

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092473.D
 Acq On : 25 Jan 2017 13:42
 Operator : SJ/MA
 Sample : PB96140BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

Quant Time: Jan 26 14:09:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	181068	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	718663	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	410312	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	653575	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	542626	20.00	ng	-0.01
86) Perylene-d12	15.63	264	434354	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1128552	96.97	ng	0.02
7) Phenol-d6	6.59	99	1568400	105.80	ng	0.00
23) Nitrobenzene-d5	7.54	82	1031562	78.41	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	300222	107.37	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1623339	73.16	ng	-0.01
78) Terphenyl-d14	13.10	244	1387045	68.07	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.73	88	209157	33.79	ng	# 81
3) Pyridine	3.47	79	569017	32.29	ng	85
4) n-Nitrosodimethylamine	3.42	42	313070	36.22	ng	84
6) Aniline	6.62	93	360227	16.29	ng	# 46
8) 2-Chlorophenol	6.75	128	479652	39.24	ng	93
9) Benzaldehyde	6.51	77	327647	31.15	ng	90
10) Phenol	6.60	94	561147	31.36	ng	83
11) bis(2-Chloroethyl)ether	6.70	93	534754	39.94	ng	93
12) 1,3-Dichlorobenzene	6.91	146	562388m	38.90	ng	
13) 1,4-Dichlorobenzene	6.99	146	574016	39.45	ng	93
14) 1,2-Dichlorobenzene	7.14	146	505207	36.60	ng	99
15) Benzyl Alcohol	7.10	79	485149	43.43	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	972616	36.73	ng	93
17) 2-Methylphenol	7.22	107	435650	41.71	ng	96
18) Hexachloroethane	7.48	117	194941	38.89	ng	# 87
19) n-Nitroso-di-n-propylamine	7.39	70	392085	38.84	ng	95
20) 3+4-Methylphenols	7.38	107	536854	42.37	ng	93
22) Acetophenone	7.38	105	702588	41.05	ng	# 86
24) Nitrobenzene	7.55	77	541603	39.30	ng	100
25) Isophorone	7.80	82	1077945	41.58	ng	99
26) 2-Nitrophenol	7.87	139	261812	45.33	ng	93
27) 2,4-Dimethylphenol	7.92	122	510552	42.51	ng	93
28) bis(2-Chloroethoxy)methane	8.01	93	629759	37.01	ng	99
29) 2,4-Dichlorophenol	8.11	162	443070	42.55	ng	87
30) 1,2,4-Trichlorobenzene	8.20	180	450630	40.04	ng	95
31) Naphthalene	8.28	128	1381031	37.55	ng	99
32) Benzoic acid	8.04	122	344364	39.30	ng	96
33) 4-Chloroaniline	8.33	127	135479	8.71	ng	98
34) Hexachlorobutadiene	8.41	225	248541	40.37	ng	98
35) Caprolactam	8.72	113	169802m	48.83	ng	
36) 4-Chloro-3-methylphenol	8.82	107	505188	44.99	ng	90
37) 2-Methylnaphthalene	8.98	142	961231	41.28	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	460812	44.52	ng	99
40) Hexachlorocyclopentadiene	9.14	237	434184	83.77	ng	95

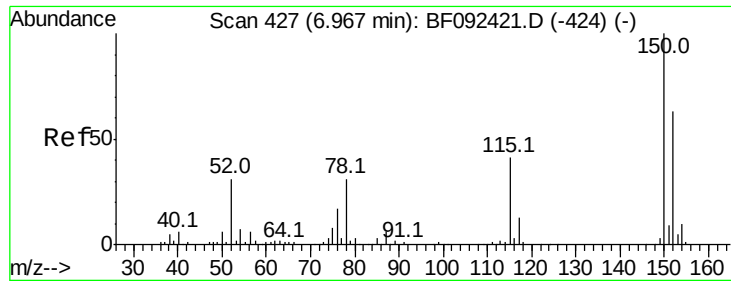
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	351368	44.31	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	318217	43.86	nq #	87
45) 1,1'-Biphenyl	9.45	154	1146256	38.65	nq	97
46) 2-Chloronaphthalene	9.47	162	881291	36.38	nq	94
47) 2-Nitroaniline	9.56	65	303008	37.14	nq	93
48) Acenaphthylene	9.89	152	1506286	42.39	nq	98
49) Dimethylphthalate	9.76	163	1142126	43.77	nq	100
50) 2,6-Dinitrotoluene	9.81	165	257580	48.30	nq #	91
51) Acenaphthene	10.06	154	998149	45.21	nq	97
52) 3-Nitroaniline	9.97	138	99032	14.83	nq	95
53) 2,4-Dinitrophenol	10.09	184	268622	77.37	nq #	79
54) Dibenzofuran	10.24	168	1216046	40.56	nq	97
55) 4-Nitrophenol	10.14	139	470974	88.79	nq #	74
56) 2,4-Dinitrotoluene	10.21	165	305058	43.09	nq #	89
57) Fluorene	10.58	166	867022	39.00	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	239971	44.14	nq	100
59) Diethylphthalate	10.45	149	1010570	40.39	nq	100
60) 4-Chlorophenyl-phenylether	10.57	204	426176	39.53	nq	98
61) 4-Nitroaniline	10.60	138	266600	39.91	nq	95
62) Azobenzene	10.73	77	1222306	42.93	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	168978	47.98	nq #	59
65) n-Nitrosodiphenylamine	10.69	169	853826	41.83	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	257813	39.07	nq	91
67) Hexachlorobenzene	11.13	284	268513	40.25	nq #	92
68) Atrazine	11.22	200	249341	35.69	nq	98
69) Pentachlorophenol	11.32	266	325801	76.39	nq	98
70) Phenanthrene	11.54	178	1371563	38.11	nq	99
71) Anthracene	11.60	178	1488182	42.31	nq	99
72) Carbazole	11.74	167	1229601	36.61	nq	99
73) Di-n-butylphthalate	12.09	149	1678071	43.70	nq #	95
74) Fluoranthene	12.73	202	1343360	38.16	nq	98
76) Benzidine	12.85	184	431148	21.40	nq	98
77) Pyrene	12.96	202	1422799	36.19	nq	99
79) Butylbenzylphthalate	13.59	149	723654	45.43	nq #	74
80) Benzo(a)anthracene	14.15	228	1123968	38.54	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	164643	14.87	nq #	96
82) Chrysene	14.18	228	1129074	36.25	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	847684	42.26	nq #	95
84) Di-n-octyl phthalate	14.75	149	1608111	44.16	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	988228	42.89	nq #	94
87) Benzo(b)fluoranthene	15.21	252	1295805	46.47	nq #	95
88) Benzo(k)fluoranthene	15.23	252	926638m	39.96	nq	
89) Benzo(a)pyrene	15.57	252	1033662	43.82	nq	99
90) Dibenzo(a,h)anthracene	17.14	278	832850	43.66	nq	98
91) Benzo(g,h,i)perylene	17.56	276	816647	42.33	nq #	90

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

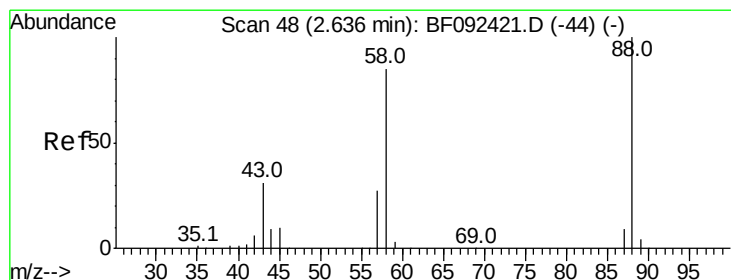
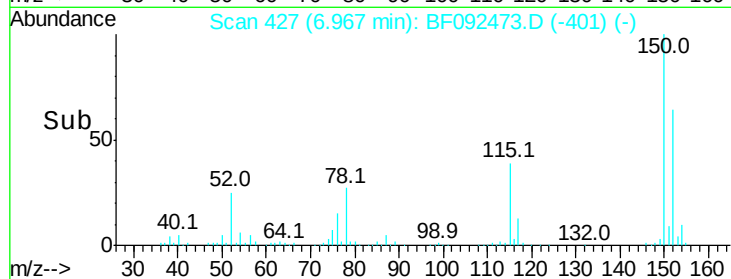
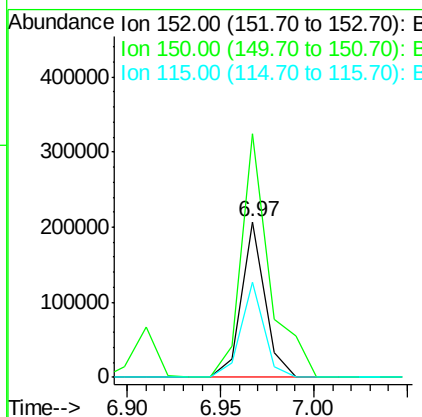
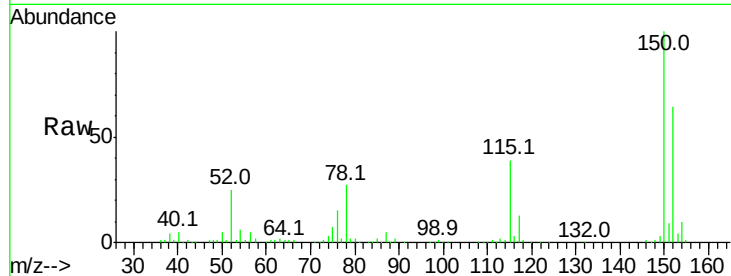


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Instrument :
BNA_F
ClientSampleId :
PB96140BS

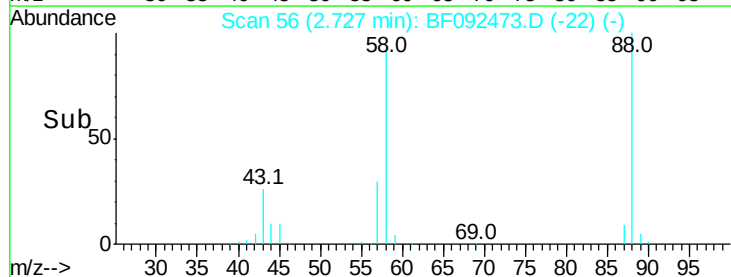
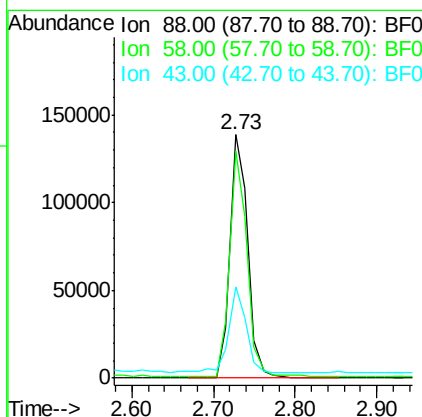
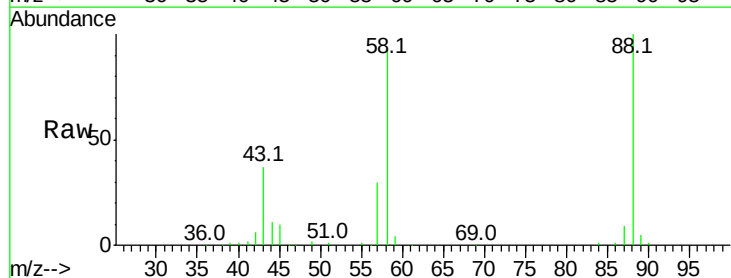
Tot Ion:152 Resp: 181068
Ion Ratio Lower Upper
152 100
150 156.5 124.9 187.3
115 61.2 46.0 69.0

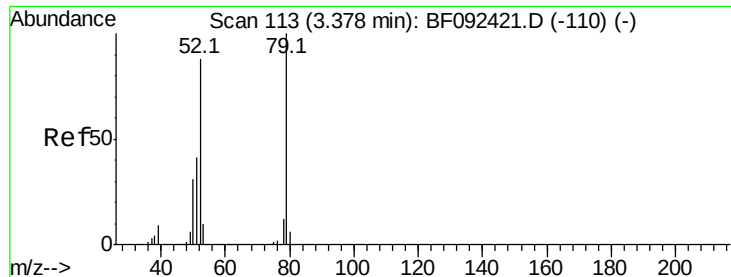


#2

1,4-Dioxane
Concen: 33.79 ng
RT: 2.73 min Scan# 56
Delta R.T. 0.09 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion: 88 Resp: 209157
Ion Ratio Lower Upper
88 100
58 89.9 57.8 86.8#
43 35.3 22.3 33.5#

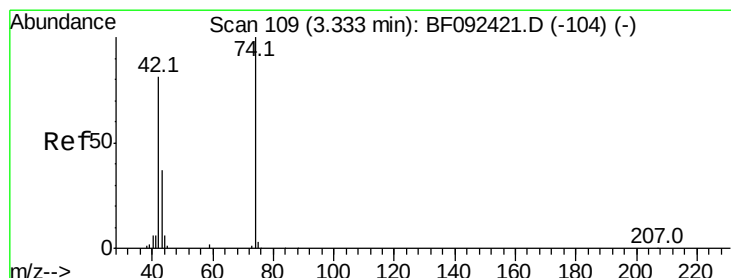
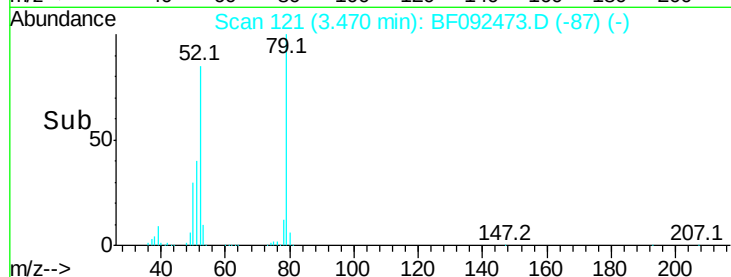
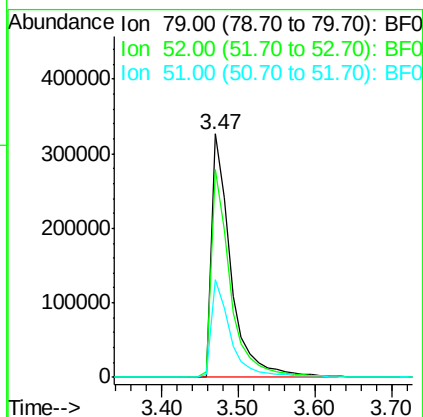
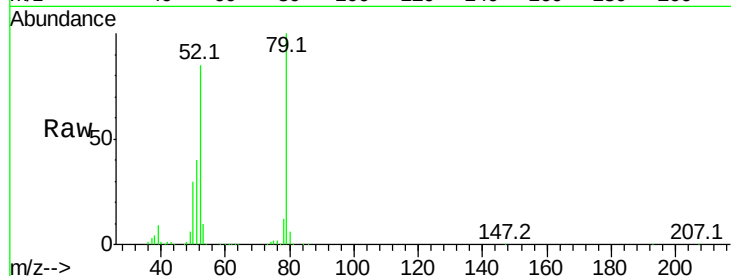




#3
 Pvridine
 Concen: 32.29 ng
 RT: 3.47 min Scan# 121
 Delta R.T. 0.09 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

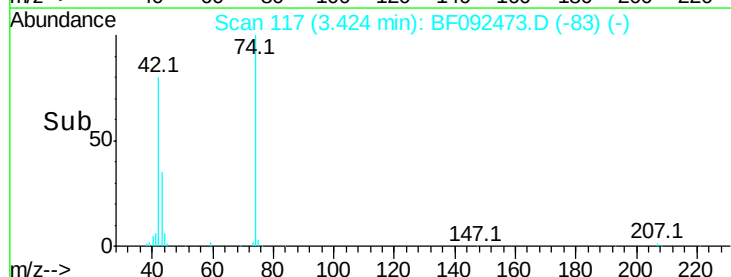
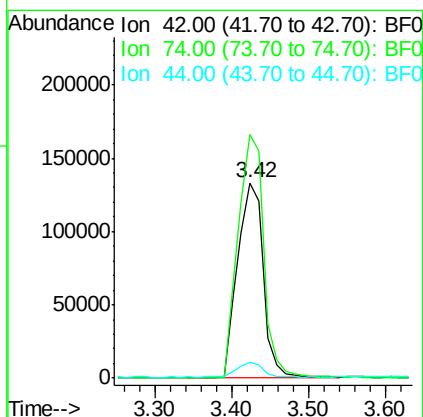
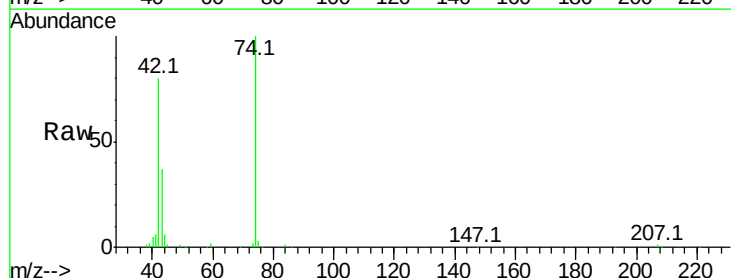
Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

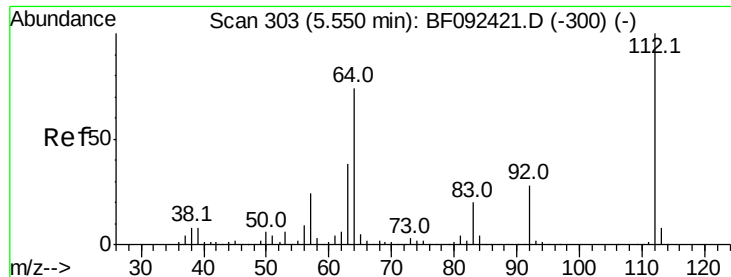
Tot Ion: 79 Resp: 569017
 Ion Ratio Lower Upper
 79 100
 52 85.4 57.1 85.7
 51 40.4 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 36.22 ng
 RT: 3.42 min Scan# 117
 Delta R.T. 0.09 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Tgt Ion: 42 Resp: 313070
 Ion Ratio Lower Upper
 42 100
 74 124.9 117.0 175.4
 44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 96.97 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

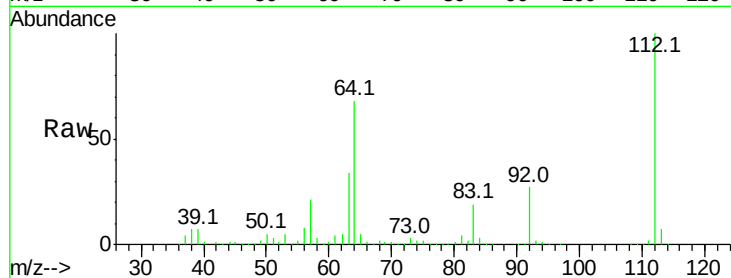
Tot Ion:112 Resp: 1128552

Ion Ratio Lower Upper

112 100

64 67.7 46.1 69.1

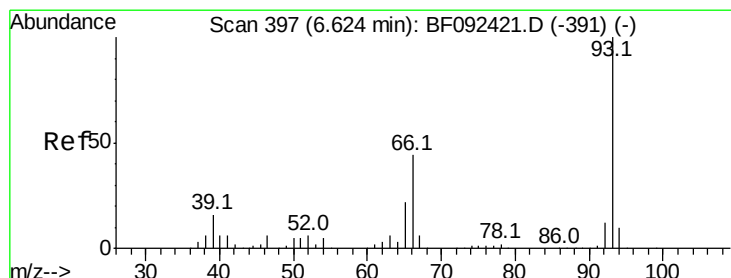
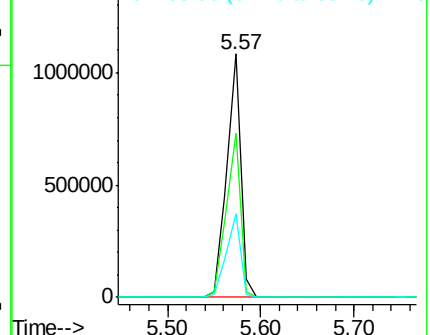
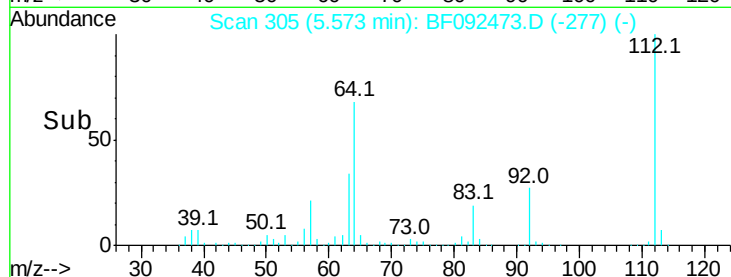
63 34.3 23.8 35.6



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: 16.29 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

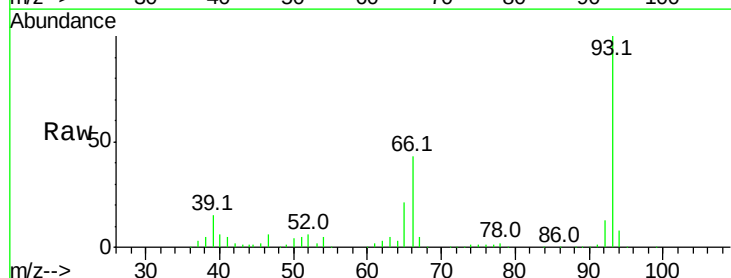
Tgt Ion: 93 Resp: 360227

Ion Ratio Lower Upper

93 100

66 42.9 76.2 114.2#

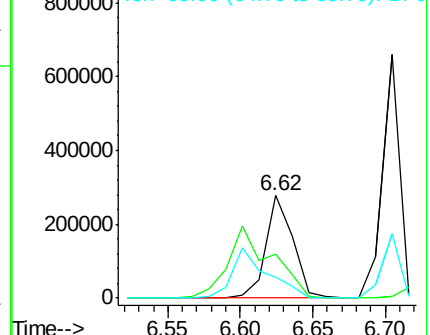
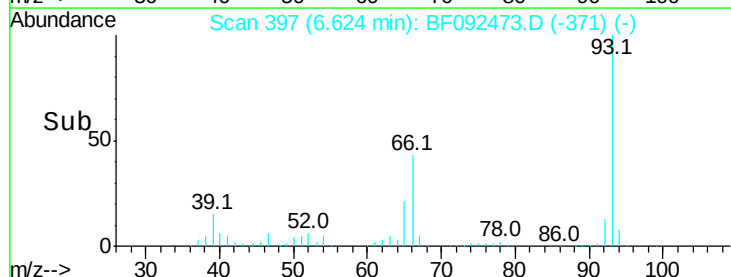
65 20.6 49.3 73.9#

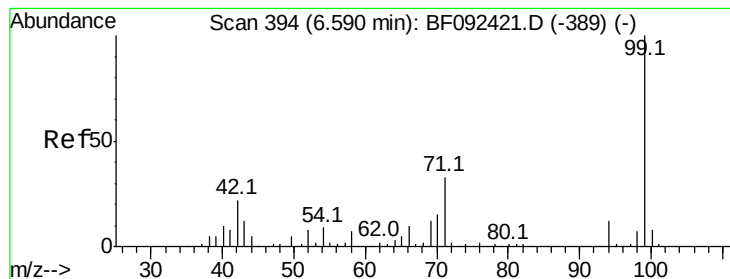


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.80 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

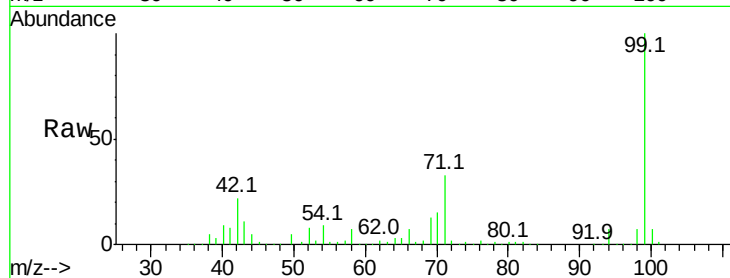
BNA_F

ClientSampleId :

PB96140BS

Tot Ion: 99 Resp: 1568400

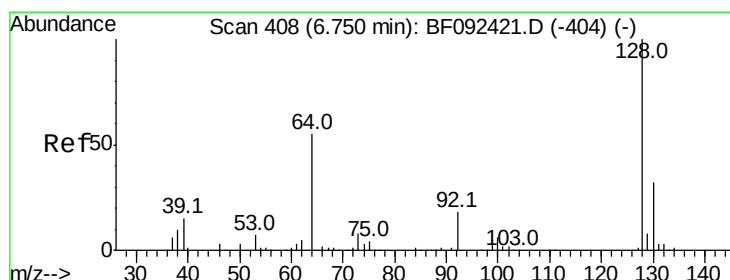
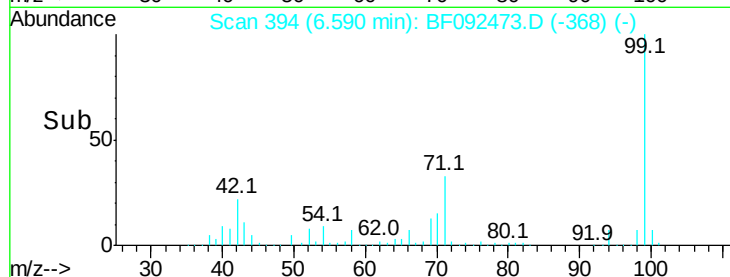
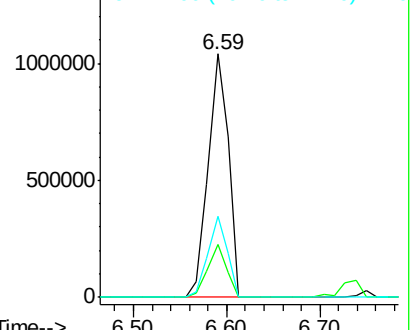
Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.6	23.4
71	33.3	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.24 ng

RT: 6.75 min Scan# 408

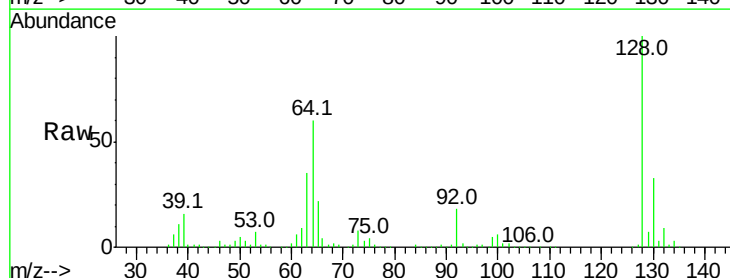
Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Tgt Ion: 128 Resp: 479652

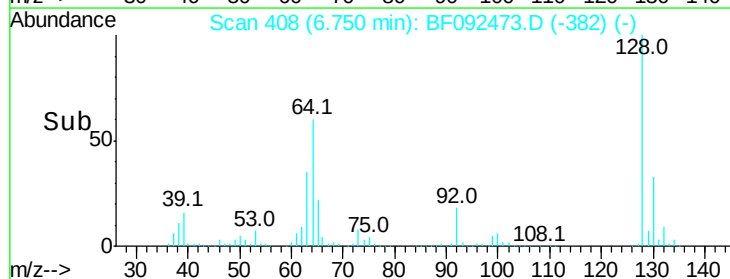
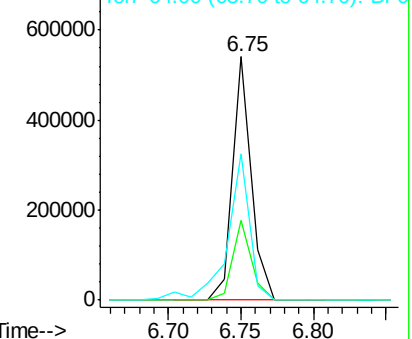
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	60.2	32.2	72.2

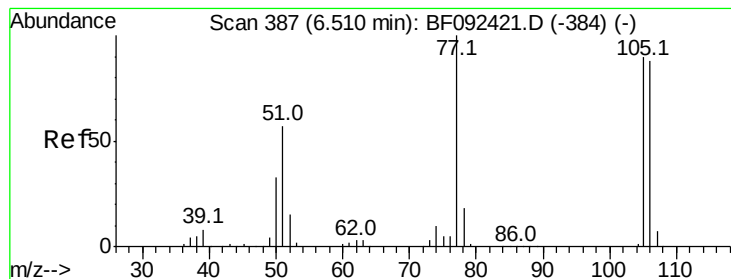


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 31.15 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

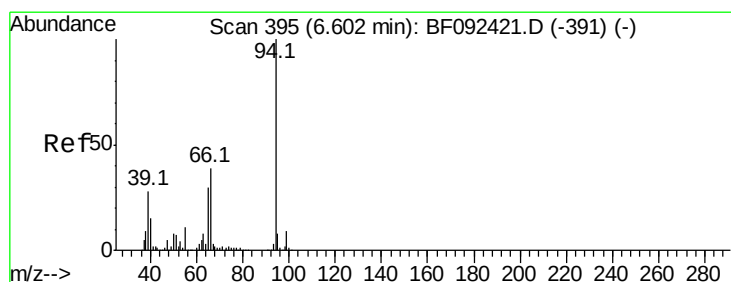
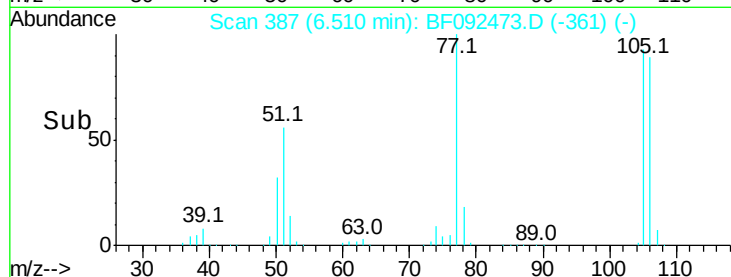
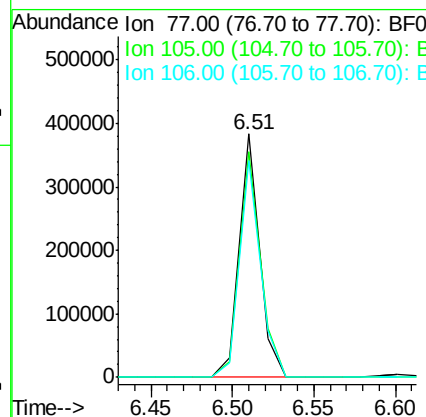
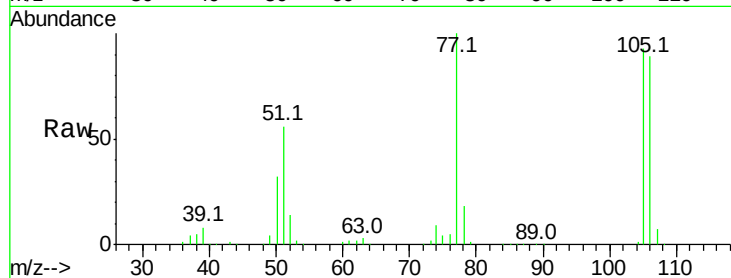
Tot Ion: 77 Resp: 327647

