

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092477.D
 Acq On : 25 Jan 2017 15:32
 Operator : SJ/MA
 Sample : PB96241BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

Quant Time: Jan 26 14:12:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	174514	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	712226	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	416520	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	640511	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	526894	20.00	ng	-0.01
86) Perylene-d12	15.63	264	410634	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1257175	112.08	ng	0.02
7) Phenol-d6	6.59	99	1755159	122.85	ng	0.00
23) Nitrobenzene-d5	7.54	82	1108385	85.01	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	317799	111.96	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1690417	75.05	ng	-0.01
78) Terphenyl-d14	13.11	244	1560098	78.85	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	194140	32.55	ng	# 83
3) Pyridine	3.46	79	546262	32.17	ng	# 84
4) n-Nitrosodimethylamine	3.41	42	304304	36.52	ng	82
6) Aniline	6.62	93	606850	28.47	ng	# 47
8) 2-Chlorophenol	6.75	128	469613	39.86	ng	93
9) Benzaldehyde	6.51	77	274982	27.12	ng	90
10) Phenol	6.61	94	588806	34.14	ng	# 69
11) bis(2-Chloroethyl)ether	6.70	93	514380	39.87	ng	94
12) 1,3-Dichlorobenzene	6.91	146	552865	39.68	ng	96
13) 1,4-Dichlorobenzene	6.99	146	557591	39.76	ng	93
14) 1,2-Dichlorobenzene	7.14	146	494204	37.15	ng	99
15) Benzyl Alcohol	7.10	79	467320	43.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	965250	37.82	ng	93
17) 2-Methylphenol	7.22	107	423872	42.11	ng	97
18) Hexachloroethane	7.48	117	188608	39.04	ng	# 85
19) n-Nitroso-di-n-propylamine	7.39	70	381771	39.24	ng	96
20) 3+4-Methylphenols	7.38	107	526081	43.07	ng	91
22) Acetophenone	7.38	105	682537	40.24	ng	# 87
24) Nitrobenzene	7.55	77	534037	39.10	ng	99
25) Isophorone	7.80	82	1053603	41.01	ng	99
26) 2-Nitrophenol	7.87	139	254583	44.48	ng	93
27) 2,4-Dimethylphenol	7.92	122	486511	40.87	ng	91
28) bis(2-Chloroethoxy)methane	8.01	93	613348	36.37	ng	99
29) 2,4-Dichlorophenol	8.11	162	435746	42.22	ng	87
30) 1,2,4-Trichlorobenzene	8.20	180	445663	39.95	ng	95
31) Naphthalene	8.28	128	1354995	37.17	ng	99
32) Benzoic acid	8.04	122	338777	39.04	ng	90
33) 4-Chloroaniline	8.33	127	303934	19.71	ng	96
34) Hexachlorobutadiene	8.41	225	245267	40.20	ng	99
35) Caprolactam	8.70	113	153989m	44.68	ng	
36) 4-Chloro-3-methylphenol	8.82	107	489622	44.00	ng	88
37) 2-Methylnaphthalene	8.98	142	926700	40.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	450795	42.91	ng	99
40) Hexachlorocyclopentadiene	9.14	237	435909	82.85	ng	96

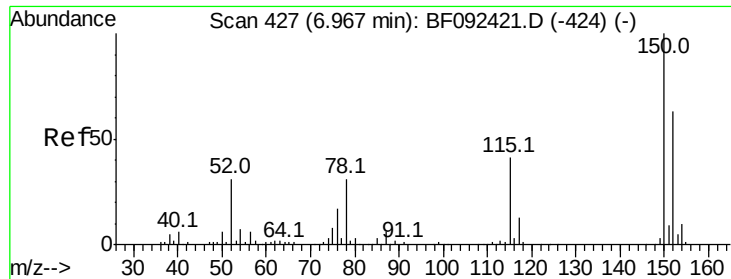
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	325409	40.42	nq	90
43) 2,4,5-Trichlorophenol	9.30	196	311700	42.32	nq	# 86
45) 1,1'-Biphenyl	9.45	154	1151734	38.25	nq	98
46) 2-Chloronaphthalene	9.47	162	874368	35.55	nq	96
47) 2-Nitroaniline	9.56	65	286117	34.55	nq	94
48) Acenaphthylene	9.89	152	1533687	42.52	nq	98
49) Dimethylphthalate	9.76	163	1123191	42.41	nq	99
50) 2,6-Dinitrotoluene	9.81	165	261990	48.39	nq	90
51) Acenaphthene	10.06	154	1002329	44.72	nq	98
52) 3-Nitroaniline	9.97	138	165791	24.45	nq	96
53) 2,4-Dinitrophenol	10.09	184	257339	74.67	nq	97
54) Dibenzofuran	10.24	168	1296427	42.60	nq	95
55) 4-Nitrophenol	10.13	139	391622	72.73	nq	95
56) 2,4-Dinitrotoluene	10.21	165	307420	42.78	nq	98
57) Fluorene	10.58	166	947559	41.99	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	255232	46.25	nq	99
59) Diethylphthalate	10.45	149	1010626	39.79	nq	98
60) 4-Chlorophenyl-phenylether	10.57	204	398088	36.37	nq	94
61) 4-Nitroaniline	10.60	138	286842	42.30	nq	89
62) Azobenzene	10.73	77	1148403	39.73	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	180847	51.94	nq	86
65) n-Nitrosodiphenylamine	10.69	169	888836	44.44	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	255305	39.48	nq	97
67) Hexachlorobenzene	11.13	284	271565	41.54	nq	97
68) Atrazine	11.22	200	275594	40.25	nq	99
69) Pentachlorophenol	11.32	266	337975	80.87	nq	98
70) Phenanthrene	11.54	178	1285155	36.43	nq	99
71) Anthracene	11.60	178	1578431	45.79	nq	98
72) Carbazole	11.74	167	1274458	38.72	nq	100
73) Di-n-butylphthalate	12.08	149	1498127	39.81	nq	98
74) Fluoranthene	12.73	202	1372935	39.79	nq	98
76) Benzidine	12.84	184	504088	25.77	nq	99
77) Pyrene	12.96	202	1379018	36.12	nq	99
79) Butylbenzylphthalate	13.57	149	660244	42.69	nq	96
80) Benzo(a)anthracene	14.15	228	1154271	40.76	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	291566	27.12	nq	# 96
82) Chrysene	14.18	228	999927	33.06	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	804368	41.30	nq	100
84) Di-n-octyl phthalate	14.75	149	1539424	43.53	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	942513	42.12	nq	95
87) Benzo(b)fluoranthene	15.20	252	1272966	48.29	nq	98
88) Benzo(k)fluoranthene	15.23	252	810812m	36.99	nq	
89) Benzo(a)pyrene	15.57	252	996770	44.70	nq	97
90) Dibenzo(a,h)anthracene	17.14	278	786347	43.61	nq	99
91) Benzo(g,h,i)perylene	17.56	276	776442	42.57	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

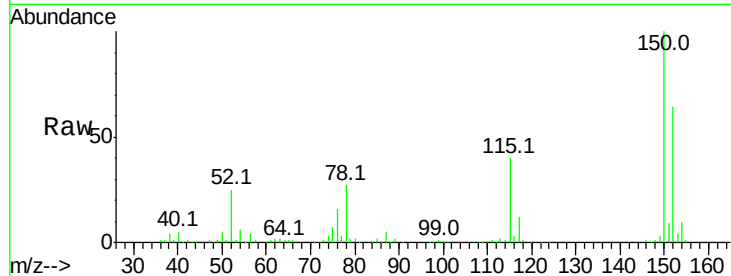
Tot Ion:152 Resp: 174514

Ion Ratio Lower Upper

152 100

150 156.6 124.9 187.3

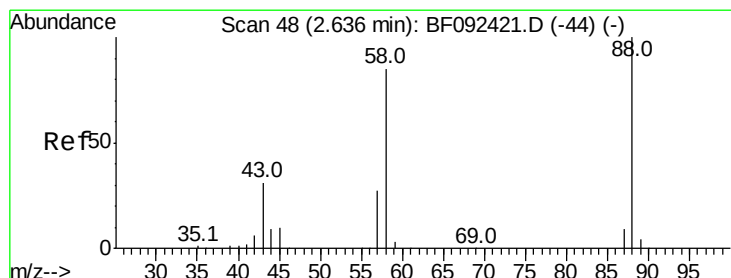
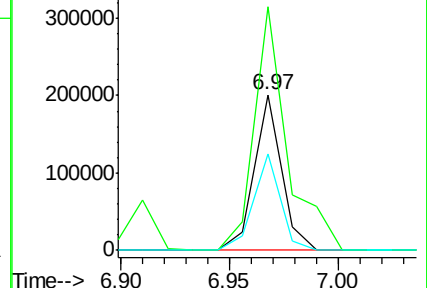
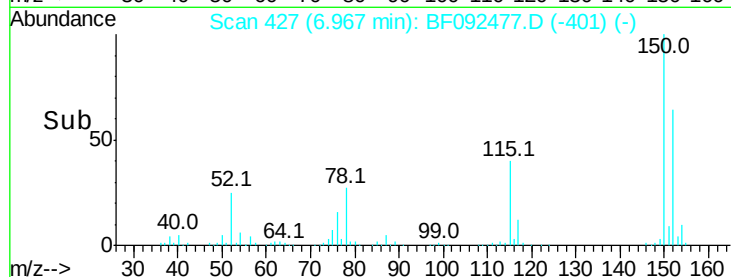
115 62.1 46.0 69.0



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: 32.55 ng

RT: 2.72 min Scan# 55

Delta R.T. 0.08 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

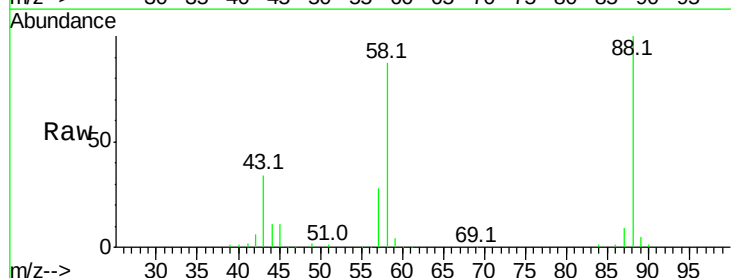
Tgt Ion: 88 Resp: 194140

Ion Ratio Lower Upper

88 100

58 88.6 57.8 86.8#

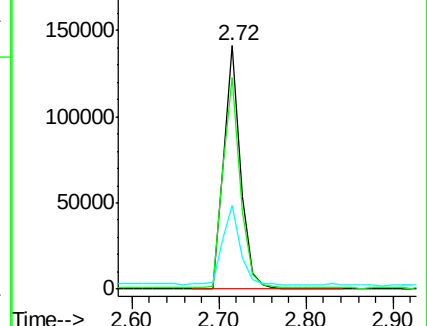
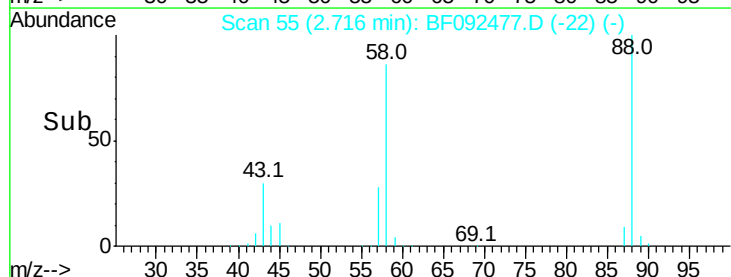
43 33.7 22.3 33.5#

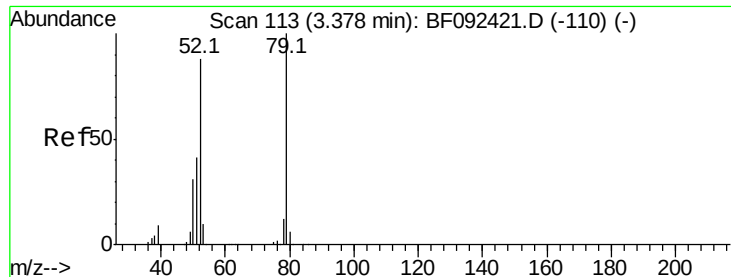


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.17 ng

RT: 3.46 min Scan# 120

Delta R.T. 0.08 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

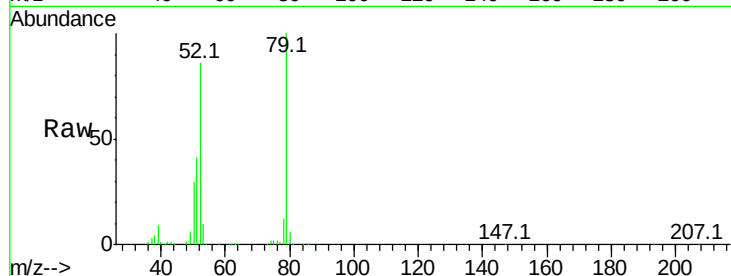
Tot Ion: 79 Resp: 546262

Ion Ratio Lower Upper

79 100

52 86.2 57.1 85.7#

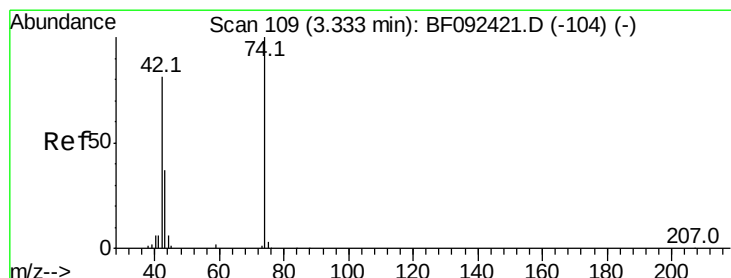
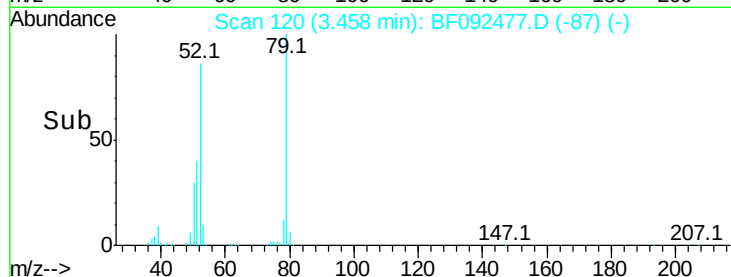
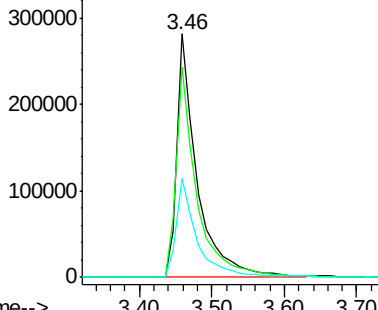
51 40.5 27.3 40.9



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: 36.52 ng

RT: 3.41 min Scan# 116

Delta R.T. 0.08 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

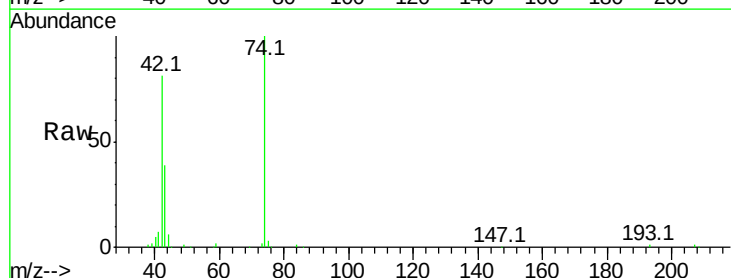
Tgt Ion: 42 Resp: 304304

Ion Ratio Lower Upper

42 100

74 123.3 117.0 175.4

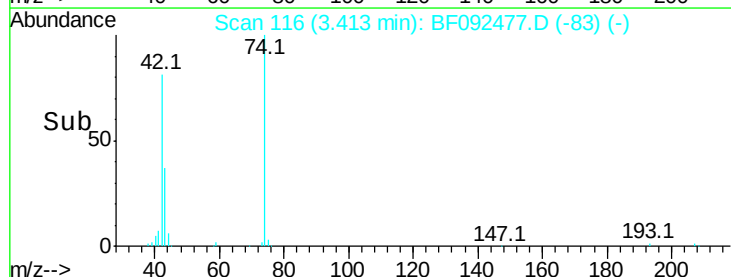
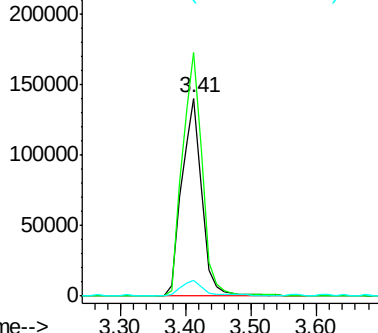
44 7.9 5.5 8.3

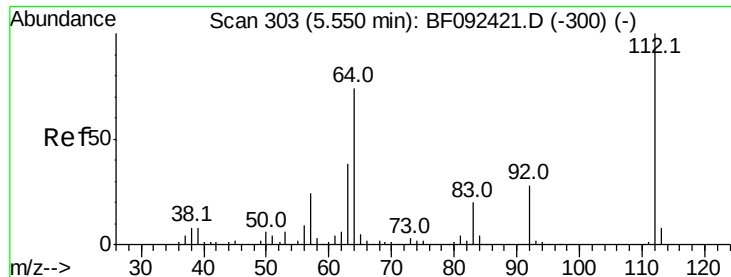


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 112.08 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleID :

PB96241BS

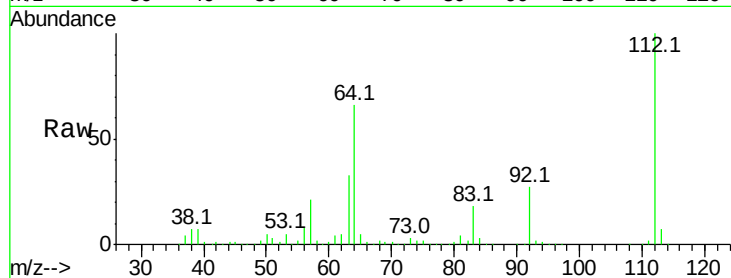
Tot Ion:112 Resp: 1257175

Ion Ratio Lower Upper

112 100

64 65.7 46.1 69.1

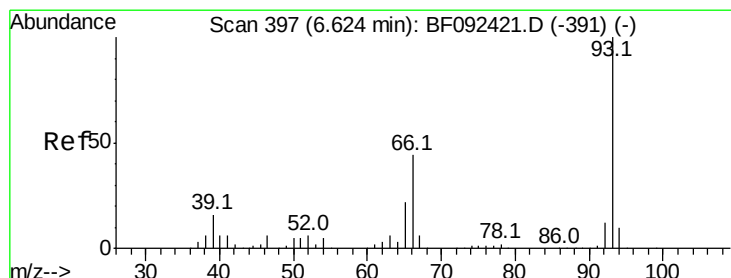
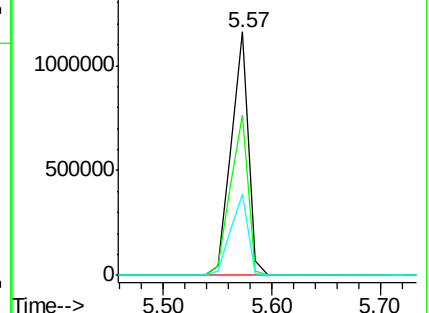
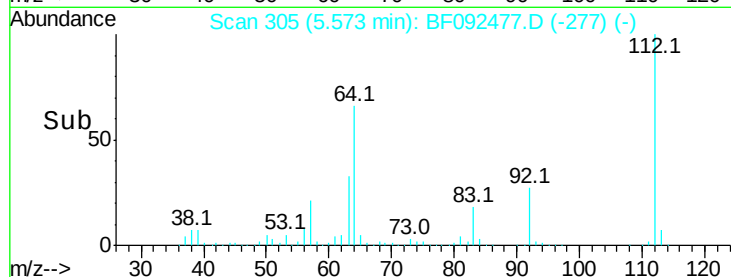
63 33.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.47 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

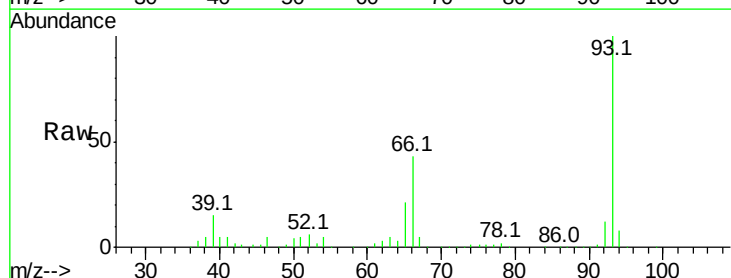
Tgt Ion: 93 Resp: 606850

Ion Ratio Lower Upper

93 100

66 43.2 76.2 114.2#

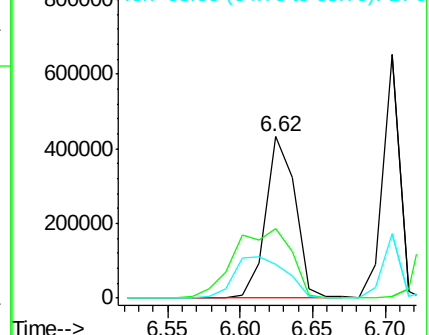
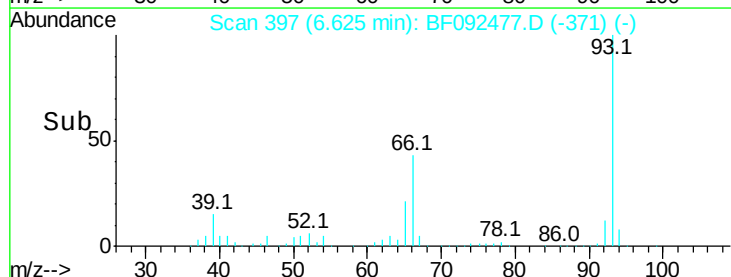
65 21.3 49.3 73.9#

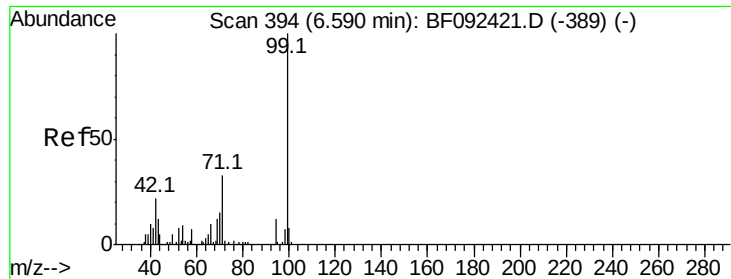


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.85 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

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ClientSampleId :

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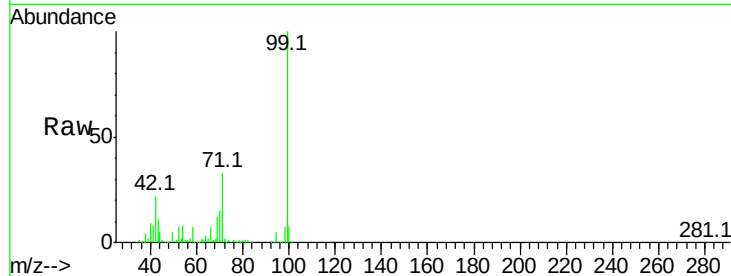
Tot Ion: 99 Resp: 1755159

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

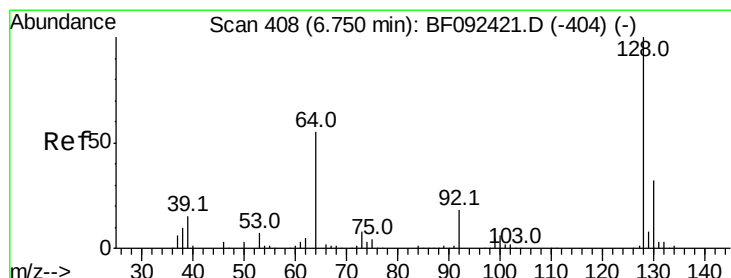
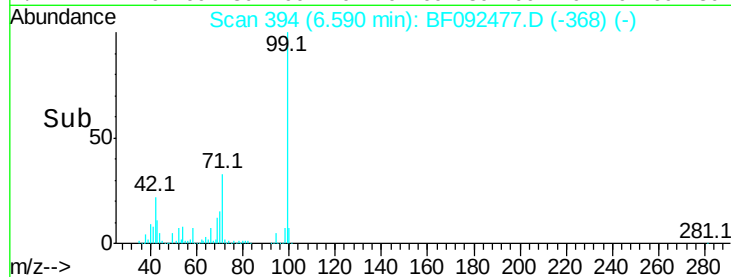
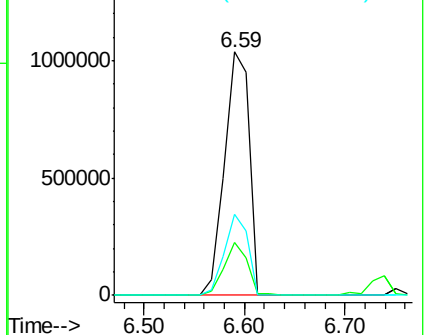
71 33.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.86 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

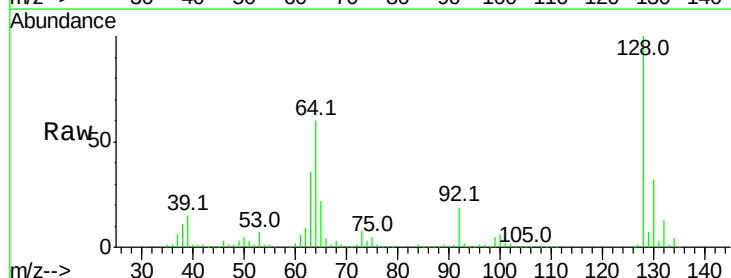
Tgt Ion: 128 Resp: 469613

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

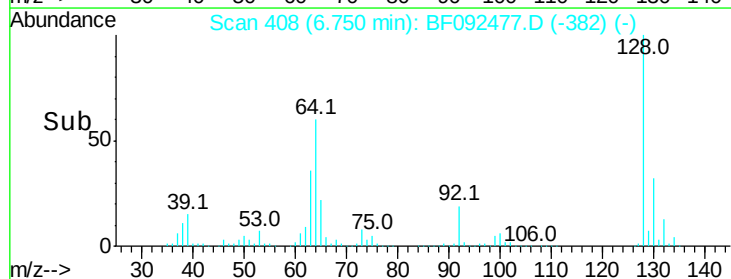
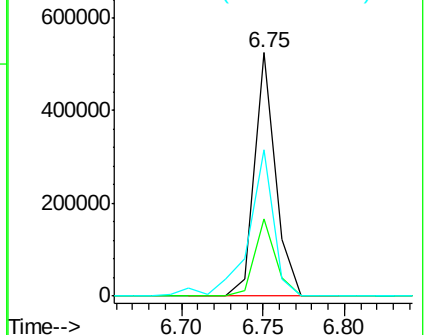
64 60.1 32.2 72.2

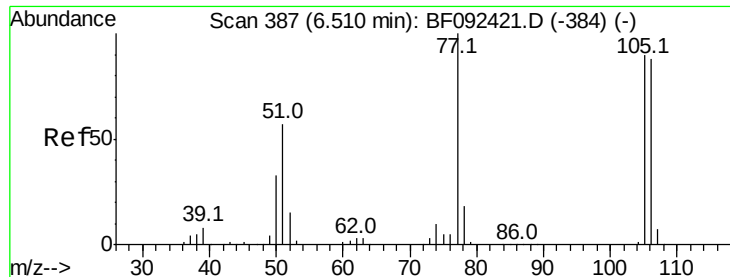


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.12 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

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PB96241BS

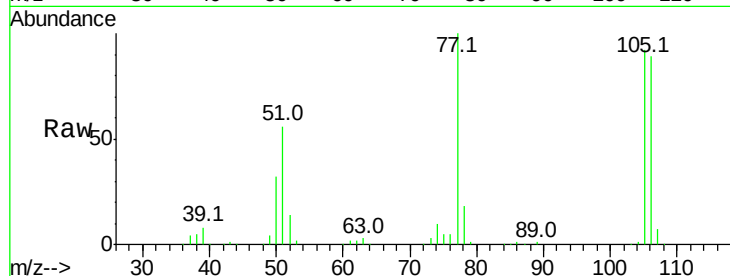
Tot Ion: 77 Resp: 274982

Ion Ratio Lower Upper

77 100

105 92.2 83.9 123.9

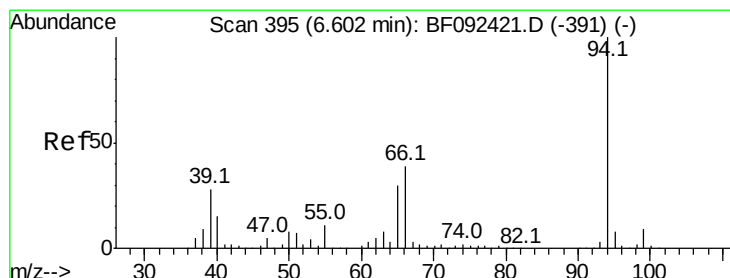
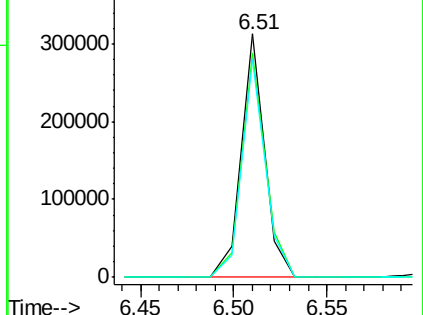
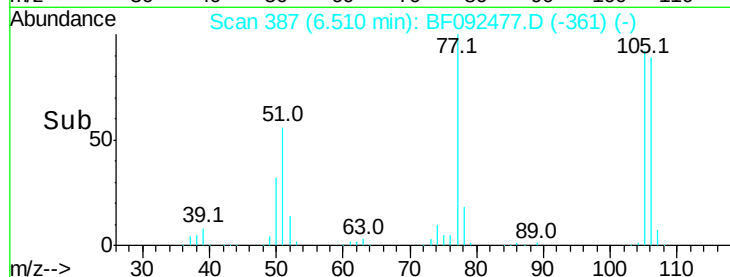
106 89.4 77.6 117.6



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: 34.14 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

