

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092468.D
 Acq On : 25 Jan 2017 11:26
 Operator : SJ/MA
 Sample : PB96207BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96207BS

Quant Time: Jan 26 14:04:54 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	170921	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	701427	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	389926	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	648499	20.00	ng	0.00
75) Chrysene-d12	14.16	240	477103	20.00	ng	-0.01
86) Perylene-d12	15.63	264	447063	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1271574	115.75	ng	0.02
7) Phenol-d6	6.60	99	1872199	133.79	ng	0.01
23) Nitrobenzene-d5	7.54	82	1152911	89.79	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	393002	147.90	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1886590	89.47	ng	-0.01
78) Terphenyl-d14	13.12	244	1794860	100.18	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	220919	37.81	ng	# 83
3) Pyridine	3.47	79	637446	38.32	ng	88
4) n-Nitrosodimethylamine	3.42	42	338514	41.48	ng	87
6) Aniline	6.62	93	527156	25.26	ng	# 47
8) 2-Chlorophenol	6.75	128	494568	42.86	ng	89
9) Benzaldehyde	6.51	77	340724	34.31	ng	90
10) Phenol	6.61	94	732944	43.40	ng	# 67
11) bis(2-Chloroethyl)ether	6.70	93	532602	42.15	ng	92
12) 1,3-Dichlorobenzene	6.91	146	590759m	43.29	ng	
13) 1,4-Dichlorobenzene	6.99	146	598605	43.58	ng	93
14) 1,2-Dichlorobenzene	7.14	146	529894	40.67	ng	98
15) Benzyl Alcohol	7.12	79	520744	49.38	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1029136	41.17	ng	92
17) 2-Methylphenol	7.22	107	466742	47.34	ng	96
18) Hexachloroethane	7.48	117	204156	43.15	ng	# 88
19) n-Nitroso-di-n-propylamine	7.39	70	394806	41.43	ng	94
20) 3+4-Methylphenols	7.38	107	561152	46.91	ng	96
22) Acetophenone	7.38	105	753038	45.08	ng	# 83
24) Nitrobenzene	7.55	77	610473	45.38	ng	99
25) Isophorone	7.80	82	1130118	44.66	ng	97
26) 2-Nitrophenol	7.87	139	277325	49.20	ng	93
27) 2,4-Dimethylphenol	7.92	122	543420	46.35	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	673238	40.53	ng	98
29) 2,4-Dichlorophenol	8.12	162	477107	46.94	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	465891	42.41	ng	96
31) Naphthalene	8.28	128	1456628m	40.57	ng	
32) Benzoic acid	8.04	122	349898	40.72	ng	96
33) 4-Chloroaniline	8.33	127	202678	13.35	ng	97
34) Hexachlorobutadiene	8.41	225	264743	44.06	ng	98
35) Caprolactam	8.72	113	179897m	53.00	ng	
36) 4-Chloro-3-methylphenol	8.82	107	542617	49.51	ng	93
37) 2-Methylnaphthalene	8.98	142	980941	43.16	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	469702	47.75	ng	98
40) Hexachlorocyclopentadiene	9.14	237	459387	93.26	ng	96

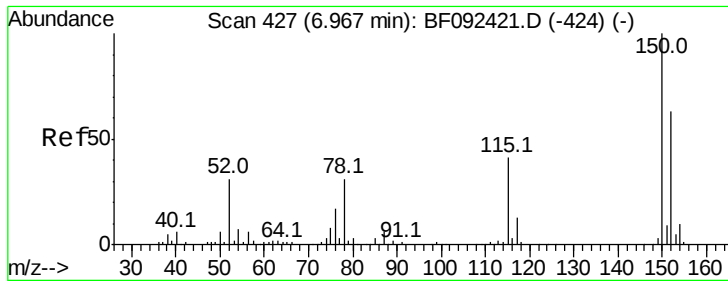
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092468.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	365232	48.47	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	325096	47.15	nq #	90
45) 1,1'-Biphenyl	9.45	154	1195022	42.40	nq	97
46) 2-Chloronaphthalene	9.47	162	940732	40.86	nq	95
47) 2-Nitroaniline	9.56	65	330044	42.57	nq	90
48) Acenaphthylene	9.89	152	1544500	45.74	nq	99
49) Dimethylphthalate	9.76	163	1193480	48.13	nq	100
50) 2,6-Dinitrotoluene	9.81	165	263943	52.08	nq #	86
51) Acenaphthene	10.06	154	1028531	49.02	nq	97
52) 3-Nitroaniline	9.97	138	148257	23.36	nq	89
53) 2,4-Dinitrophenol	10.09	184	262378	78.68	nq #	69
54) Dibenzofuran	10.24	168	1291365	45.33	nq	97
55) 4-Nitrophenol	10.14	139	494809	98.16	nq	86
56) 2,4-Dinitrotoluene	10.22	165	354808	52.74	nq #	64
57) Fluorene	10.58	166	921150	43.60	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	258336	50.01	nq	97
59) Diethylphthalate	10.46	149	1136405	47.80	nq #	94
60) 4-Chlorophenyl-phenylether	10.58	204	467578	45.64	nq #	76
61) 4-Nitroaniline	10.60	138	262451	41.34	nq	94
62) Azobenzene	10.74	77	1348852	49.85	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	164792	47.24	nq #	33
65) n-Nitrosodiphenylamine	10.69	169	843165	41.63	nq	99
66) 4-Bromophenyl-phenylether	11.07	248	303590	46.37	nq #	88
67) Hexachlorobenzene	11.13	284	268631	40.59	nq #	79
68) Atrazine	11.23	200	327741	47.28	nq	96
69) Pentachlorophenol	11.32	266	337786	79.82	nq	97
70) Phenanthrene	11.55	178	1518177	42.51	nq	99
71) Anthracene	11.60	178	1576643	45.17	nq	100
72) Carbazole	11.76	167	1489259	44.69	nq	98
73) Di-n-butylphthalate	12.09	149	1663531	43.66	nq #	98
74) Fluoranthene	12.74	202	1613108	46.18	nq	97
76) Benzidine	12.85	184	528181	29.82	nq	97
77) Pyrene	12.97	202	1622910	46.95	nq	99
79) Butylbenzylphthalate	13.59	149	767997	54.84	nq	91
80) Benzo(a)anthracene	14.15	228	1220392	47.60	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	242600	24.92	nq #	97
82) Chrysene	14.19	228	1334247	48.72	nq	100
83) Bis(2-ethylhexyl)phthalate	14.15	149	941061	53.36	nq #	97
84) Di-n-octyl phthalate	14.76	149	1806069	56.41	nq	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	1121219	55.34	nq #	94
87) Benzo(b)fluoranthene	15.21	252	1279835	44.59	nq	98
88) Benzo(k)fluoranthene	15.24	252	1187252m	49.75	nq	
89) Benzo(a)pyrene	15.57	252	1143933	47.12	nq	97
90) Dibenzo(a,h)anthracene	17.14	278	926411	47.19	nq	96
91) Benzo(g,h,i)perylene	17.57	276	914742	46.07	nq #	93

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

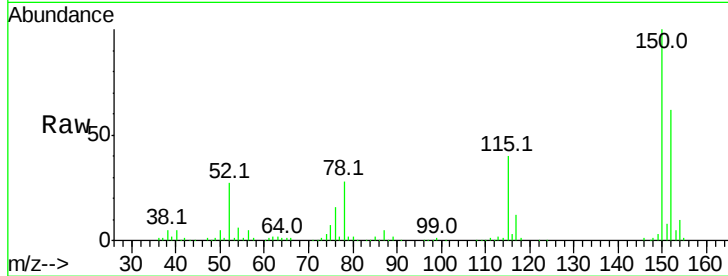


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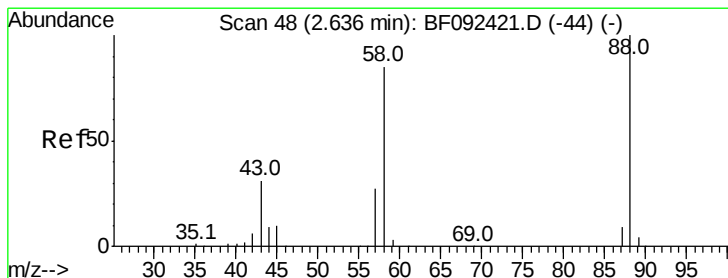
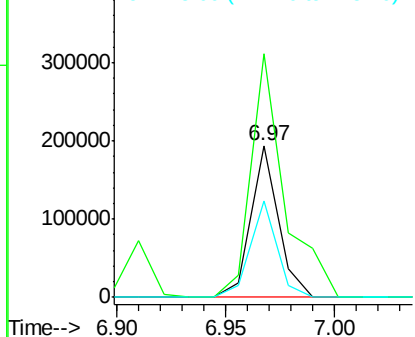
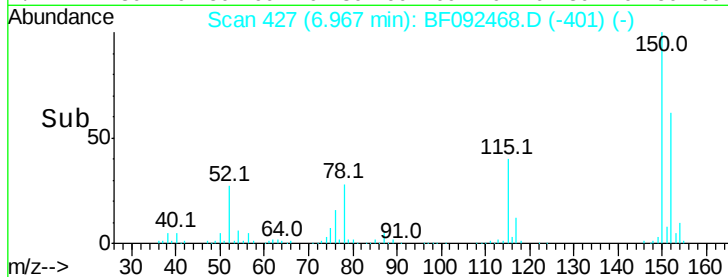
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96207BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.9	187.3
115	63.5	46.0	69.0



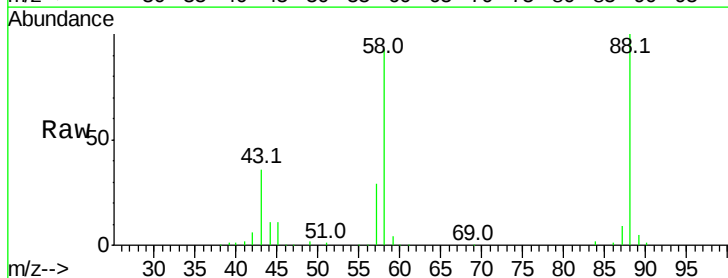
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



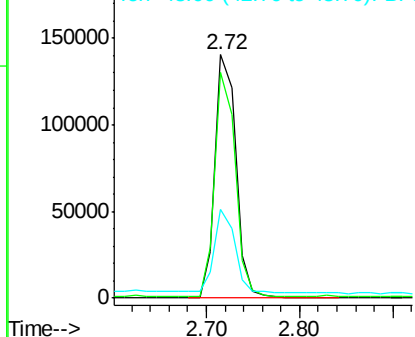
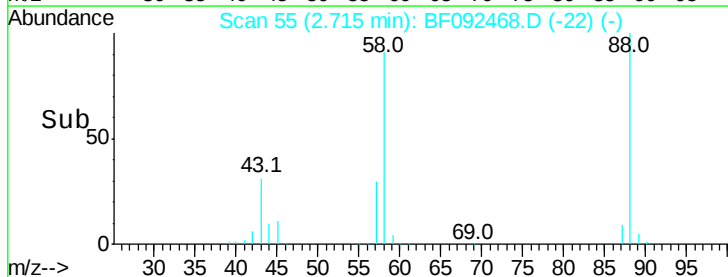
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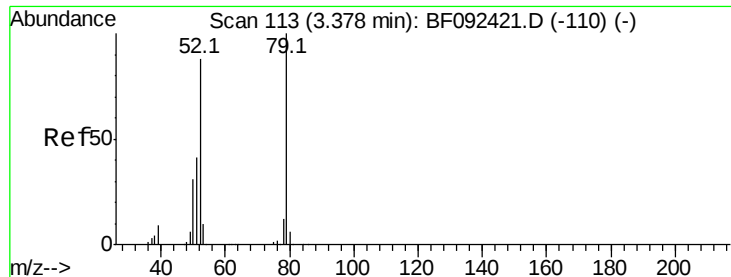
1,4-Dioxane
 Concen: 37.81 ng
 RT: 2.72 min Scan# 55
 Delta R.T. 0.08 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.2	57.8	86.8#
43	33.0	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: 38.32 ng

RT: 3.47 min Scan# 121

Delta R.T. 0.09 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

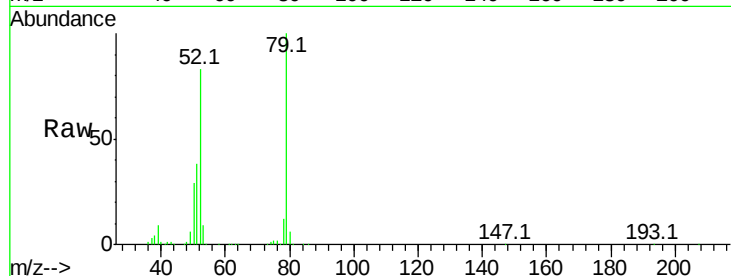
Tot Ion: 79 Resp: 637446

Ion Ratio Lower Upper

79 100

52 83.4 57.1 85.7

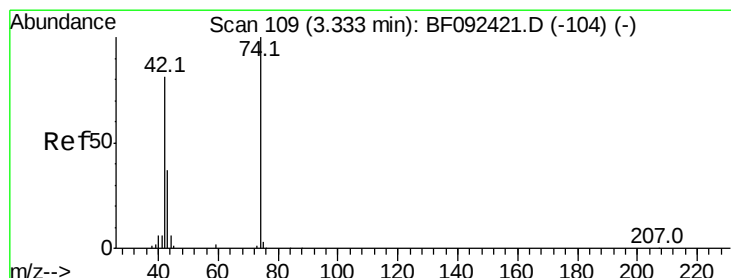
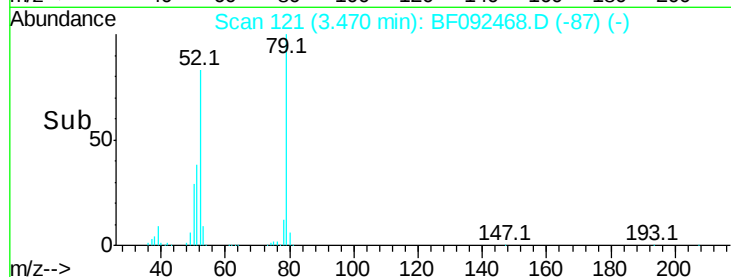
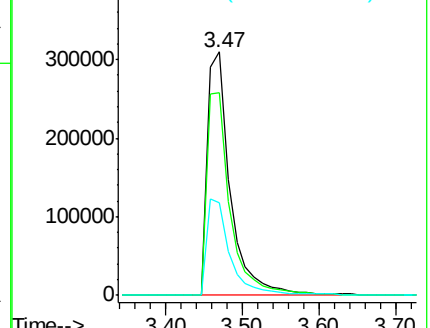
51 38.2 27.3 40.9



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: 41.48 ng

RT: 3.42 min Scan# 117

Delta R.T. 0.09 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

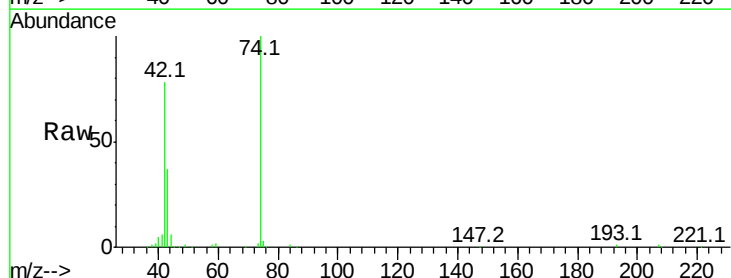
Tgt Ion: 42 Resp: 338514

Ion Ratio Lower Upper

42 100

74 129.0 117.0 175.4

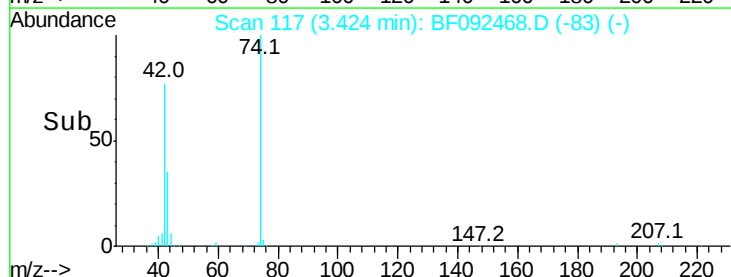
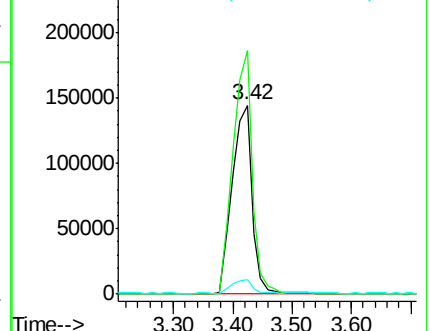
44 8.0 5.5 8.3

