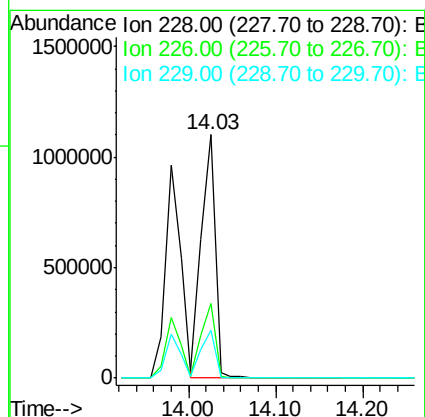
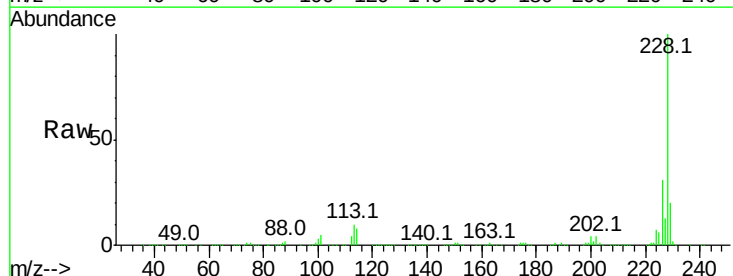
Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

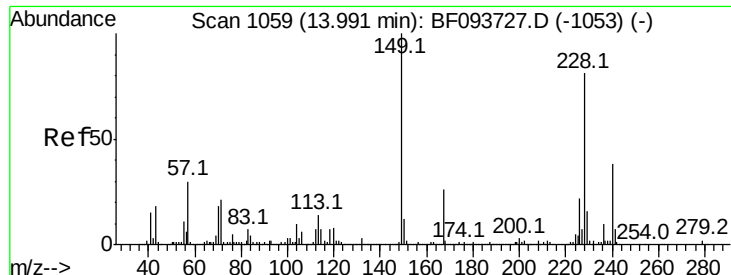
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.5	77.3
126	14.7	15.8	23.8#



#82
 Chrysene
 Concen: 50.12 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.7	15.8	23.6

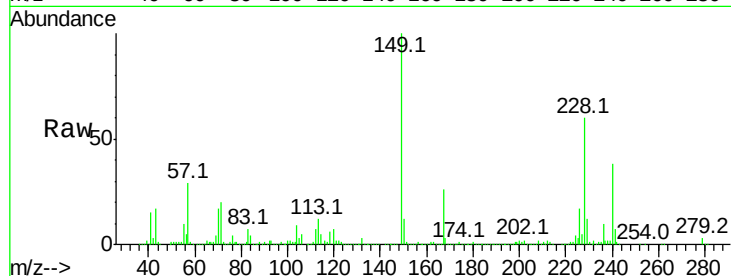




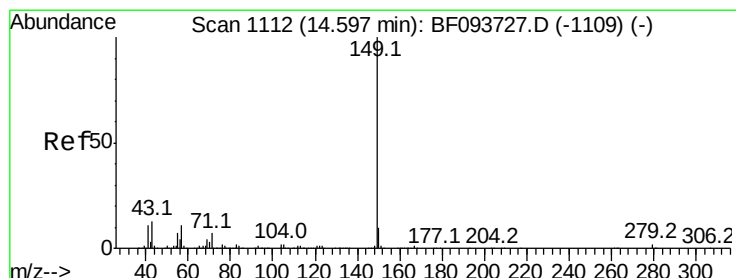
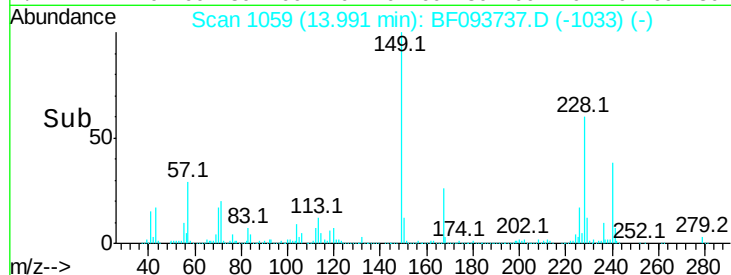
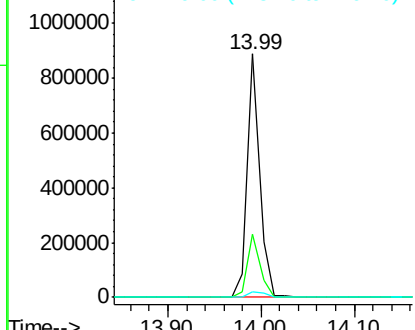
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.55 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tot Ion:149 Resp: 818704
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 2.5 1.9 2.9

