

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092116.D
 Acq On : 6 Jan 2017 14:52
 Operator : UM/SJ
 Sample : PB95798BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Quant Time: Jan 06 22:27:38 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	206347	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	667220	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	391027	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	642387	20.00	ng	0.00
75) Chrysene-d12	13.79	240	429781	20.00	ng	0.00
86) Perylene-d12	15.15	264	372449	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	939894	76.05	ng	0.01
7) Phenol-d6	6.31	99	1192787	79.06	ng	0.00
23) Nitrobenzene-d5	7.21	82	1090353	90.87	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	246468	76.16	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1536892	79.73	ng	0.00
78) Terphenyl-d14	12.75	244	1789661	100.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	243588	40.04	ng	95
3) Pyridine	2.82	79	560596	26.40	ng	96
4) n-Nitrosodimethylamine	2.79	42	266490	33.27	ng	96
6) Aniline	6.30	93	326056	16.64	ng	# 61
8) 2-Chlorophenol	6.44	128	604841	43.03	ng	85
9) Benzaldehyde	6.18	77	47826	4.04	ng	98
10) Phenol	6.32	94	802235	46.66	ng	# 65
11) bis(2-Chloroethyl)ether	6.38	93	580463	42.43	ng	96
12) 1,3-Dichlorobenzene	6.58	146	603444	40.21	ng	99
13) 1,4-Dichlorobenzene	6.65	146	601444	39.38	ng	99
14) 1,2-Dichlorobenzene	6.81	146	583140	44.00	ng	99
15) Benzyl Alcohol	6.80	79	481879	41.10	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	835049	40.99	ng	87
17) 2-Methylphenol	6.93	107	496158	43.89	ng	95
18) Hexachloroethane	7.16	117	223075	39.39	ng	94
19) n-Nitroso-di-n-propylamine	7.08	70	450407	44.87	ng	# 88
20) 3+4-Methylphenols	7.09	107	650804	48.26	ng	# 72
22) Acetophenone	7.06	105	863499	52.47	ng	# 88
24) Nitrobenzene	7.24	77	612932	47.96	ng	91
25) Isophorone	7.48	82	952381	43.02	ng	97
26) 2-Nitrophenol	7.56	139	234195	37.16	ng	# 79
27) 2,4-Dimethylphenol	7.60	122	373479	35.73	ng	97
28) bis(2-Chloroethoxy)methane	7.69	93	575411	42.86	ng	100
29) 2,4-Dichlorophenol	7.80	162	355352	40.15	ng	# 85
30) 1,2,4-Trichlorobenzene	7.88	180	377544	38.92	ng	96
31) Naphthalene	7.96	128	1331406	43.60	ng	99
32) Benzoic acid	7.75	122	297757	38.40	ng	98
33) 4-Chloroaniline	8.01	127	100500	7.30	ng	# 92
34) Hexachlorobutadiene	8.07	225	234890	45.88	ng	98
35) Caprolactam	8.39	113	88673	30.49	ng	96
36) 4-Chloro-3-methylphenol	8.52	107	456276	44.80	ng	97
37) 2-Methylnaphthalene	8.64	142	867316	48.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	382692	38.74	ng	99
40) Hexachlorocyclopentadiene	8.80	237	362957	82.37	ng	98

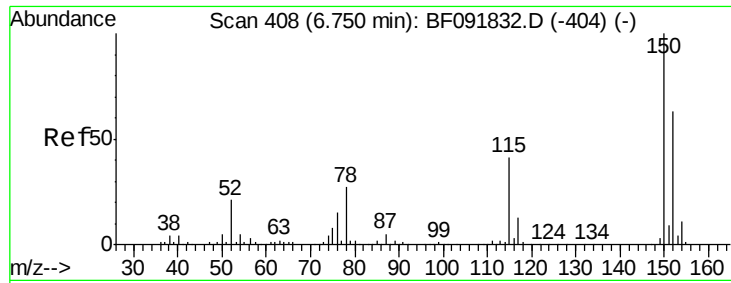
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092116.D
 Acq On : 6 Jan 2017 14:52
 Operator : UM/SJ
 Sample : PB95798BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Quant Time: Jan 06 22:27:38 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	246353	35.66	ng	95
43) 2,4,5-Trichlorophenol	8.98	196	247687	34.83	ng	# 81
45) 1,1'-Biphenyl	9.11	154	1154676	43.13	ng	99
46) 2-Chloronaphthalene	9.13	162	854253	40.29	ng	98
47) 2-Nitroaniline	9.24	65	335722	44.47	ng	93
48) Acenaphthylene	9.54	152	1437688	44.09	ng	99
49) Dimethylphthalate	9.42	163	1017679	40.69	ng	99
50) 2,6-Dinitrotoluene	9.48	165	216007	39.46	ng	# 70
51) Acenaphthene	9.72	154	899235	40.68	ng	99
52) 3-Nitroaniline	9.65	138	96608	14.26	ng	# 79
53) 2,4-Dinitrophenol	9.76	184	253401	83.20	ng	# 91
54) Dibenzofuran	9.89	168	1220064	40.87	ng	98
55) 4-Nitrophenol	9.84	139	349158	75.91	ng	# 73
56) 2,4-Dinitrotoluene	9.89	165	312481	45.48	ng	92
57) Fluorene	10.23	166	953206	43.88	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	257078	45.71	ng	98
59) Diethylphthalate	10.12	149	1050460	43.25	ng	98
60) 4-Chlorophenyl-phenylether	10.22	204	387506	40.74	ng	99
61) 4-Nitroaniline	10.26	138	269836	38.44	ng	87
62) Azobenzene	10.38	77	1154661	43.18	ng	99
64) 4,6-Dinitro-2-methylphenol	10.29	198	159991	41.19	ng	# 53
65) n-Nitrosodiphenylamine	10.34	169	853947	44.80	ng	100
66) 4-Bromophenyl-phenylether	10.71	248	292301	43.74	ng	# 88
67) Hexachlorobenzene	10.77	284	281609	39.43	ng	# 79
68) Atrazine	10.88	200	307056	49.94	ng	96
69) Pentachlorophenol	10.97	266	286751	81.82	ng	98
70) Phenanthrene	11.18	178	1320685	37.92	ng	99
71) Anthracene	11.24	178	1562909	54.54	ng	98
72) Carbazole	11.40	167	1411451	54.07	ng	98
73) Di-n-butylphthalate	11.73	149	1553745	47.28	ng	99
74) Fluoranthene	12.37	202	1474921	48.57	ng	91
76) Benzidine	12.49	184	442156	39.20	ng	96
77) Pyrene	12.59	202	1376654	43.66	ng	100
79) Butylbenzylphthalate	13.23	149	687776	47.96	ng	# 79
80) Benzo(a)anthracene	13.77	228	1134713	46.77	ng	100
81) 3,3'-Dichlorobenzidine	13.74	252	163397	17.76	ng	99
82) Chrysene	13.81	228	948712	38.99	ng	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	794181	47.02	ng	# 98
84) Di-n-octyl phthalate	14.39	149	1280541	40.93	ng	99
85) Indeno(1,2,3-cd)pyrene	16.43	276	900348	42.71	ng	99
87) Benzo(b)fluoranthene	14.80	252	1810748	78.09	ng	99
88) Benzo(k)fluoranthene	14.80	252	1810748	91.57	ng	98
89) Benzo(a)pyrene	15.10	252	866987	42.13	ng	98
90) Dibenzo(a,h)anthracene	16.44	278	737793	43.61	ng	97
91) Benzo(g,h,i)perylene	16.80	276	769905	43.77	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

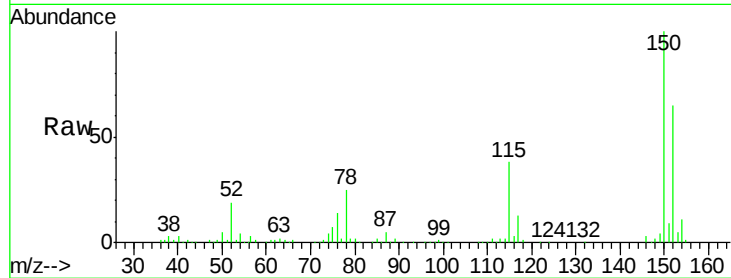
Tgt Ion:152 Resp: 206347

Ion Ratio Lower Upper

152 100

150 153.6 124.9 187.3

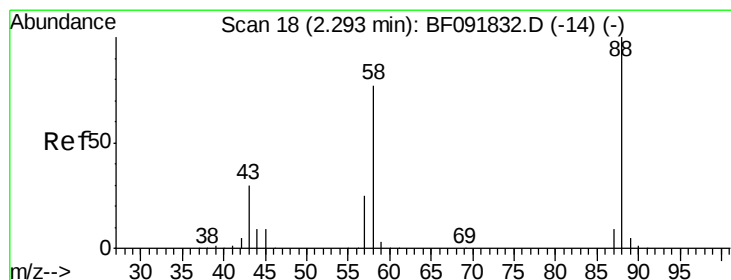
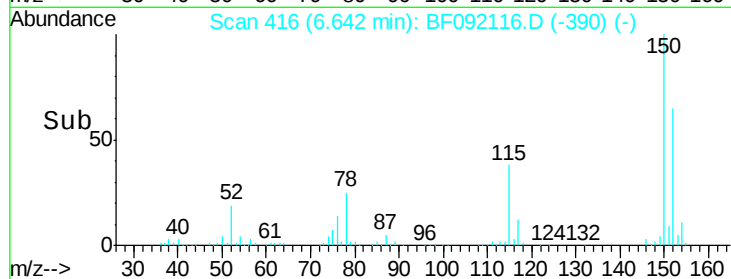
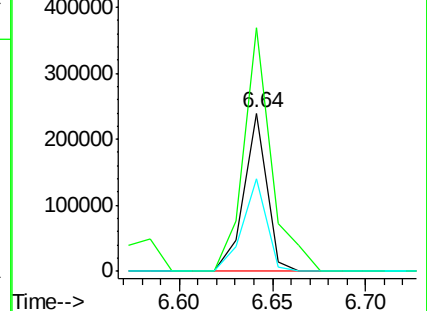
115 58.3 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.04 ng

RT: 2.18 min Scan# 26

Delta R.T. 0.10 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

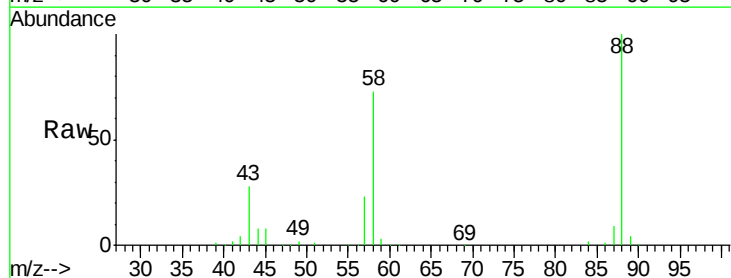
Tgt Ion: 88 Resp: 243588

Ion Ratio Lower Upper

88 100

58 76.0 57.8 86.8

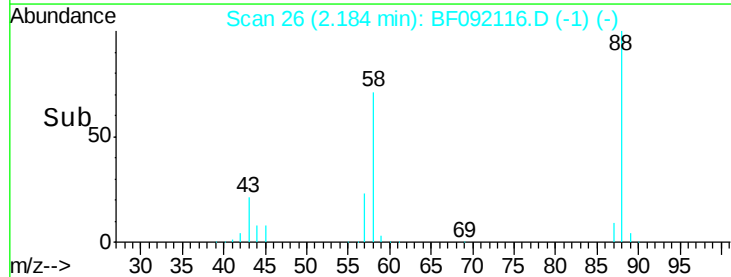
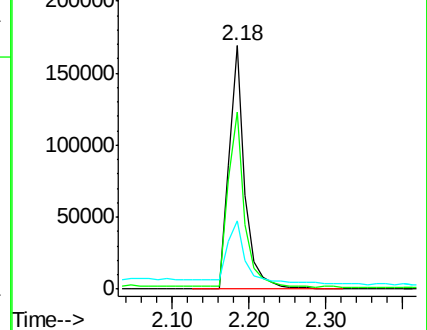
43 31.7 22.3 33.5

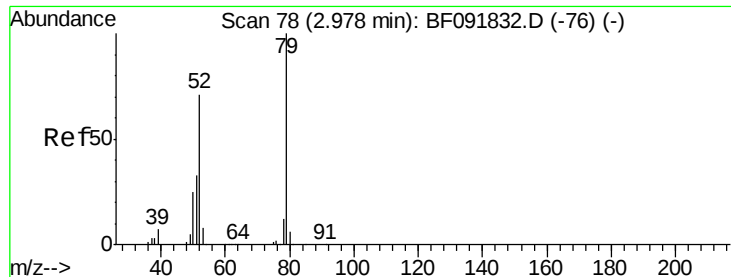


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.40 ng

RT: 2.82 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

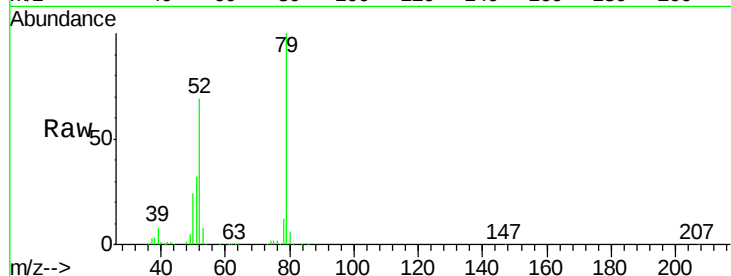
Tgt Ion: 79 Resp: 560596

Ion Ratio Lower Upper

79 100

52 68.5 57.1 85.7

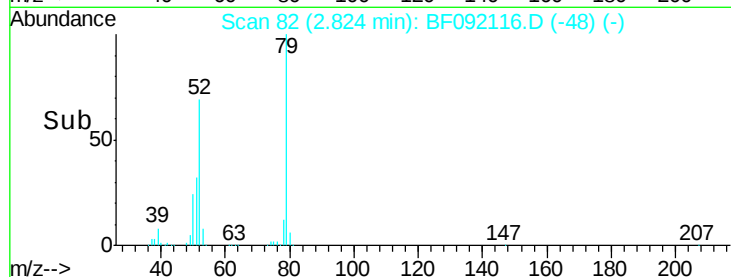
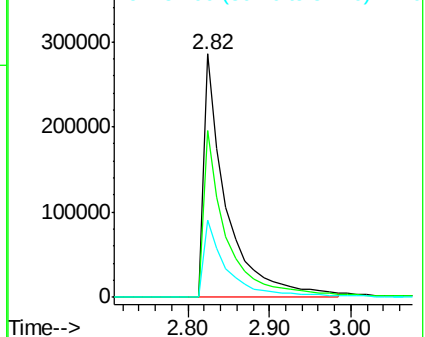
51 31.8 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.27 ng

RT: 2.79 min Scan# 79

Delta R.T. 0.10 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

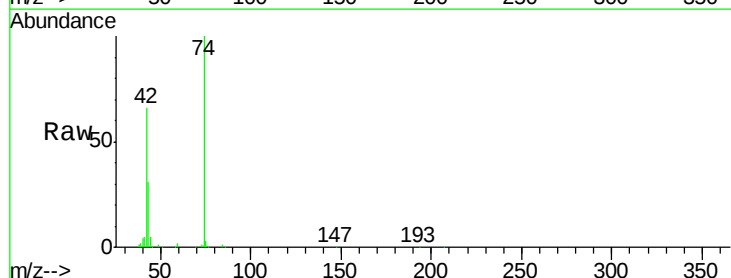
Tgt Ion: 42 Resp: 266490

Ion Ratio Lower Upper

42 100

74 150.8 117.0 175.4

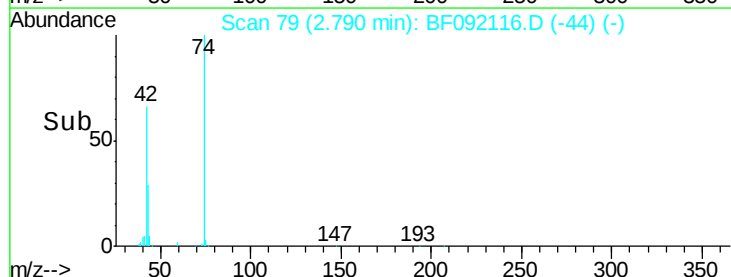
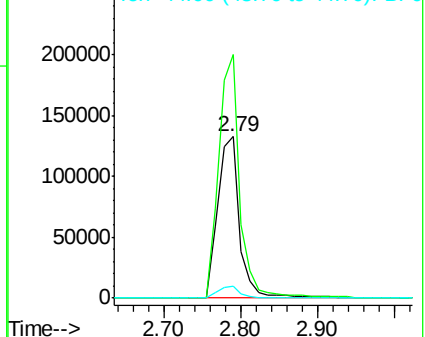
44 7.3 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 76.05 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

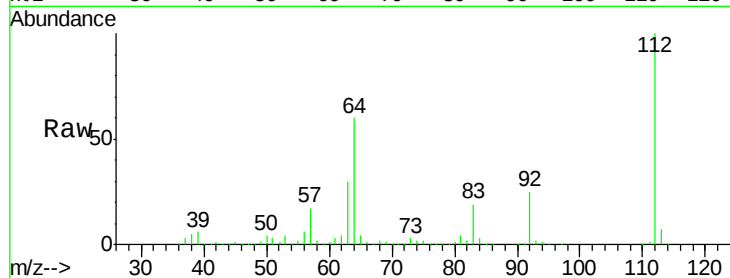
Tgt Ion: 112 Resp: 939894

Ion Ratio Lower Upper

112 100

64 59.9 46.1 69.1

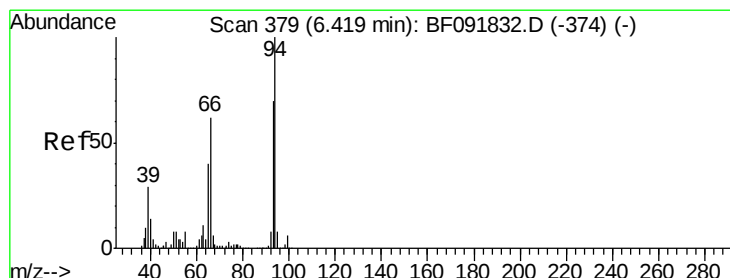
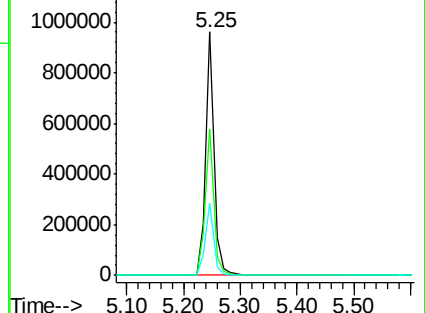
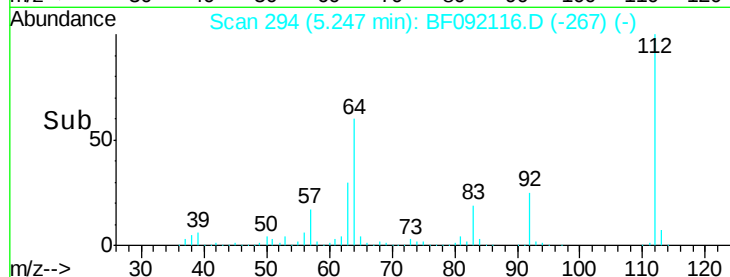
63 29.9 23.8 35.6



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: 16.64 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

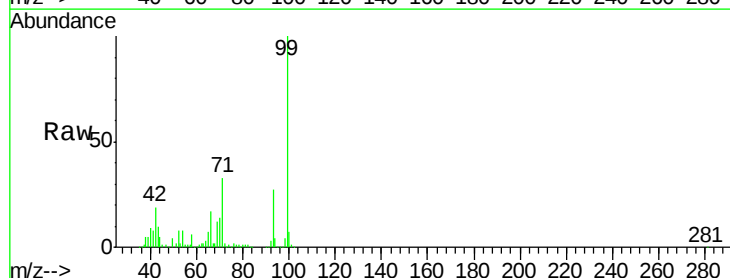
Tgt Ion: 93 Resp: 326056

Ion Ratio Lower Upper

93 100

66 61.9 76.2 114.2#

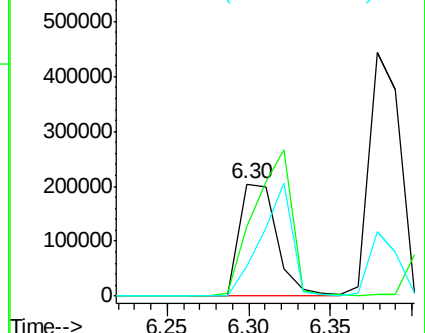
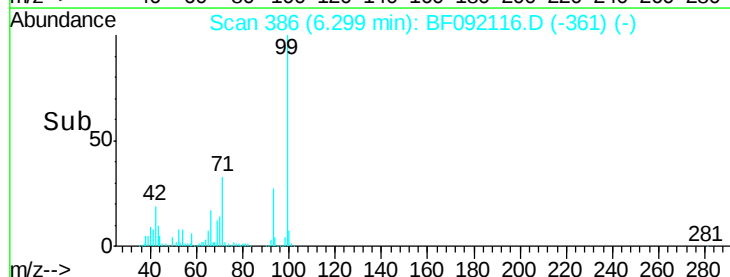
65 26.5 49.3 73.9#



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: 79.06 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

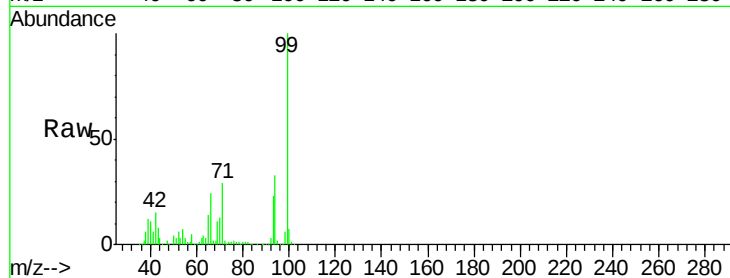
Tgt Ion: 99 Resp: 1192787

Ion Ratio Lower Upper

99 100

42 15.3 15.6 23.4#

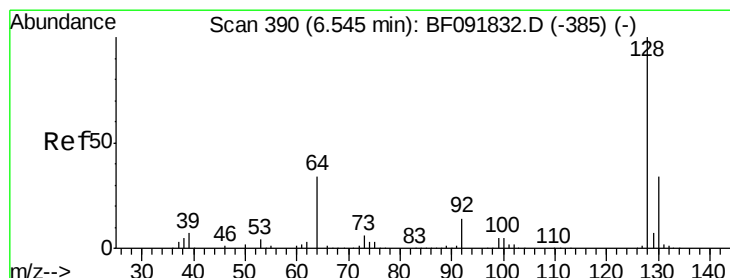
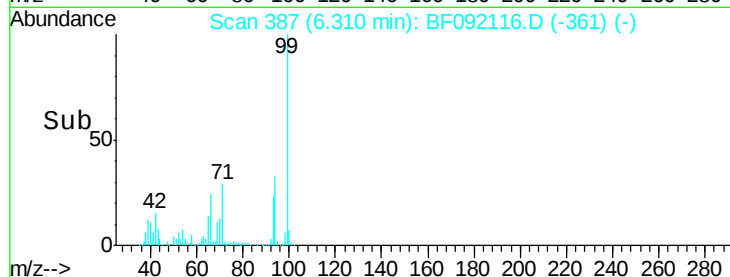
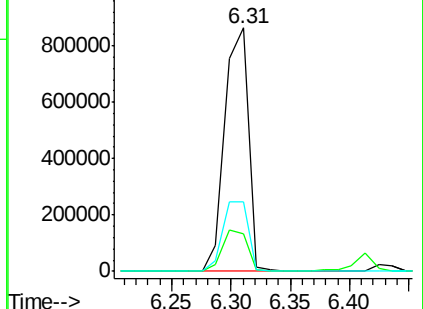
71 28.8 27.5 41.3



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: 43.03 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

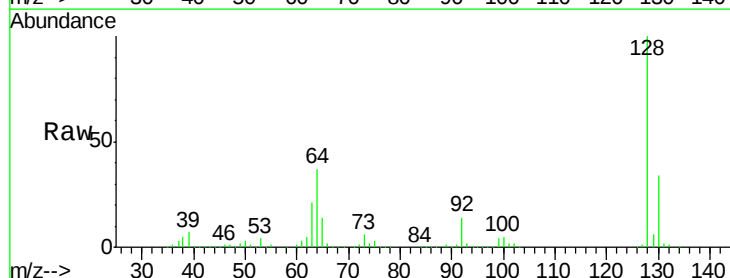
Tgt Ion: 128 Resp: 604841

Ion Ratio Lower Upper

128 100

130 34.0 12.3 52.3

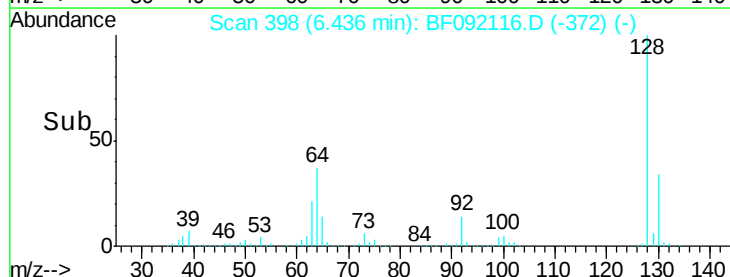
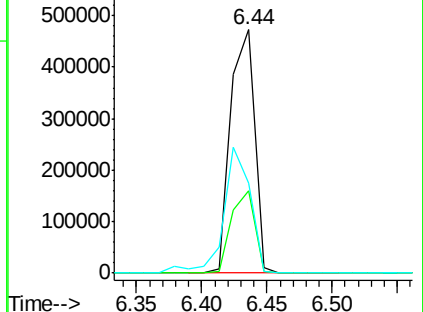
64 37.0 32.2 72.2

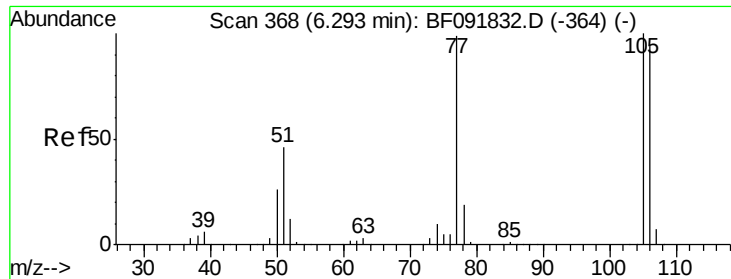


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.04 ng

RT: 6.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

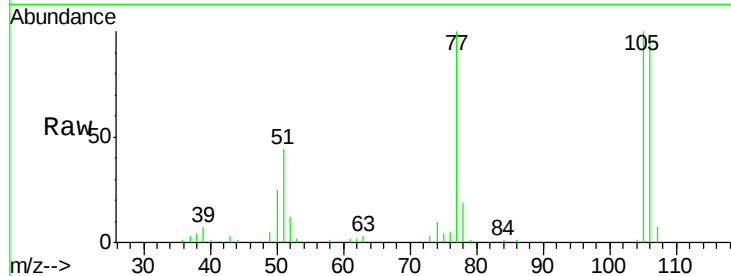
Tgt Ion: 77 Resp: 47826

Ion Ratio Lower Upper

77 100

105 100.4 83.9 123.9

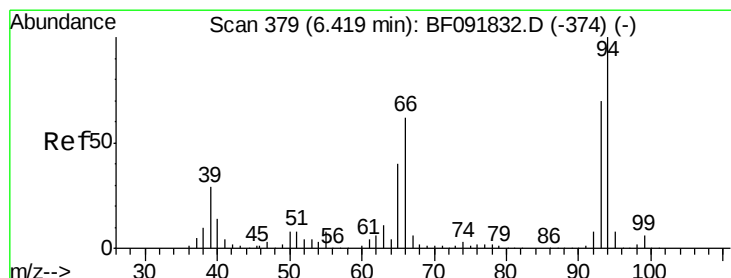
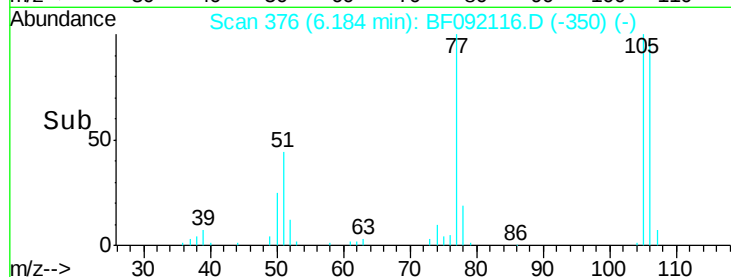
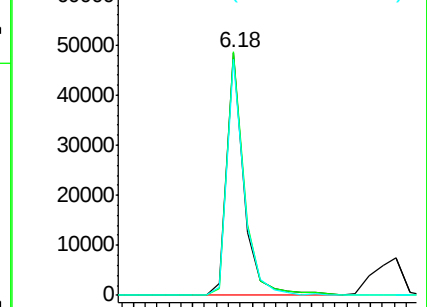
106 97.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.66 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