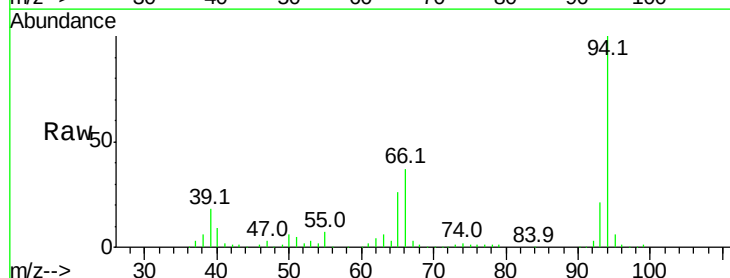
Tgt Ion: 94 Resp: 588806

Ion Ratio Lower Upper

94 100

65 26.2 21.4 61.4

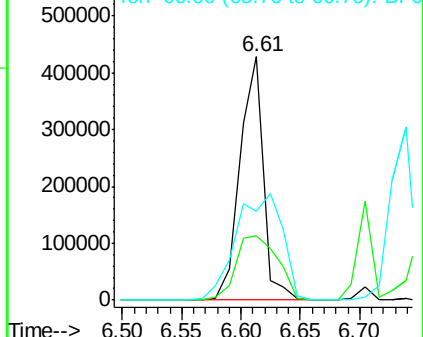
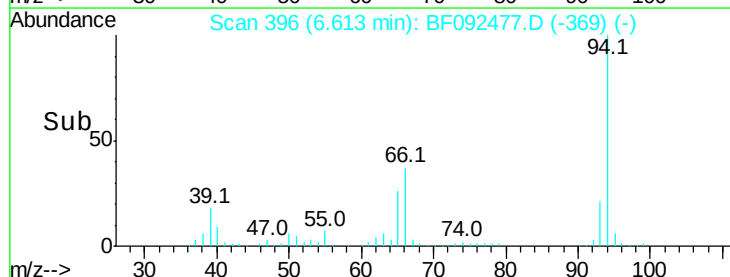
66 36.7 44.0 84.0#

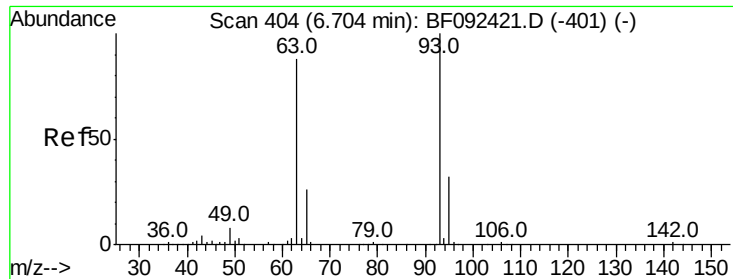


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.87 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

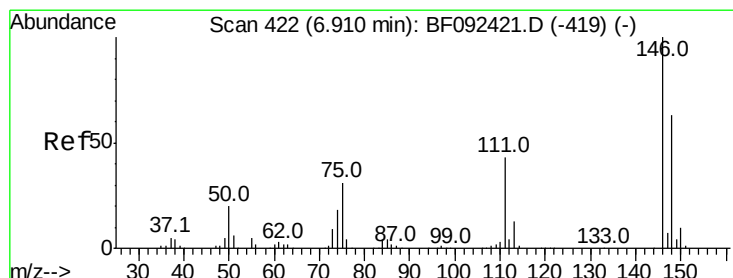
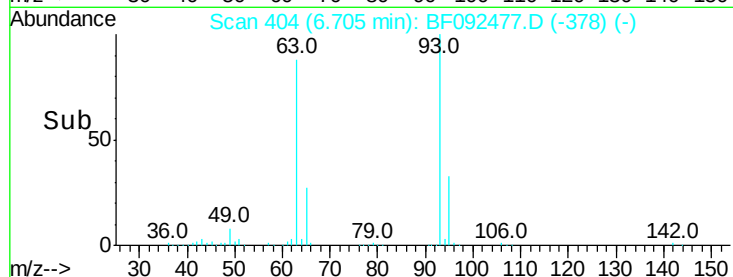
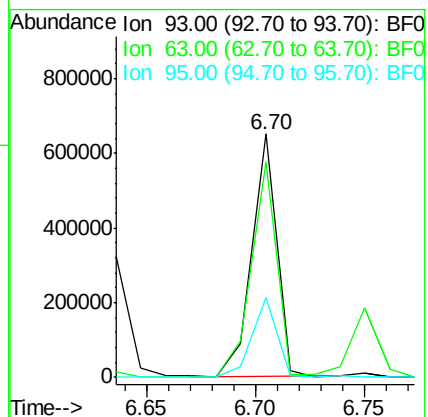
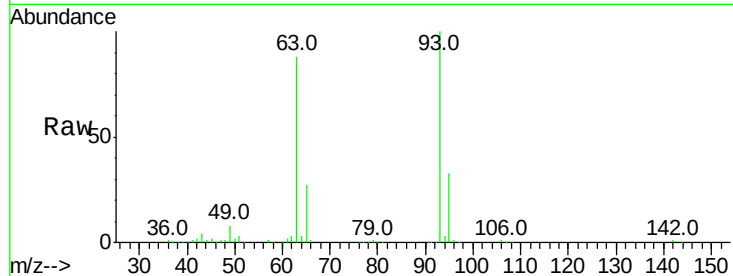
Tot Ion: 93 Resp: 514380

Ion Ratio Lower Upper

93 100

63 88.2 60.4 100.4

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.68 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

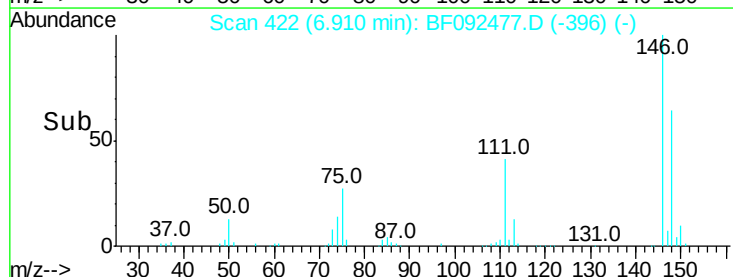
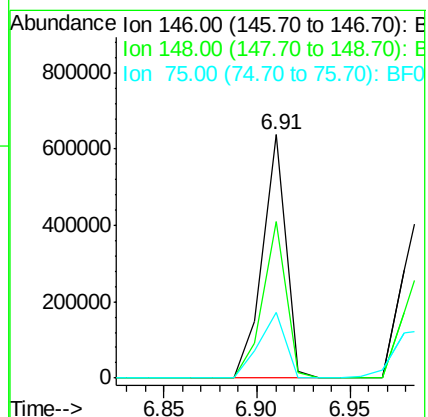
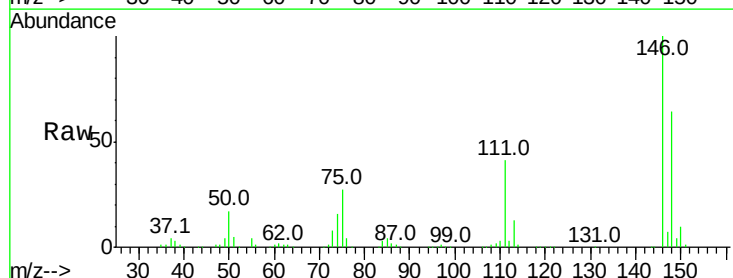
Tgt Ion: 146 Resp: 552865

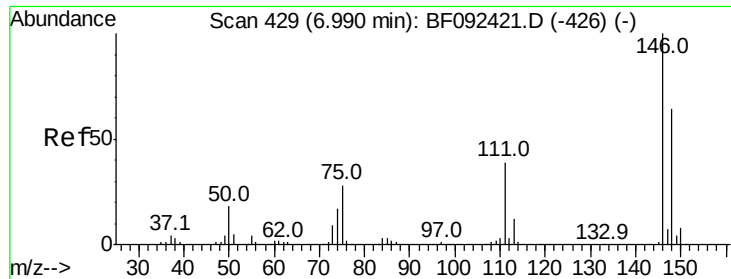
Ion Ratio Lower Upper

146 100

148 64.3 53.4 80.0

75 27.2 18.5 27.7

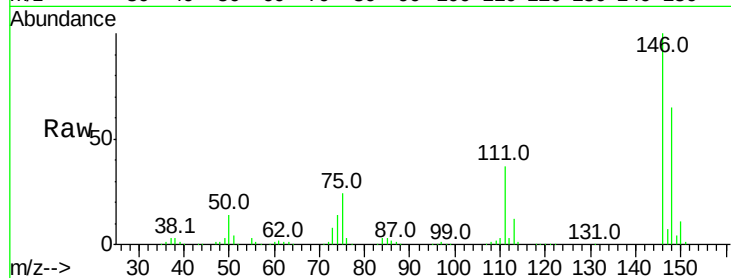




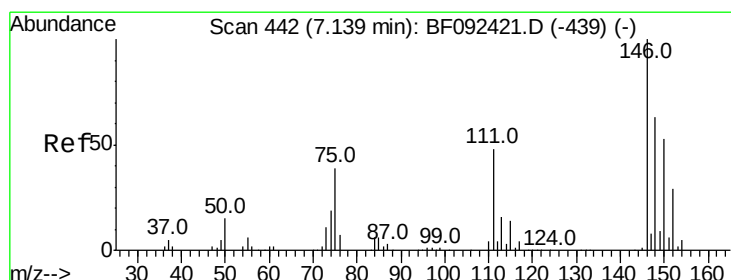
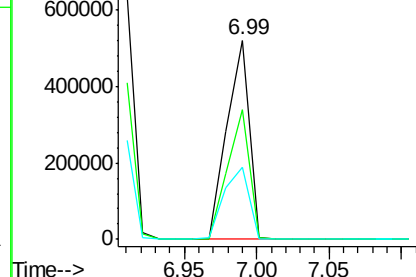
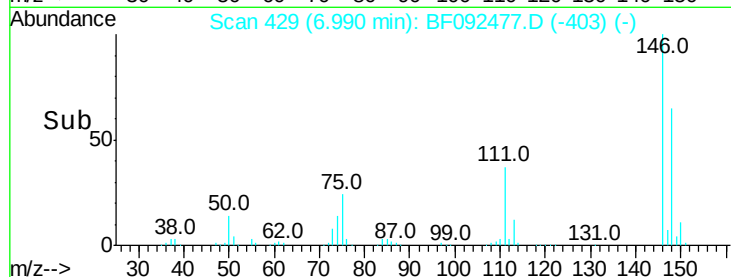
#13
 1,4-Dichlorobenzene
 Concen: 39.76 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

Tot Ion:146 Resp: 557591
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 76.0
 111 36.5 36.2 54.4

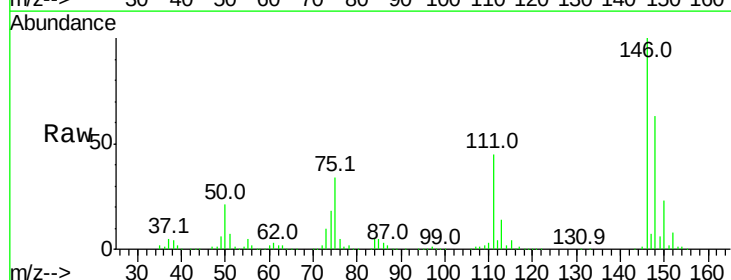


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

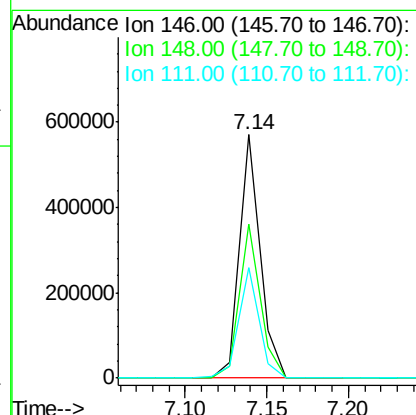
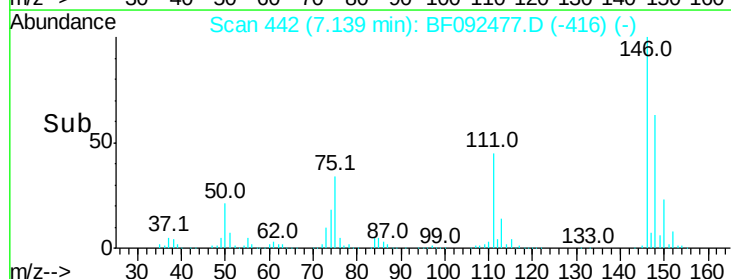


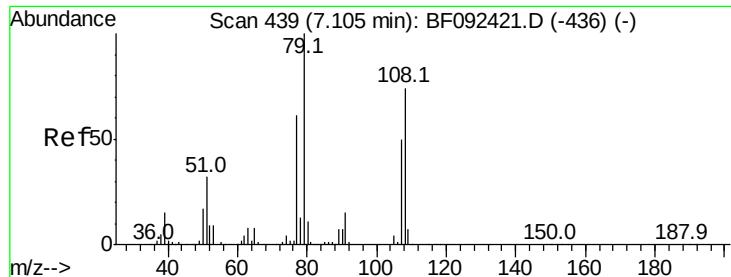
#14
 1,2-Dichlorobenzene
 Concen: 37.15 ng
 RT: 7.14 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:146 Resp: 494204
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 45.2 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 43.40 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

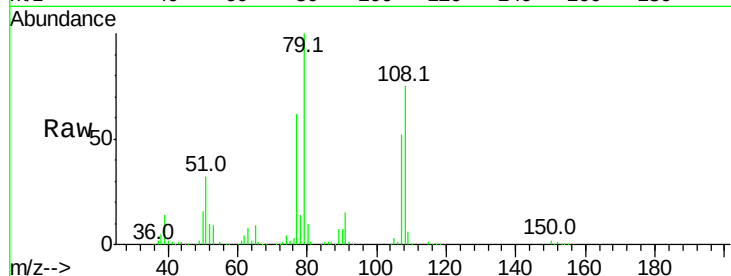
Tot Ion: 79 Resp: 467320

Ion Ratio Lower Upper

79 100

108 74.6 61.4 92.0

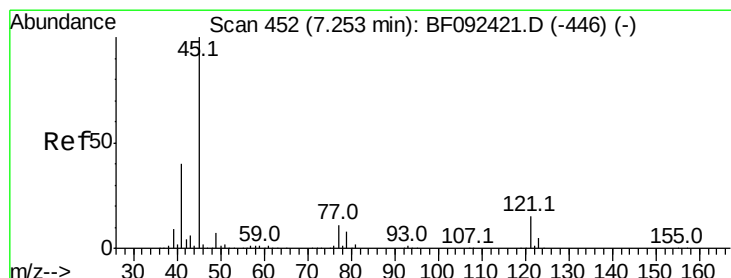
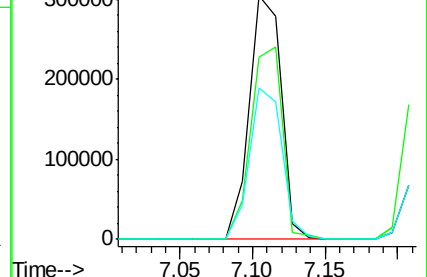
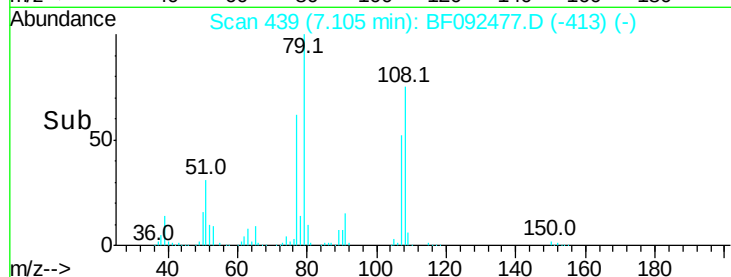
77 62.3 50.9 76.3



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: 37.82 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

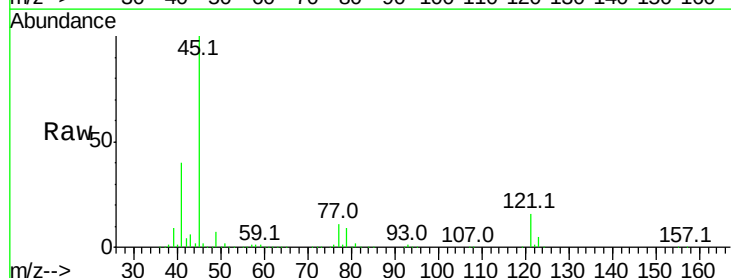
Tgt Ion: 45 Resp: 965250

Ion Ratio Lower Upper

45 100

77 11.2 0.0 34.6

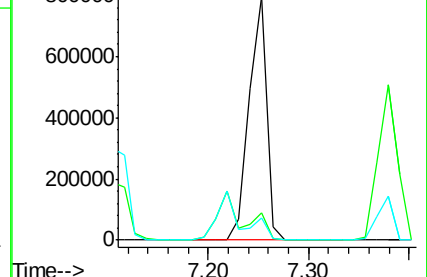
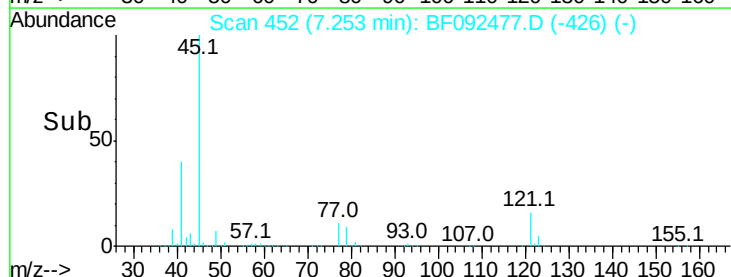
79 9.1 0.0 31.2

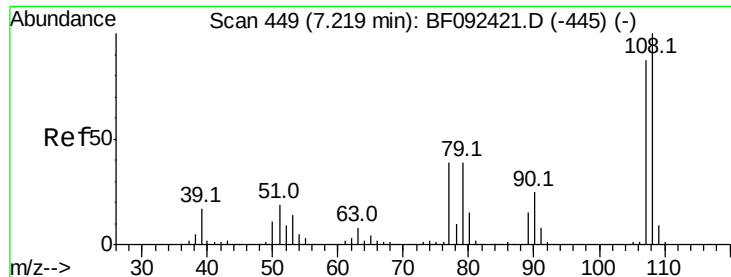


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

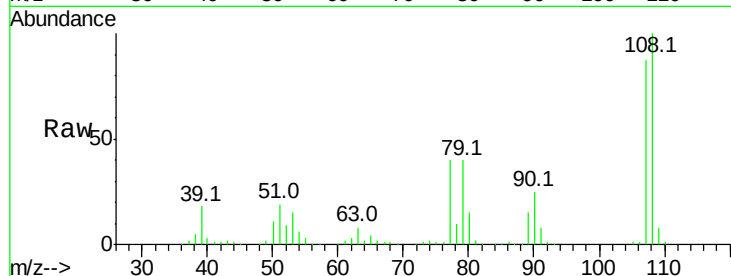




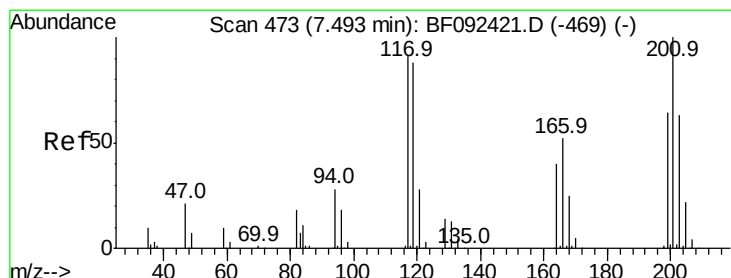
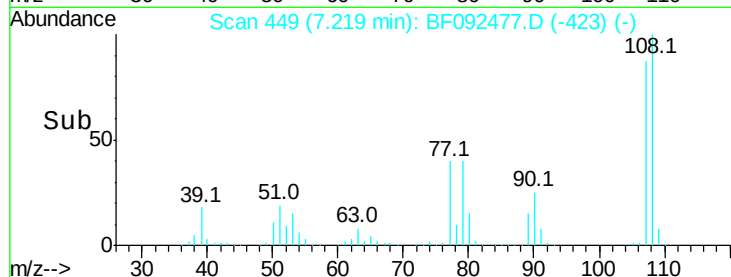
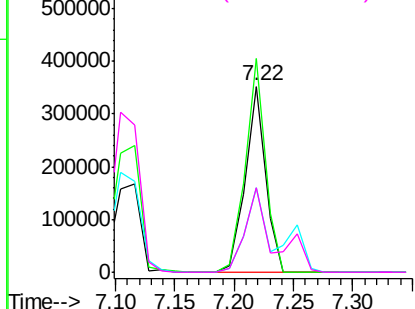
#17
2-Methylphenol
Concen: 42.11 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
PB96241BS

Tot Ion:107 Resp: 423872
Ion Ratio Lower Upper
107 100
108 114.8 93.0 139.6
77 45.5 39.8 59.8
79 45.6 38.0 57.0

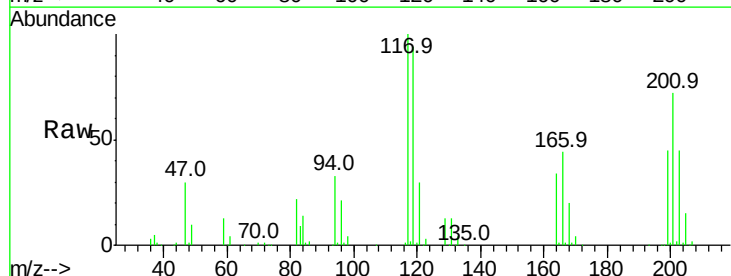


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

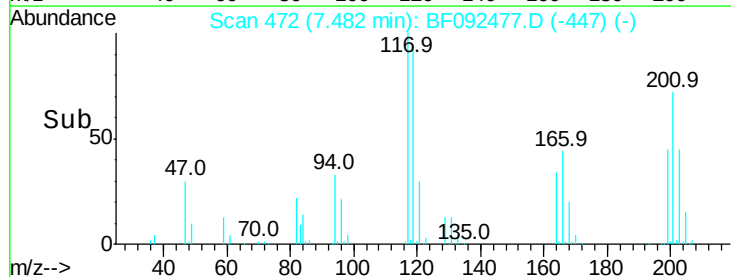
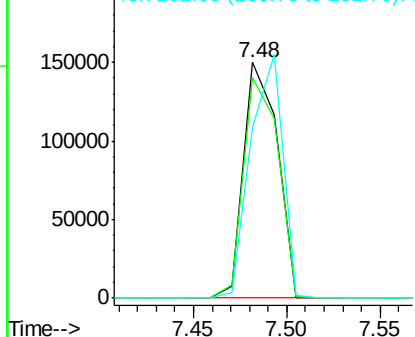


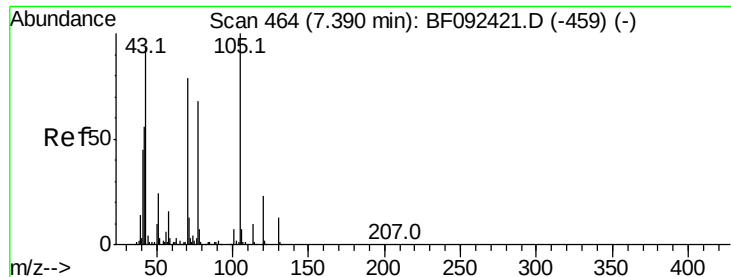
#18
Hexachloroethane
Concen: 39.04 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:117 Resp: 188608
Ion Ratio Lower Upper
117 100
119 93.8 78.1 117.1
201 72.3 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

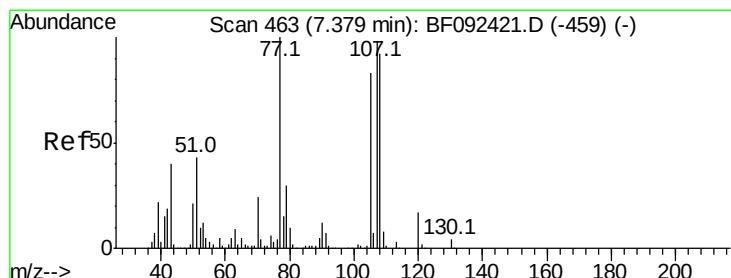
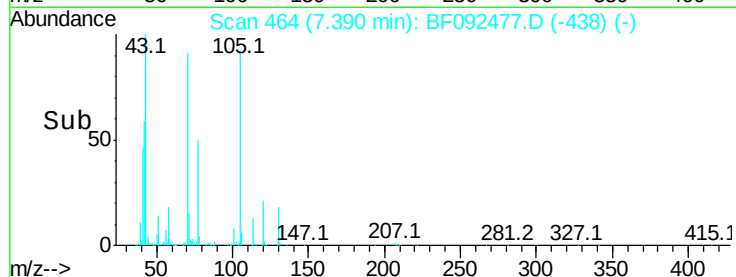
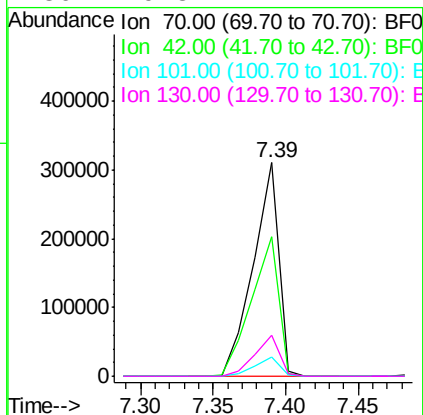
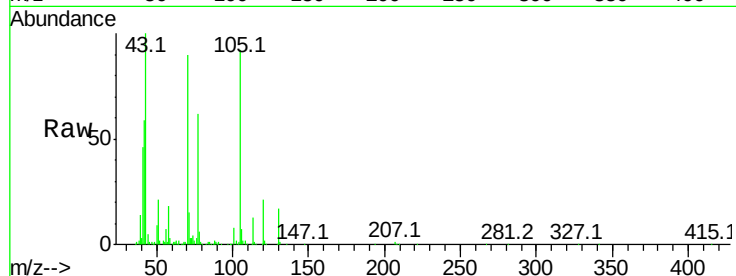




#19
n-Nitroso-di-n-propylamine
Concen: 39.24 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

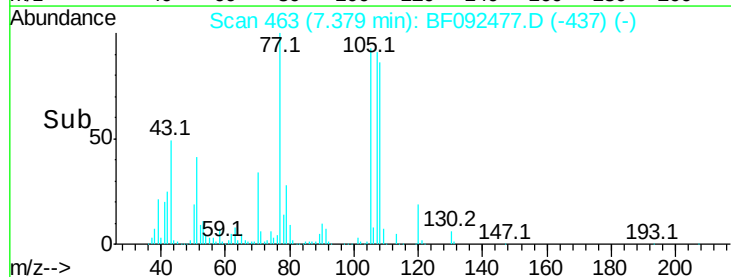
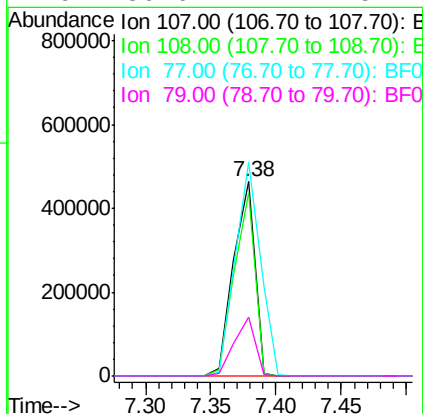
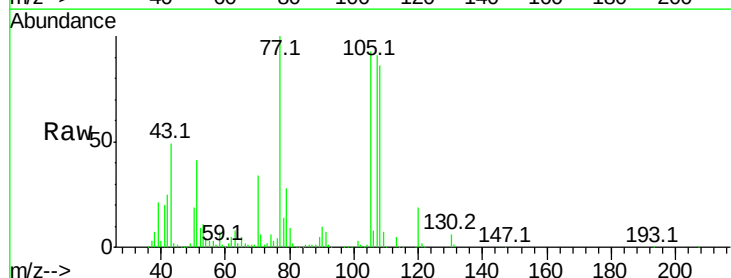
Instrument :
BNA_F
ClientSampleId :
PB96241BS

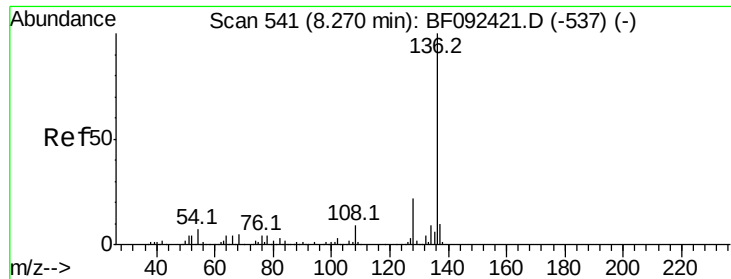
Tot Ion:	70	Resp:	381771
Ion	Ratio	Lower	Upper
70	100		
42	65.2	49.4	74.0
101	9.1	7.4	11.2
130	19.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 43.07 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:	107	Resp:	526081
Ion	Ratio	Lower	Upper
107	100		
108	94.6	73.0	113.0
77	110.1	71.3	111.3
79	30.6	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

Tot Ion:136 Resp: 712226

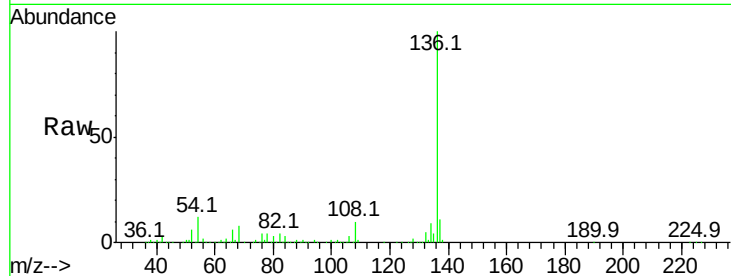
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.6 4.5 6.7#