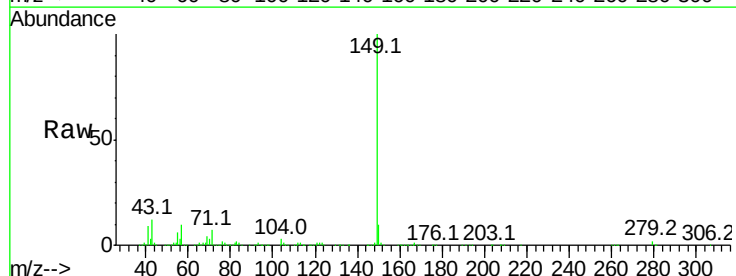


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

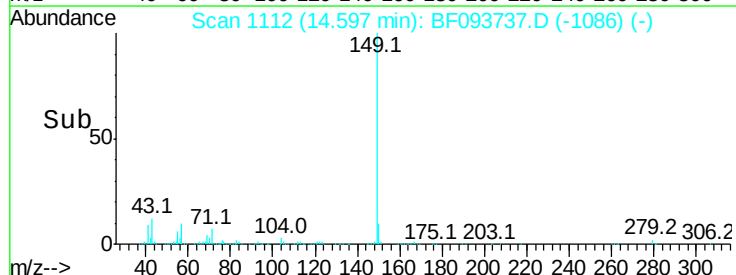
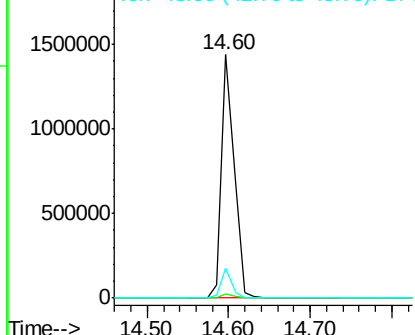


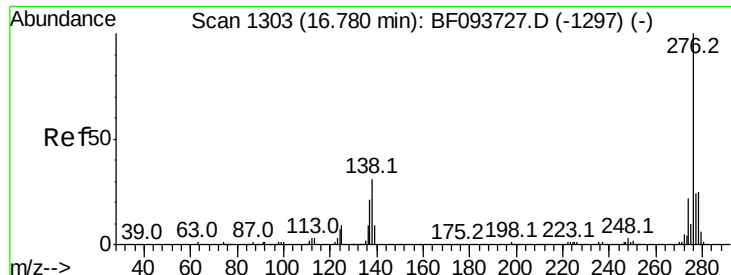
#84
 Di-n-octyl phthalate
 Concen: 53.27 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion:149 Resp: 1530010
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.6 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