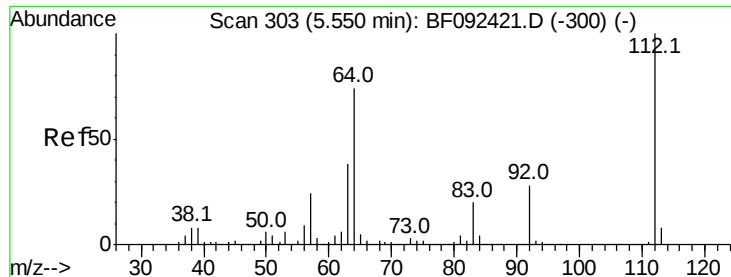


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 115.75 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

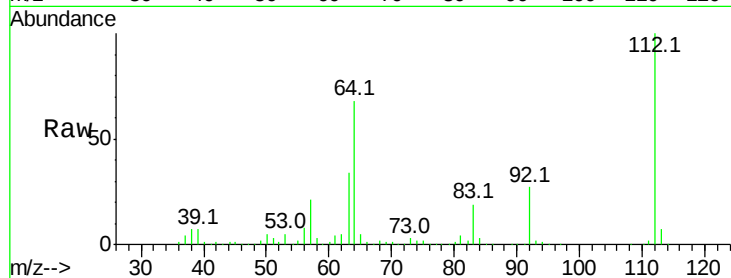
Tot Ion:112 Resp: 1271574

Ion Ratio Lower Upper

112 100

64 67.6 46.1 69.1

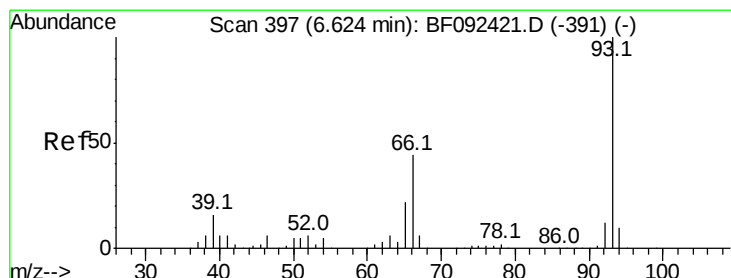
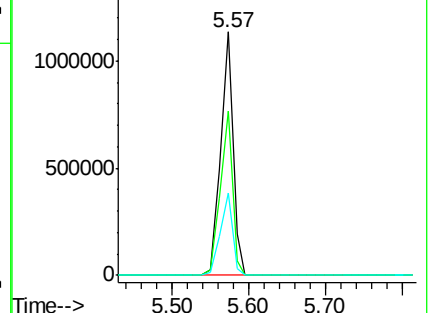
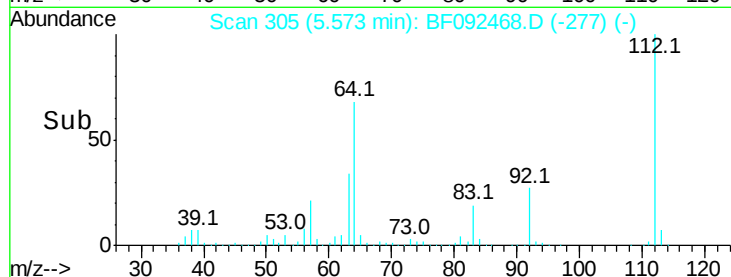
63 33.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.26 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

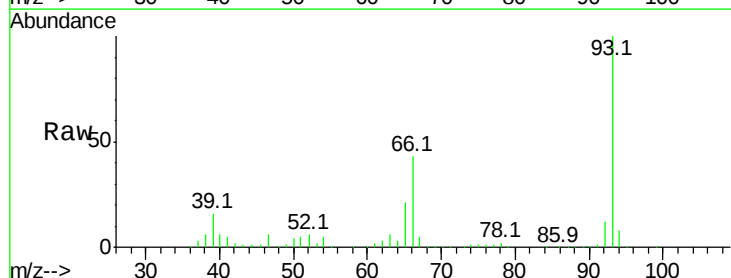
Tgt Ion: 93 Resp: 527156

Ion Ratio Lower Upper

93 100

66 42.9 76.2 114.2#

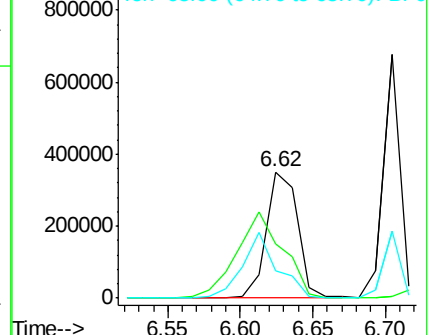
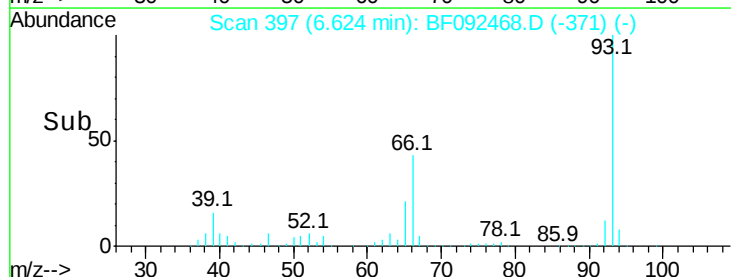
65 21.2 49.3 73.9#

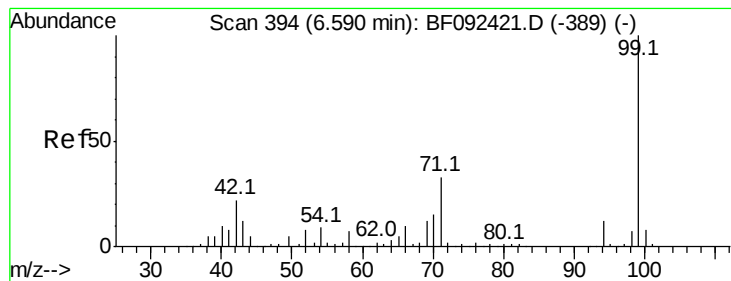


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.79 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

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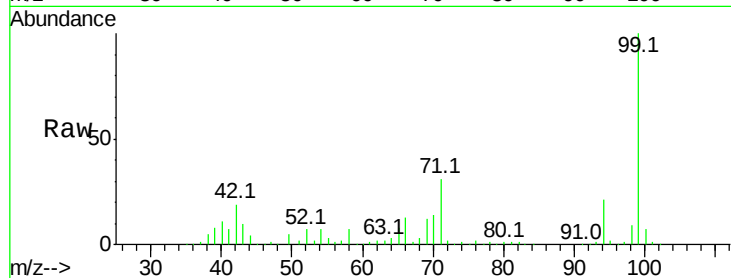
Tot Ion: 99 Resp: 1872199

Ion Ratio Lower Upper

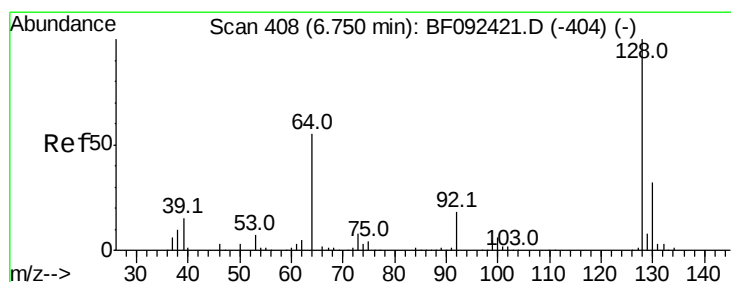
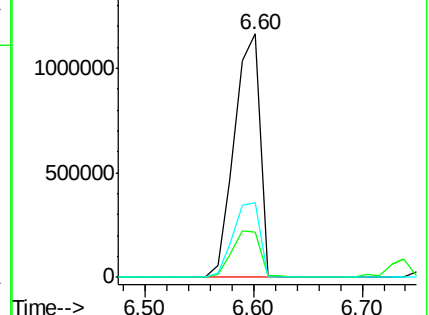
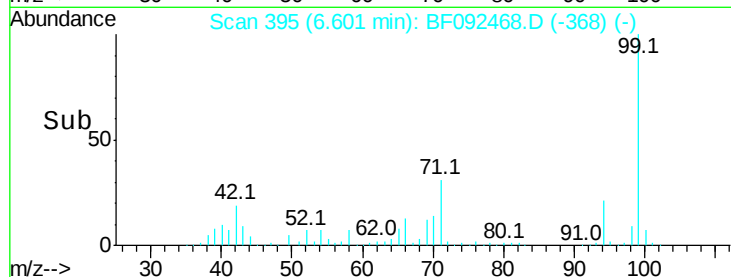
99 100

42 18.6 15.6 23.4

71 30.9 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: 42.86 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

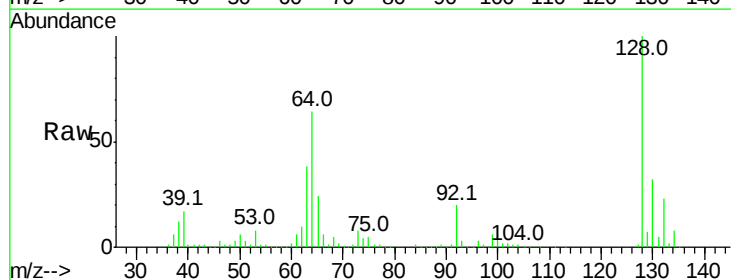
Tgt Ion:128 Resp: 494568

Ion Ratio Lower Upper

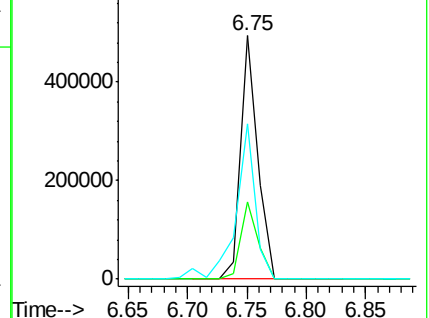
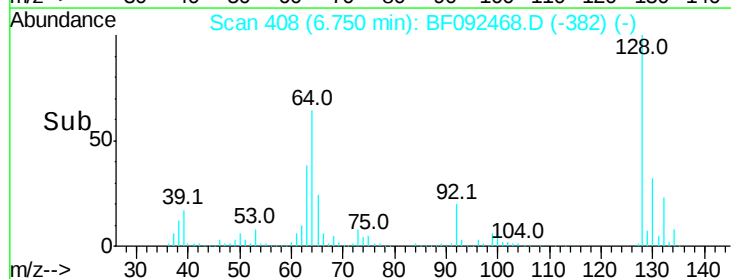
128 100

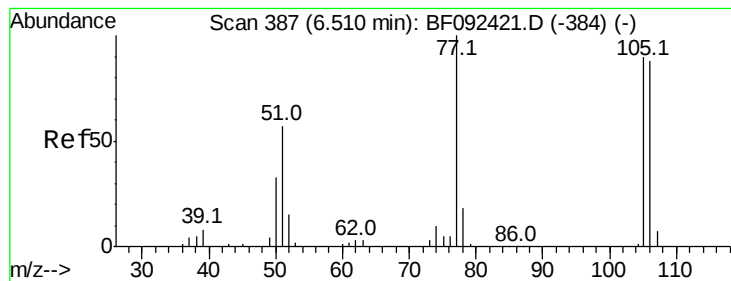
130 31.9 12.3 52.3

64 64.0 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.31 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

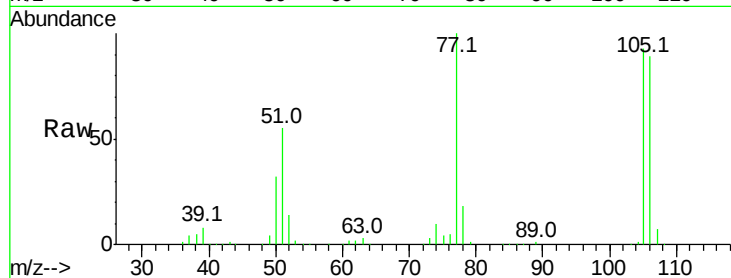
Tot Ion: 77 Resp: 340724

Ion Ratio Lower Upper

77 100

105 93.1 83.9 123.9

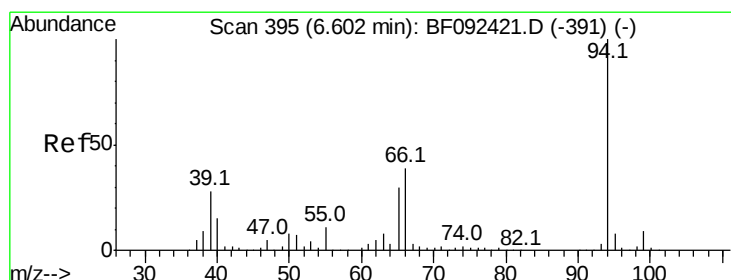
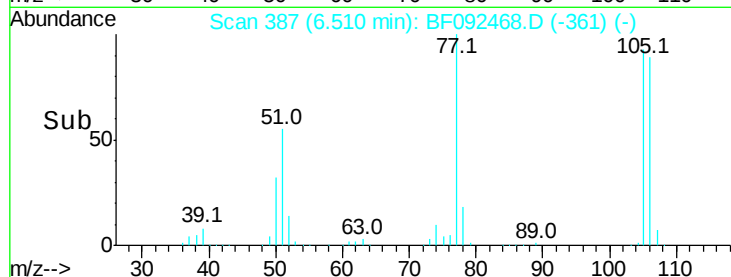
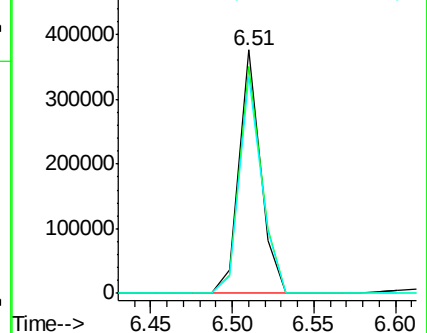
106 89.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.40 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

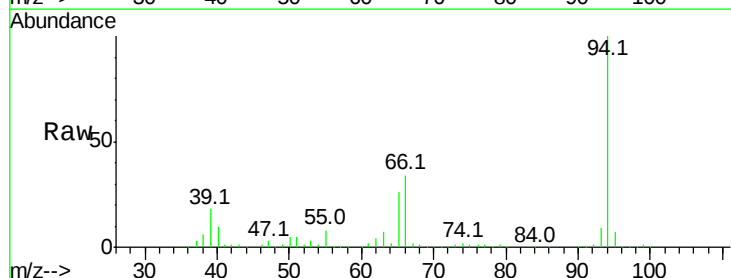
Tgt Ion: 94 Resp: 732944

Ion Ratio Lower Upper

94 100

65 25.7 21.4 61.4

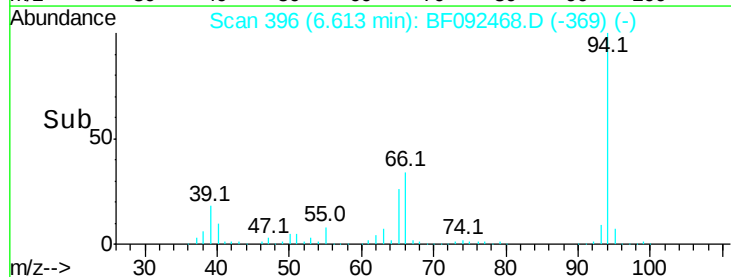
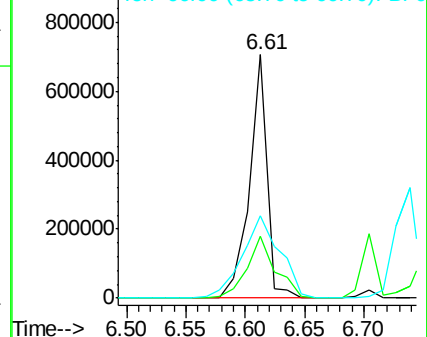
66 34.0 44.0 84.0#