Ion Ratio Lower Upper

77 100

105 92.7 83.9 123.9

106 88.8 77.6 117.6



#10

Phenol

Concen: 31.36 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

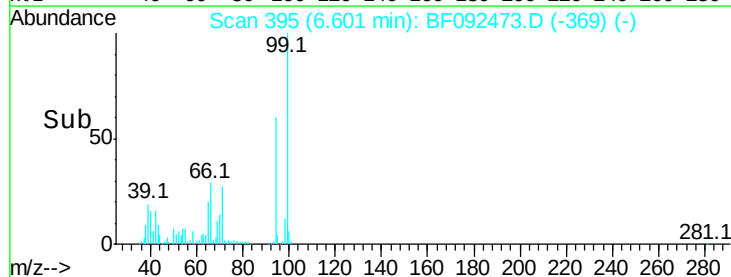
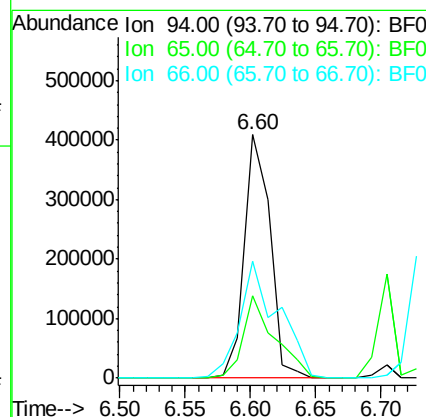
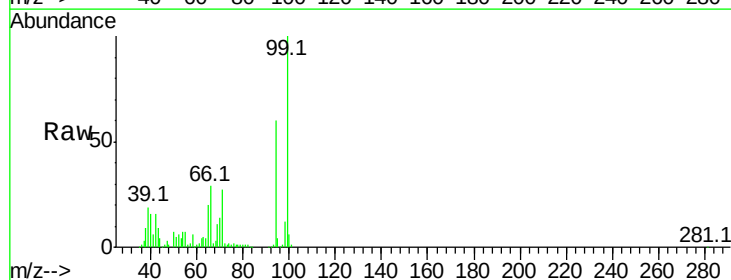
Tgt Ion: 94 Resp: 561147

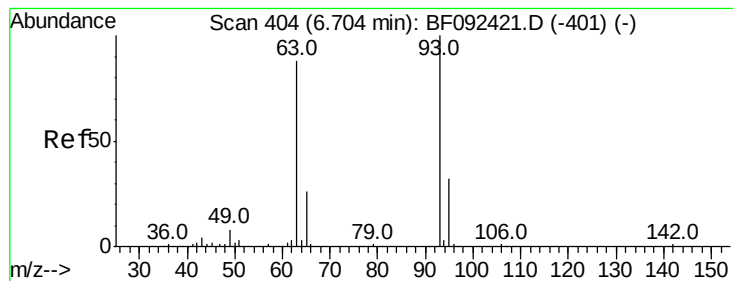
Ion Ratio Lower Upper

94 100

65 33.6 21.4 61.4

66 48.0 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 39.94 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

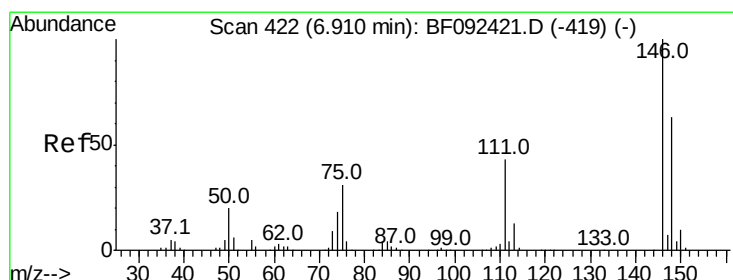
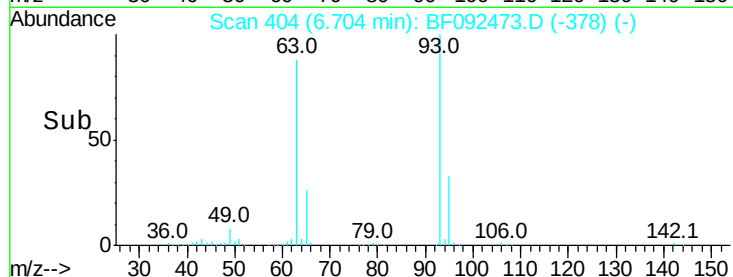
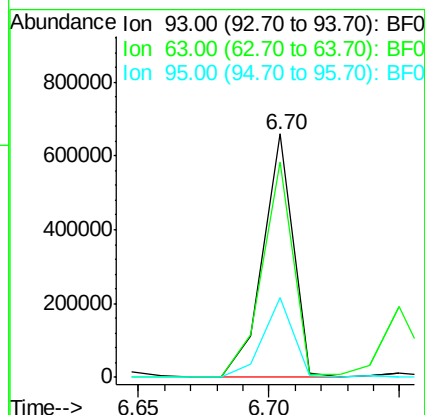
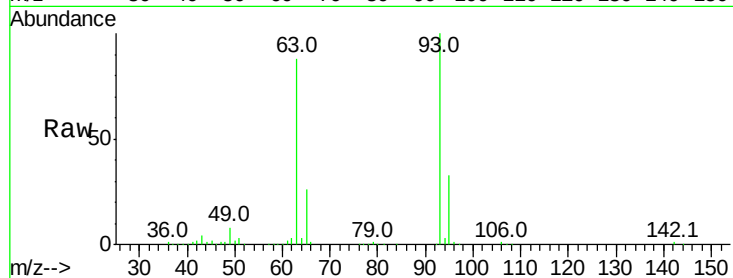
Tot Ion: 93 Resp: 534754

Ion Ratio Lower Upper

93 100

63 88.5 60.4 100.4

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.90 ng m

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

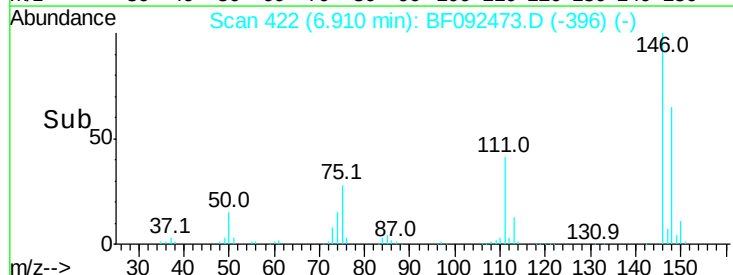
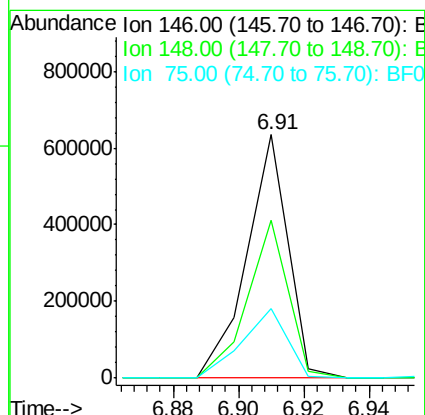
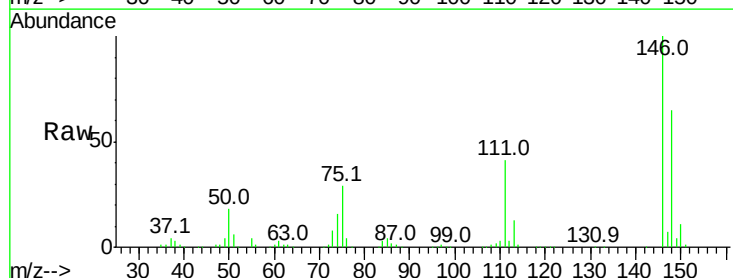
Tgt Ion: 146 Resp: 562388

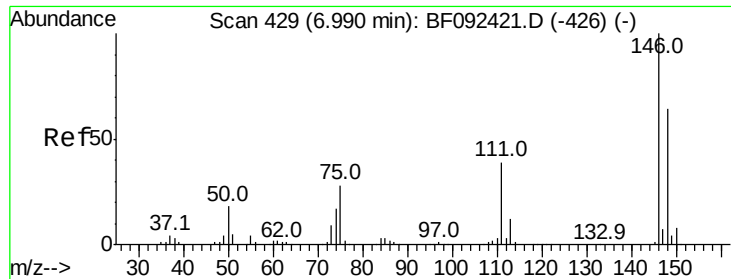
Ion Ratio Lower Upper

146 100

148 65.1 53.4 80.0

75 28.7 18.5 27.7#

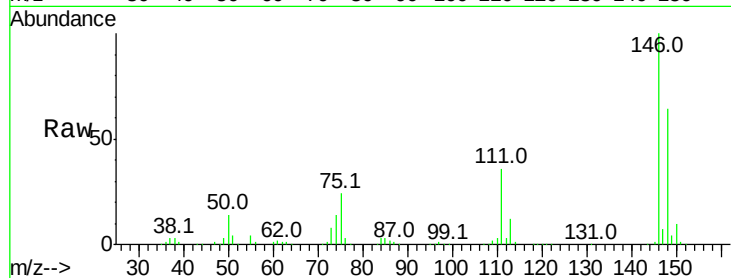




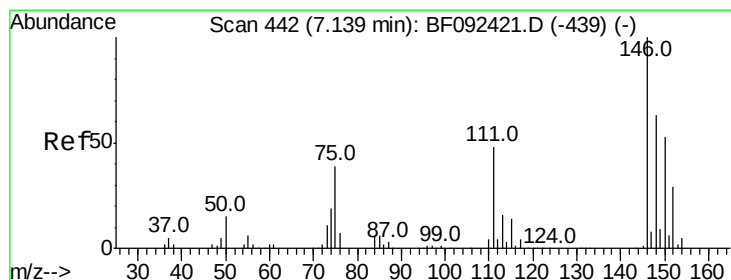
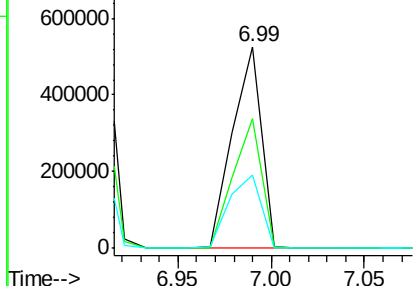
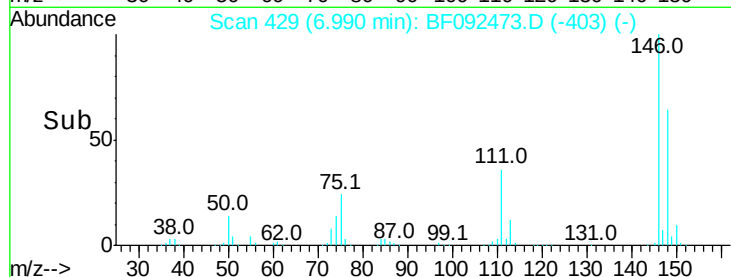
#13
 1,4-Dichlorobenzene
 Concen: 39.45 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

Tot Ion:146 Resp: 574016
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 76.0
 111 36.3 36.2 54.4

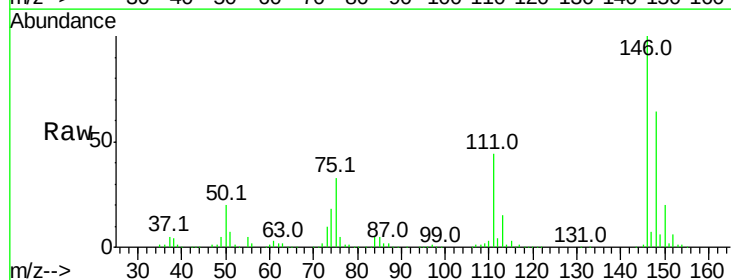


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

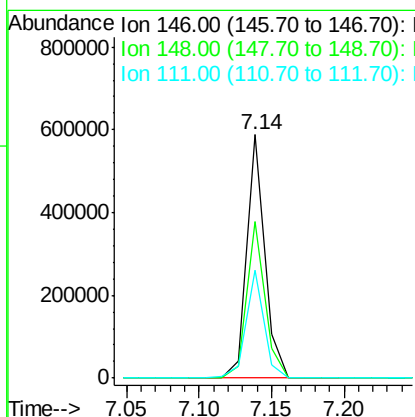
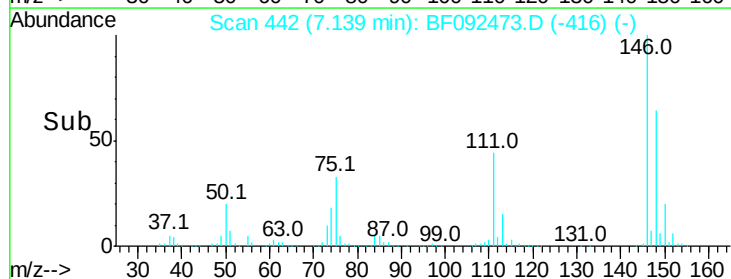


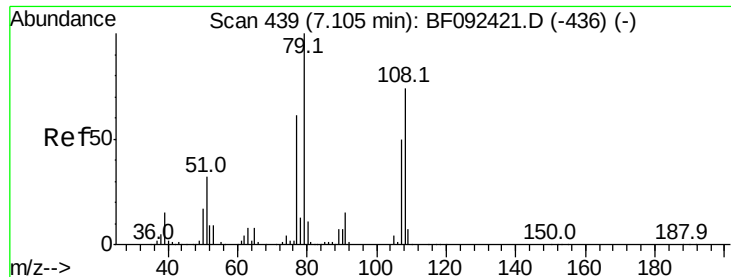
#14
 1,2-Dichlorobenzene
 Concen: 36.60 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Tgt Ion:146 Resp: 505207
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 44.4 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.43 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

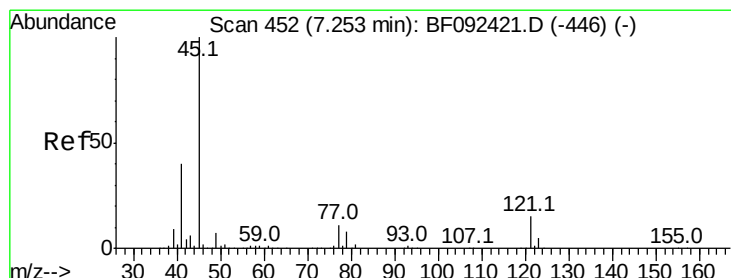
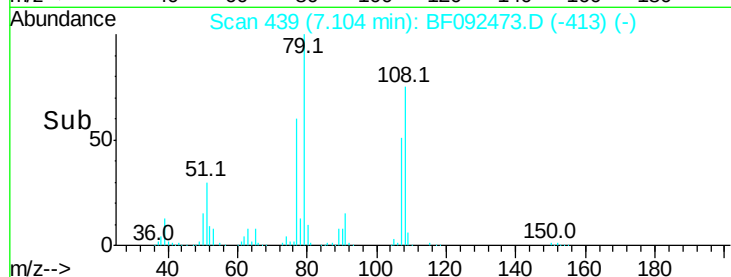
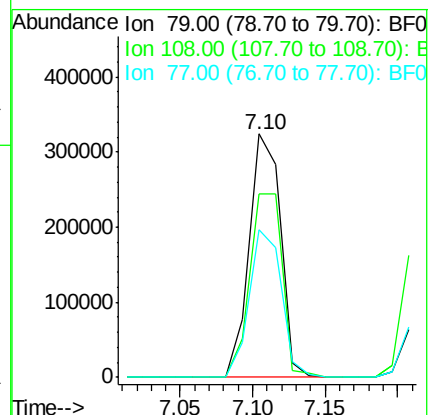
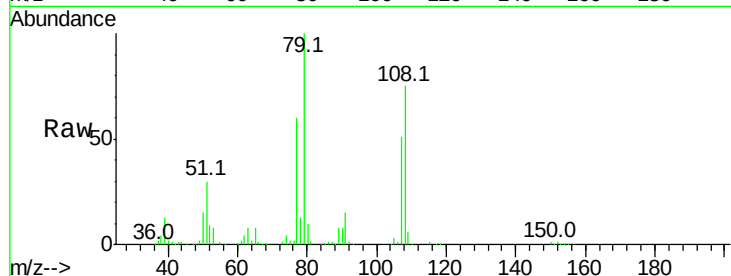
Tot Ion: 79 Resp: 485149

Ion Ratio Lower Upper

79 100

108 75.4 61.4 92.0

77 60.5 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.73 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

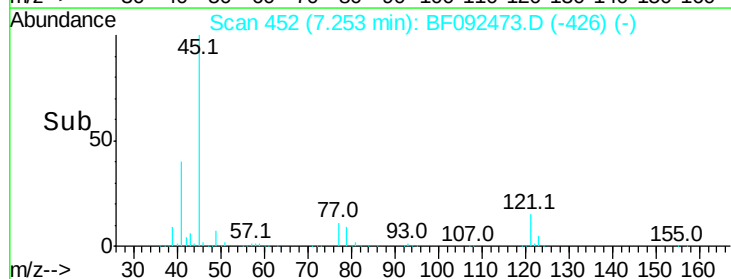
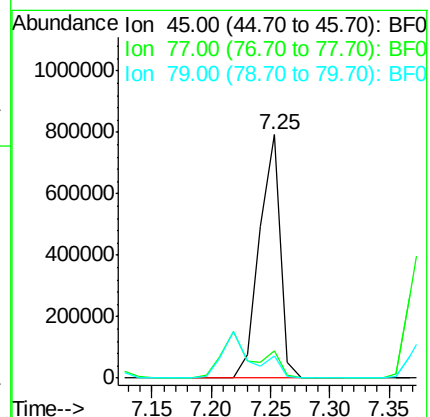
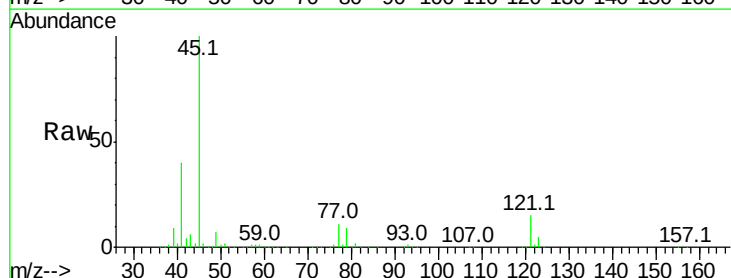
Tgt Ion: 45 Resp: 972616

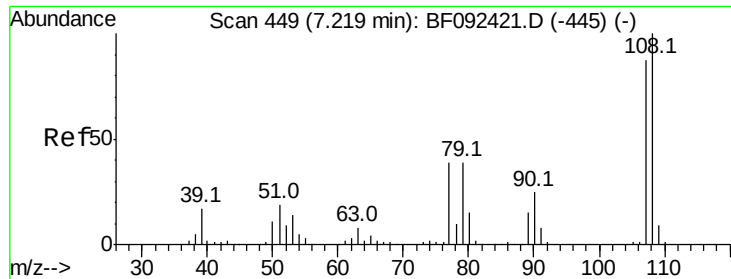
Ion Ratio Lower Upper

45 100

77 11.2 0.0 34.6

79 9.0 0.0 31.2

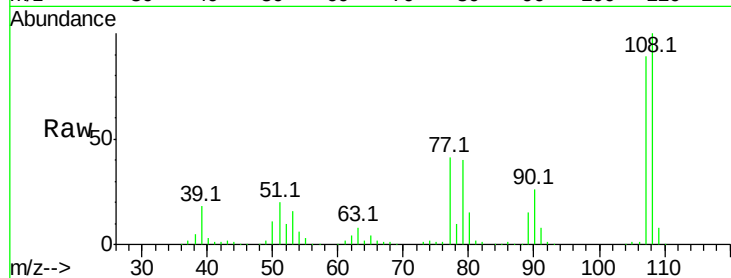




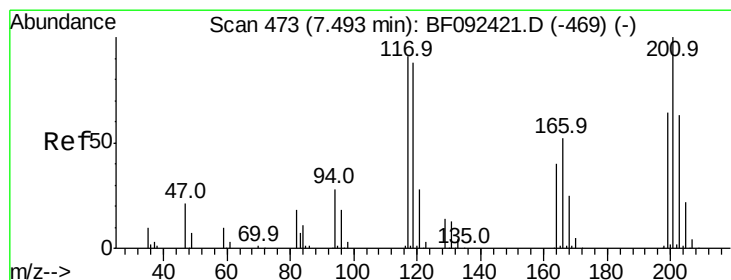
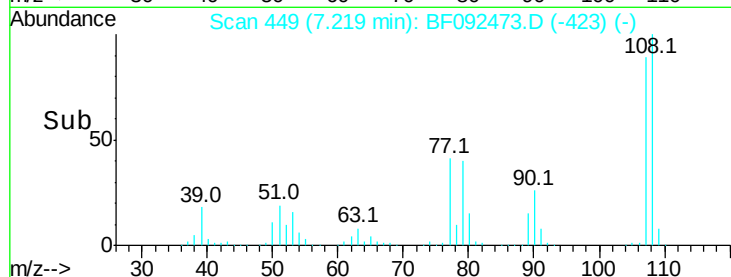
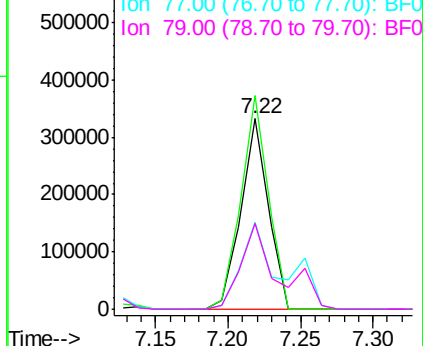
#17
2-Methylphenol
Concen: 41.71 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Instrument :
BNA_F
ClientSampleId :
PB96140BS

Tot Ion:	107	Resp:	435650
Ion	Ratio	Lower	Upper
107	100		
108	112.0	93.0	139.6
77	45.4	39.8	59.8
79	45.0	38.0	57.0

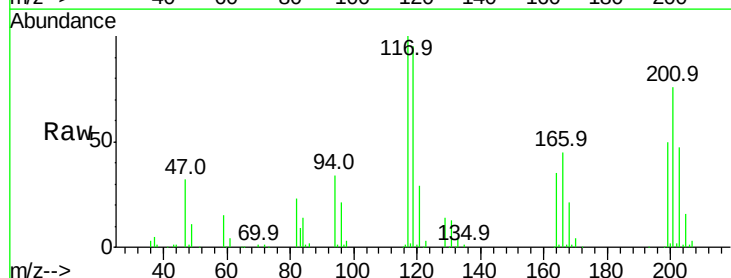


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

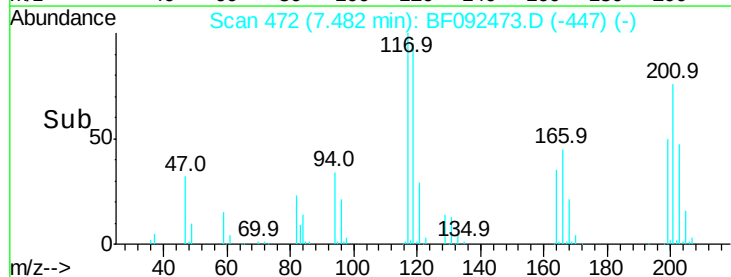
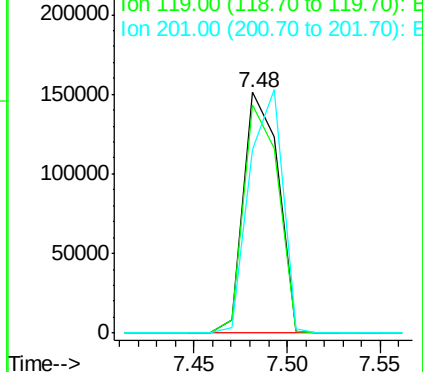


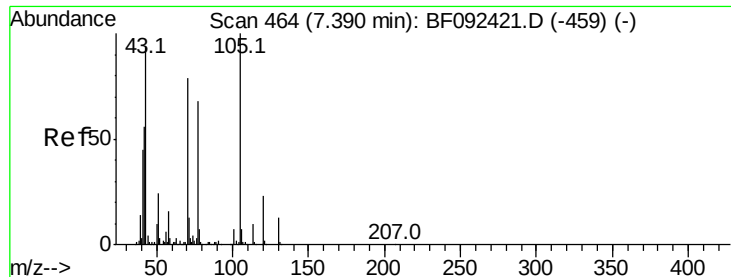
#18
Hexachloroethane
Concen: 38.89 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:	117	Resp:	194941
Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.1	117.1
201	76.1	78.6	117.8#



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

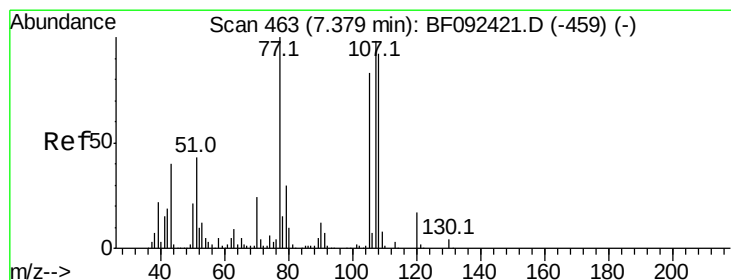
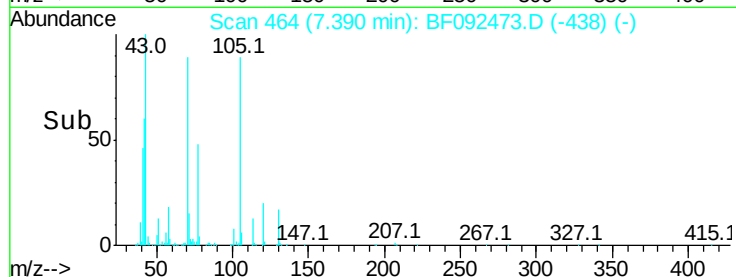
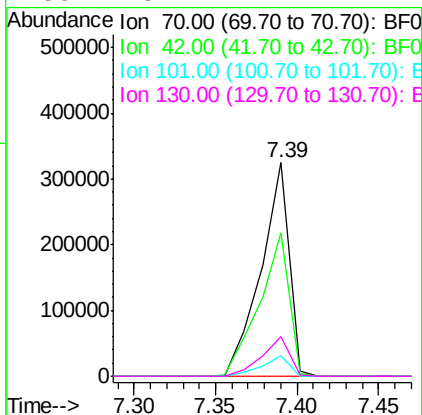
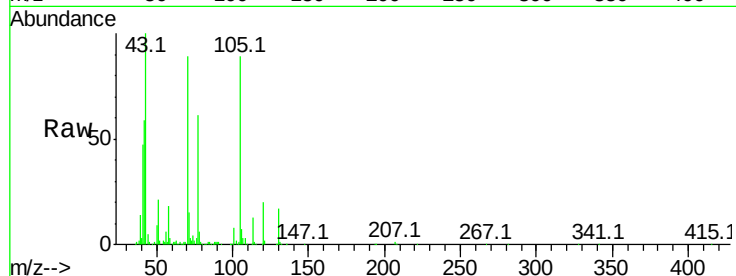




#19
n-Nitroso-di-n-propylamine
Concen: 38.84 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

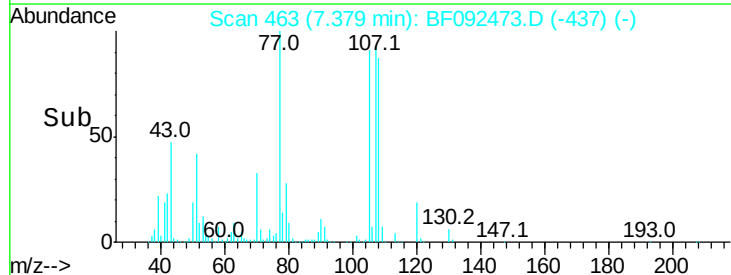
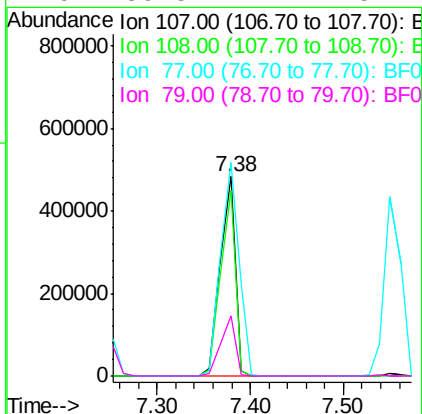
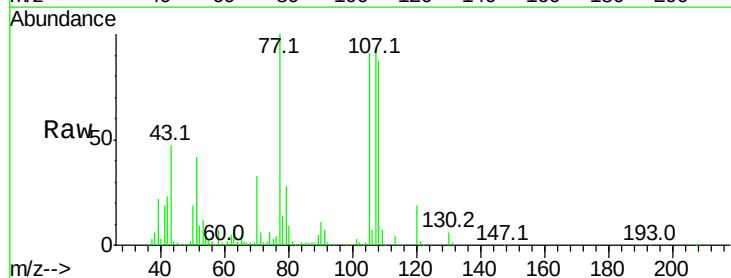
Instrument :
BNA_F
ClientSampleId :
PB96140BS

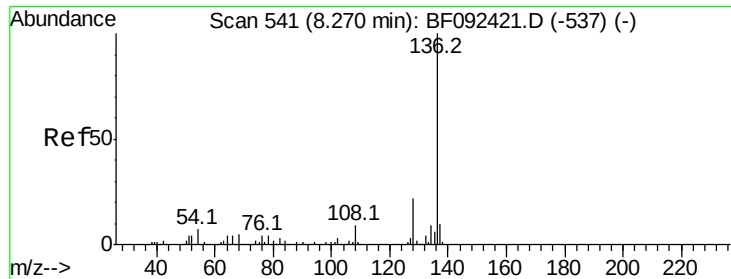
Tot Ion:	70	Resp:	392085
Ion	Ratio	Lower	Upper
70	100		
42	66.8	49.4	74.0
101	9.5	7.4	11.2
130	18.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 42.37 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:	107	Resp:	536854
Ion	Ratio	Lower	Upper
107	100		
108	93.2	73.0	113.0
77	107.2	71.3	111.3
79	30.5	11.1	51.1