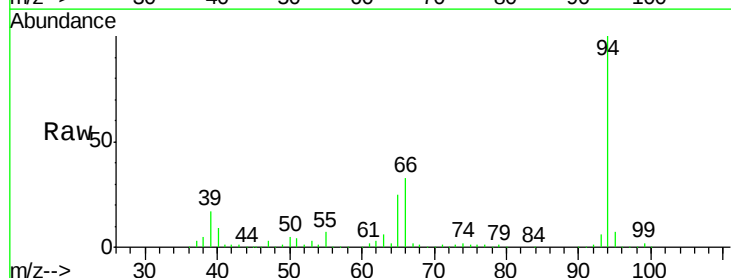
Tgt Ion: 94 Resp: 802235

Ion Ratio Lower Upper

94 100

65 25.1 21.4 61.4

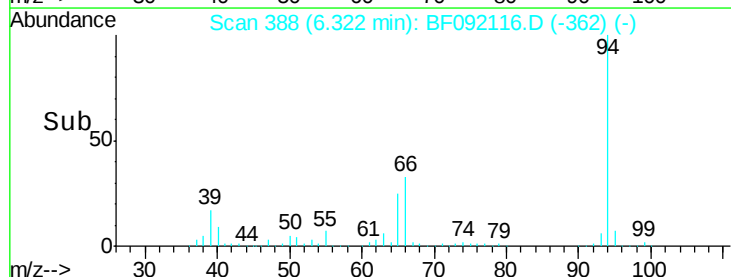
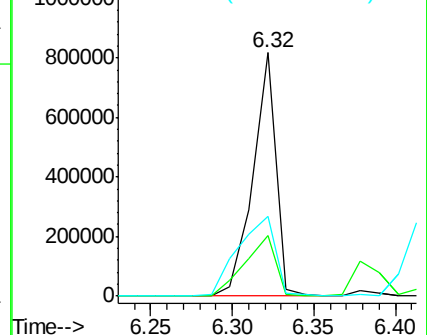
66 32.6 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.43 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

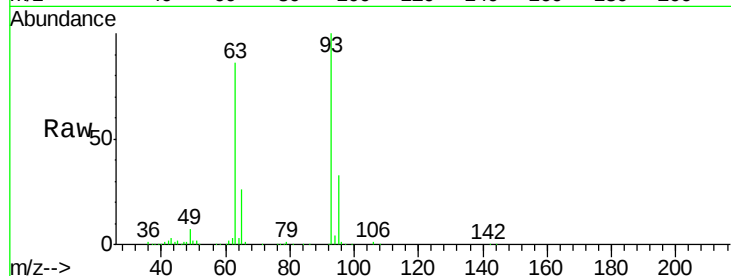
Tgt Ion: 93 Resp: 580463

Ion Ratio Lower Upper

93 100

63 85.7 60.4 100.4

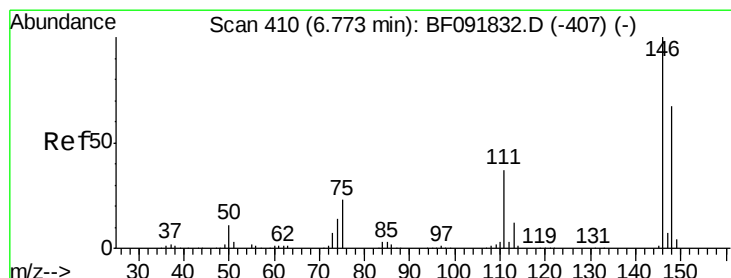
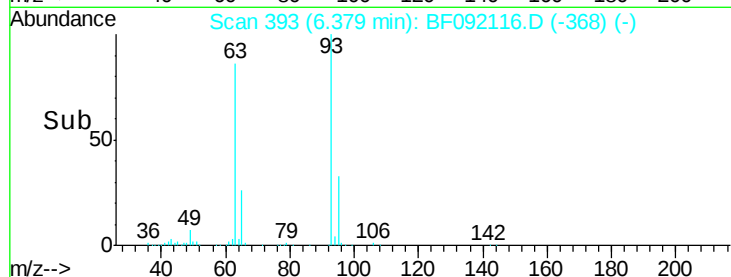
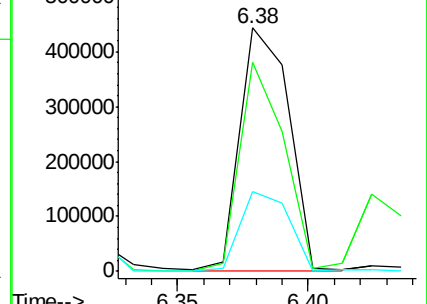
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.21 ng

RT: 6.58 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

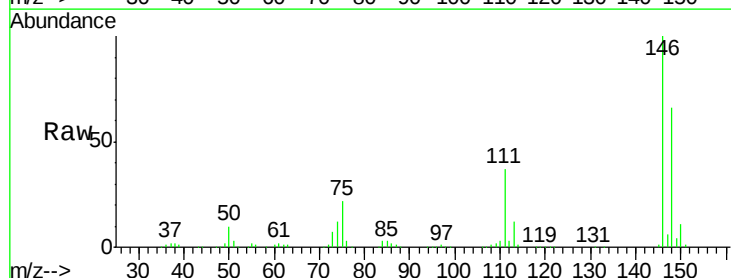
Tgt Ion: 146 Resp: 603444

Ion Ratio Lower Upper

146 100

148 66.1 53.4 80.0

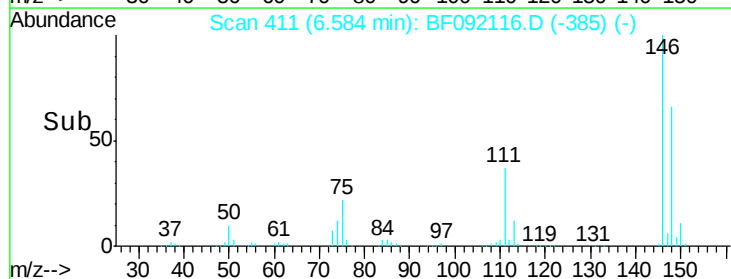
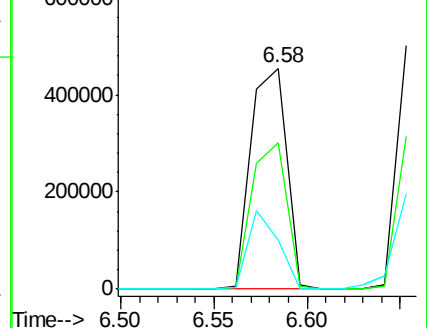
75 22.2 18.5 27.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

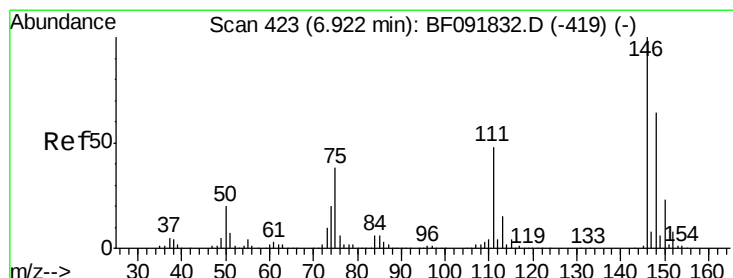
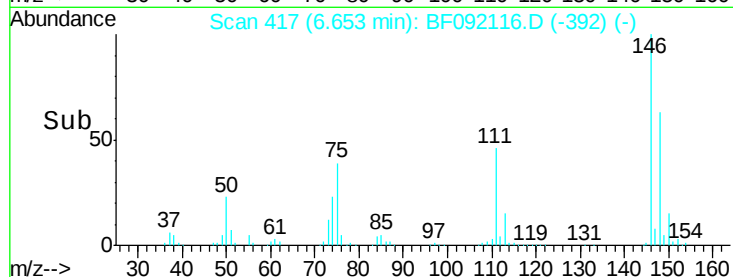
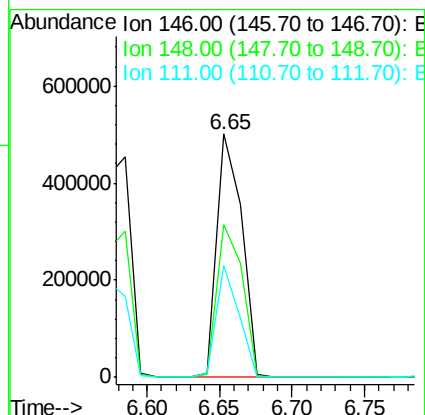
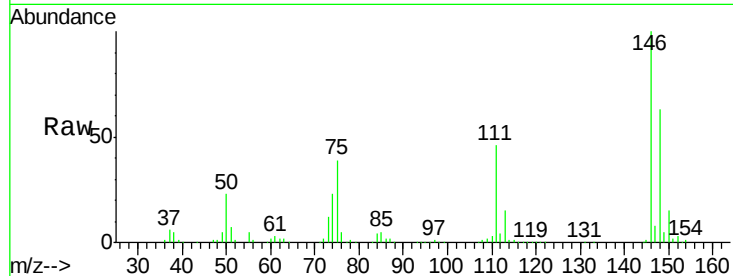




#13
1,4-Dichlorobenzene
Concen: 39.38 ng
RT: 6.65 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

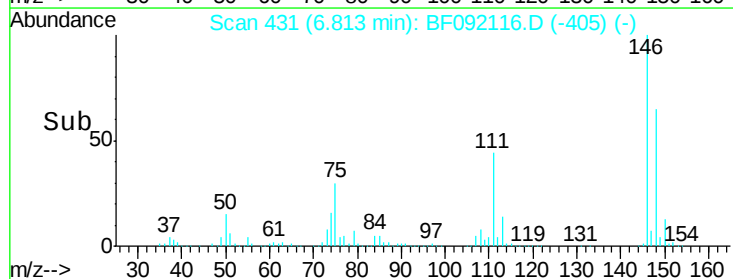
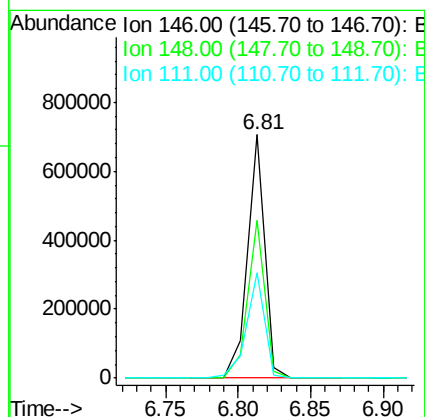
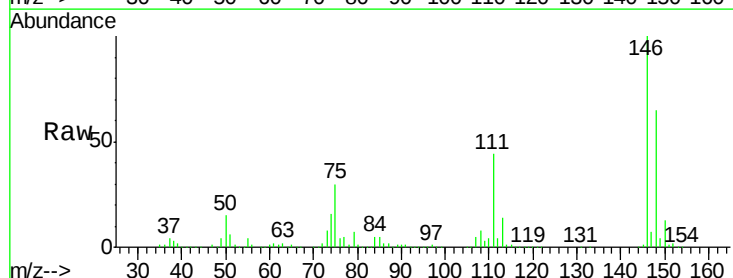
Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tgt Ion:146 Resp: 601444
Ion Ratio Lower Upper
146 100
148 62.5 50.6 76.0
111 46.1 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 44.00 ng
RT: 6.81 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion:146 Resp: 583140
Ion Ratio Lower Upper
146 100
148 64.8 52.2 78.2
111 43.5 36.2 54.2





#15

Benzyl Alcohol

Concen: 41.10 ng

RT: 6.80 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

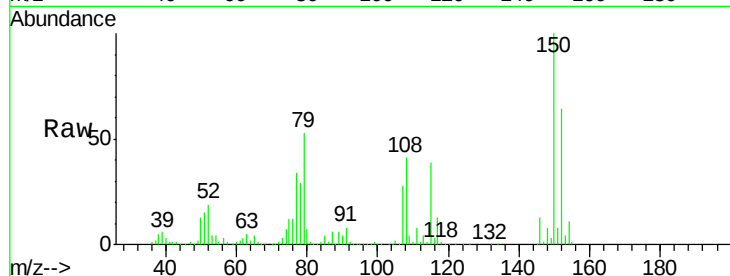
Tgt Ion: 79 Resp: 481879

Ion Ratio Lower Upper

79 100

108 77.9 61.4 92.0

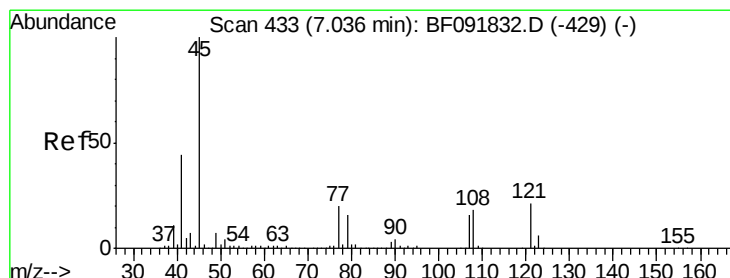
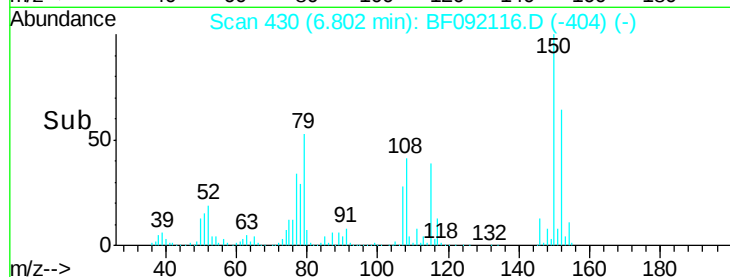
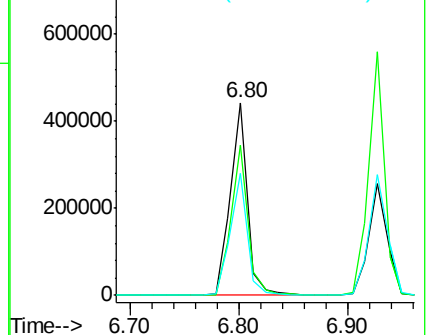
77 63.7 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.99 ng

RT: 6.94 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

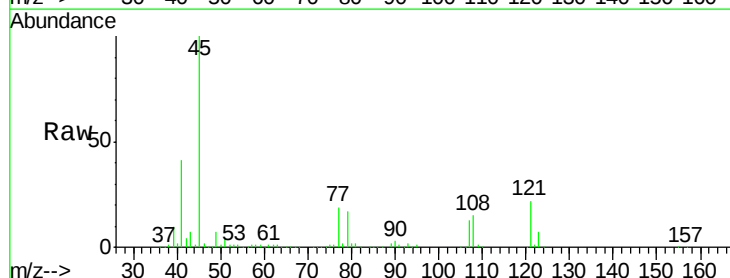
Tgt Ion: 45 Resp: 835049

Ion Ratio Lower Upper

45 100

77 19.5 0.0 34.6

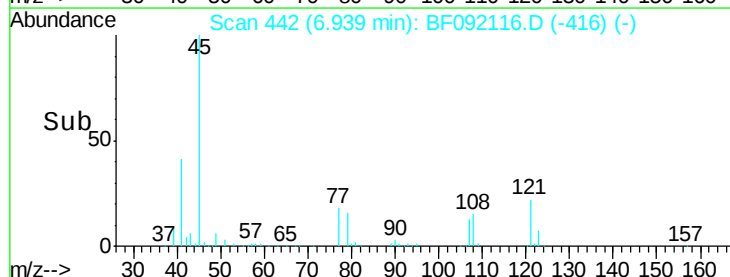
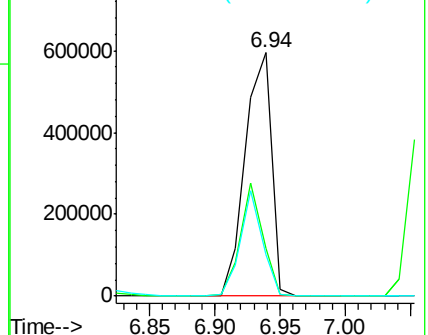
79 16.7 0.0 31.2

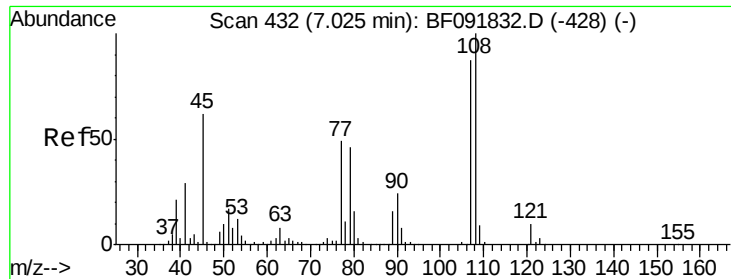


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

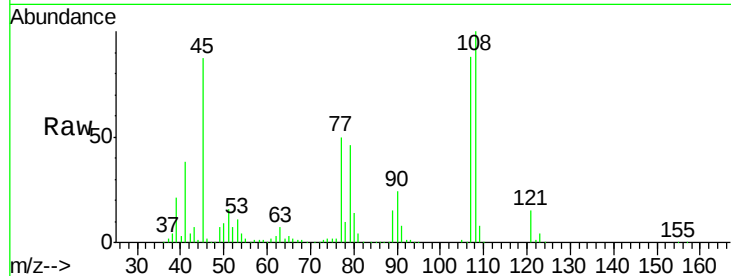




#17
2-Methylphenol
Concen: 43.89 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tgt Ion	Resp	Lower	Upper
107	100		
108	114.0	93.0	139.6
77	56.6	39.8	59.8
79	52.3	38.0	57.0



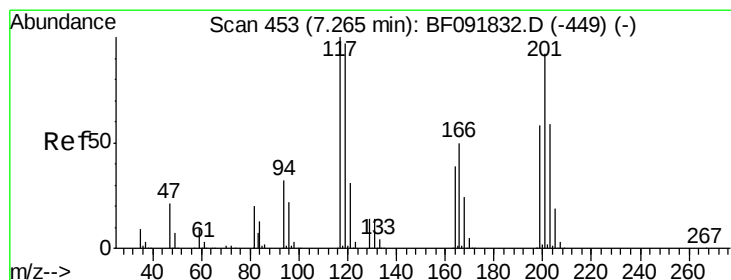
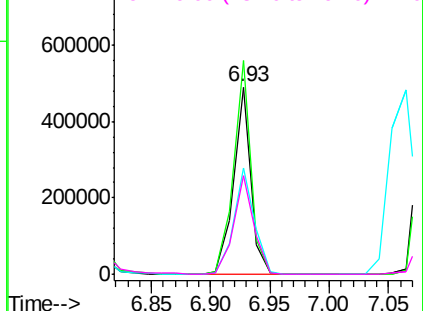
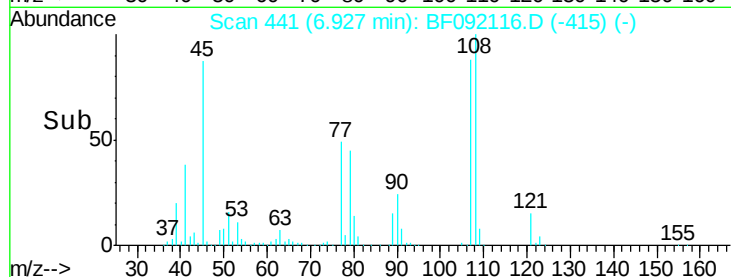
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

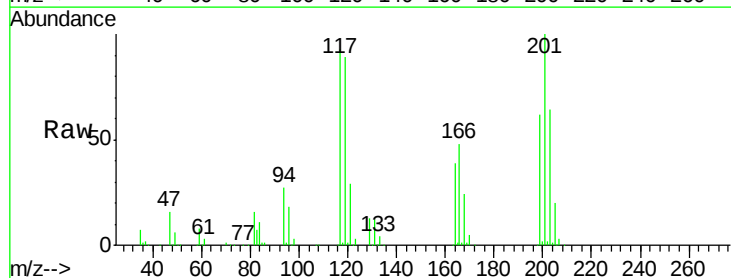
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.39 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion	Resp	Lower	Upper
117	100		
119	96.2	78.1	117.1
201	107.9	78.6	117.8

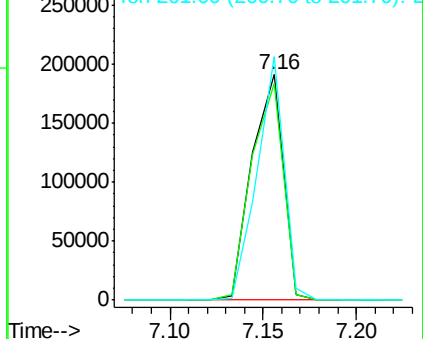
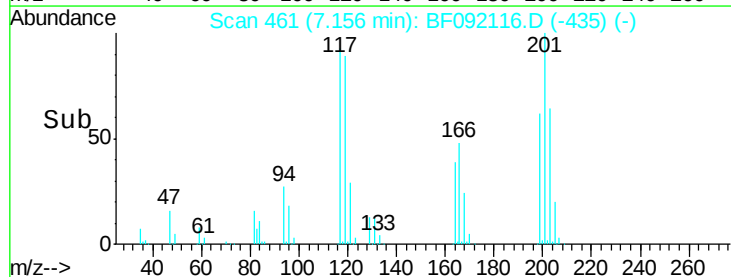


Abundance

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

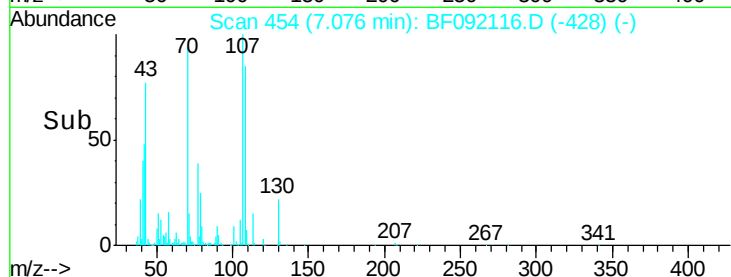
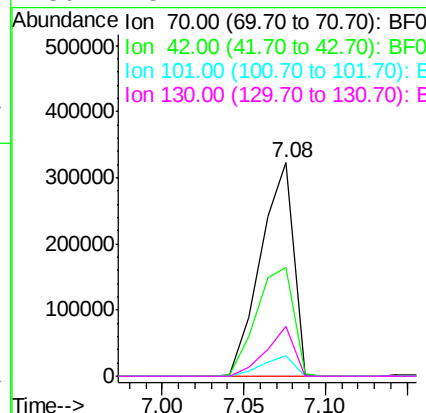
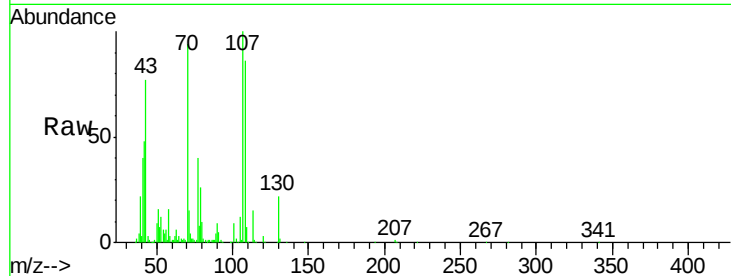




#19
n-Nitroso-di-n-propylamine
Concen: 44.87 ng
RT: 7.08 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

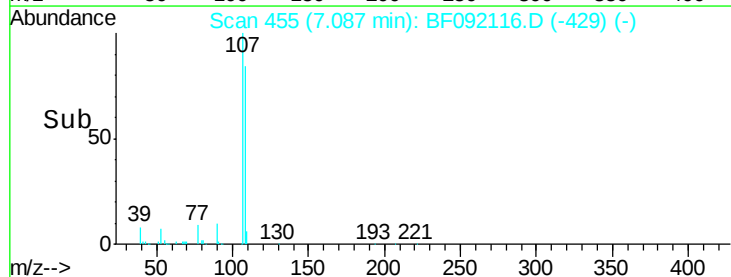
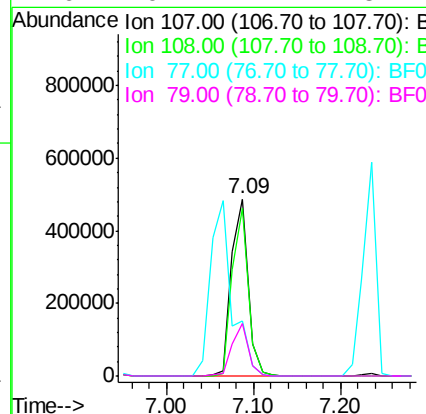
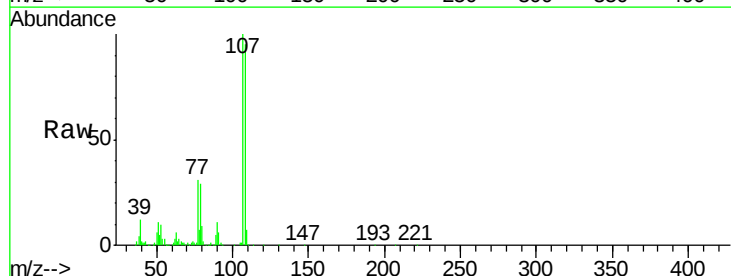
Instrument :
BNA_F
ClientSampleId :
PB95798BSD

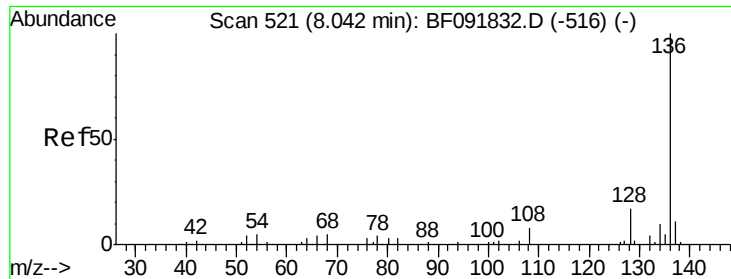
Tgt Ion:	70	Resp:	450407
Ion	Ratio	Lower	Upper
70	100		
42	51.2	49.4	74.0
101	9.8	7.4	11.2
130	23.4	14.2	21.4#



#20
3+4-Methylphenols
Concen: 48.26 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion:	107	Resp:	650804
Ion	Ratio	Lower	Upper
107	100		
108	94.9	73.0	113.0
77	31.1	71.3	111.3#
79	29.4	11.1	51.1

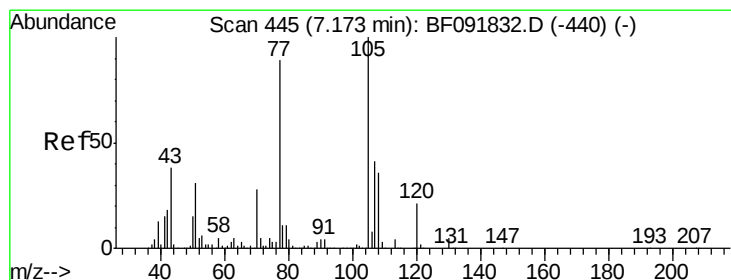
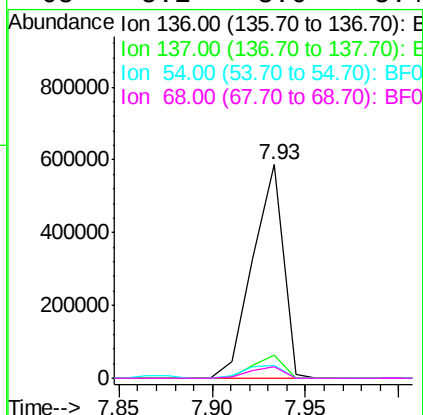
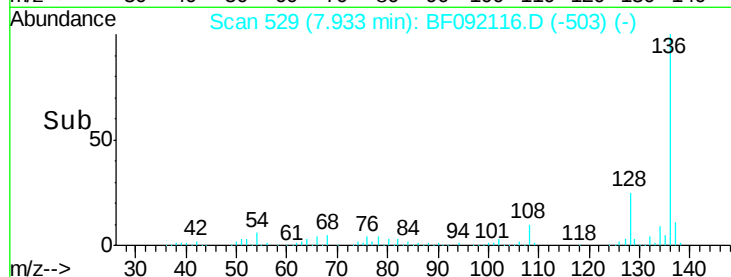
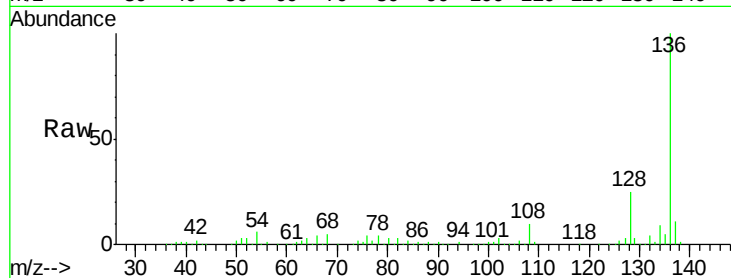




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

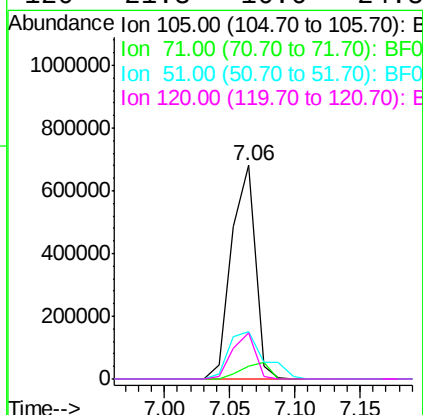
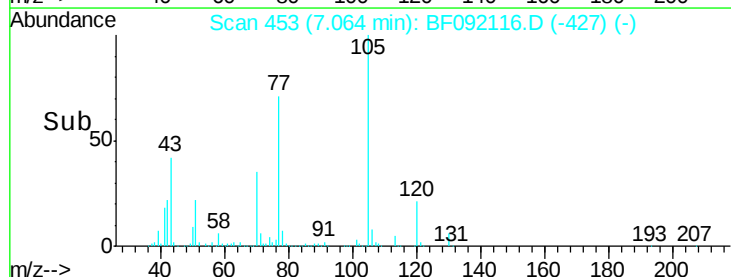
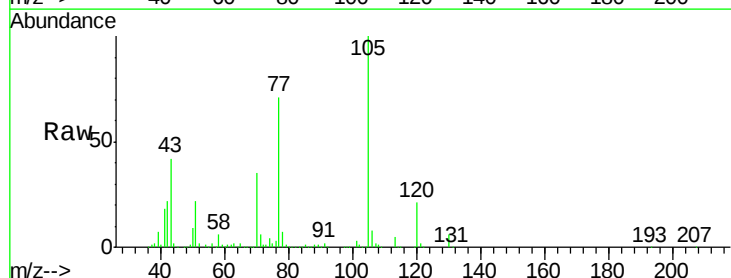
Instrument :
BNA_F
ClientSampleId :
PB95798BSD