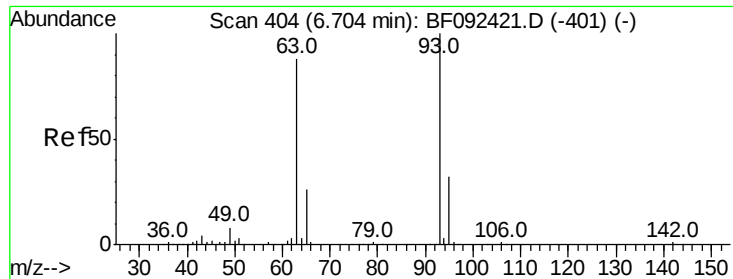


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.15 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

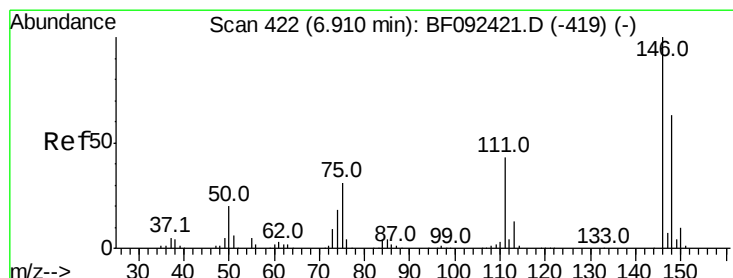
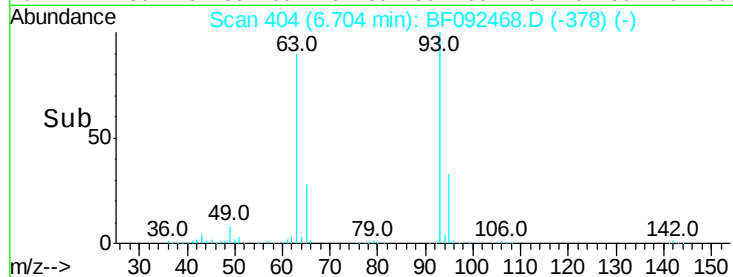
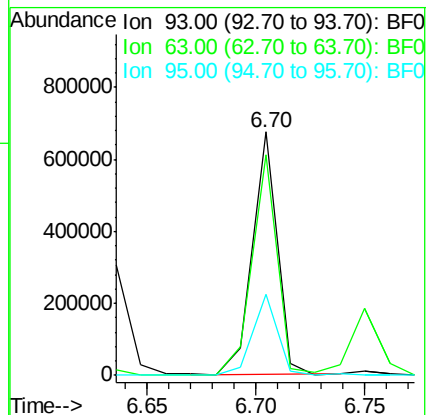
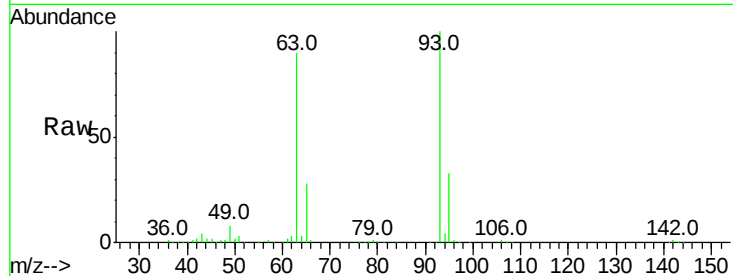
Tot Ion: 93 Resp: 532602

Ion Ratio Lower Upper

93 100

63 90.5 60.4 100.4

95 33.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 43.29 ng m

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

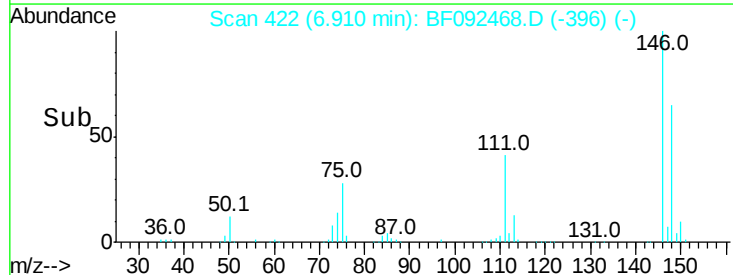
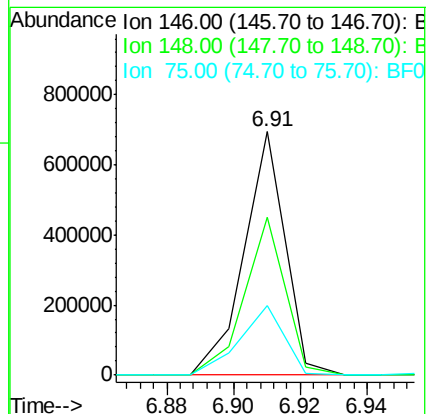
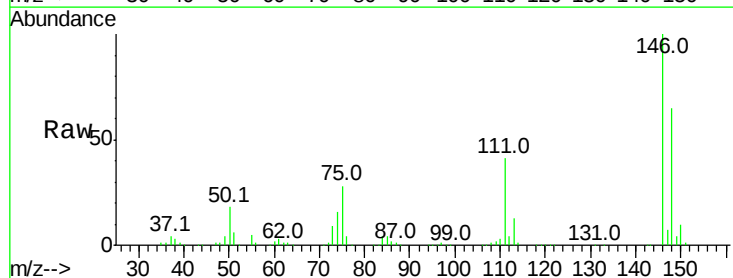
Tgt Ion: 146 Resp: 590759

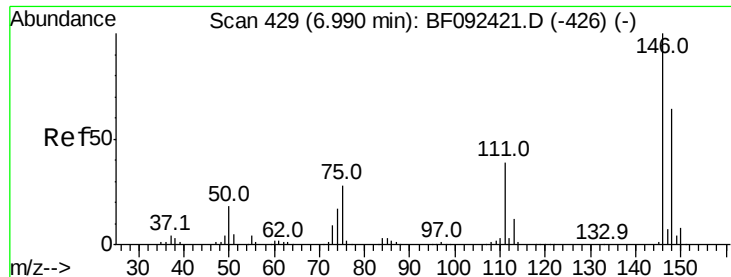
Ion Ratio Lower Upper

146 100

148 64.6 53.4 80.0

75 28.4 18.5 27.7#

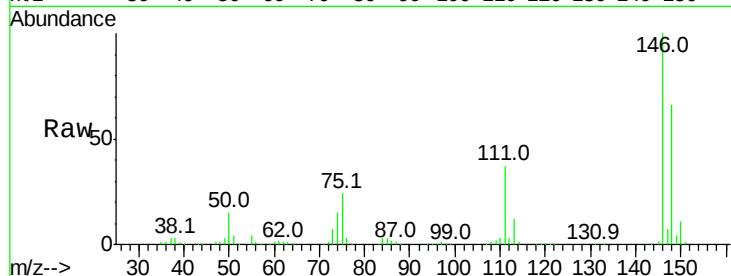




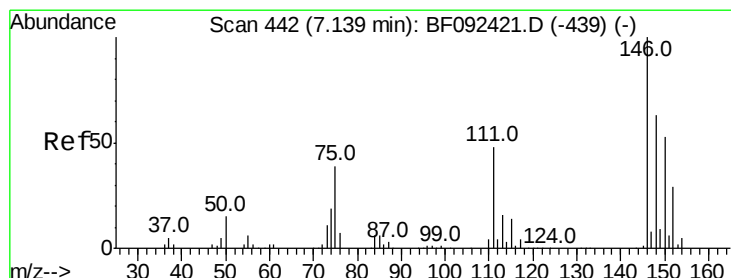
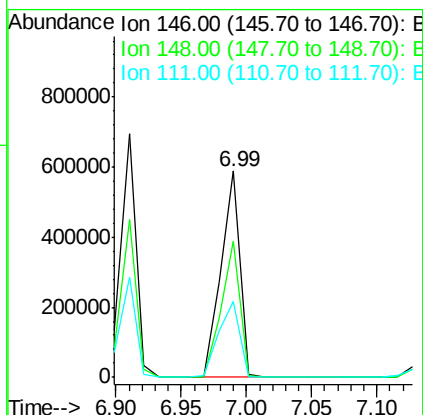
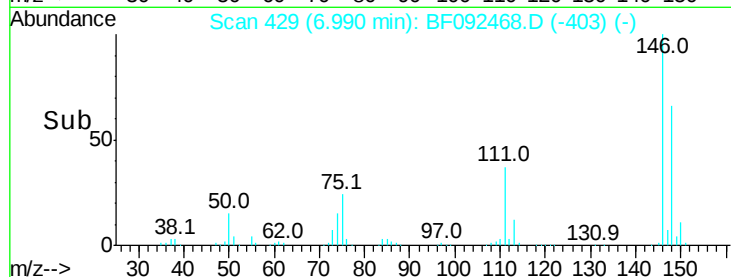
#13
 1,4-Dichlorobenzene
 Concen: 43.58 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96207BS

Tot Ion:146 Resp: 598605
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.6 76.0
 111 36.7 36.2 54.4

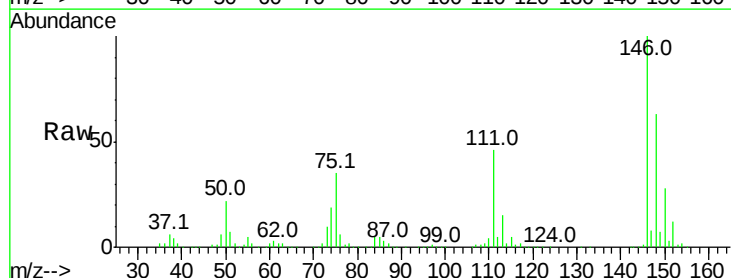


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

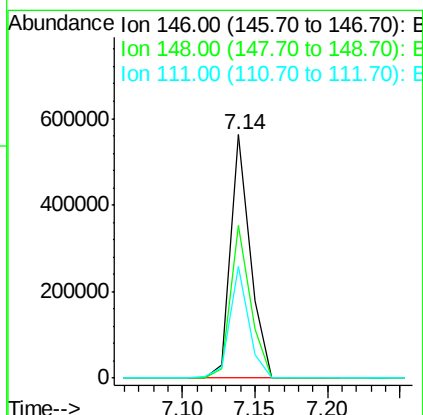
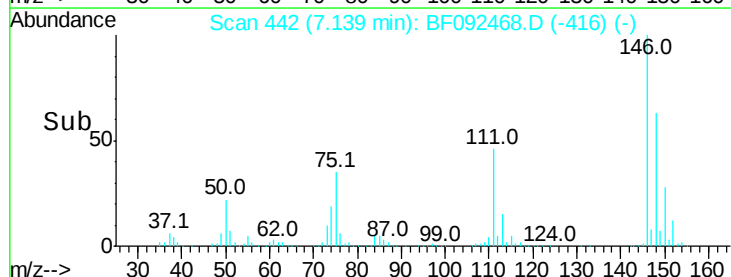


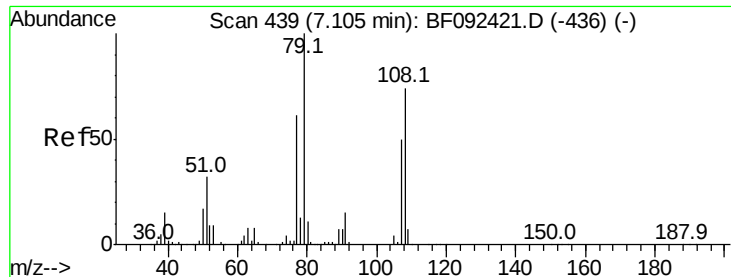
#14
 1,2-Dichlorobenzene
 Concen: 40.67 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion:146 Resp: 529894
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 46.1 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: 49.38 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

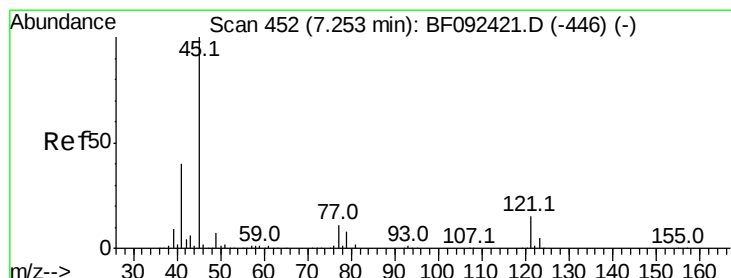
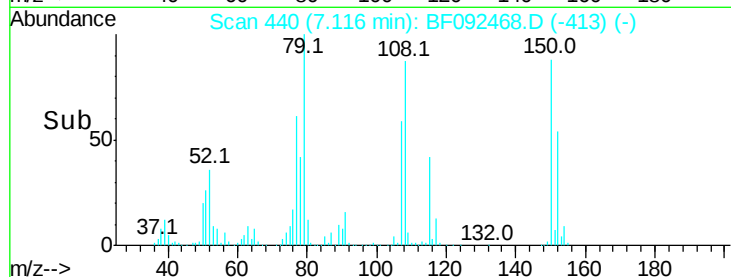
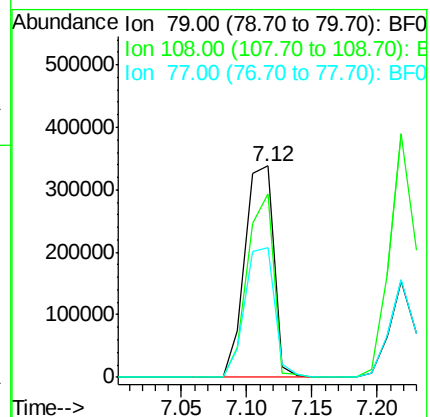
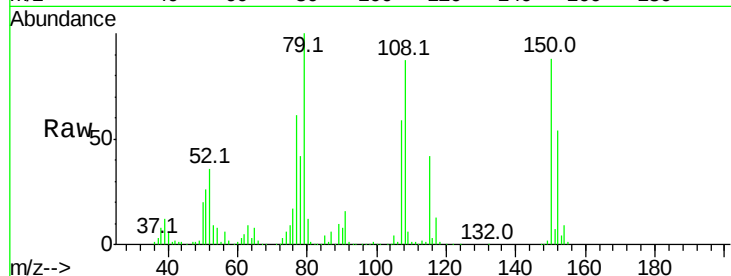
Tot Ion: 79 Resp: 520744

Ion Ratio Lower Upper

79 100

108 86.6 61.4 92.0

77 61.4 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.17 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

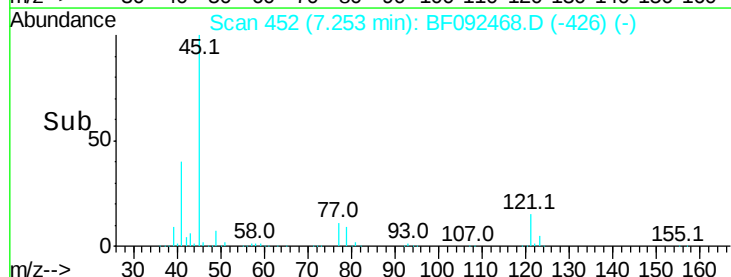
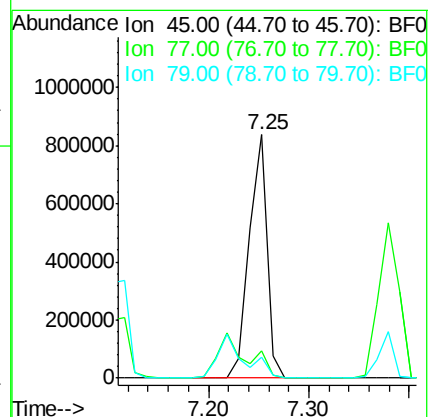
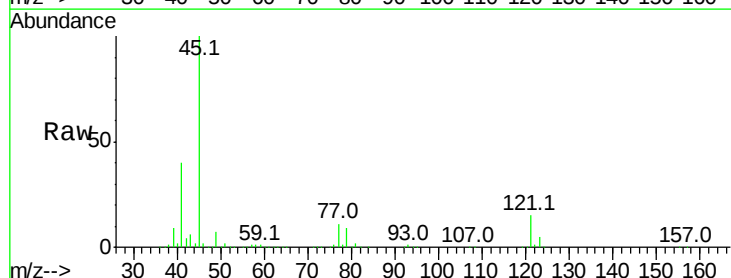
Tgt Ion: 45 Resp: 1029136