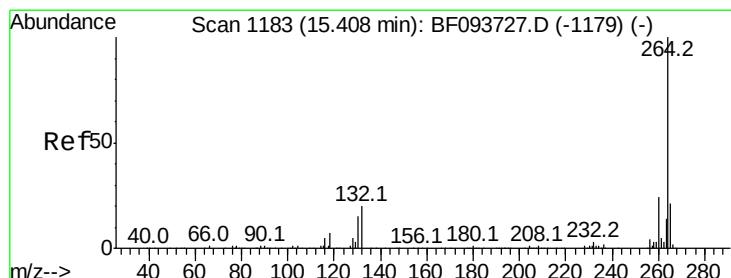
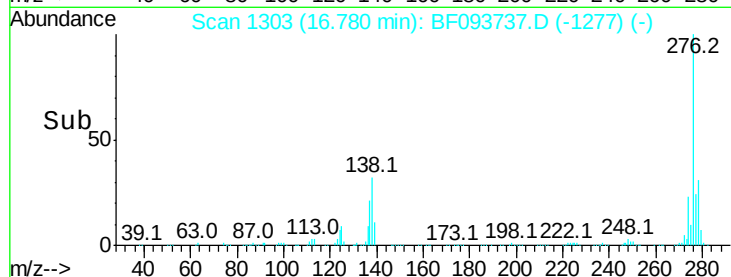
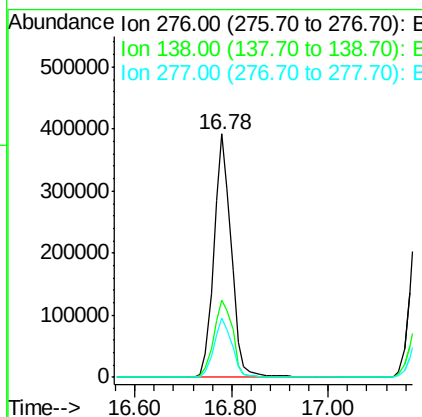
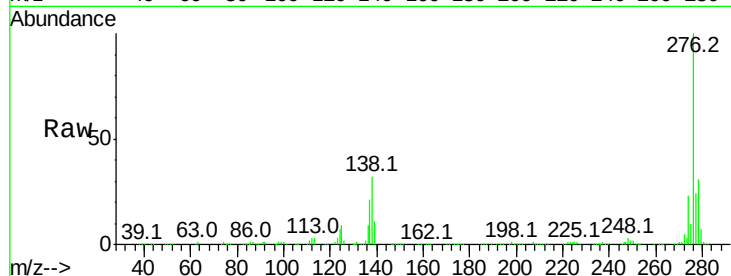




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.05 ng
 RT: 16.78 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

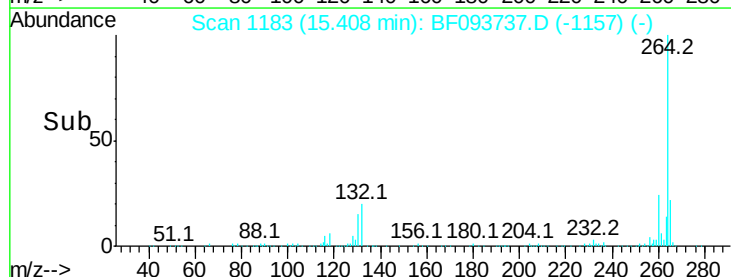
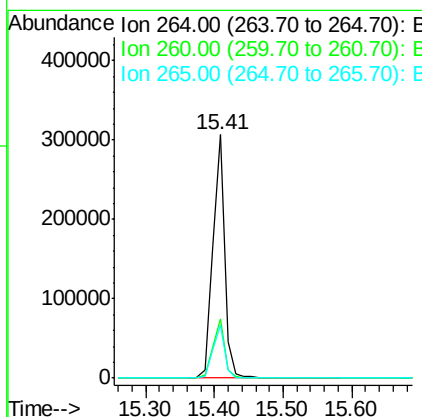
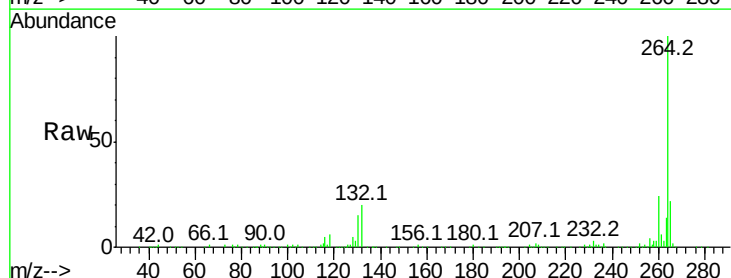
Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