68 7.8 3.6 5.4#

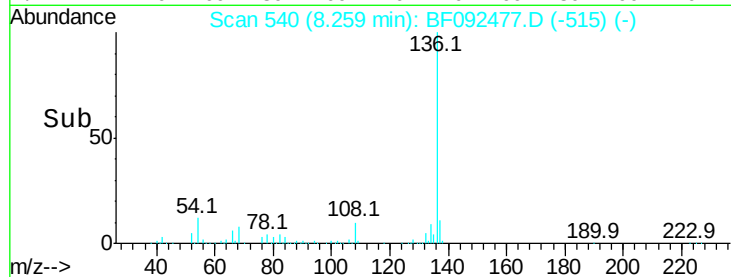


Abundance Ion 136.00 (135.70 to 136.70): E

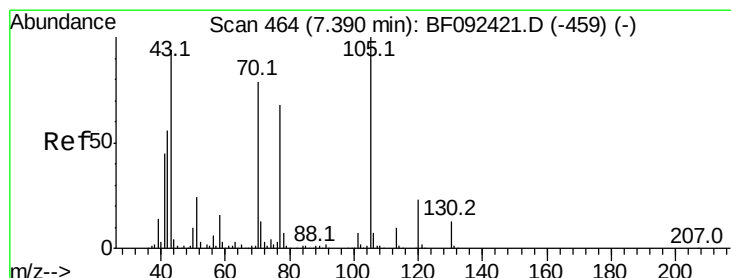
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.24 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Tgt Ion:105 Resp: 682537

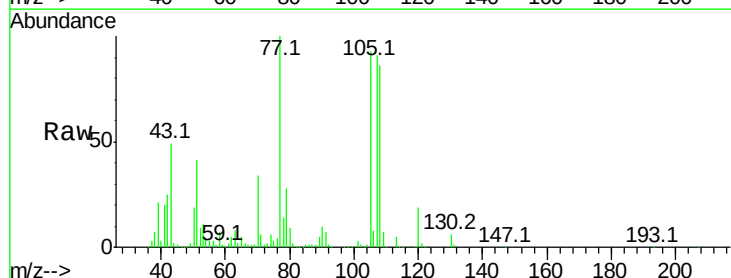
Ion Ratio Lower Upper

105 100

71 6.1 3.2 4.8#

51 44.6 26.2 39.4#

120 20.8 16.6 24.8

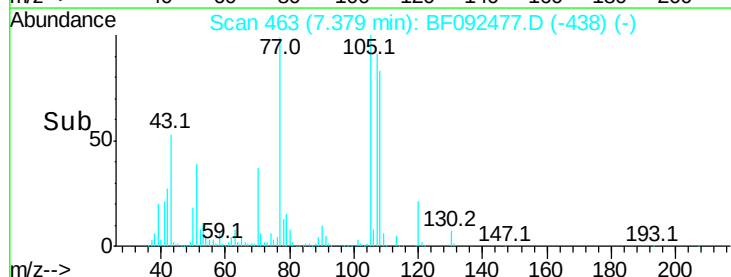


Abundance Ion 105.00 (104.70 to 105.70): E

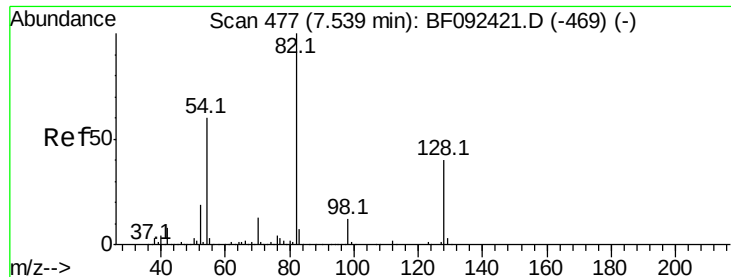
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



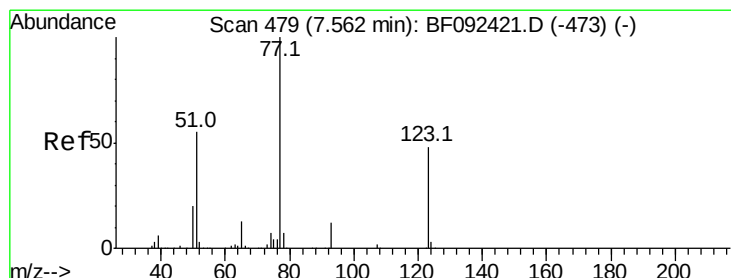
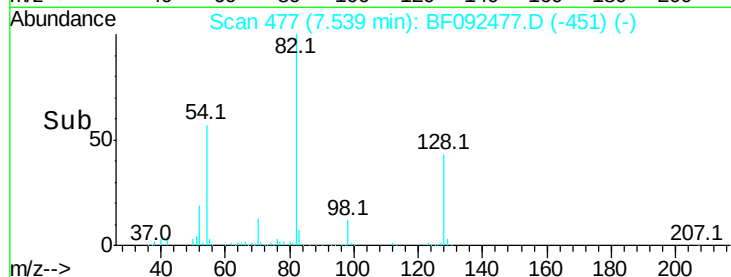
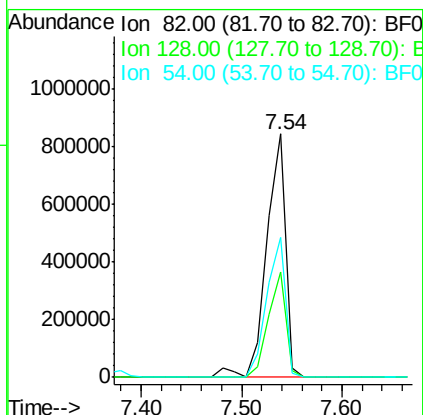
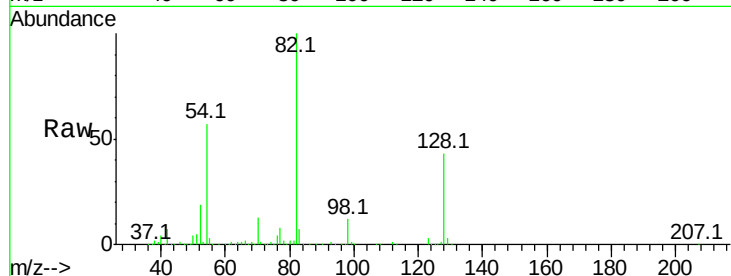
Time-->



#23
Nitrobenzene-d5
Concen: 85.01 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

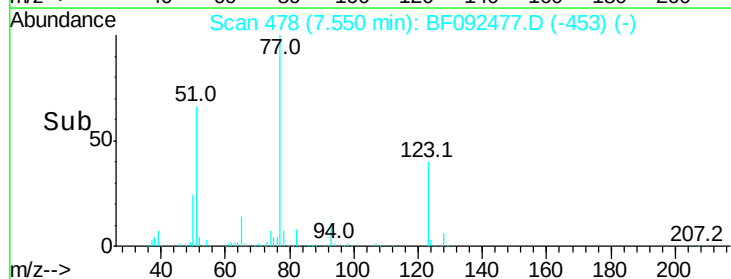
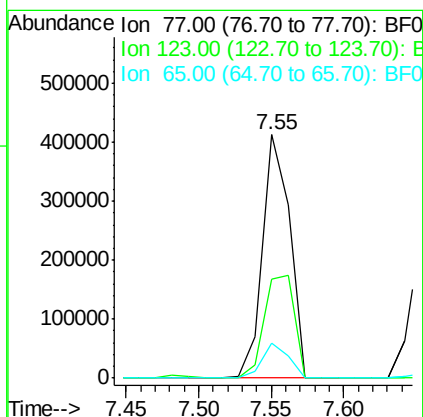
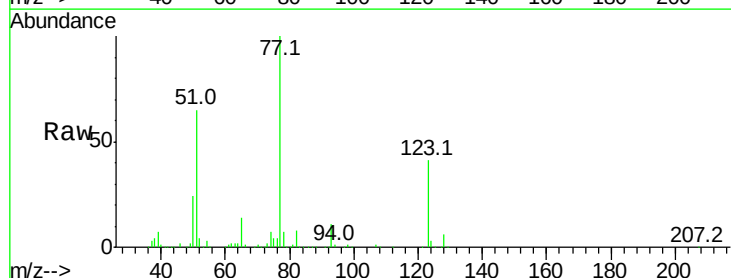
Instrument :
BNA_F
ClientSampled :
PB96241BS

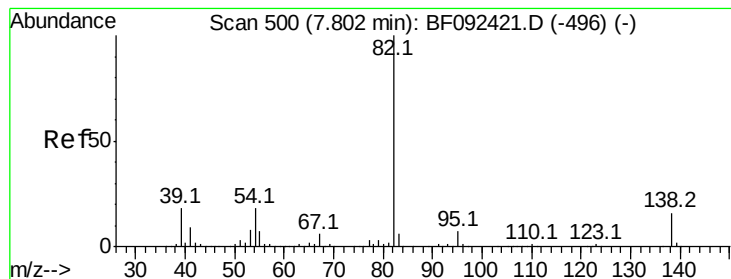
Tot Ion: 82 Resp: 1108385
Ion Ratio Lower Upper
82 100
128 43.3 34.6 52.0
54 57.5 39.5 59.3



#24
Nitrobenzene
Concen: 39.10 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion: 77 Resp: 534037
Ion Ratio Lower Upper
77 100
123 40.7 33.0 49.4
65 14.1 11.2 16.8





#25

Isophorone

Concen: 41.01 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

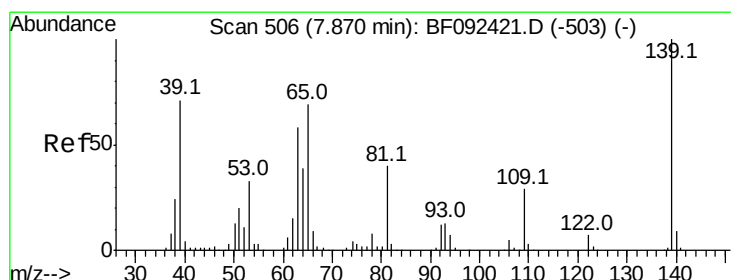
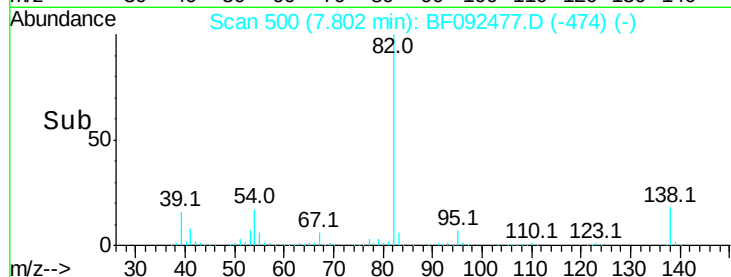
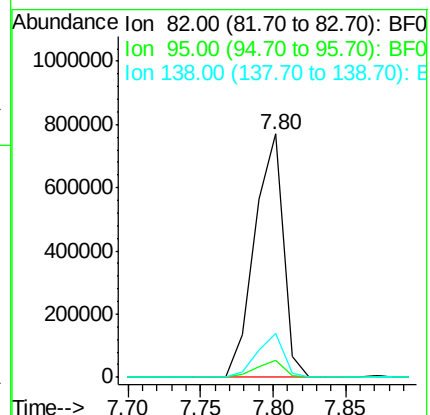
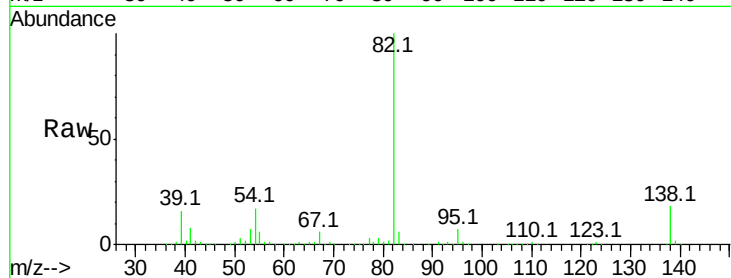
Tot Ion: 82 Resp: 1053603

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 17.9 14.6 22.0



#26

2-Nitrophenol

Concen: 44.48 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

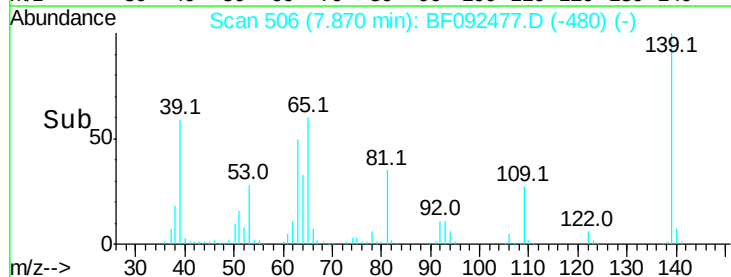
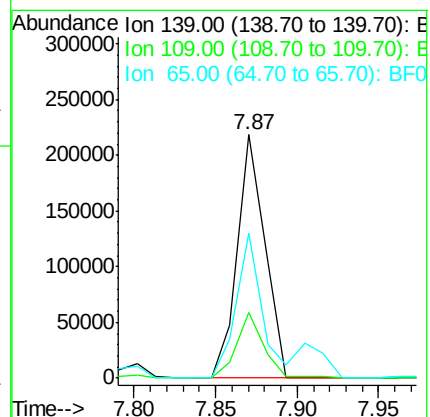
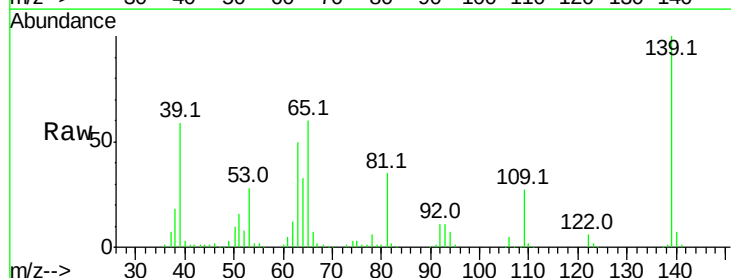
Tgt Ion: 139 Resp: 254583

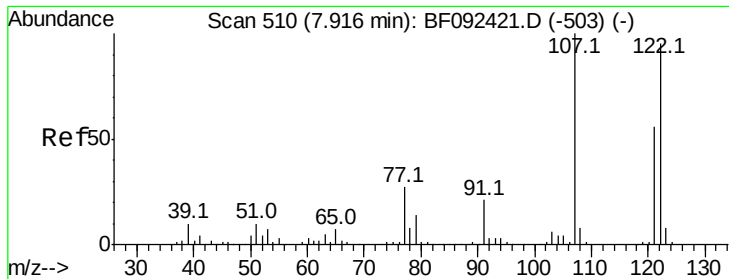
Ion Ratio Lower Upper

139 100

109 27.1 23.3 34.9

65 59.6 42.7 64.1

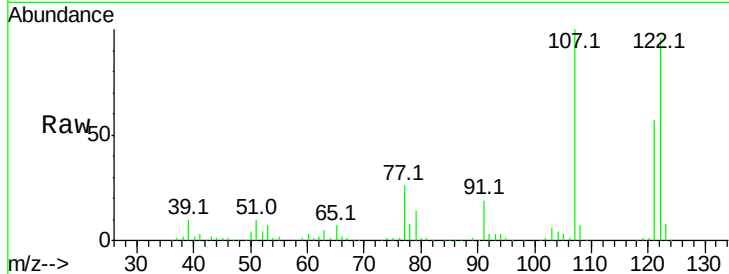




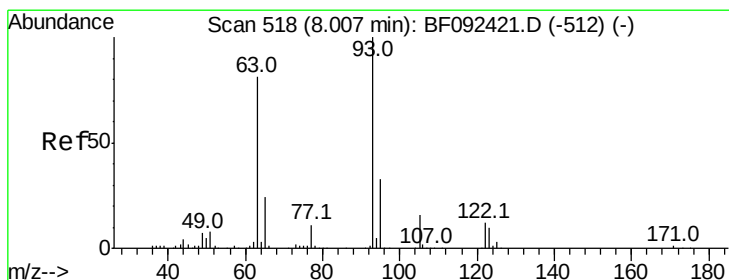
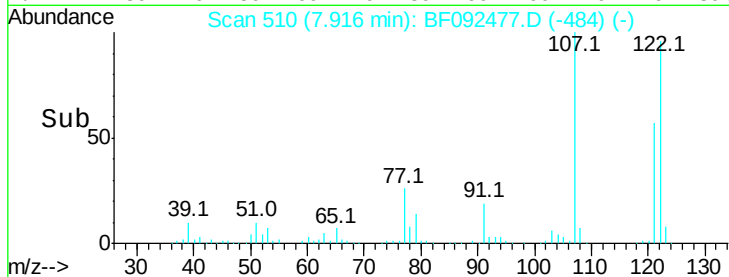
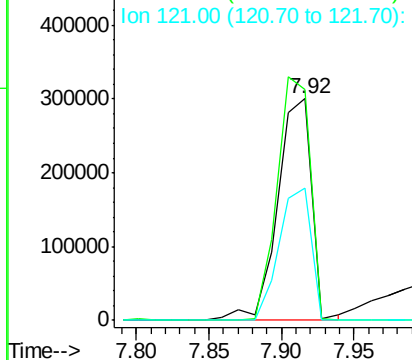
#27
 2,4-Dimethylphenol
 Concen: 40.87 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

Tot Ion:122 Resp: 486511
 Ion Ratio Lower Upper
 122 100
 107 104.5 94.1 141.1
 121 59.7 46.0 69.0

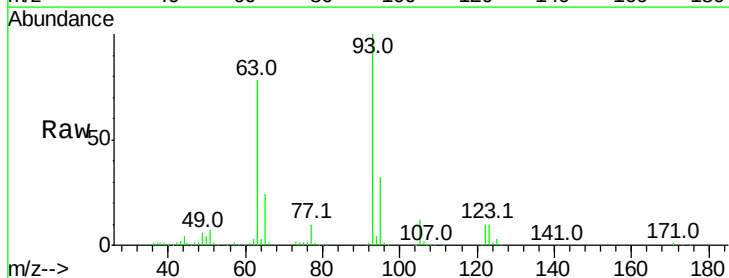


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

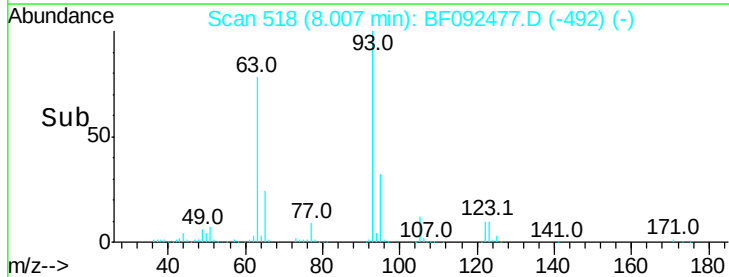
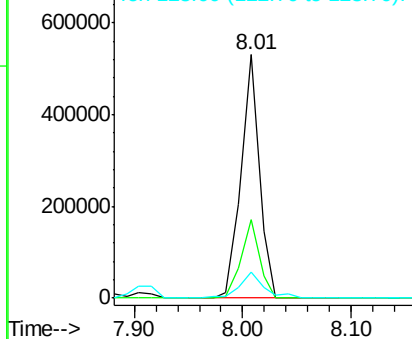


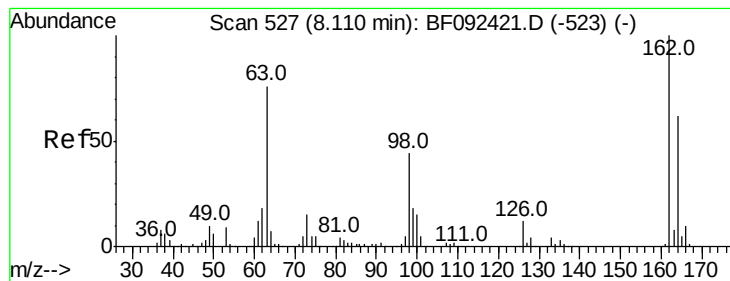
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.37 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion: 93 Resp: 613348
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 10.5 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: 42.22 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

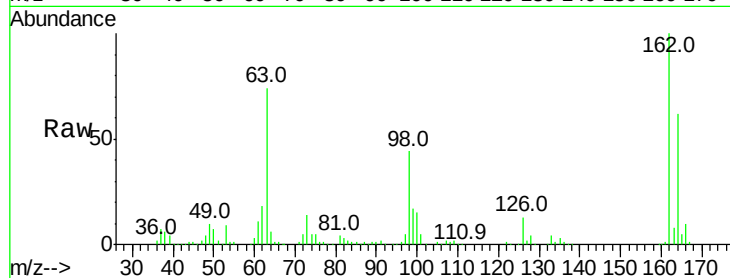
Tot Ion:162 Resp: 435746

Ion Ratio Lower Upper

162 100

164 61.6 46.8 86.8

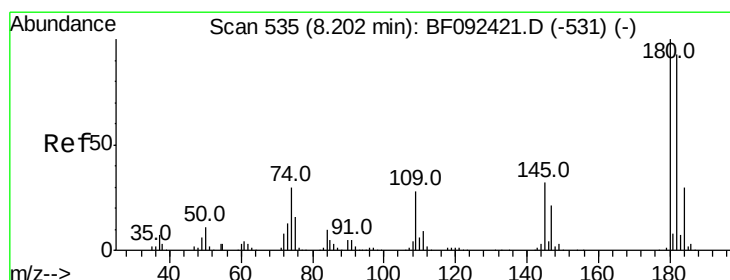
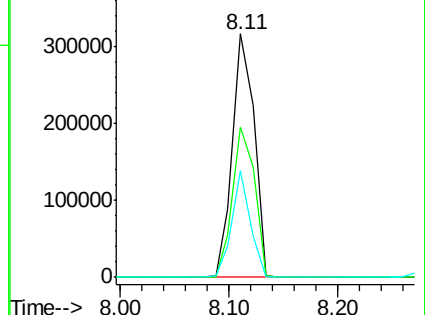
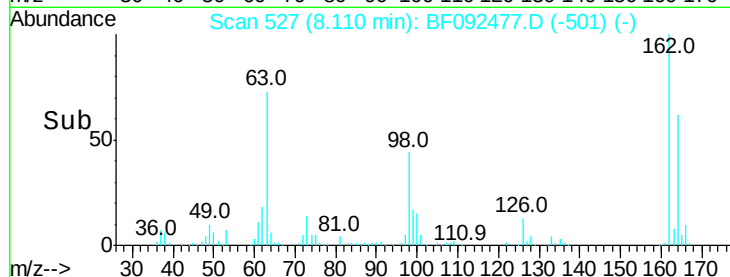
98 43.9 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.95 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

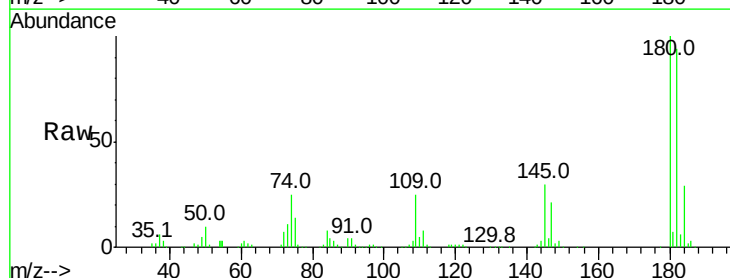
Tgt Ion:180 Resp: 445663

Ion Ratio Lower Upper

180 100

182 93.7 78.2 117.4

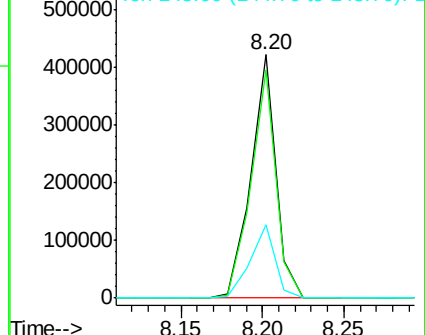
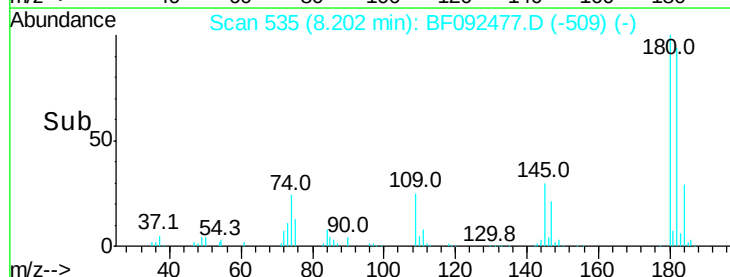
145 30.0 21.6 32.4

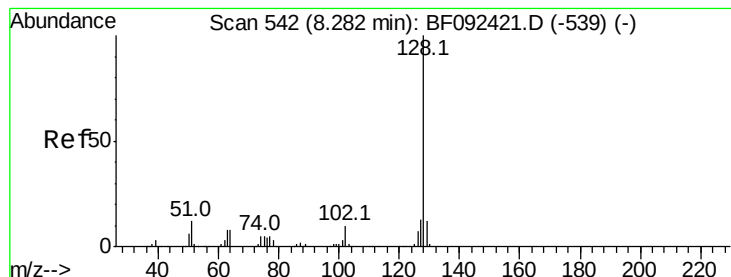


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.17 ng

RT: 8.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

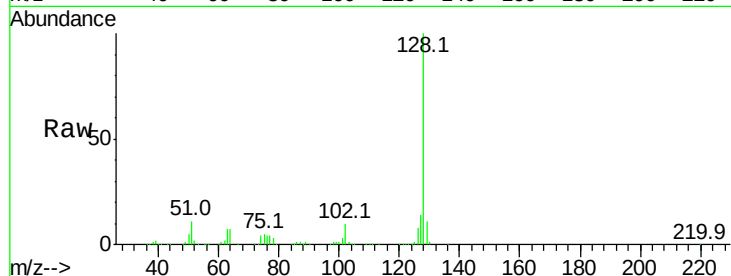
Tot Ion:128 Resp: 1354995

Ion Ratio Lower Upper

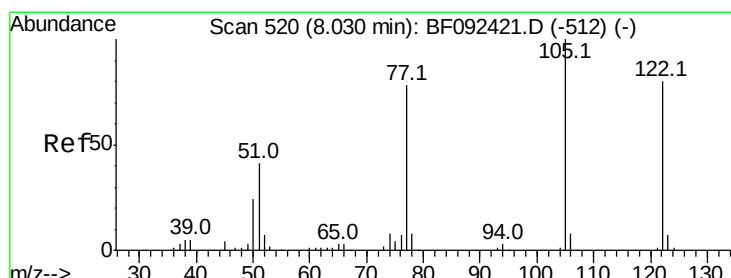
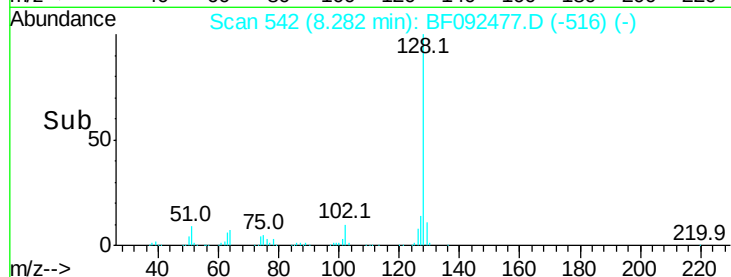
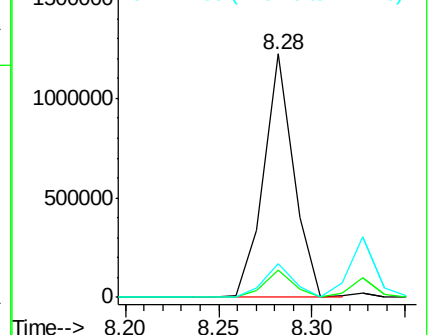
128 100

129 11.5 9.5 14.3

127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.04 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

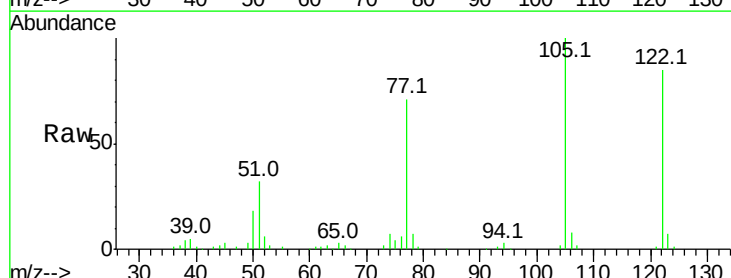
Tgt Ion:122 Resp: 338777

Ion Ratio Lower Upper

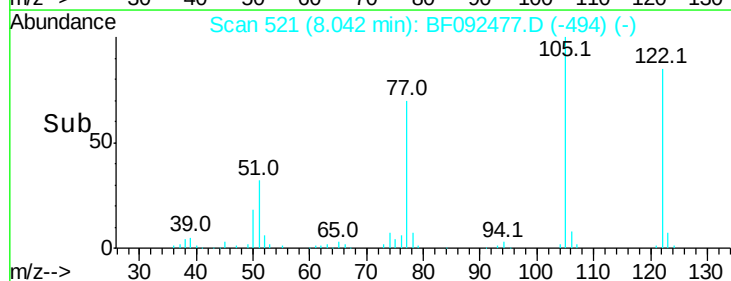
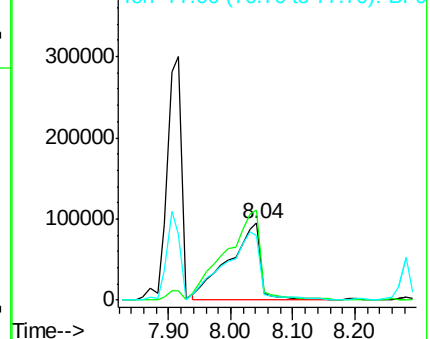
122 100