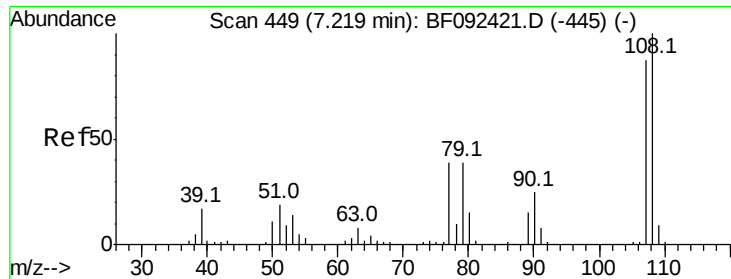
Ion Ratio Lower Upper

45 100

77 11.0 0.0 34.6

79 8.7 0.0 31.2

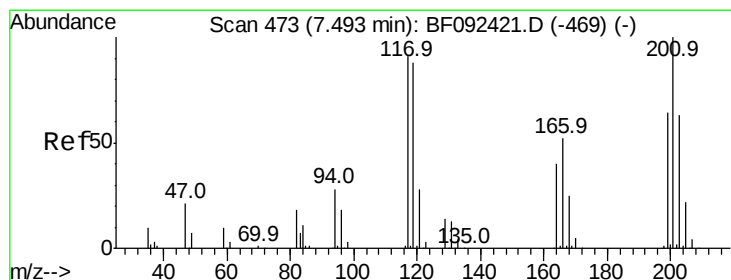
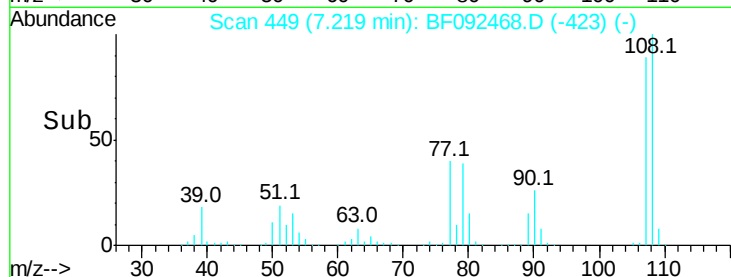
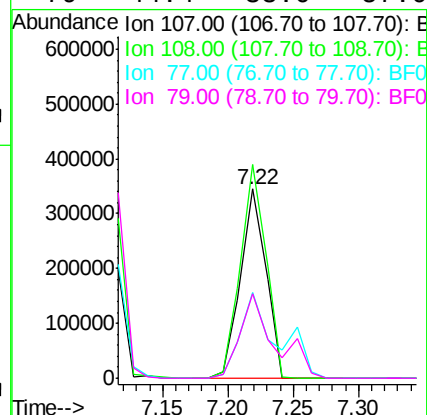
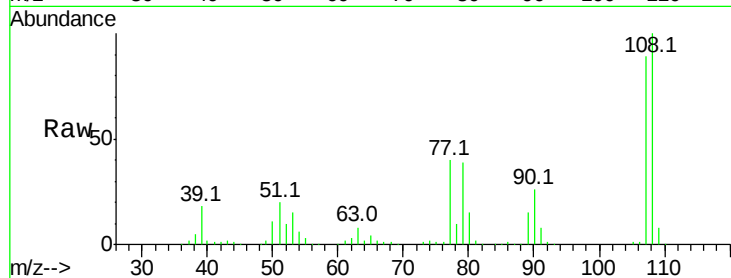




#17
2-Methylphenol
Concen: 47.34 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

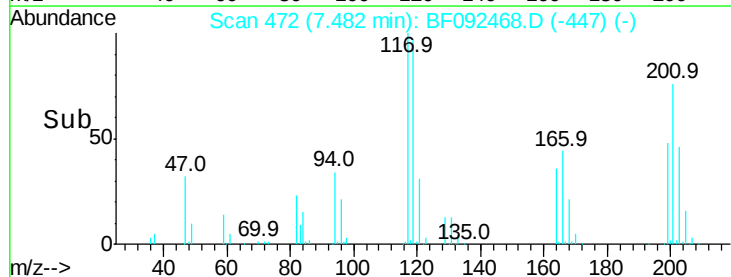
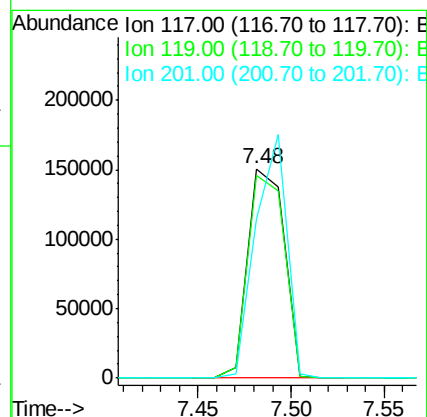
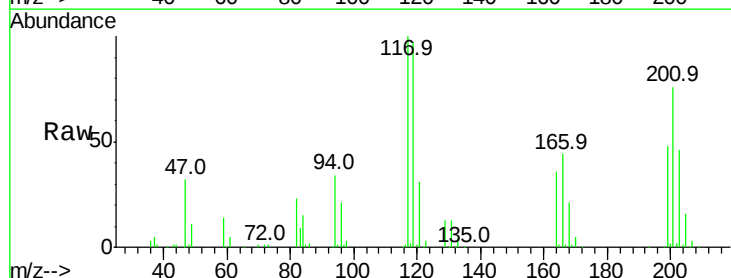
Instrument :
BNA_F
ClientSampleID :
PB96207BS

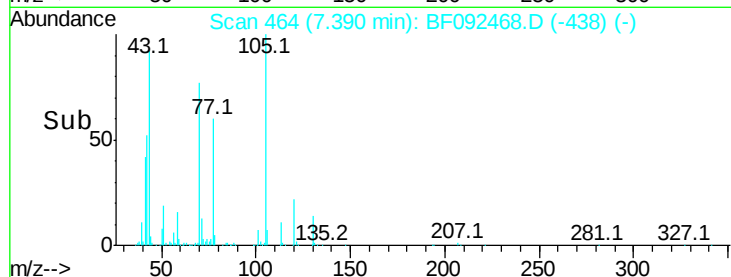
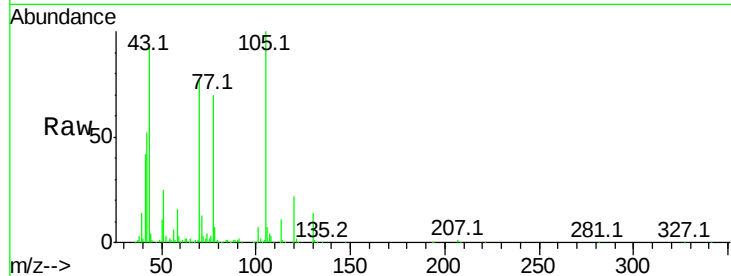
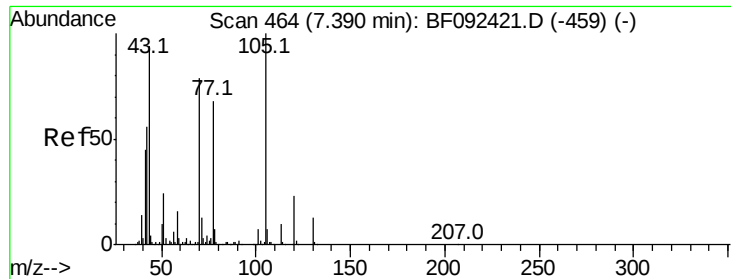
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	93.0	139.6
77	45.2	39.8	59.8
79	44.4	38.0	57.0



#18
Hexachloroethane
Concen: 43.15 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.1	117.1
201	76.3	78.6	117.8#

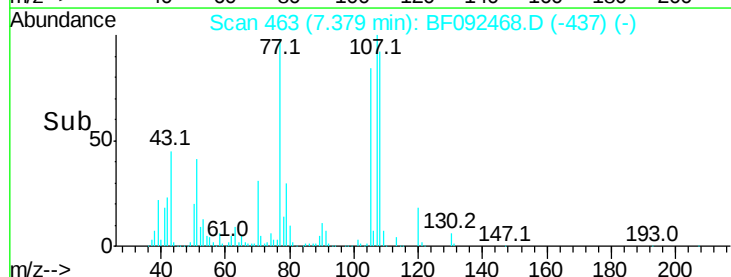
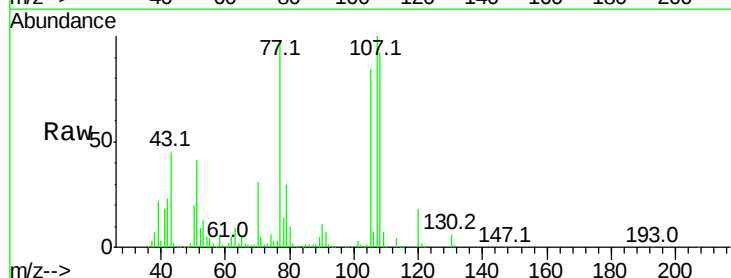
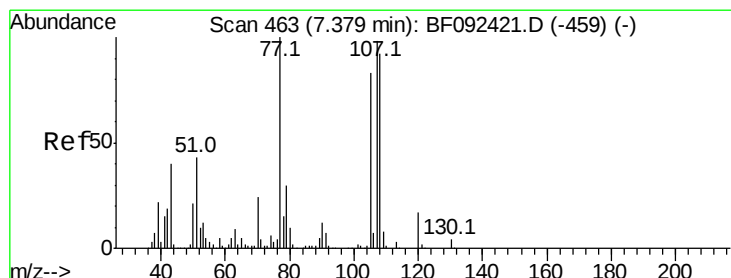
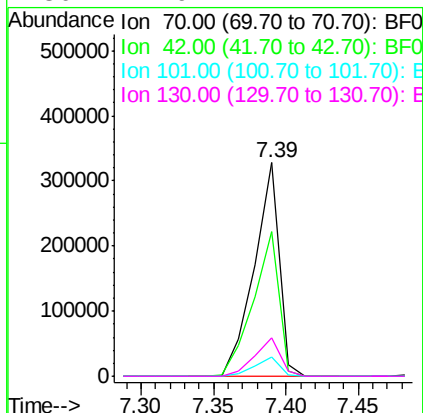




#19
n-Nitroso-di-n-propylamine
Concen: 41.43 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

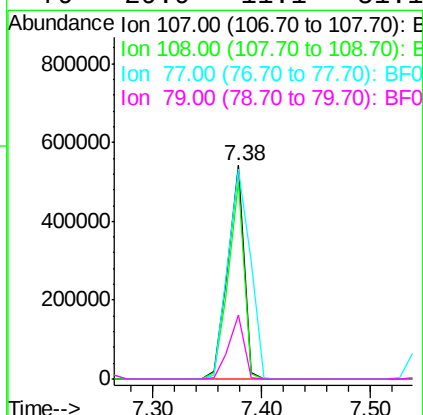
Instrument :
BNA_F
ClientSampleId :
PB96207BS

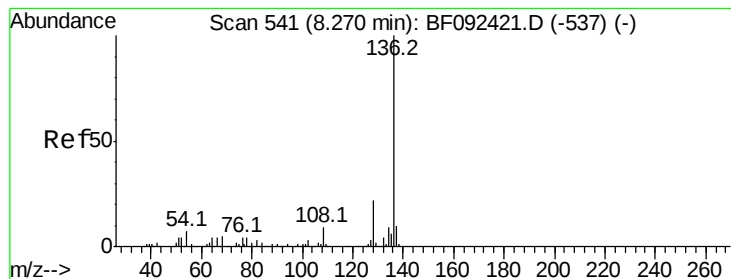
Tot Ion	70	Resp	394806
Ion	Ratio	Lower	Upper
70	100		
42	67.9	49.4	74.0
101	9.2	7.4	11.2
130	17.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 46.91 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion	107	Resp	561152
Ion	Ratio	Lower	Upper
107	100		
108	92.3	73.0	113.0
77	98.4	71.3	111.3
79	29.9	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: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

Tot Ion:136 Resp: 701427

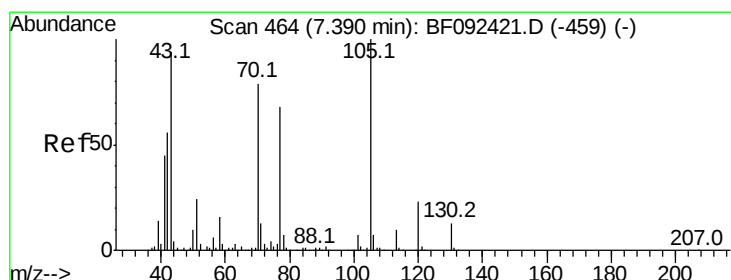
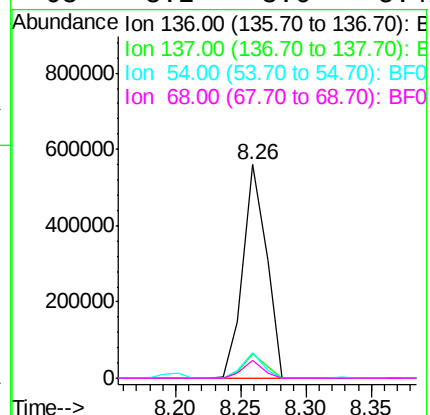
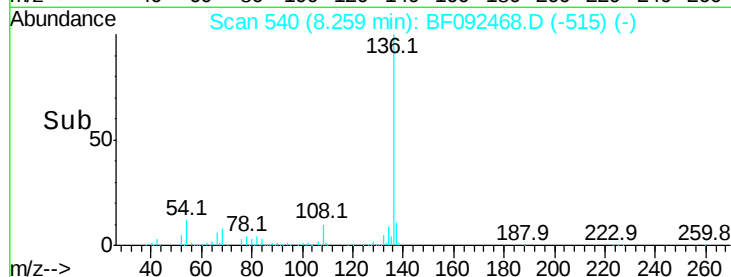
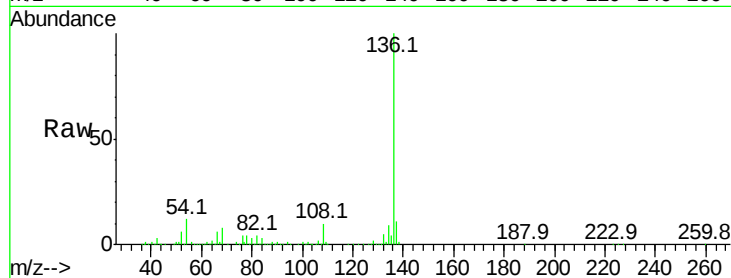
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 12.0 4.5 6.7#

68 8.2 3.6 5.4#



#22

Acetophenone

Concen: 45.08 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Tgt Ion:105 Resp: 753038

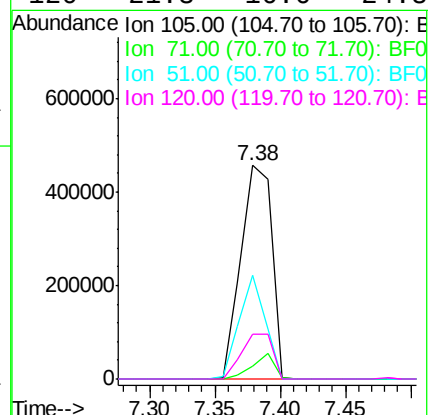
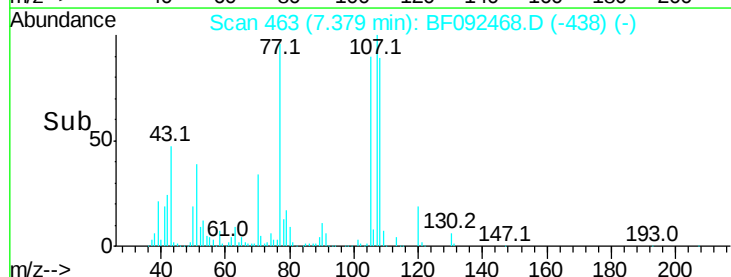
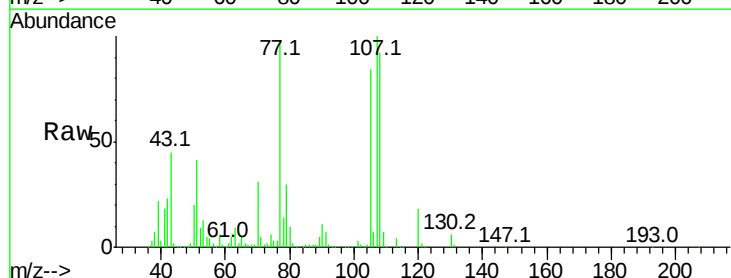
Ion Ratio Lower Upper