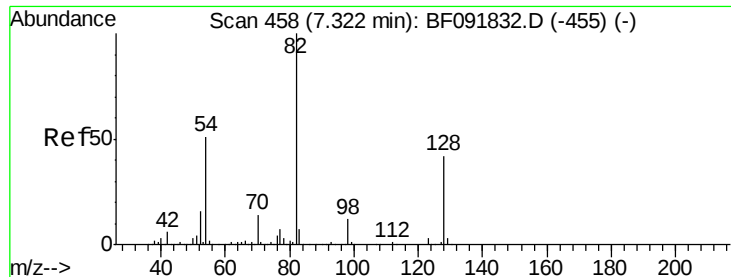
Tgt Ion:	136	Resp:	667220
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.3	4.5	6.7
68	5.1	3.6	5.4



#22
Acetophenone
Concen: 52.47 ng
RT: 7.06 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion:	105	Resp:	863499
Ion	Ratio	Lower	Upper
105	100		
71	6.0	3.2	4.8#
51	22.3	26.2	39.4#
120	21.3	16.6	24.8

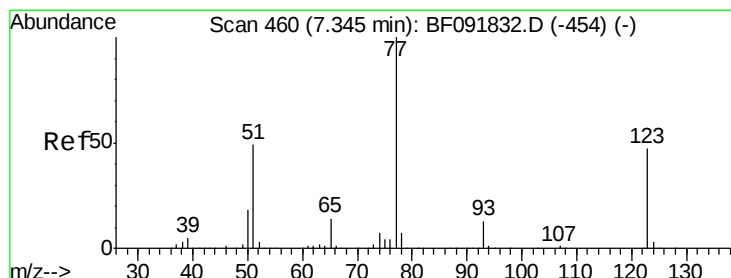
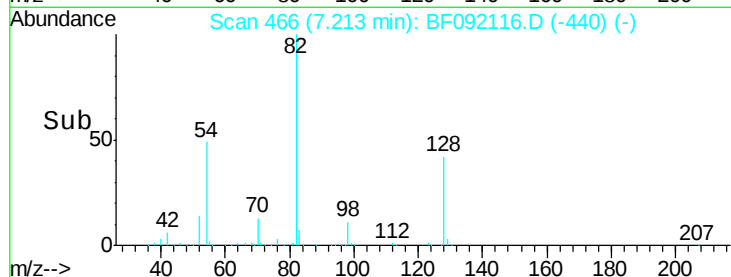
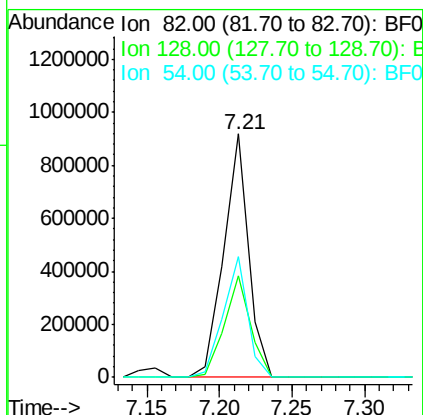
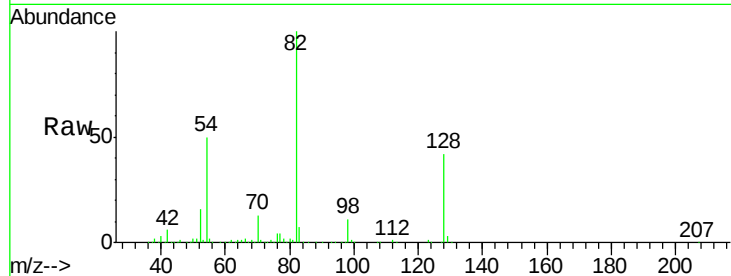




#23
 Nitrobenzene-d5
 Concen: 90.87 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

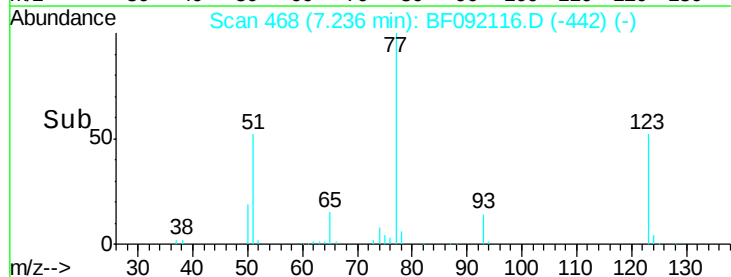
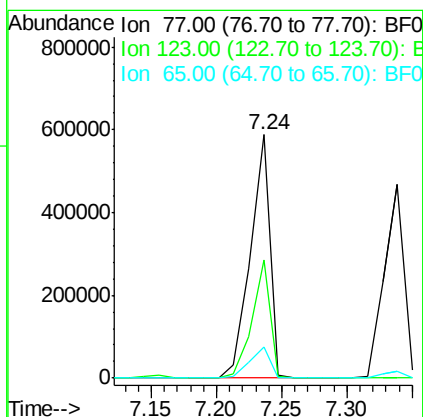
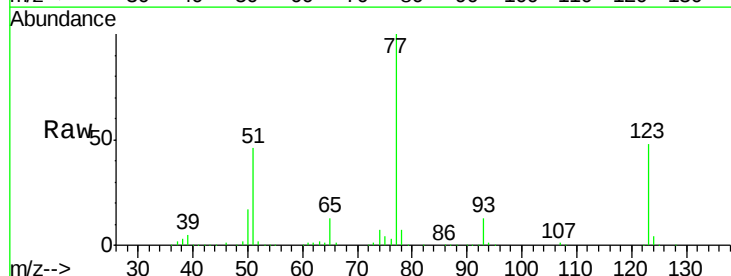
Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

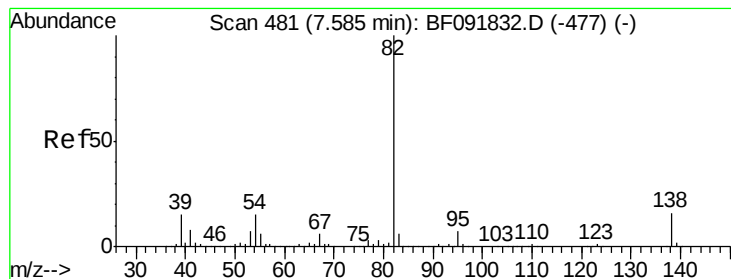
Tgt Ion: 82 Resp: 1090353
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.6 52.0
 54 49.5 39.5 59.3



#24
 Nitrobenzene
 Concen: 47.96 ng
 RT: 7.24 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion: 77 Resp: 612932
 Ion Ratio Lower Upper
 77 100
 123 48.3 33.0 49.4
 65 12.8 11.2 16.8





#25

Isophorone

Concen: 43.02 ng

RT: 7.48 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

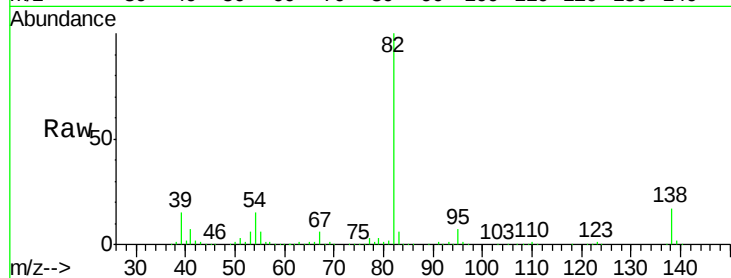
Tgt Ion: 82 Resp: 952381

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

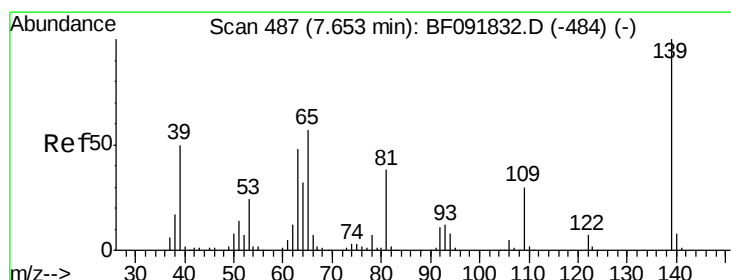
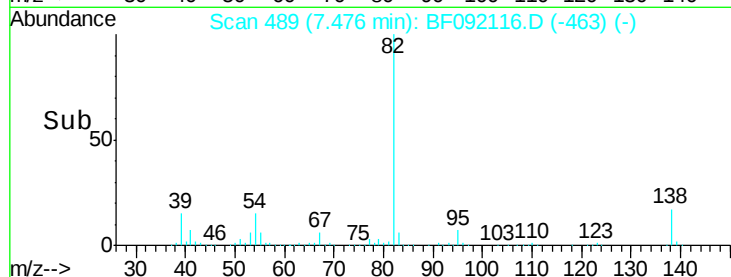
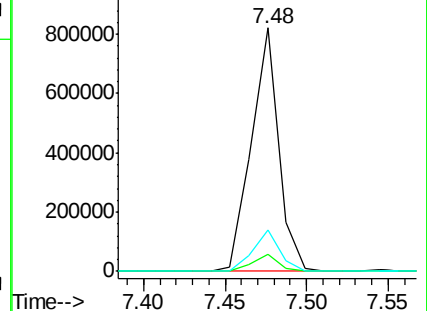
138 16.8 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.16 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

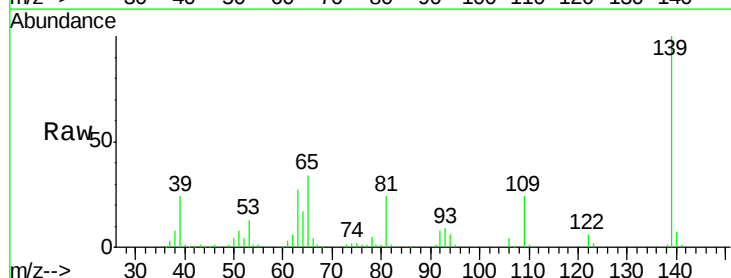
Tgt Ion: 139 Resp: 234195

Ion Ratio Lower Upper

139 100

109 23.8 23.3 34.9

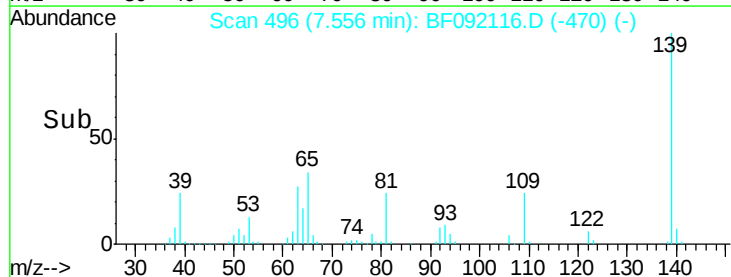
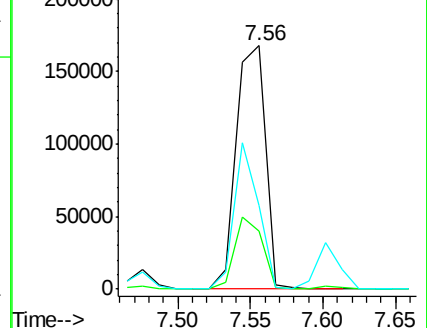
65 34.3 42.7 64.1#

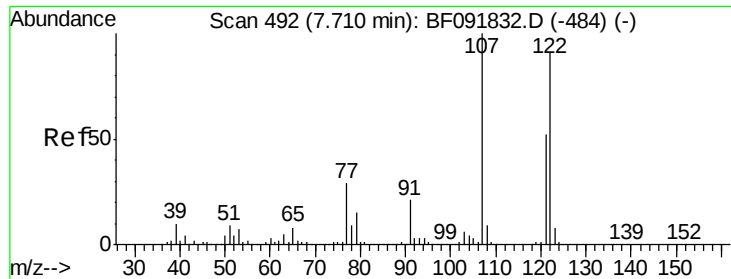


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 35.73 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

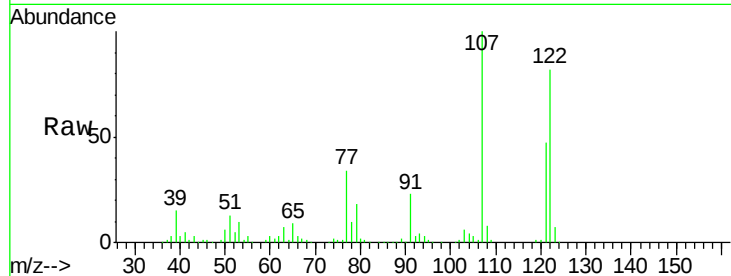
Tgt Ion:122 Resp: 373479

Ion Ratio Lower Upper

122 100

107 121.9 94.1 141.1

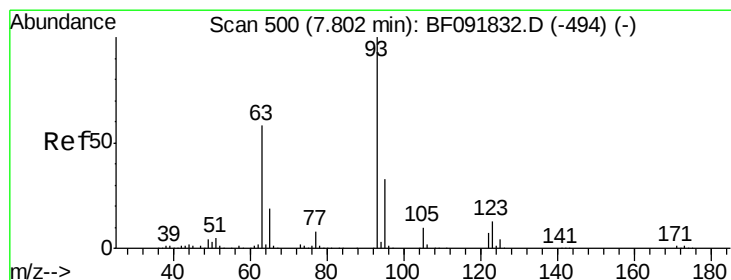
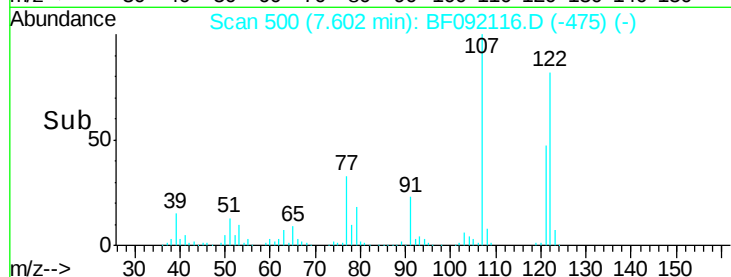
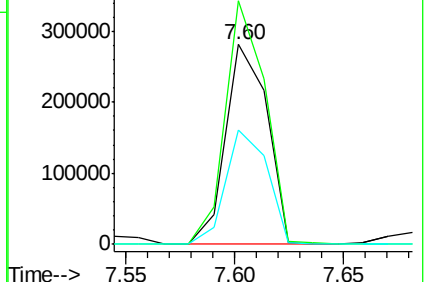
121 57.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.86 ng

RT: 7.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

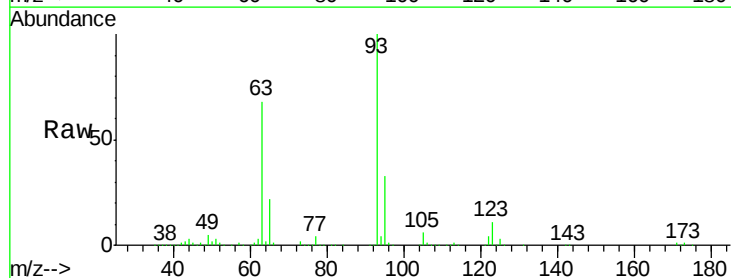
Tgt Ion: 93 Resp: 575411

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

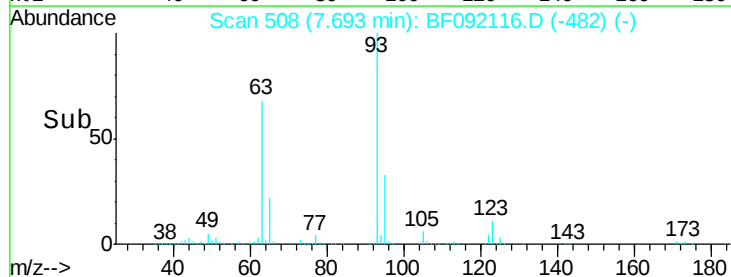
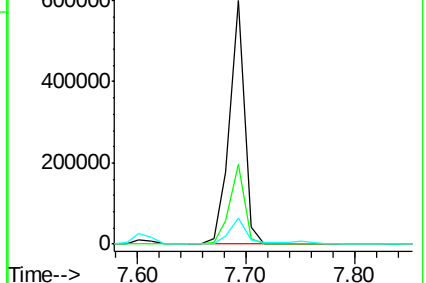
123 10.7 8.6 13.0

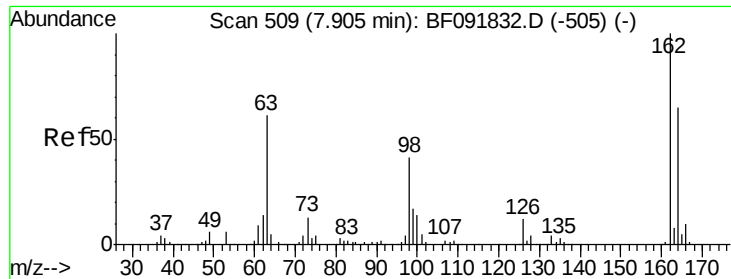


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

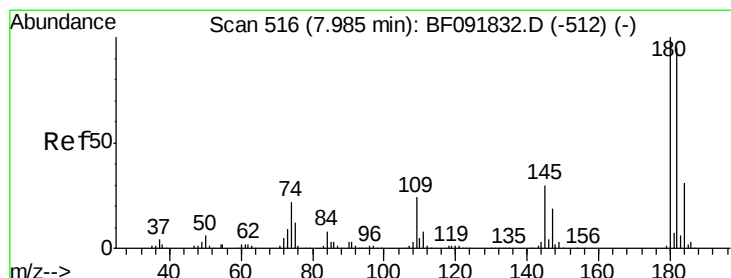
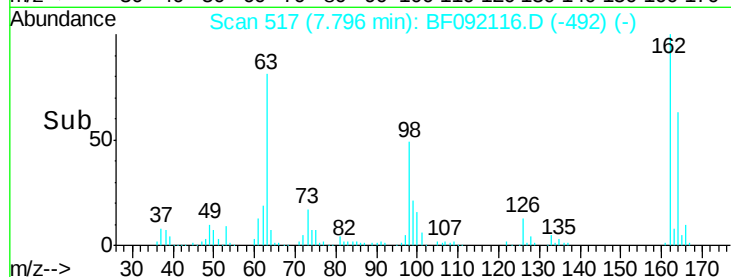
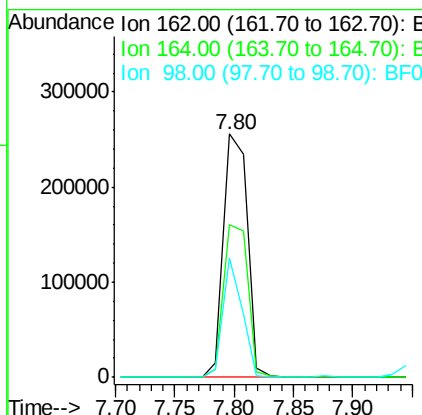
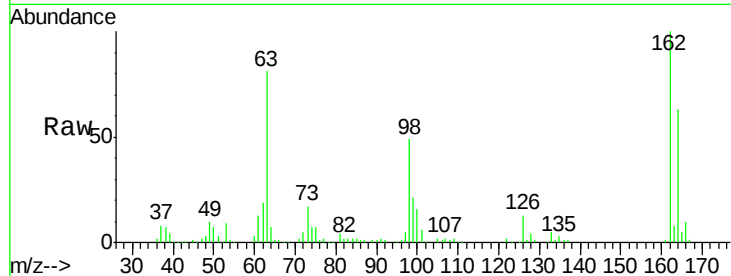




#29
2,4-Dichlorophenol
Concen: 40.15 ng
RT: 7.80 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

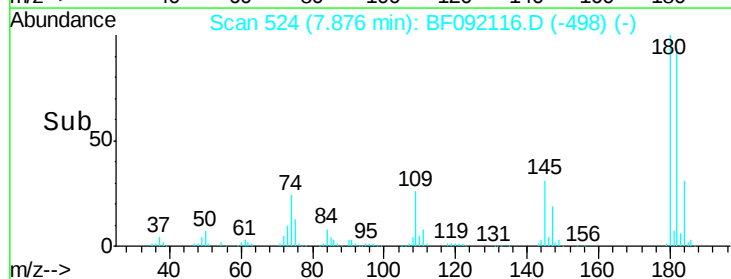
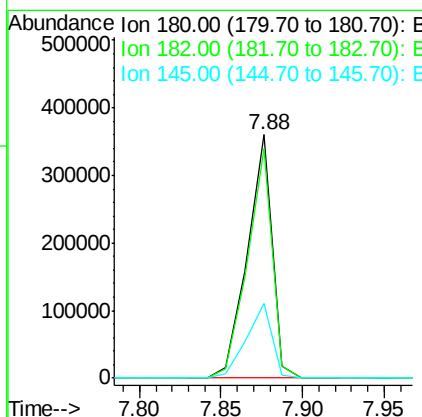
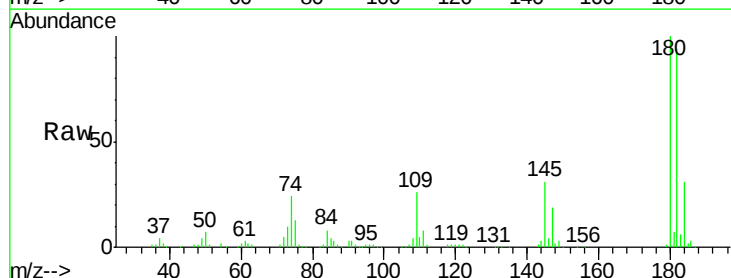
Instrument :
BNA_F
ClientSampleId :
PB95798BSD

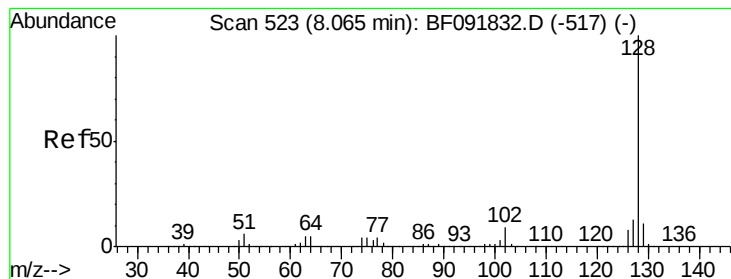
Tgt Ion:162 Resp: 355352
Ion Ratio Lower Upper
162 100
164 62.7 46.8 86.8
98 49.1 9.1 49.1#



#30
1,2,4-Trichlorobenzene
Concen: 38.92 ng
RT: 7.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion:180 Resp: 377544
Ion Ratio Lower Upper
180 100
182 94.1 78.2 117.4
145 30.5 21.6 32.4





#31

Naphthalene

Concen: 43.60 ng

RT: 7.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

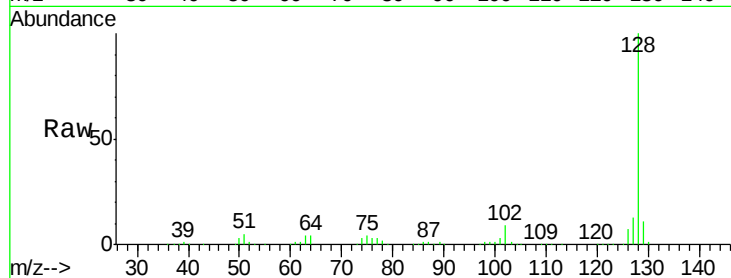
Tgt Ion:128 Resp: 1331406

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

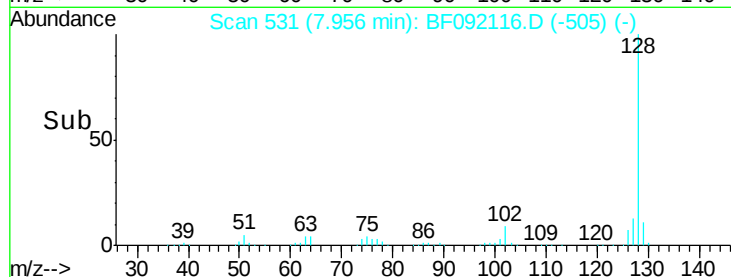
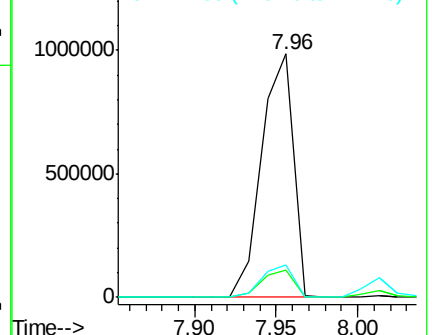
127 13.3 10.8 16.2



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: 38.40 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

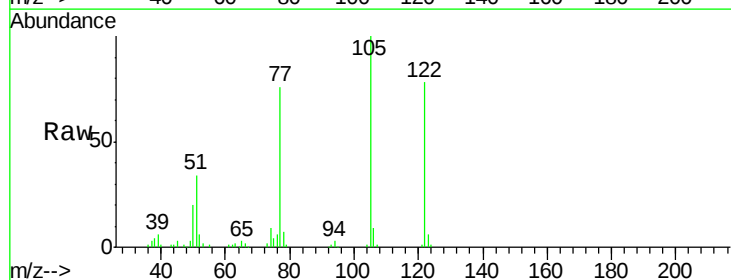
Tgt Ion:122 Resp: 297757

Ion Ratio Lower Upper

122 100

105 128.3 107.2 147.2

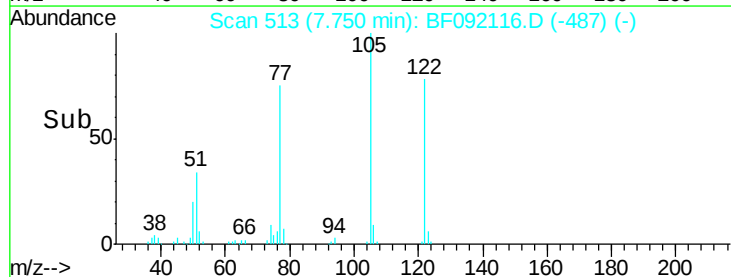
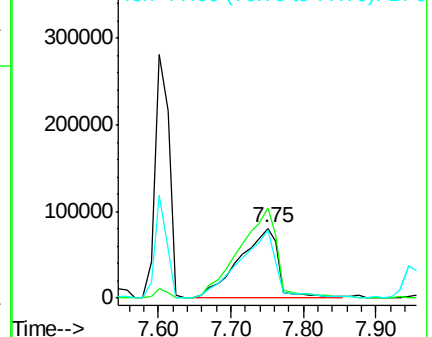
77 97.0 74.5 114.5



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

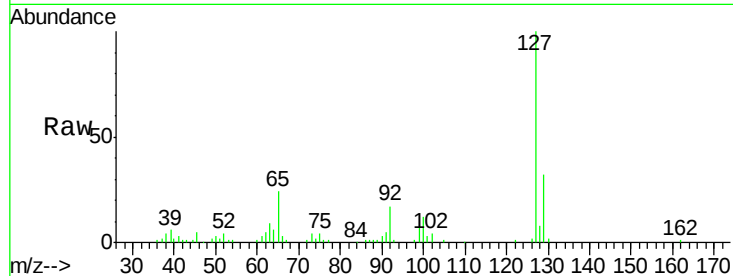




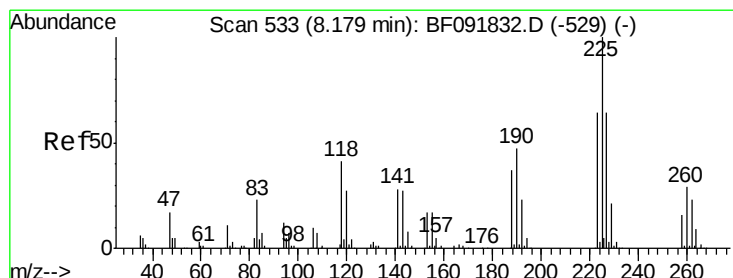
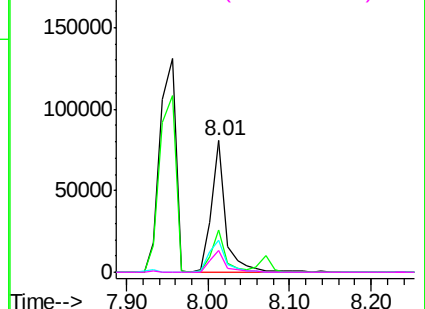
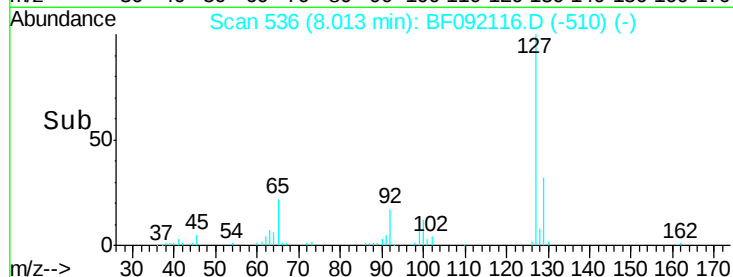
#33
4-Chloroaniline
Concen: 7.30 ng
RT: 8.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
PB95798BSD

Tgt Ion:	127	Resp:	100500
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	24.3	25.8	38.8#
92	16.9	16.1	24.1