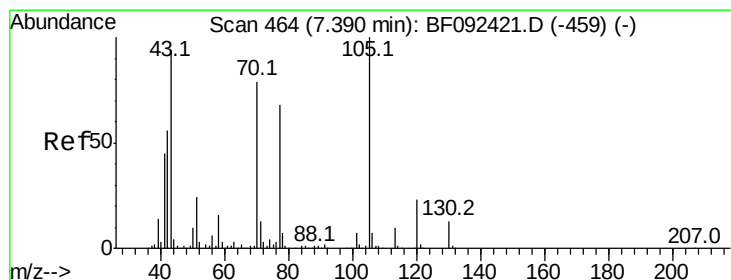
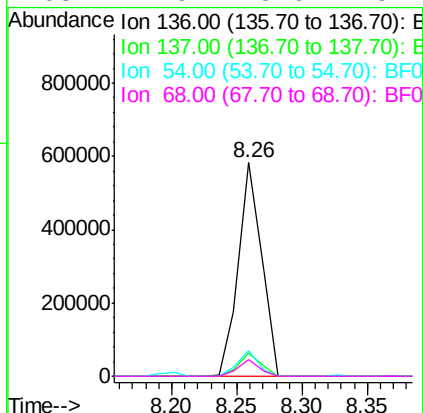
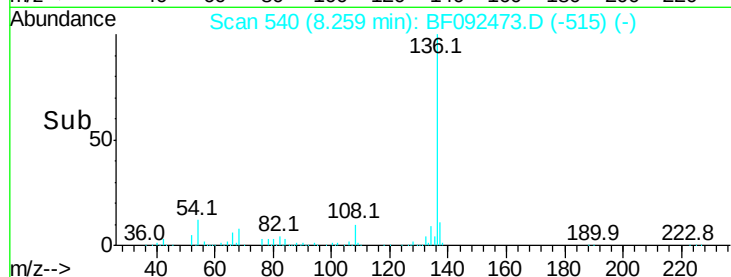
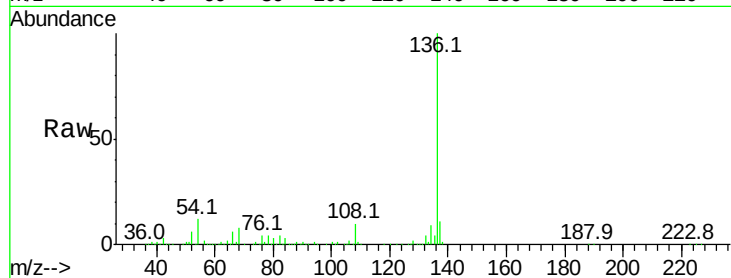




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

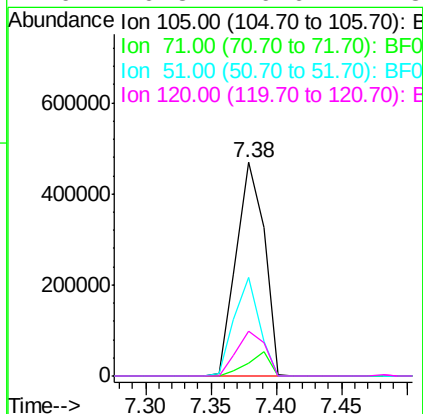
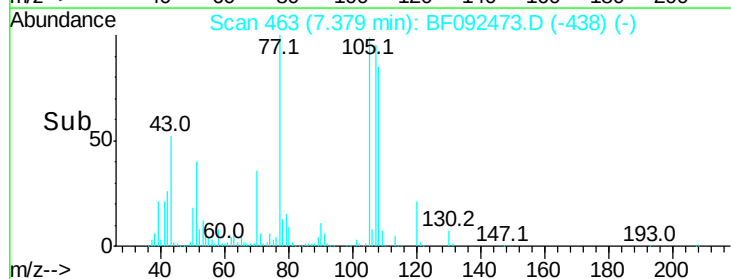
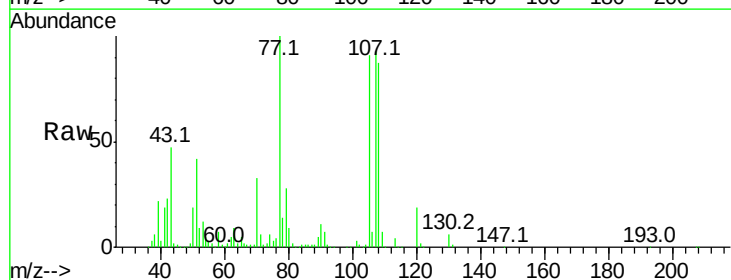
Instrument :
BNA_F
ClientSampleId :
PB96140BS

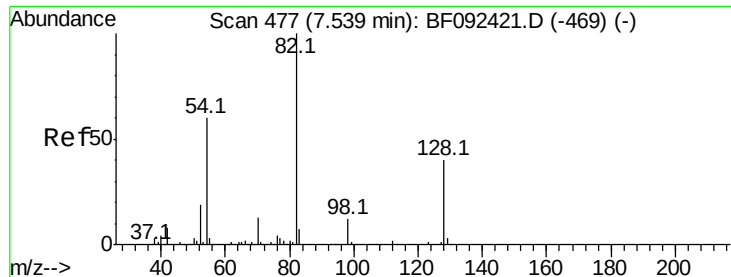
Tot Ion:136	Resp:	718663
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.4 12.6
54	11.7	4.5 6.7#
68	7.9	3.6 5.4#



#22
Acetophenone
Concen: 41.05 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:105	Resp:	702588
Ion Ratio	Lower	Upper
105	100	
71	6.1	3.2 4.8#
51	45.9	26.2 39.4#
120	20.8	16.6 24.8



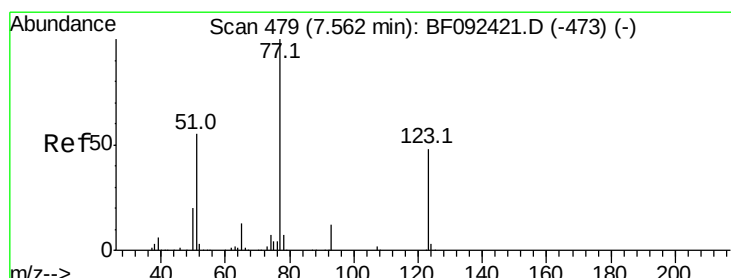
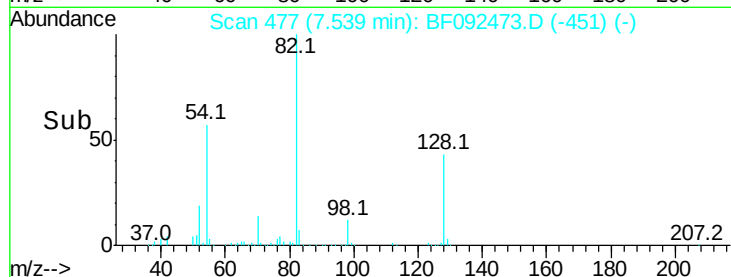
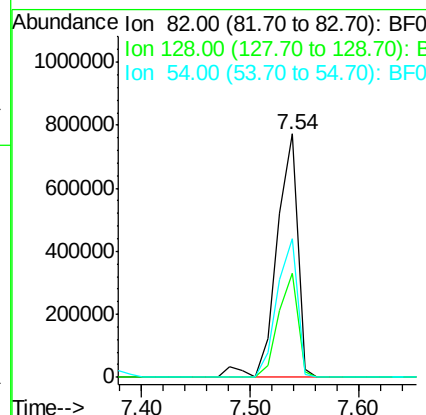
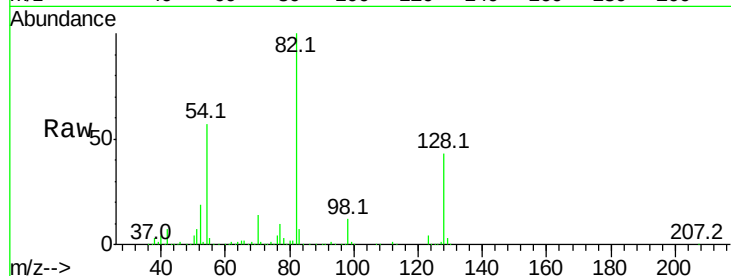


#23
 Nitrobenzene-d5
 Concen: 78.41 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

Tot Ion: 82 Resp: 1031562

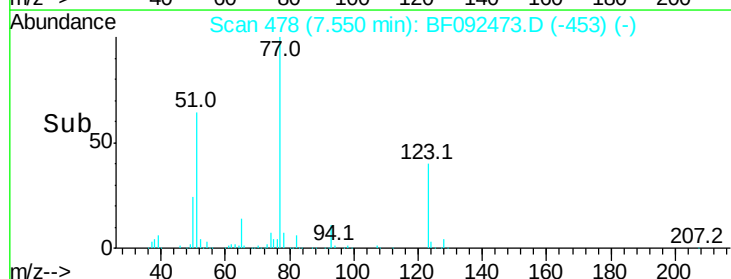
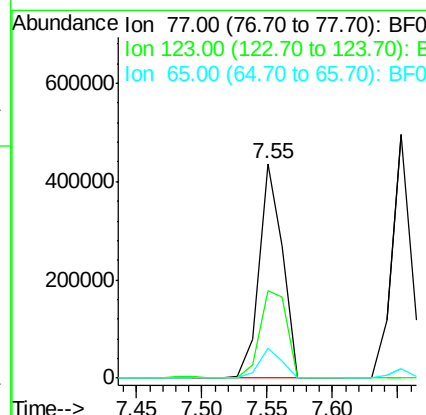
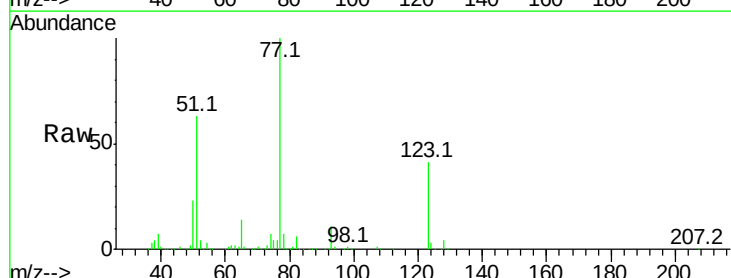
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	57.0	39.5	59.3

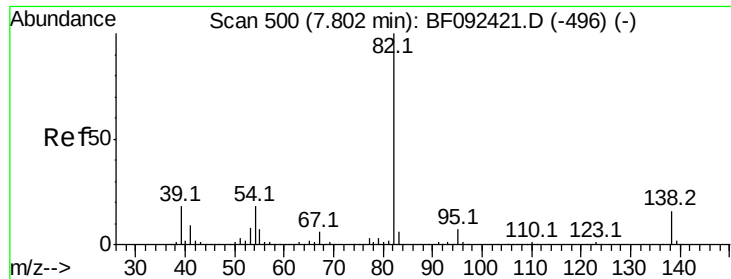


#24
 Nitrobenzene
 Concen: 39.30 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Tgt Ion: 77 Resp: 541603

Ion	Ratio	Lower	Upper
77	100		
123	41.0	33.0	49.4
65	13.8	11.2	16.8





#25

Isophorone

Concen: 41.58 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

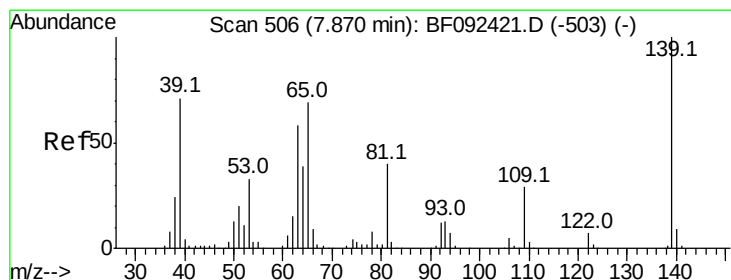
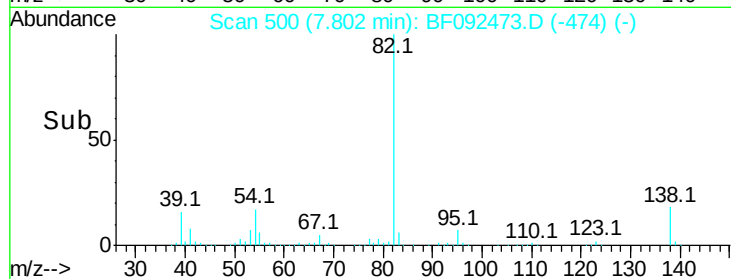
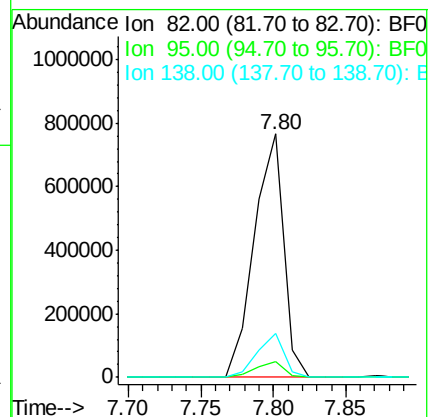
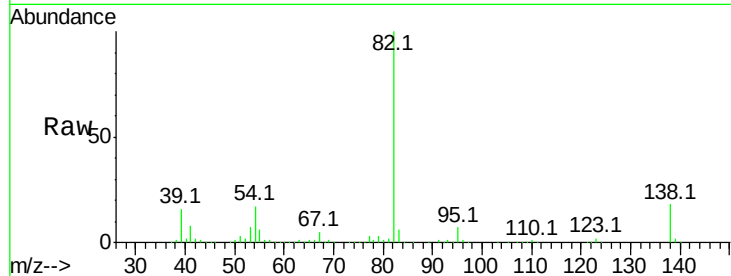
Tot Ion: 82 Resp: 1077945

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 17.8 14.6 22.0



#26

2-Nitrophenol

Concen: 45.33 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

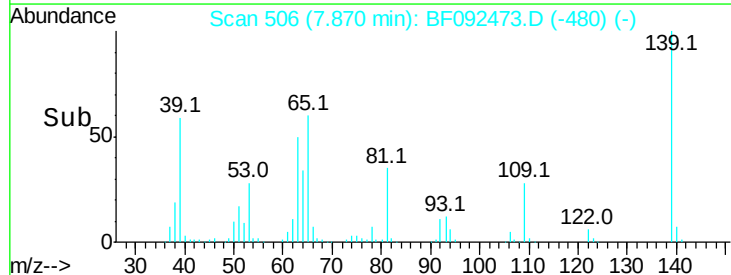
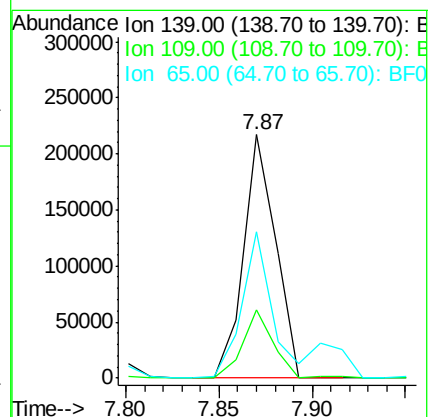
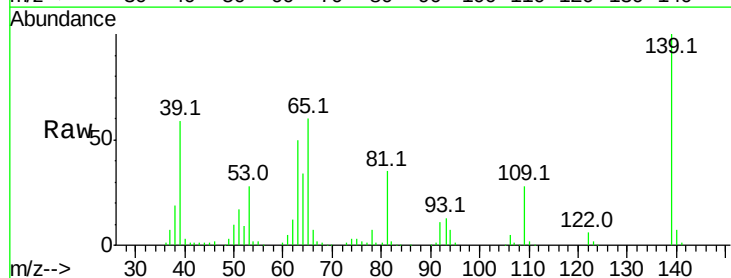
Tgt Ion: 139 Resp: 261812

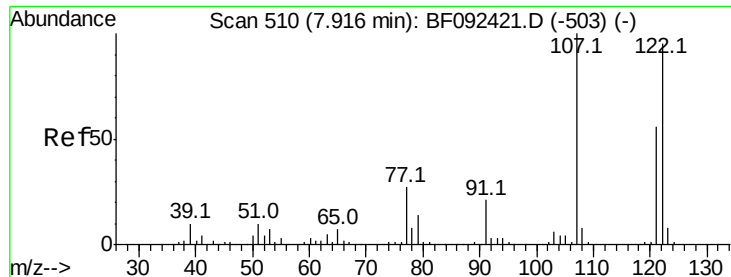
Ion Ratio Lower Upper

139 100

109 27.8 23.3 34.9

65 60.0 42.7 64.1

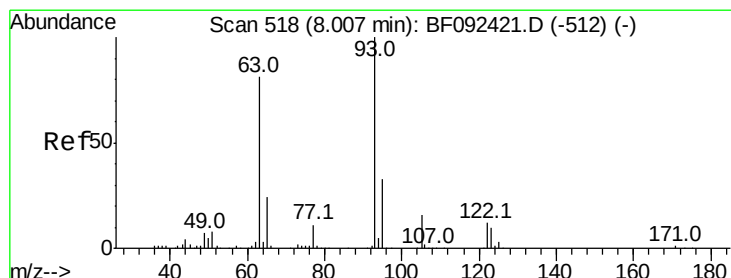
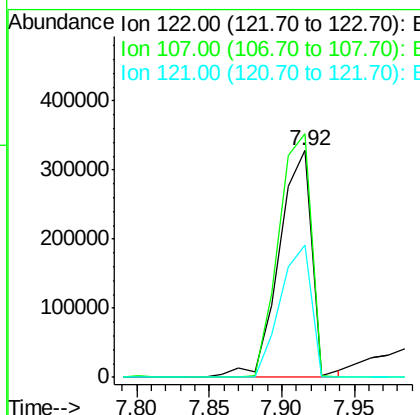
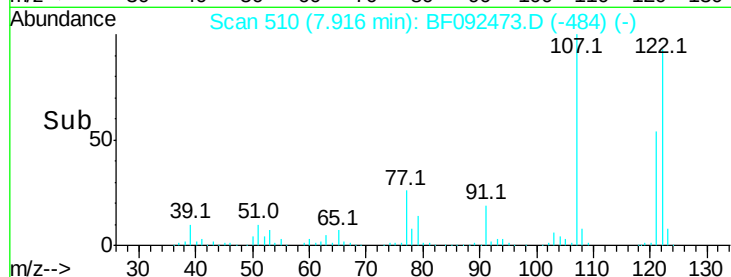
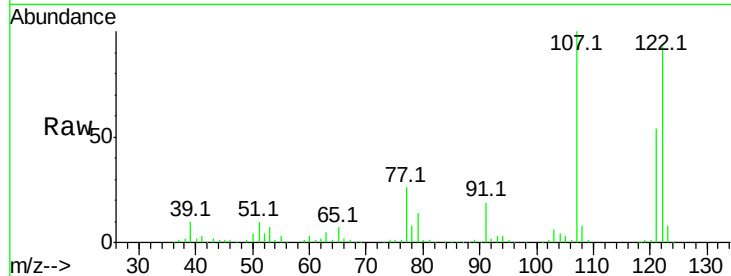




#27
 2,4-Dimethylphenol
 Concen: 42.51 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

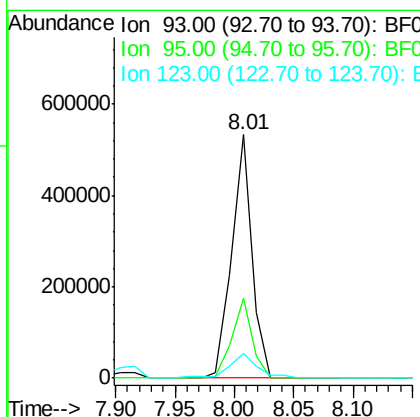
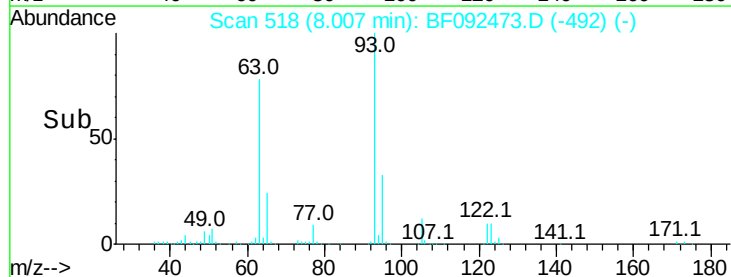
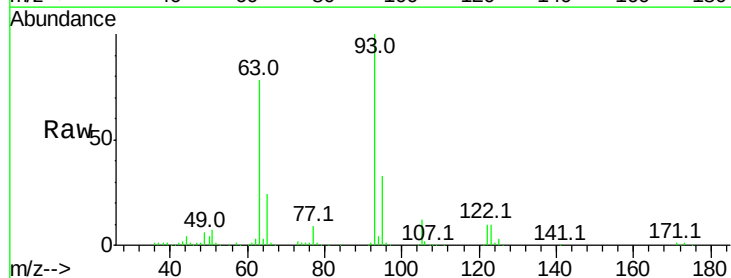
Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

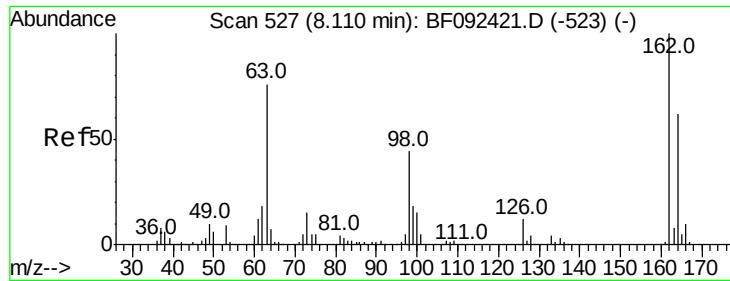
Tot Ion:	122	Resp:	510552
Ion	Ratio	Lower	Upper
122	100		
107	107.3	94.1	141.1
121	58.5	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.01 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Tgt Ion:	93	Resp:	629759
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	10.4	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 42.55 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

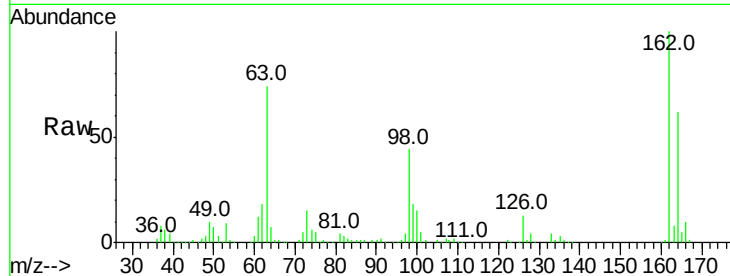
Tot Ion:162 Resp: 443070

Ion Ratio Lower Upper

162 100

164 62.2 46.8 86.8

98 44.4 9.1 49.1

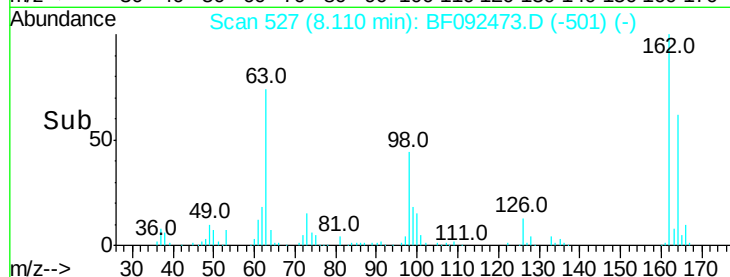


Abundance Ion 162.00 (161.70 to 162.70): E

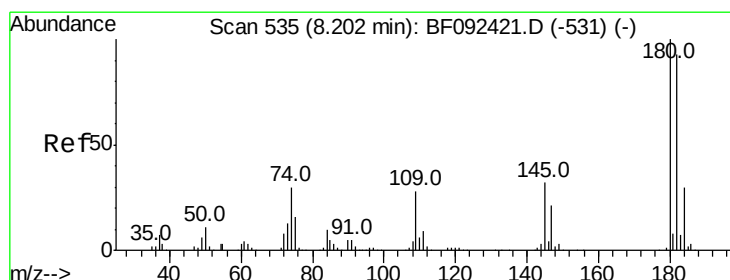
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E

Time-->



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 40.04 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

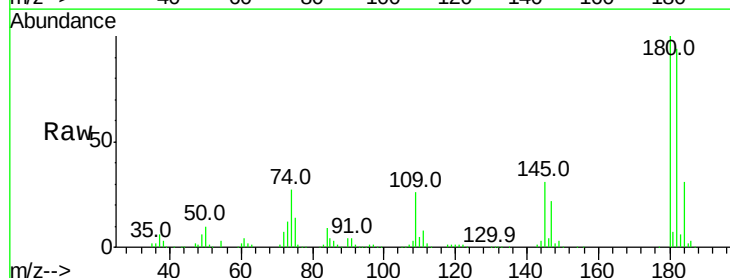
Tgt Ion:180 Resp: 450630

Ion Ratio Lower Upper

180 100

182 93.8 78.2 117.4

145 31.2 21.6 32.4

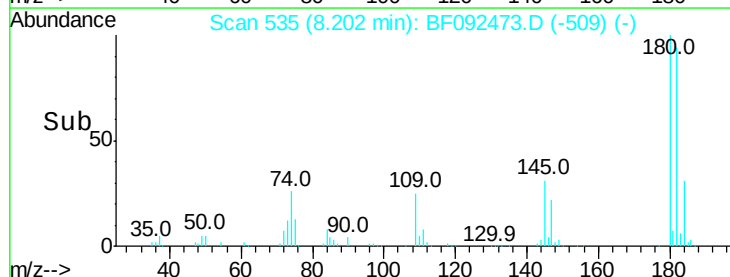


Abundance Ion 180.00 (179.70 to 180.70): E

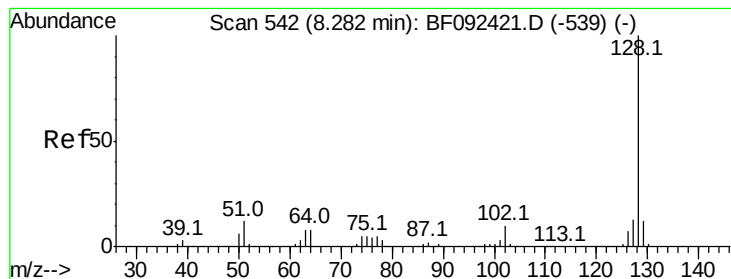
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



Time-->



#31

Naphthalene

Concen: 37.55 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

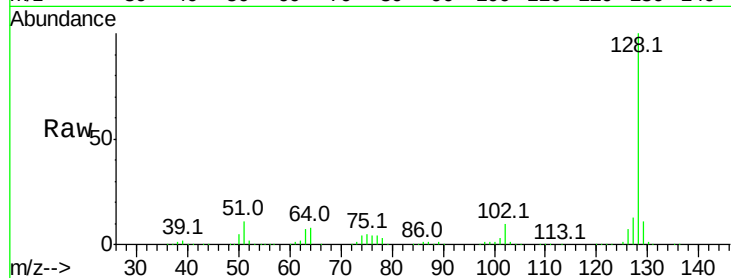
Tot Ion:128 Resp: 1381031

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

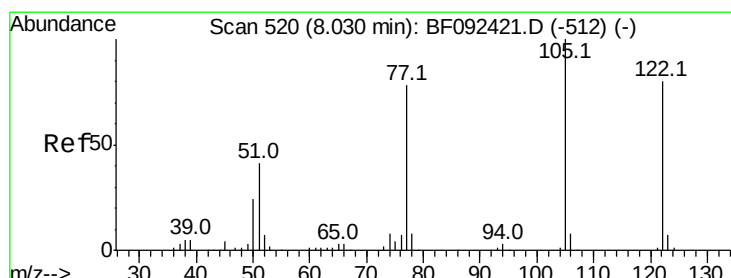
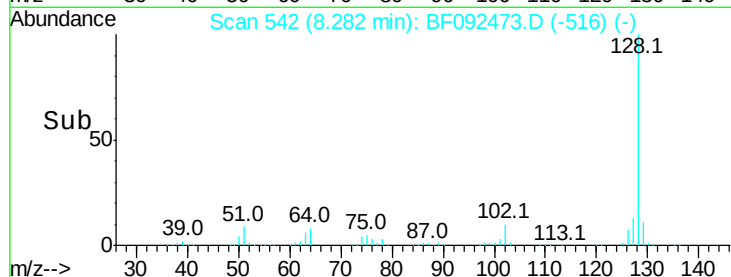
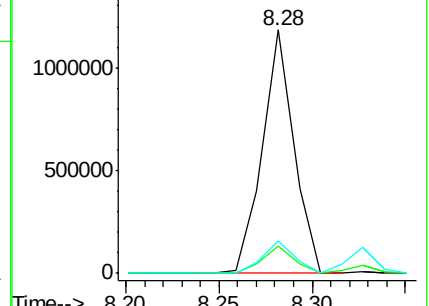
127 13.5 10.8 16.2



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: 39.30 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

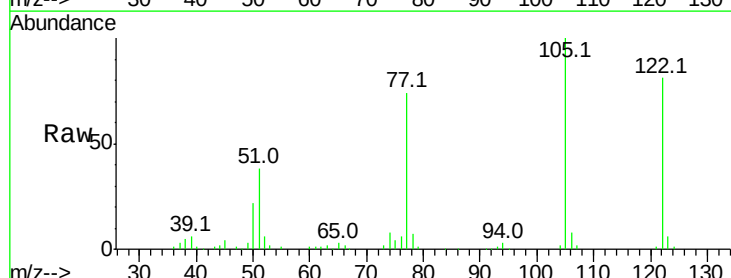
Tgt Ion:122 Resp: 344364

Ion Ratio Lower Upper

122 100

105 122.9 107.2 147.2

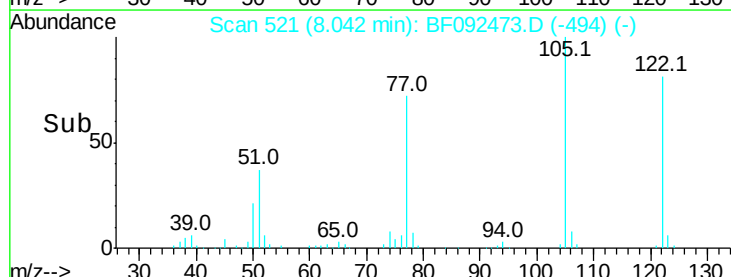
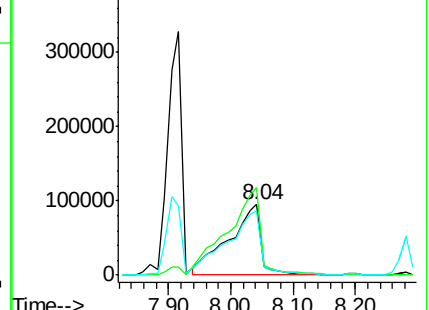
77 90.8 74.5 114.5