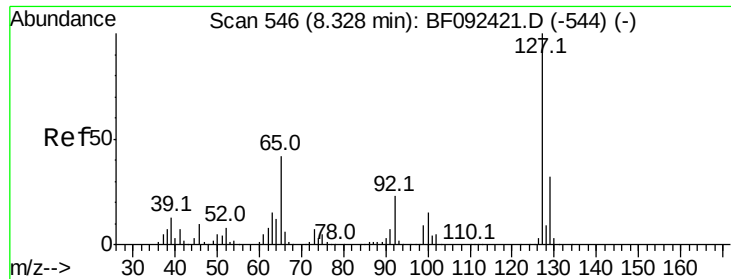
105 117.6 107.2 147.2

77 83.2 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

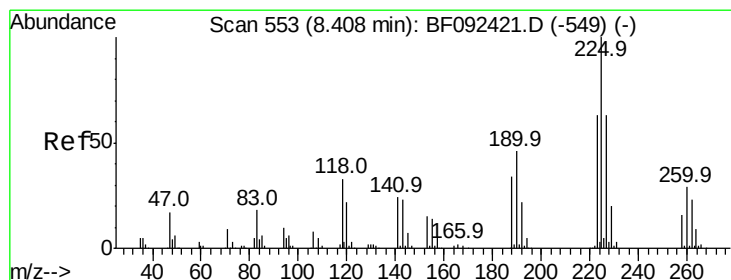
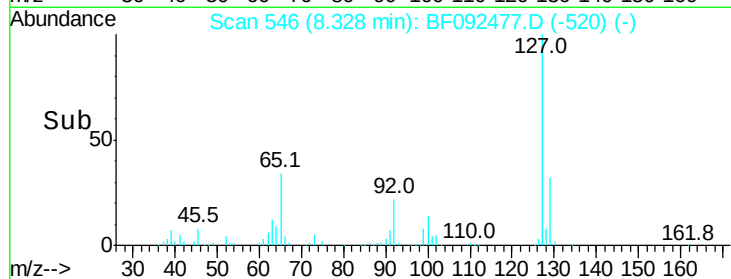
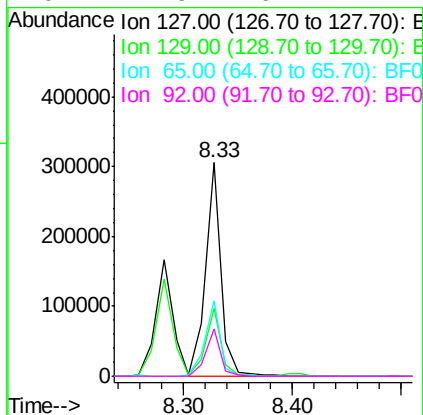
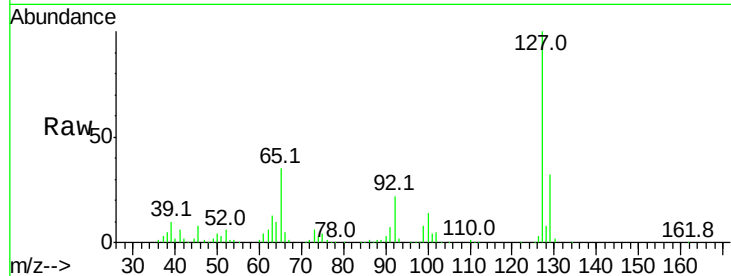




#33
 4-Chloroaniline
 Concen: 19.71 ng
 RT: 8.33 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

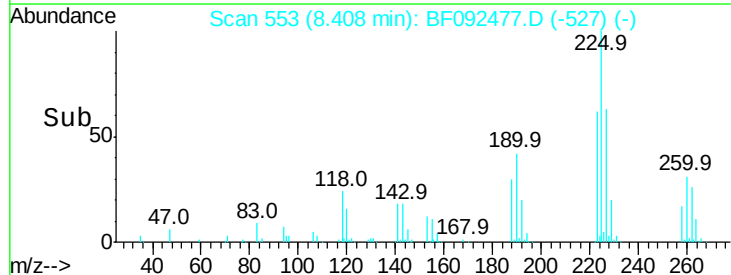
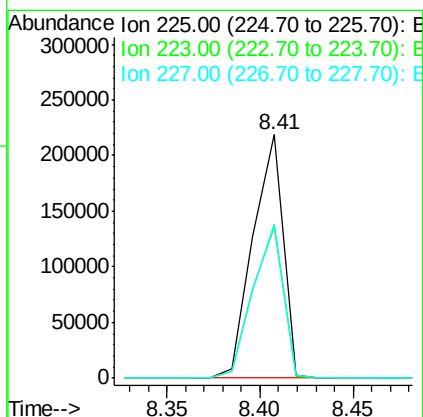
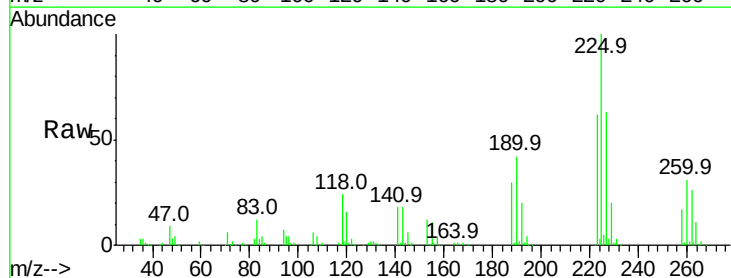
Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

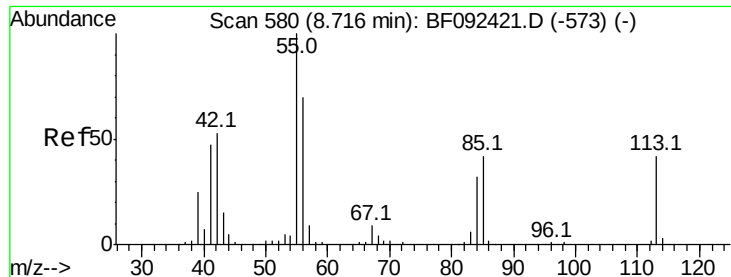
Tot Ion:	127	Resp:	303934
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	35.4	25.8	38.8
92	21.9	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 40.20 ng
 RT: 8.41 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:	225	Resp:	245267
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	63.1	50.6	76.0





#35

Caprolactam

Concen: 44.68 ng/ml

RT: 8.70 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

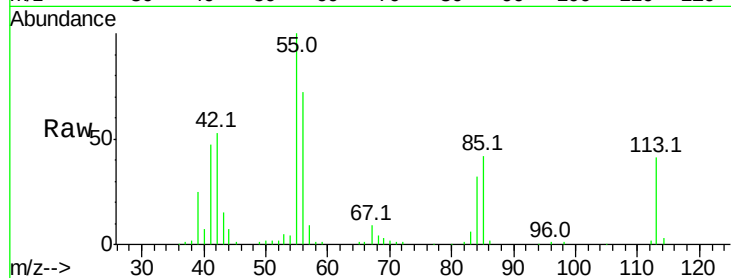
Tot Ion:113 Resp: 153989

Ion Ratio Lower Upper

113 100

55 244.5 119.2 159.2#

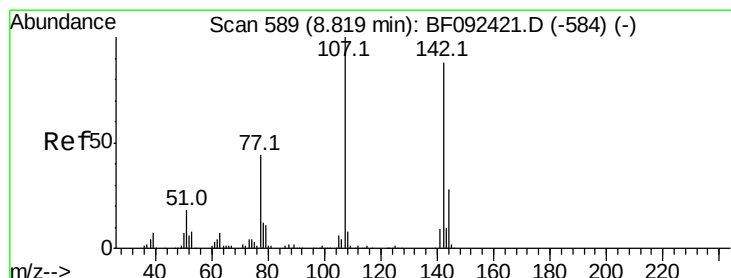
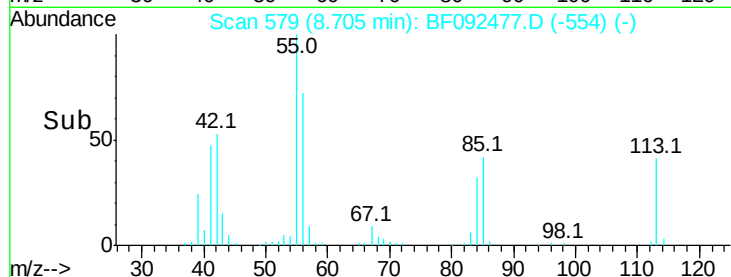
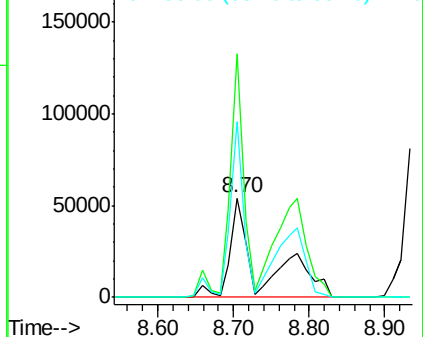
56 176.2 83.8 123.8#



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: 44.00 ng/ml

RT: 8.82 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

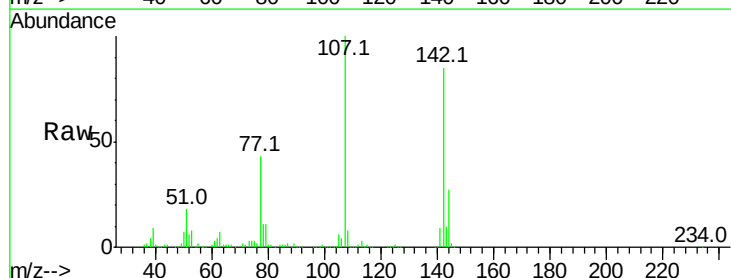
Tgt Ion:107 Resp: 489622

Ion Ratio Lower Upper

107 100

144 27.3 19.3 28.9

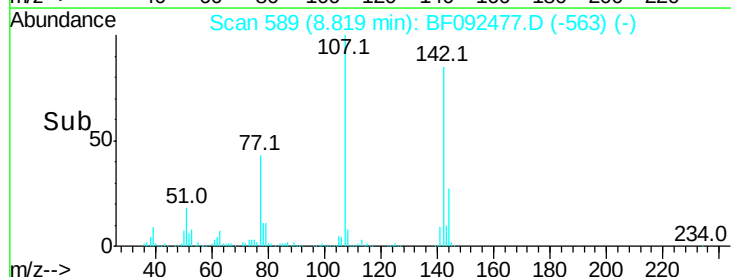
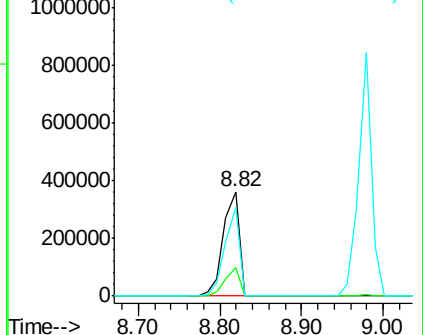
142 85.1 59.0 88.6

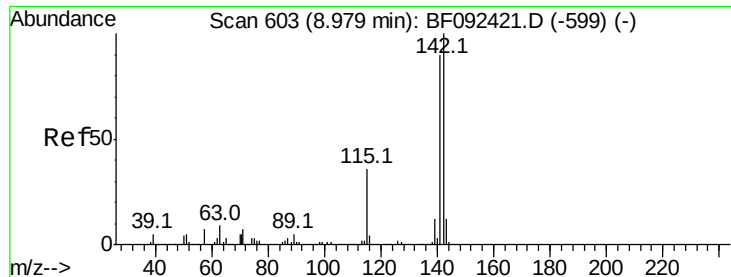


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

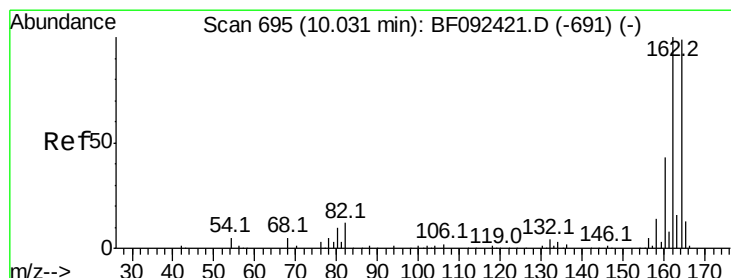
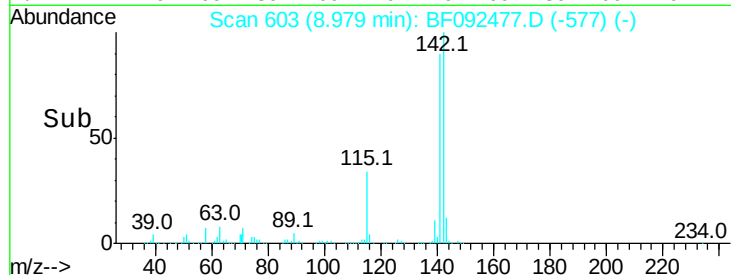
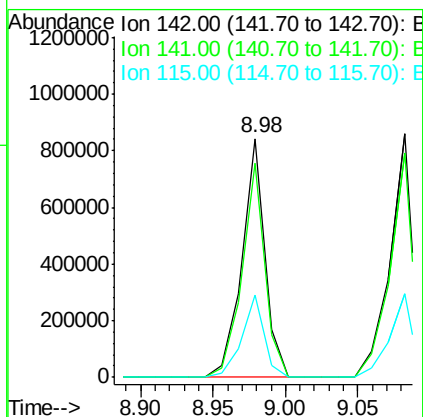
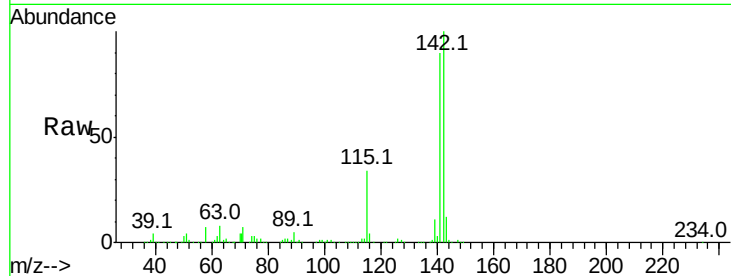




#37
2-Methylnaphthalene
Concen: 40.16 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

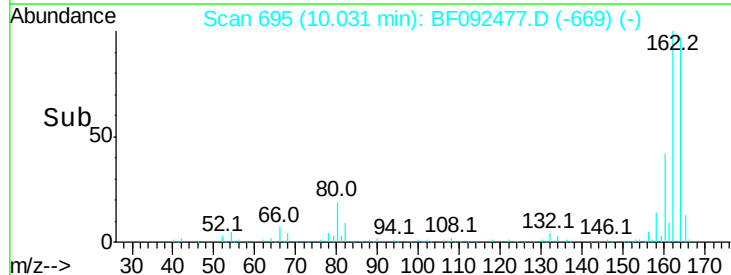
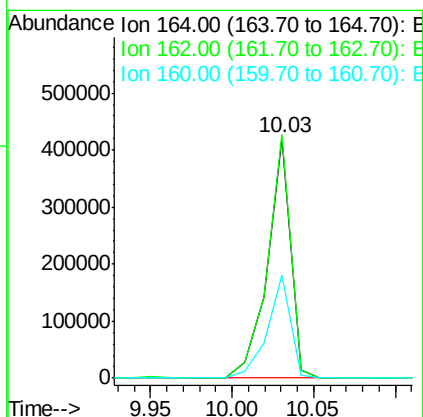
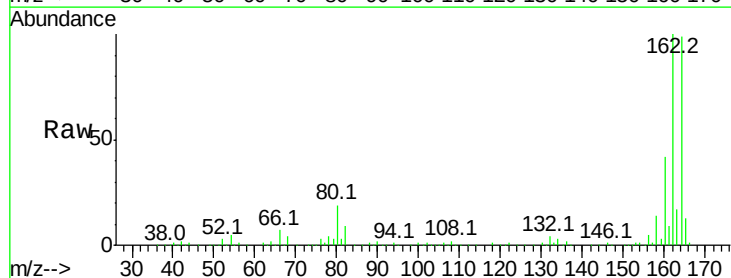
Instrument :
BNA_F
ClientSampleId :
PB96241BS

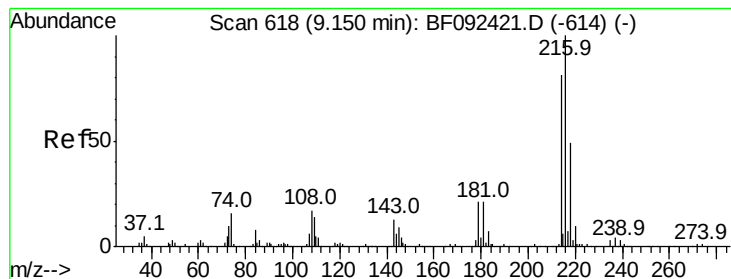
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	34.2	28.3	42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	42.5	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.91 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

Tot Ion:216 Resp: 450795

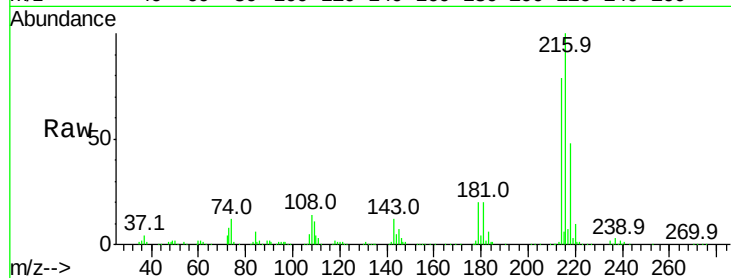
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.0

179 21.0 17.4 26.2

108 19.8 15.6 23.4

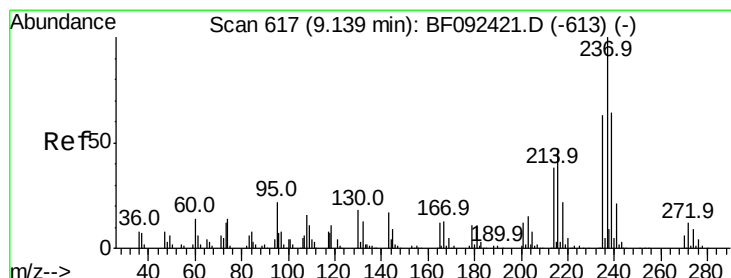
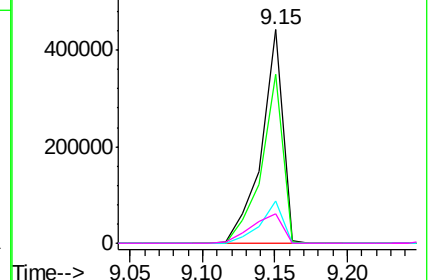
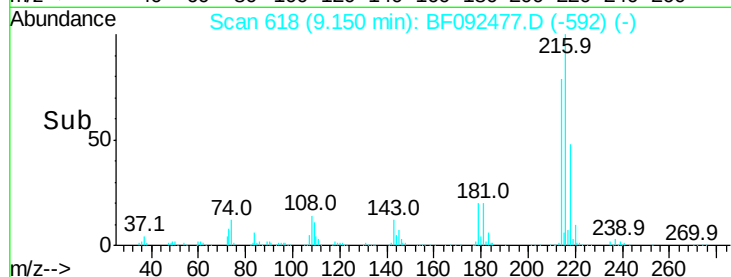


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.85 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

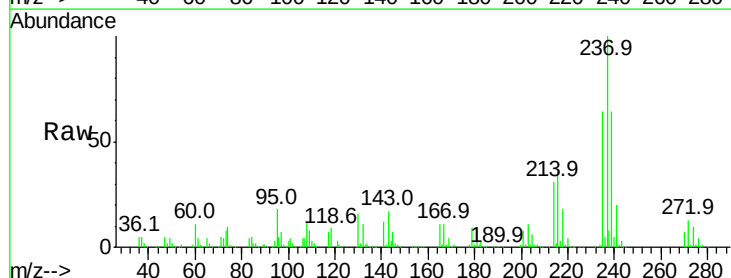
Tgt Ion:237 Resp: 435909

Ion Ratio Lower Upper

237 100

235 63.6 41.2 81.2

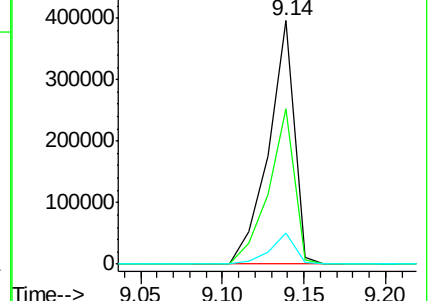
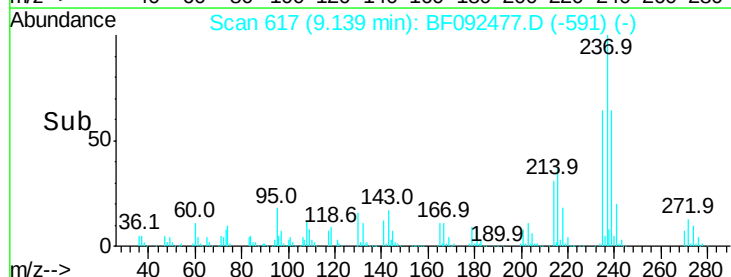
272 13.0 0.0 35.4

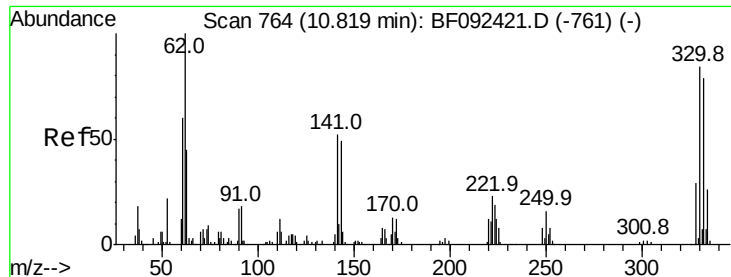


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 111.96 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

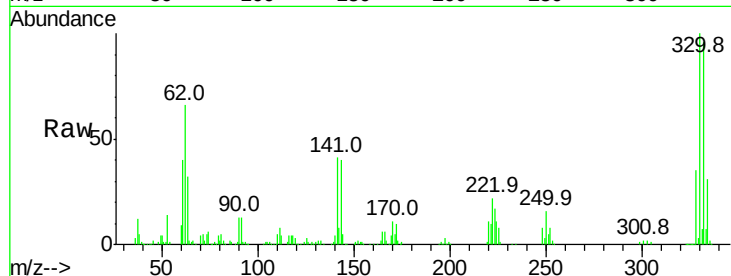
Tot Ion:330 Resp: 317799

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

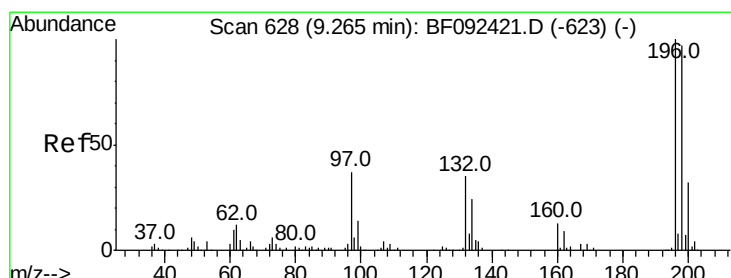
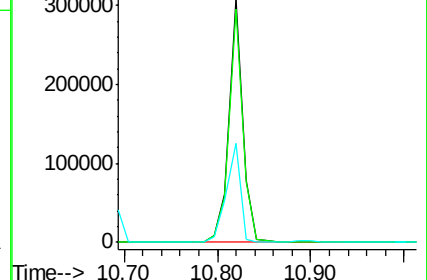
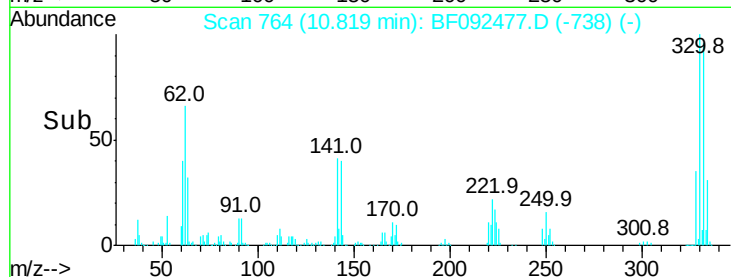
141 41.5 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.42 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

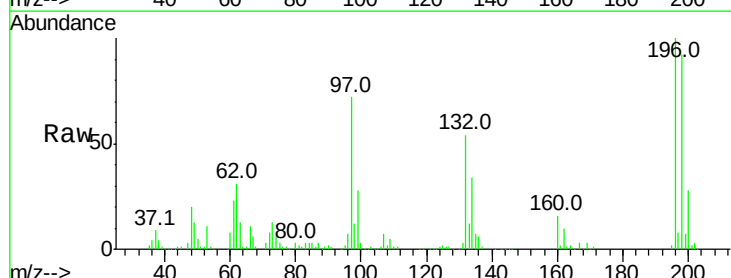
Tgt Ion:196 Resp: 325409

Ion Ratio Lower Upper

196 100

198 92.0 82.1 123.1

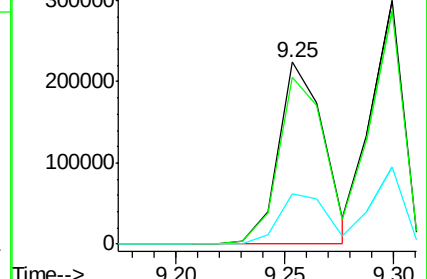
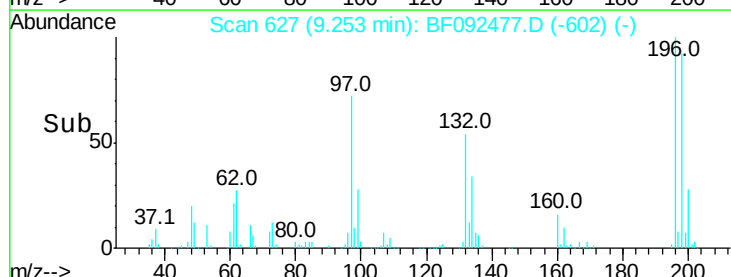
200 27.8 27.0 40.4

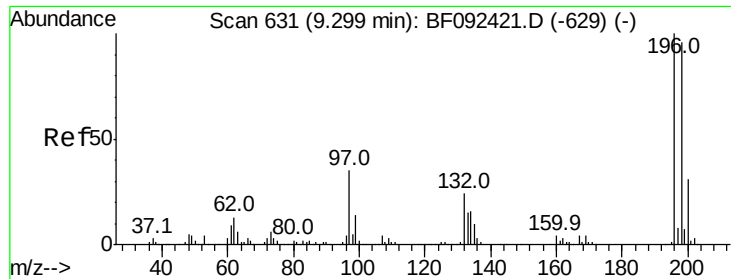


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

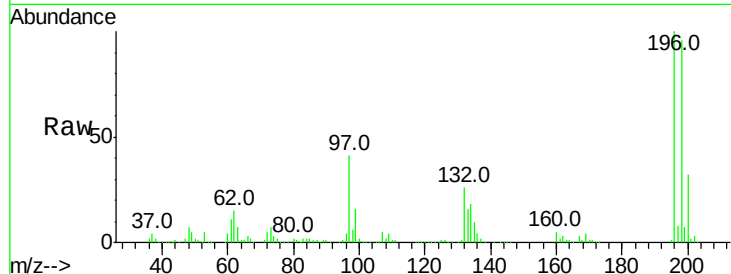




#43
 2,4,5-Trichlorophenol
 Concen: 42.32 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	79.4	119.2
97	41.2	51.5	77.3#
132	26.0	27.4	41.2#



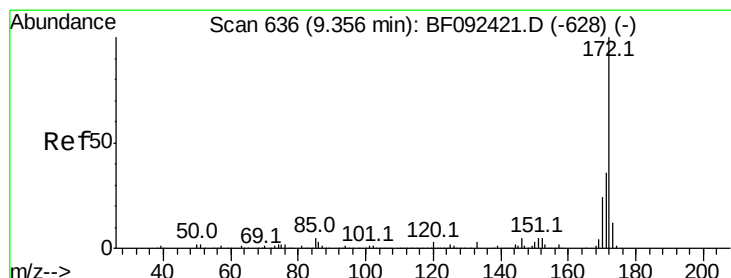
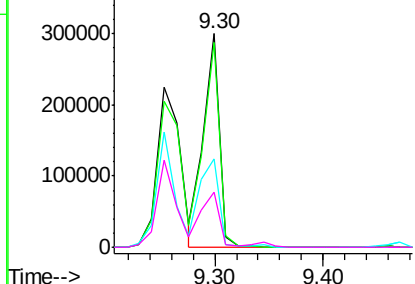
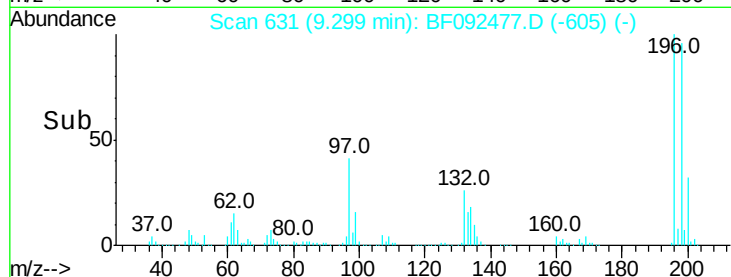
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

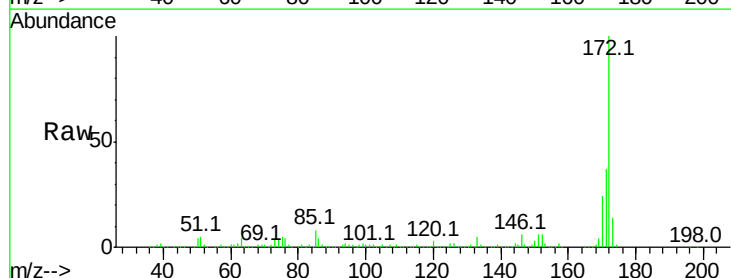
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.05 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.3	20.2	30.4

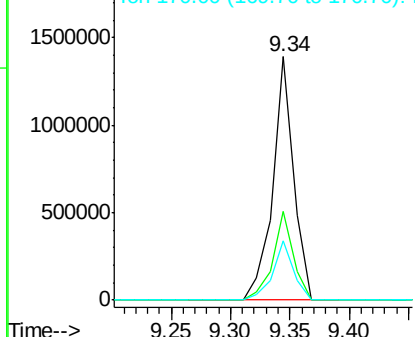
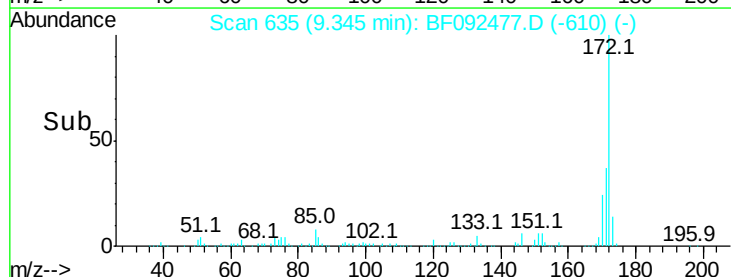