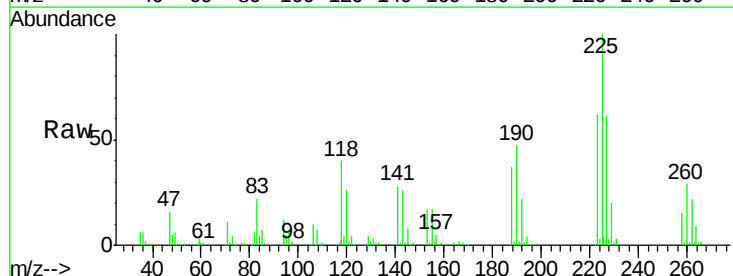


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

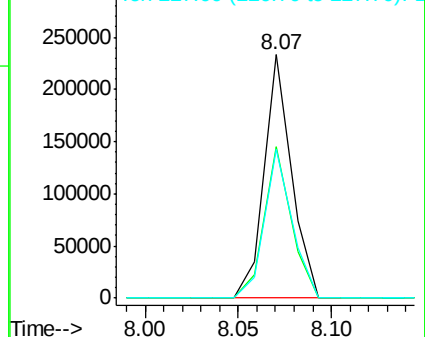
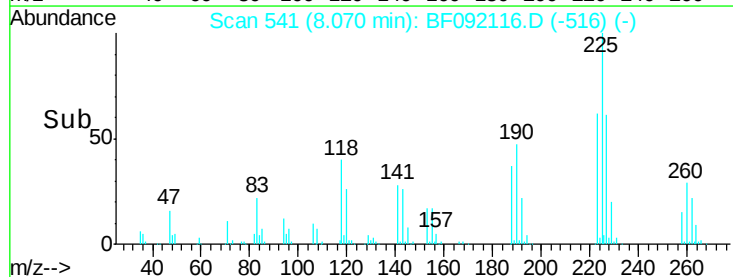


#34
Hexachlorobutadiene
Concen: 45.88 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion:	225	Resp:	234890
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	61.1	50.6	76.0



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

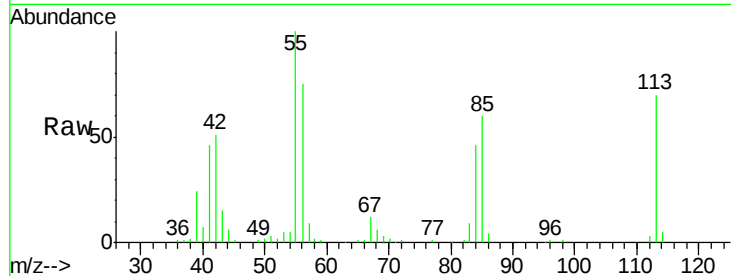




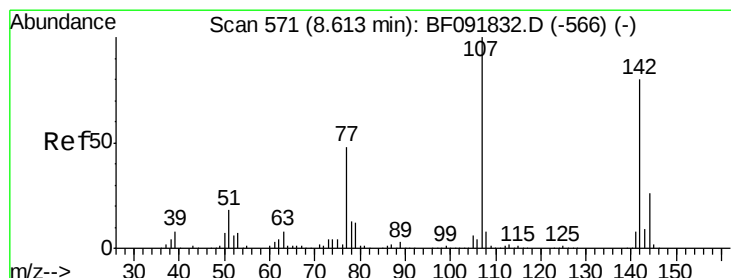
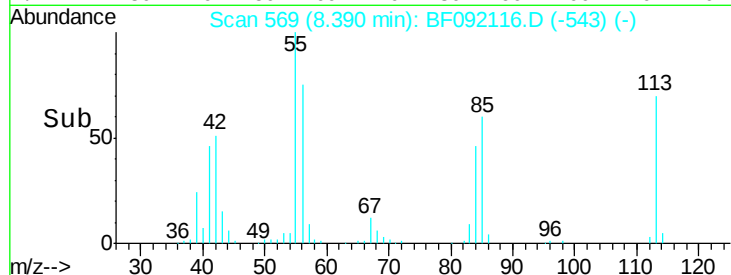
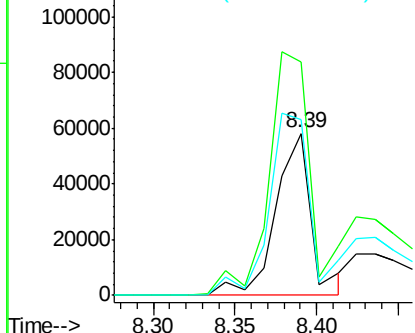
#35
 Caprolactam
 Concen: 30.49 ng
 RT: 8.39 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tgt Ion:113 Resp: 88673
 Ion Ratio Lower Upper
 113 100
 55 143.8 119.2 159.2
 56 108.1 83.8 123.8

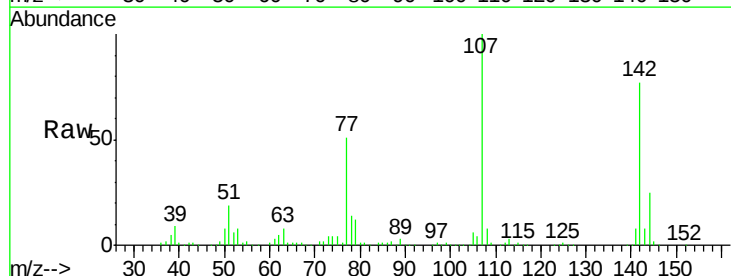


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

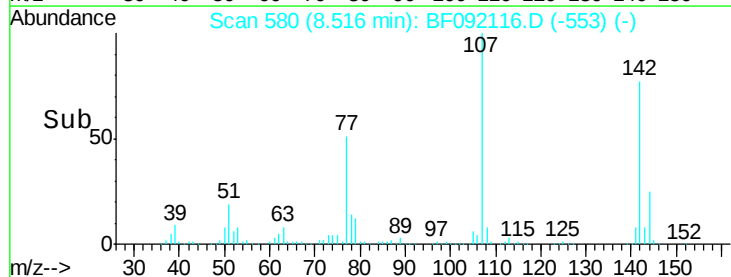
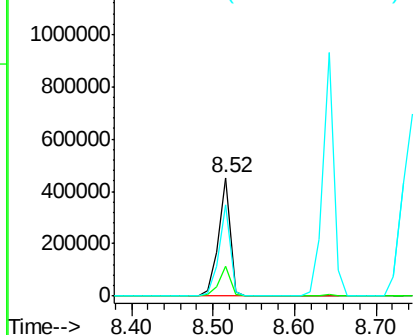


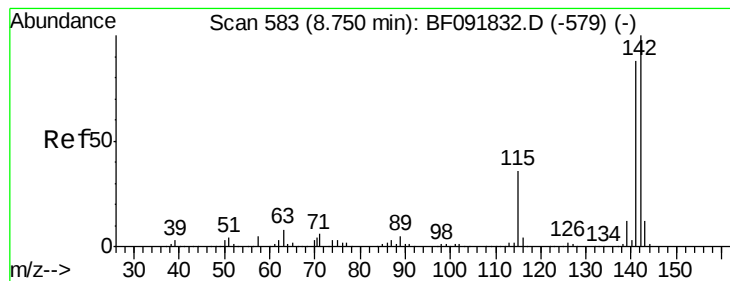
#36
 4-Chloro-3-methylphenol
 Concen: 44.80 ng
 RT: 8.52 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion:107 Resp: 456276
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.3 28.9
 142 77.3 59.0 88.6



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





#37

2-Methylnaphthalene

Concen: 48.03 ng

RT: 8.64 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

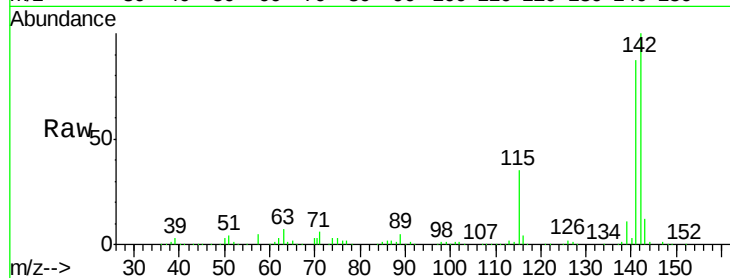
Tgt Ion:142 Resp: 867316

Ion Ratio Lower Upper

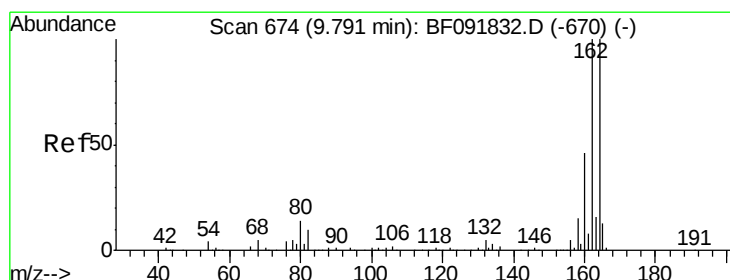
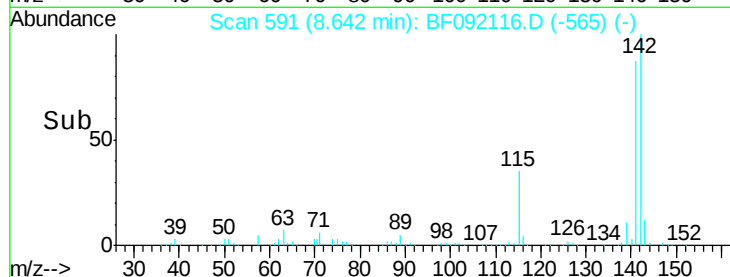
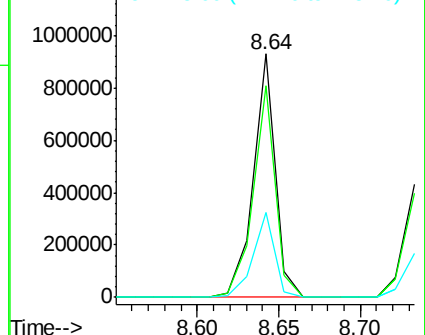
142 100

141 87.0 71.0 106.6

115 35.0 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

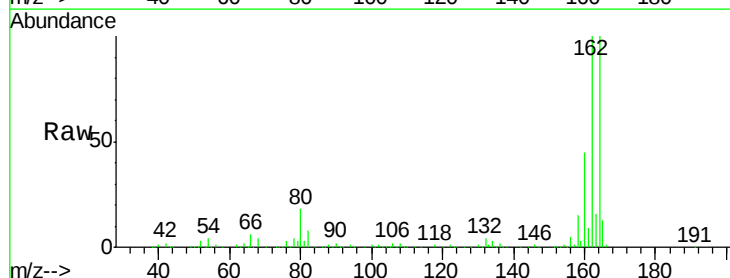
Tgt Ion:164 Resp: 391027

Ion Ratio Lower Upper

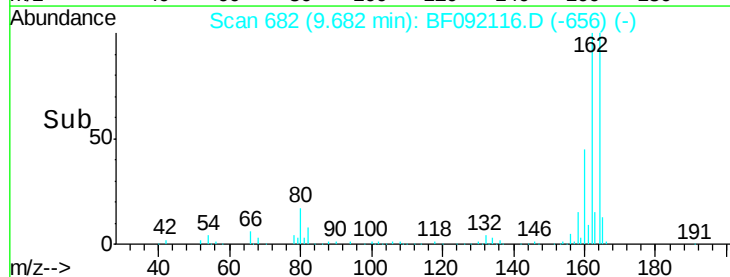
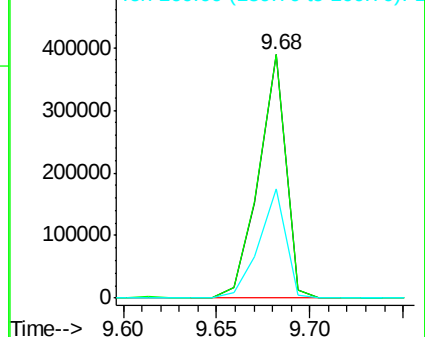
164 100

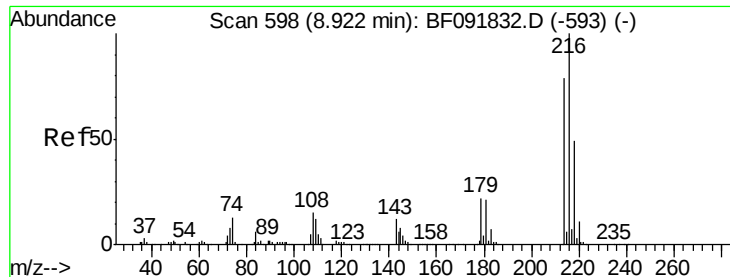
162 100.1 80.2 120.2

160 44.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

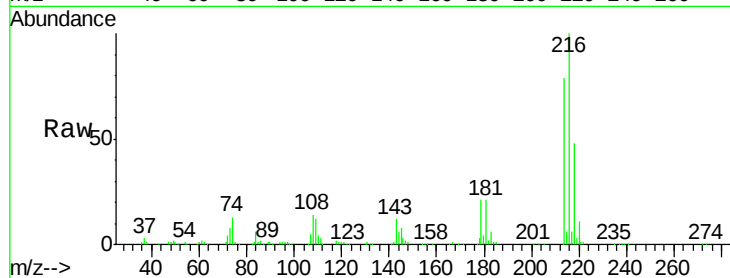




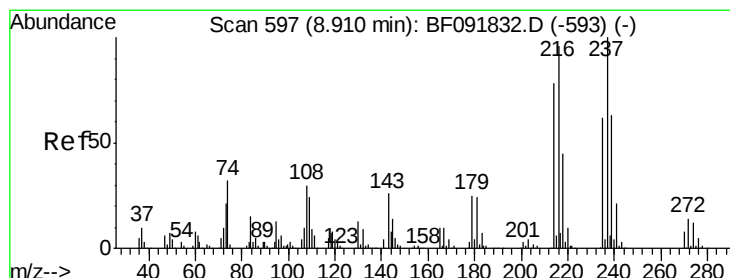
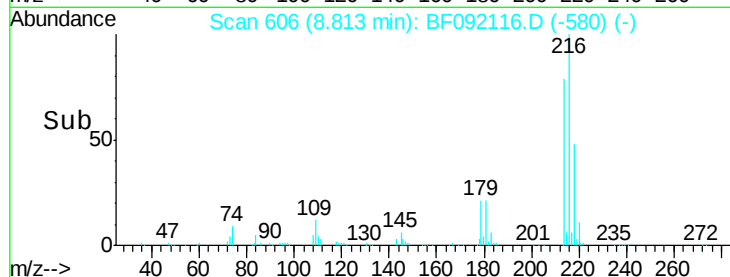
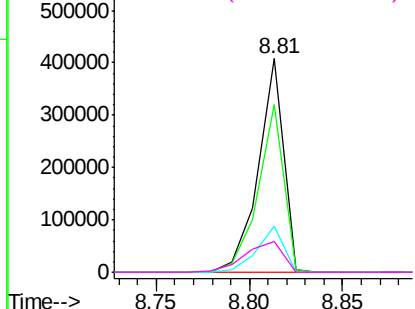
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.74 ng
 RT: 8.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tgt Ion:	216	Resp:	382692
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	22.6	17.4	26.2
108	21.7	15.6	23.4

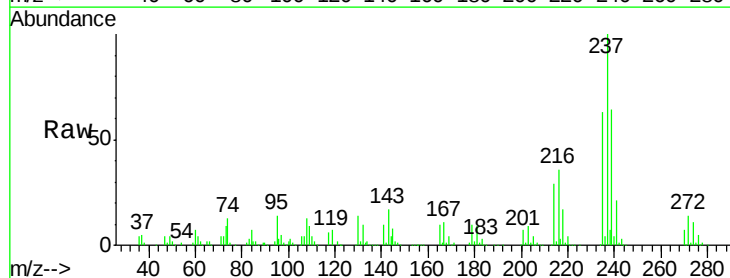


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

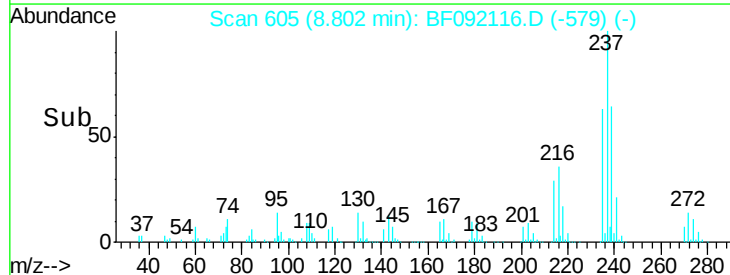
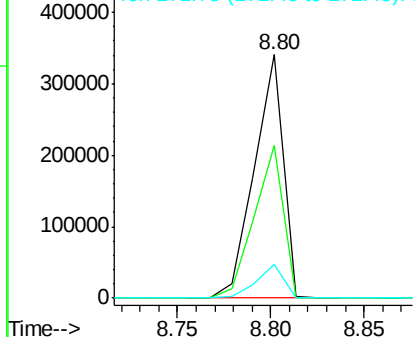


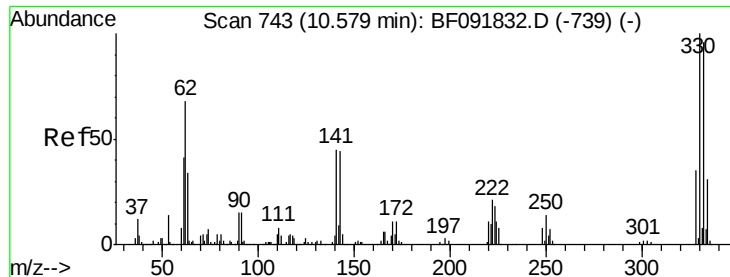
#40
 Hexachlorocyclopentadiene
 Concen: 82.37 ng
 RT: 8.80 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion:	237	Resp:	362957
Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.2	81.2
272	14.1	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

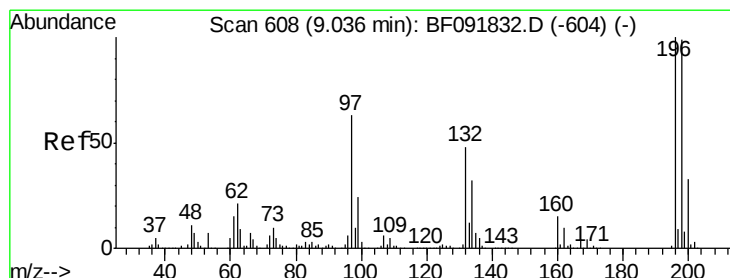
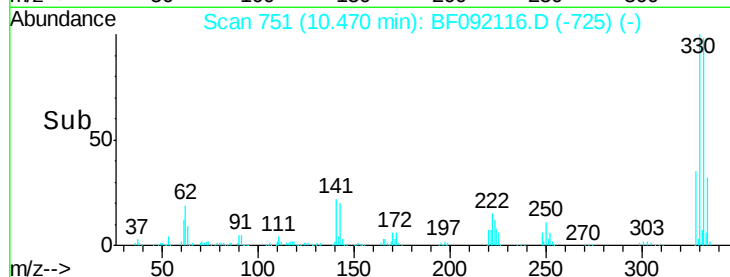
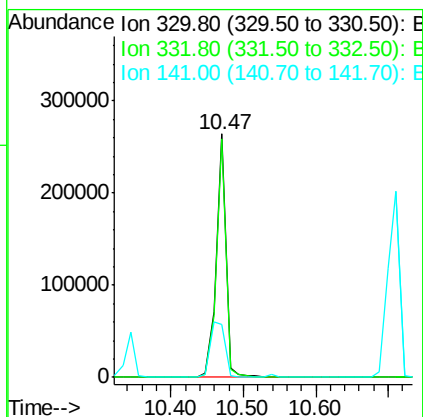
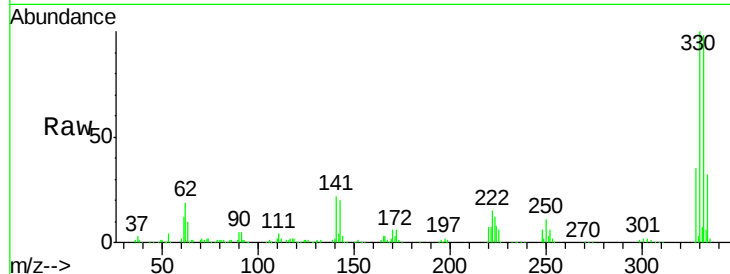




#41
 2,4,6-Tribromophenol
 Concen: 76.16 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

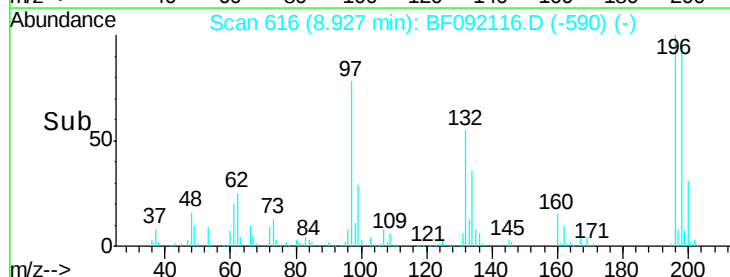
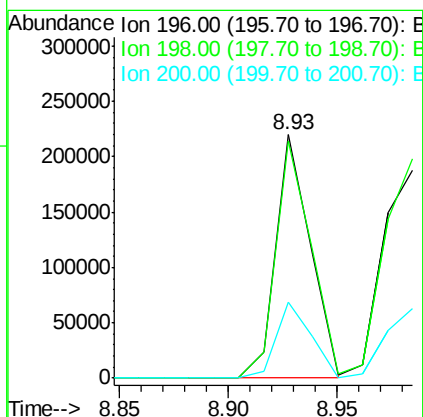
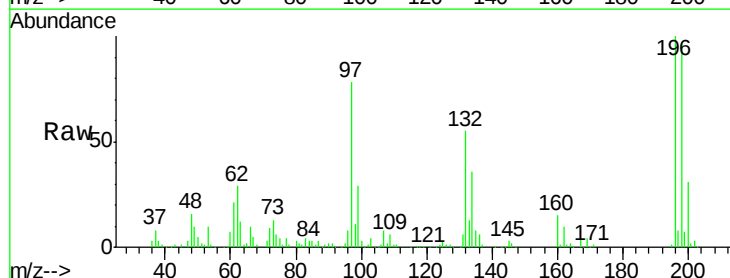
Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tgt Ion:330 Resp: 246468
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 34.6 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 35.66 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion:196 Resp: 246353
 Ion Ratio Lower Upper
 196 100
 198 97.4 82.1 123.1
 200 31.2 27.0 40.4

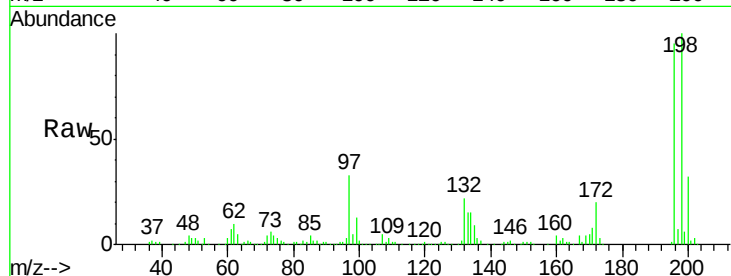




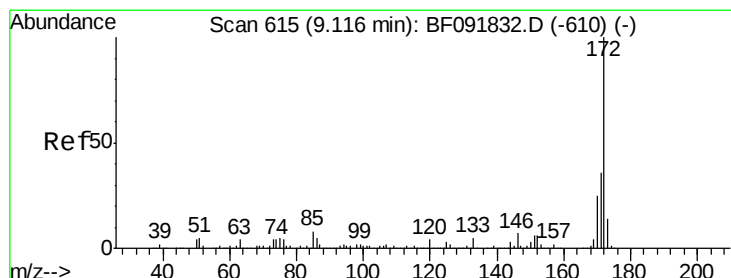
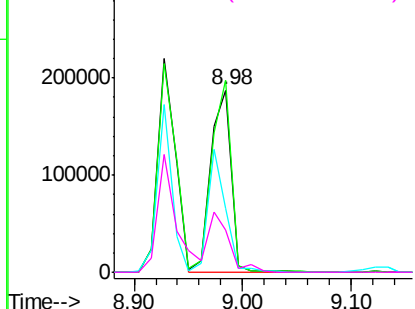
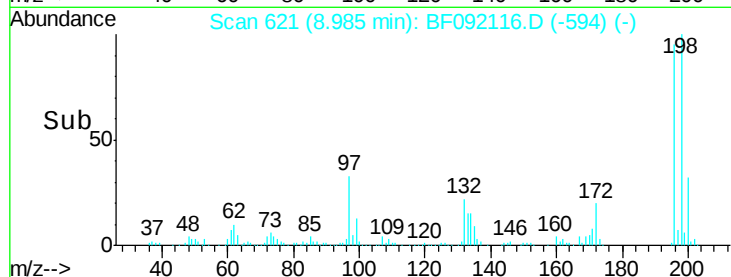
#43
 2,4,5-Trichlorophenol
 Concen: 34.83 ng
 RT: 8.98 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	105.3	79.4	119.2
97	34.8	51.5	77.3#
132	23.1	27.4	41.2#

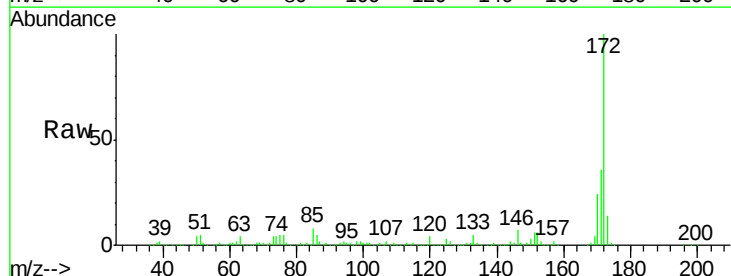


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

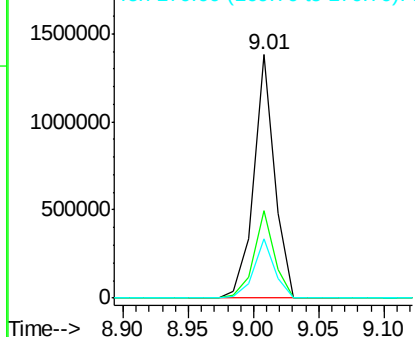
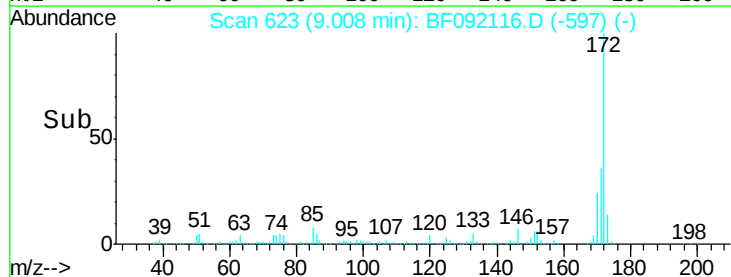


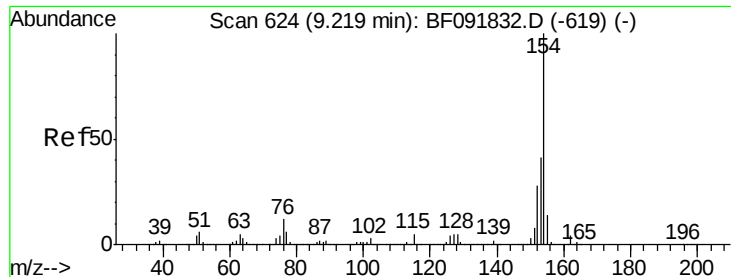
#44
 2-Fluorobiphenyl
 Concen: 79.73 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.2	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

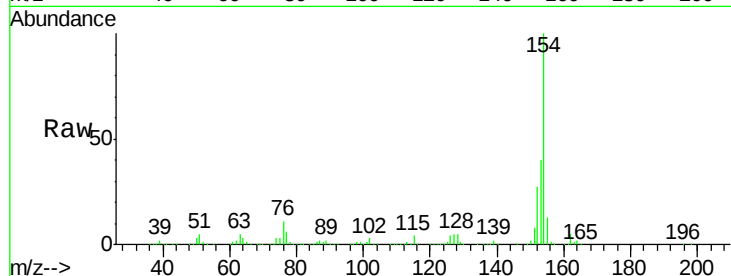




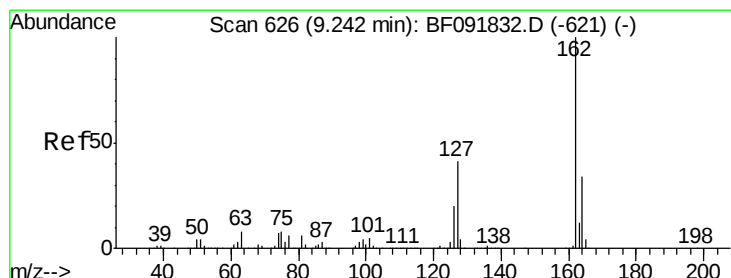
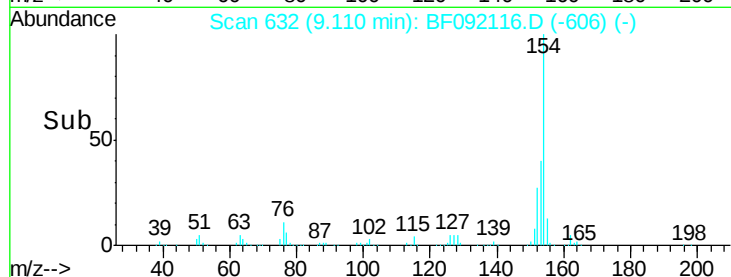
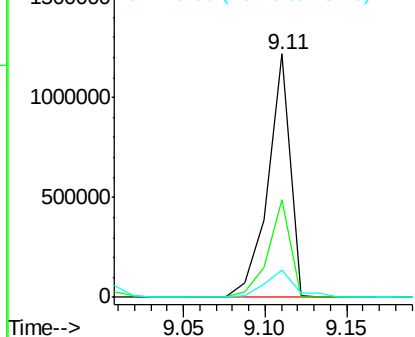
#45
 1,1'-Biphenyl
 Concen: 43.13 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tgt Ion:154 Resp: 1154676
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.9 60.9
 76 11.1 0.0 30.5