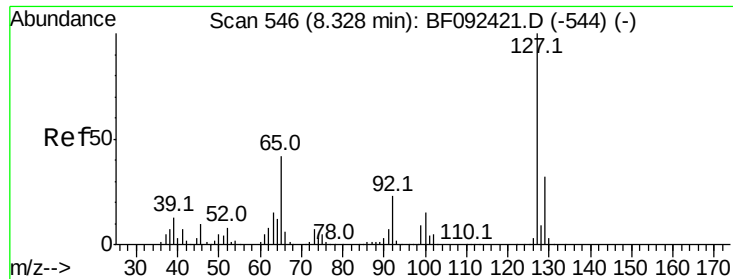


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

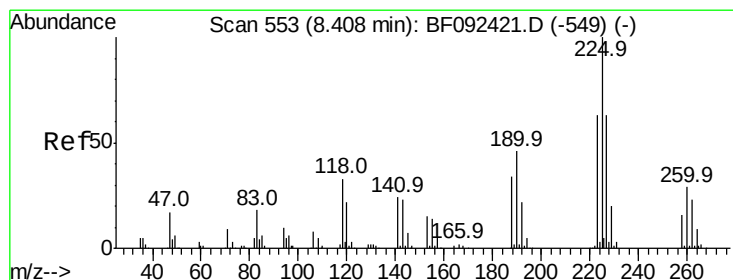
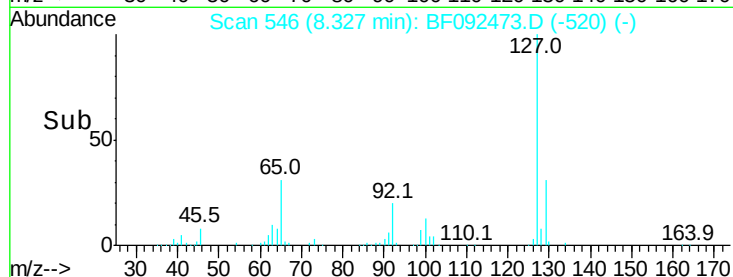
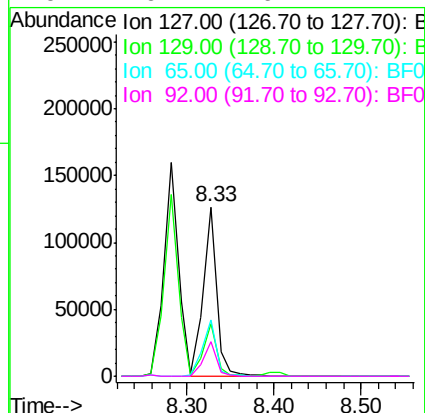
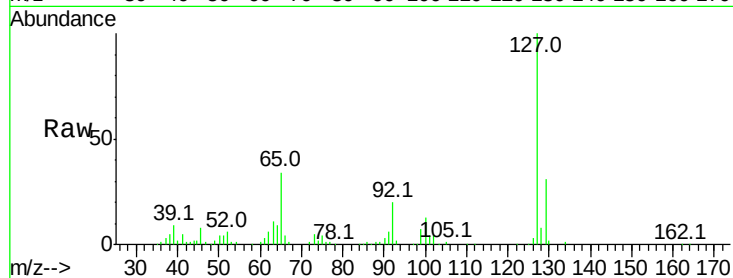




#33
4-Chloroaniline
Concen: 8.71 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

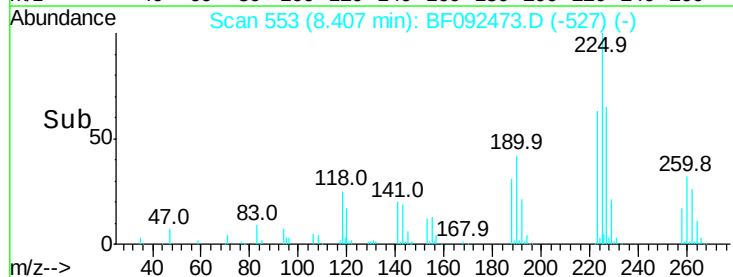
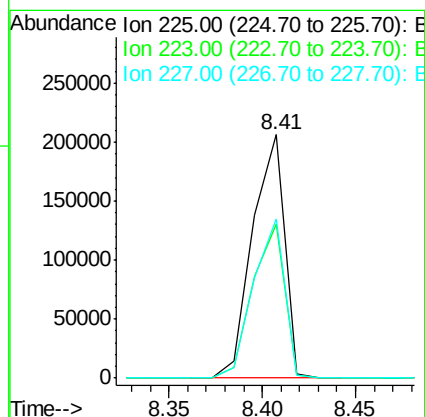
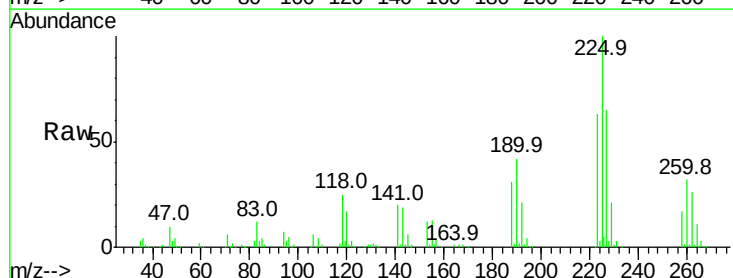
Instrument :
BNA_F
ClientSampleId :
PB96140BS

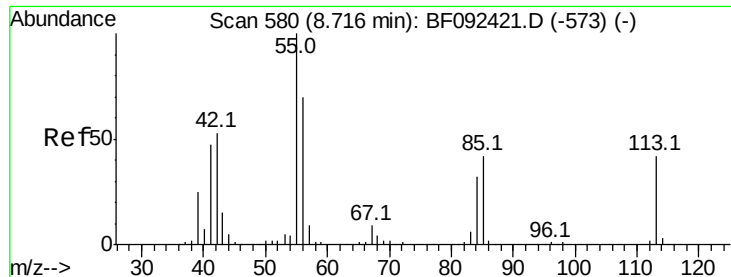
Tot Ion:	127	Resp:	135479
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.3	39.5
65	33.6	25.8	38.8
92	20.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 40.37 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:	225	Resp:	248541
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	65.4	50.6	76.0

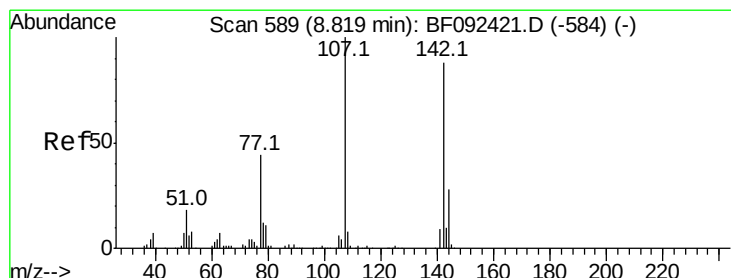
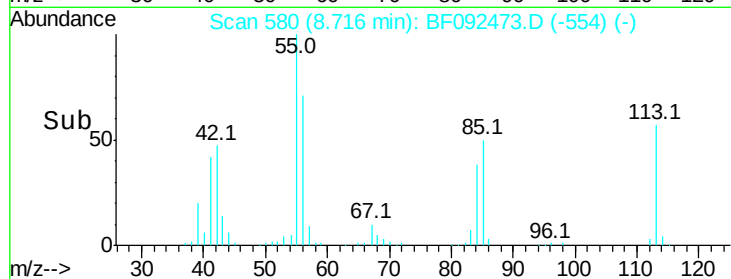
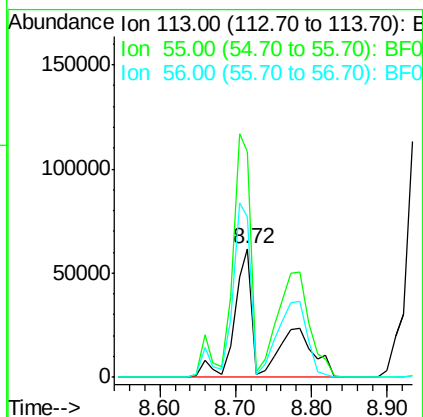
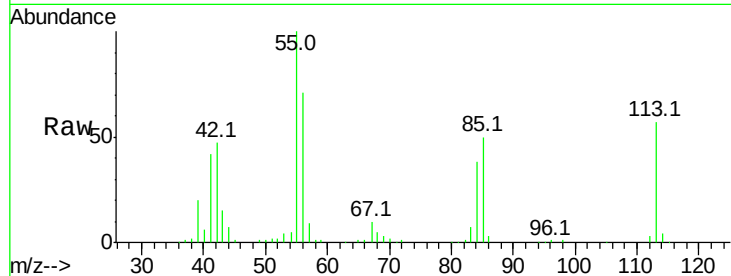




#35
 Caprolactam
 Concen: 48.83 ng/ml
 RT: 8.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

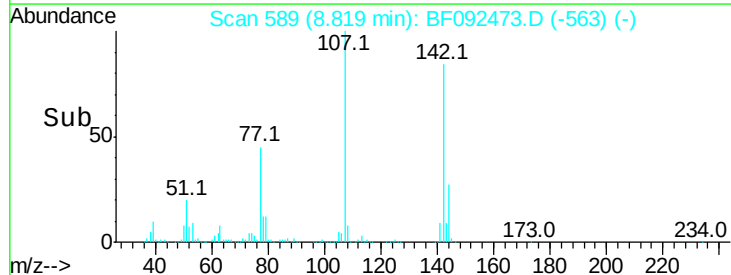
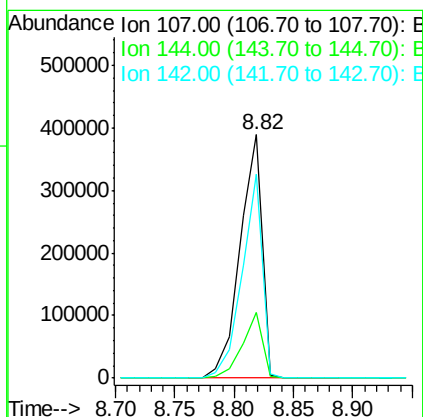
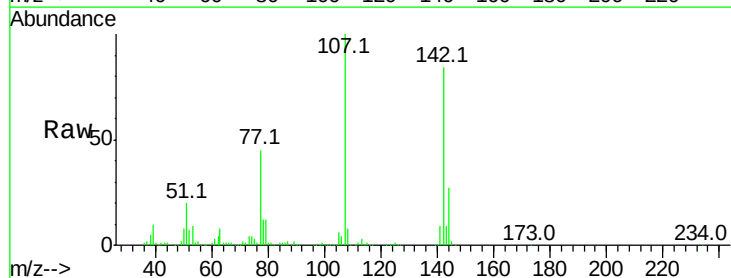
Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

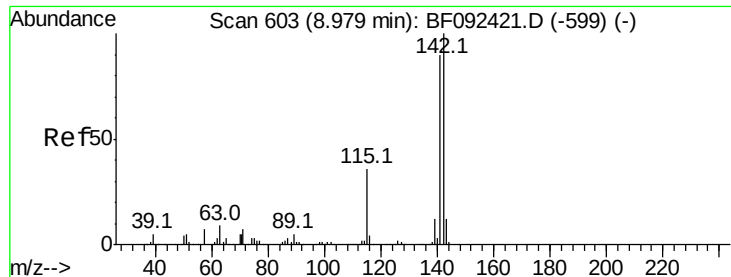
Tot Ion:113 Resp: 169802
 Ion Ratio Lower Upper
 113 100
 55 175.2 119.2 159.2#
 56 124.8 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 44.99 ng/ml
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Tgt Ion:107 Resp: 505188
 Ion Ratio Lower Upper
 107 100
 144 27.1 19.3 28.9
 142 83.6 59.0 88.6

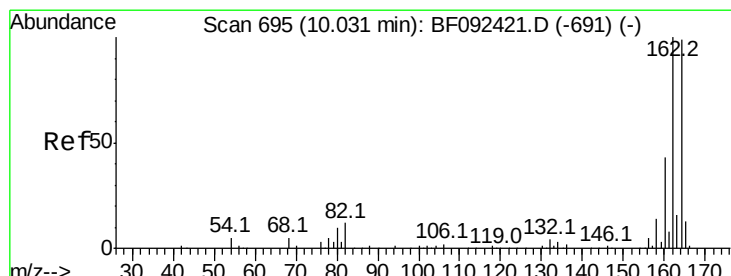
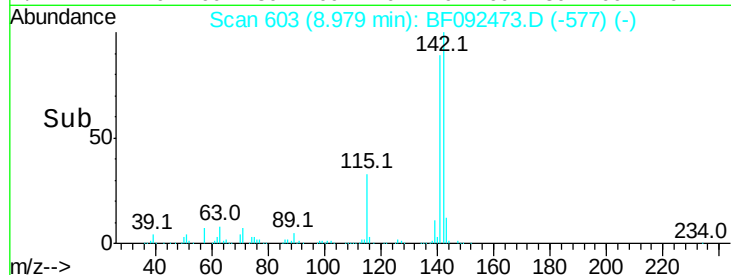
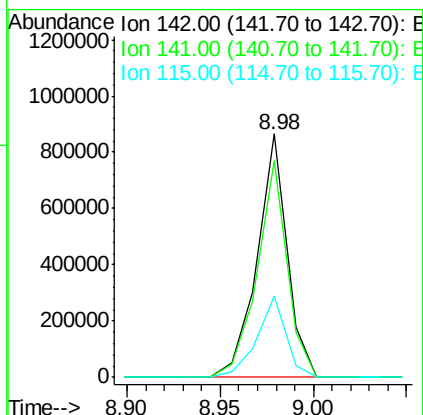
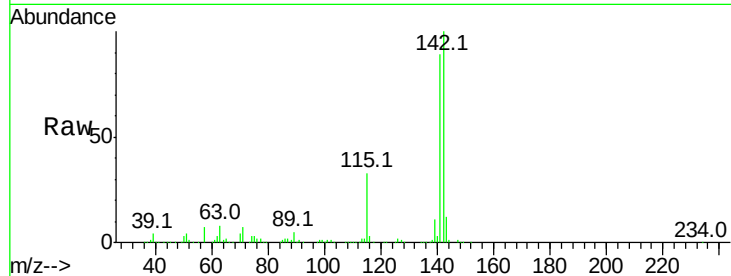




#37
 2-Methylnaphthalene
 Concen: 41.28 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

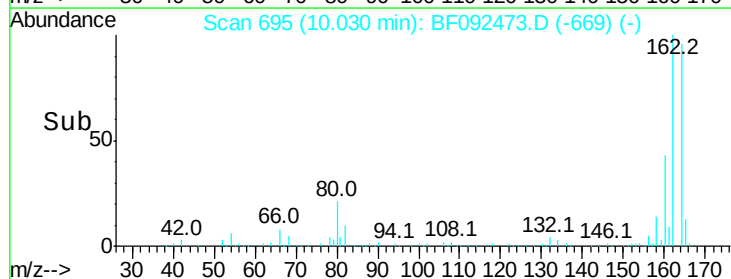
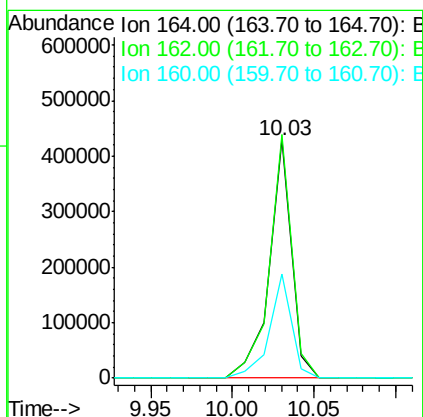
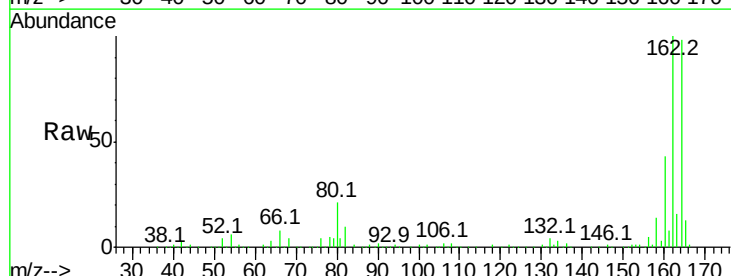
Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

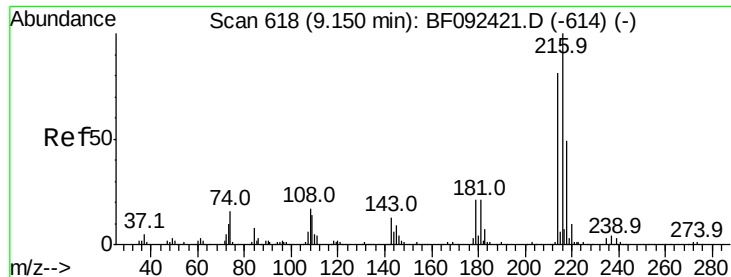
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	33.4	28.3	42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	43.7	36.9	55.3

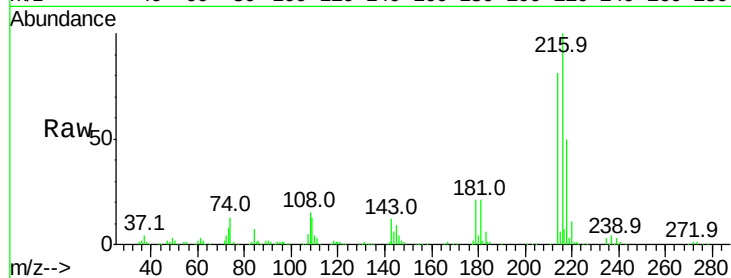




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.52 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

Tot Ion:	216	Resp:	460812
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.0
179	21.7	17.4	26.2
108	20.4	15.6	23.4

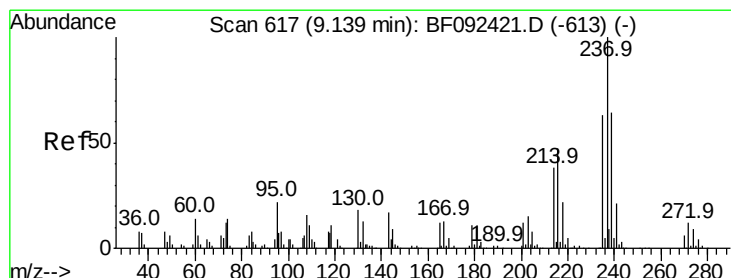
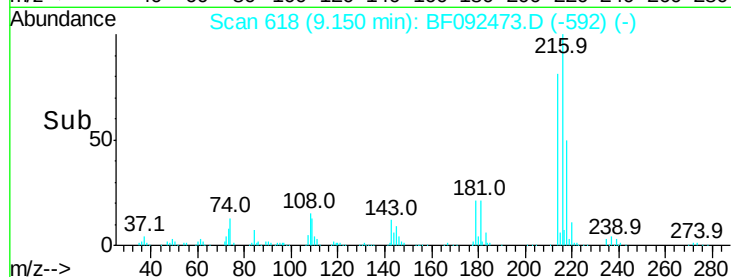
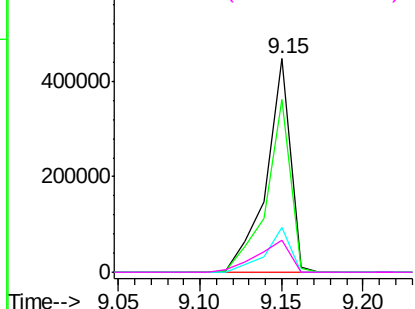


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

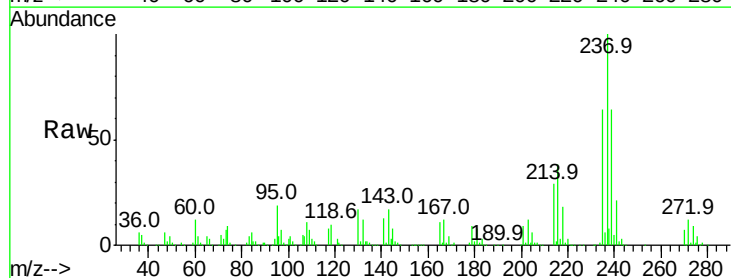
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 83.77 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

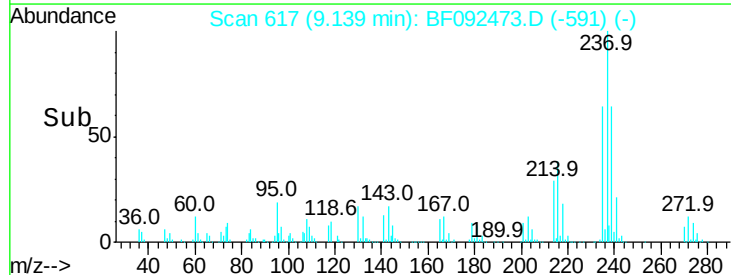
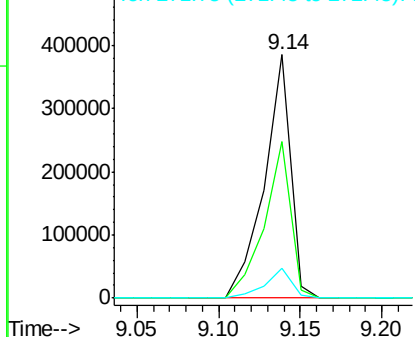
Tgt Ion:	237	Resp:	434184
Ion	Ratio	Lower	Upper
237	100		
235	64.4	41.2	81.2
272	12.4	0.0	35.4

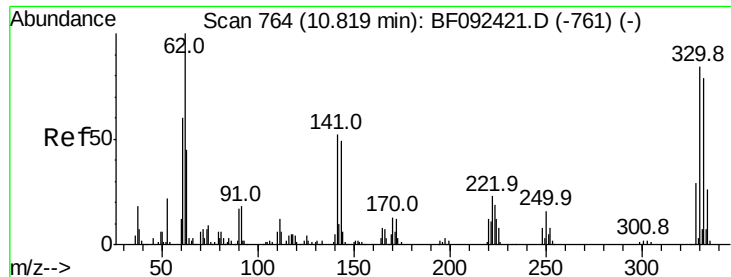


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 107.37 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

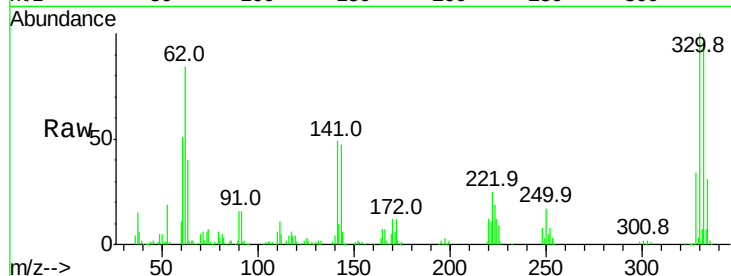
Tot Ion:330 Resp: 300222

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

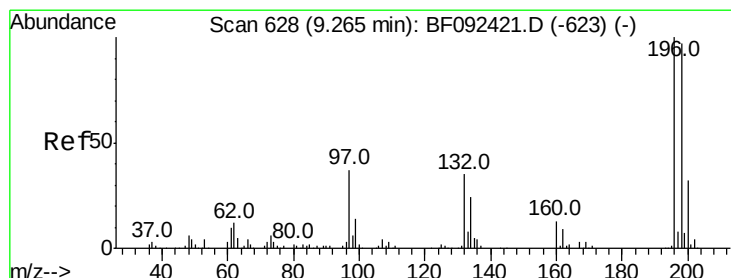
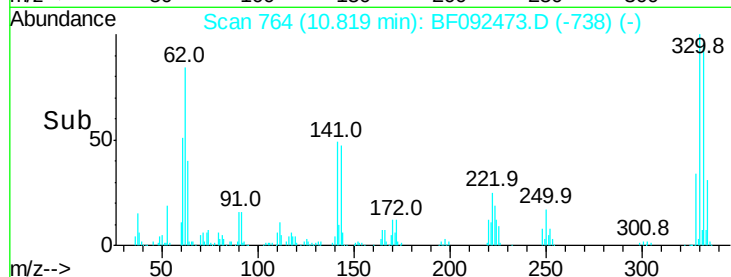
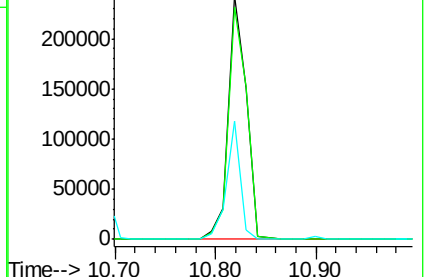
141 37.7 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 44.31 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

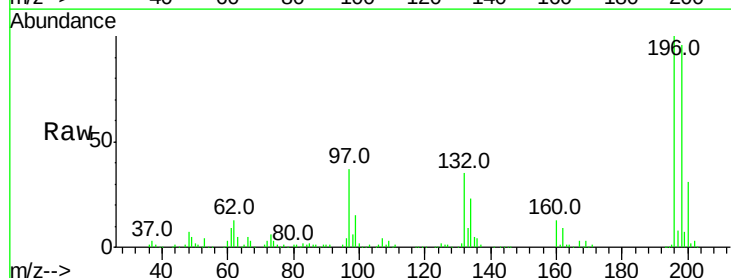
Tgt Ion:196 Resp: 351368

Ion Ratio Lower Upper

196 100

198 96.3 82.1 123.1

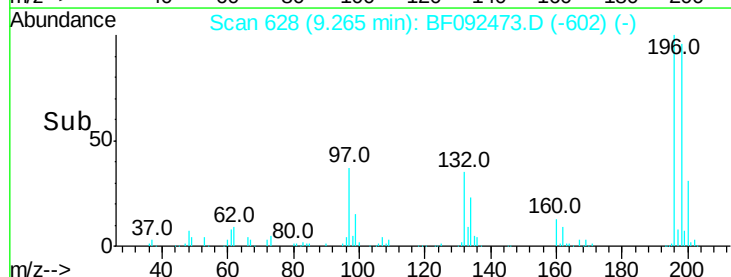
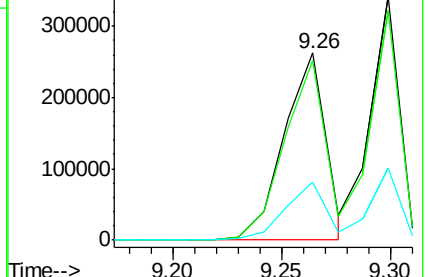
200 31.1 27.0 40.4

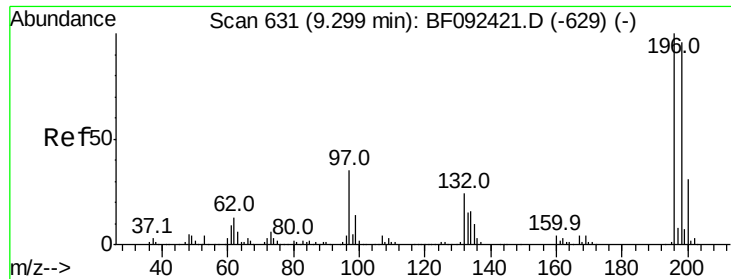


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

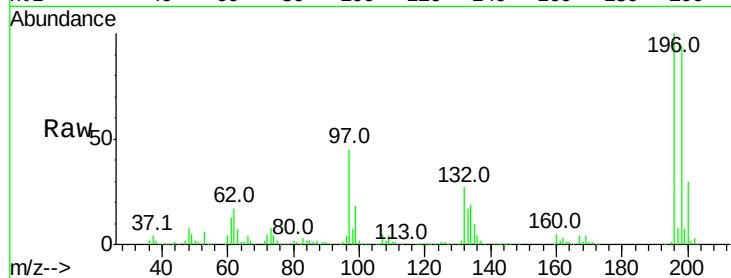




#43
 2,4,5-Trichlorophenol
 Concen: 43.86 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	79.4	119.2
97	45.3	51.5	77.3#
132	27.5	27.4	41.2



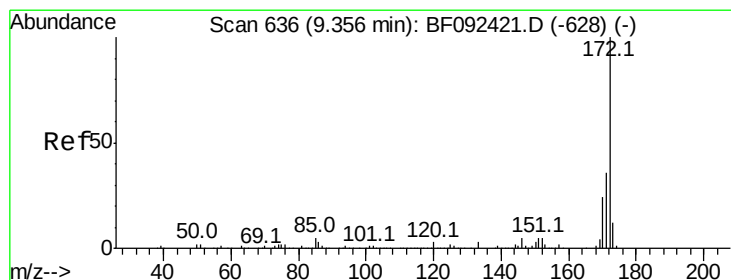
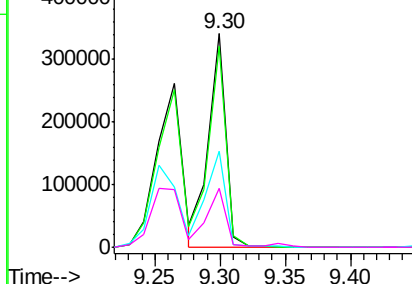
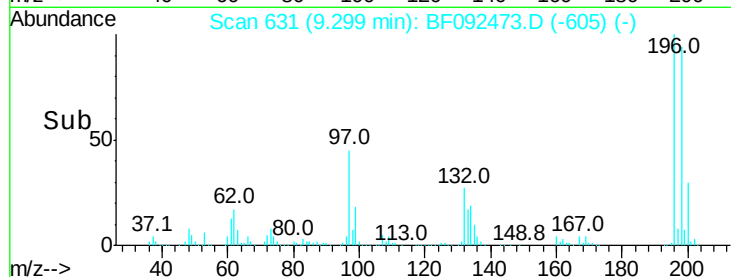
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

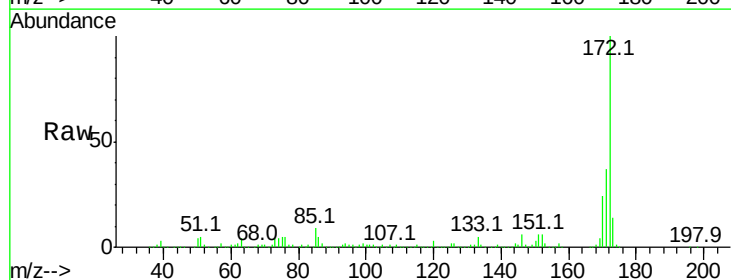
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.16 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.3	20.2	30.4

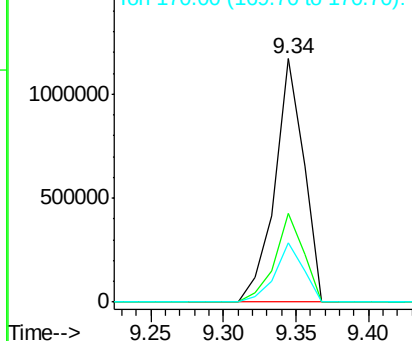
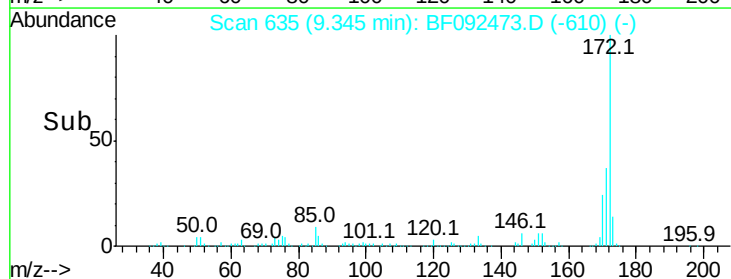