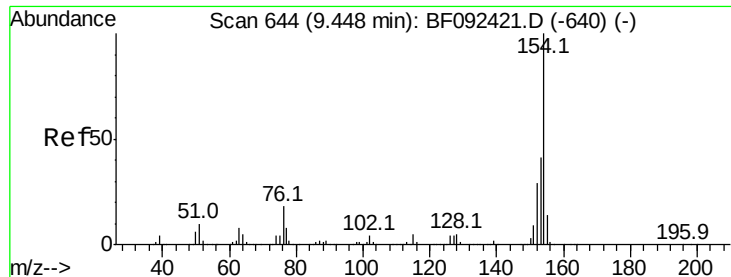
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.25 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

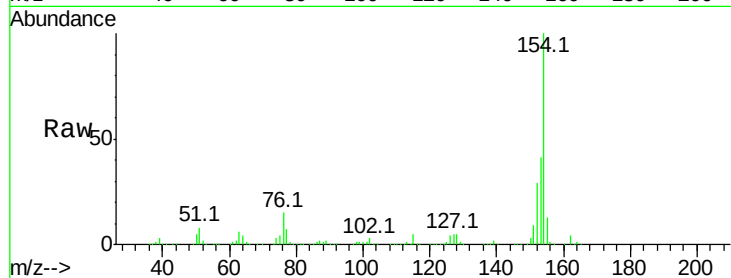
Tot Ion:154 Resp: 1151734

Ion Ratio Lower Upper

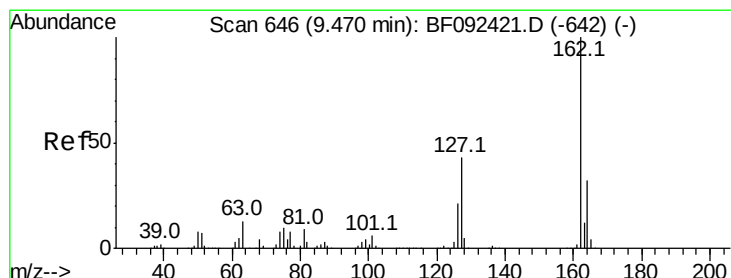
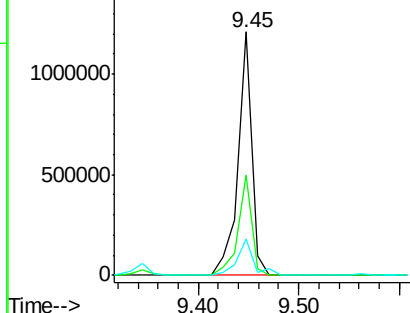
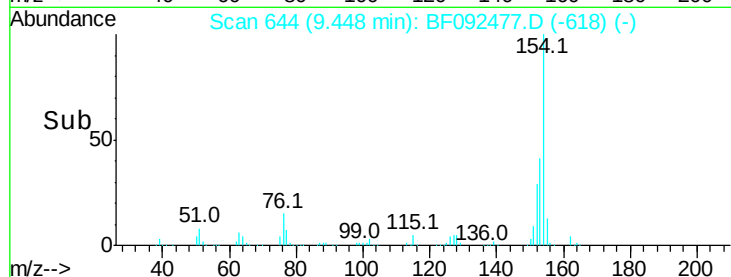
154 100

153 41.0 20.9 60.9

76 14.9 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: 35.55 ng

RT: 9.47 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

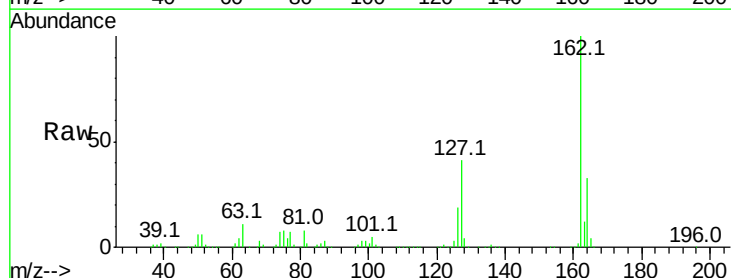
Tgt Ion:162 Resp: 874368

Ion Ratio Lower Upper

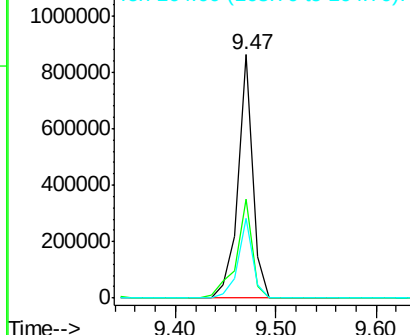
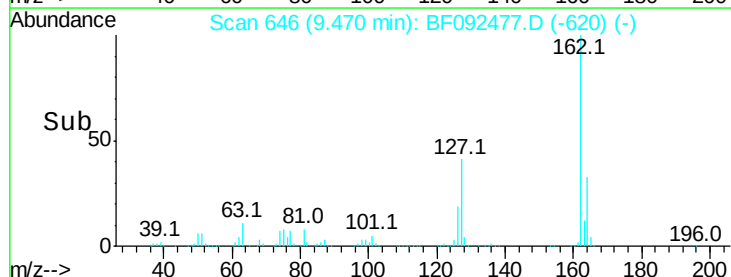
162 100

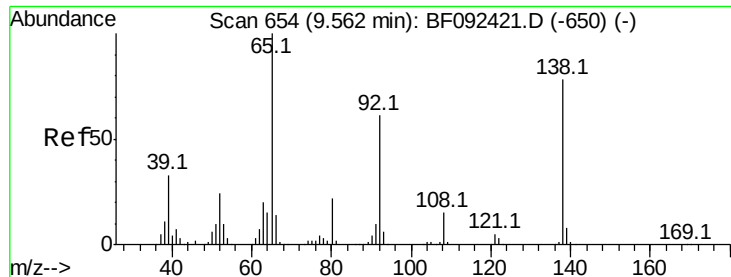
127 40.9 30.7 46.1

164 32.8 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

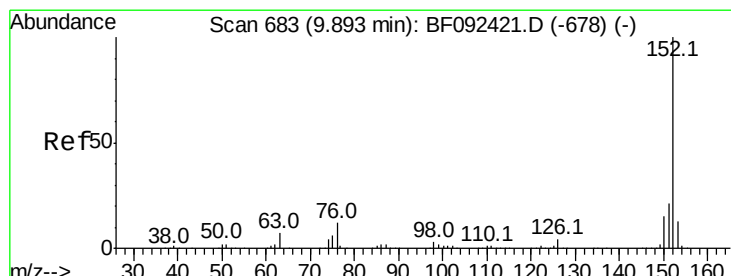
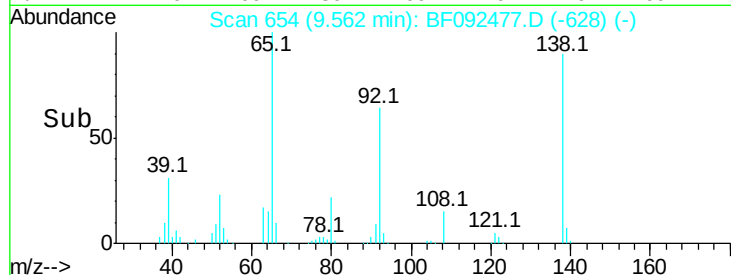
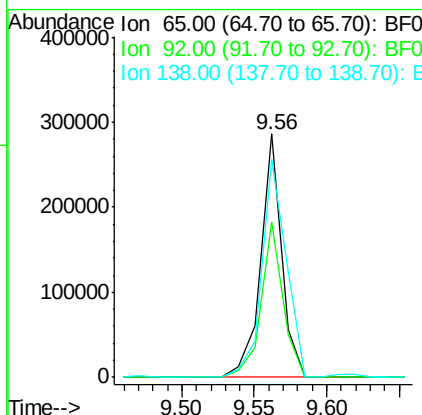
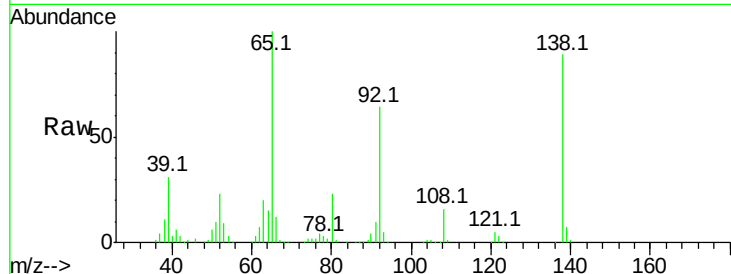




#47
 2-Nitroaniline
 Concen: 34.55 ng
 RT: 9.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

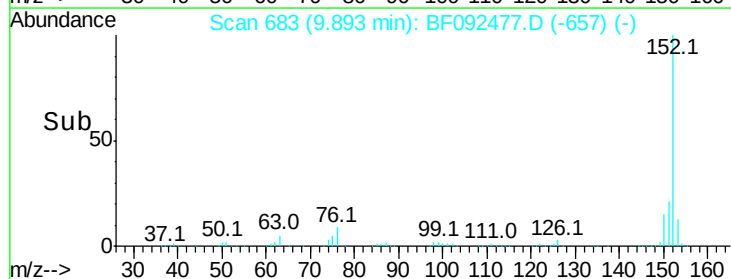
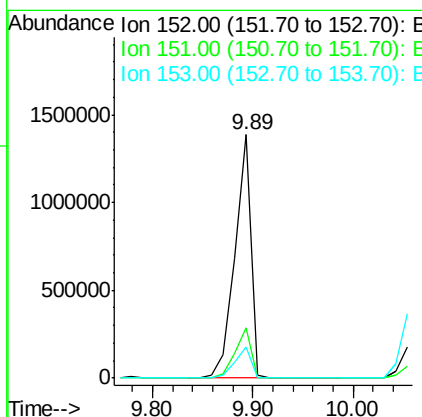
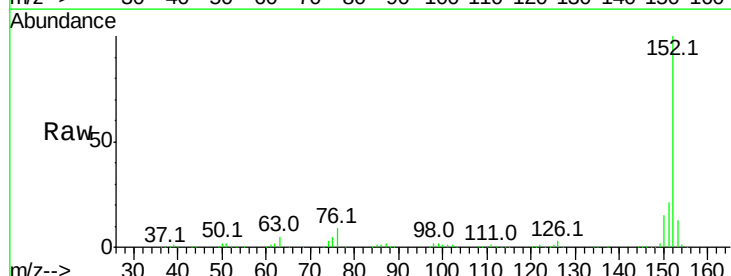
Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

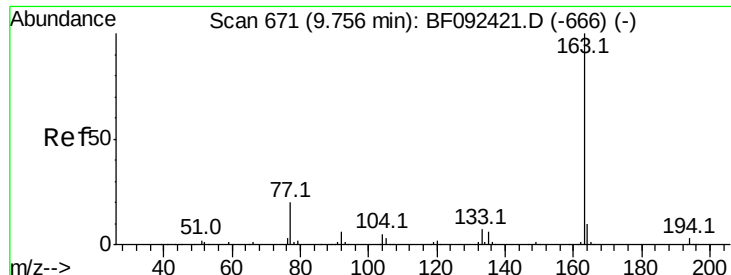
Tot Ion:	65	Resp:	286117
Ion	Ratio	Lower	Upper
65	100		
92	63.7	53.9	80.9
138	89.5	76.8	115.2



#48
 Acenaphthylene
 Concen: 42.52 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:	152	Resp:	1533687
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	12.9	11.4	17.2

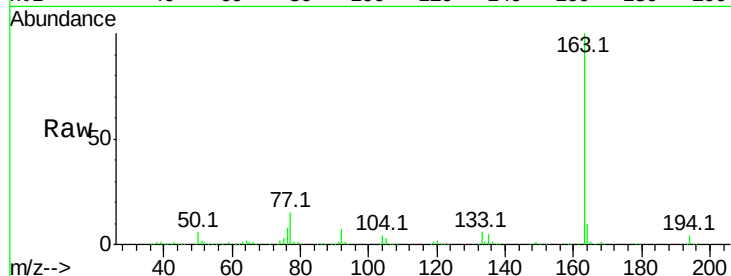




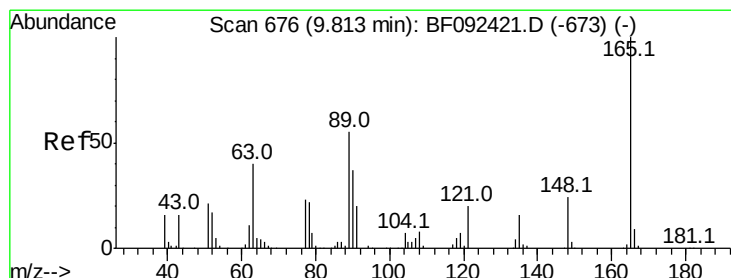
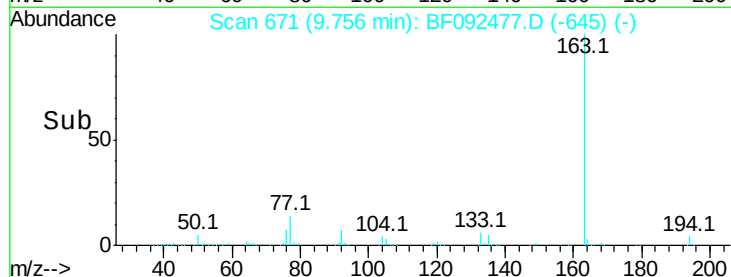
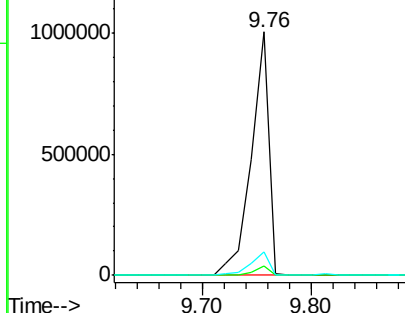
#49
Dimethylphthalate
Concen: 42.41 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
PB96241BS

Tot Ion:163 Resp: 1123191
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.6 8.0 12.0

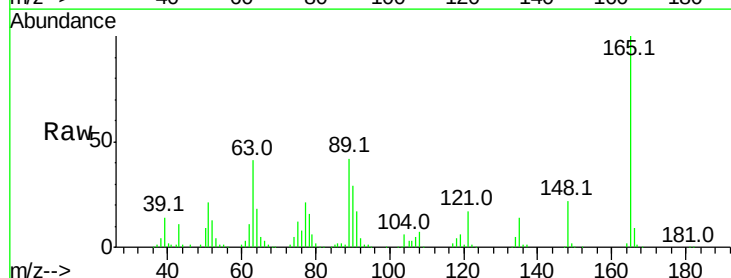


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

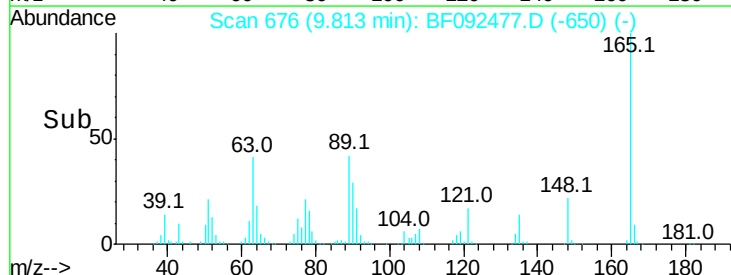
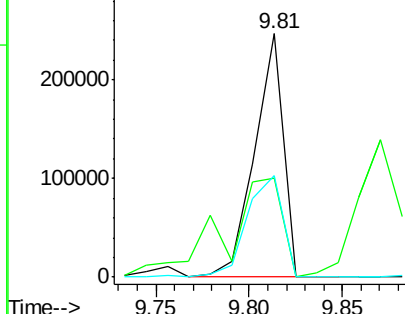


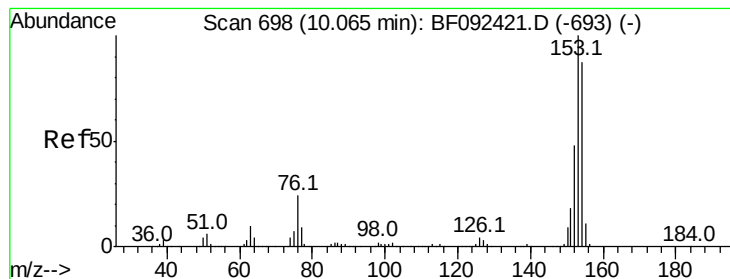
#50
2,6-Dinitrotoluene
Concen: 48.39 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:165 Resp: 261990
Ion Ratio Lower Upper
165 100
63 40.8 36.2 54.4
89 41.6 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: 44.72 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

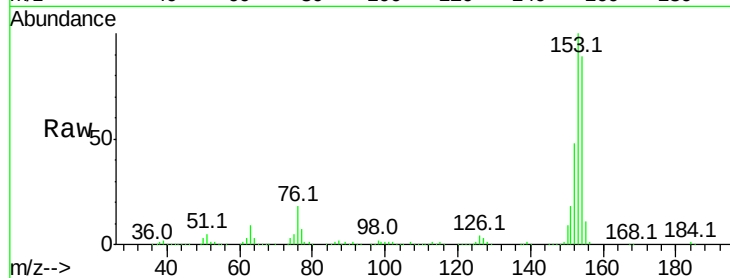
Tot Ion:154 Resp: 1002329

Ion Ratio Lower Upper

154 100

153 112.6 88.6 133.0

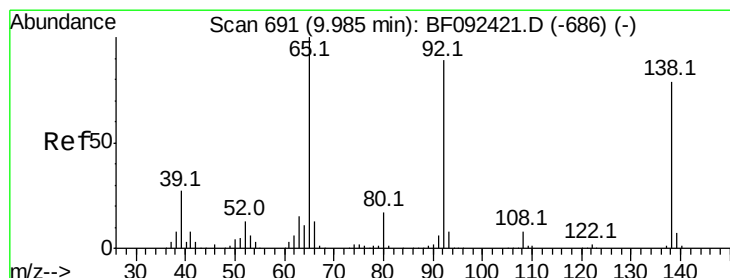
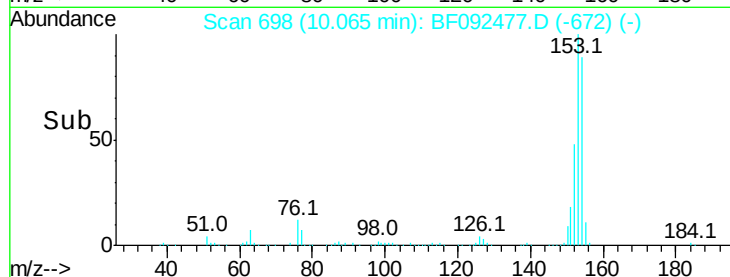
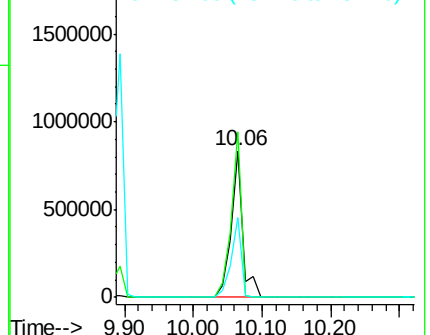
152 54.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.45 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

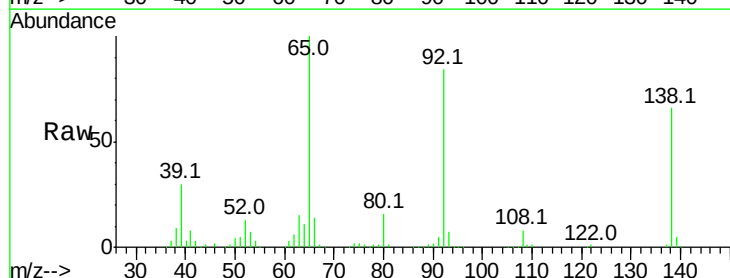
Tgt Ion:138 Resp: 165791

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

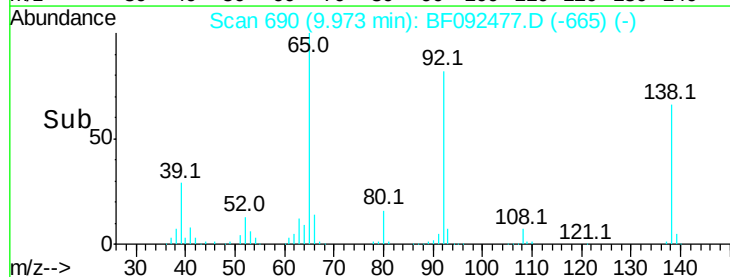
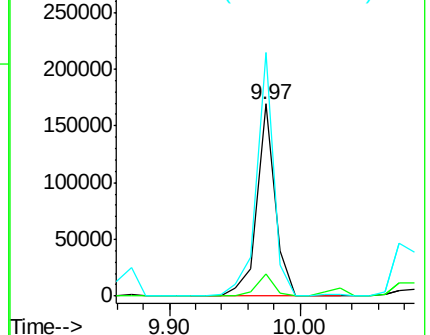
92 126.7 97.8 146.8

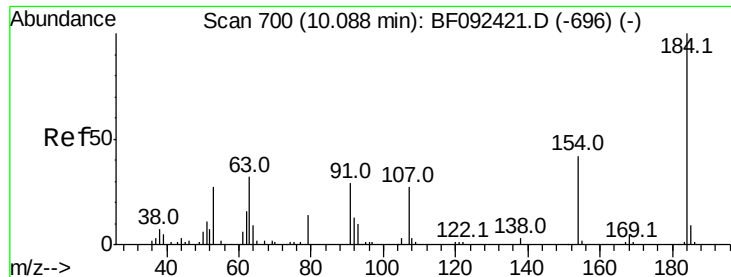


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

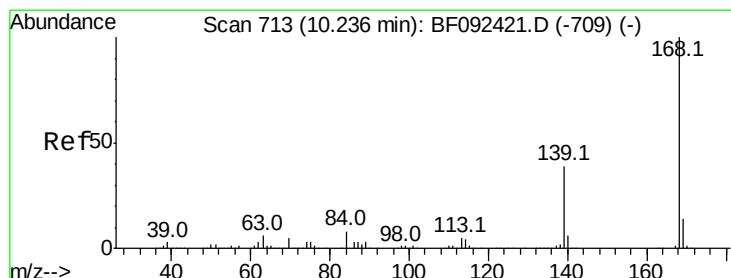
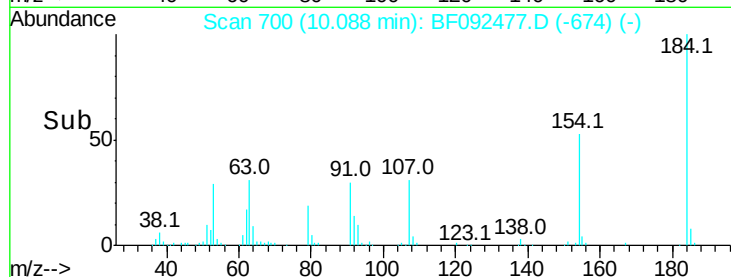
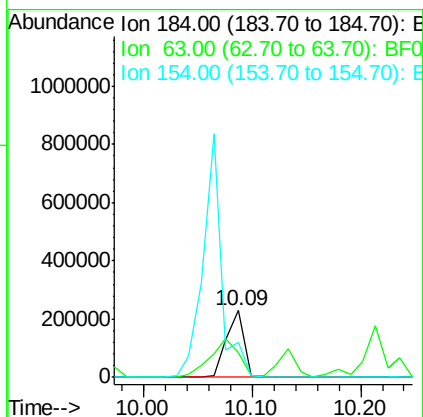
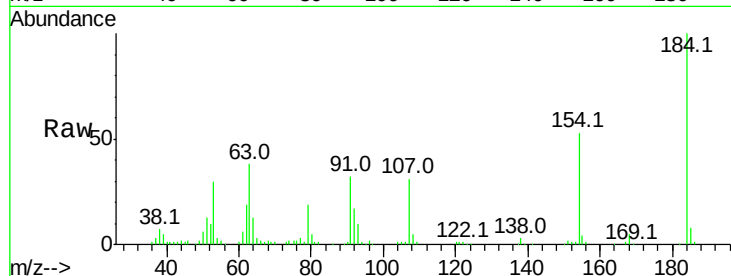




#53
 2,4-Dinitrophenol
 Concen: 74.67 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

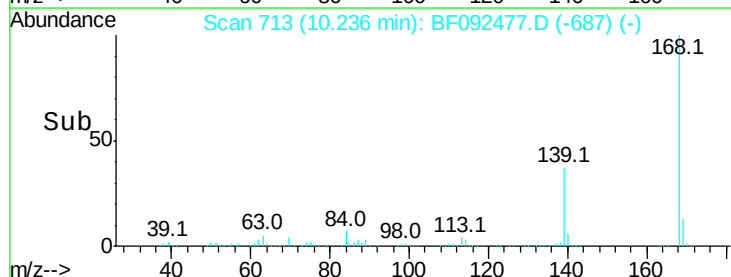
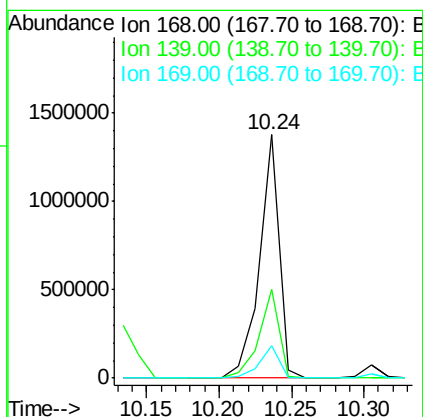
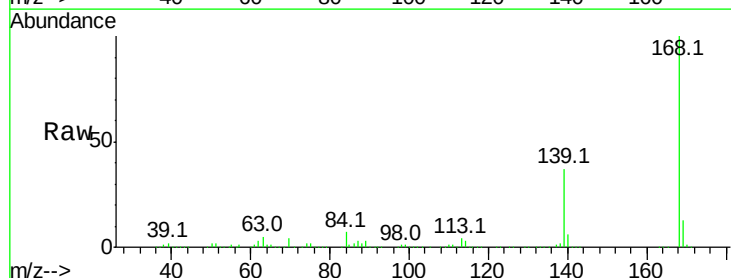
Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

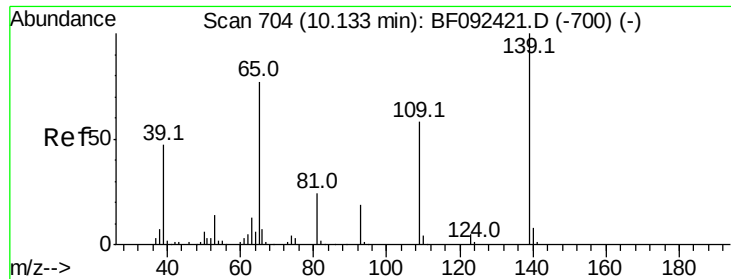
Tot Ion:184 Resp: 257339
 Ion Ratio Lower Upper
 184 100
 63 37.7 28.4 42.6
 154 53.2 44.3 66.5



#54
 Dibenzofuran
 Concen: 42.60 ng
 RT: 10.24 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:168 Resp: 1296427
 Ion Ratio Lower Upper
 168 100
 139 36.6 32.6 49.0
 169 13.4 11.3 16.9

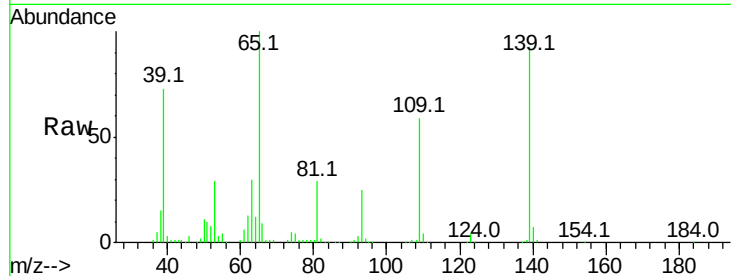




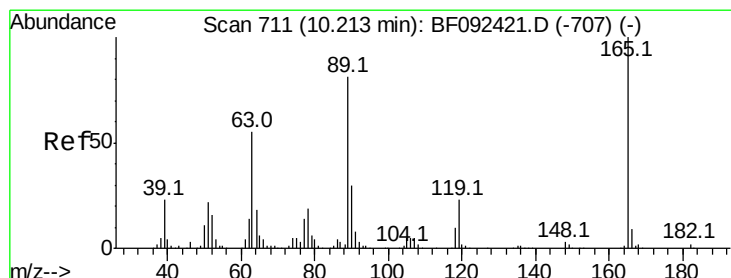
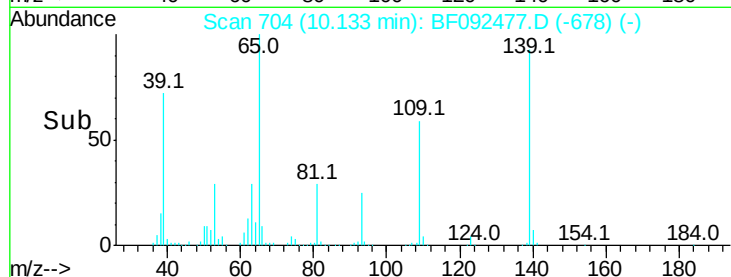
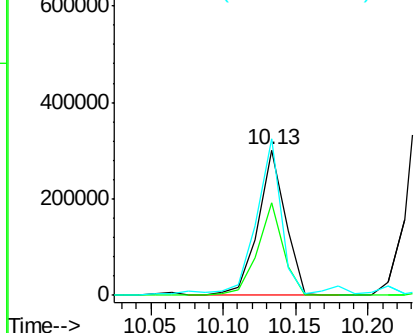
#55
4-Nitrophenol
Concen: 72.73 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
PB96241BS

Tot Ion:139 Resp: 391622
Ion Ratio Lower Upper
139 100
109 63.7 52.2 92.2
65 107.9 85.8 125.8