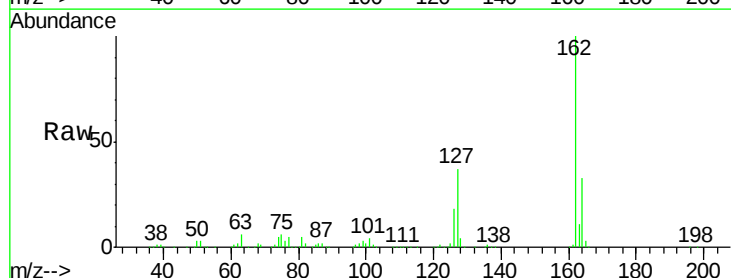


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

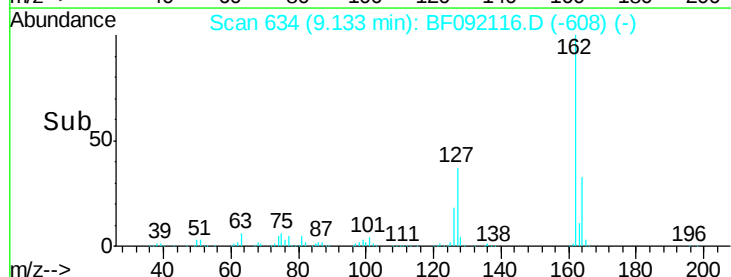
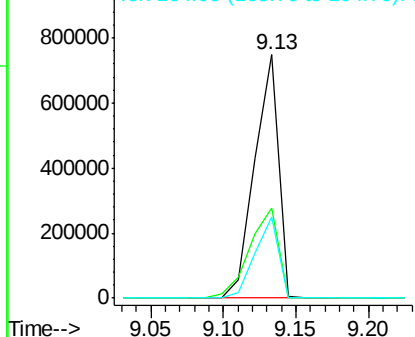


#46
 2-Chloronaphthalene
 Concen: 40.29 ng
 RT: 9.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion:162 Resp: 854253
 Ion Ratio Lower Upper
 162 100
 127 37.0 30.7 46.1
 164 33.4 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

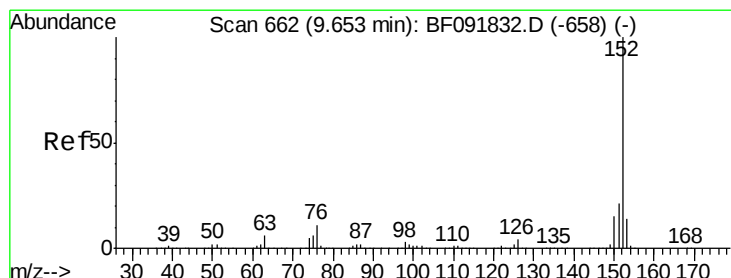
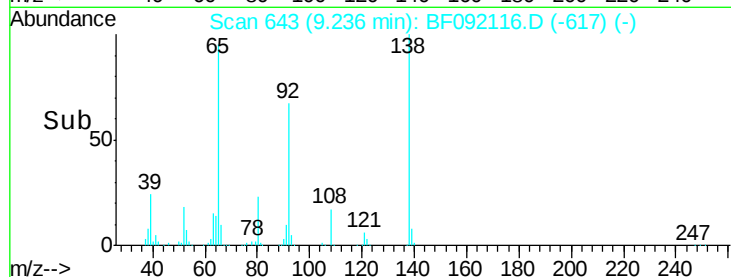
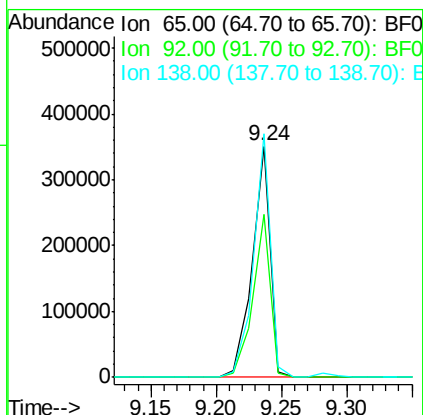
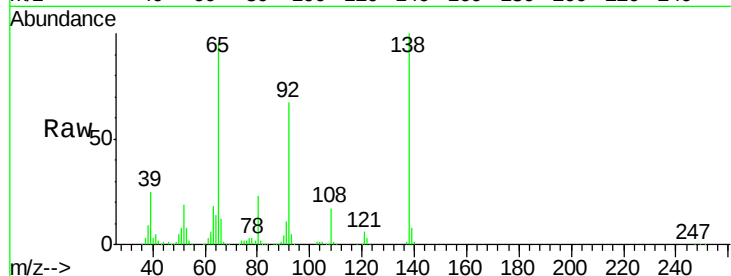




#47
2-Nitroaniline
Concen: 44.47 ng
RT: 9.24 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

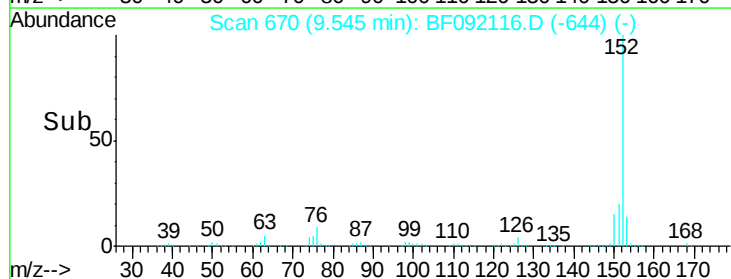
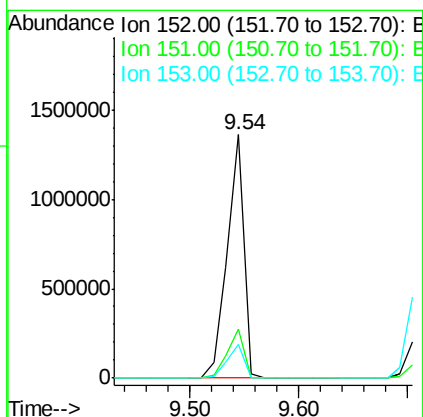
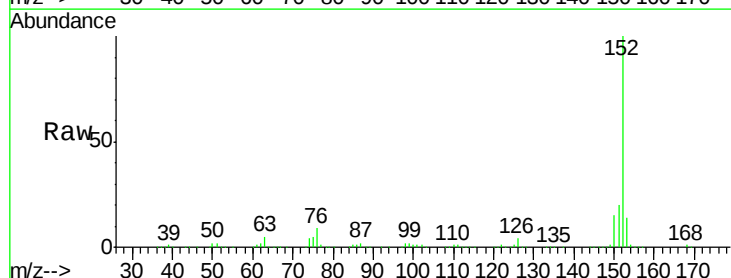
Instrument :
BNA_F
ClientSampleId :
PB95798BSD

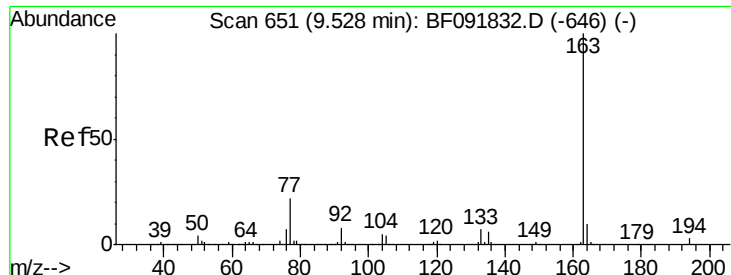
Tgt Ion: 65 Resp: 335722
Ion Ratio Lower Upper
65 100
92 70.6 53.9 80.9
138 105.3 76.8 115.2



#48
Acenaphthylene
Concen: 44.09 ng
RT: 9.54 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion: 152 Resp: 1437688
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.9 11.4 17.2





#49

Dimethylphthalate

Concen: 40.69 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

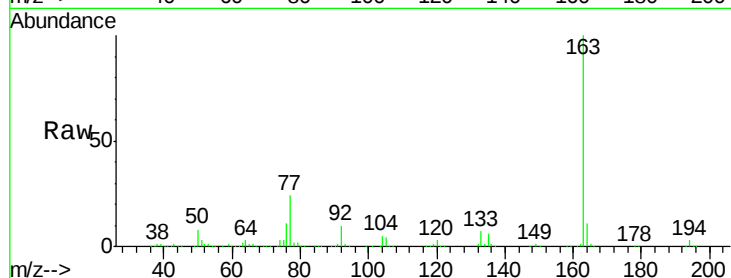
Tgt Ion:163 Resp: 1017679

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

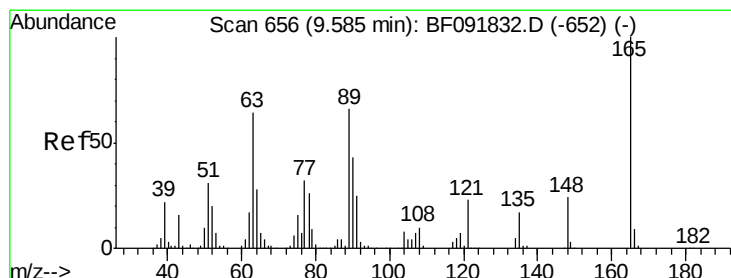
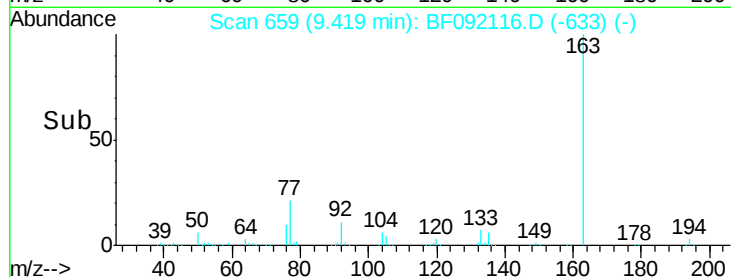
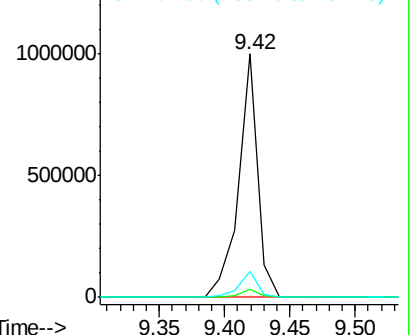
164 10.5 8.0 12.0



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: 39.46 ng

RT: 9.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

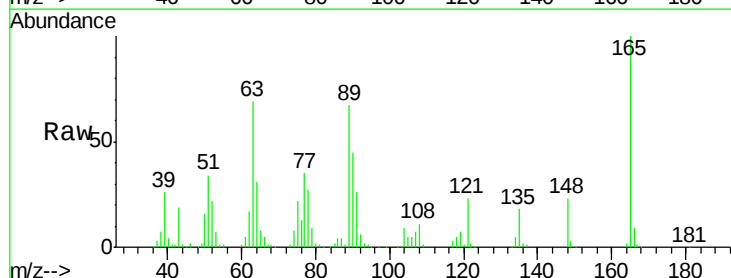
Tgt Ion:165 Resp: 216007

Ion Ratio Lower Upper

165 100

63 69.3 36.2 54.4#

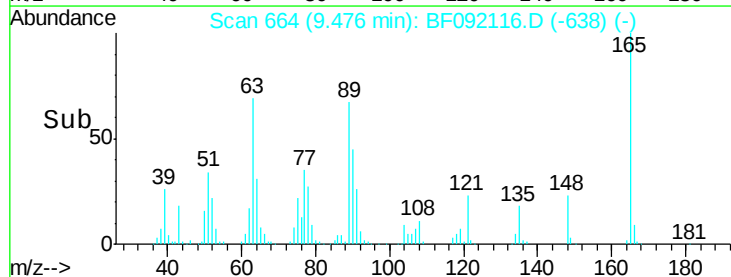
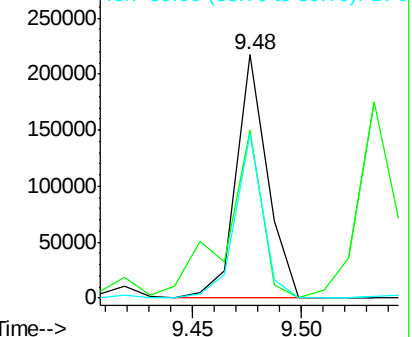
89 67.3 40.2 60.4#

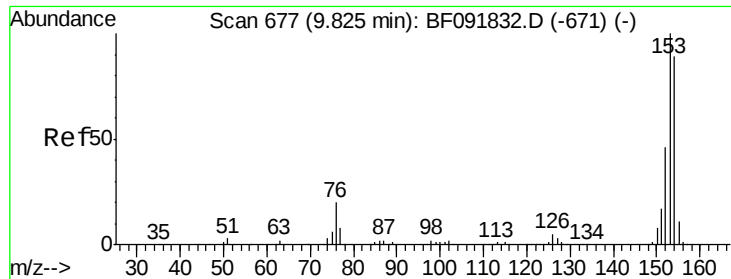


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

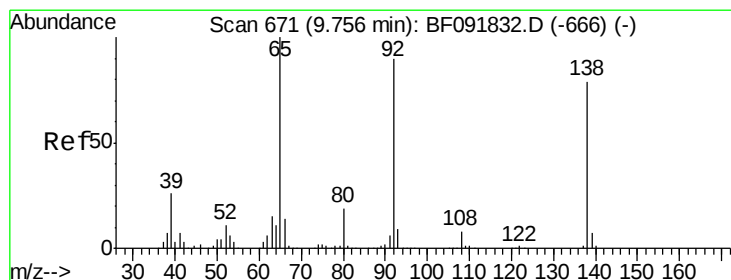
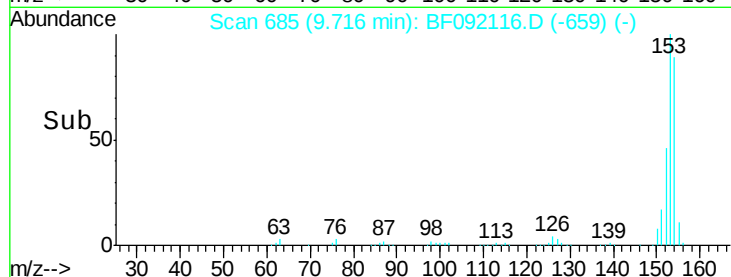
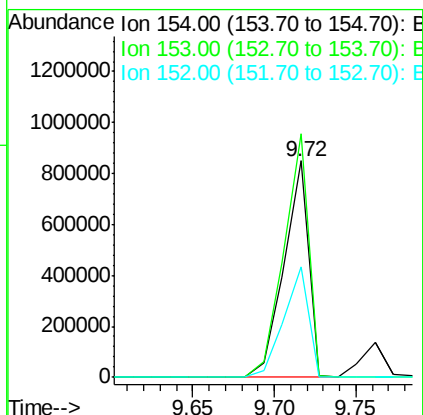
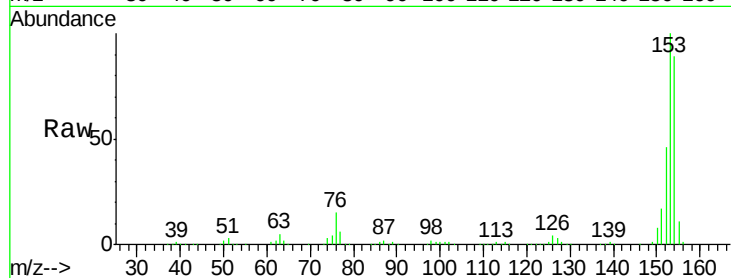




#51
Acenaphthene
Concen: 40.68 ng
RT: 9.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

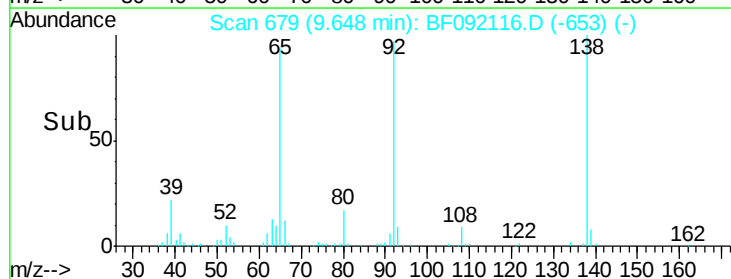
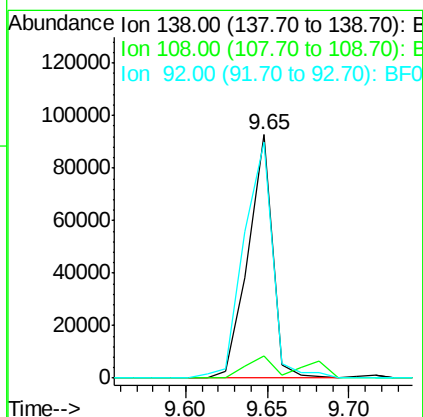
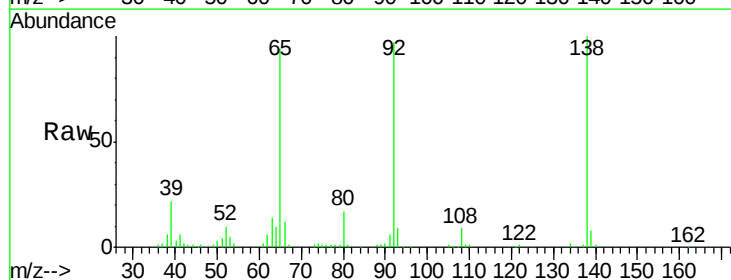
Instrument :
BNA_F
ClientSampleId :
PB95798BSD

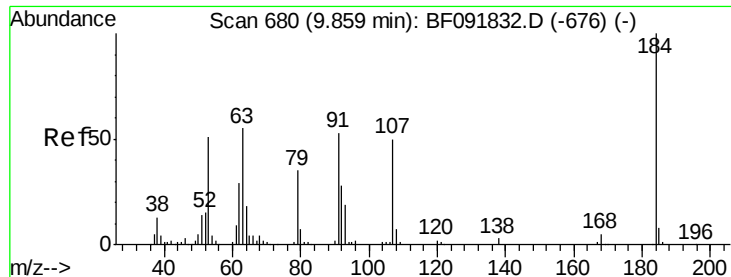
Tgt Ion:154 Resp: 899235
Ion Ratio Lower Upper
154 100
153 112.6 88.6 133.0
152 51.3 41.6 62.4



#52
3-Nitroaniline
Concen: 14.26 ng
RT: 9.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion:138 Resp: 96608
Ion Ratio Lower Upper
138 100
108 8.9 8.5 12.7
92 97.0 97.8 146.8#

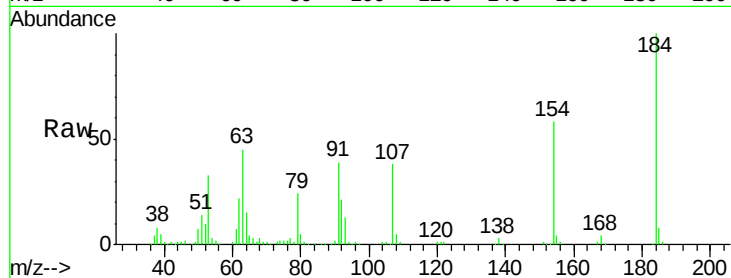




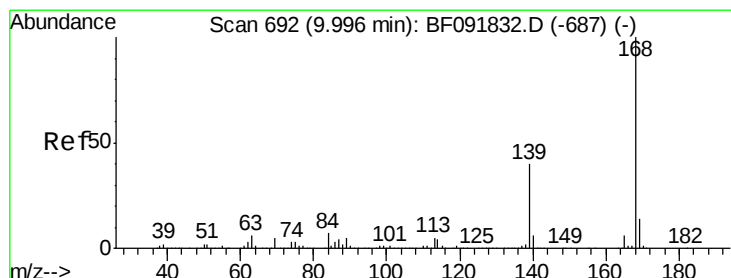
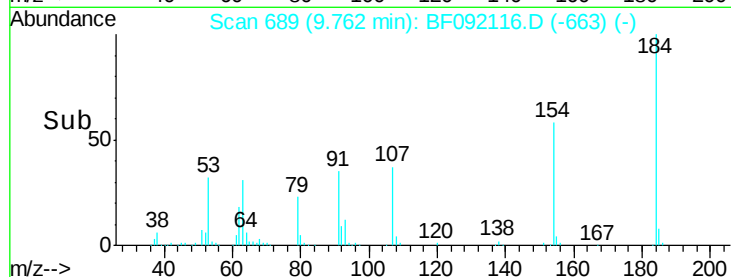
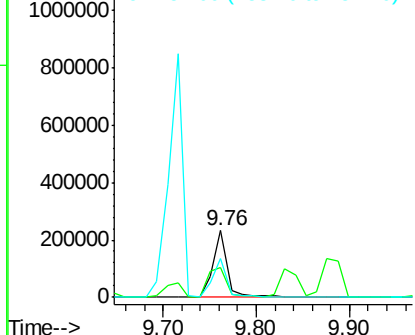
#53
 2,4-Dinitrophenol
 Concen: 83.20 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tgt Ion:184 Resp: 253401
 Ion Ratio Lower Upper
 184 100
 63 45.3 28.4 42.6#
 154 58.0 44.3 66.5

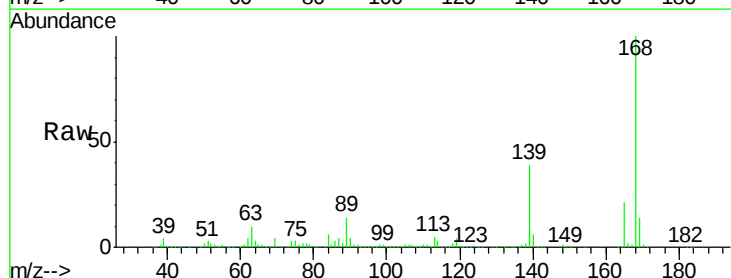


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

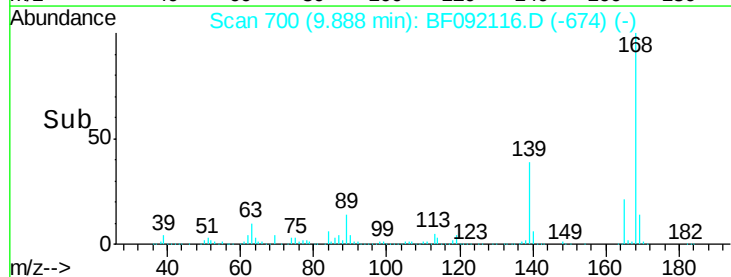
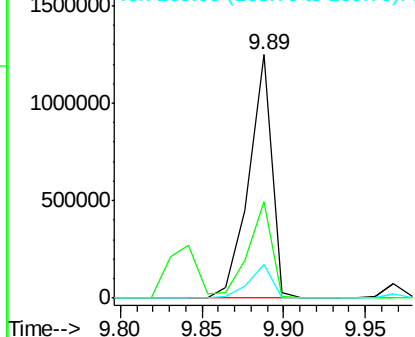


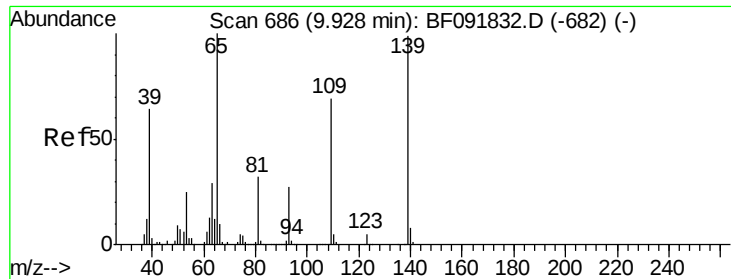
#54
 Dibenzofuran
 Concen: 40.87 ng
 RT: 9.89 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion:168 Resp: 1220064
 Ion Ratio Lower Upper
 168 100
 139 39.5 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

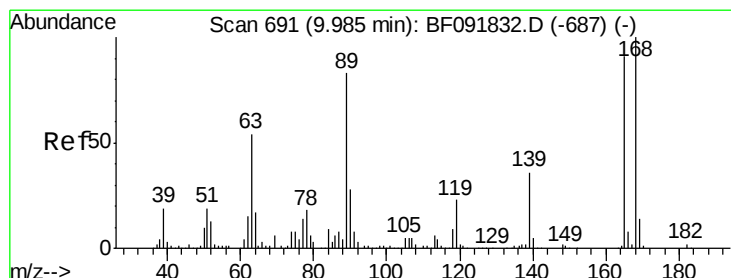
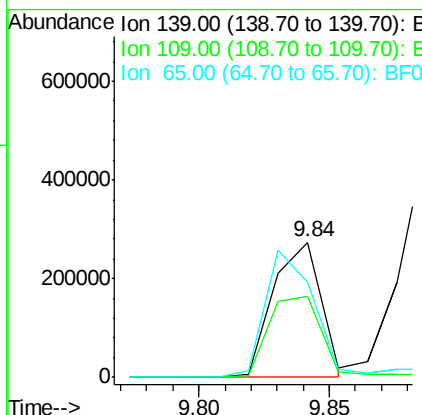
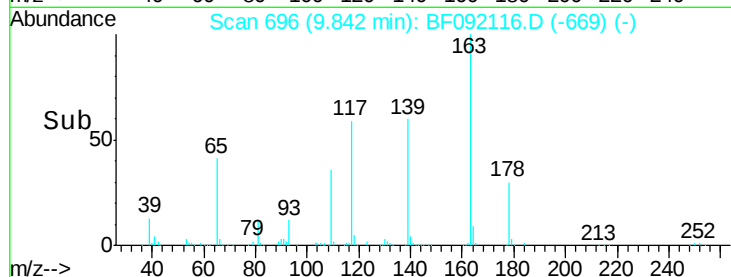
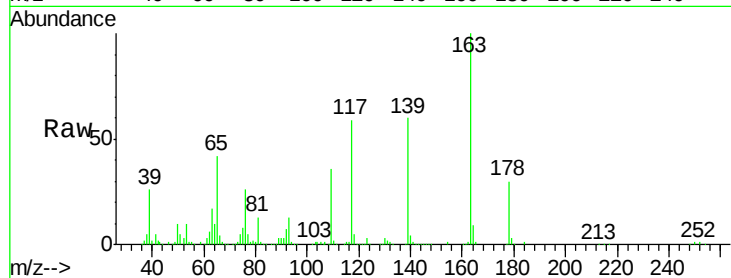




#55
4-Nitrophenol
Concen: 75.91 ng
RT: 9.84 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

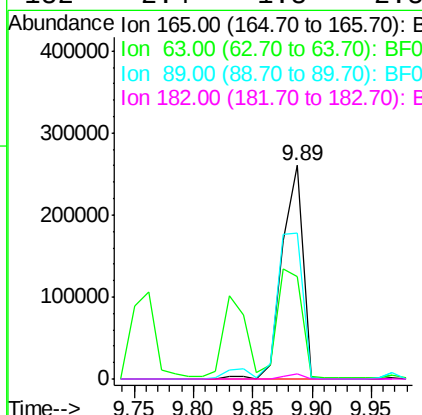
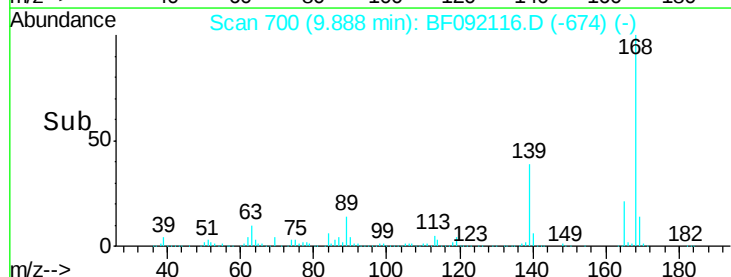
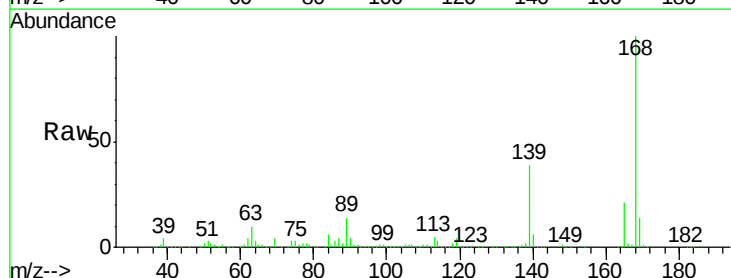
Instrument :
BNA_F
ClientSampleId :
PB95798BSD

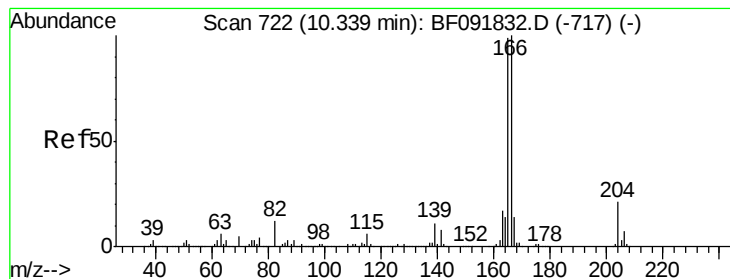
Tgt Ion:139 Resp: 349158
Ion Ratio Lower Upper
139 100
109 59.7 52.2 92.2
65 70.2 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 45.48 ng
RT: 9.89 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion:165 Resp: 312481
Ion Ratio Lower Upper
165 100
63 47.7 40.2 60.4
89 68.5 62.5 93.7
182 2.4 1.8 2.8