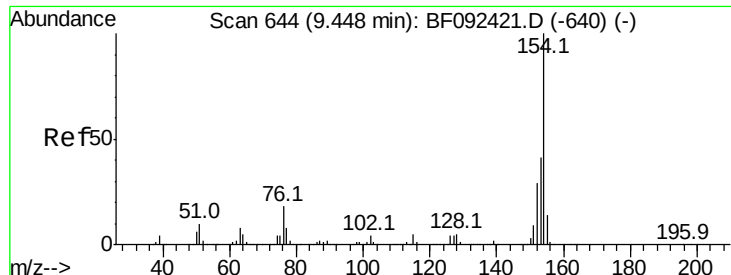
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

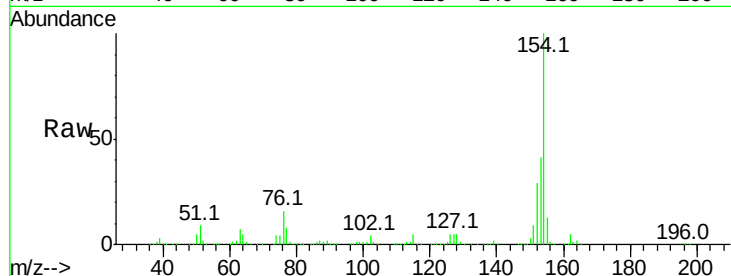




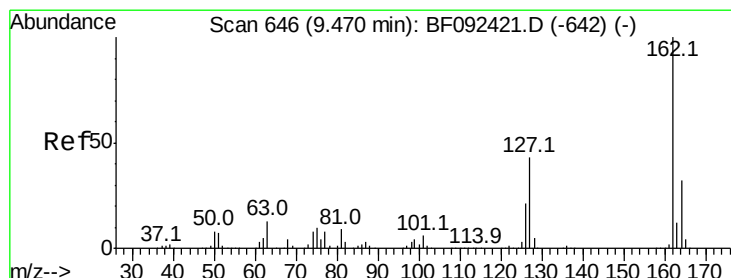
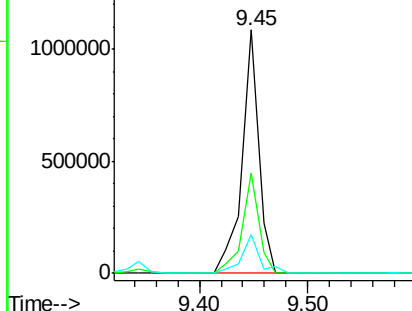
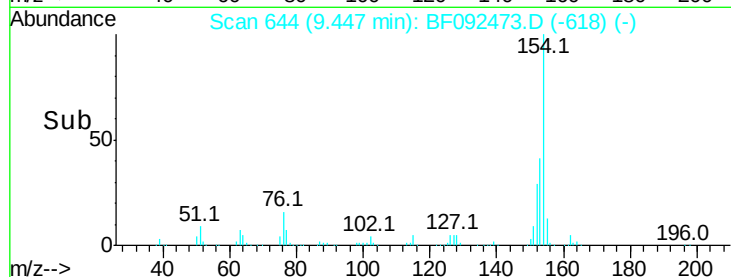
#45
 1,1'-Biphenyl
 Concen: 38.65 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

Tot Ion:	154	Resp:	1146256
Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	16.2	0.0	30.5

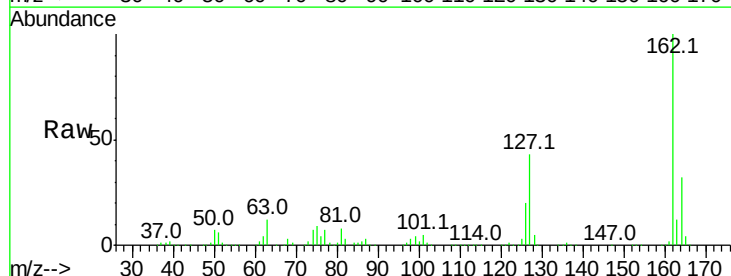


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

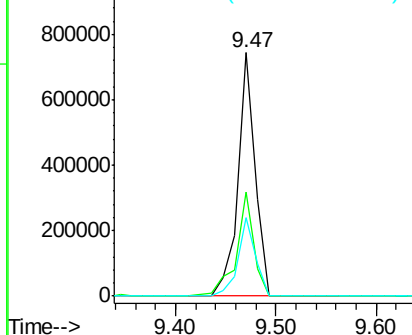
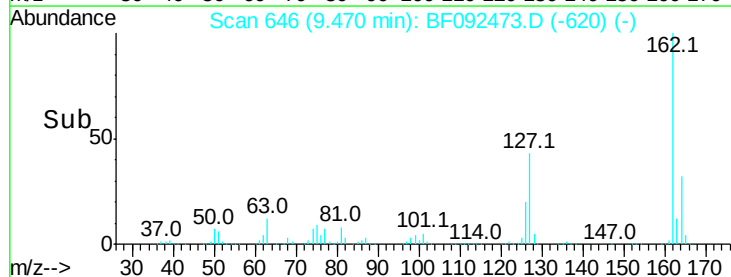


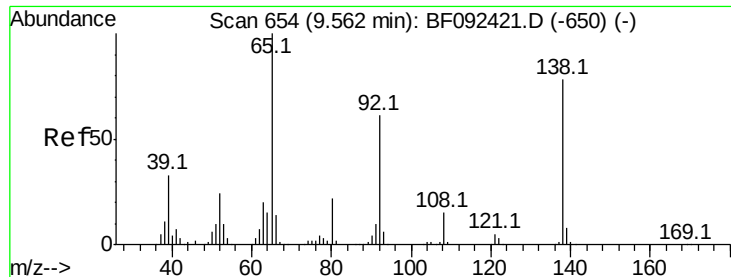
#46
 2-Chloronaphthalene
 Concen: 36.38 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Tgt Ion:	162	Resp:	881291
Ion	Ratio	Lower	Upper
162	100		
127	42.8	30.7	46.1
164	32.4	27.6	41.4



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





#47

2-Nitroaniline

Concen: 37.14 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

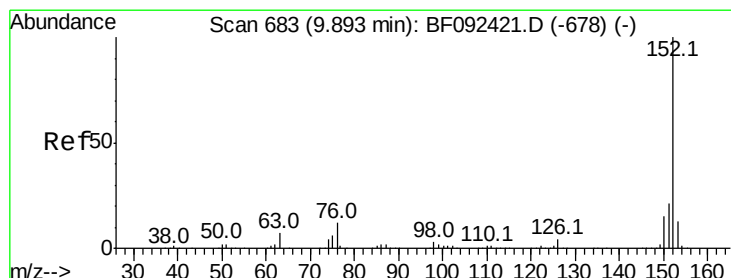
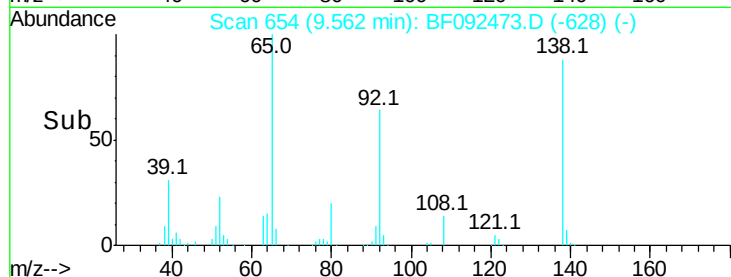
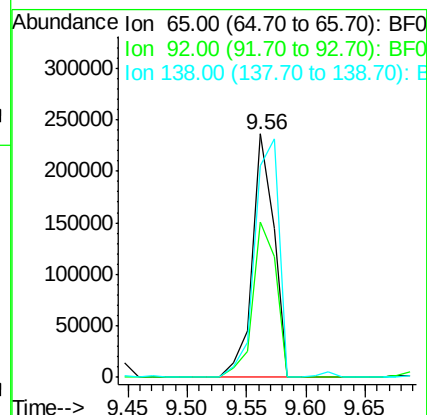
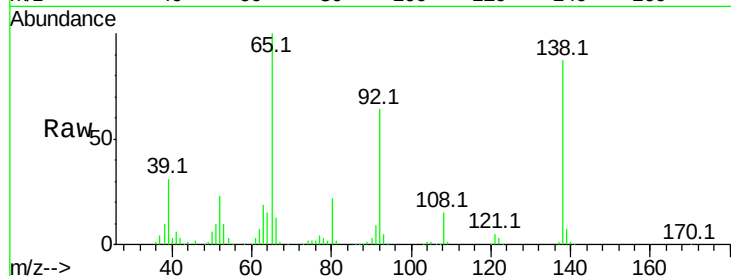
Tot Ion: 65 Resp: 303008

Ion Ratio Lower Upper

65 100

92 63.5 53.9 80.9

138 87.0 76.8 115.2



#48

Acenaphthylene

Concen: 42.39 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

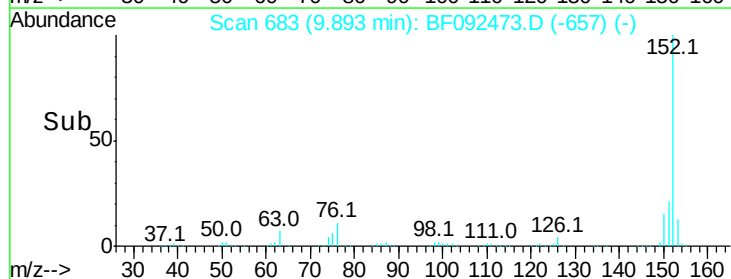
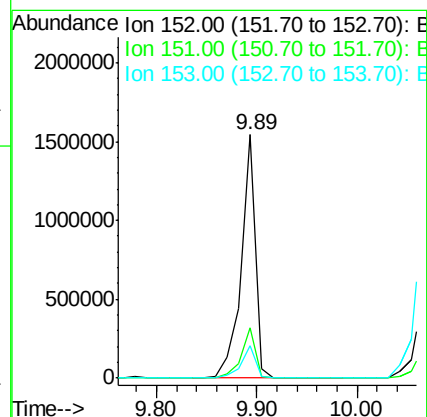
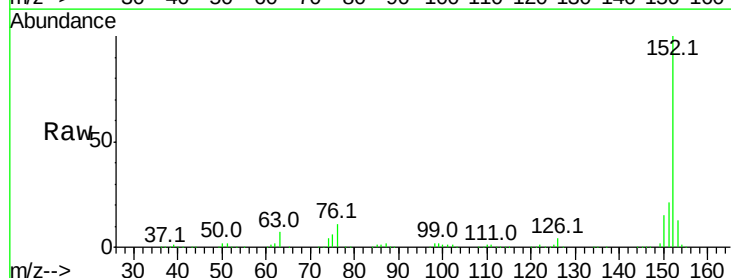
Tgt Ion:152 Resp: 1506286

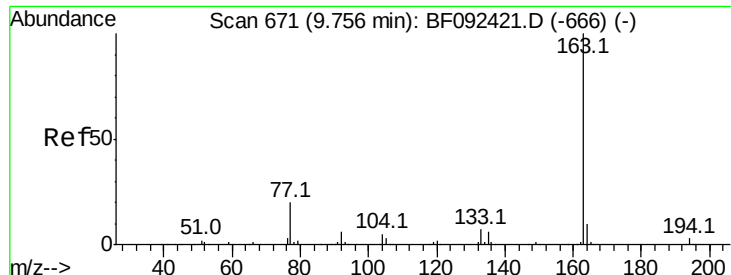
Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 13.3 11.4 17.2

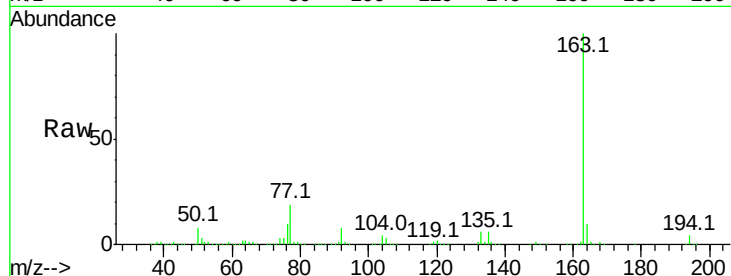




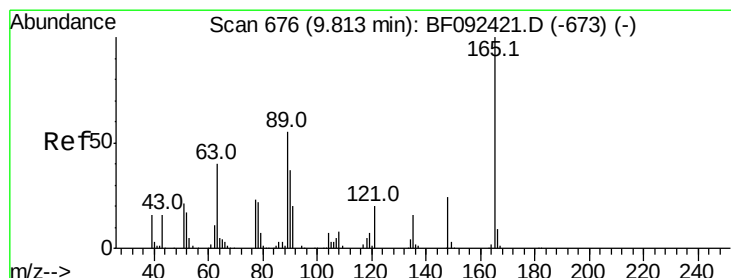
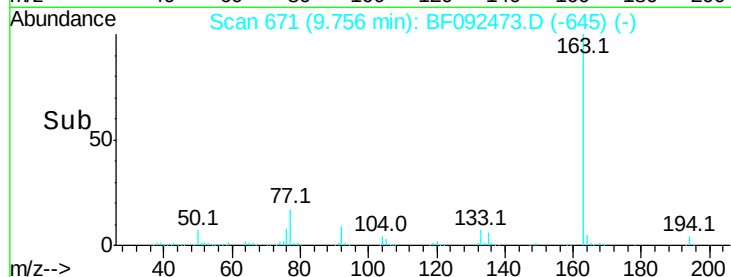
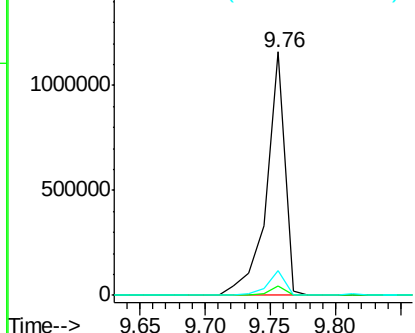
#49
Dimethylphthalate
Concen: 43.77 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Instrument :
BNA_F
ClientSampleId :
PB96140BS

Tot Ion:163 Resp: 1142126
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.0 8.0 12.0

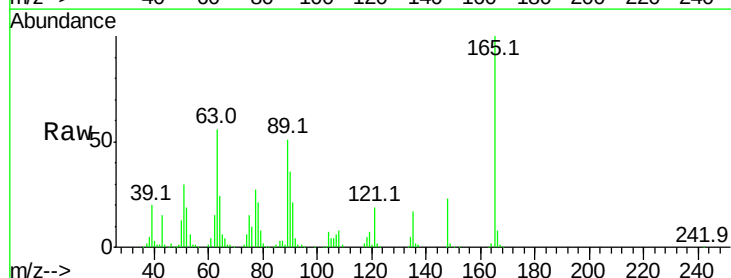


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

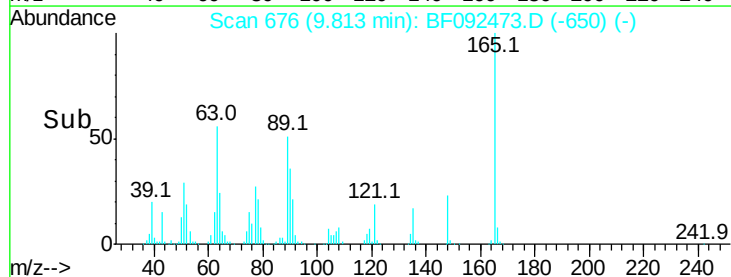
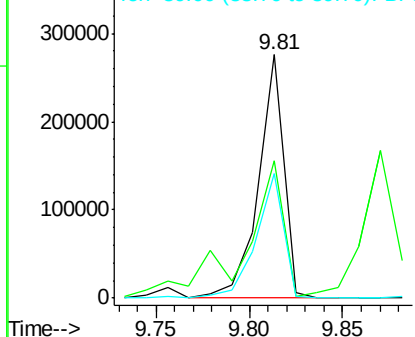


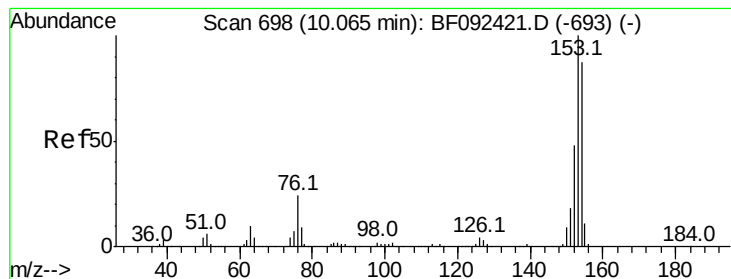
#50
2,6-Dinitrotoluene
Concen: 48.30 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:165 Resp: 257580
Ion Ratio Lower Upper
165 100
63 56.4 36.2 54.4#
89 51.3 40.2 60.4



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





#51

Acenaphthene

Concen: 45.21 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

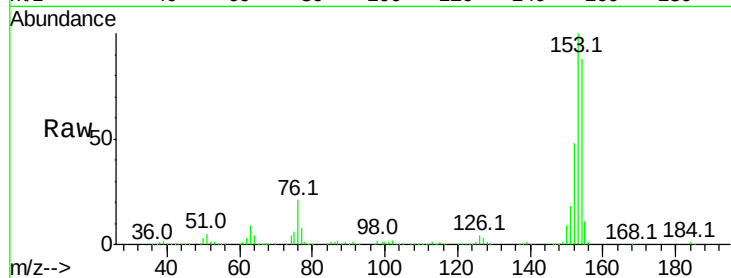
Tot Ion:154 Resp: 998149

Ion Ratio Lower Upper

154 100

153 113.2 88.6 133.0

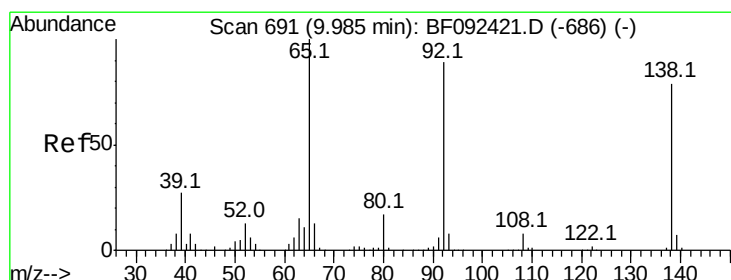
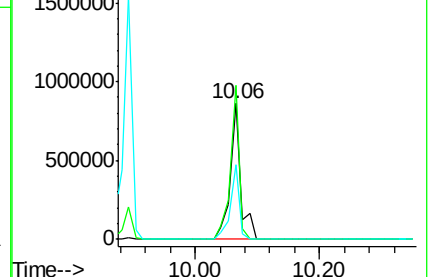
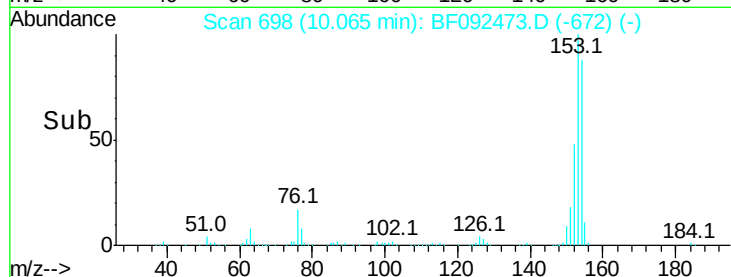
152 54.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.83 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

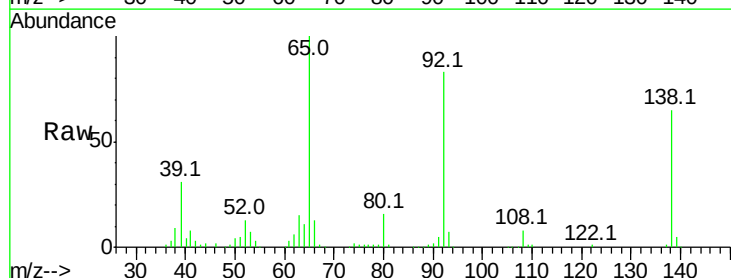
Tgt Ion:138 Resp: 99032

Ion Ratio Lower Upper

138 100

108 11.8 8.5 12.7

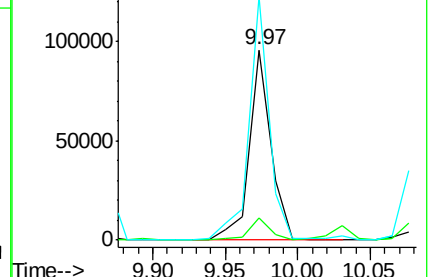
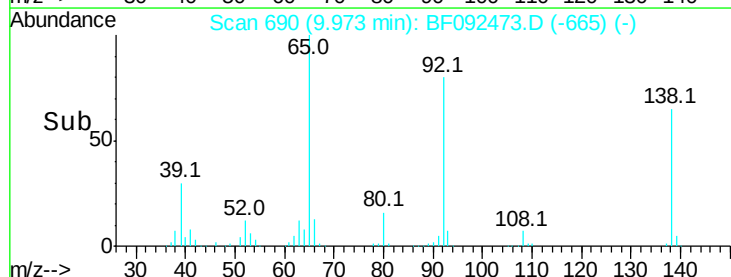
92 127.9 97.8 146.8

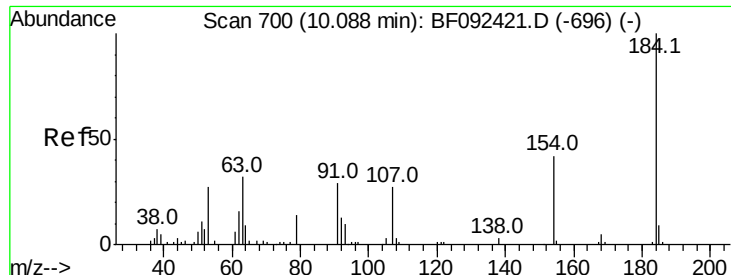


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

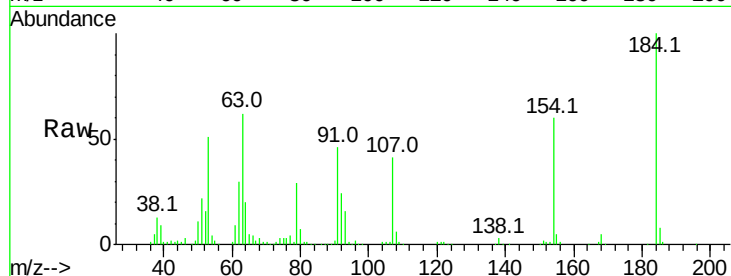




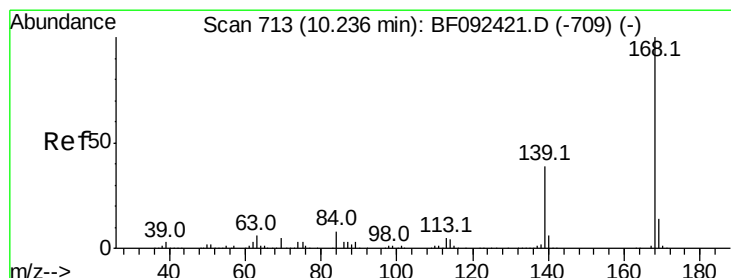
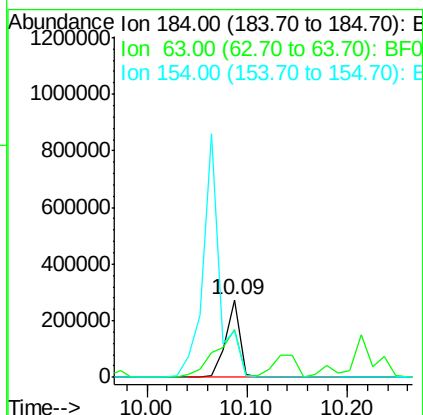
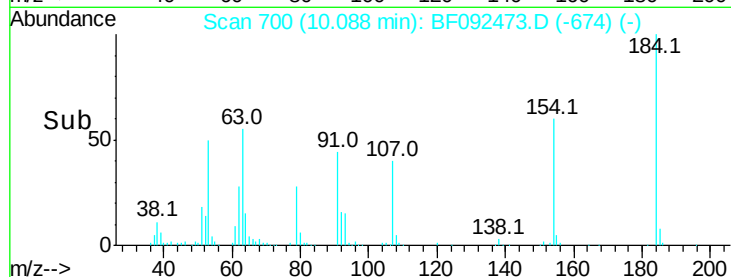
#53
2,4-Dinitrophenol
Concen: 77.37 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Instrument :
BNA_F
ClientSampleId :
PB96140BS

Tot Ion:184 Resp: 268622
Ion Ratio Lower Upper
184 100
63 61.7 28.4 42.6#
154 59.6 44.3 66.5

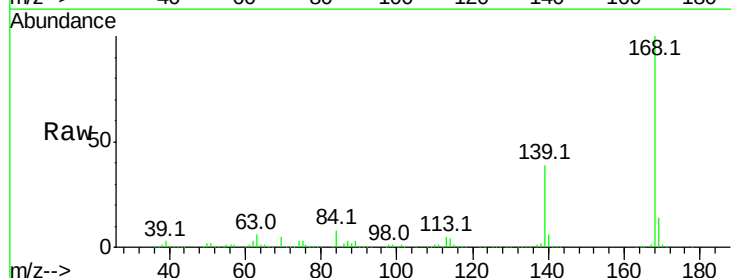


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

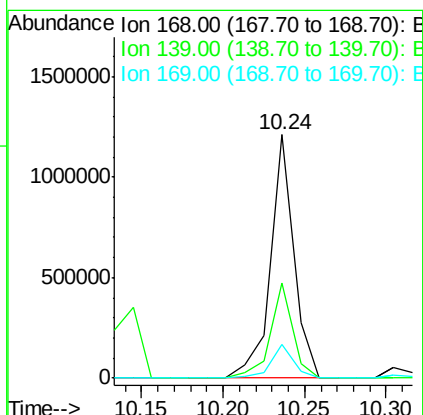
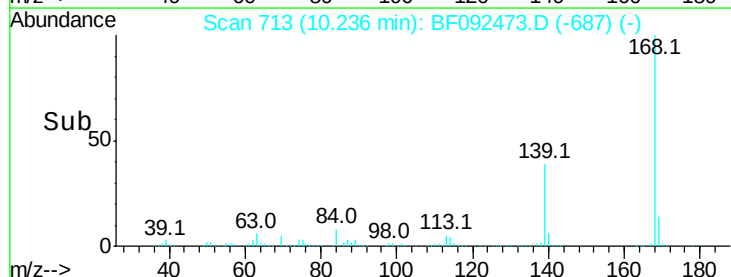


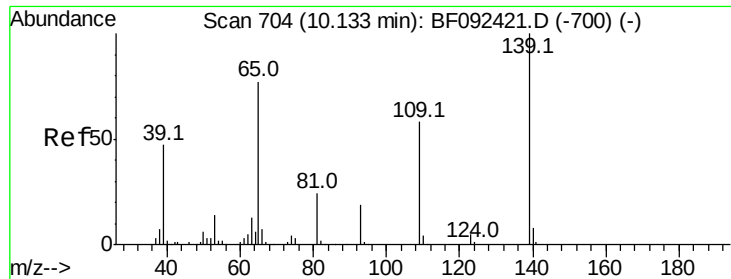
#54
Dibenzofuran
Concen: 40.56 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:168 Resp: 1216046
Ion Ratio Lower Upper
168 100
139 38.9 32.6 49.0
169 13.6 11.3 16.9



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

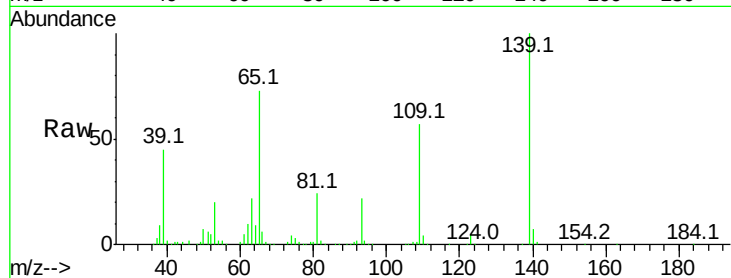




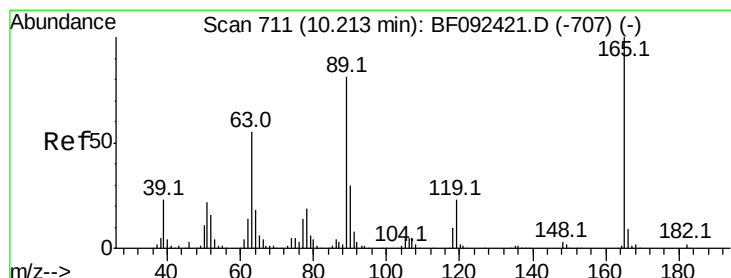
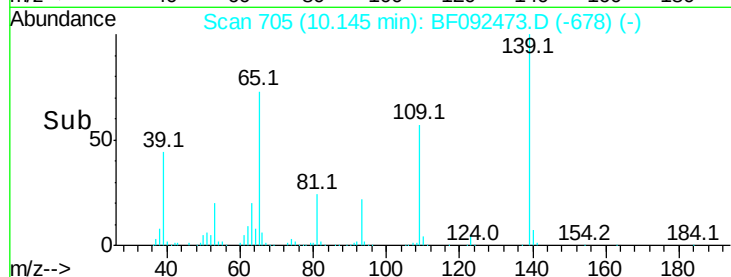
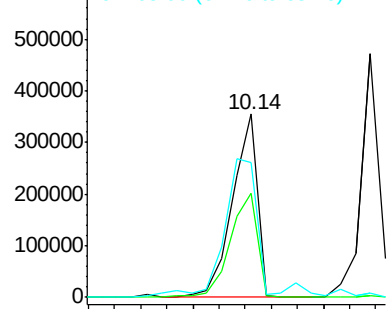
#55
4-Nitrophenol
Concen: 88.79 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Instrument :
BNA_F
ClientSampleId :
PB96140BS

Tot Ion:139 Resp: 470974
Ion Ratio Lower Upper
139 100
109 57.1 52.2 92.2
65 73.5 85.8 125.8#