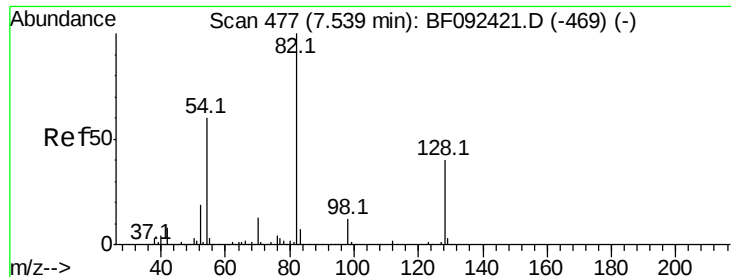
105 100

71 6.1 3.2 4.8#

51 48.5 26.2 39.4#

120 21.3 16.6 24.8

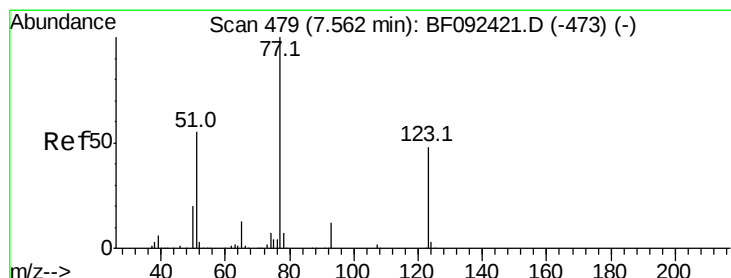
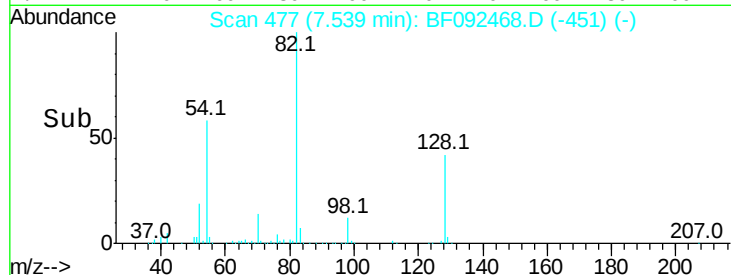
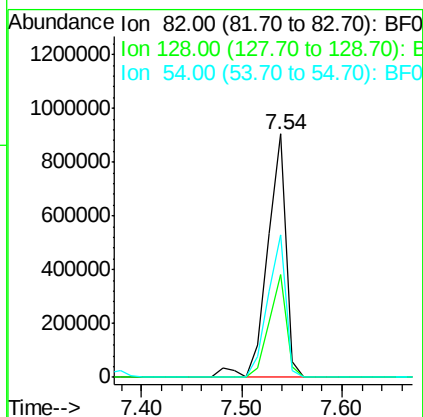
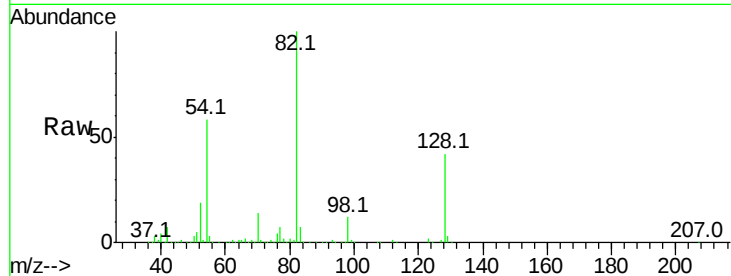




#23
Nitrobenzene-d5
Concen: 89.79 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

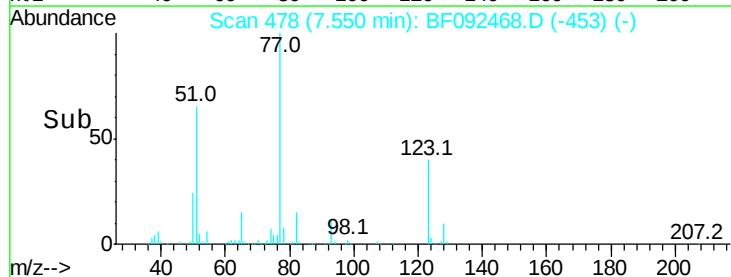
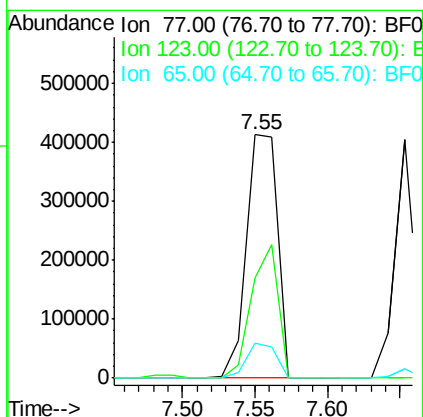
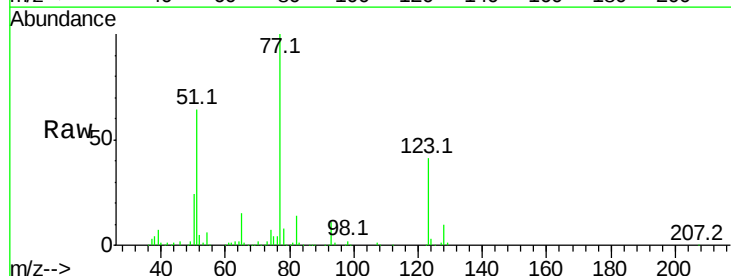
Instrument :
BNA_F
ClientSampleId :
PB96207BS

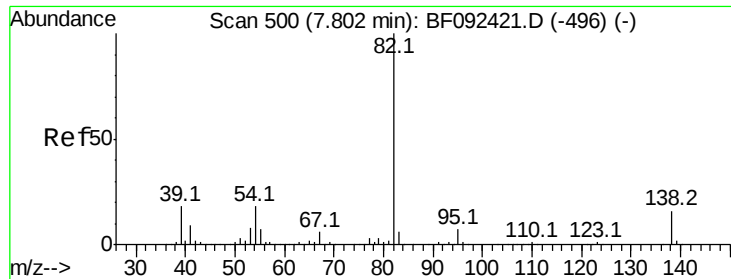
Tot Ion: 82 Resp: 1152911
Ion Ratio Lower Upper
82 100
128 42.4 34.6 52.0
54 58.3 39.5 59.3



#24
Nitrobenzene
Concen: 45.38 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion: 77 Resp: 610473
Ion Ratio Lower Upper
77 100
123 41.0 33.0 49.4
65 14.5 11.2 16.8





#25

Isophorone

Concen: 44.66 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

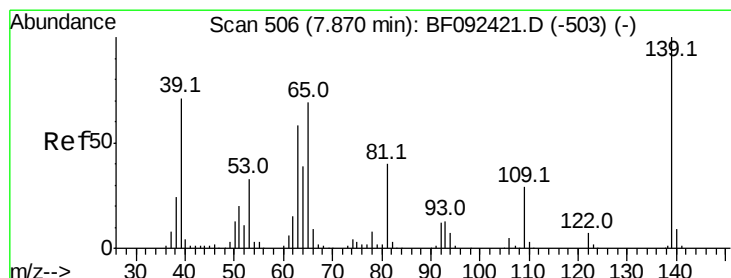
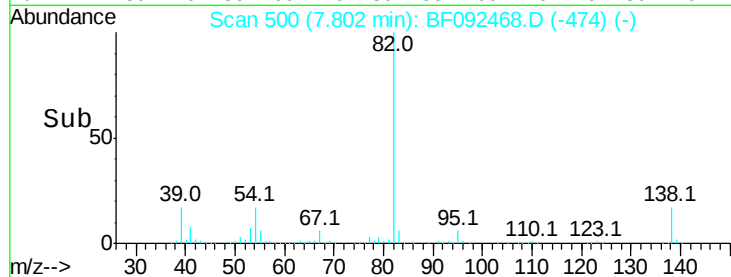
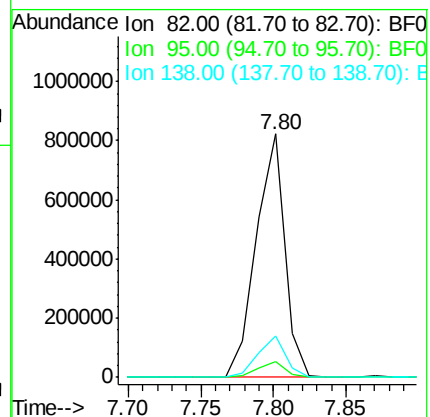
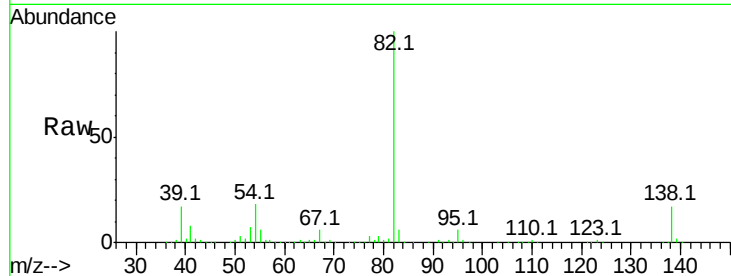
Tot Ion: 82 Resp: 1130118

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.0 14.6 22.0



#26

2-Nitrophenol

Concen: 49.20 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

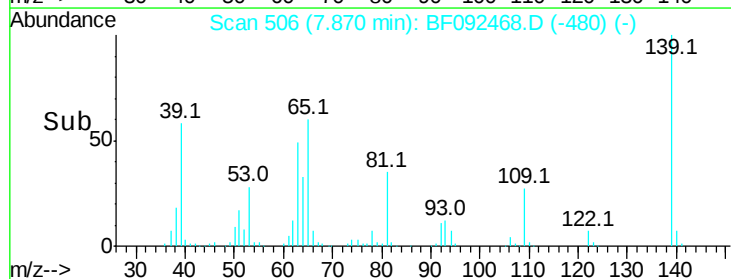
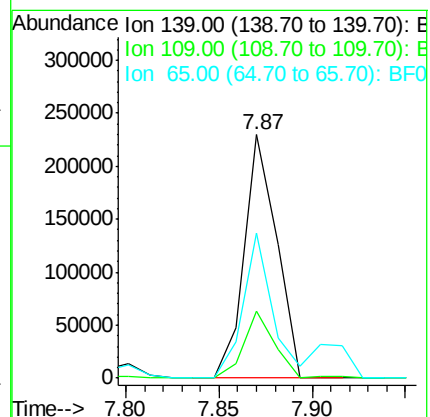
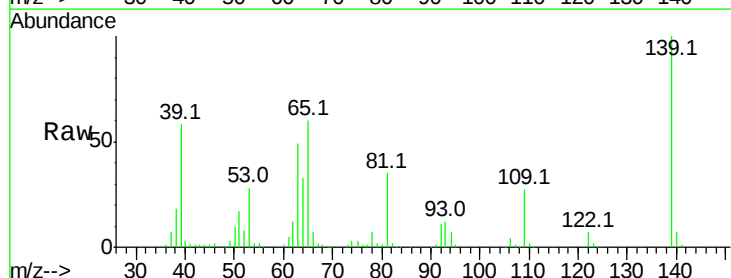
Tgt Ion:139 Resp: 277325

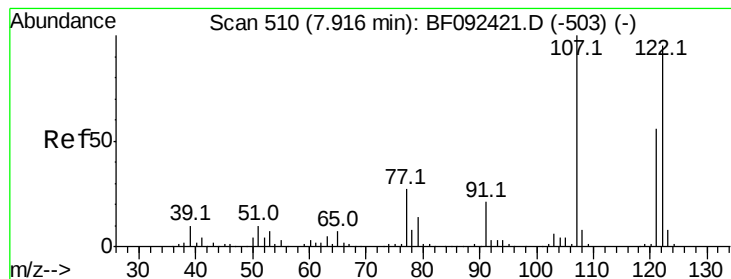
Ion Ratio Lower Upper

139 100

109 27.4 23.3 34.9

65 59.7 42.7 64.1

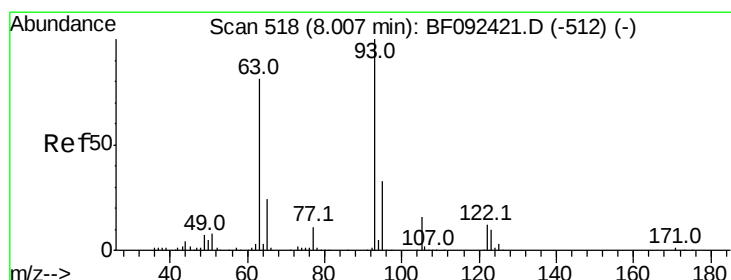
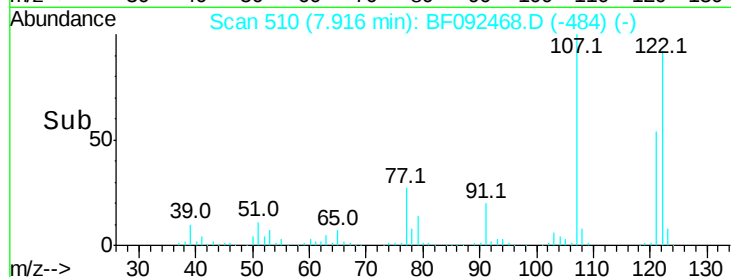
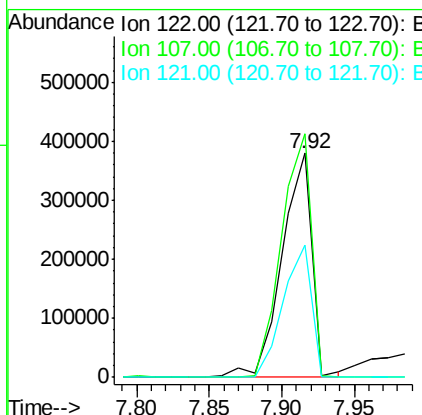
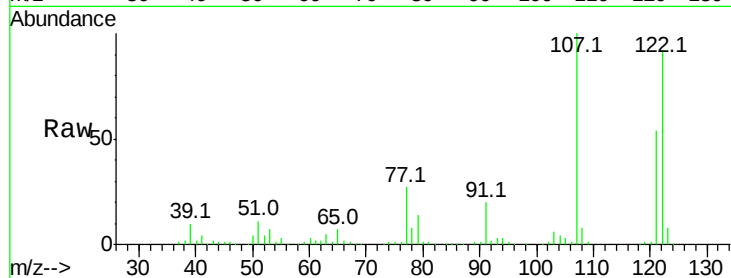




#27
2,4-Dimethylphenol
Concen: 46.35 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

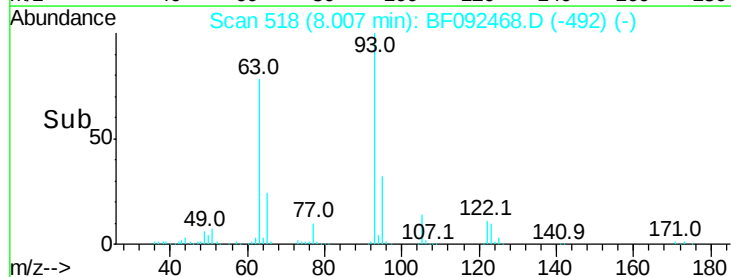
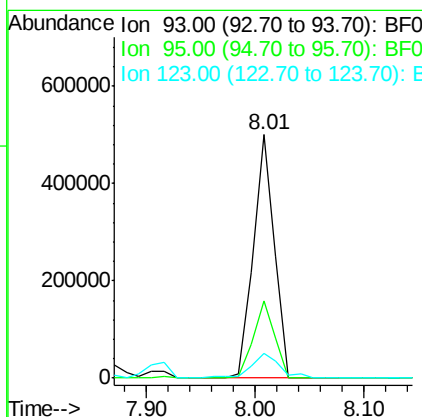
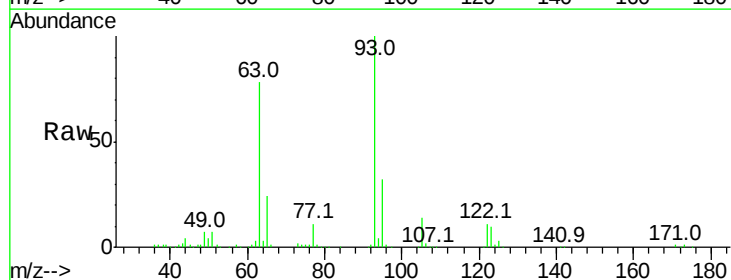
Instrument :
BNA_F
ClientSampleId :
PB96207BS