#57

Fluorene

Concen: 43.88 ng

RT: 10.23 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

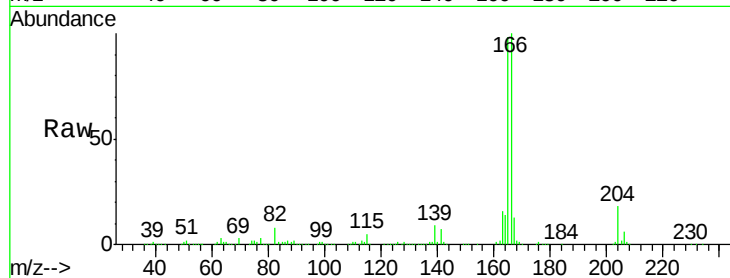
Tgt Ion:166 Resp: 953206

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

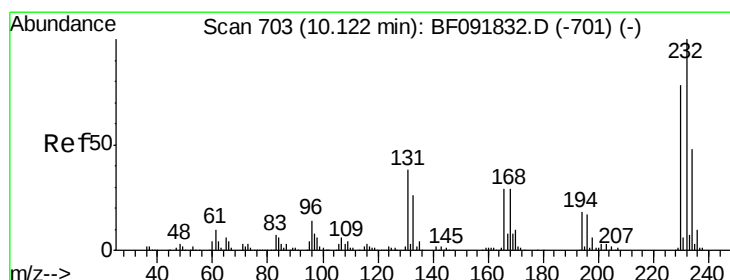
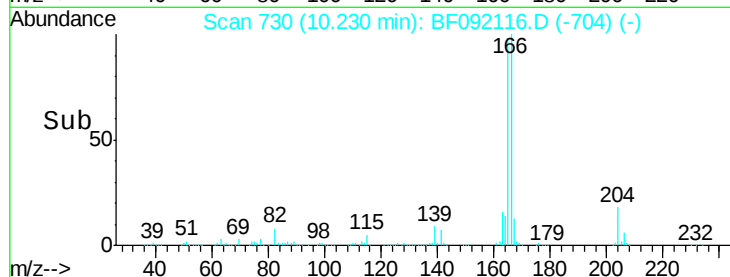
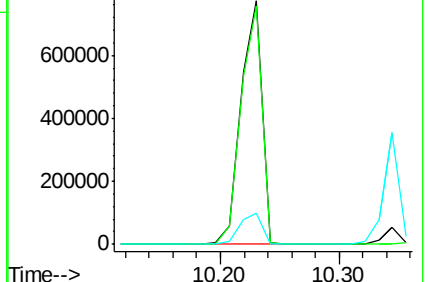
167 12.9 10.8 16.2



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: 45.71 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Tgt Ion:232 Resp: 257078

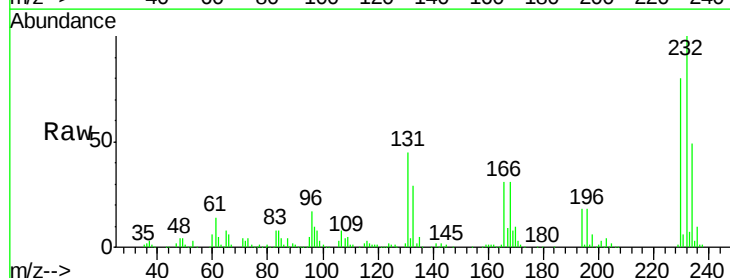
Ion Ratio Lower Upper

232 100

131 48.8 40.1 60.1

130 2.2 1.8 2.8

166 32.0 26.6 39.8

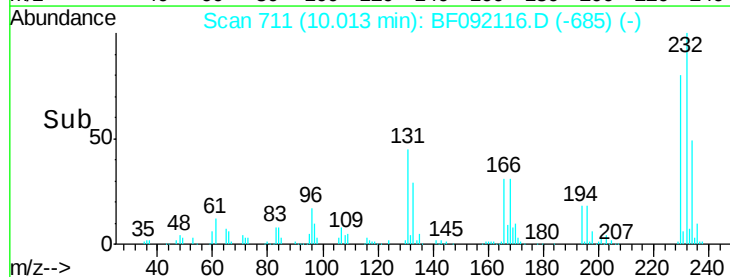
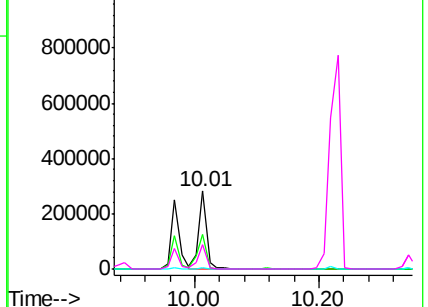


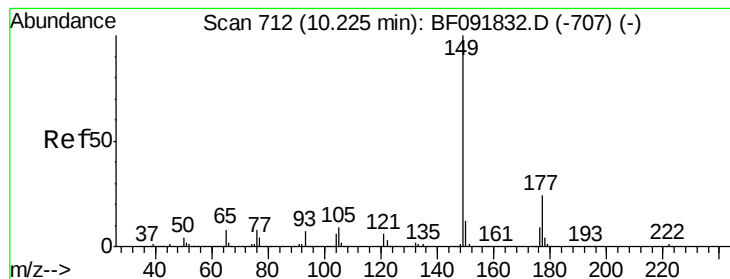
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.25 ng

RT: 10.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

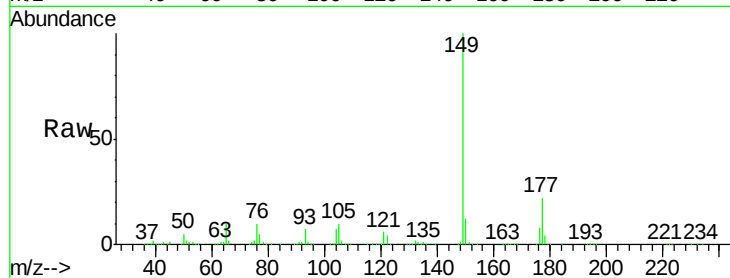
Tgt Ion:149 Resp: 1050460

Ion Ratio Lower Upper

149 100

177 22.1 16.6 25.0

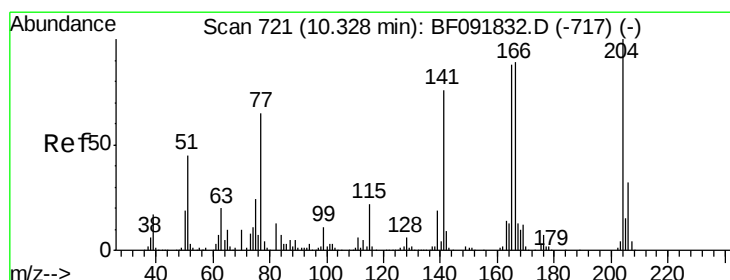
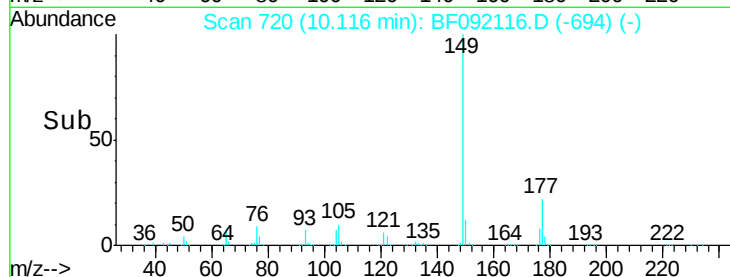
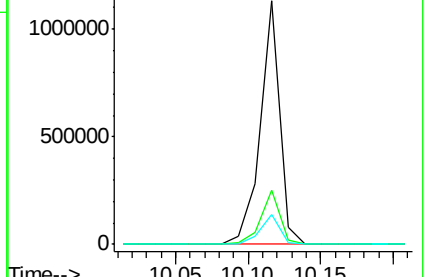
150 12.3 10.4 15.6



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: 40.74 ng

RT: 10.22 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

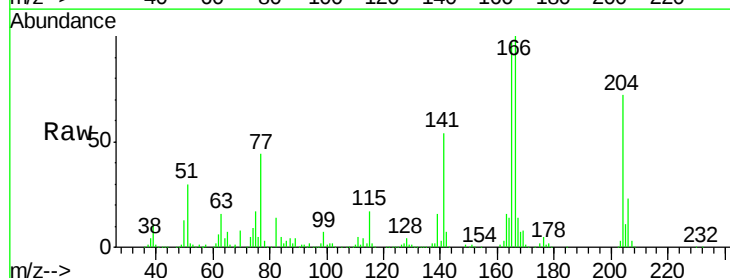
Tgt Ion:204 Resp: 387506

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

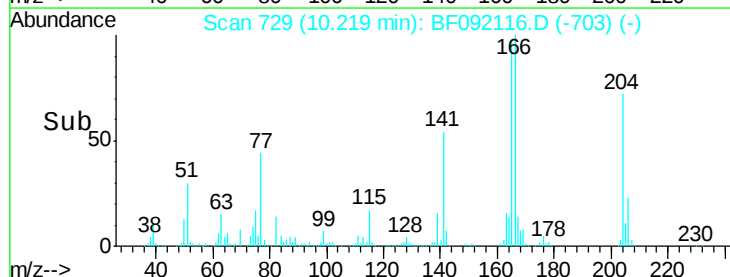
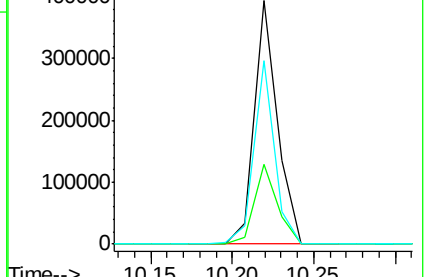
141 75.5 59.4 89.0

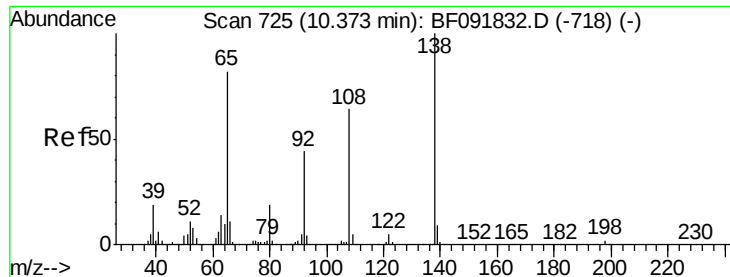


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

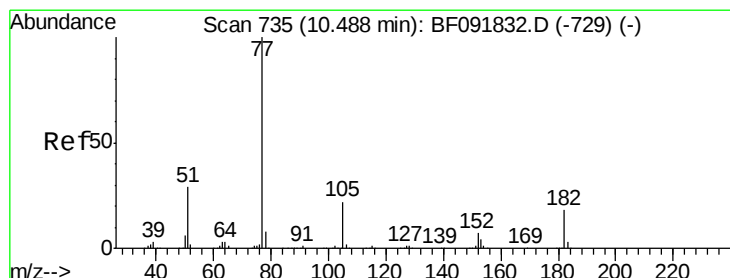
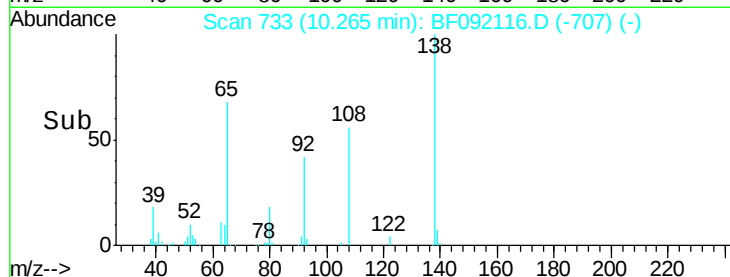
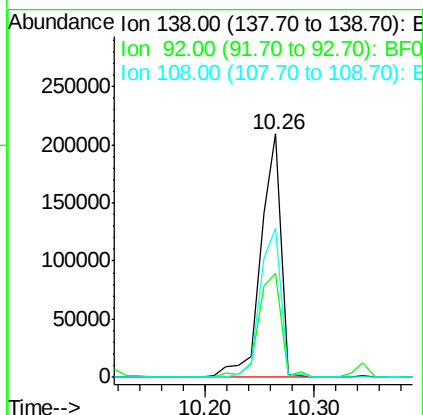
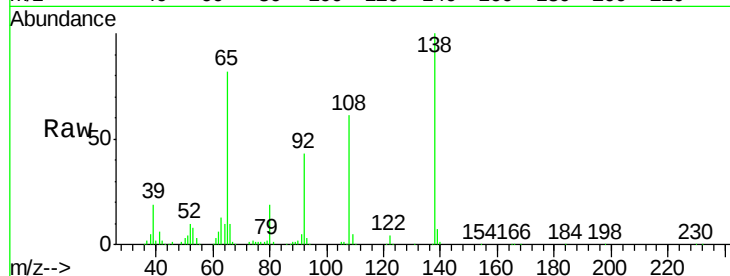




#61
4-Nitroaniline
Concen: 38.44 ng
RT: 10.26 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

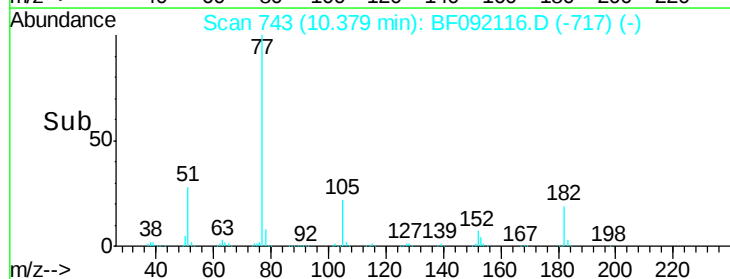
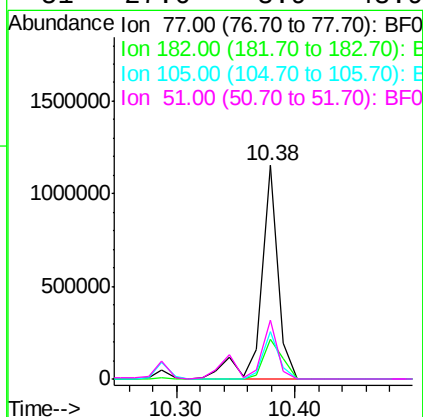
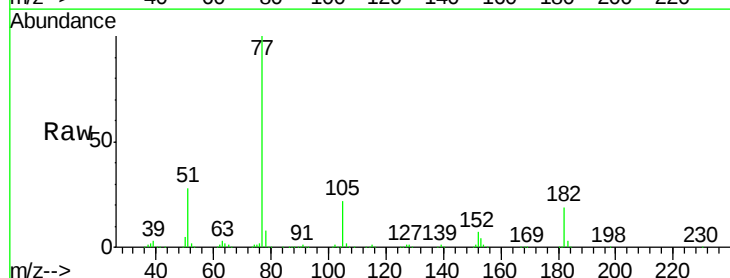
Instrument :
BNA_F
ClientSampleId :
PB95798BSD

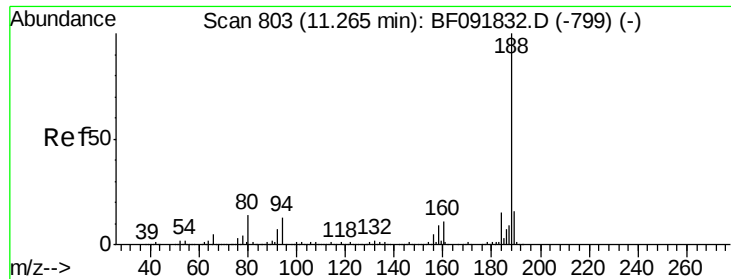
Tgt Ion: 138 Resp: 269836
Ion Ratio Lower Upper
138 100
92 42.7 31.7 71.7
108 61.3 52.6 92.6



#62
Azobenzene
Concen: 43.18 ng
RT: 10.38 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion: 77 Resp: 1154661
Ion Ratio Lower Upper
77 100
182 18.6 0.0 39.3
105 22.3 2.3 42.3
51 27.6 8.9 48.9

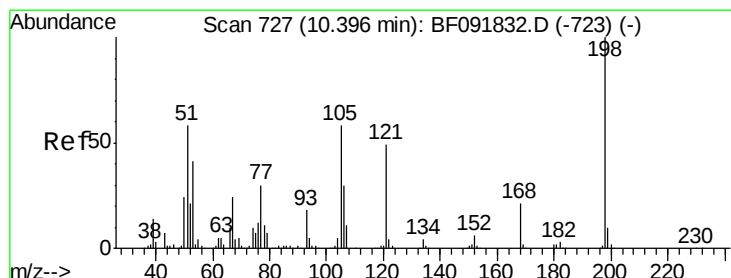
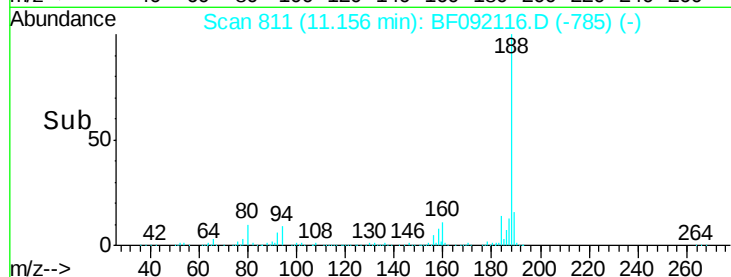
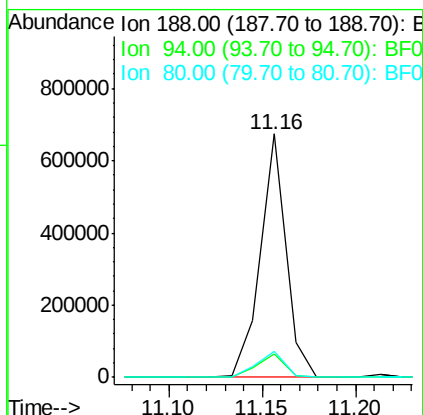
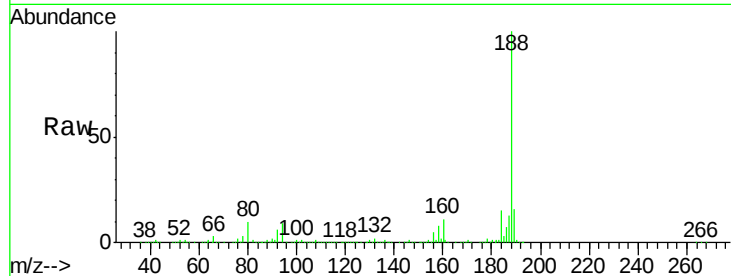




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

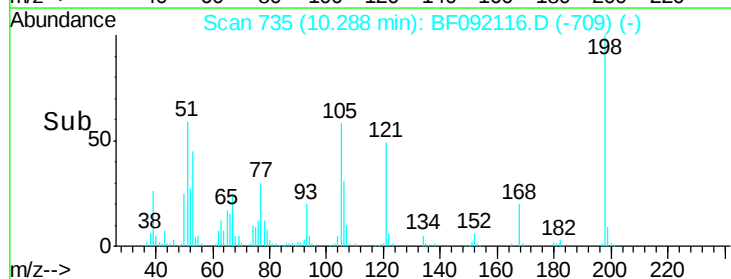
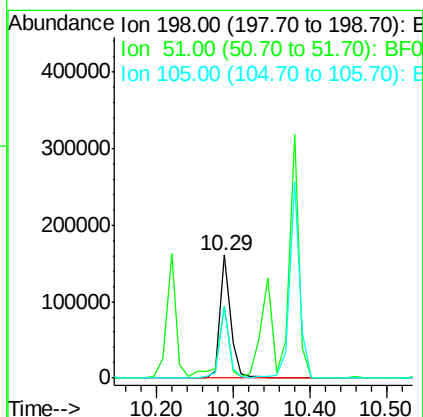
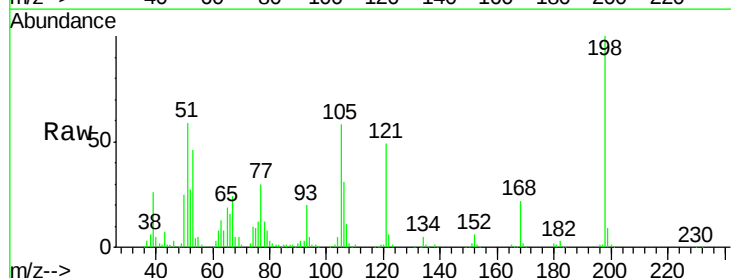
Instrument :
BNA_F
ClientSampleId :
PB95798BSD

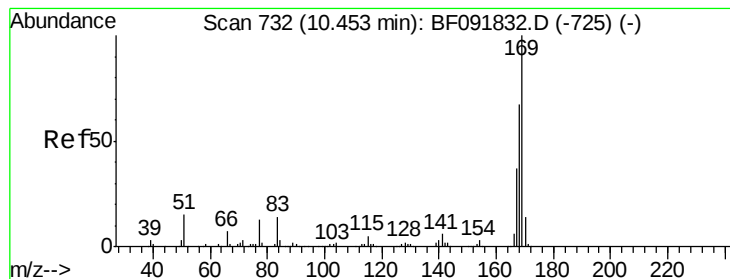
Tgt Ion:188 Resp: 642387
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 10.5 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.19 ng
RT: 10.29 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion:198 Resp: 159991
Ion Ratio Lower Upper
198 100
51 59.0 6.7 46.7#
105 58.0 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 44.80 ng

RT: 10.34 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

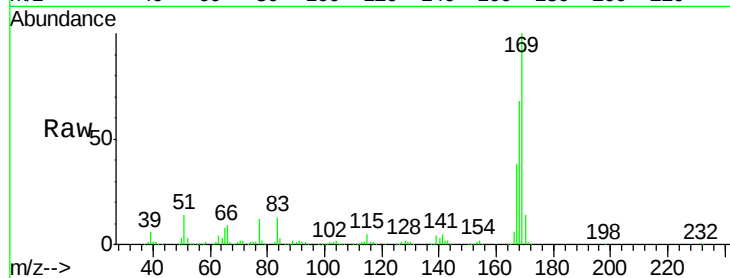
Tgt Ion:169 Resp: 853947

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.2

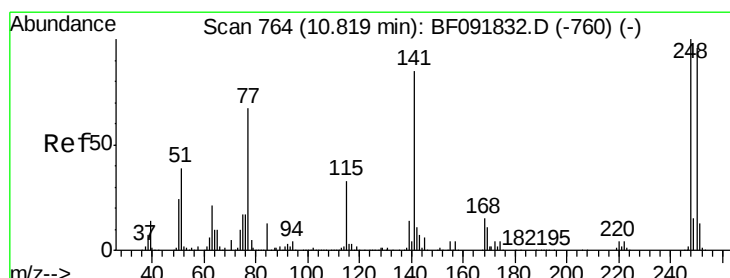
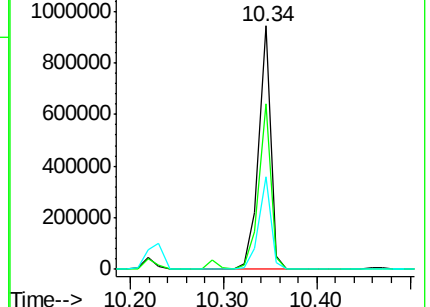
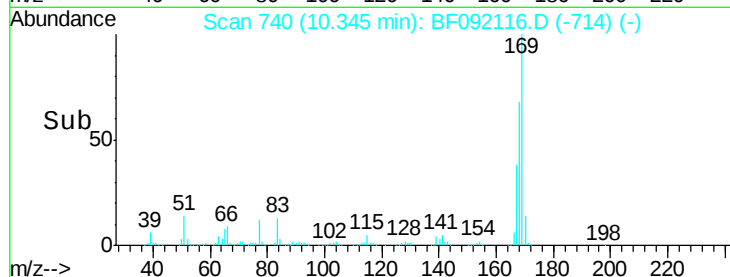
167 37.8 30.2 45.4



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: 43.74 ng

RT: 10.71 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

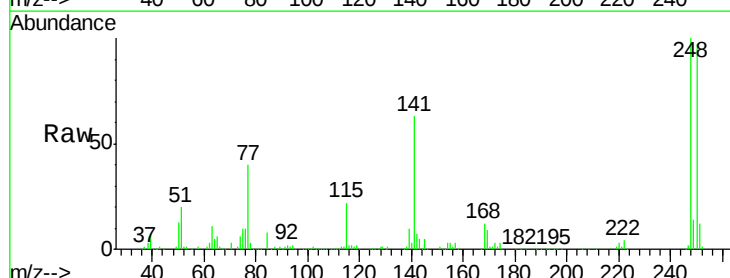
Tgt Ion:248 Resp: 292301

Ion Ratio Lower Upper

248 100

250 97.0 76.9 115.3

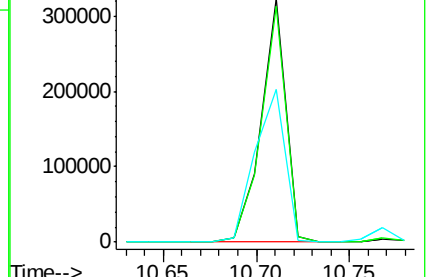
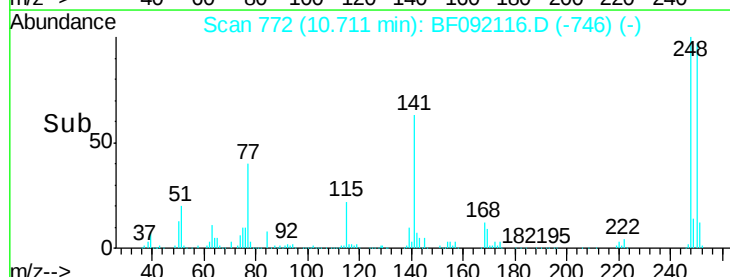
141 62.6 68.2 102.4#

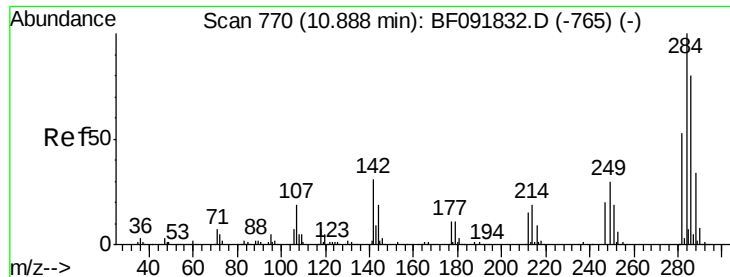


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.43 ng

RT: 10.77 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

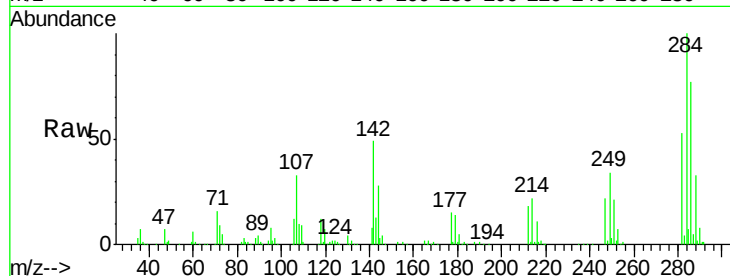
Tgt Ion:284 Resp: 281609

Ion Ratio Lower Upper

284 100

142 48.6 22.6 33.8#

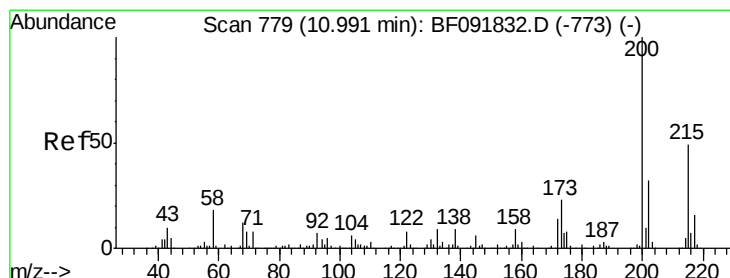
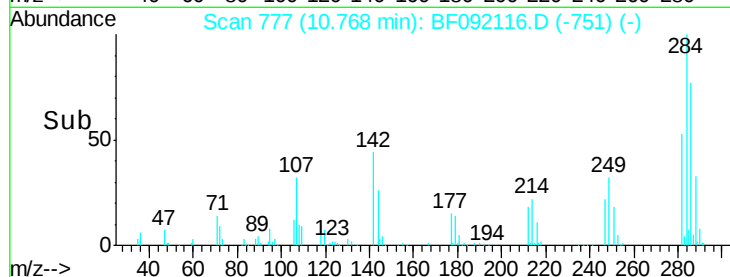
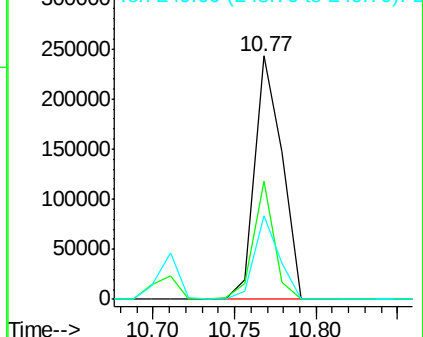
249 34.3 25.4 38.0