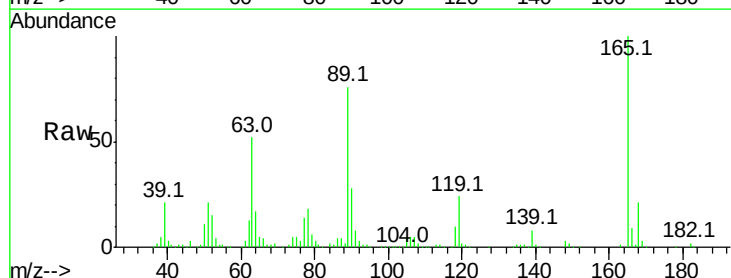


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

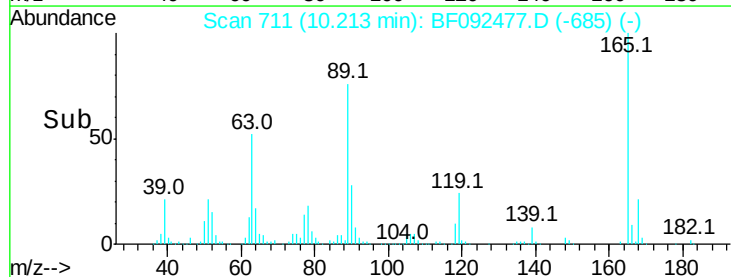
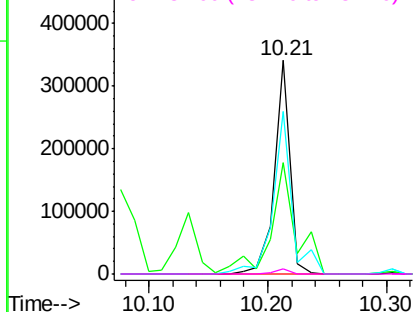


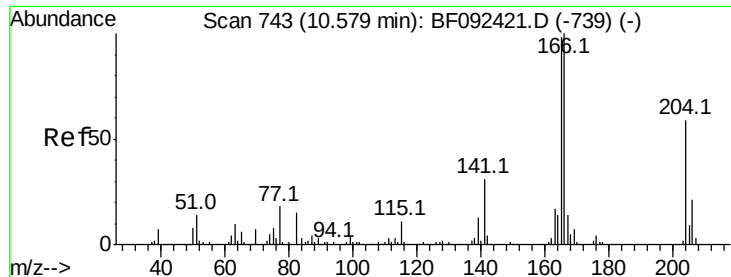
#56
2,4-Dinitrotoluene
Concen: 42.78 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:165 Resp: 307420
Ion Ratio Lower Upper
165 100
63 52.1 40.2 60.4
89 76.3 62.5 93.7
182 2.4 1.8 2.8



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

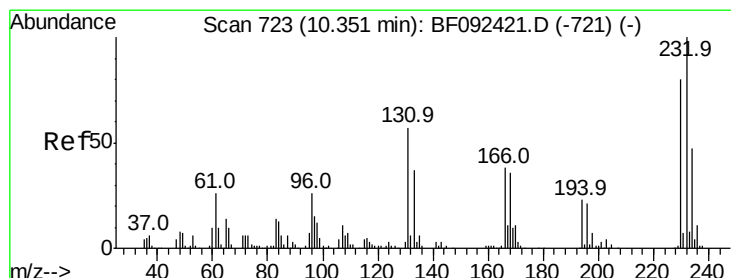
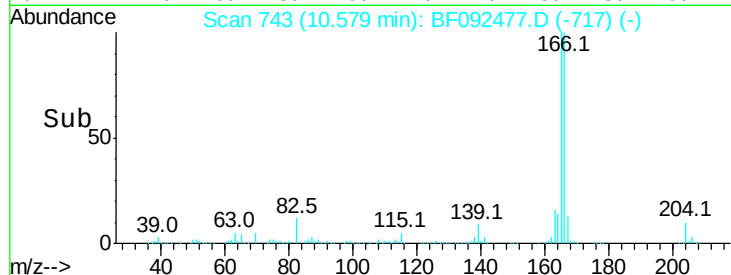
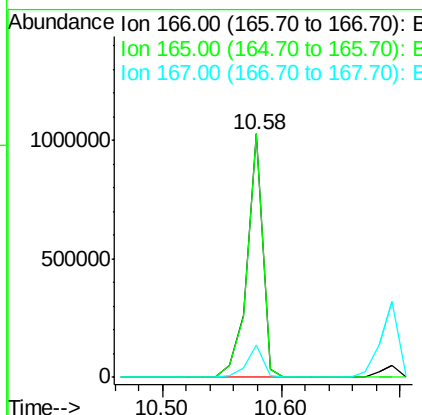
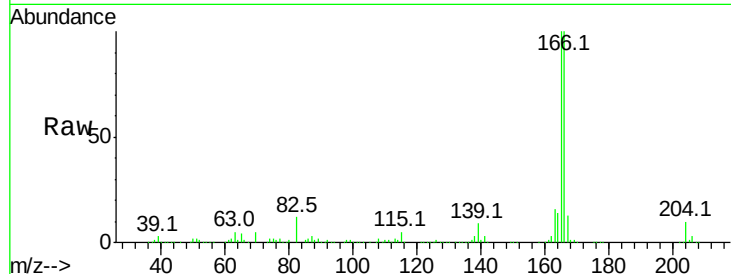




#57
Fluorene
 Concen: 41.99 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

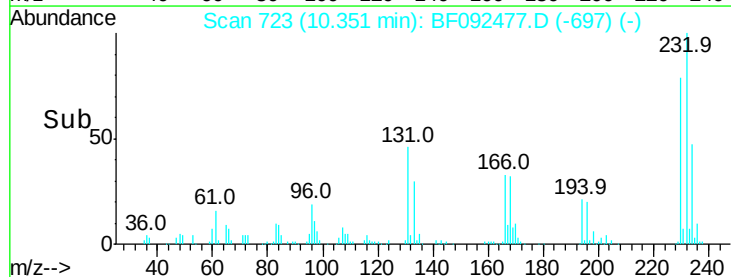
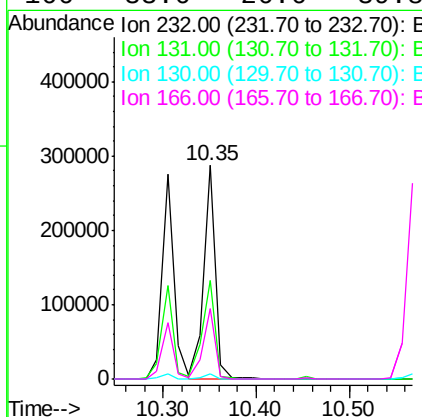
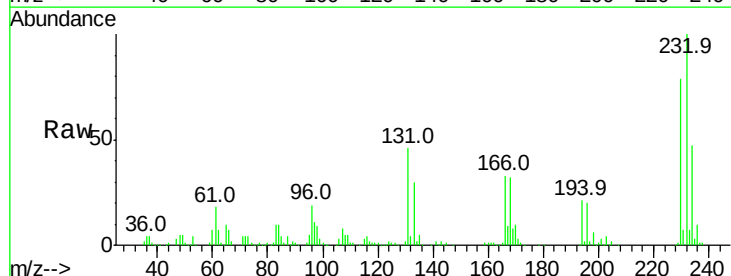
Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

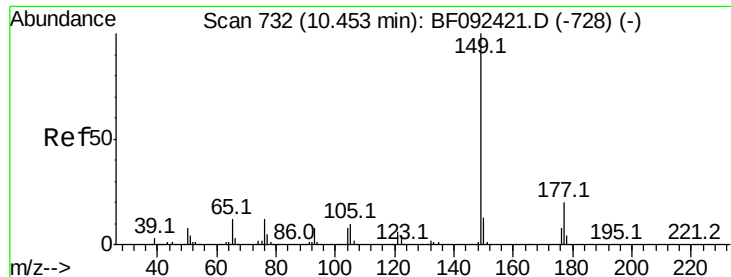
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.8
167	13.3	10.8	16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.25 ng
 RT: 10.35 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.4	40.1	60.1
130	2.4	1.8	2.8
166	33.6	26.6	39.8

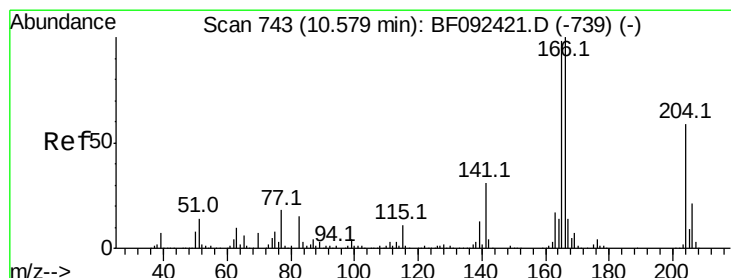
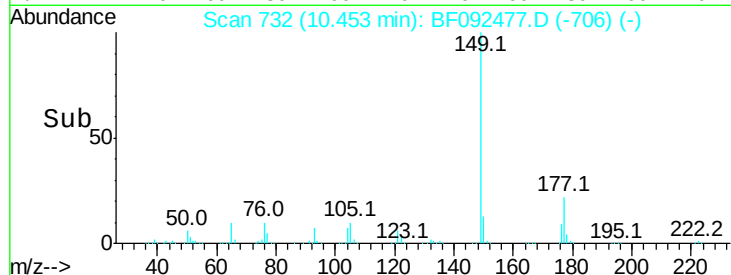
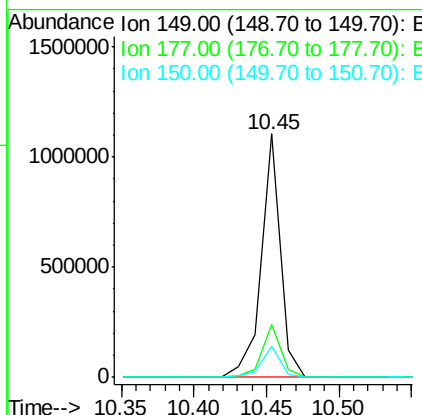
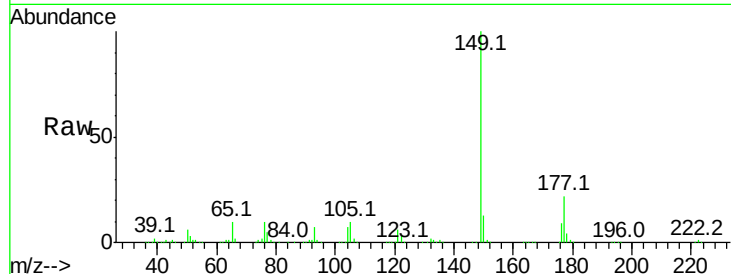




#59
 Diethylphthalate
 Concen: 39.79 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

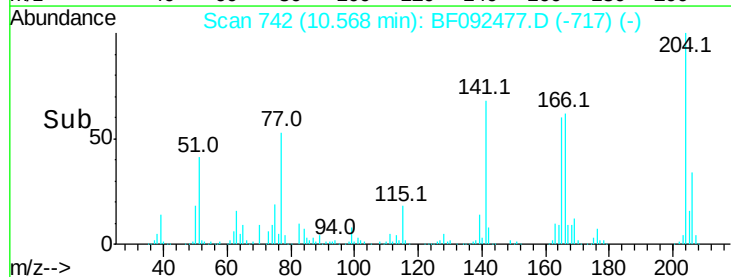
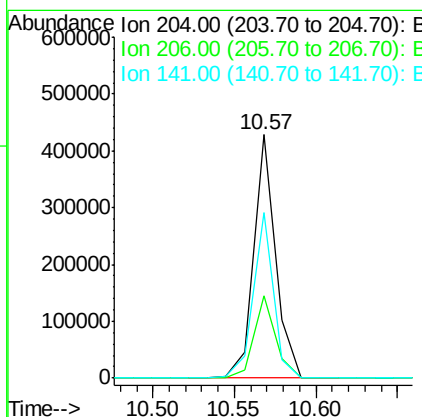
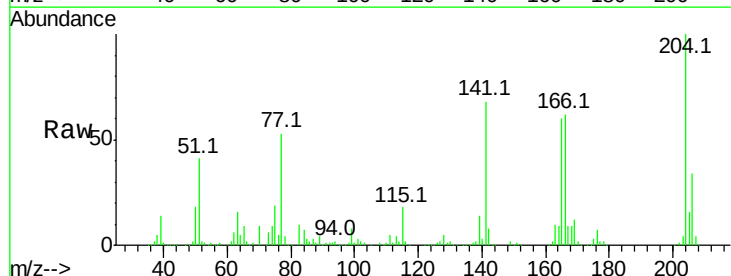
Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

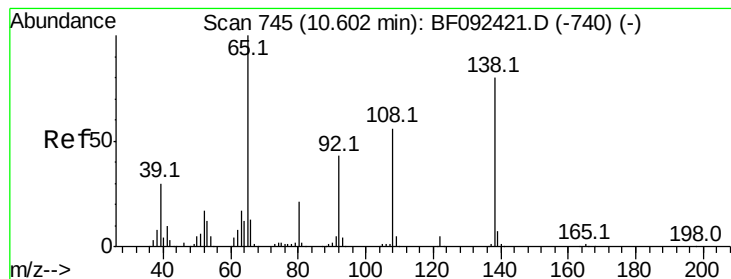
Tot Ion:149 Resp: 1010626
 Ion Ratio Lower Upper
 149 100
 177 21.8 16.6 25.0
 150 12.6 10.4 15.6



#60
 4-Chlorophenyl-phenylether
 Concen: 36.37 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:204 Resp: 398088
 Ion Ratio Lower Upper
 204 100
 206 34.0 25.8 38.6
 141 67.9 59.4 89.0





#61

4-Nitroaniline

Concen: 42.30 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

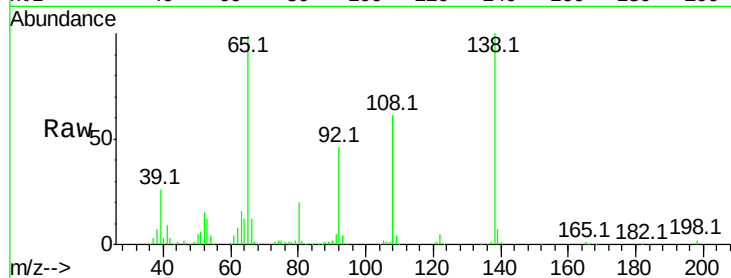
Tot Ion:138 Resp: 286842

Ion Ratio Lower Upper

138 100

92 46.2 31.7 71.7

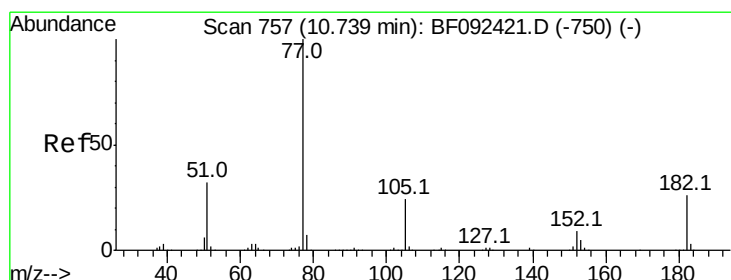
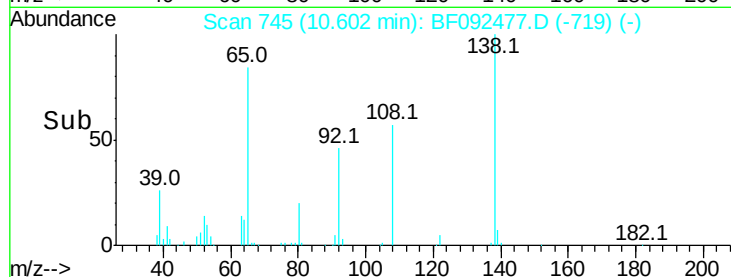
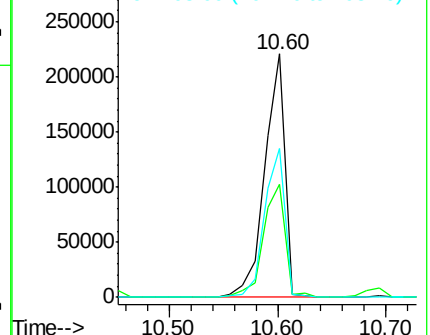
108 61.3 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.73 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Tgt Ion: 77 Resp: 1148403

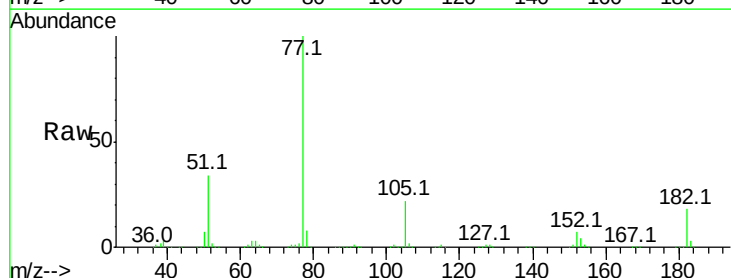
Ion Ratio Lower Upper

77 100

182 18.3 0.0 39.3

105 22.2 2.3 42.3

51 33.9 8.9 48.9

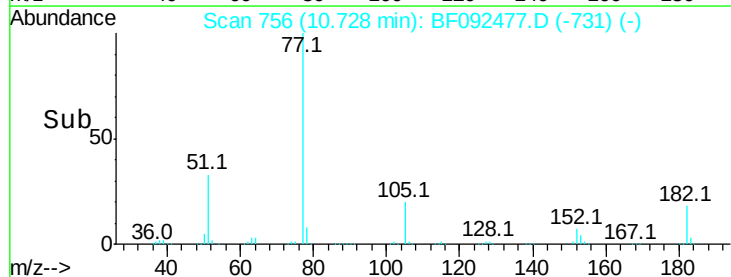
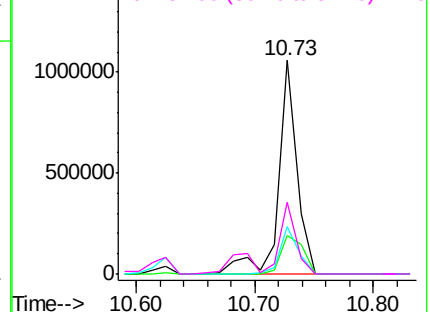


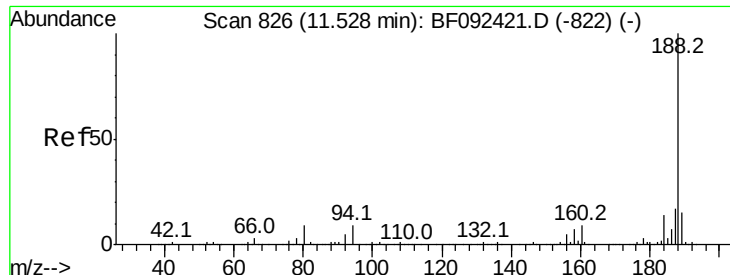
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

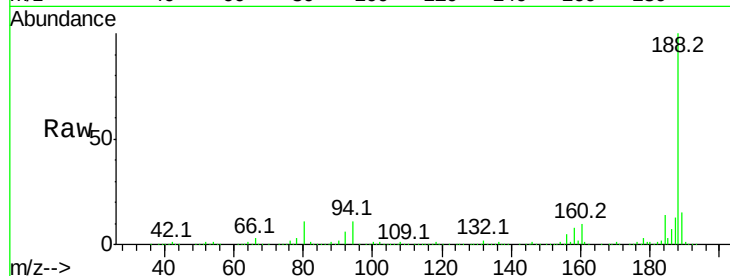




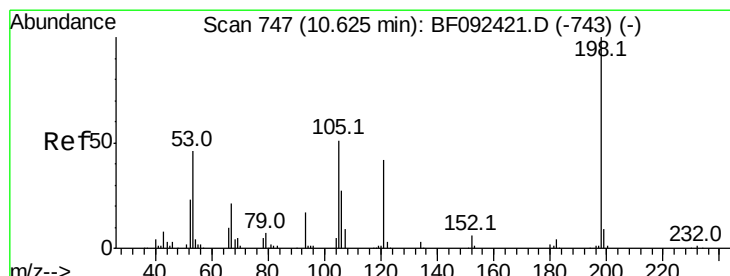
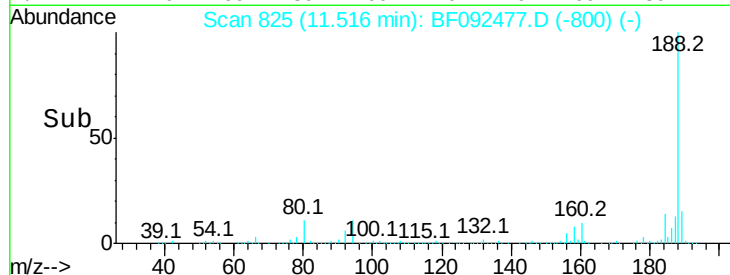
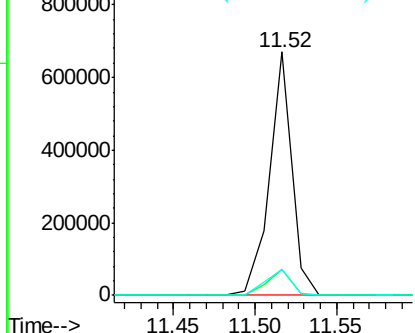
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
PB96241BS

Tot Ion:188 Resp: 640511
Ion Ratio Lower Upper
188 100
94 10.7 10.0 15.0
80 10.9 11.2 16.8#

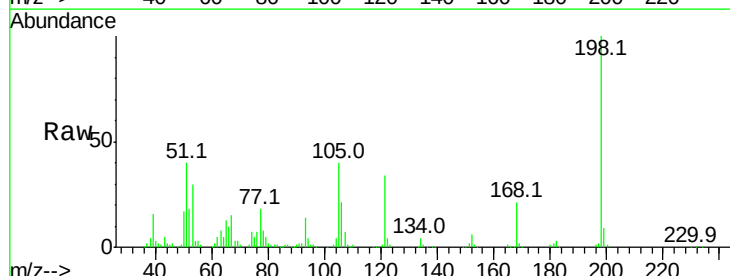


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

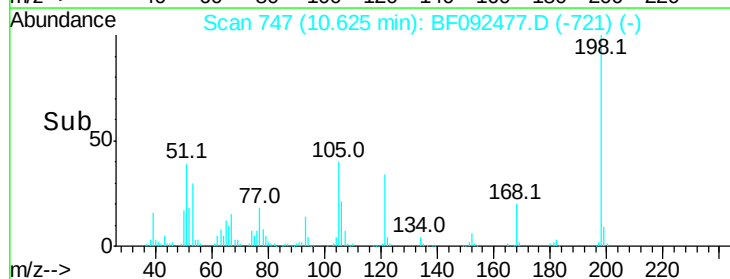
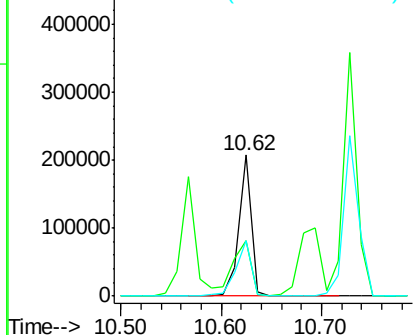


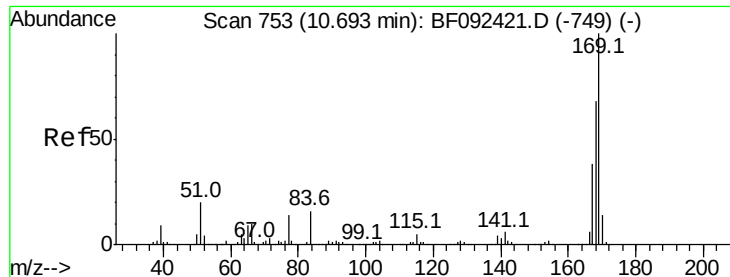
#64
4,6-Dinitro-2-methylphenol
Concen: 51.94 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:198 Resp: 180847
Ion Ratio Lower Upper
198 100
51 39.6 6.7 46.7
105 39.7 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 44.44 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampled :

PB96241BS

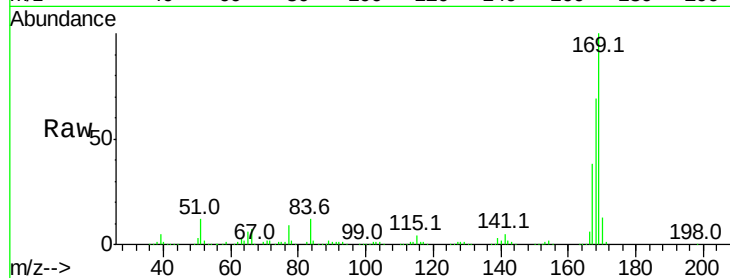
Tot Ion:169 Resp: 888836

Ion Ratio Lower Upper

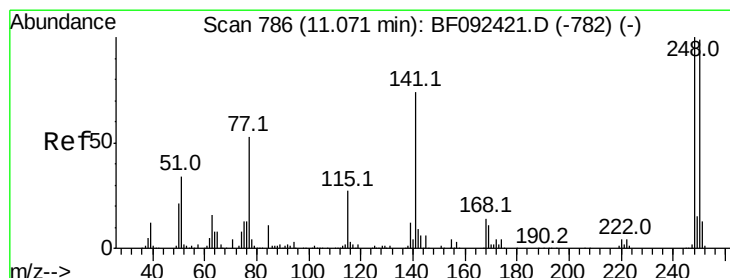
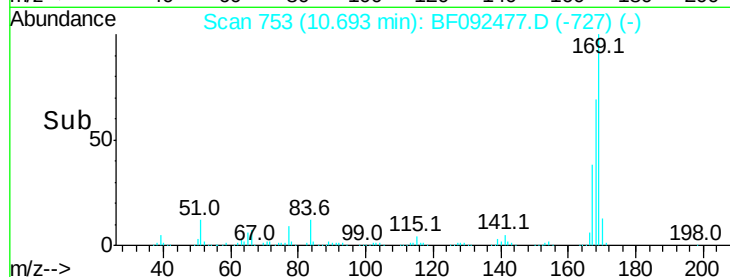
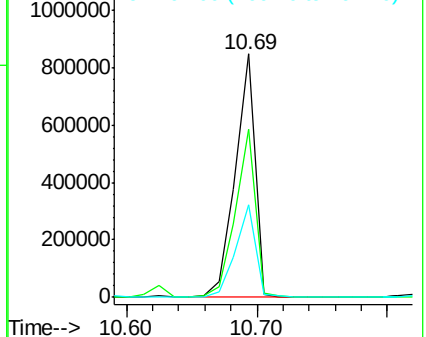
169 100

168 68.8 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: 39.48 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

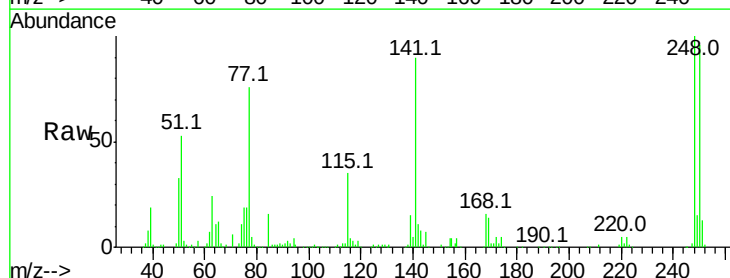
Tgt Ion:248 Resp: 255305

Ion Ratio Lower Upper

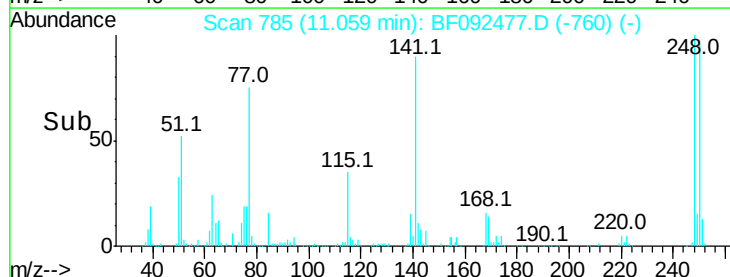
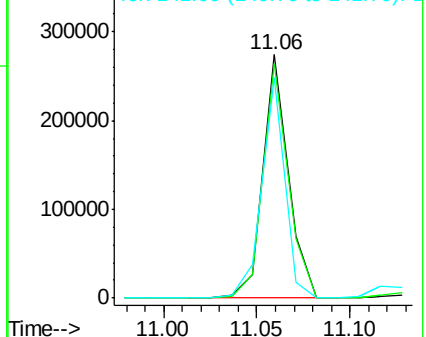
248 100

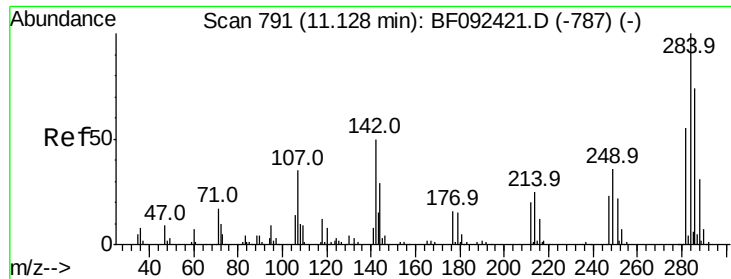
250 96.5 76.9 115.3

141 90.5 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: 41.54 ng

RT: 11.13 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

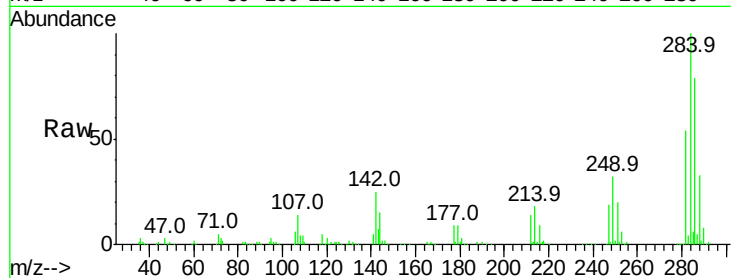
Tot Ion:284 Resp: 271565

Ion Ratio Lower Upper

284 100

142 25.0 22.6 33.8

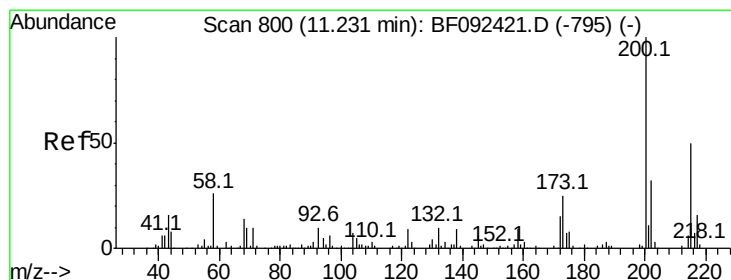
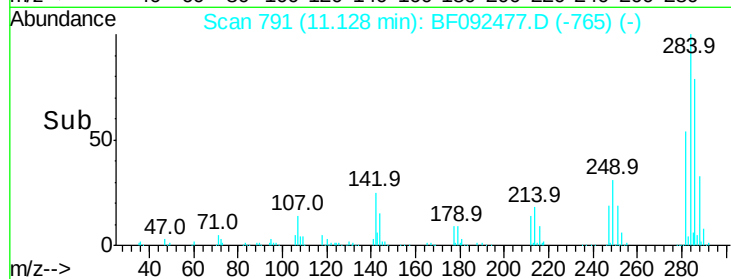
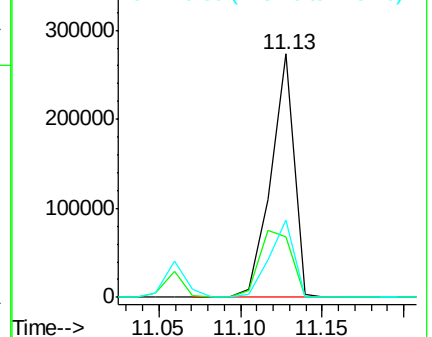
249 31.6 25.4 38.0