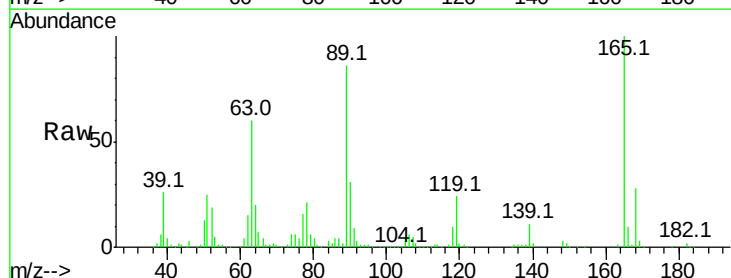


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

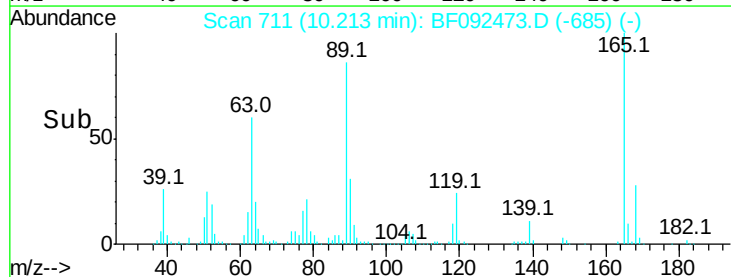
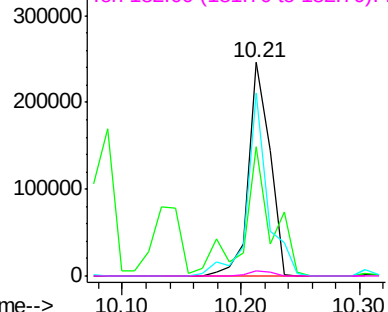


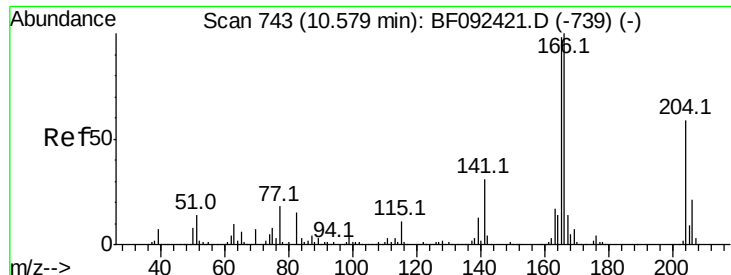
#56
2,4-Dinitrotoluene
Concen: 43.09 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:165 Resp: 305058
Ion Ratio Lower Upper
165 100
63 60.5 40.2 60.4#
89 85.7 62.5 93.7
182 2.2 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

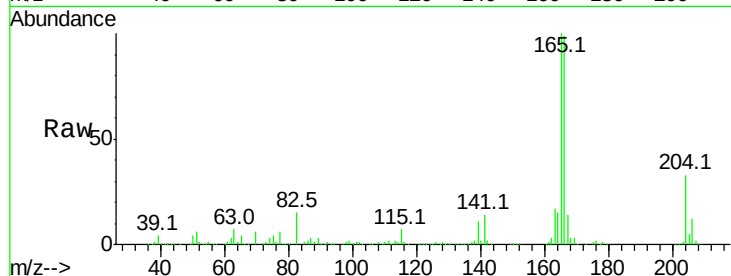




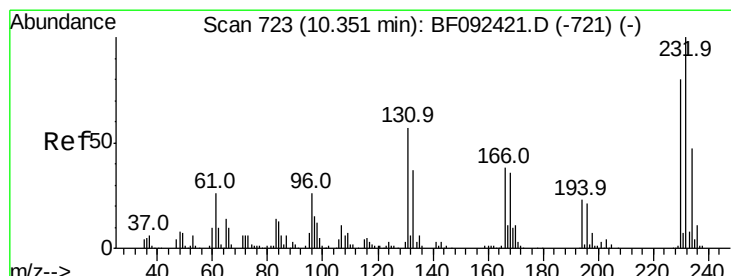
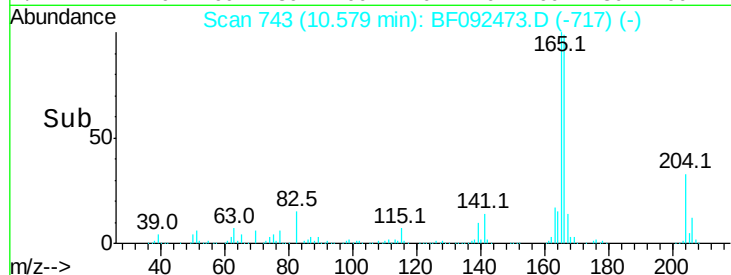
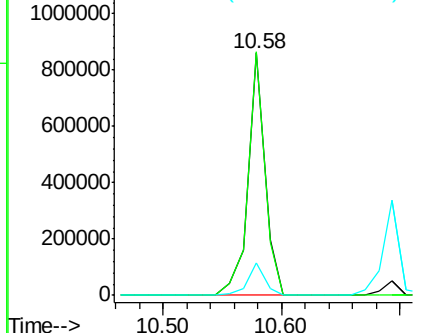
#57
Fluorene
 Concen: 39.00 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

Tot Ion:166 Resp: 867022
 Ion Ratio Lower Upper
 166 100
 165 100.7 77.8 116.8
 167 13.6 10.8 16.2

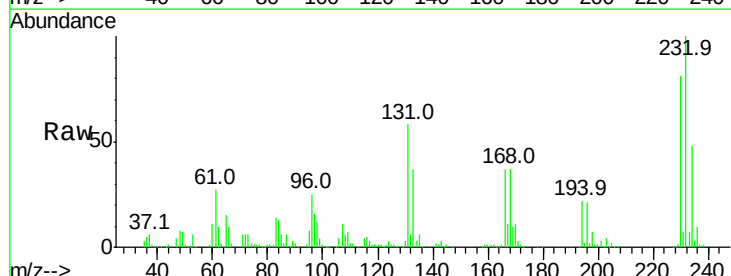


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

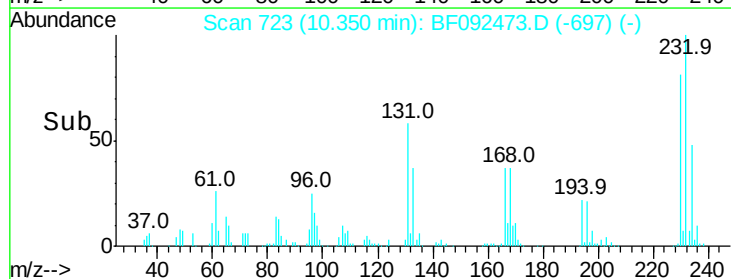
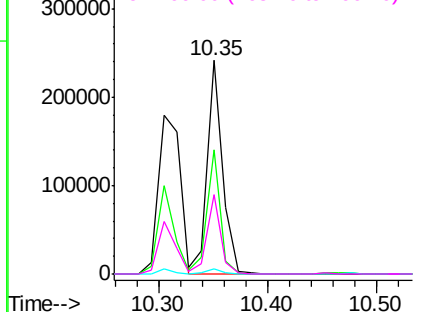


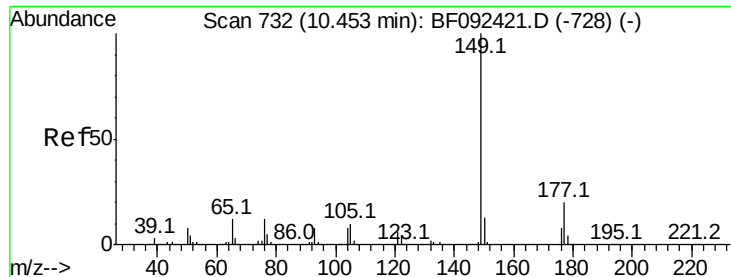
#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.14 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Tgt Ion:232 Resp: 239971
 Ion Ratio Lower Upper
 232 100
 131 49.9 40.1 60.1
 130 2.4 1.8 2.8
 166 33.2 26.6 39.8



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

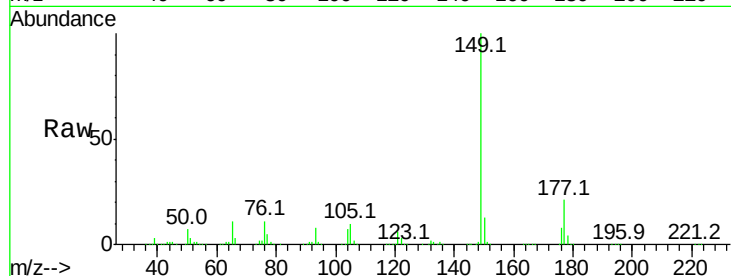




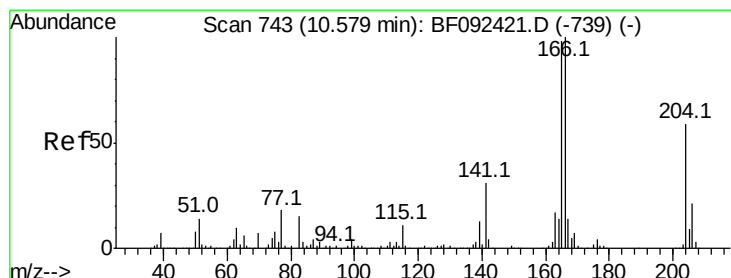
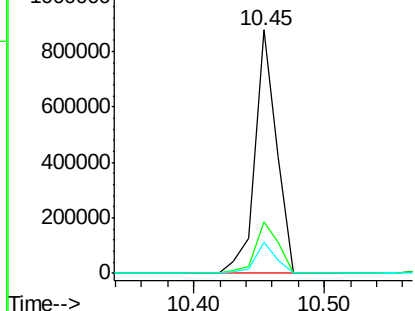
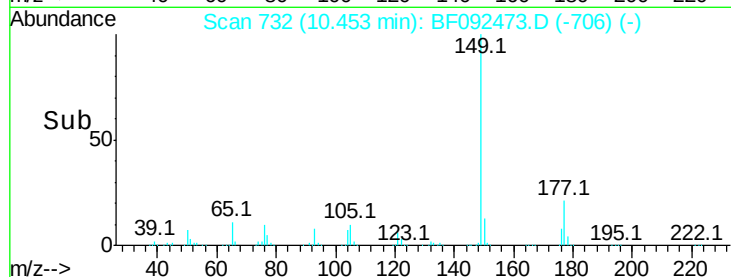
#59
Diethylphthalate
Concen: 40.39 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Instrument :
BNA_F
ClientSampleId :
PB96140BS

Tot Ion:149 Resp: 1010570
Ion Ratio Lower Upper
149 100
177 21.1 16.6 25.0
150 13.0 10.4 15.6

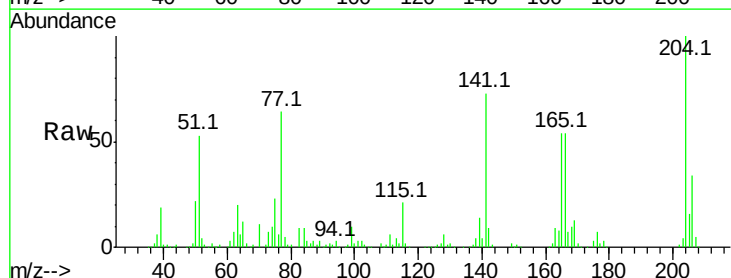


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

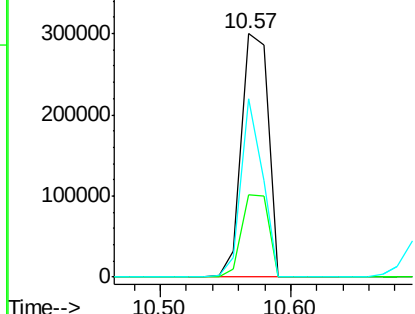
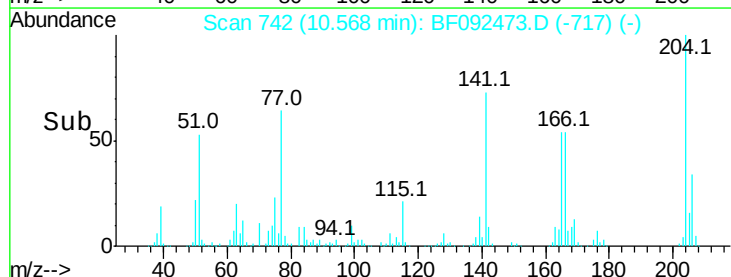


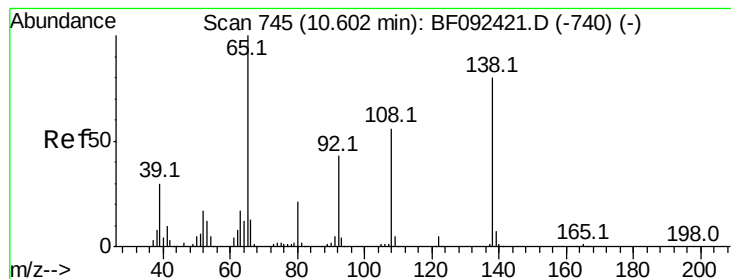
#60
4-Chlorophenyl-phenylether
Concen: 39.53 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:204 Resp: 426176
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 73.0 59.4 89.0



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





#61

4-Nitroaniline

Concen: 39.91 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

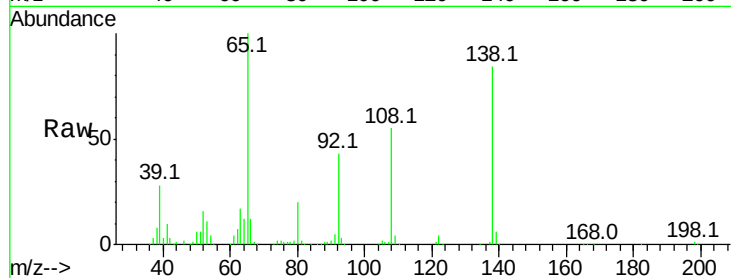
Tot Ion:138 Resp: 266600

Ion Ratio Lower Upper

138 100

92 51.5 31.7 71.7

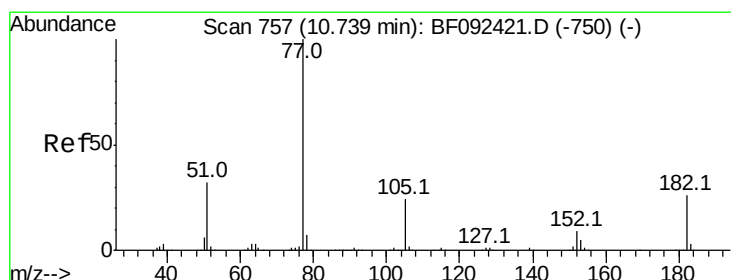
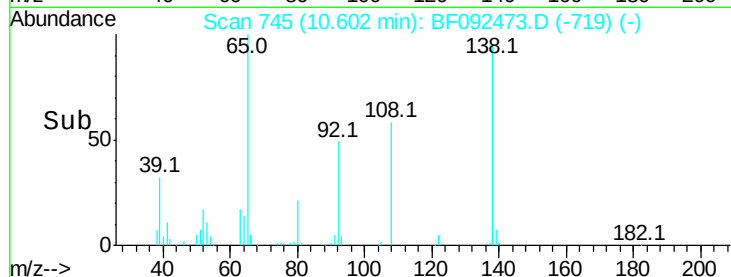
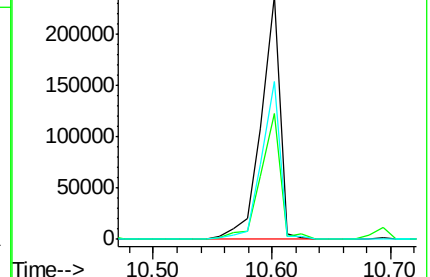
108 65.0 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.93 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Tgt Ion: 77 Resp: 1222306

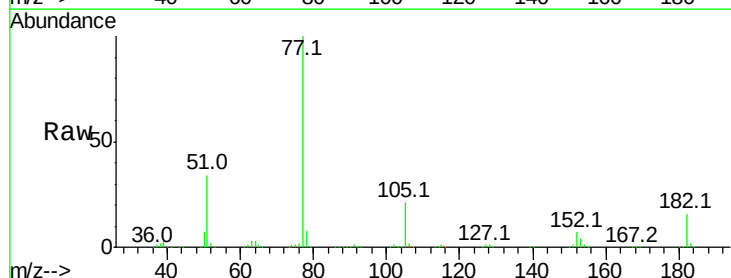
Ion Ratio Lower Upper

77 100

182 15.9 0.0 39.3

105 21.4 2.3 42.3

51 34.2 8.9 48.9

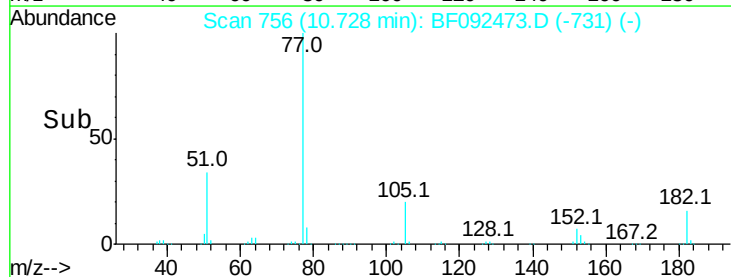
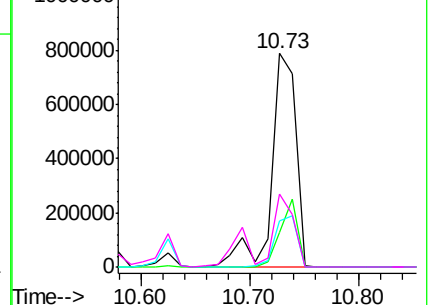


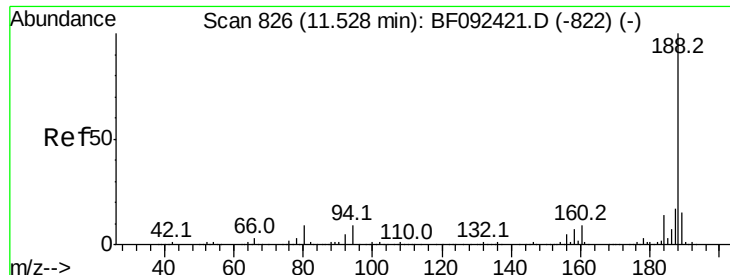
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

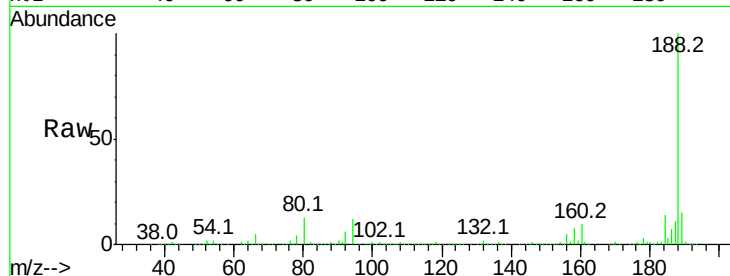




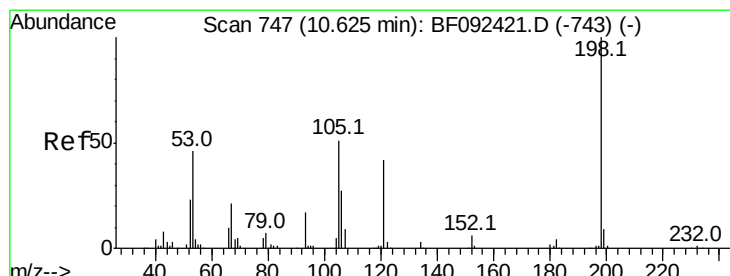
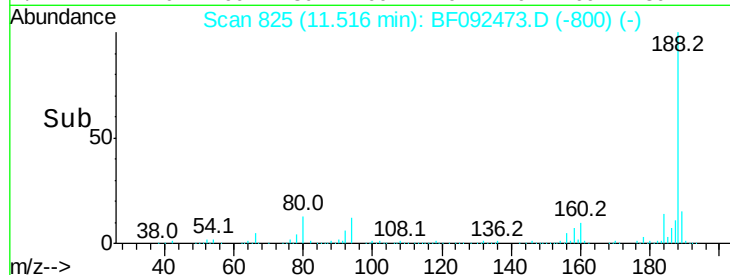
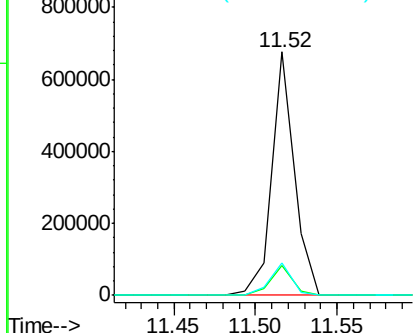
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Instrument :
BNA_F
ClientSampleId :
PB96140BS

Tot Ion:188 Resp: 653575
Ion Ratio Lower Upper
188 100
94 12.0 10.0 15.0
80 13.1 11.2 16.8

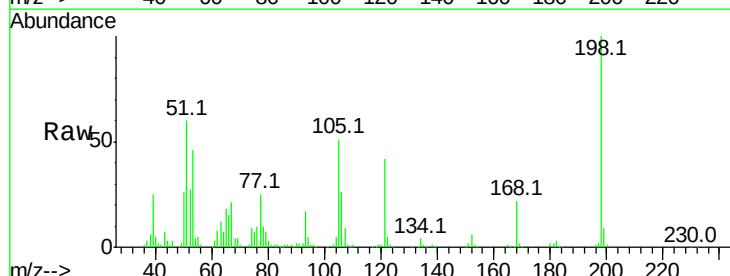


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

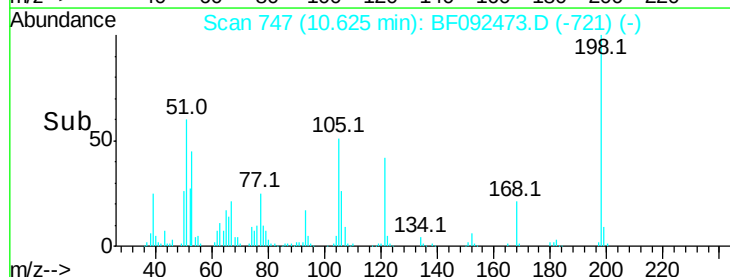
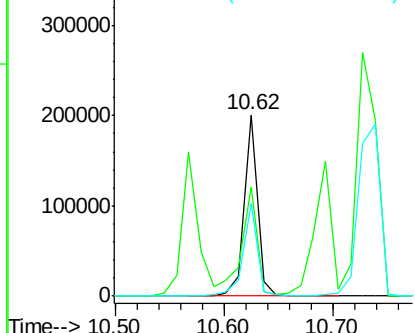


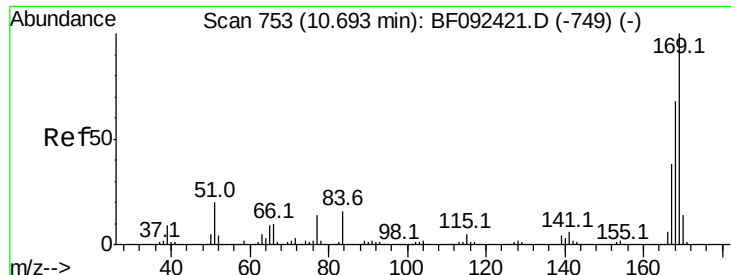
#64
4,6-Dinitro-2-methylphenol
Concen: 47.98 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:198 Resp: 168978
Ion Ratio Lower Upper
198 100
51 60.3 6.7 46.7#
105 50.8 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

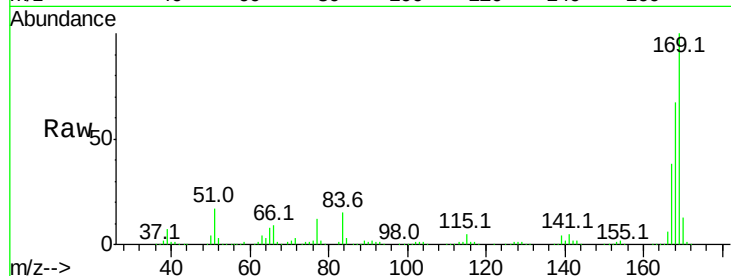




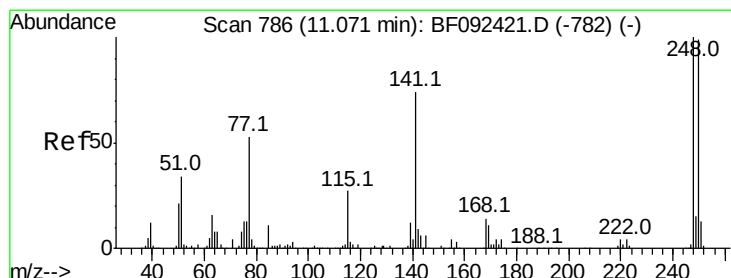
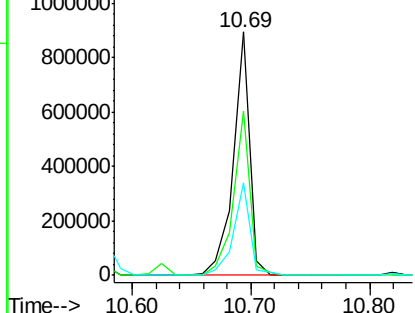
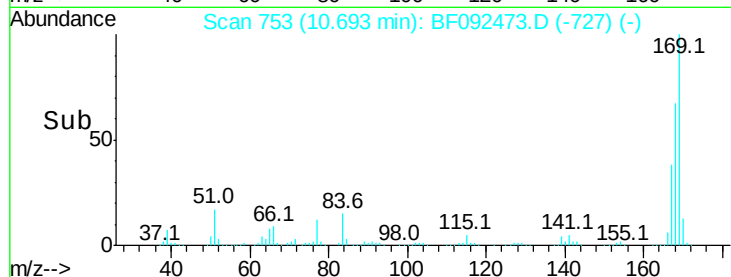
#65
n-Nitrosodiphenylamine
Concen: 41.83 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Instrument :
BNA_F
ClientSampleId :
PB96140BS

Tot Ion:169 Resp: 853826
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.2
167 38.0 30.2 45.4

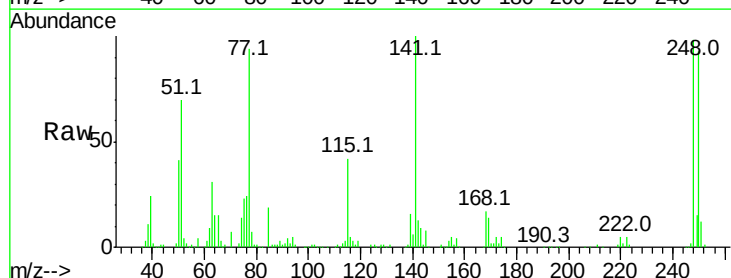


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

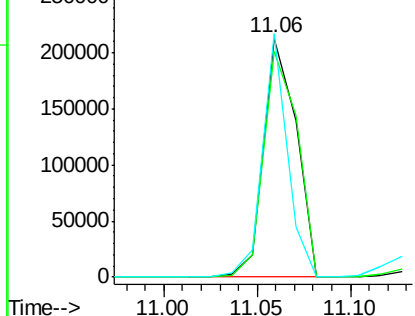
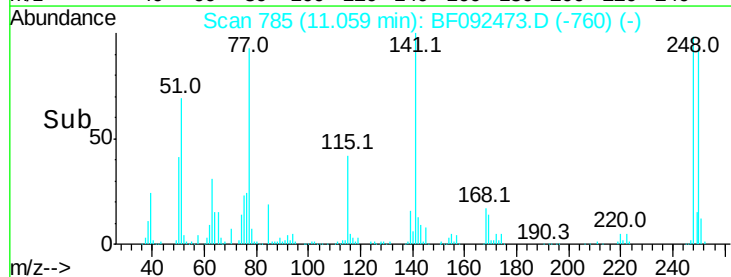


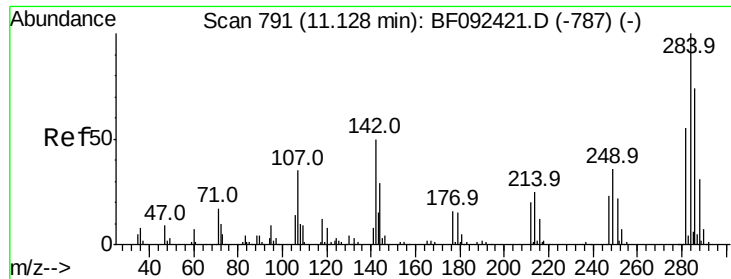
#66
4-Bromophenyl-phenylether
Concen: 39.07 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:248 Resp: 257813
Ion Ratio Lower Upper
248 100
250 94.6 76.9 115.3
141 102.1 68.2 102.4



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





#67

Hexachlorobenzene

Concen: 40.25 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

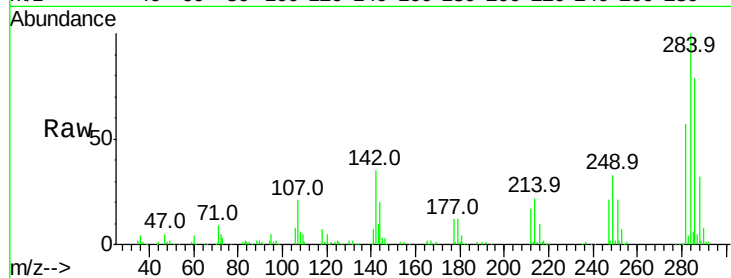
Tot Ion:284 Resp: 268513

Ion Ratio Lower Upper

284 100

142 35.2 22.6 33.8#

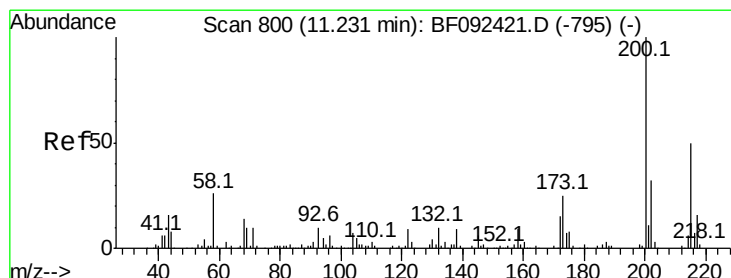
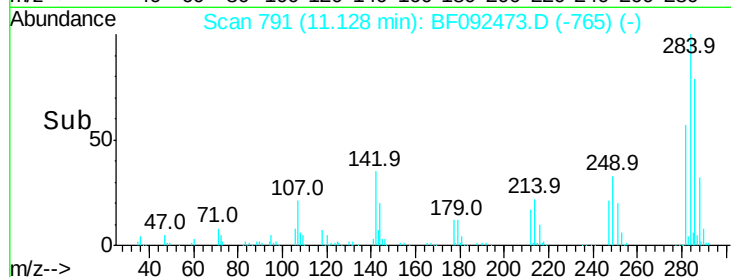
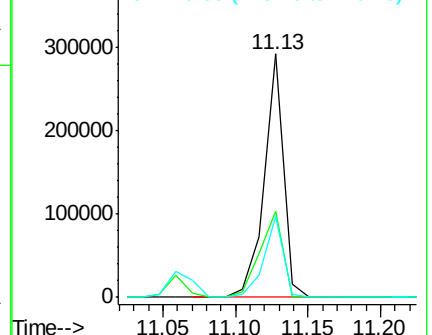
249 33.5 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.69 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