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: 49.94 ng

RT: 10.88 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

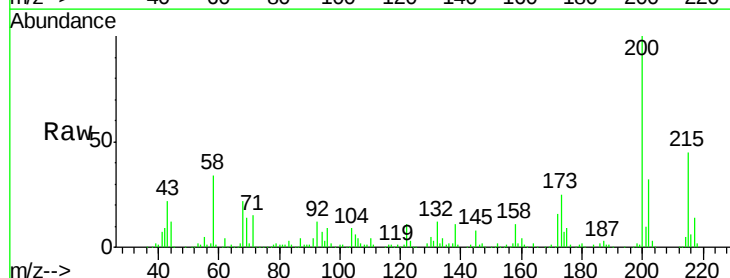
Tgt Ion:200 Resp: 307056

Ion Ratio Lower Upper

200 100

173 24.8 9.6 49.6

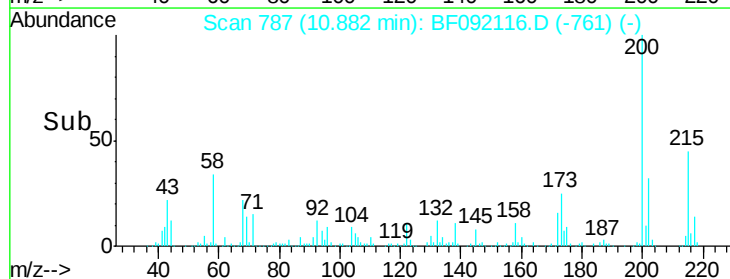
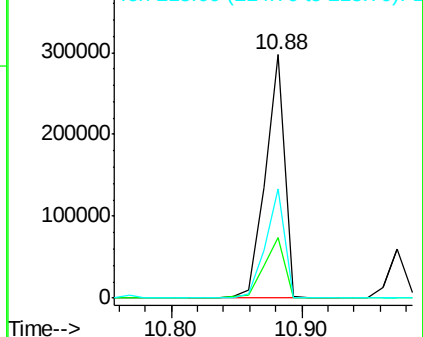
215 44.7 25.7 65.7

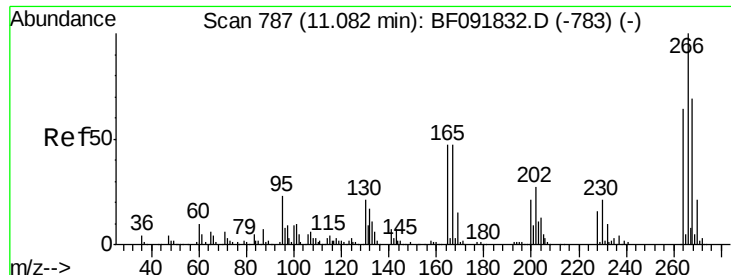


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

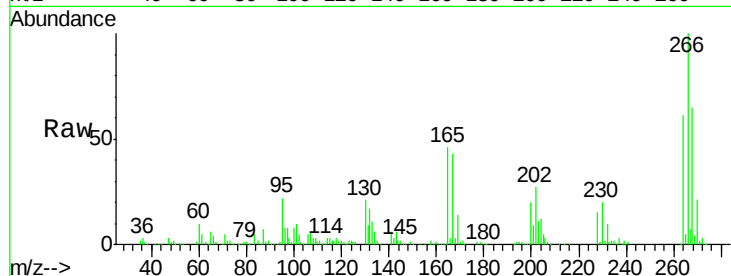




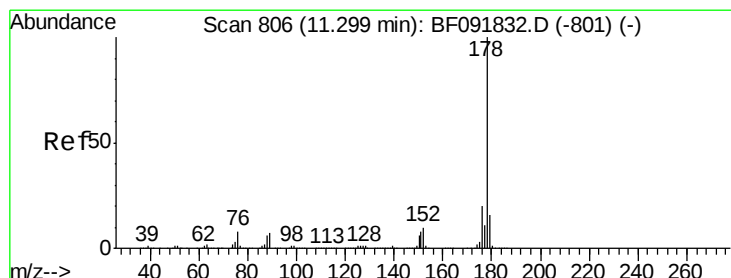
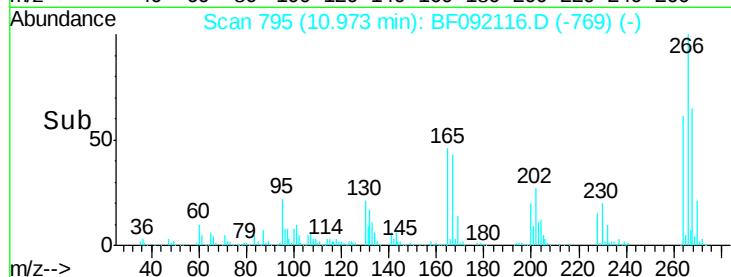
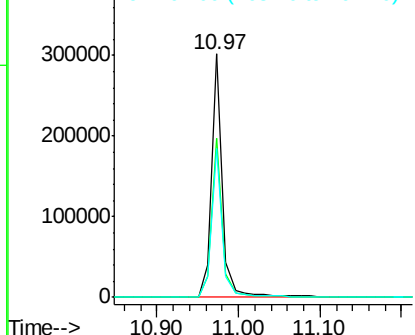
#69
 Pentachlorophenol
 Concen: 81.82 ng
 RT: 10.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tgt Ion: 266 Resp: 286751
 Ion Ratio Lower Upper
 266 100
 268 65.2 53.3 79.9
 264 61.2 50.3 75.5

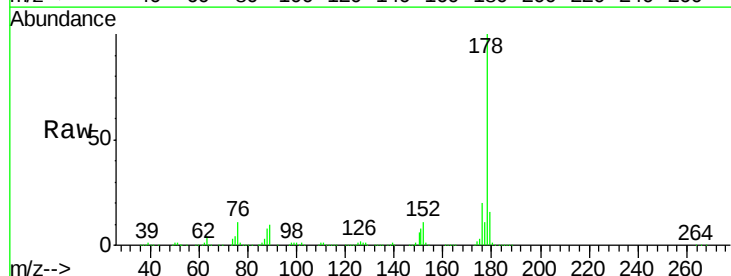


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

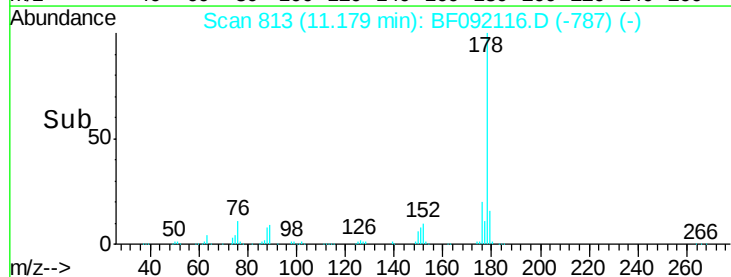
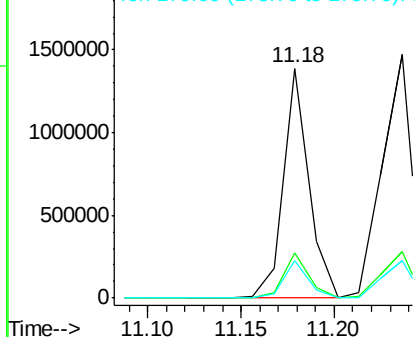


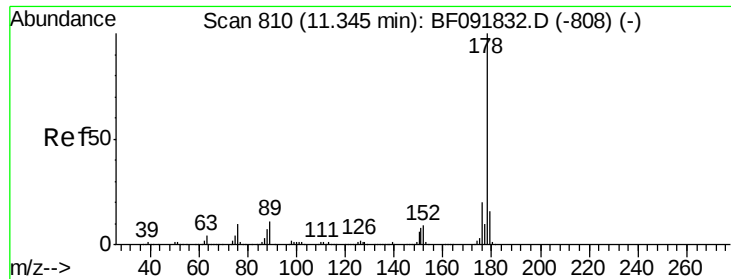
#70
 Phenanthrene
 Concen: 37.92 ng
 RT: 11.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion: 178 Resp: 1320685
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 16.1 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

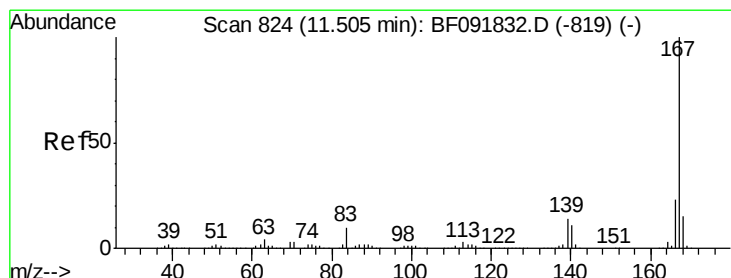
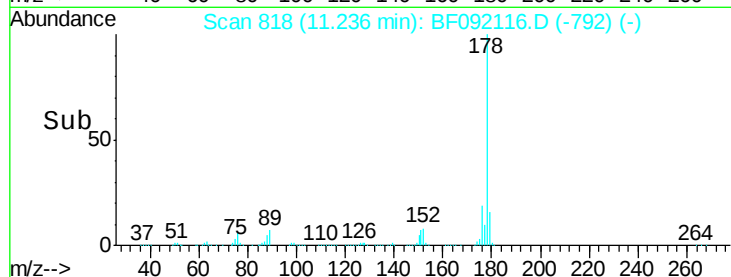
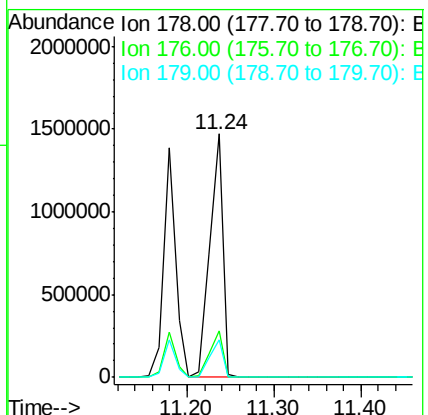
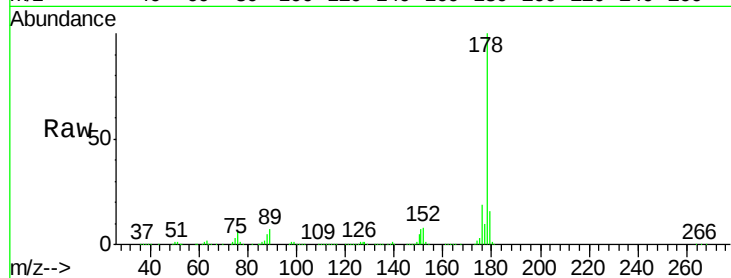




#71
 Anthracene
 Concen: 54.54 ng
 RT: 11.24 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

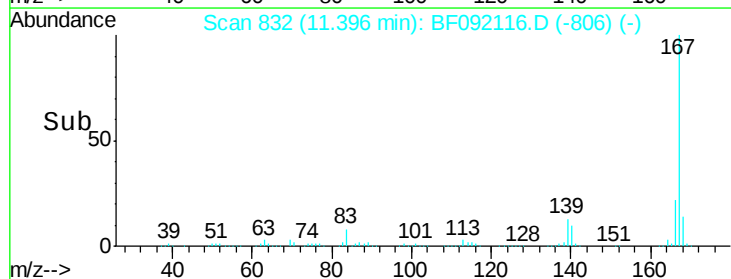
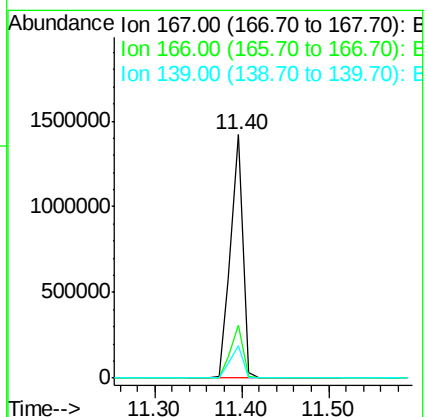
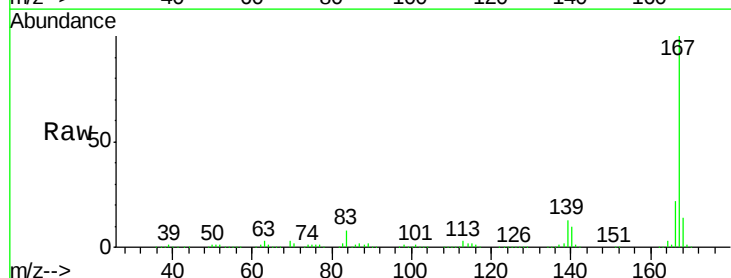
Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

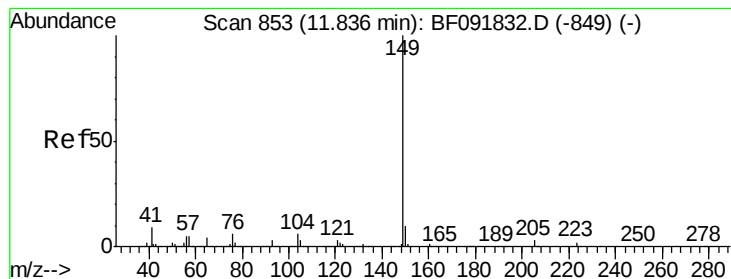
Tgt Ion:178 Resp: 1562909
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.6 13.2 19.8



#72
 Carbazole
 Concen: 54.07 ng
 RT: 11.40 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion:167 Resp: 1411451
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.2
 139 13.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 47.28 ng

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

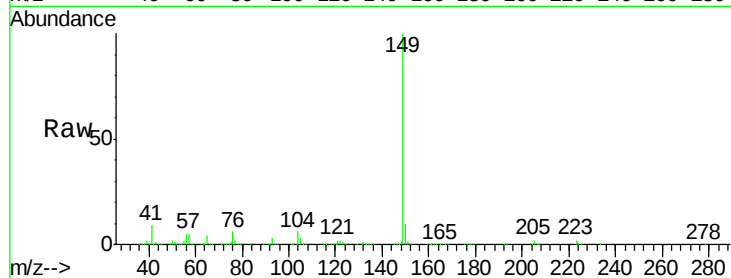
Tgt Ion:149 Resp: 1553745

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

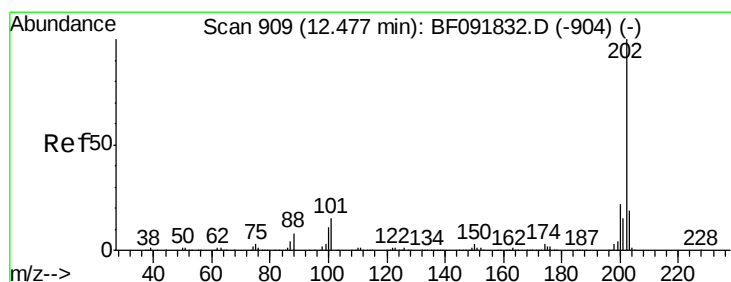
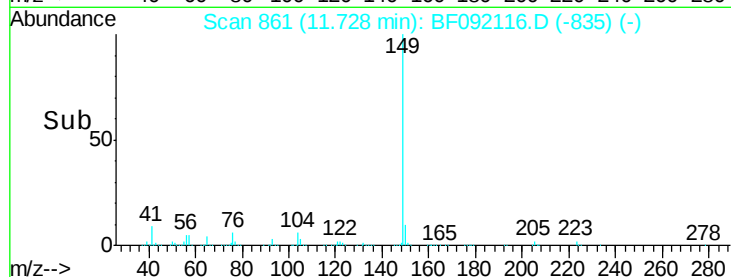
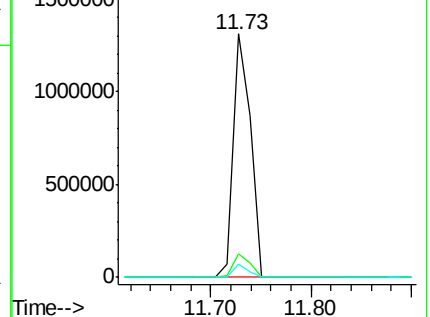
104 5.5 4.6 7.0



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: 48.57 ng

RT: 12.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

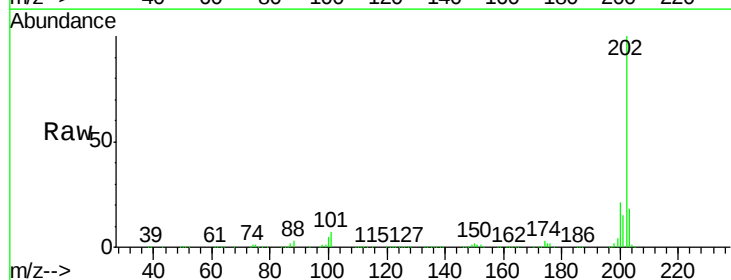
Tgt Ion:202 Resp: 1474921

Ion Ratio Lower Upper

202 100

101 7.0 0.0 34.6

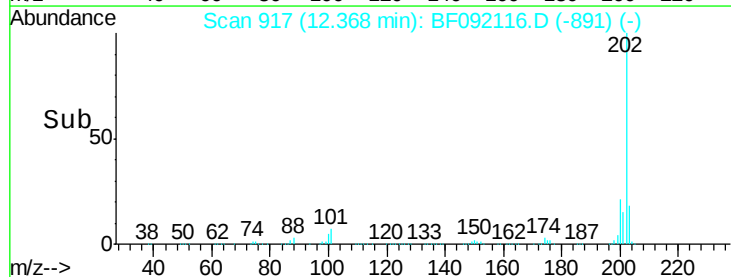
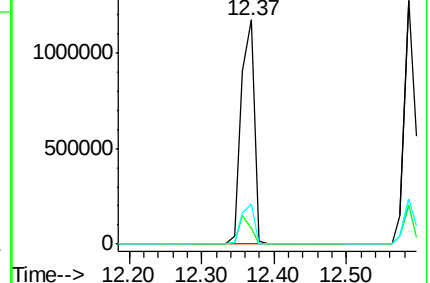
203 17.7 0.0 38.7

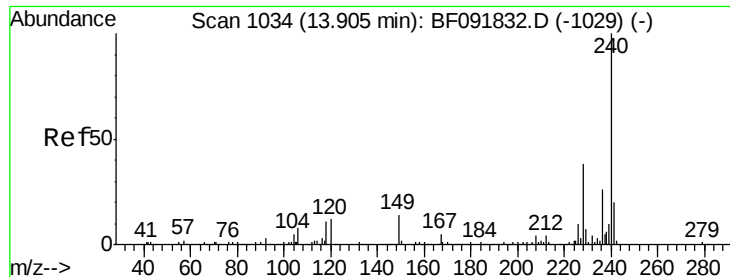


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

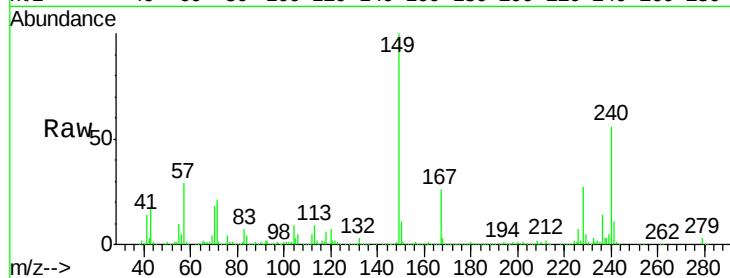
Tgt Ion:240 Resp: 429781

Ion Ratio Lower Upper

240 100

120 11.9 12.9 19.3#

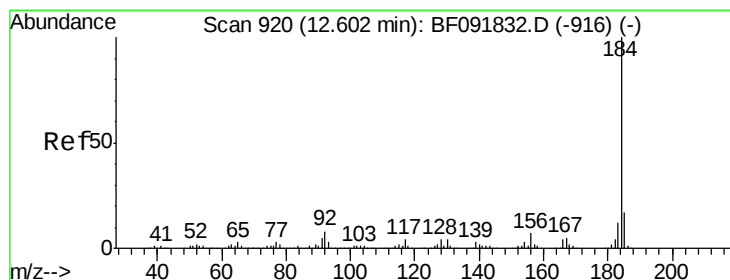
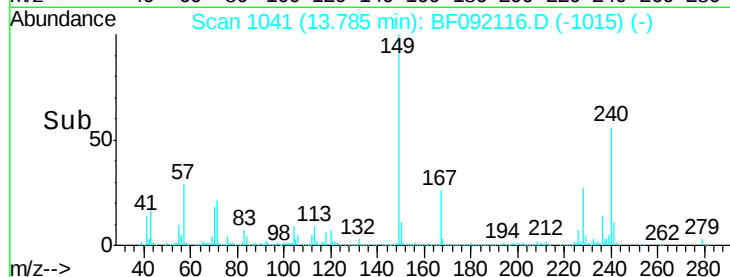
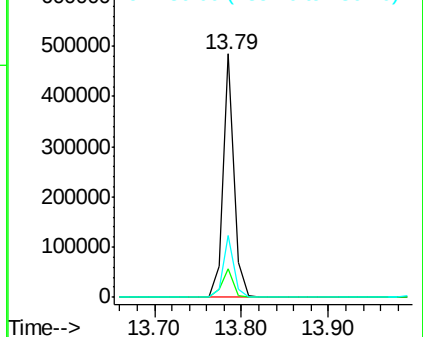
236 25.6 20.9 31.3



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: 39.20 ng

RT: 12.49 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

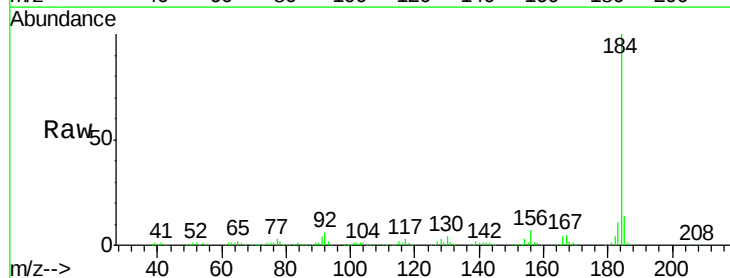
Tgt Ion:184 Resp: 442156

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

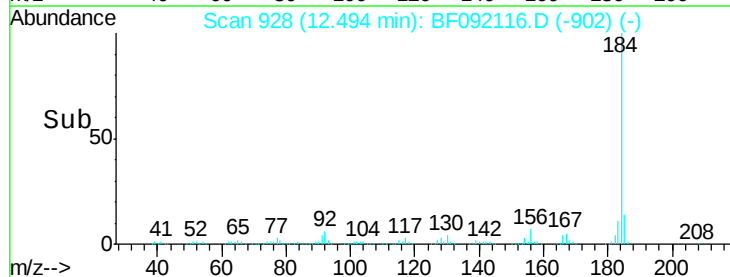
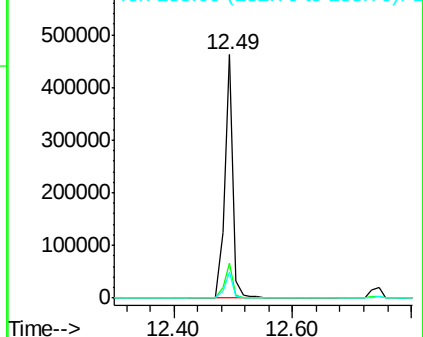
183 10.9 9.2 13.8

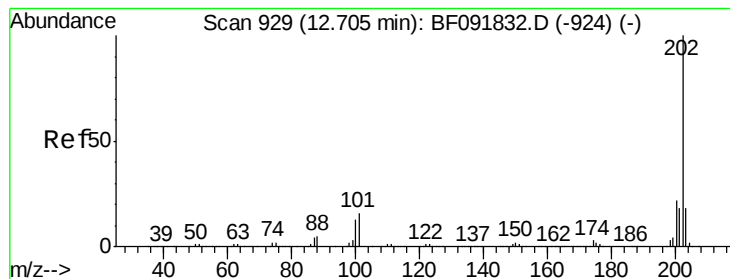


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.66 ng

RT: 12.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

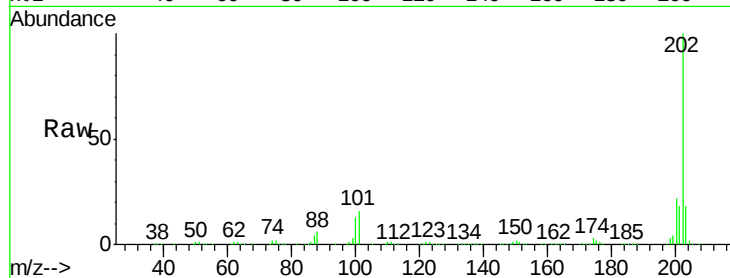
Tgt Ion:202 Resp: 1376654

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

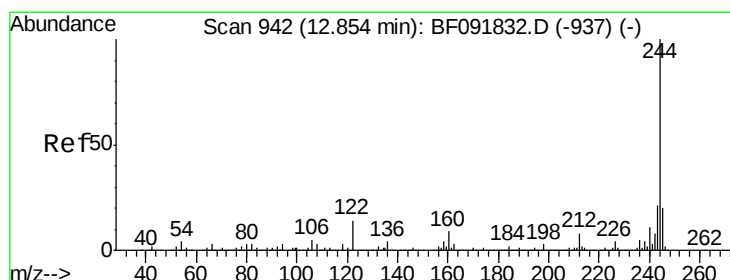
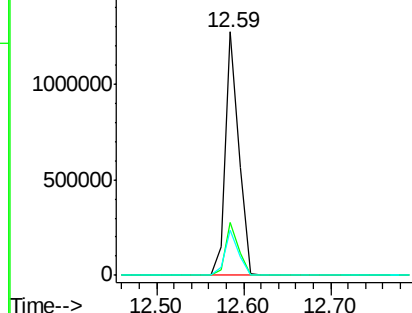
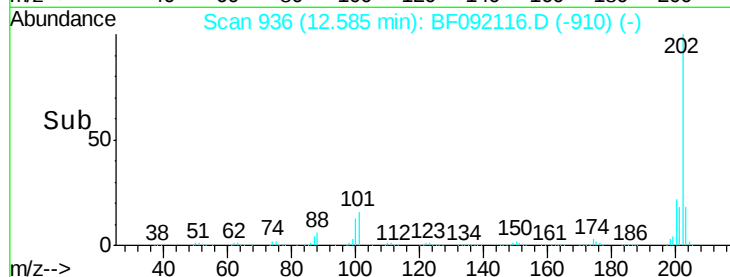
203 18.4 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.99 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

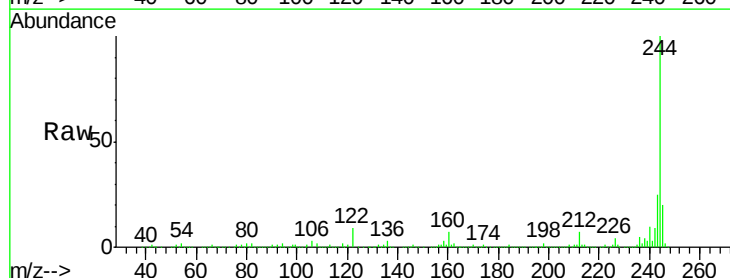
Tgt Ion:244 Resp: 1789661

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

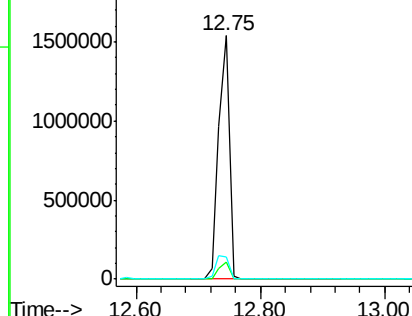
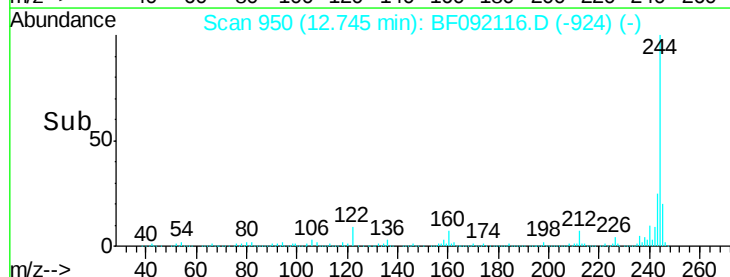
122 9.4 11.4 17.2

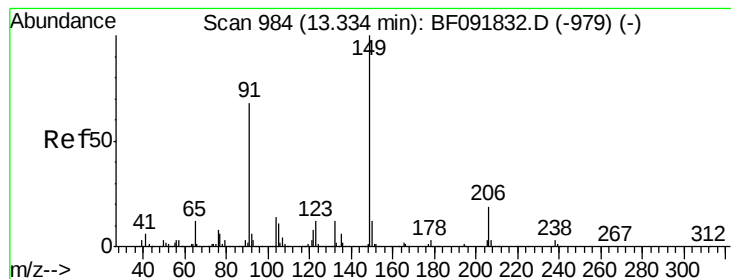


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.96 ng

RT: 13.23 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

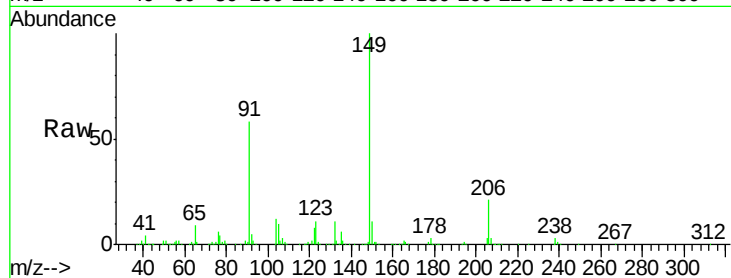
Tgt Ion:149 Resp: 687776

Ion Ratio Lower Upper

149 100

91 58.3 63.9 95.9#

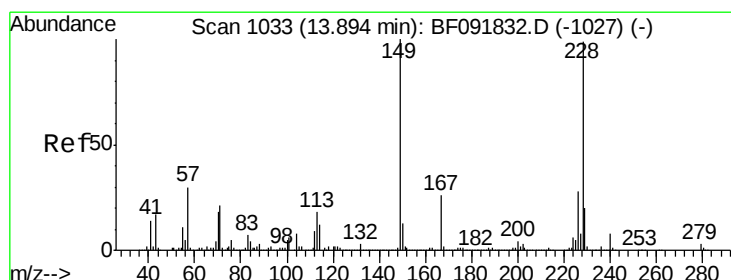
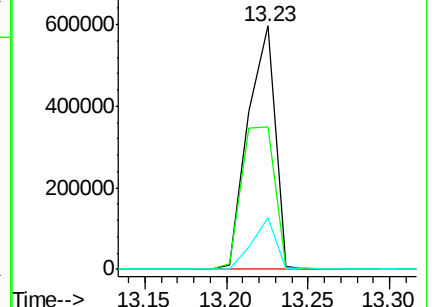
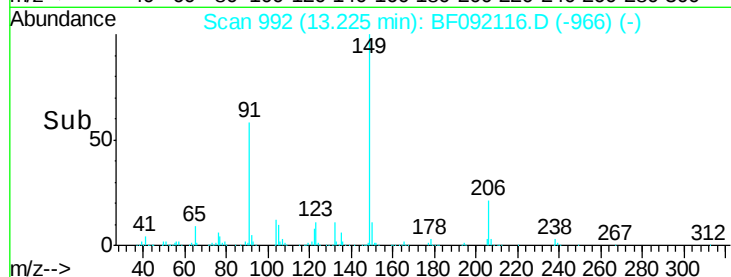
206 21.3 14.6 21.8