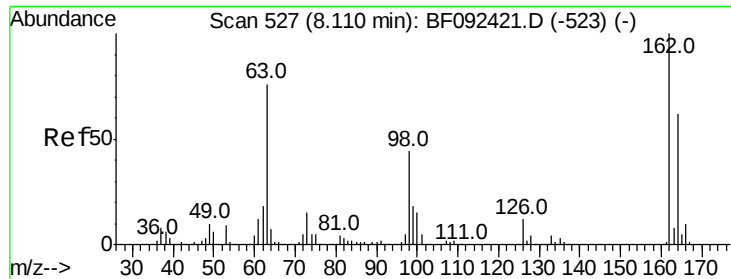
Tot Ion:122 Resp: 543420
Ion Ratio Lower Upper
122 100
107 108.6 94.1 141.1
121 58.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.53 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion: 93 Resp: 673238
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 10.3 8.6 13.0

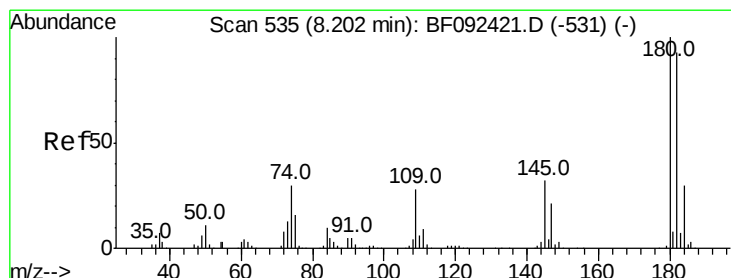
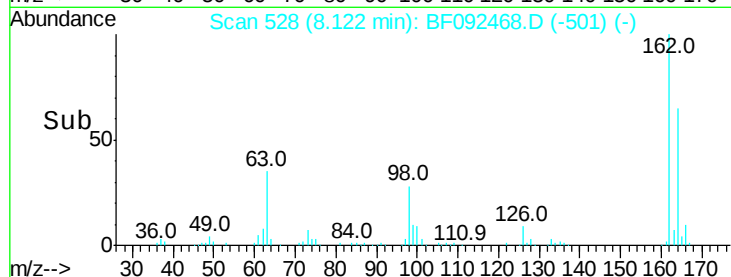
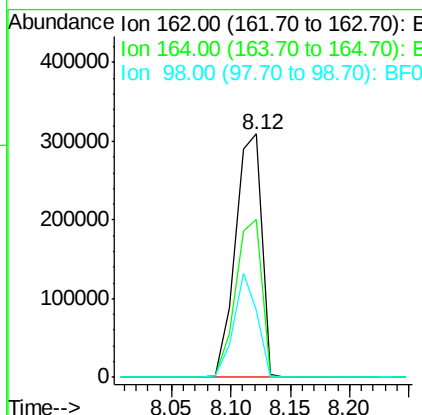
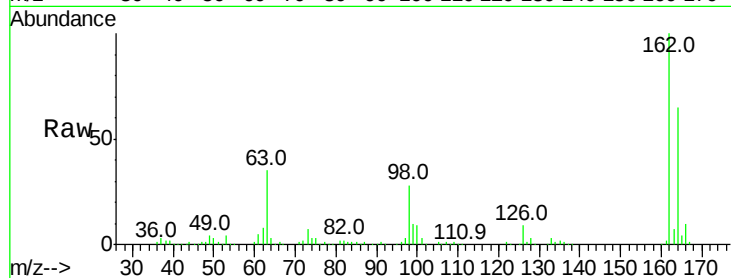




#29
 2,4-Dichlorophenol
 Concen: 46.94 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

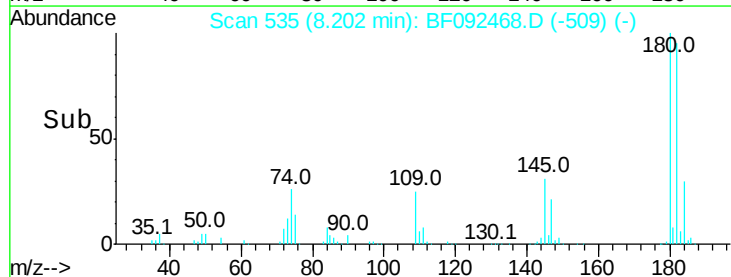
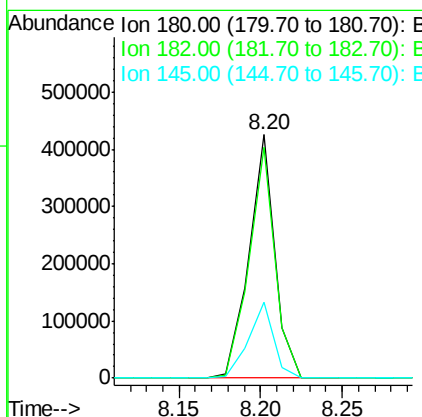
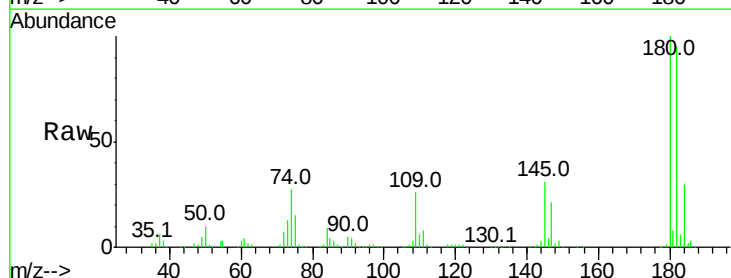
Instrument :
 BNA_F
 ClientSampleId :
 PB96207BS

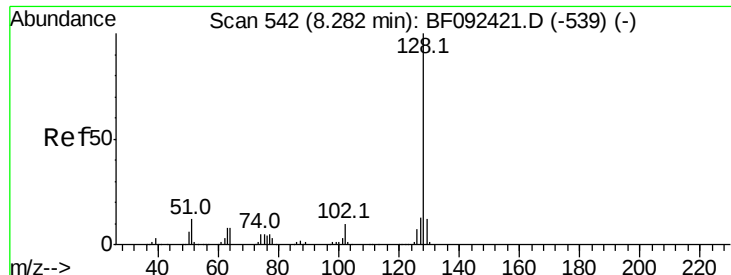
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.8	86.8
98	27.7	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.41 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	78.2	117.4
145	31.2	21.6	32.4

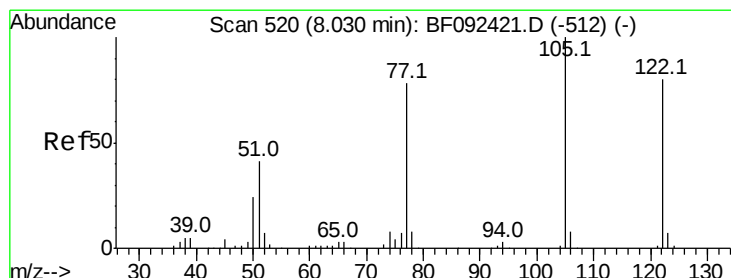
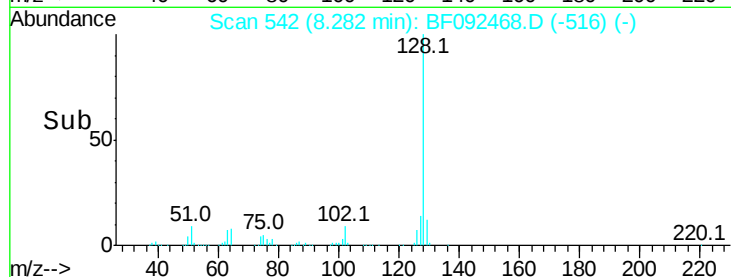
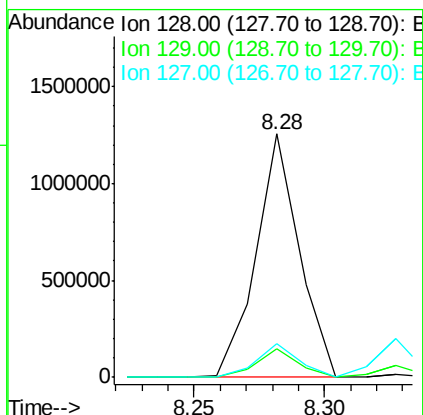
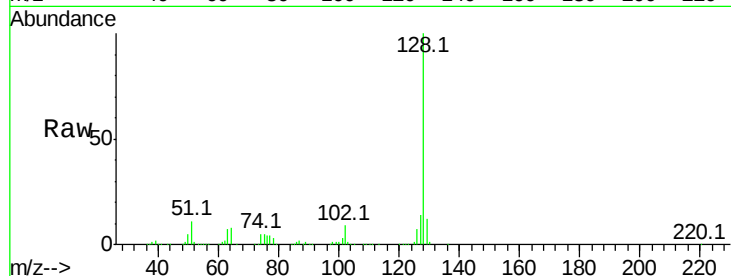




#31
Naphthalene
Concen: 40.57 ng m
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

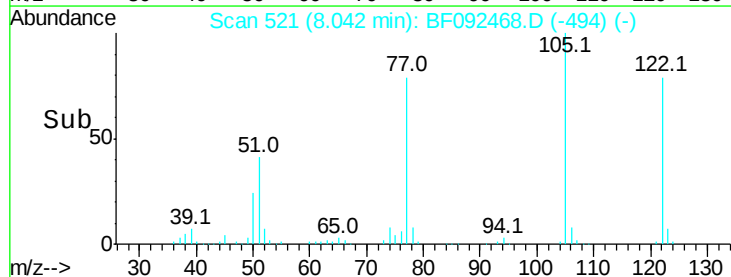
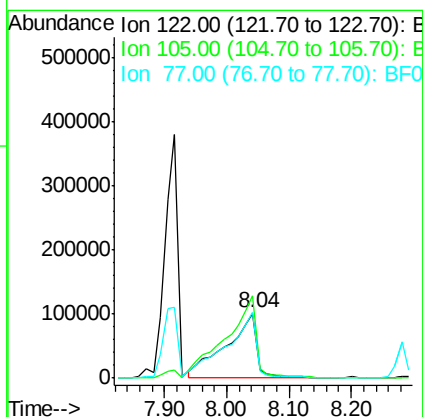
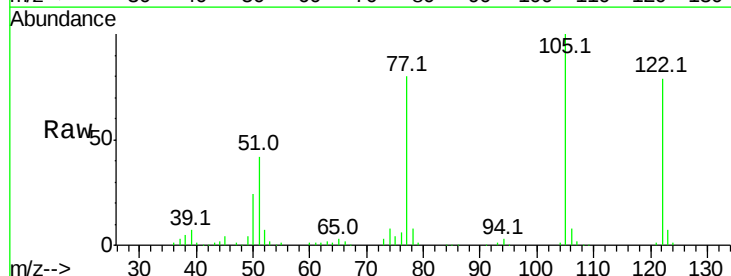
Instrument :
BNA_F
ClientSampleId :
PB96207BS

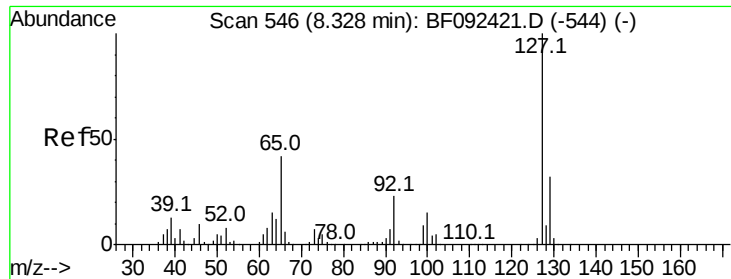
Tot Ion:128 Resp: 1456628
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 40.72 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion:122 Resp: 349898
Ion Ratio Lower Upper
122 100
105 125.9 107.2 147.2
77 101.1 74.5 114.5

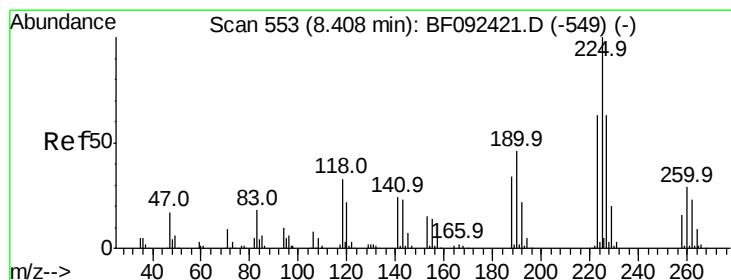
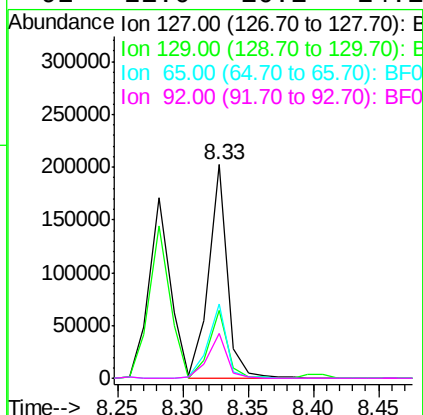
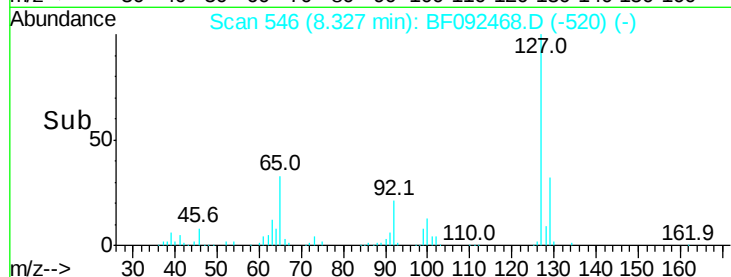
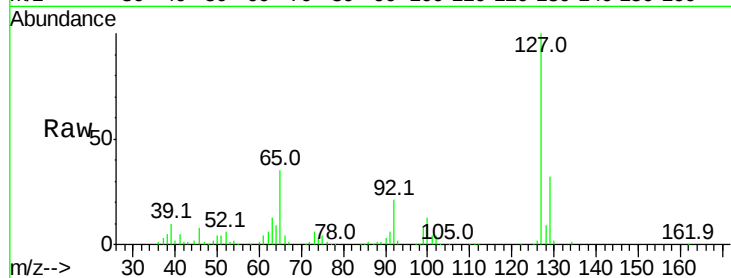




#33
4-Chloroaniline
Concen: 13.35 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

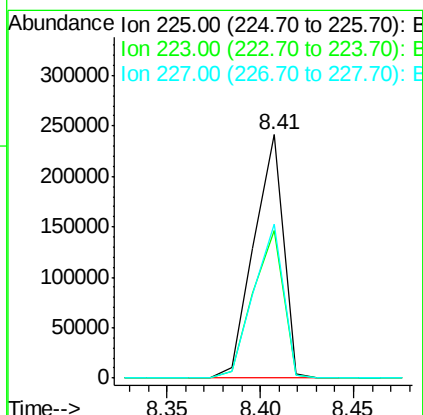
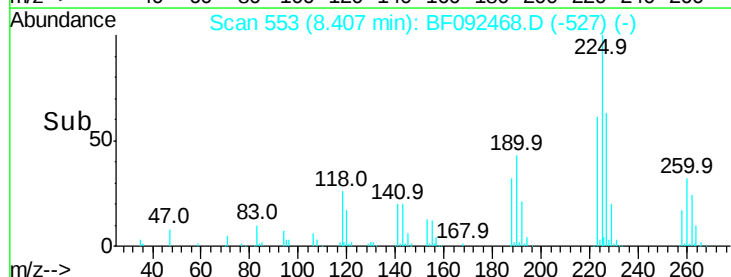
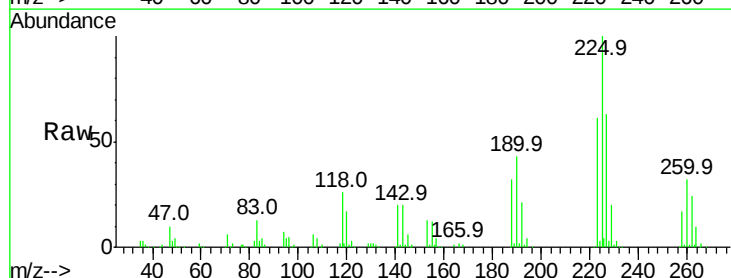
Instrument :
BNA_F
ClientSampleId :
PB96207BS