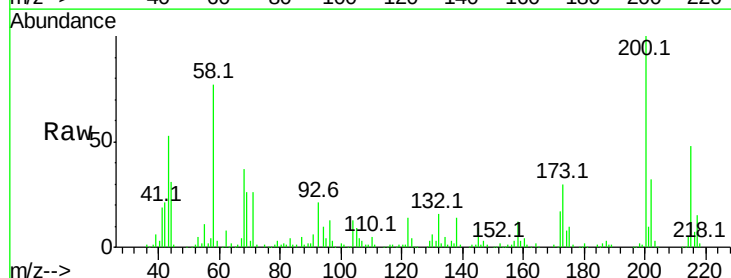
Tgt Ion:200 Resp: 249341

Ion Ratio Lower Upper

200 100

173 29.7 9.6 49.6

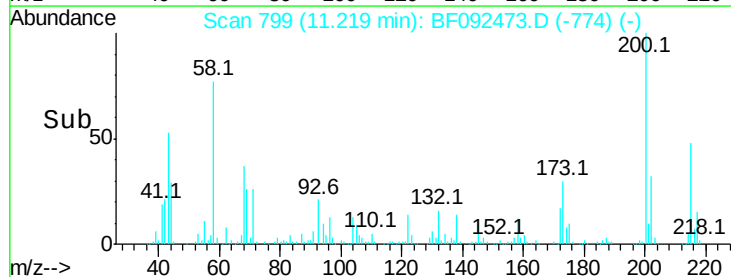
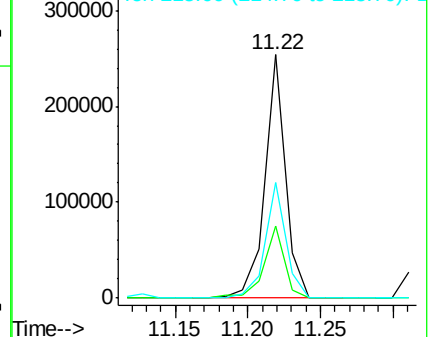
215 47.7 25.7 65.7

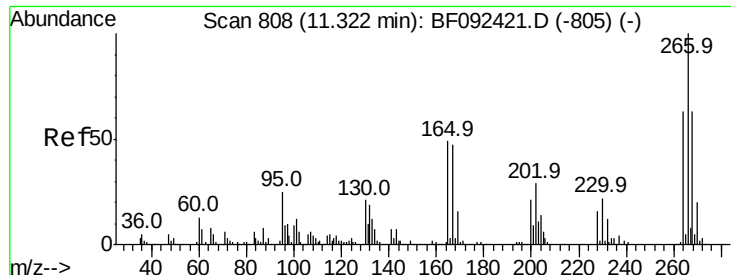


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

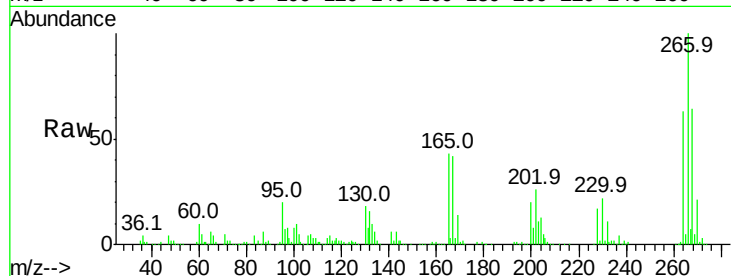




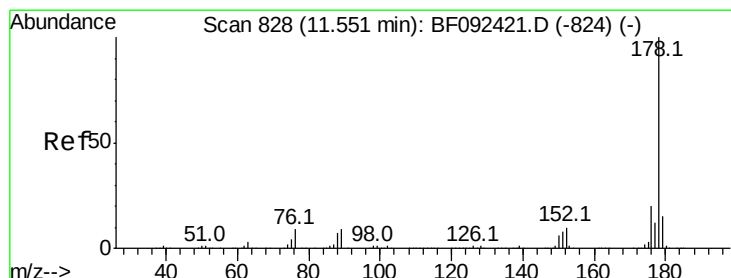
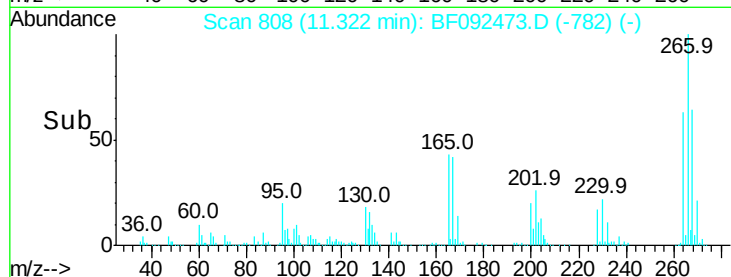
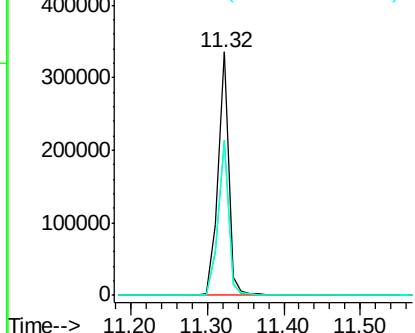
#69
 Pentachlorophenol
 Concen: 76.39 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	53.3	79.9
264	63.3	50.3	75.5

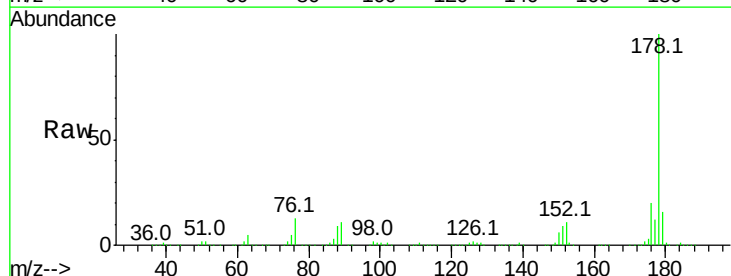


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

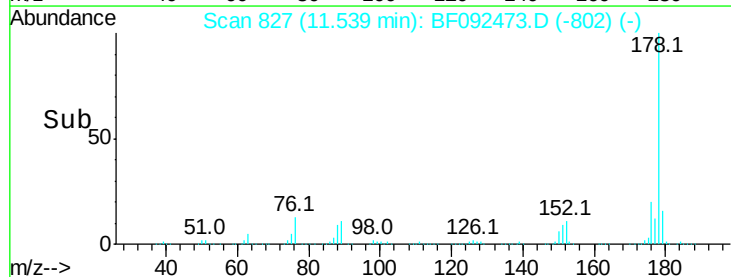
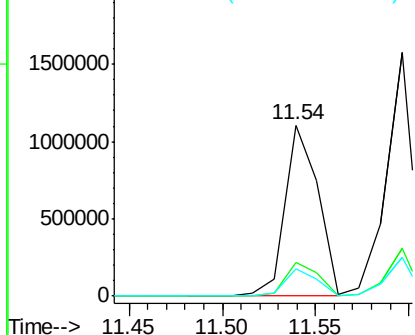


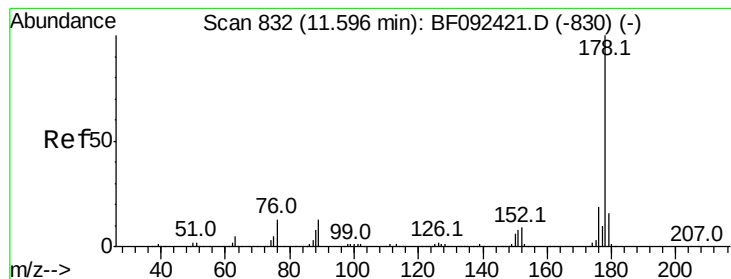
#70
 Phenanthrene
 Concen: 38.11 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.8	12.8	19.2



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: 42.31 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

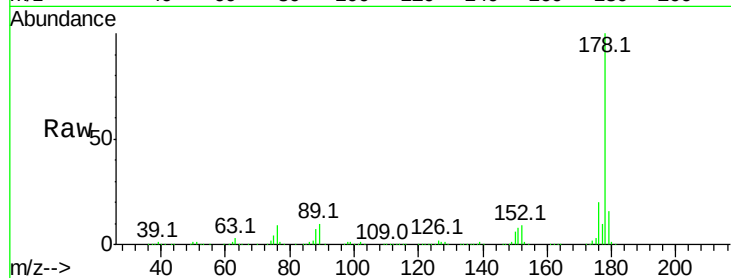
Tot Ion:178 Resp: 1488182

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

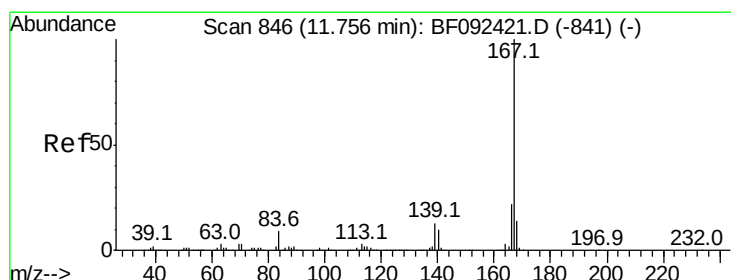
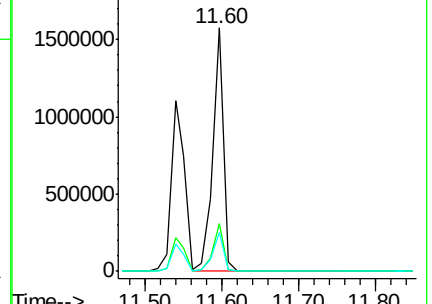
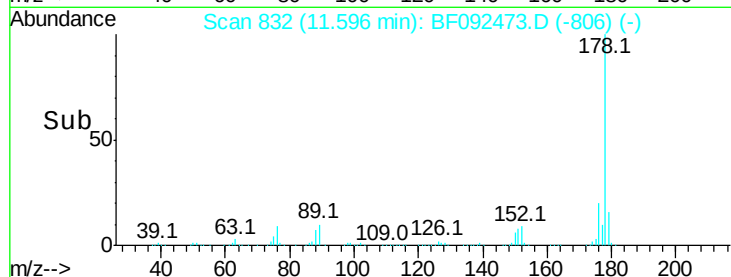
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.61 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

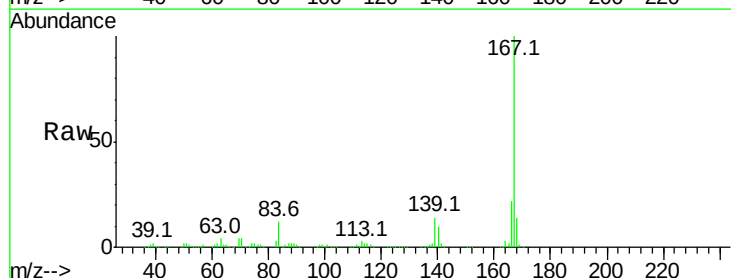
Tgt Ion:167 Resp: 1229601

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

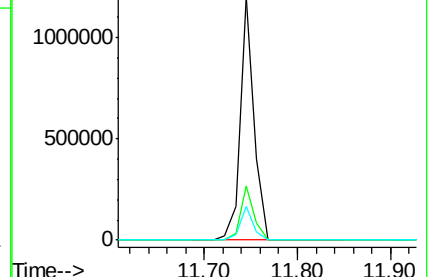
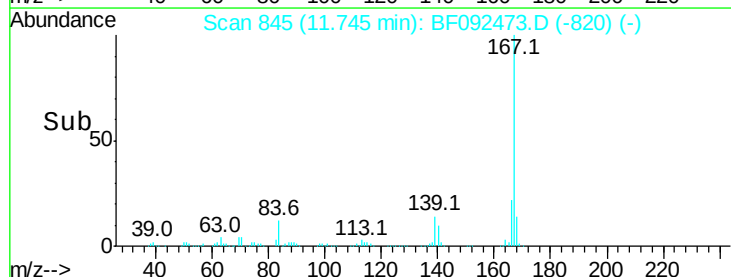
139 14.0 11.4 17.2

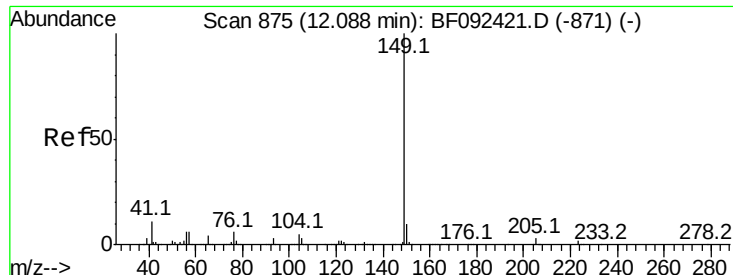


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.70 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

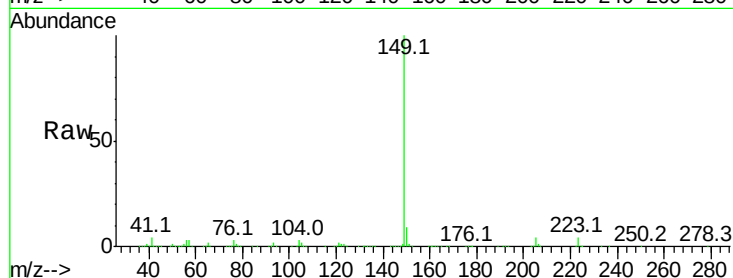
Tot Ion:149 Resp: 1678071

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

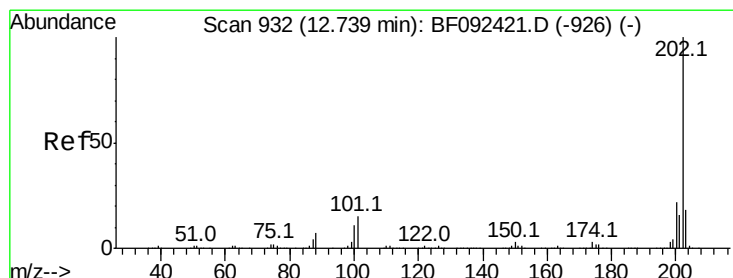
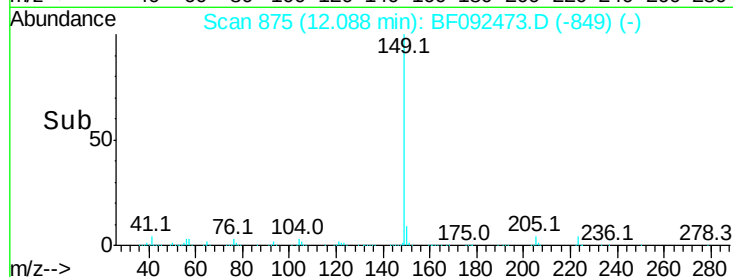
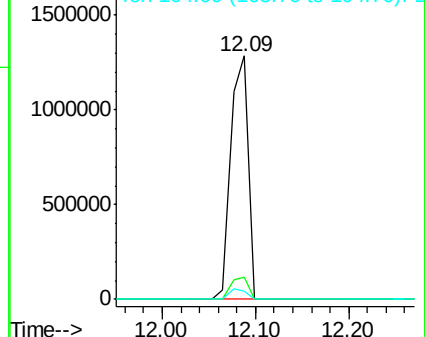
104 3.3 4.6 7.0#



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: 38.16 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

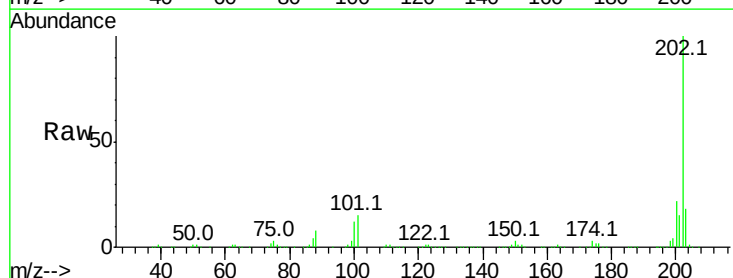
Tgt Ion:202 Resp: 1343360

Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.6

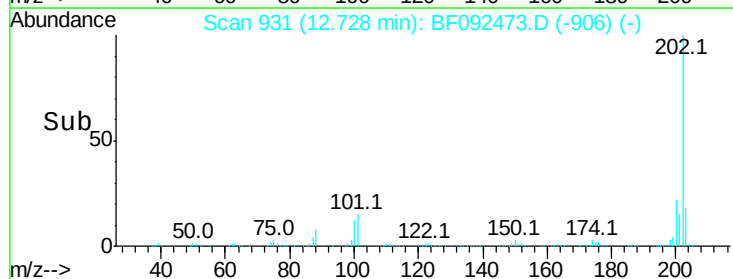
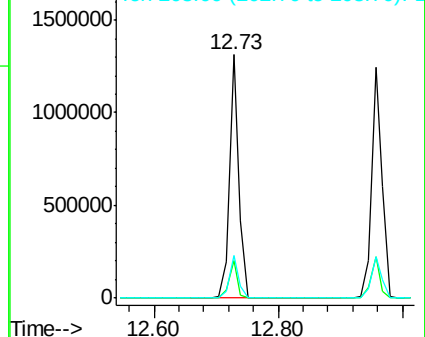
203 17.8 0.0 38.7

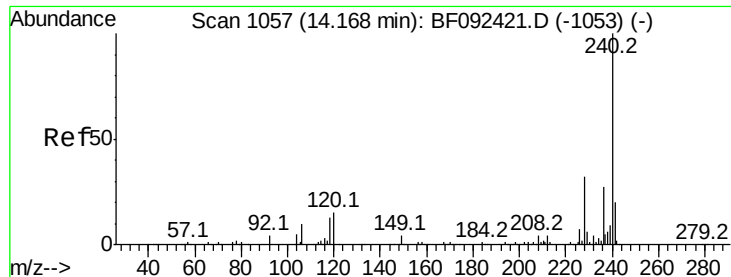


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

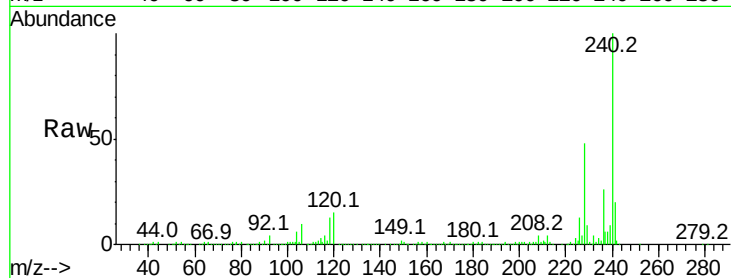
Tot Ion:240 Resp: 542626

Ion Ratio Lower Upper

240 100

120 14.8 12.9 19.3

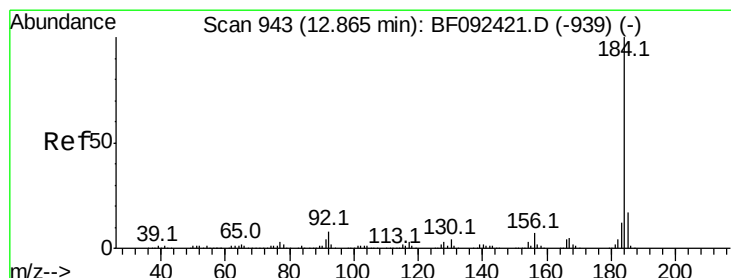
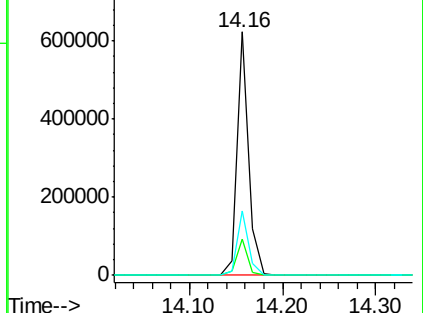
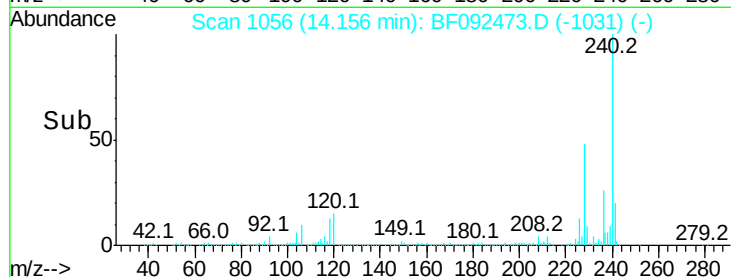
236 26.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.40 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

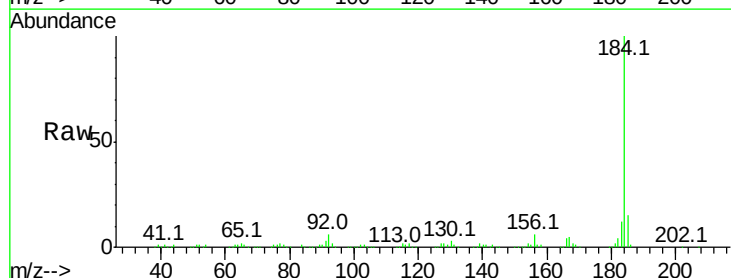
Tgt Ion:184 Resp: 431148

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.0

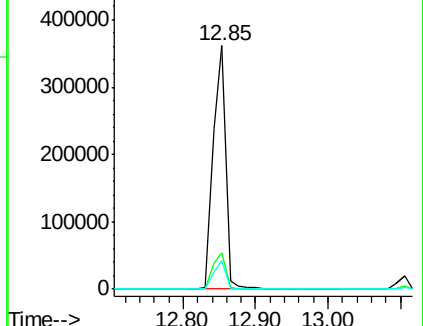
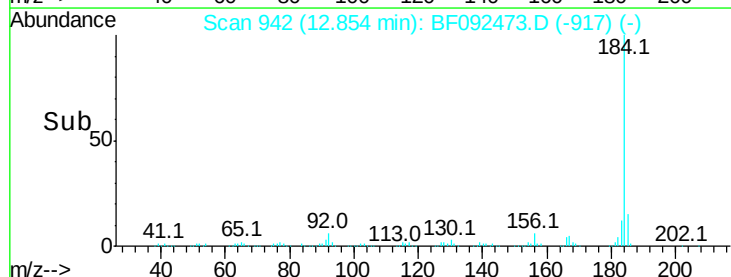
183 11.7 9.2 13.8

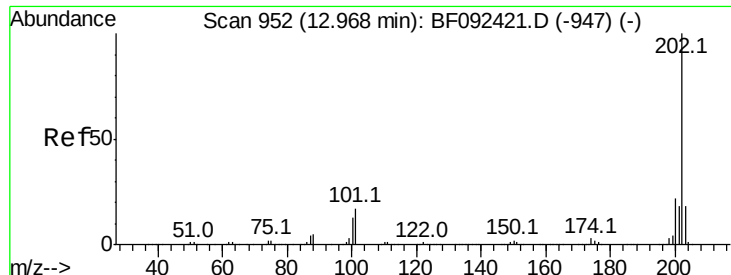


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

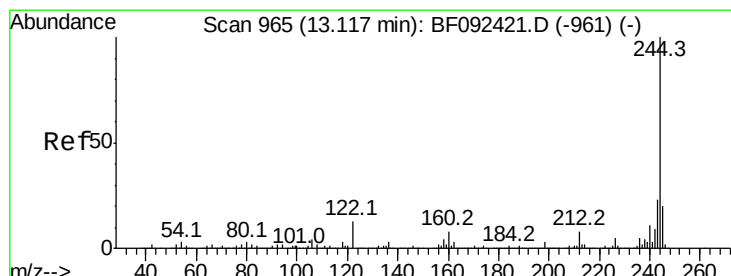
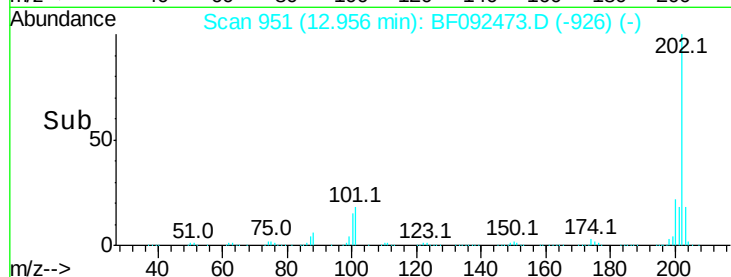
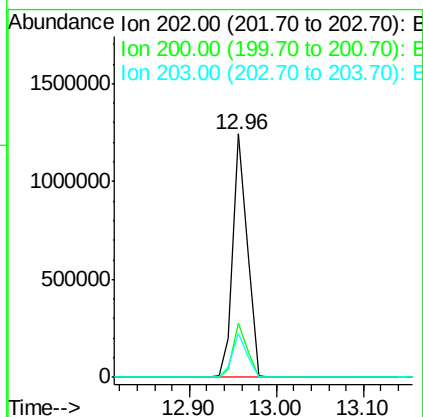
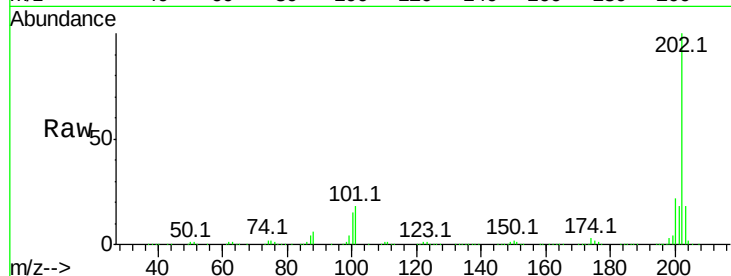




#77
Pvrene
Concen: 36.19 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

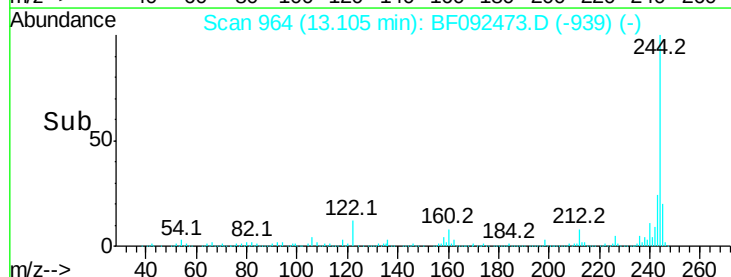
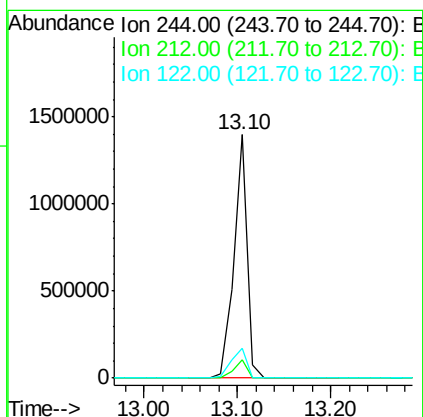
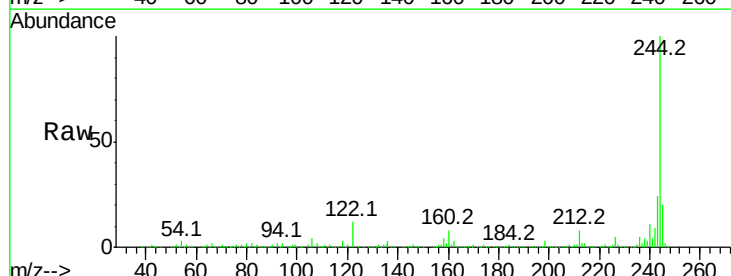
Instrument :
BNA_F
ClientSampleId :
PB96140BS

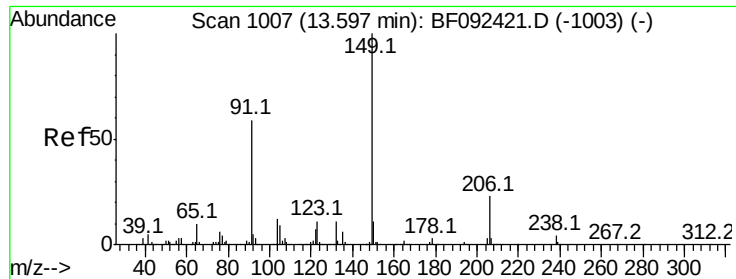
Tot Ion:202 Resp: 1422799
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.8 14.7 22.1



#78
Terphenyl-d14
Concen: 68.07 ng
RT: 13.10 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:244 Resp: 1387045
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 12.5 11.4 17.2

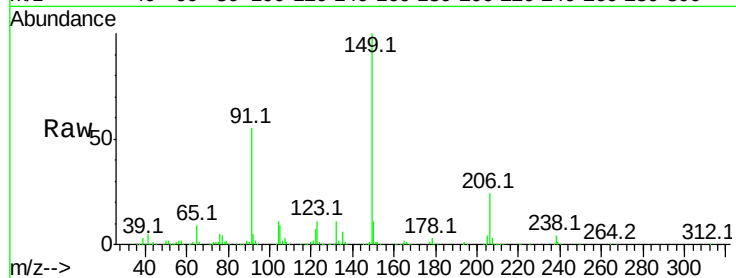




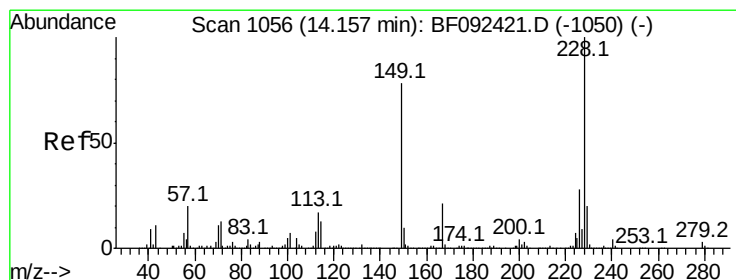
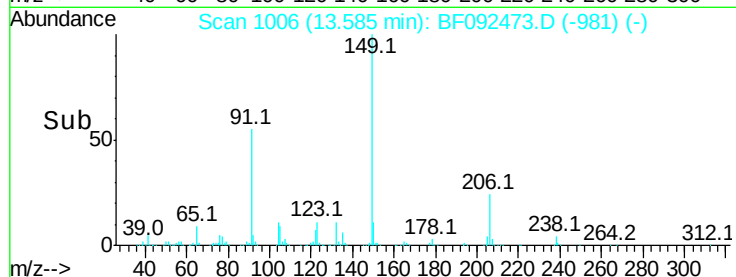
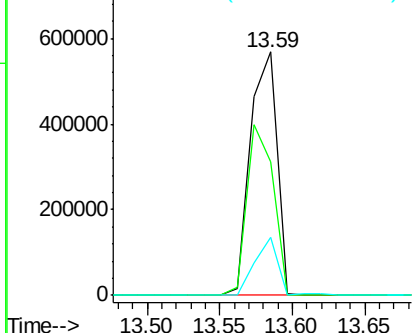
#79
Butylbenzylphthalate
Concen: 45.43 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Instrument :
BNA_F
ClientSampleId :
PB96140BS