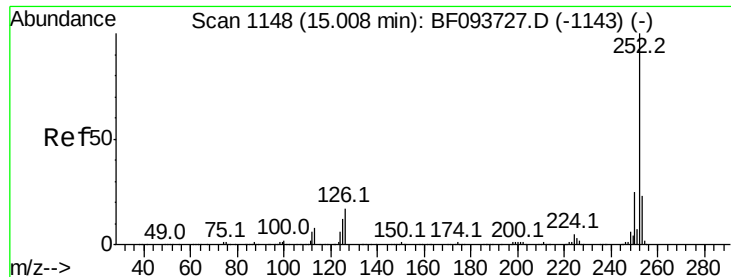
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.2	25.8

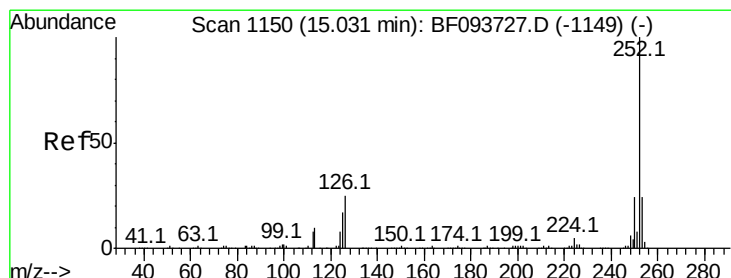
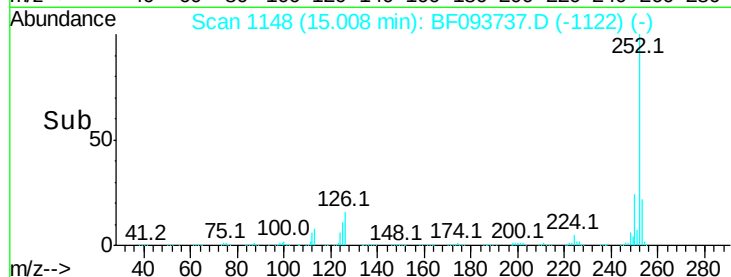
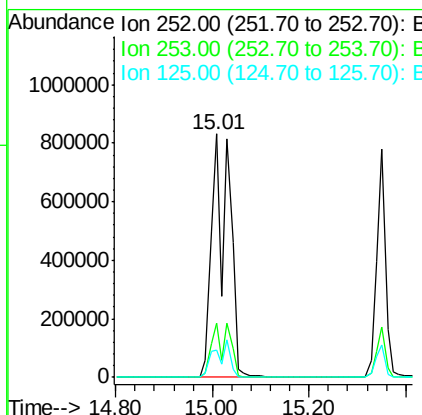
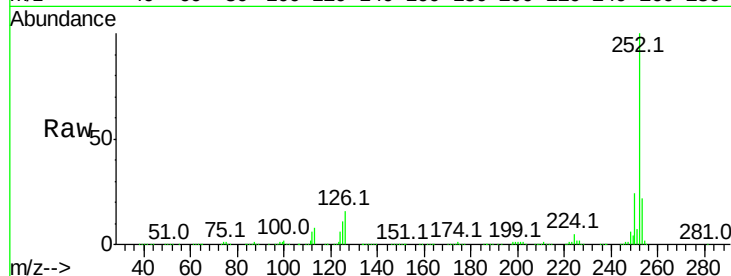




#87
Benzo(b)fluoranthene
Concen: 87.38 ng
RT: 15.01 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