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: 40.25 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

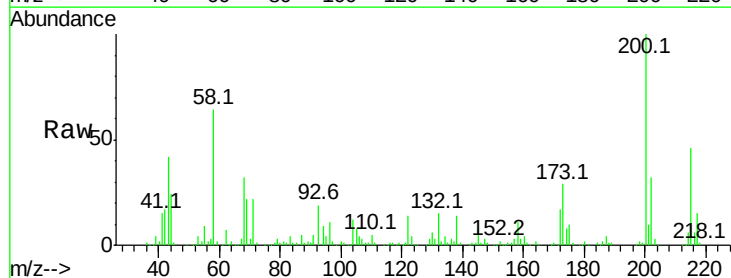
Tgt Ion:200 Resp: 275594

Ion Ratio Lower Upper

200 100

173 28.9 9.6 49.6

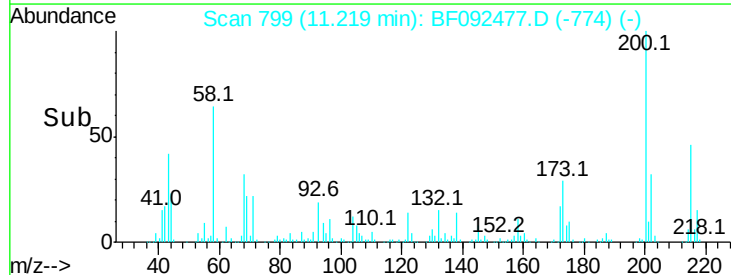
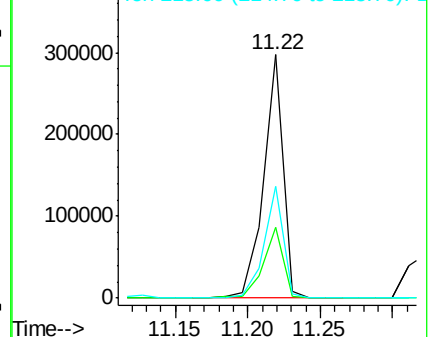
215 46.1 25.7 65.7

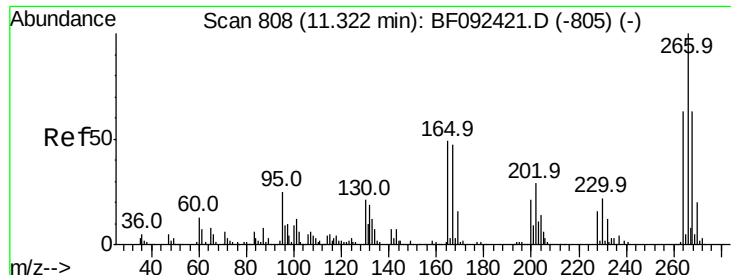


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

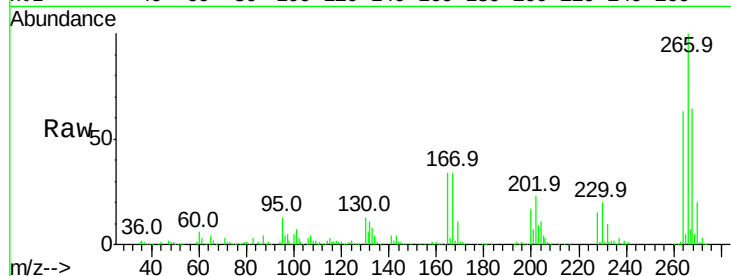




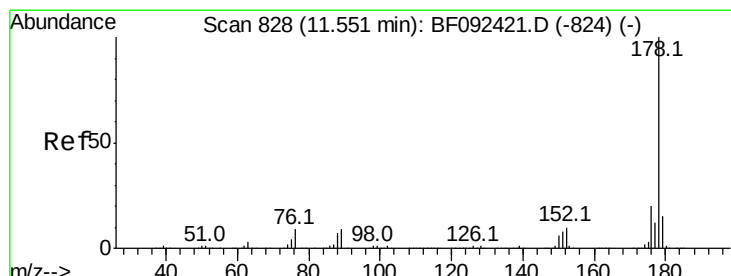
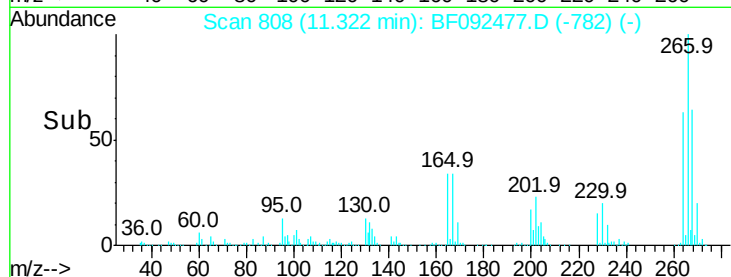
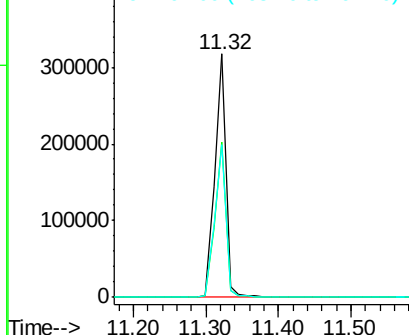
#69
 Pentachlorophenol
 Concen: 80.87 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	53.3	79.9
264	62.5	50.3	75.5

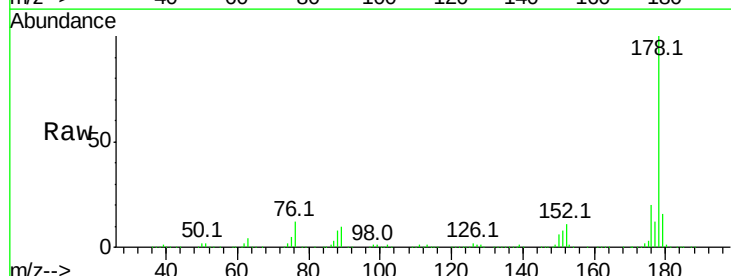


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

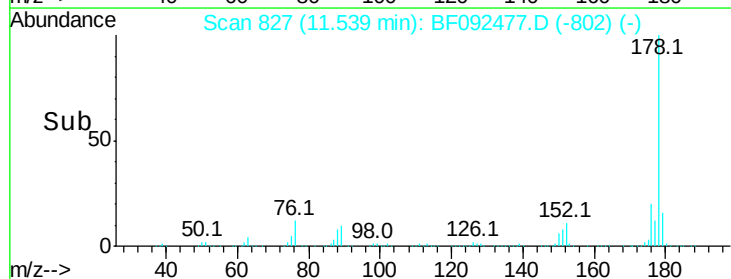
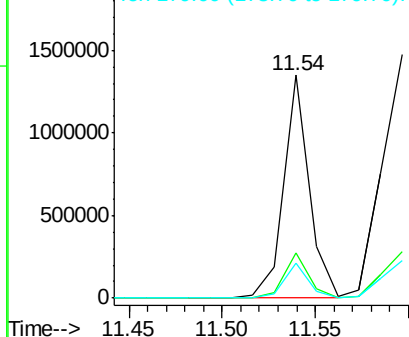


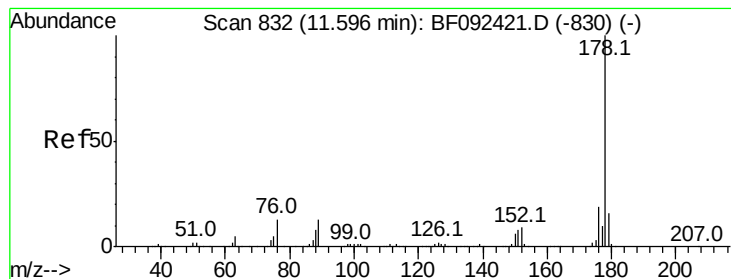
#70
 Phenanthrene
 Concen: 36.43 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	15.9	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: 45.79 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

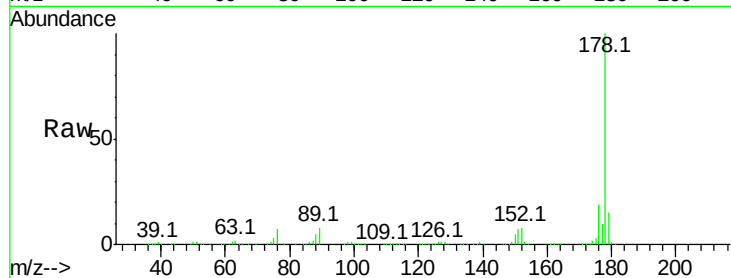
Tot Ion:178 Resp: 1578431

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

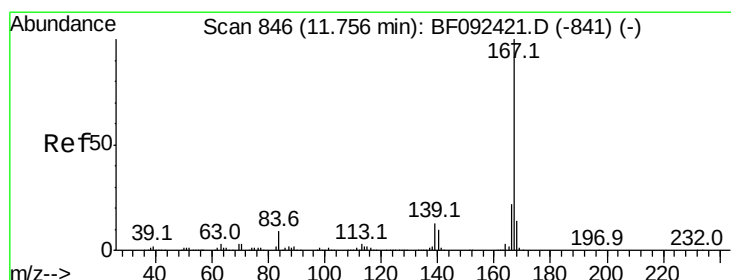
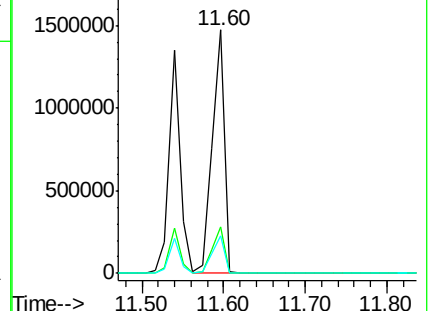
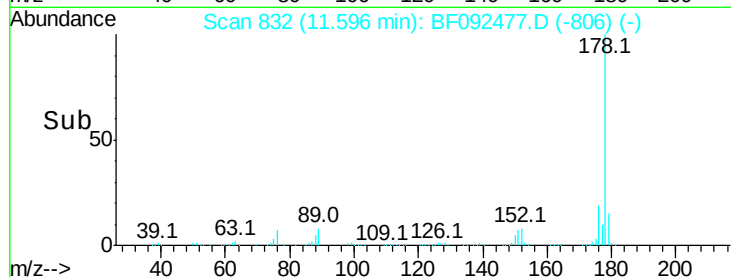
179 15.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.72 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

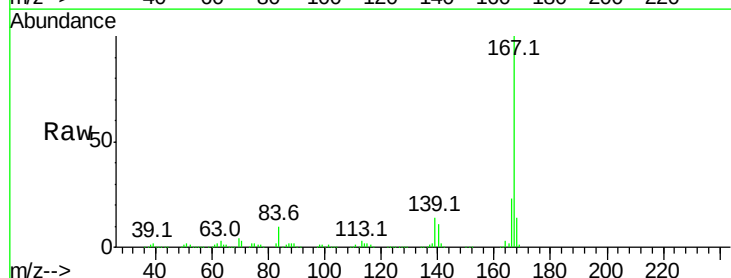
Tgt Ion:167 Resp: 1274458

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

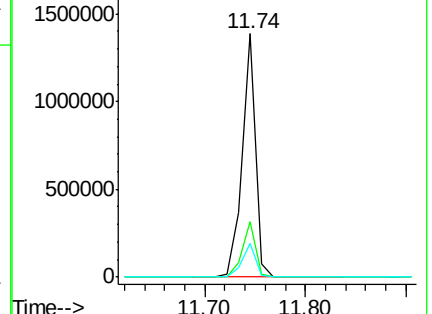
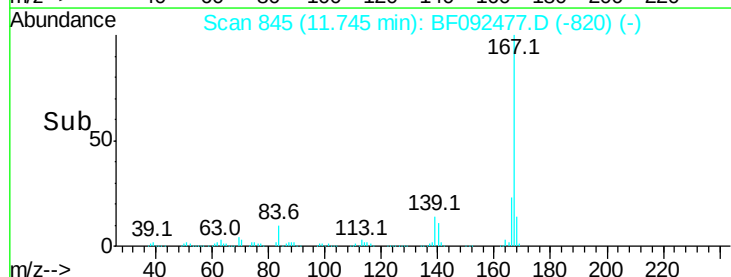
139 14.0 11.4 17.2

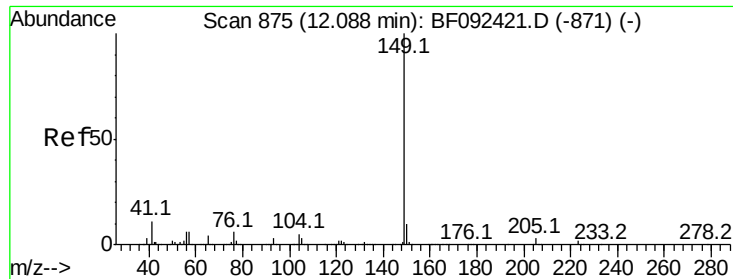


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.81 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

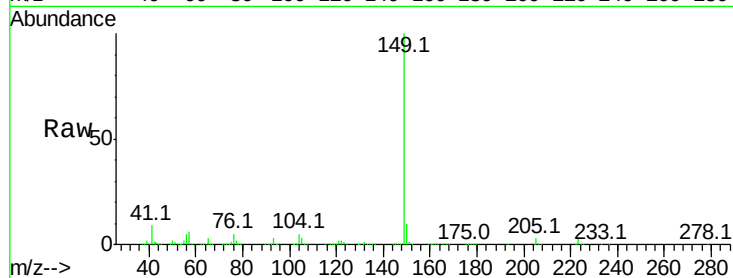
Tot Ion:149 Resp: 1498127

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

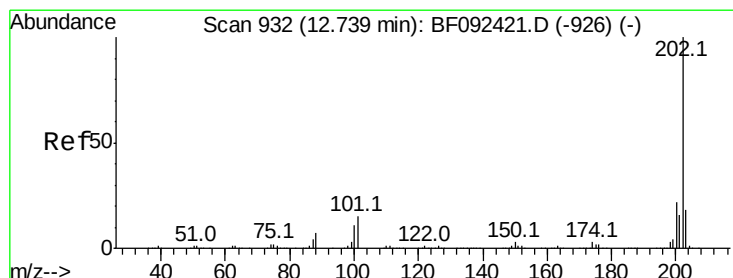
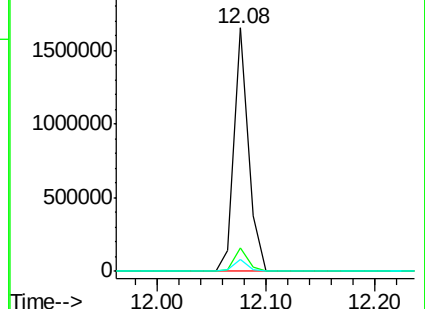
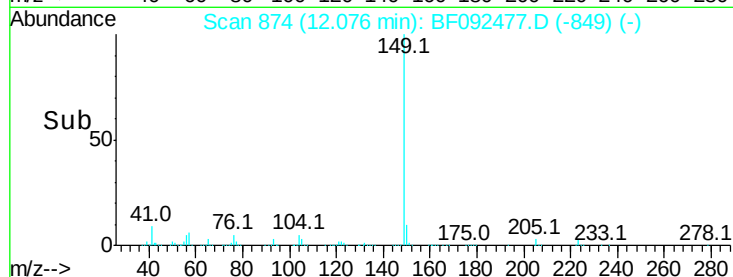
104 4.8 4.6 7.0



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: 39.79 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

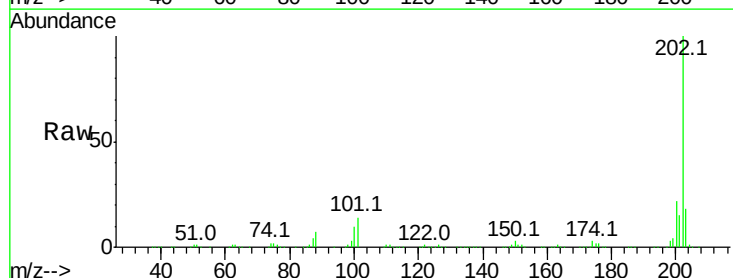
Tgt Ion:202 Resp: 1372935

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.6

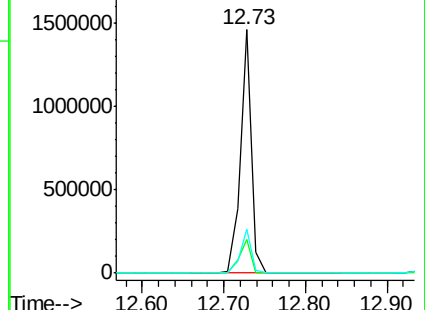
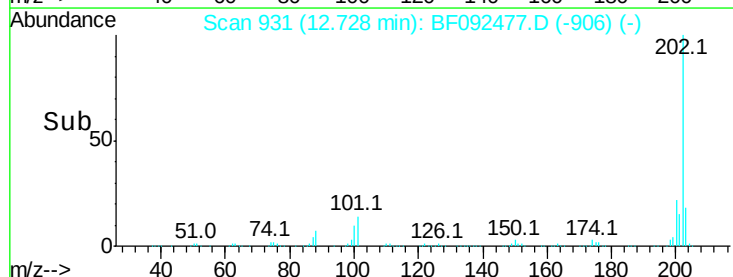
203 18.0 0.0 38.7

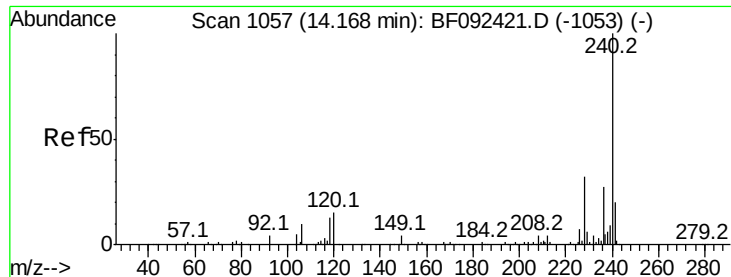


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

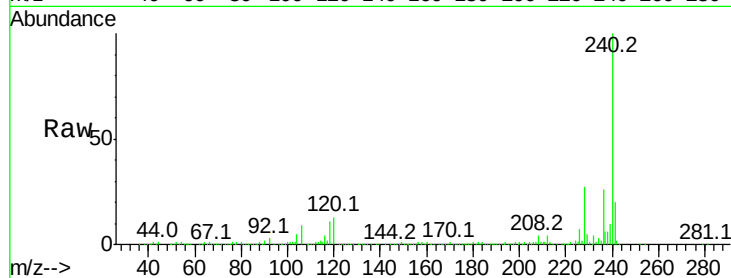
Tot Ion:240 Resp: 526894

Ion Ratio Lower Upper

240 100

120 12.9 12.9 19.3#

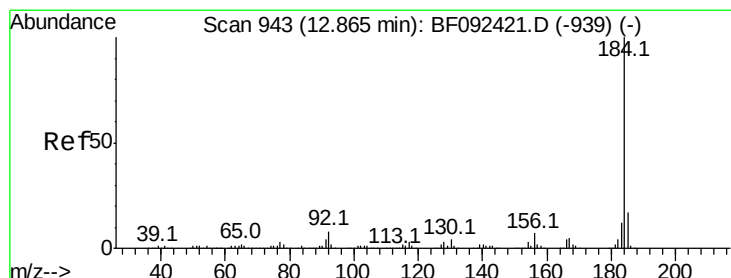
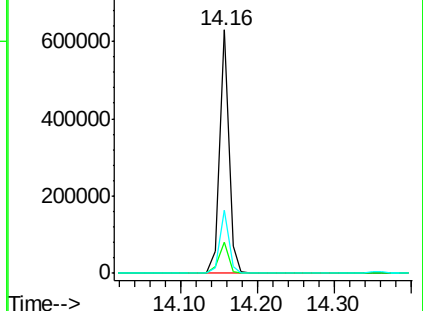
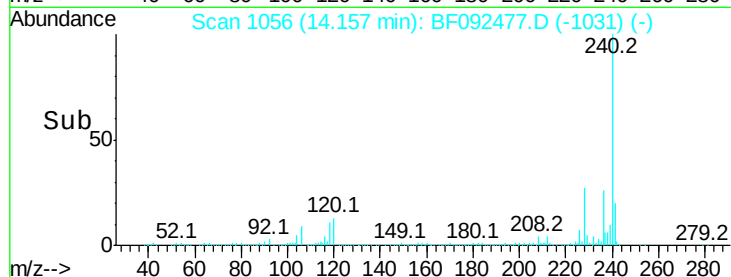
236 26.2 20.9 31.3



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: 25.77 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

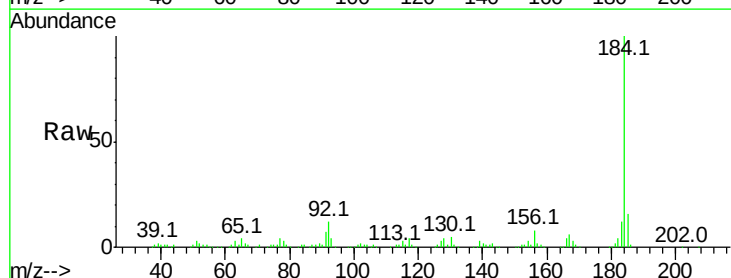
Tgt Ion:184 Resp: 504088

Ion Ratio Lower Upper

184 100

185 16.3 13.4 20.0

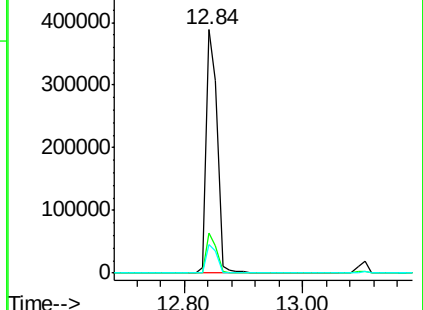
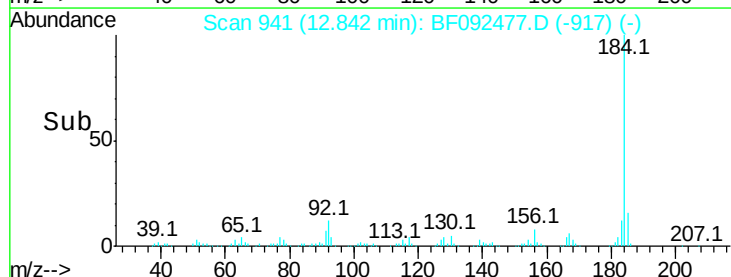
183 11.8 9.2 13.8

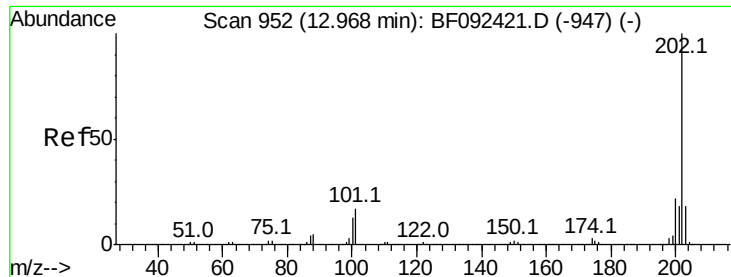


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



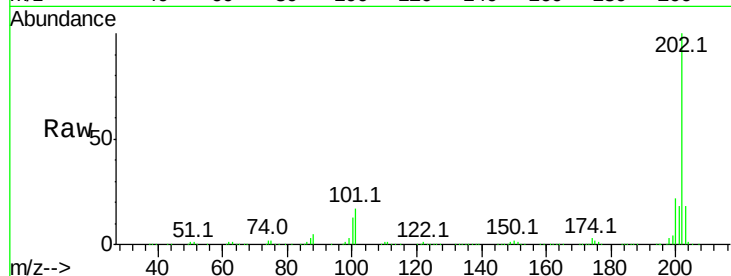


#77
Pvrene
Concen: 36.12 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

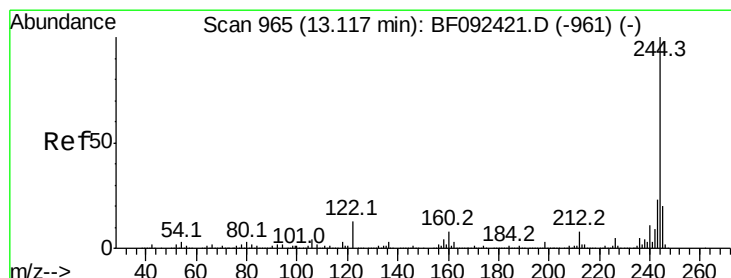
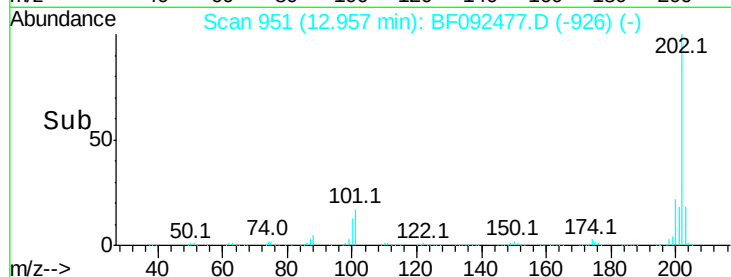
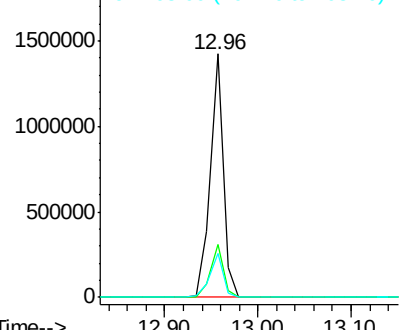
Instrument :
BNA_F
ClientSampleId :
PB96241BS

Tot Ion:202 Resp: 1379018

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.8	14.7	22.1



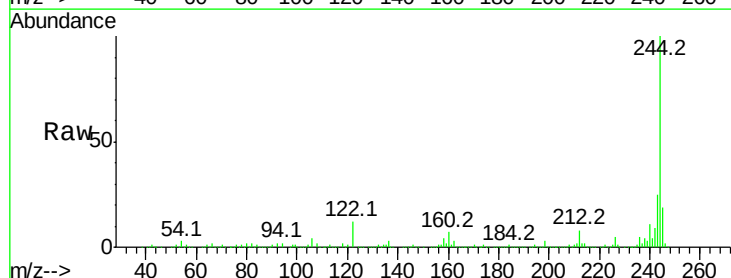
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



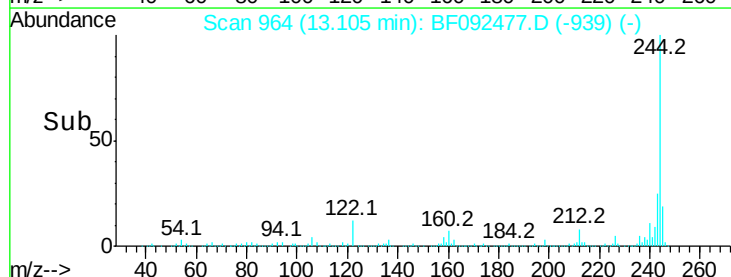
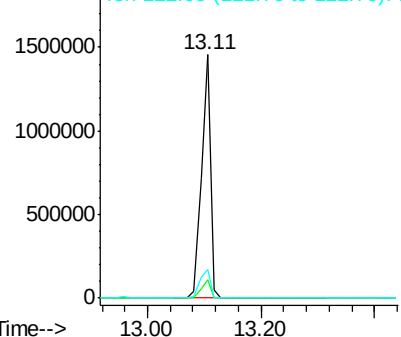
#78
Terphenyl-d14
Concen: 78.85 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

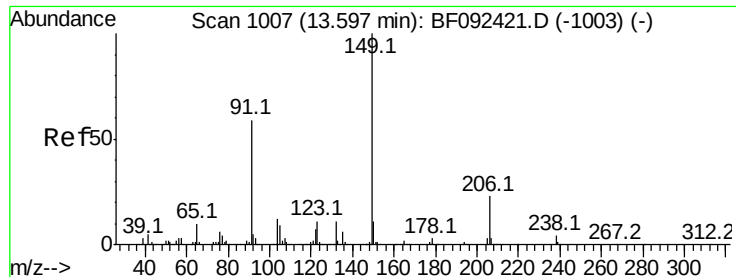
Tgt Ion:244 Resp: 1560098

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.6	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: 42.69 ng

RT: 13.57 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

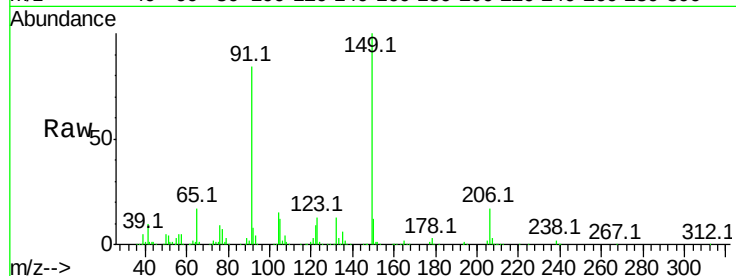
Tot Ion:149 Resp: 660244

Ion Ratio Lower Upper

149 100

91 83.9 63.9 95.9

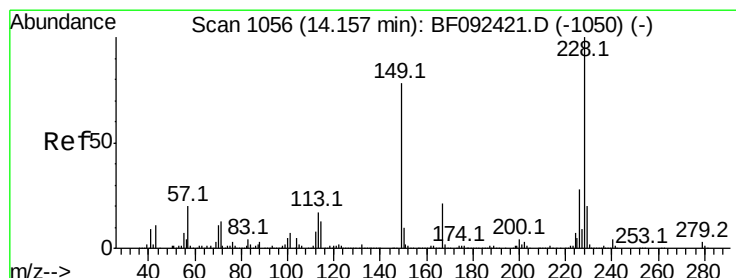
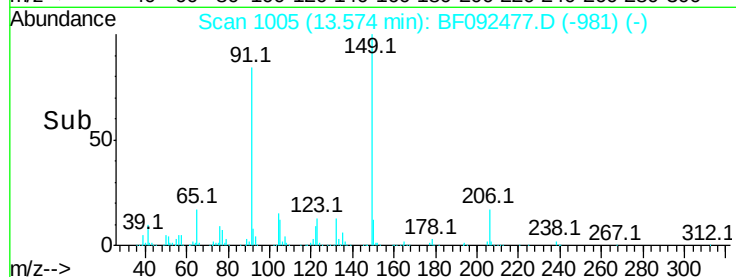
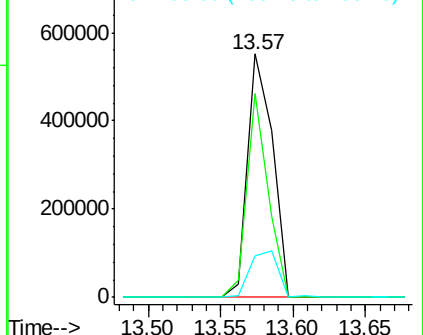
206 16.8 14.6 21.8