Tot Ion:149 Resp: 723654
Ion Ratio Lower Upper
149 100
91 54.7 63.9 95.9#
206 23.7 14.6 21.8#

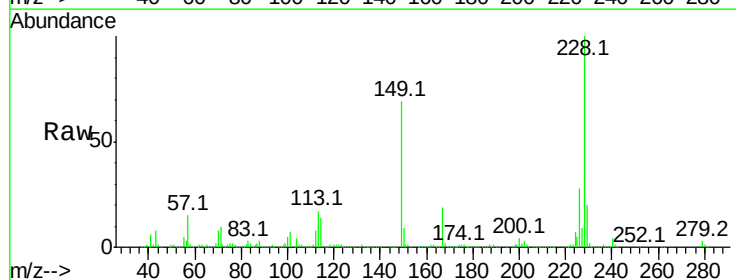


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

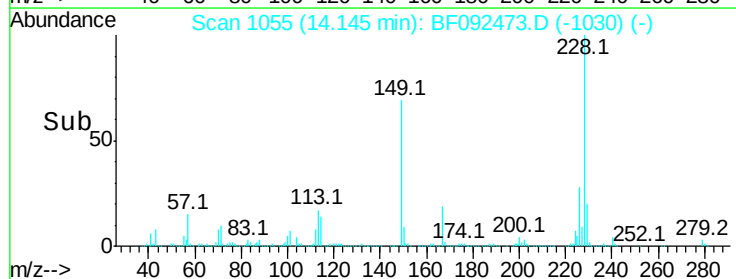
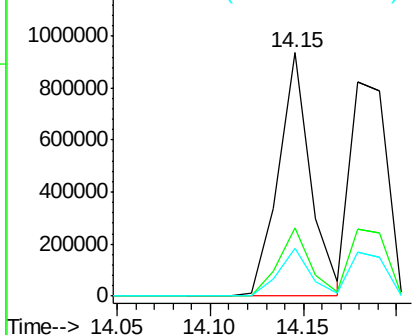


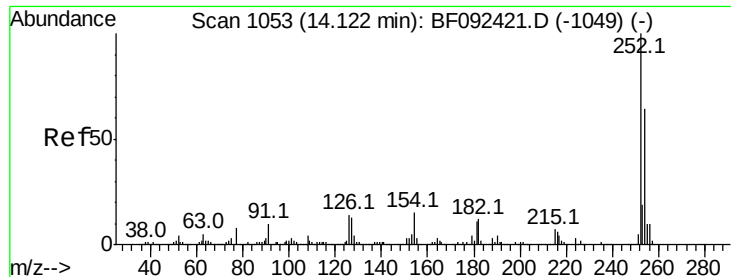
#80
Benzo(a)anthracene
Concen: 38.54 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:228 Resp: 1123968
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 19.8 16.2 24.4



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

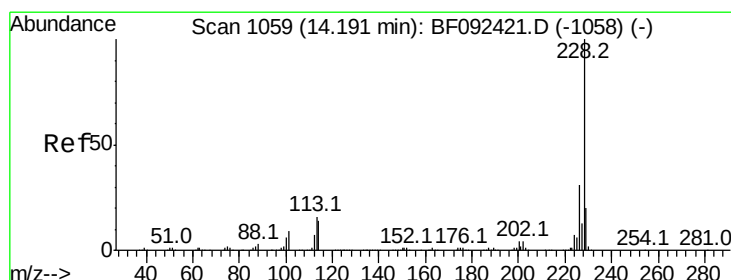
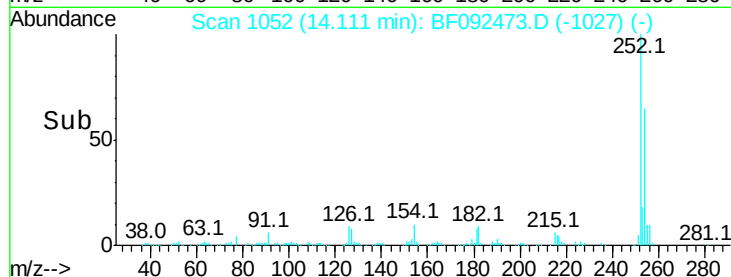
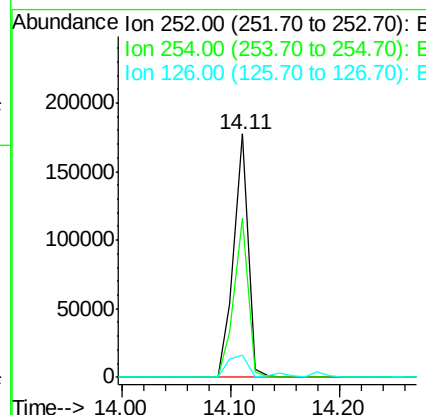
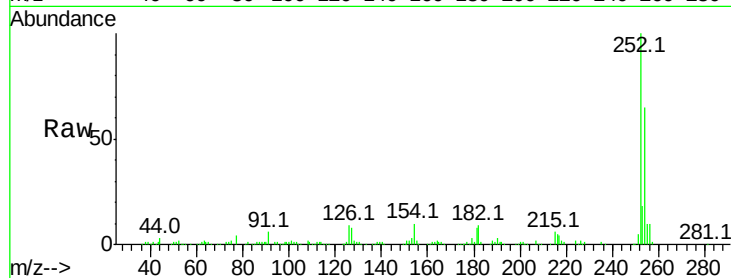




#81
 3,3'-Dichlorobenzidine
 Concen: 14.87 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

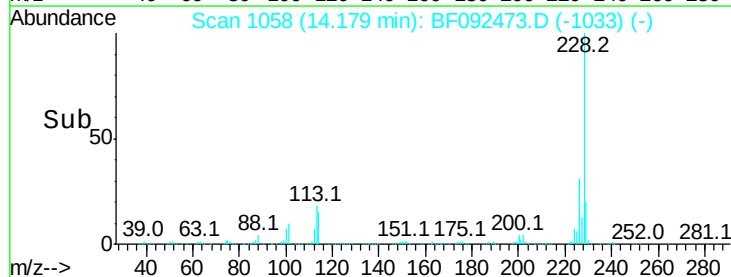
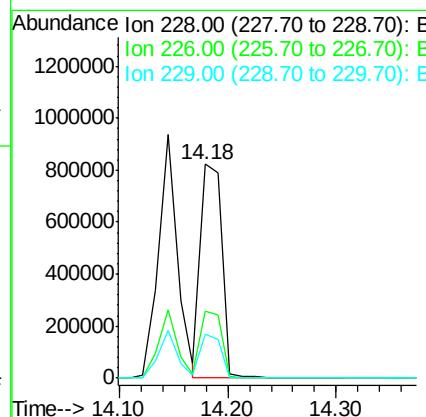
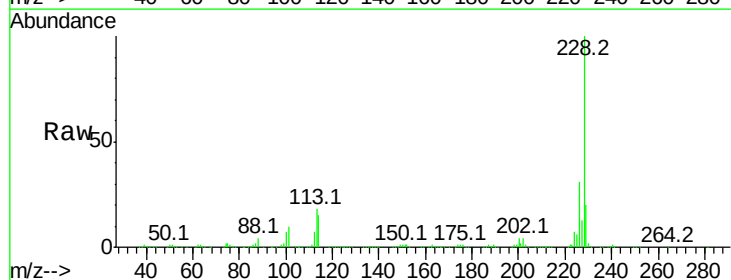
Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

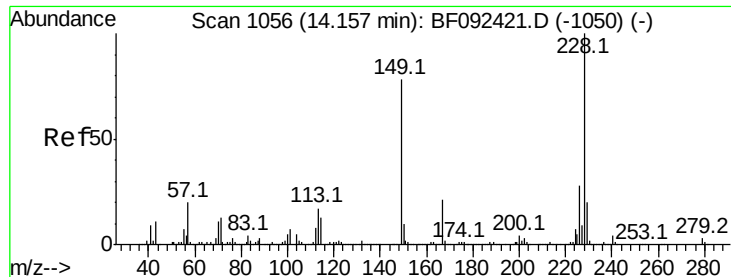
Tot Ion:252 Resp: 164643
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.3 78.5
 126 8.9 13.6 20.4#



#82
 Chrysene
 Concen: 36.25 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Tgt Ion:228 Resp: 1129074
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.3 16.2 24.2

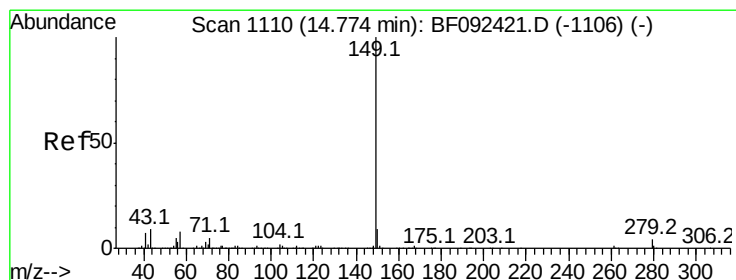
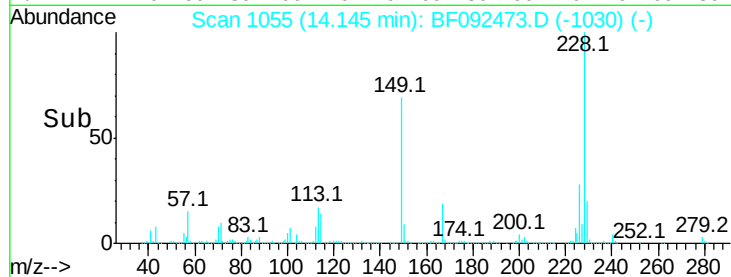
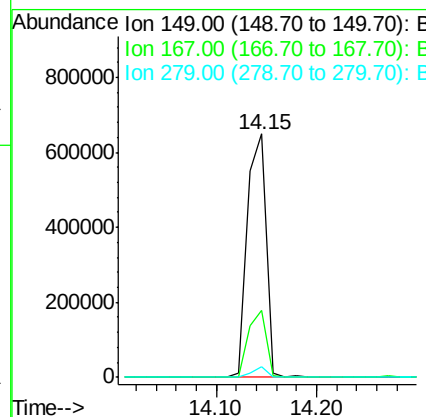
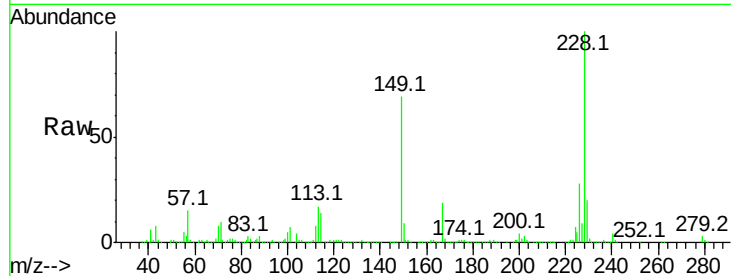




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.26 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

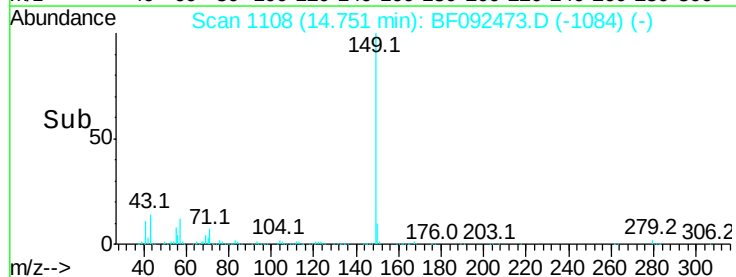
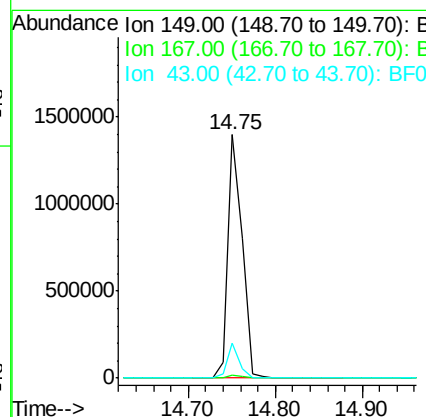
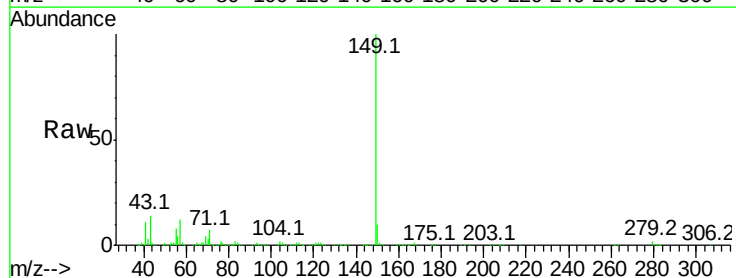
Instrument :
 BNA_F
 ClientSampleId :
 PB96140BS

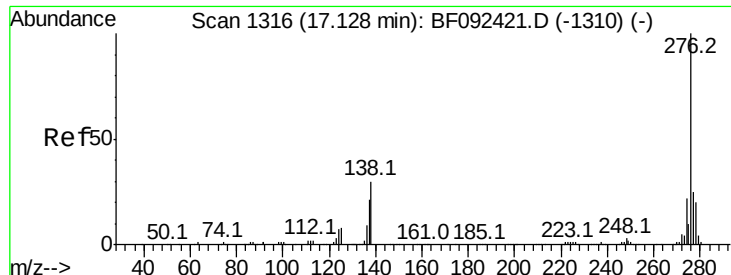
Tot Ion:149 Resp: 847684
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.2 30.4
 279 4.4 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 44.16 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092473.D
 Acq: 25 Jan 2017 13:42

Tgt Ion:149 Resp: 1608111
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 12.0 8.9 13.3

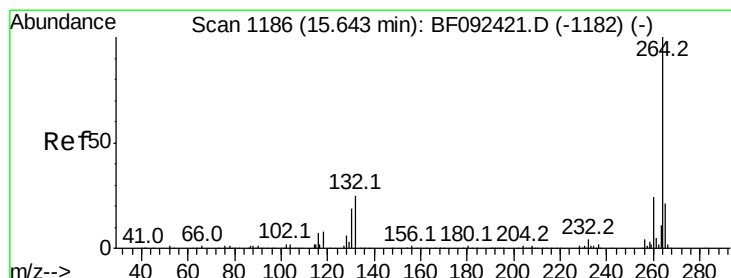
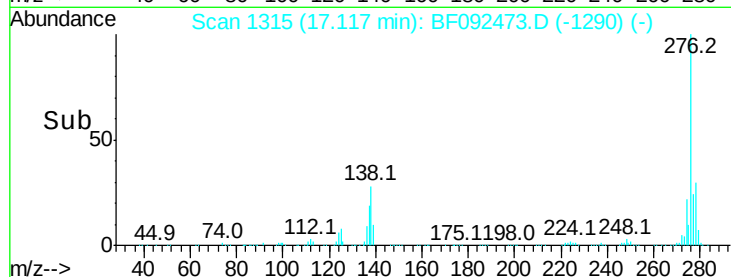
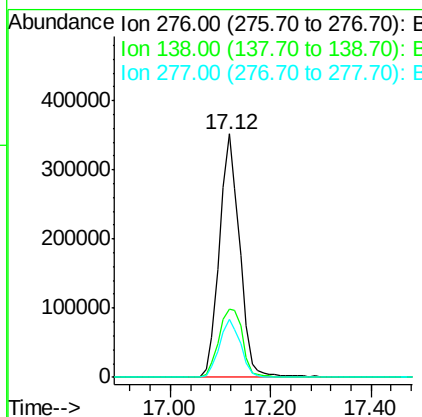
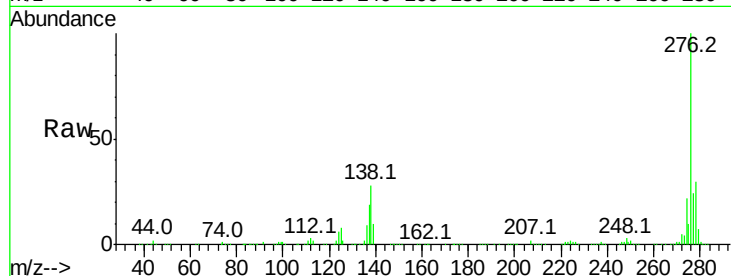




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.89 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

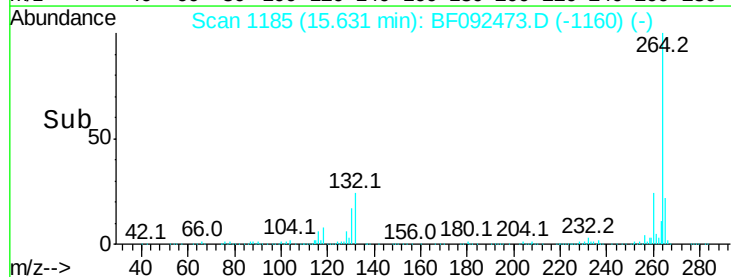
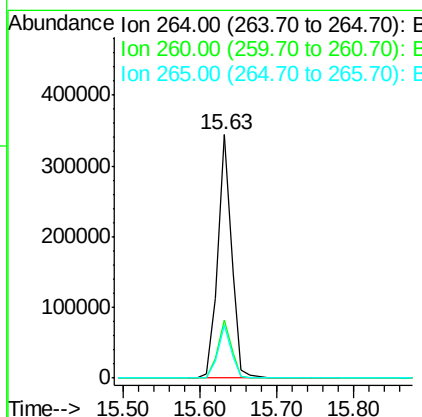
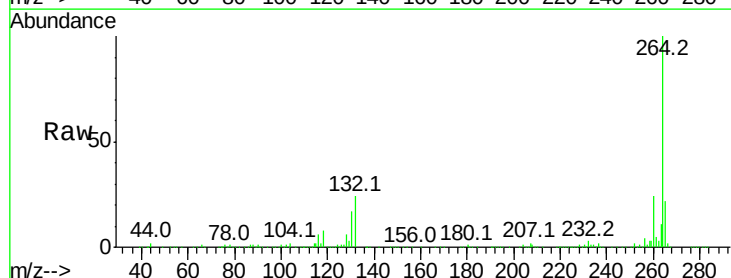
Instrument :
BNA_F
ClientSampleId :
PB96140BS

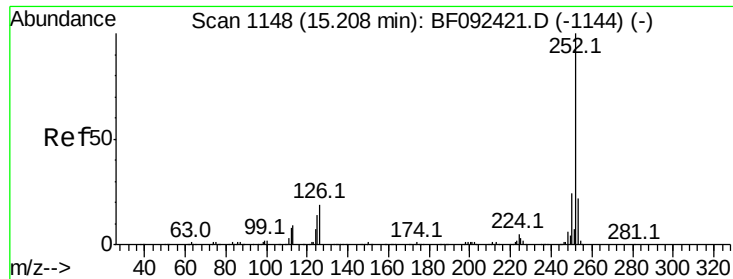
Tot Ion:276 Resp: 988228
Ion Ratio Lower Upper
276 100
138 33.0 21.8 32.6#
277 25.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:264 Resp: 434354
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.6 17.4 26.0

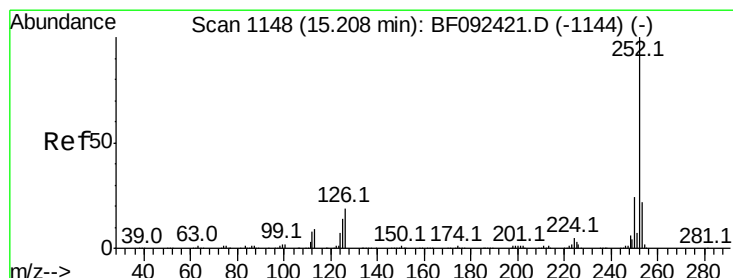
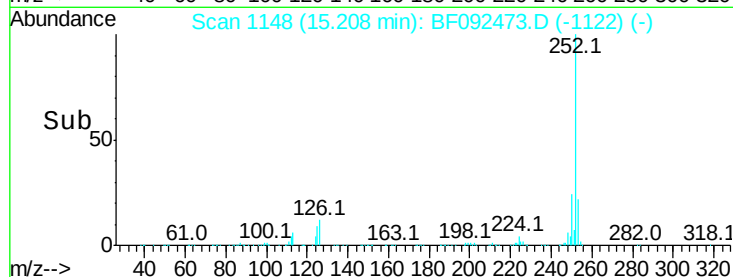
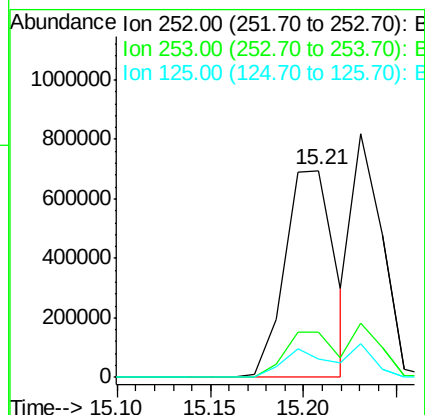
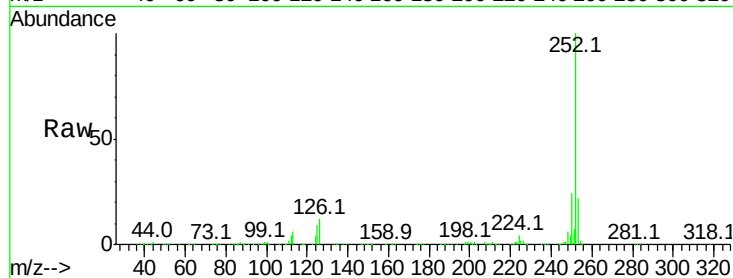




#87
Benzo(b)fluoranthene
Concen: 46.47 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

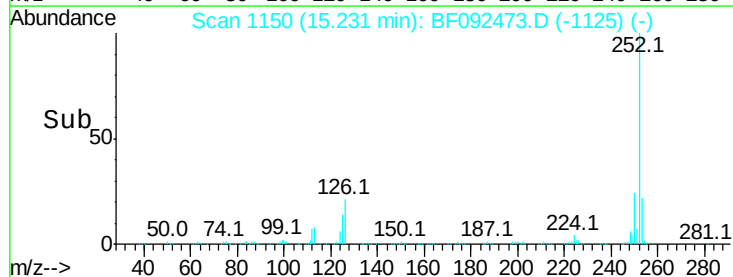
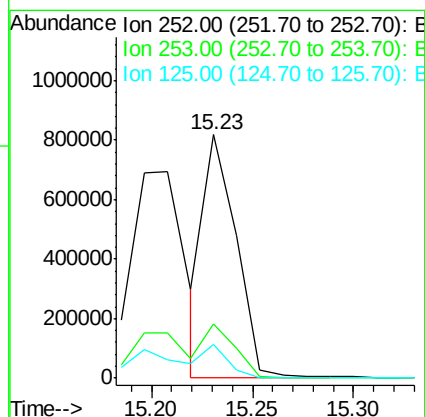
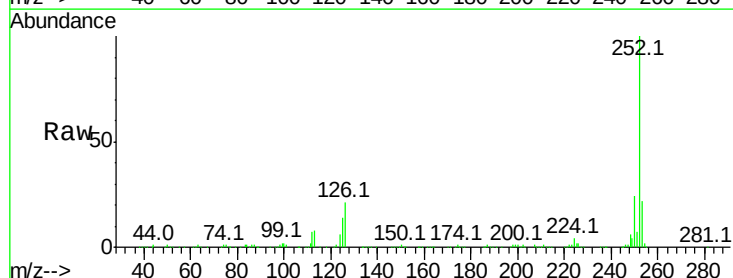
Instrument :
BNA_F
ClientSampleId :
PB96140BS

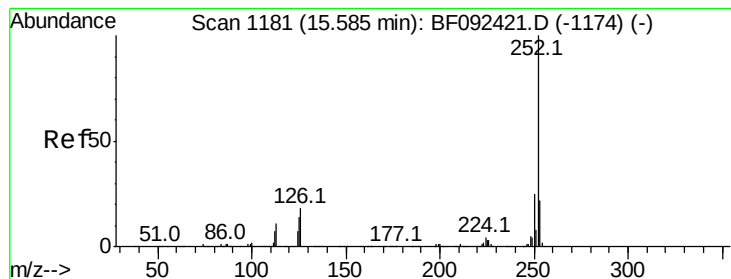
Tot Ion:252 Resp: 1295805
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 8.9 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 39.96 ng m
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092473.D
Acq: 25 Jan 2017 13:42

Tgt Ion:252 Resp: 926638
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 14.0 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 43.82 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

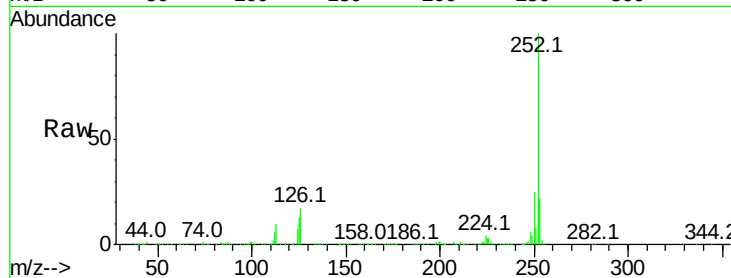
Tot Ion:252 Resp: 1033662

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

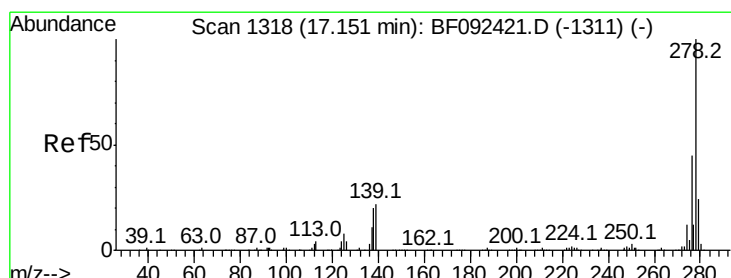
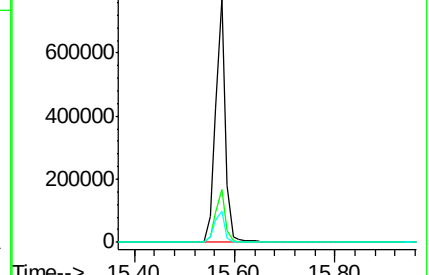
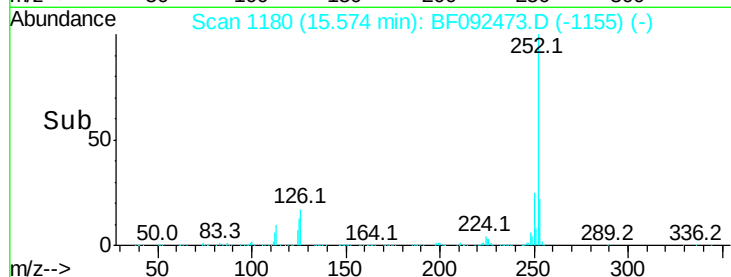
125 12.6 10.0 15.0



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: 43.66 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

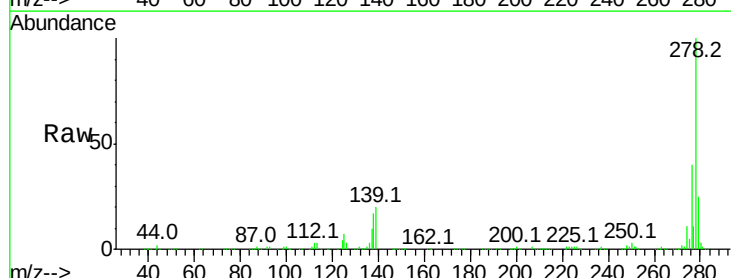
Tgt Ion:278 Resp: 832850

Ion Ratio Lower Upper

278 100

139 20.1 14.8 22.2

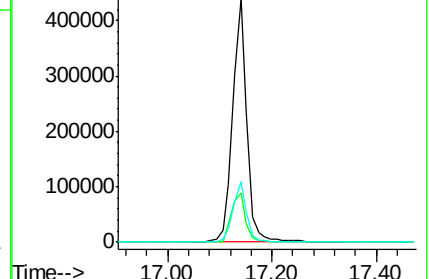
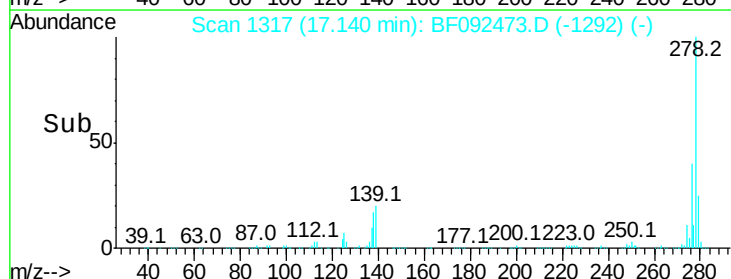
279 24.6 19.8 29.6

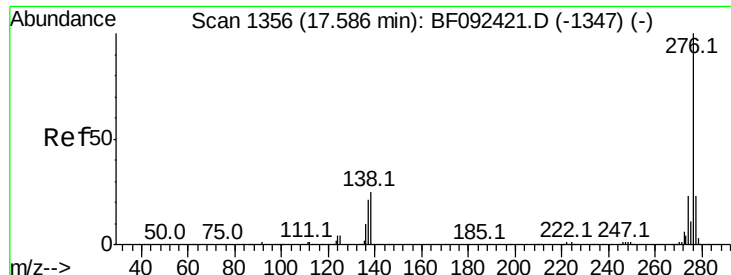


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.33 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BF092473.D

Acq: 25 Jan 2017 13:42

Instrument :

BNA_F

ClientSampleId :

PB96140BS

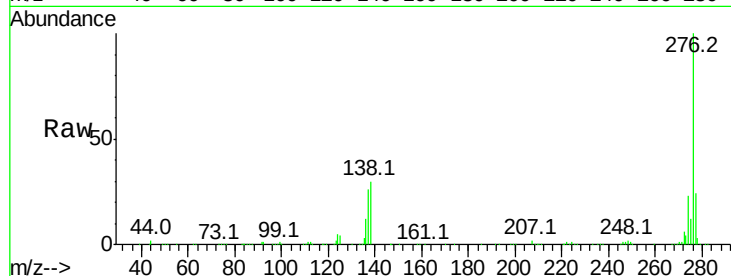
Tot Ion:276 Resp: 816647

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 30.3 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