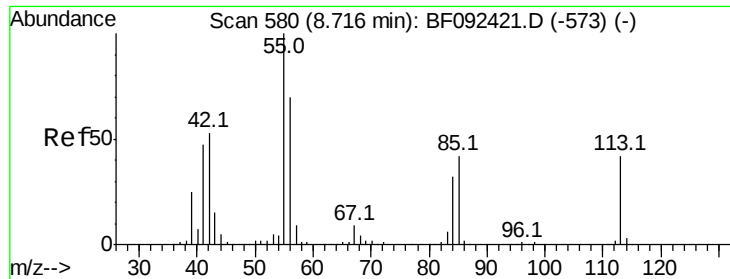
Tot Ion:	127	Resp:	202678
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	34.7	25.8	38.8
92	21.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.06 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion:	225	Resp:	264743
Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.0	76.6
227	63.1	50.6	76.0

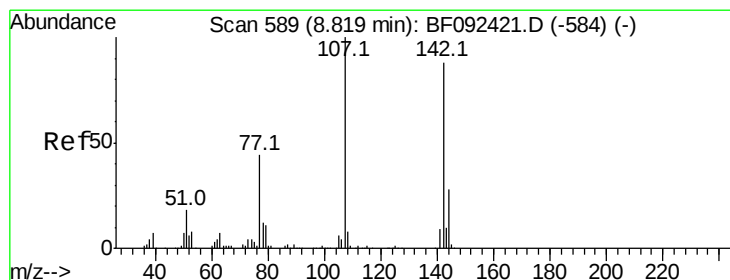
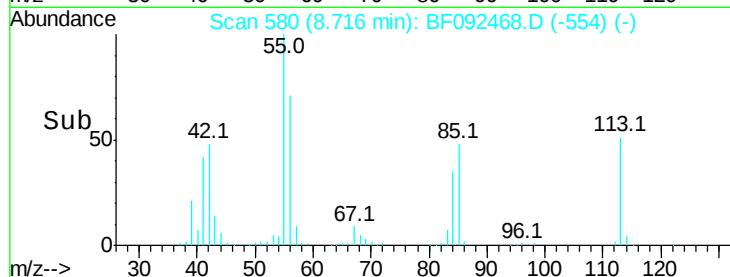
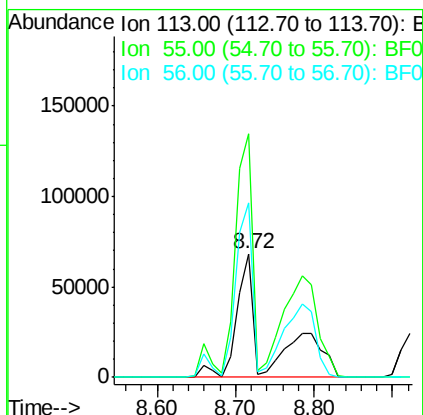
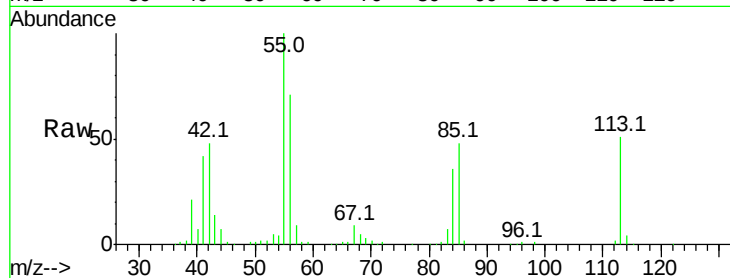




#35
 Caprolactam
 Concen: 53.00 ng/ml
 RT: 8.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

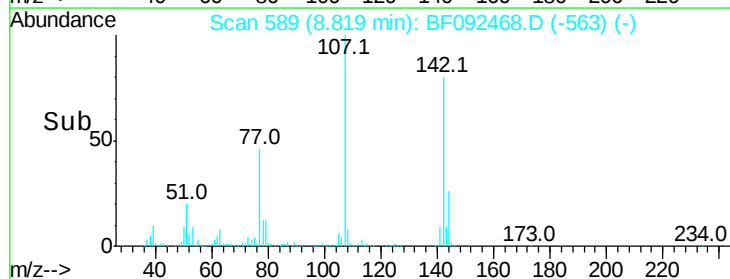
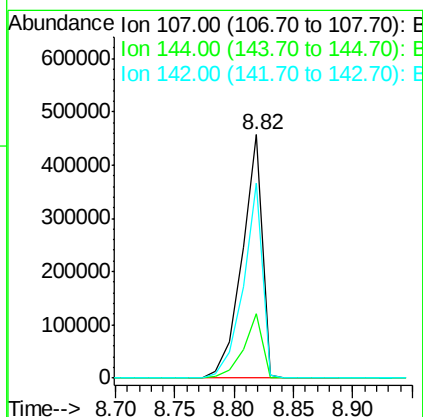
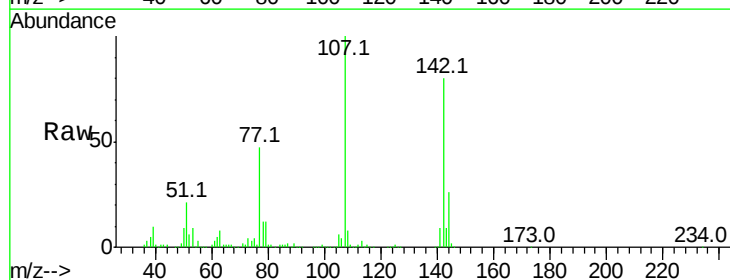
Instrument :
 BNA_F
 ClientSampleID :
 PB96207BS

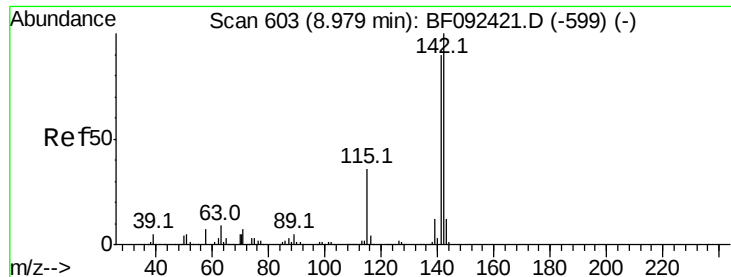
Tot Ion:113 Resp: 179897
 Ion Ratio Lower Upper
 113 100
 55 196.6 119.2 159.2#
 56 140.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 49.51 ng/ml
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion:107 Resp: 542617
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.3 28.9
 142 79.9 59.0 88.6





#37

2-Methylnaphthalene

Concen: 43.16 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

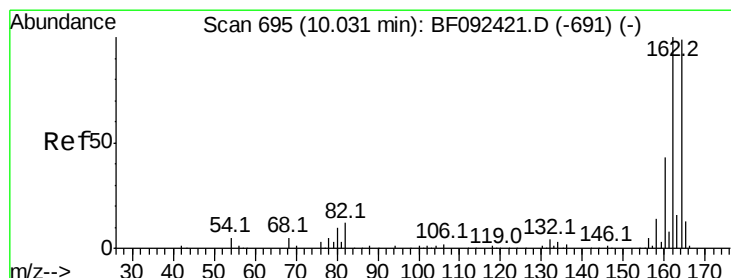
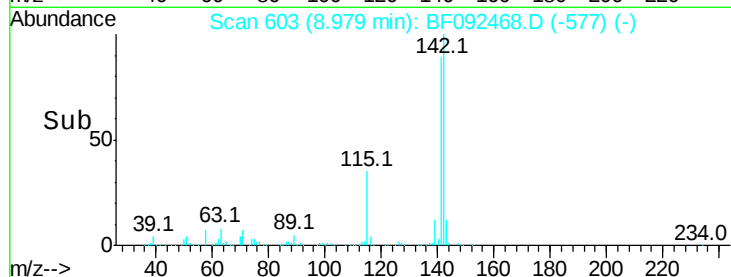
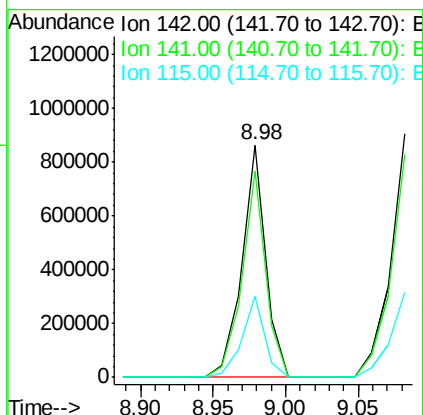
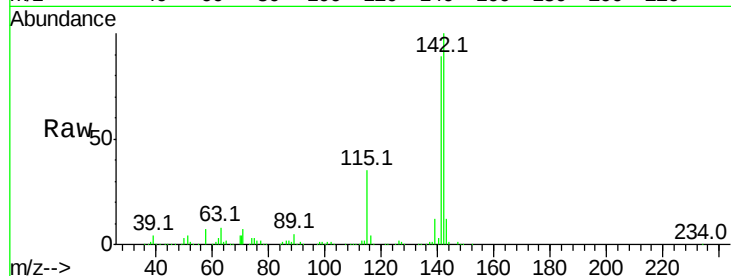
Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampleId :
PB96207BS

Tot Ion:142 Resp: 980941

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	35.1	28.3	42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

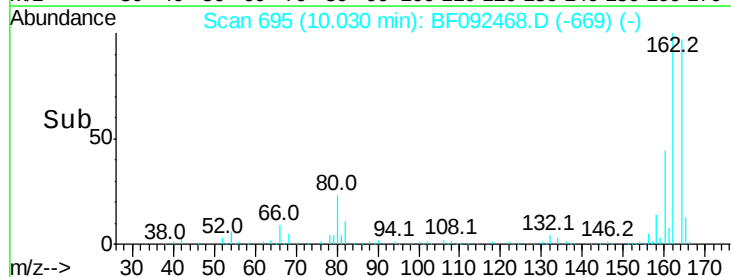
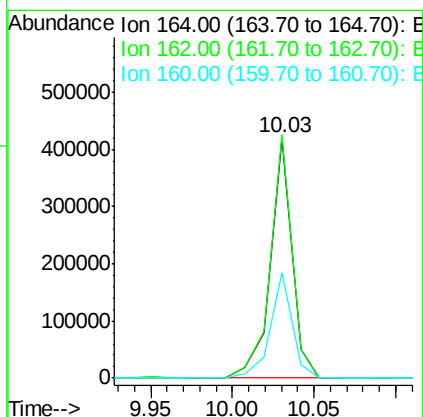
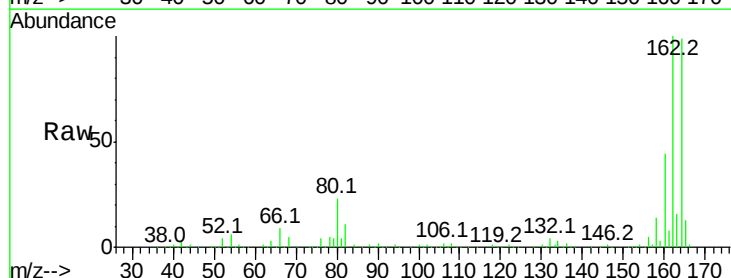
Delta R.T. -0.00 min

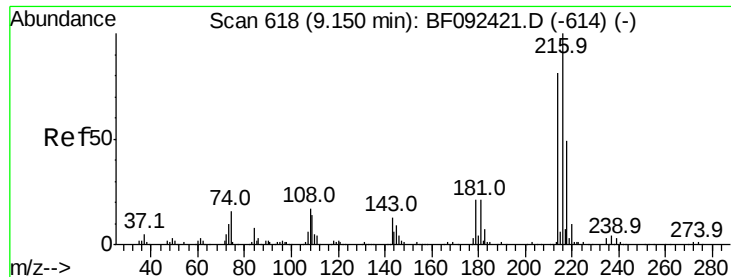
Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Tgt Ion:164 Resp: 389926

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	44.1	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.75 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

Tot Ion:216 Resp: 469702

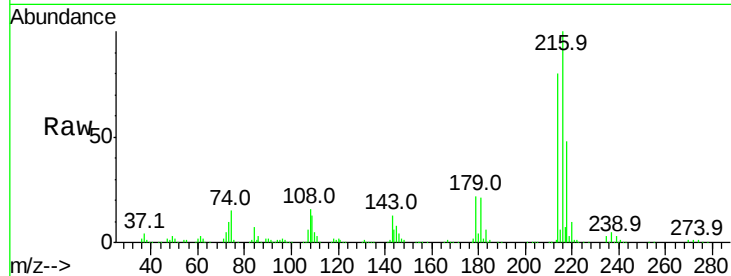
Ion Ratio Lower Upper

216 100

214 80.4 63.4 95.0

179 22.4 17.4 26.2

108 21.1 15.6 23.4

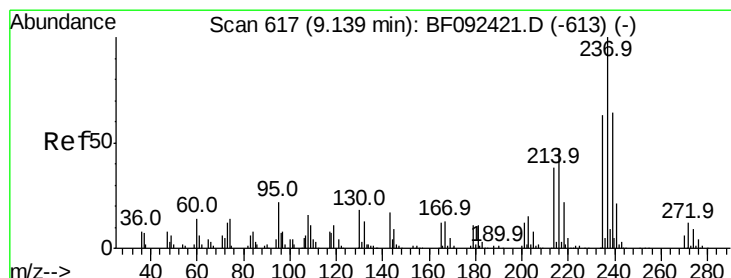
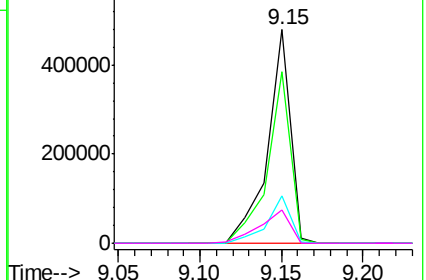
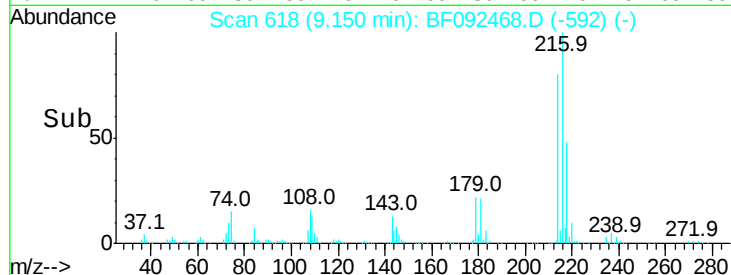


Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.26 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

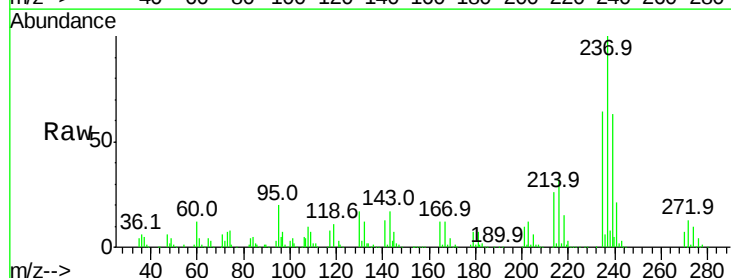
Tgt Ion:237 Resp: 459387

Ion Ratio Lower Upper

237 100

235 63.9 41.2 81.2

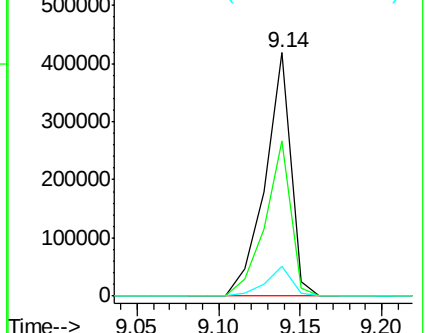
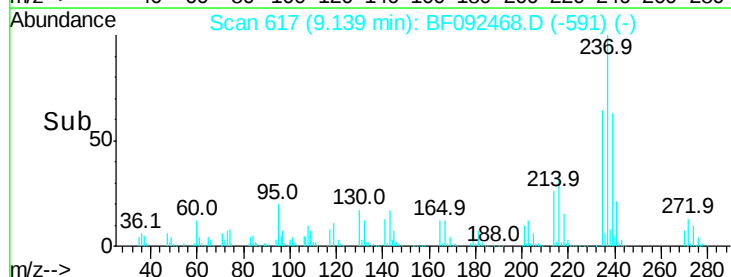
272 12.5 0.0 35.4