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: 40.76 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

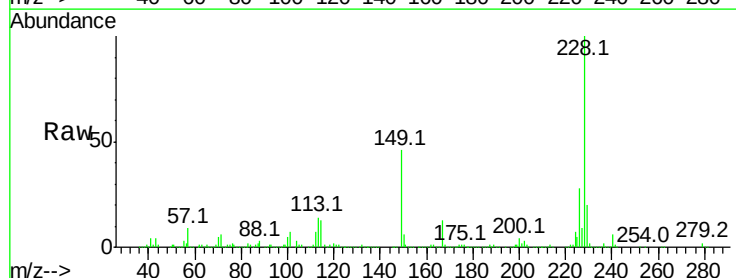
Tgt Ion:228 Resp: 1154271

Ion Ratio Lower Upper

228 100

226 28.1 22.4 33.6

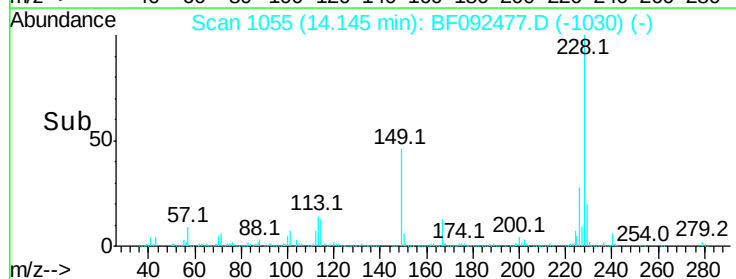
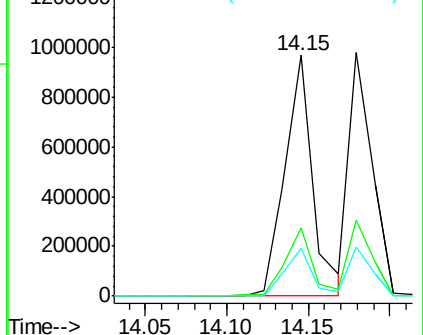
229 19.8 16.2 24.4

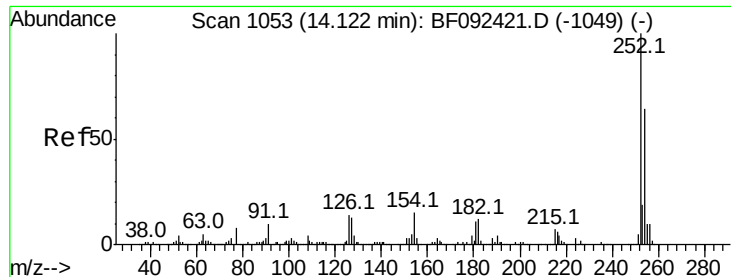


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

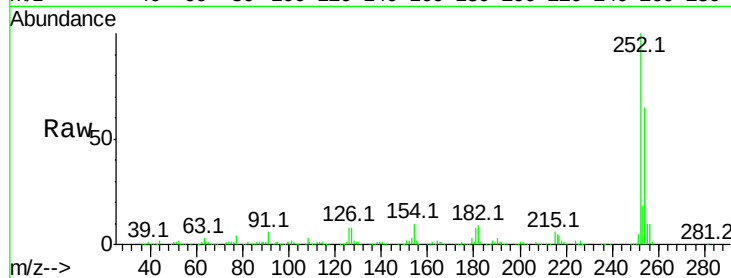




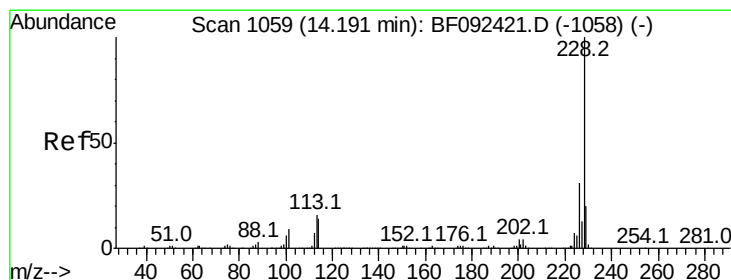
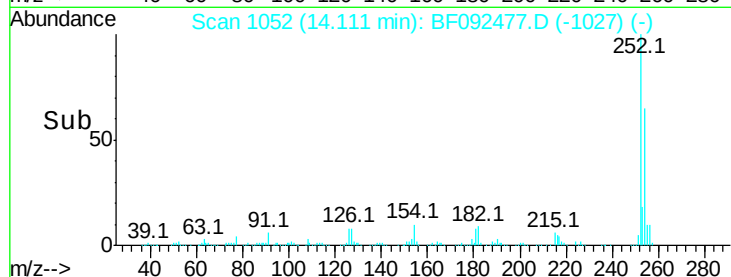
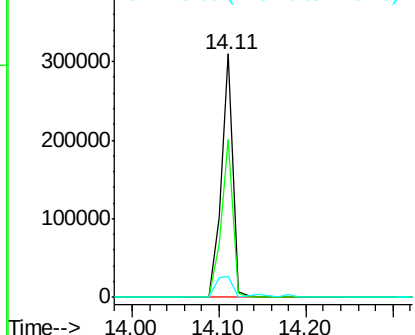
#81
 3,3'-Dichlorobenzidine
 Concen: 27.12 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

Tot Ion:252 Resp: 291566
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.3 78.5
 126 8.5 13.6 20.4#

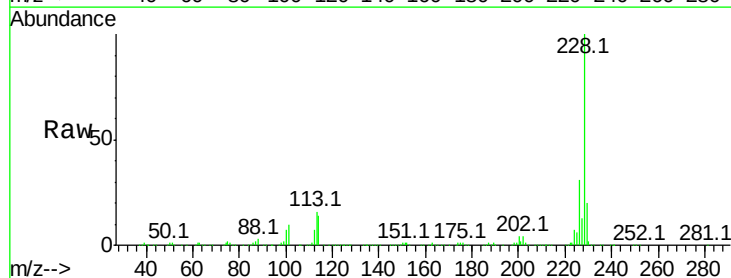


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

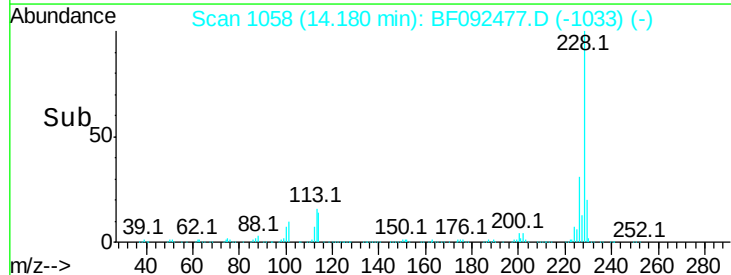
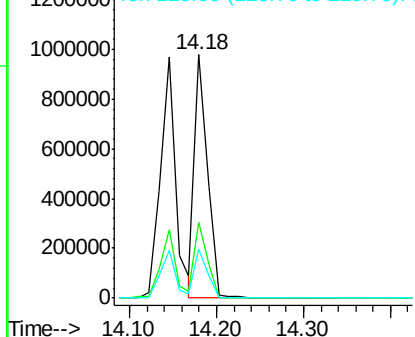


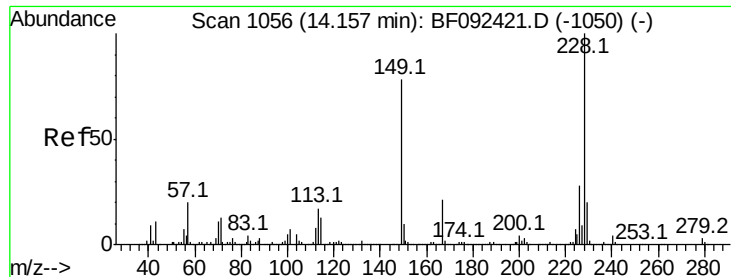
#82
 Chrysene
 Concen: 33.06 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:228 Resp: 999927
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 20.1 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

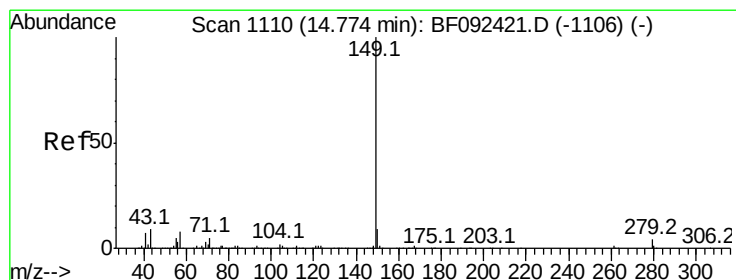
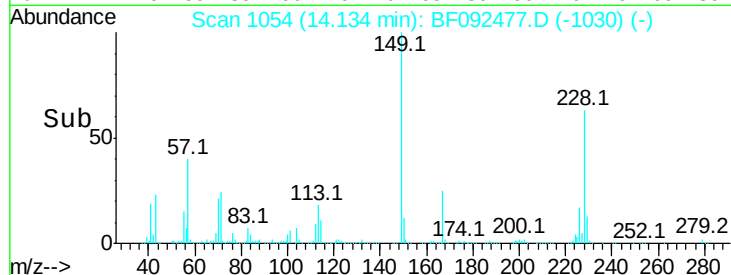
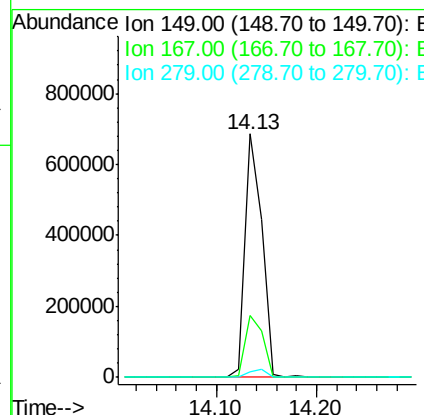
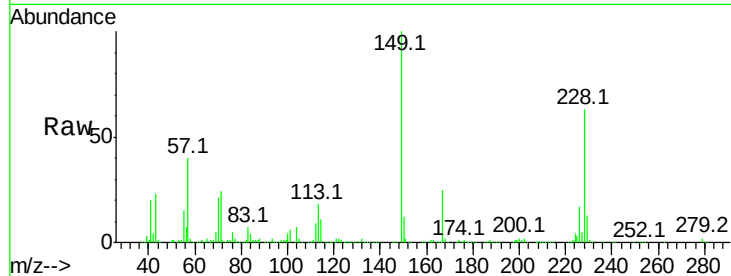




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.30 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

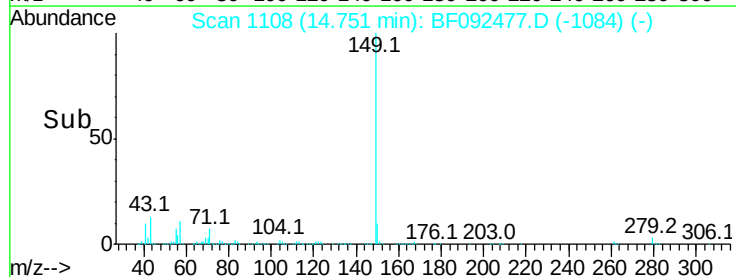
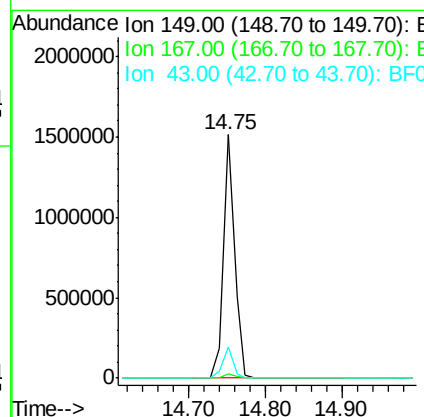
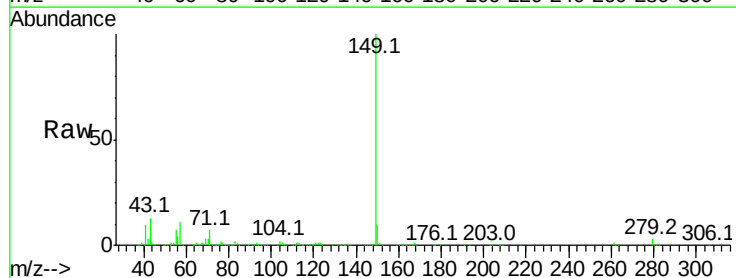
Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

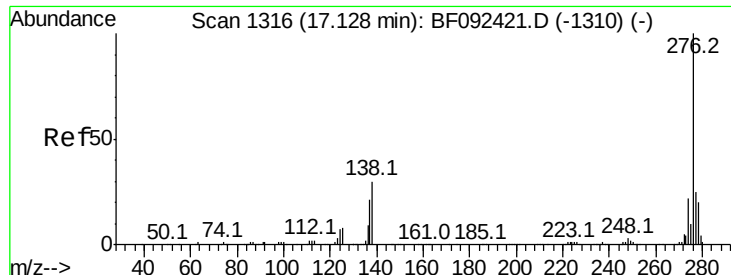
Tot Ion:149 Resp: 804368
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.2 30.4
 279 2.0 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 43.53 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:149 Resp: 1539424
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.1 8.9 13.3

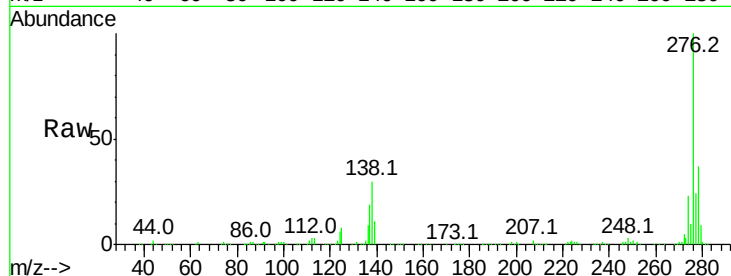




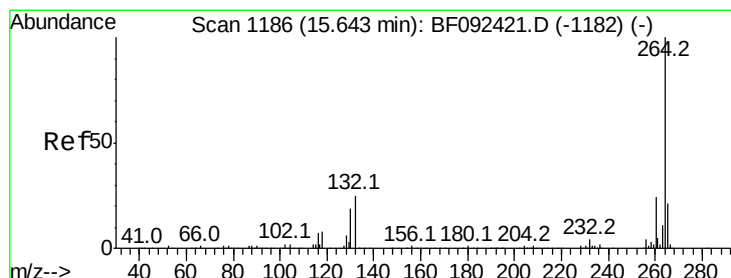
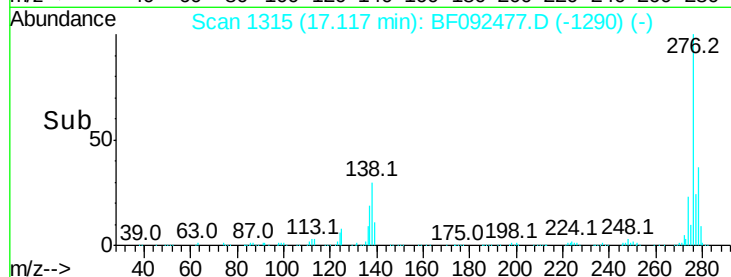
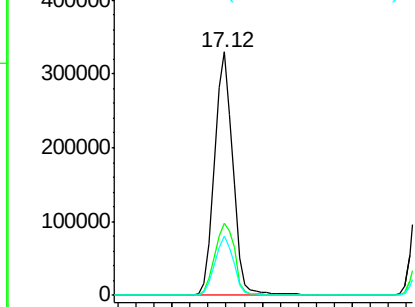
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.12 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
PB96241BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.3	21.8	32.6
277	25.0	20.2	30.4

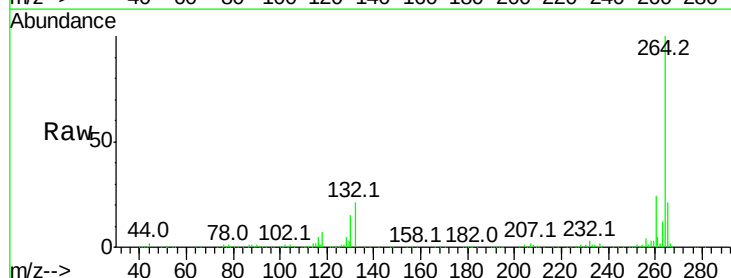


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

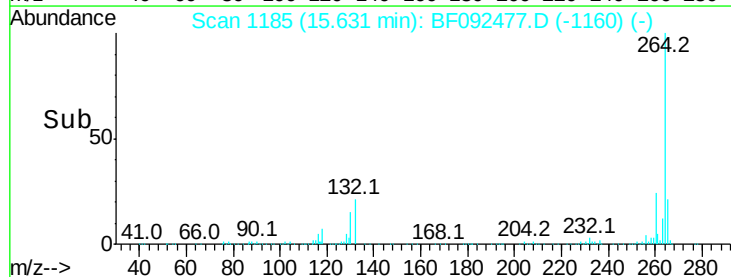
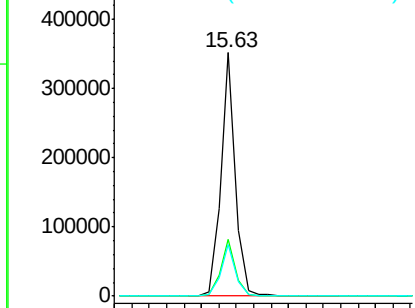


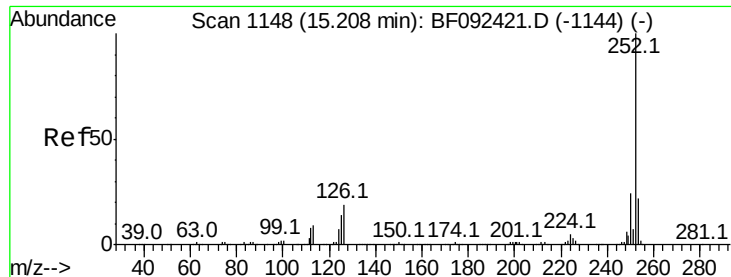
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.29 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampled :

PB96241BS

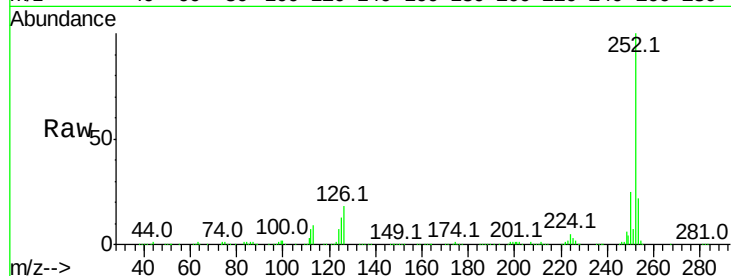
Tot Ion:252 Resp: 1272966

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

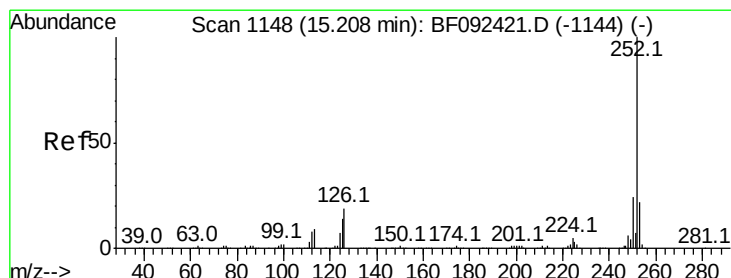
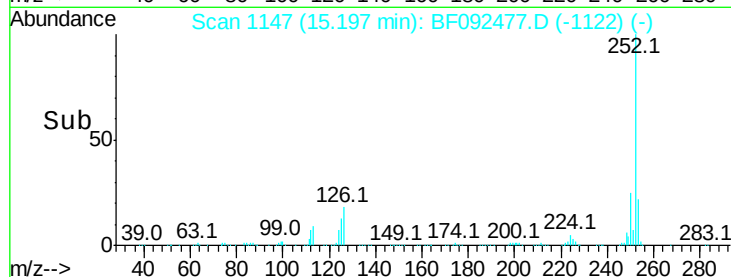
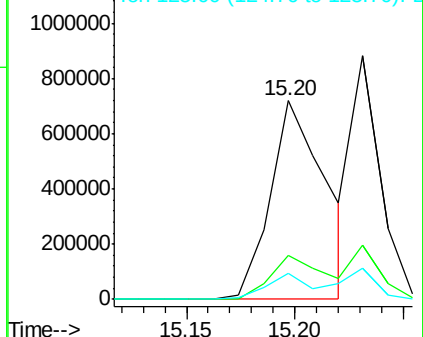
125 13.4 9.8 14.6



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: 36.99 ng m

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

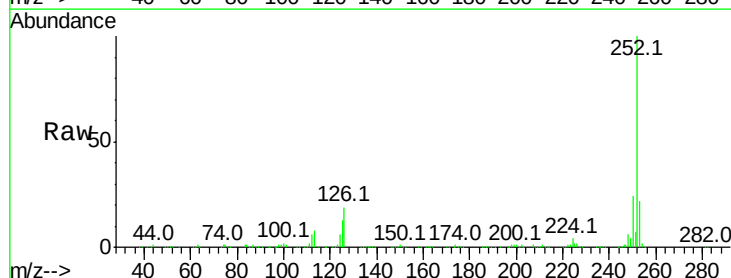
Tgt Ion:252 Resp: 810812

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

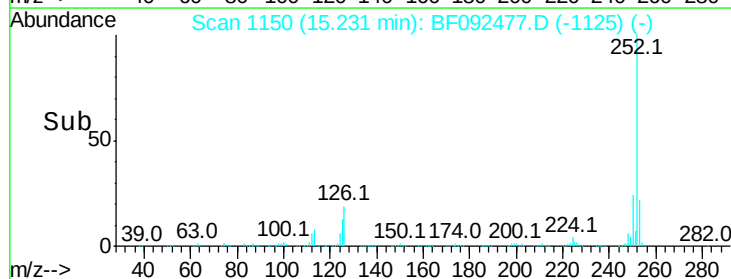
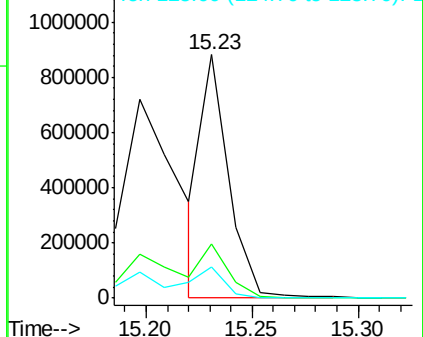
125 13.0 8.9 13.3

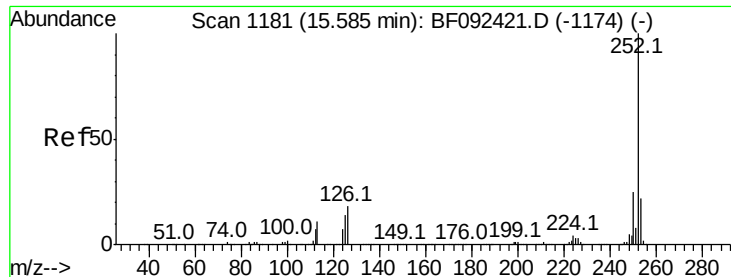


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.70 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

PB96241BS

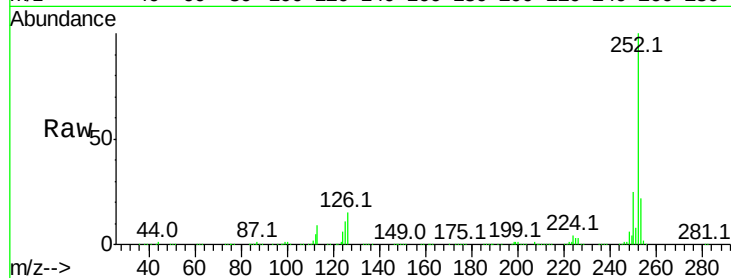
Tot Ion:252 Resp: 996770

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

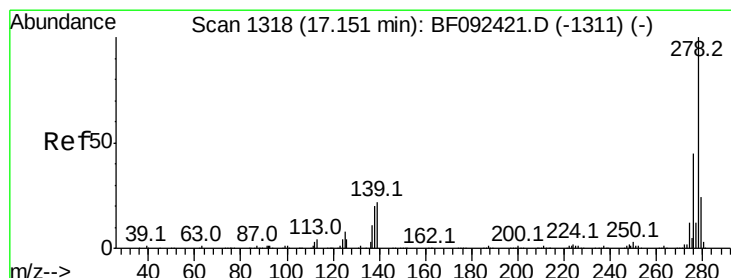
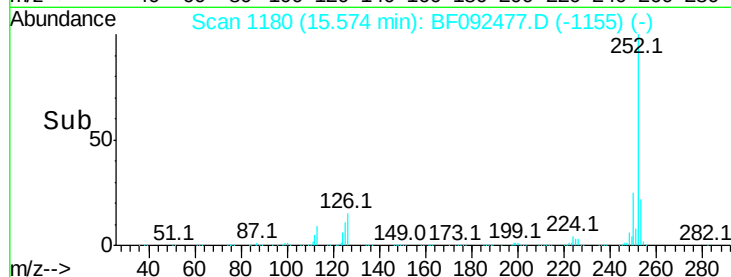
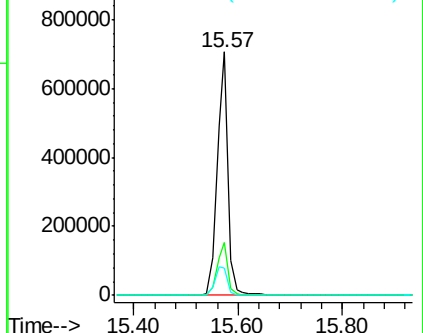
125 11.0 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.61 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

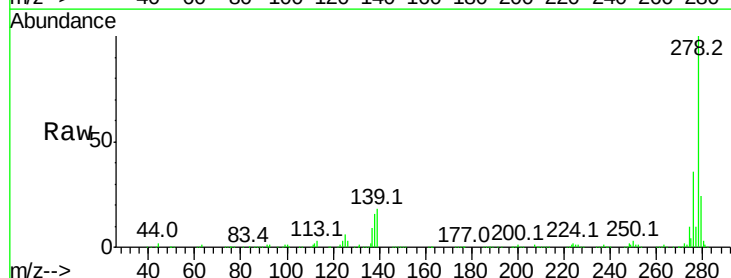
Tgt Ion:278 Resp: 786347

Ion Ratio Lower Upper

278 100

139 18.4 14.8 22.2

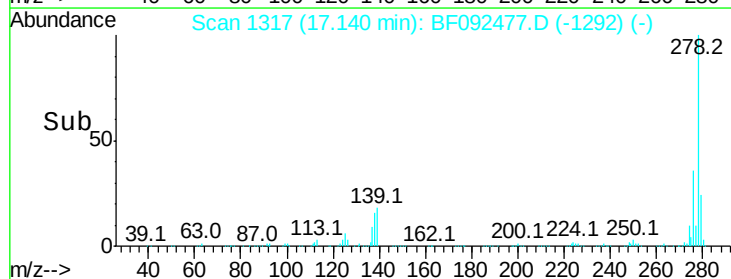
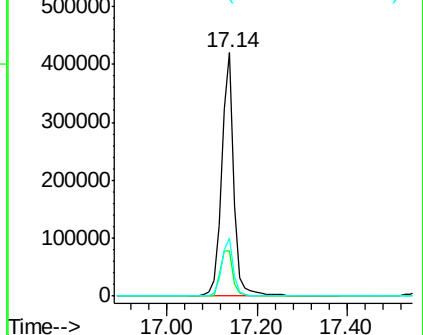
279 24.1 19.8 29.6

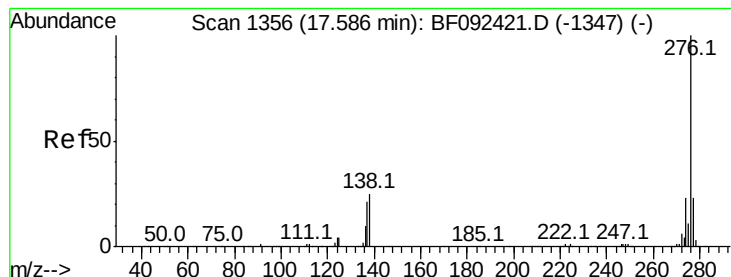


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

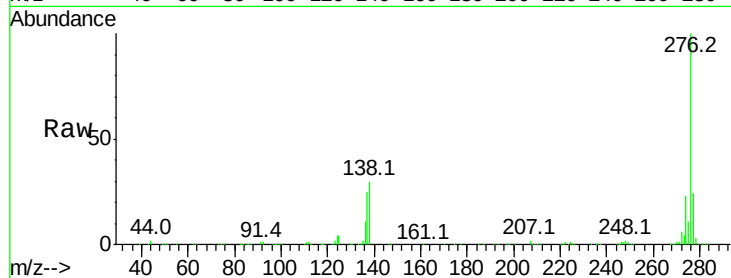




#91
 Benzo(a,h,i)perylene
 Concen: 42.57 ng
 RT: 17.56 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BS

Tot Ion:276 Resp: 776442
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.2 28.8
 138 29.8 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