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: 46.77 ng

RT: 13.77 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

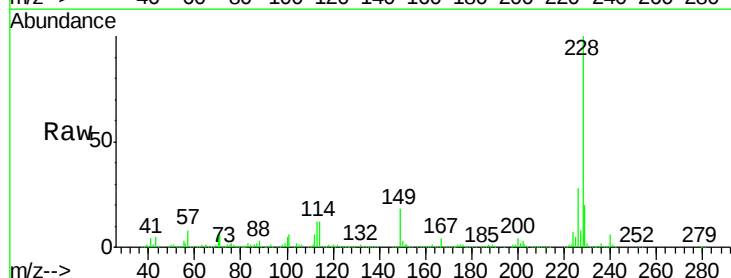
Tgt Ion:228 Resp: 1134713

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

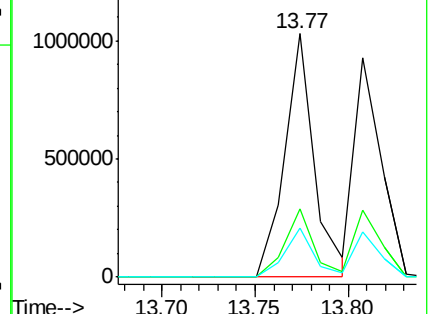
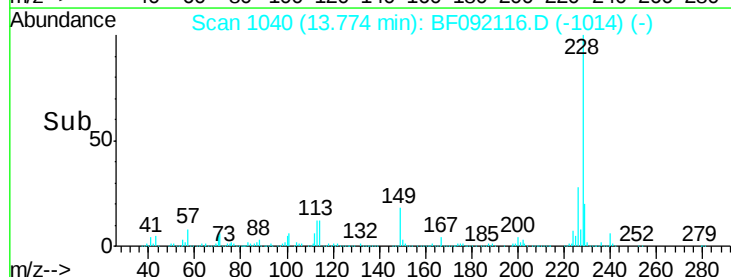
229 20.0 16.2 24.4



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

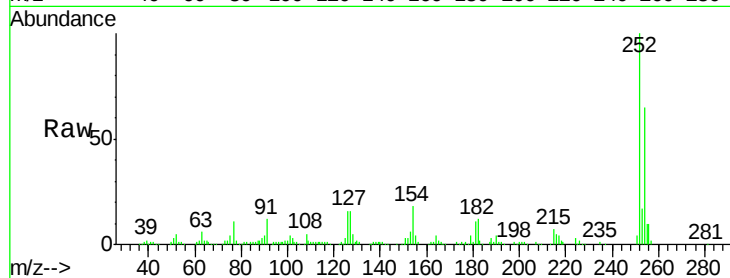




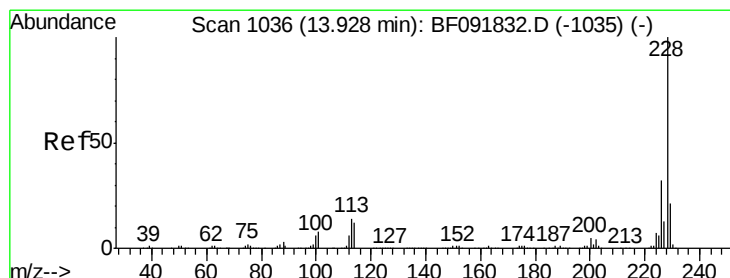
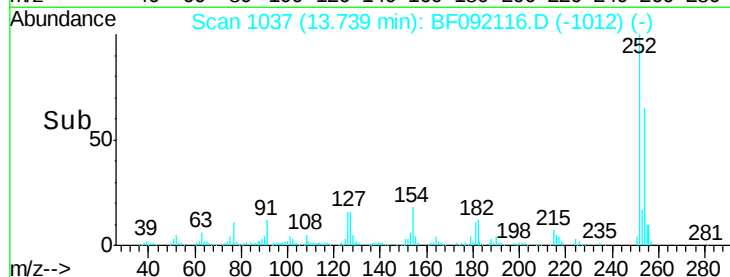
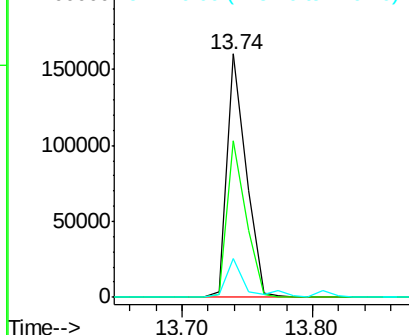
#81
 3,3'-Dichlorobenzidine
 Concen: 17.76 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

Tgt Ion:252 Resp: 163397
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.3 78.5
 126 16.0 13.6 20.4

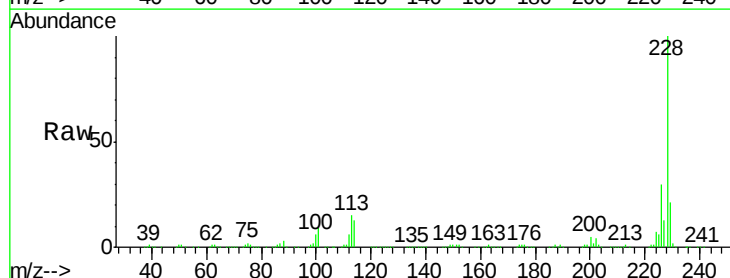


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

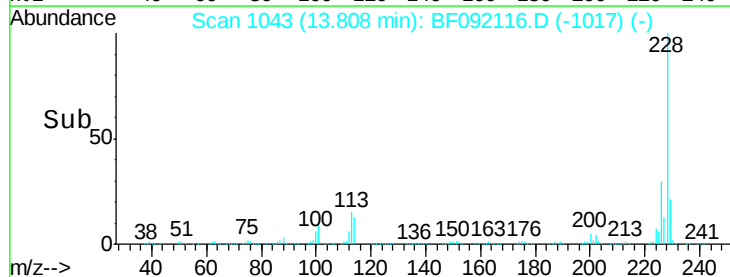
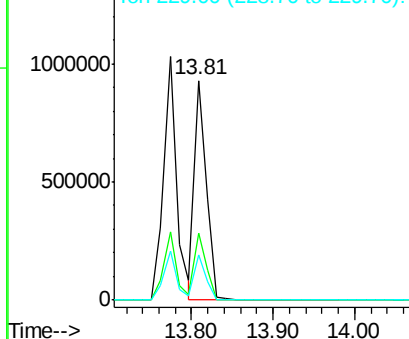


#82
 Chrysene
 Concen: 38.99 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion:228 Resp: 948712
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.0
 229 20.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.02 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

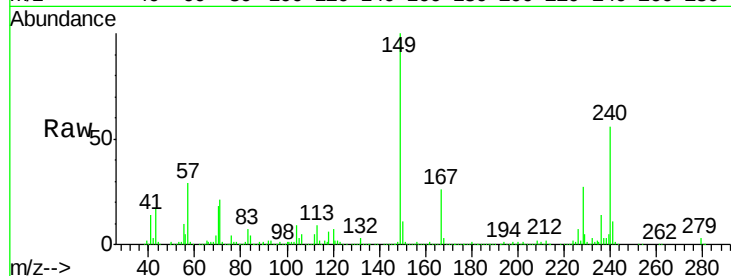
Tgt Ion:149 Resp: 794181

Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.4

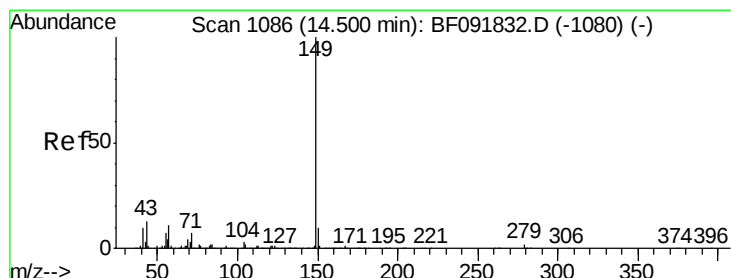
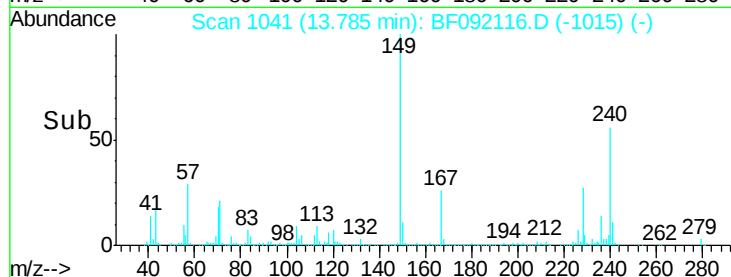
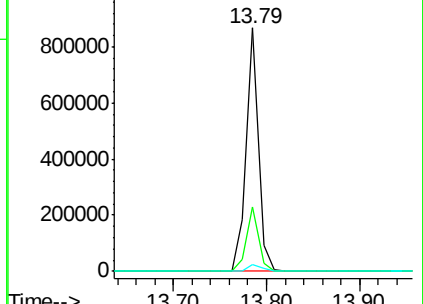
279 2.9 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.93 ng

RT: 14.39 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

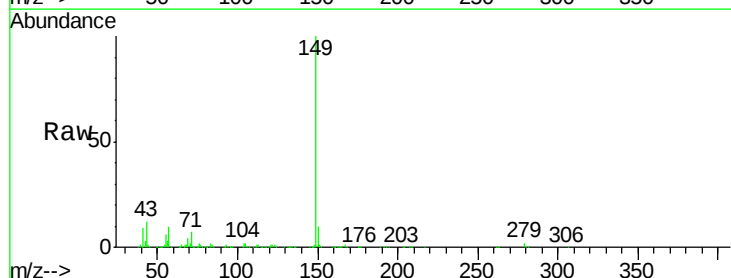
Tgt Ion:149 Resp: 1280541

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

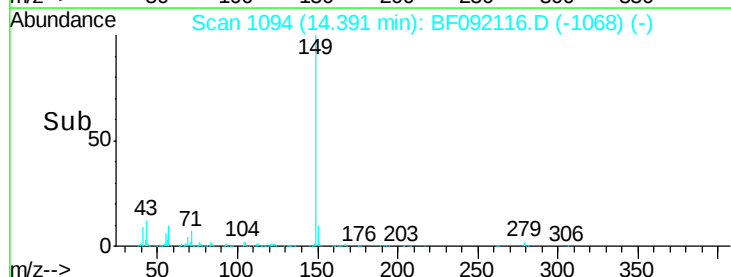
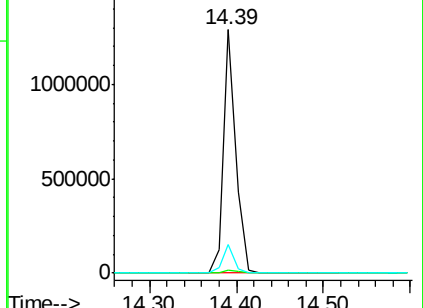
43 10.7 8.9 13.3

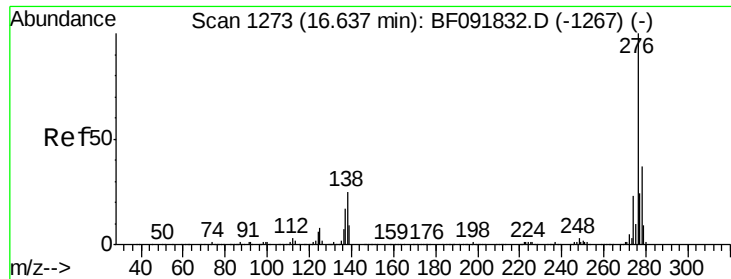


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

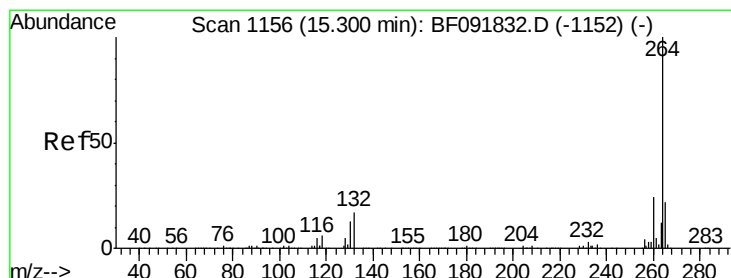
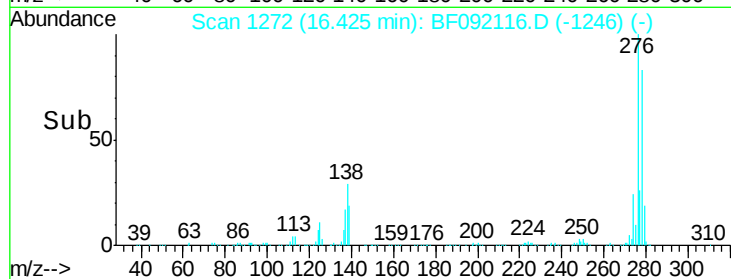
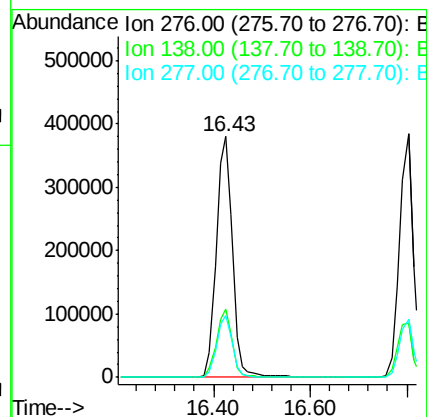
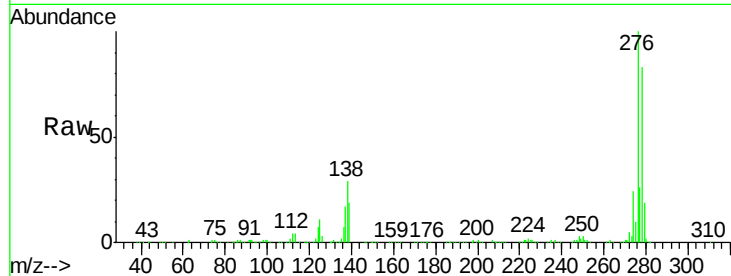




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.71 ng
 RT: 16.43 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

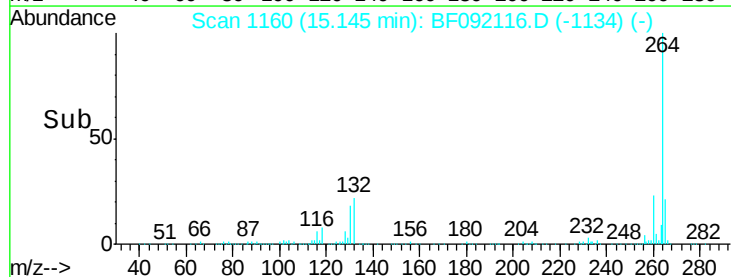
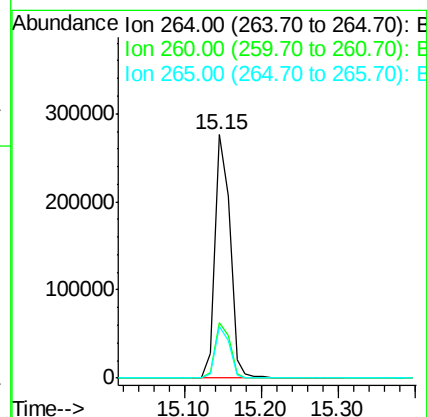
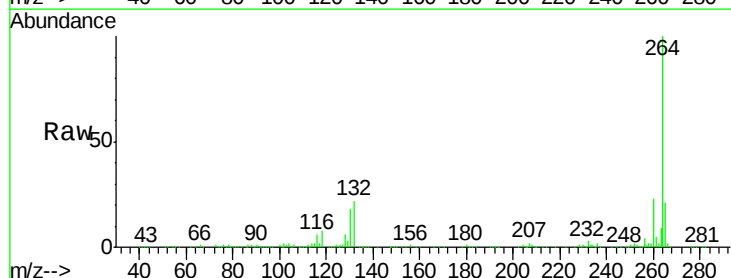
Instrument :
 BNA_F
 ClientSampleId :
 PB95798BSD

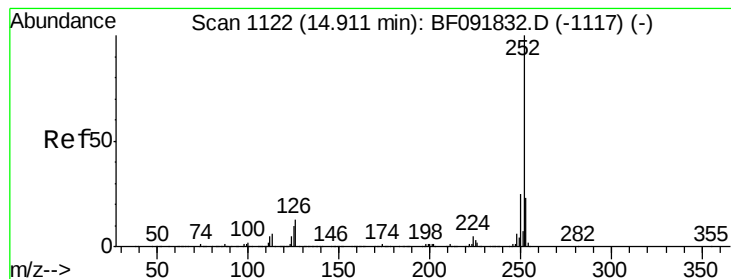
Tgt Ion: 276 Resp: 900348
 Ion Ratio Lower Upper
 276 100
 138 27.4 21.8 32.6
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092116.D
 Acq: 6 Jan 2017 14:52

Tgt Ion: 264 Resp: 372449
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 78.09 ng

RT: 14.80 min Scan# 1130

Delta R.T. 0.02 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD

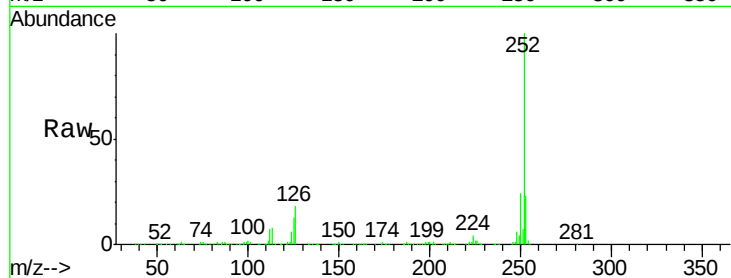
Tgt Ion:252 Resp: 1810748

Ion Ratio Lower Upper

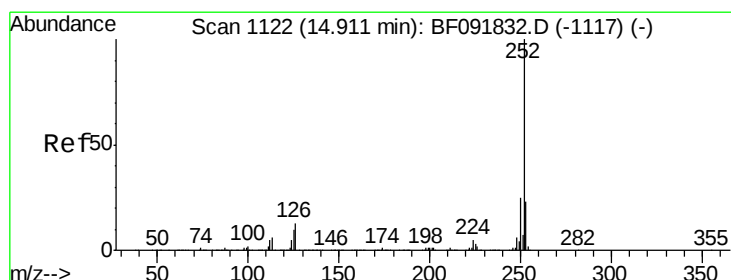
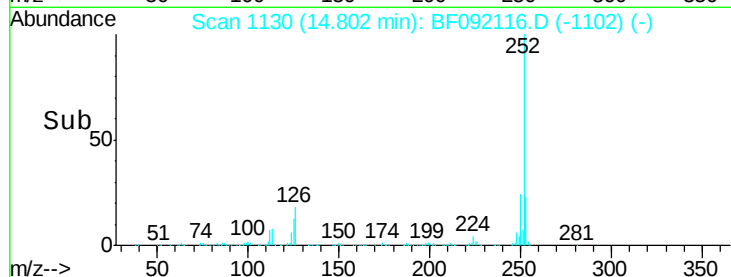
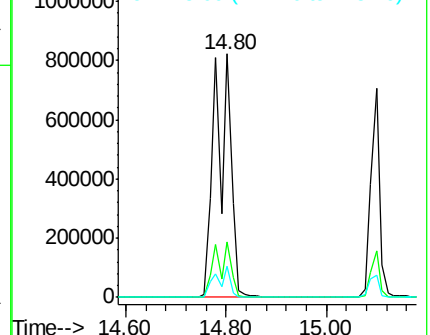
252 100

253 22.8 18.2 27.4

125 12.8 9.8 14.6



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



#88

Benzo(k)fluoranthene

Concen: 91.57 ng

RT: 14.80 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF092116.D

Acq: 6 Jan 2017 14:52

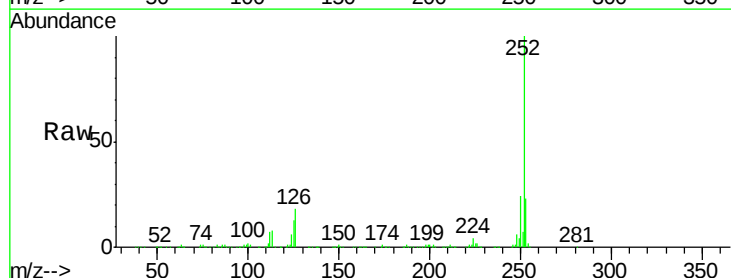
Tgt Ion:252 Resp: 1810748

Ion Ratio Lower Upper

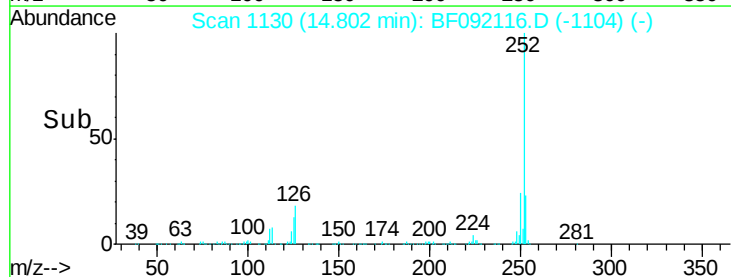
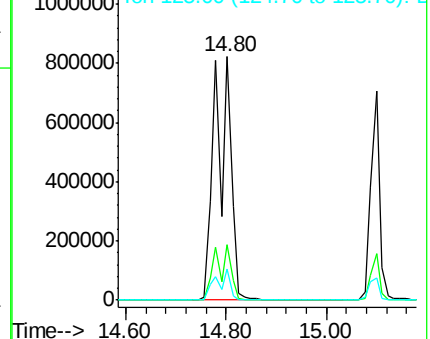
252 100

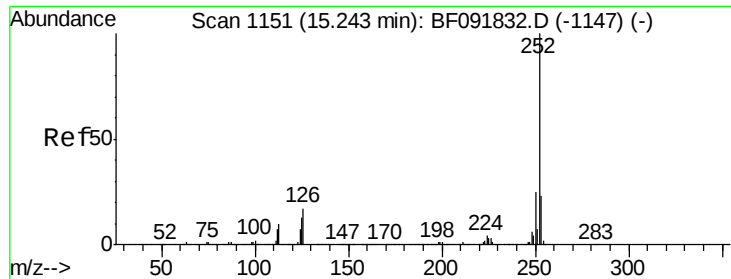
253 22.8 18.5 27.7

125 12.8 8.9 13.3



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

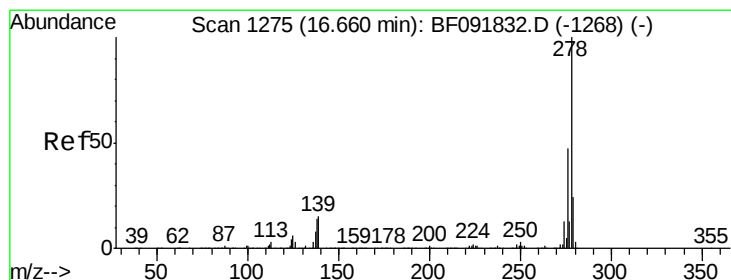
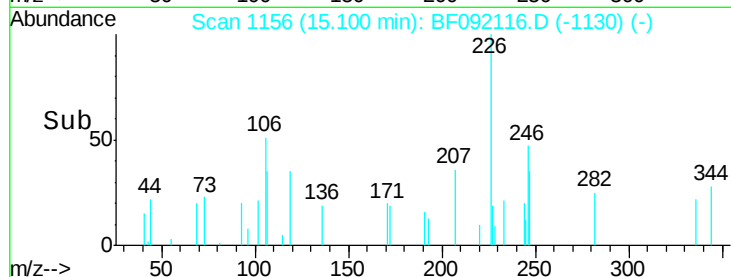
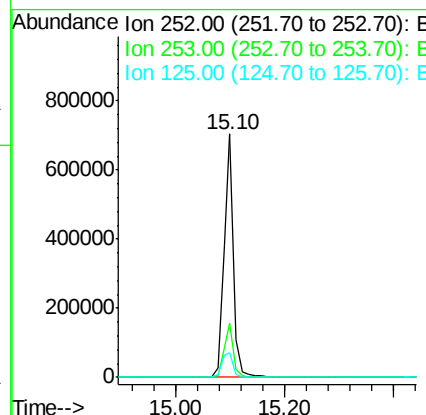
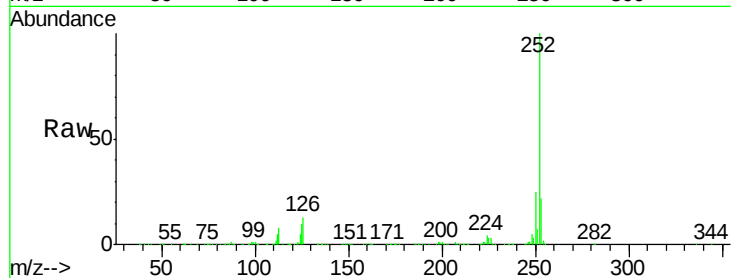




#89
Benzo(a)pyrene
Concen: 42.13 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

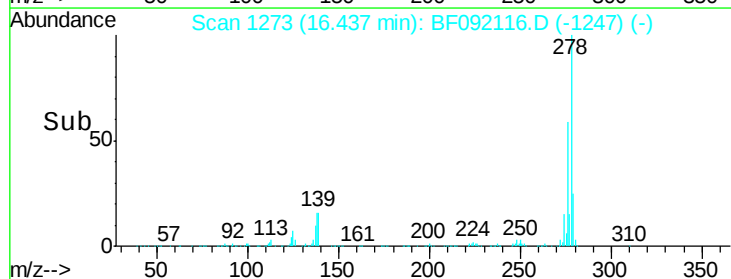
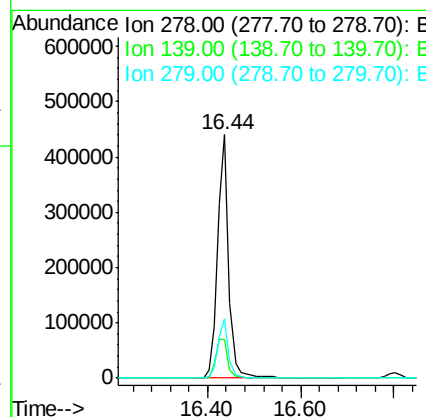
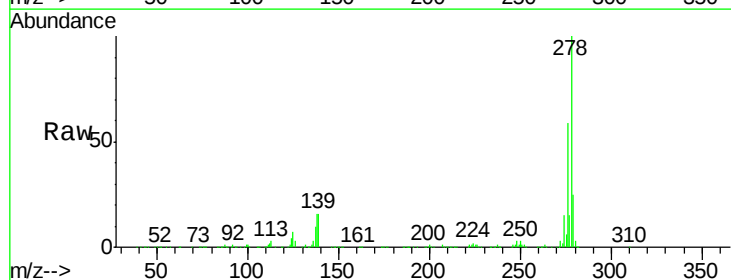
Instrument :
BNA_F
ClientSampleId :
PB95798BSD

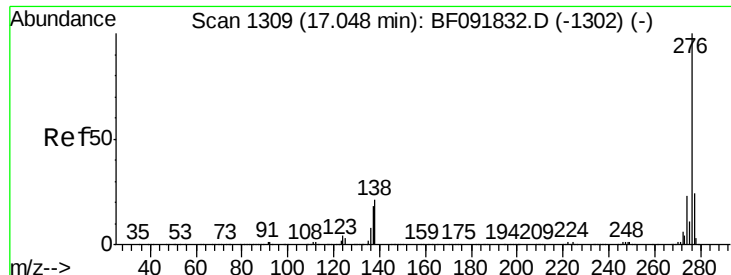
Tgt Ion: 252 Resp: 866987
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.4 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 43.61 ng
RT: 16.44 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF092116.D
Acq: 6 Jan 2017 14:52

Tgt Ion: 278 Resp: 737793
Ion Ratio Lower Upper
278 100
139 15.9 14.8 22.2
279 24.5 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 43.77 ng

RT: 16.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF092116.D

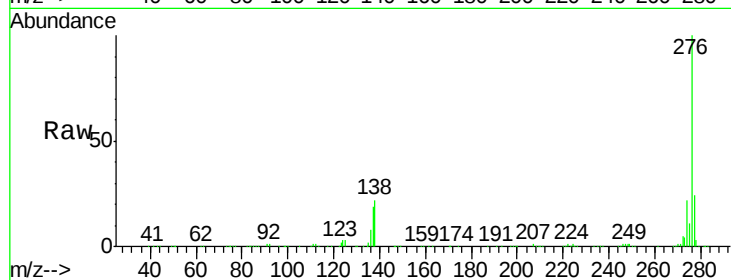
Acq: 6 Jan 2017 14:52

Instrument :

BNA_F

ClientSampleId :

PB95798BSD



Tgt Ion: 276 Resp: 769905

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 22.2 16.0 24.0