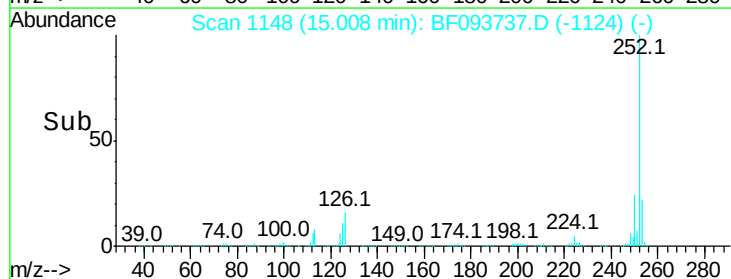
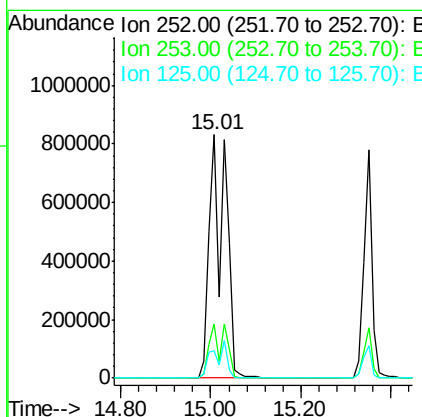
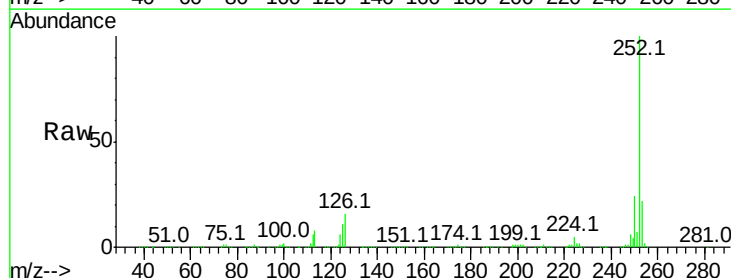
Instrument :
BNA_F
ClientSampleId :
PB97625BS

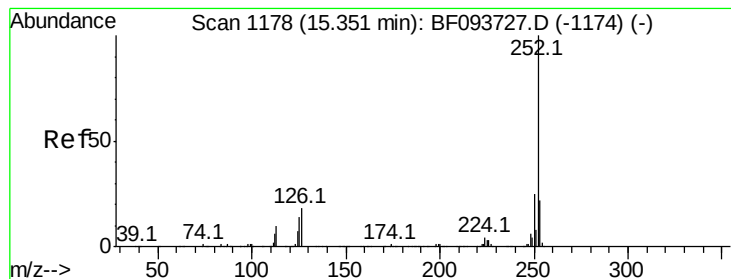
Tot Ion:252 Resp: 2072709
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 98.92 ng
RT: 15.01 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion:252 Resp: 2073572
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 11.5 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 47.24 ng

RT: 15.35 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

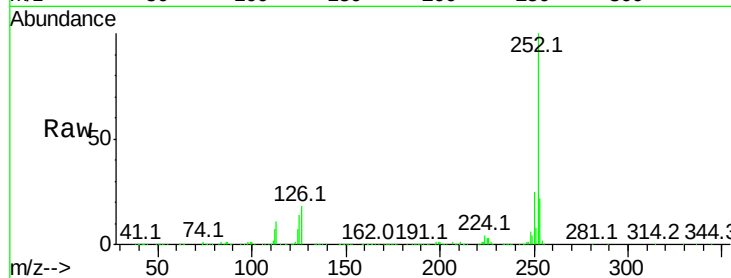
Tot Ion:252 Resp: 990330

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

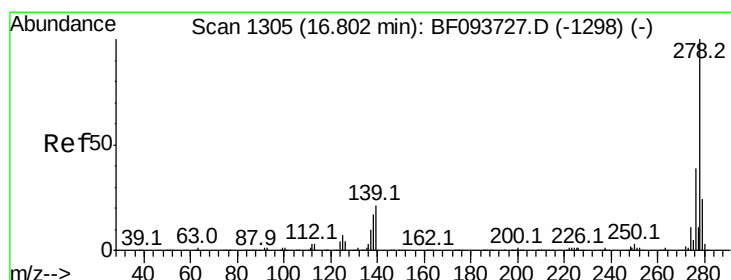
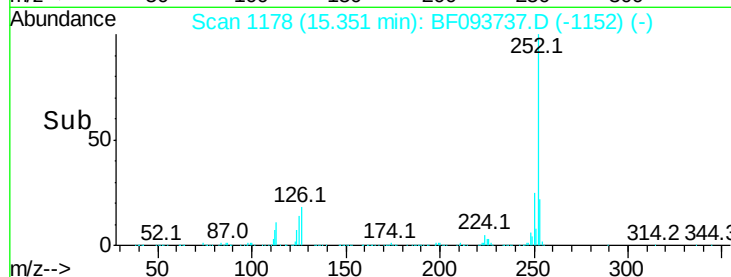
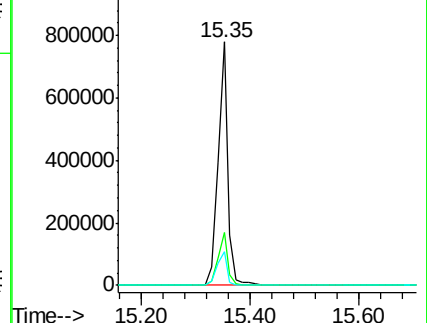
125 14.0 11.0 16.4



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: 47.24 ng

RT: 16.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

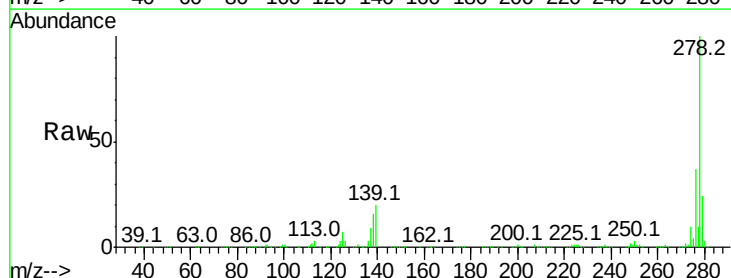
Tgt Ion:278 Resp: 837831

Ion Ratio Lower Upper

278 100

139 20.0 16.6 24.8

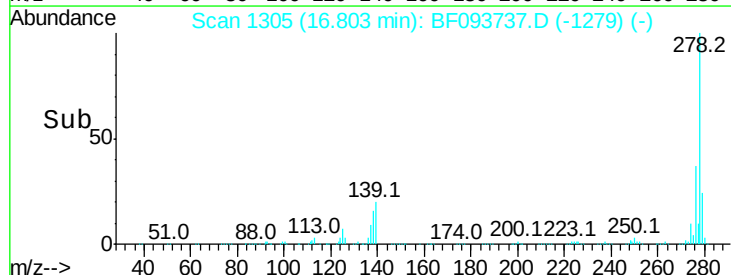
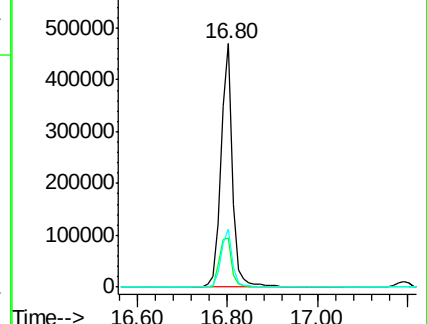
279 23.9 19.3 28.9

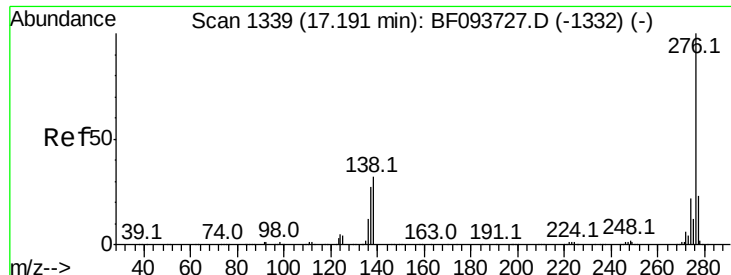


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.97 ng

RT: 17.19 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

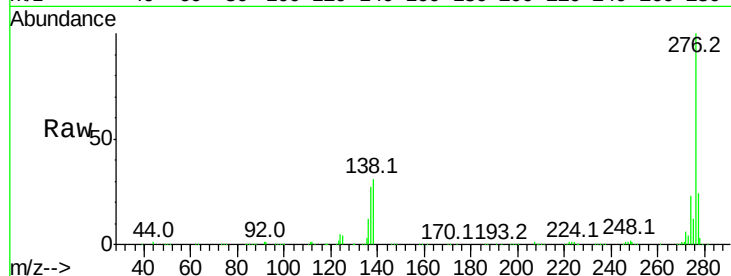
Tot Ion:276 Resp: 829197

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 30.8 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