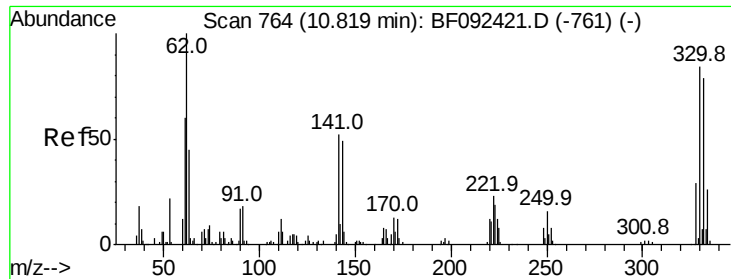


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 147.90 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

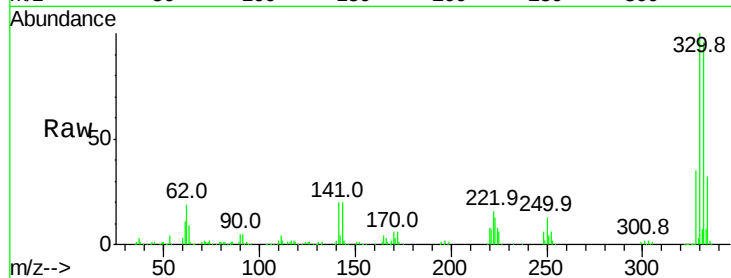
Tot Ion:330 Resp: 393002

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

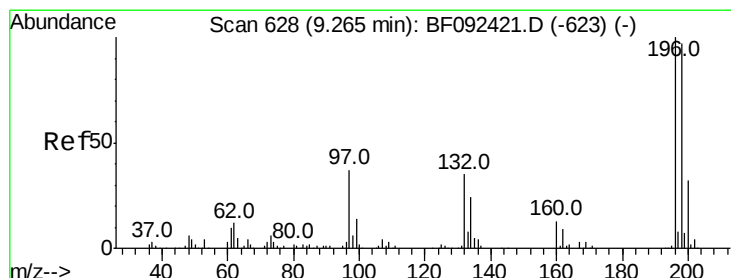
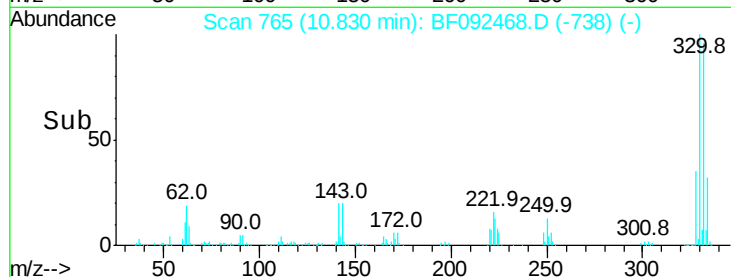
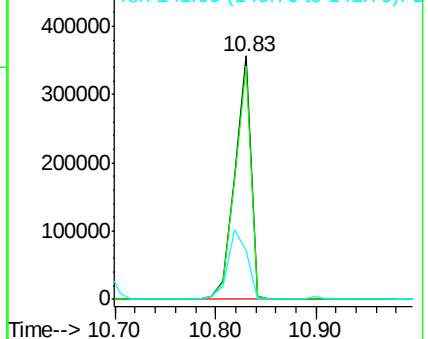
141 34.9 34.1 51.1



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: 48.47 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

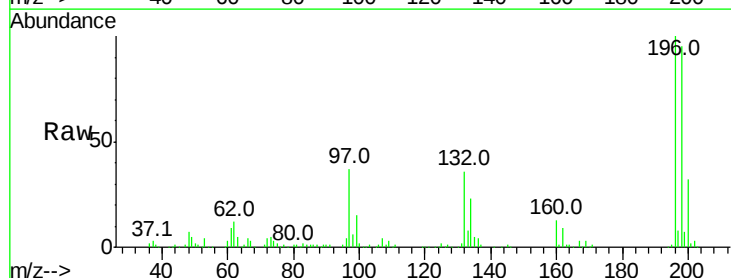
Tgt Ion:196 Resp: 365232

Ion Ratio Lower Upper

196 100

198 95.5 82.1 123.1

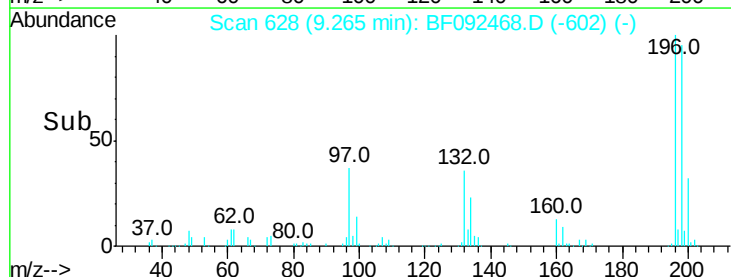
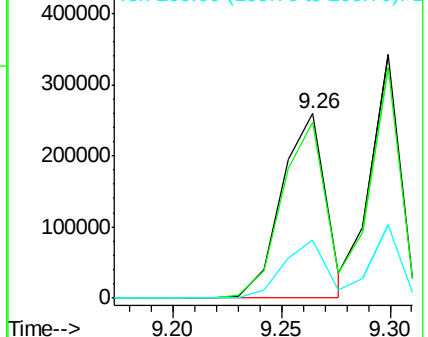
200 31.6 27.0 40.4

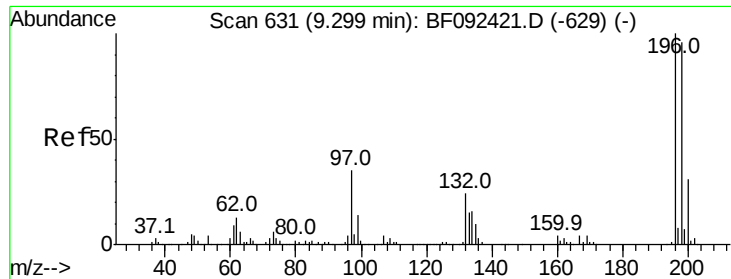


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

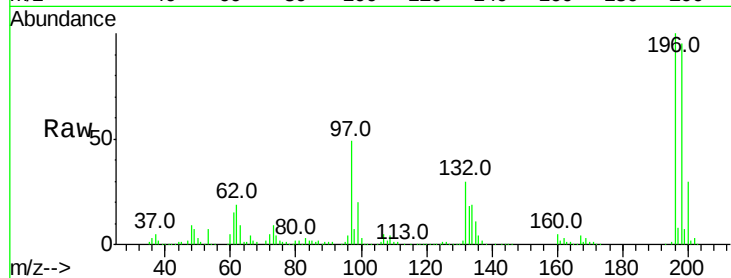




#43
 2,4,5-Trichlorophenol
 Concen: 47.15 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96207BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	79.4	119.2
97	49.0	51.5	77.3
132	29.8	27.4	41.2



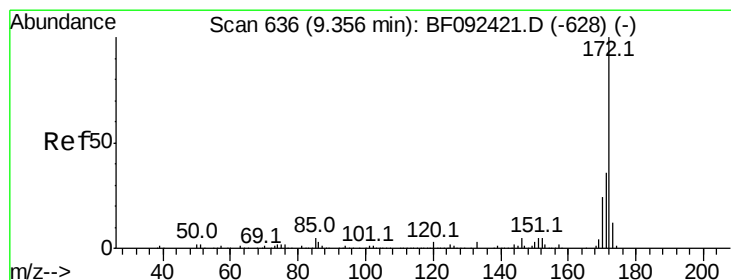
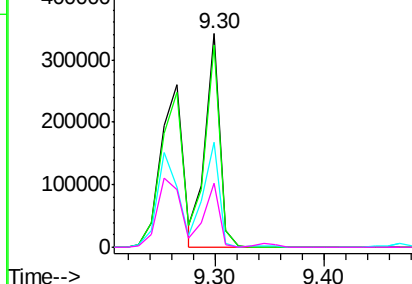
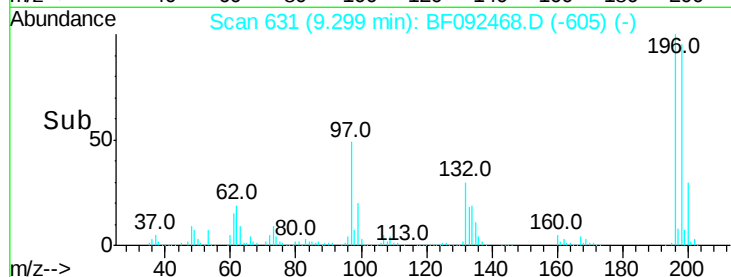
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

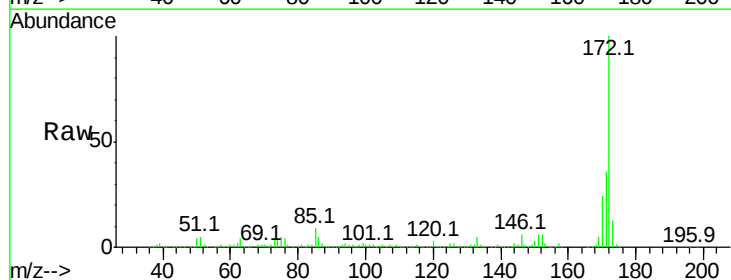
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.47 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.5	20.2	30.4

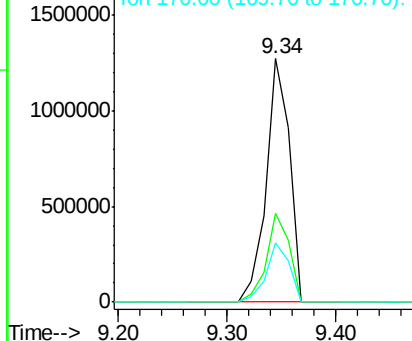
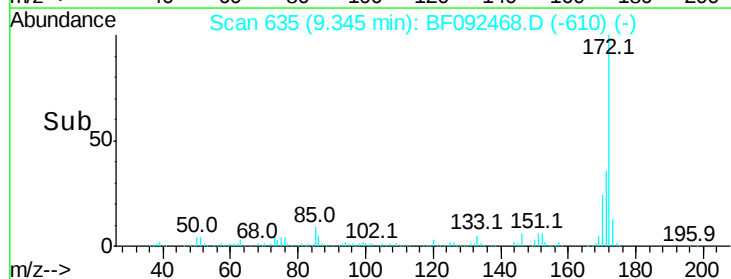


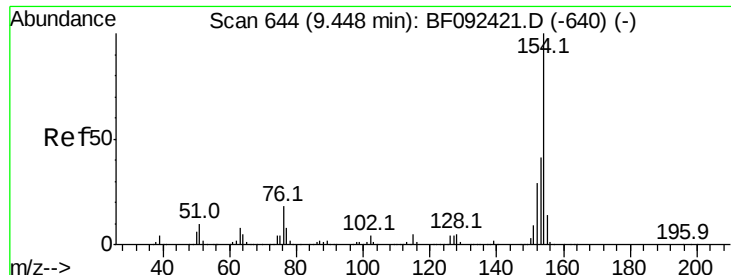
Abundance

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

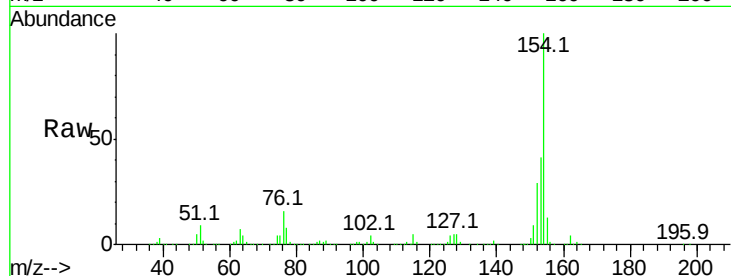




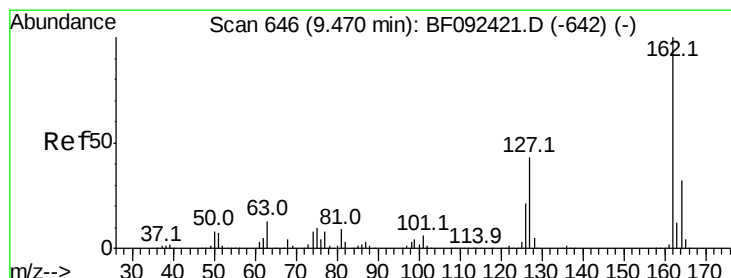
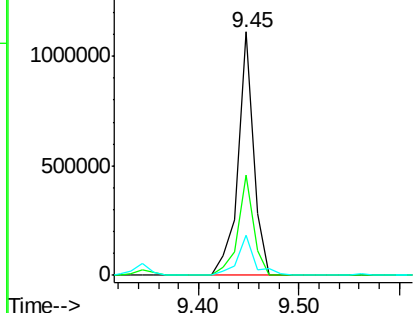
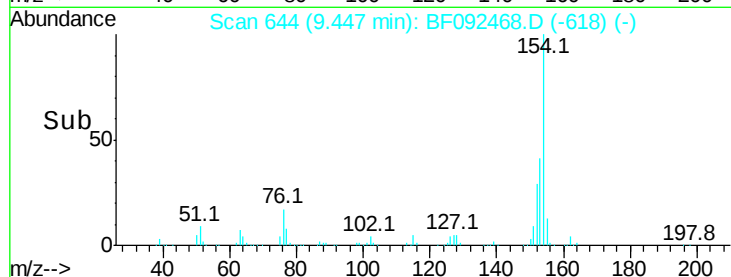
#45
 1,1'-Biphenyl
 Concen: 42.40 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Instrument :
 BNA_F
 ClientSampled :
 PB96207BS

Tot Ion:154 Resp: 1195022
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.9 60.9
 76 16.5 0.0 30.5

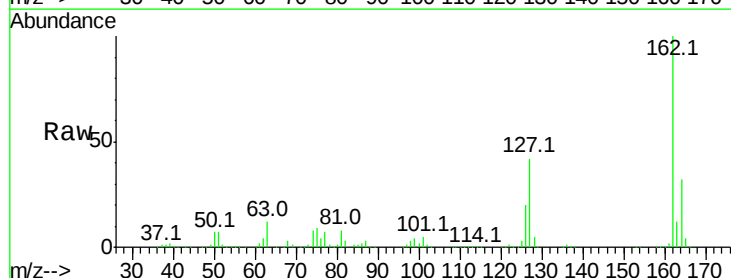


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

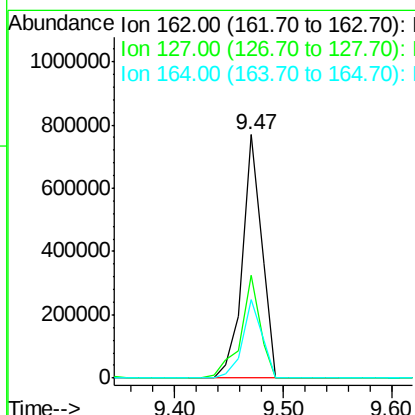
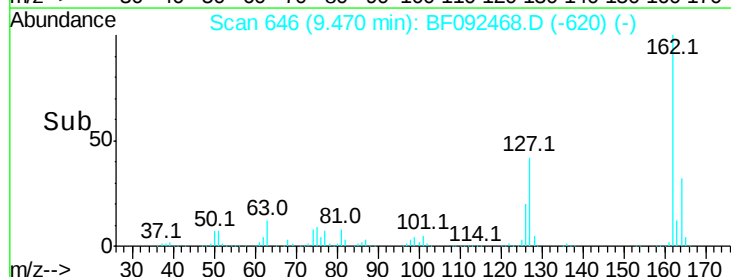


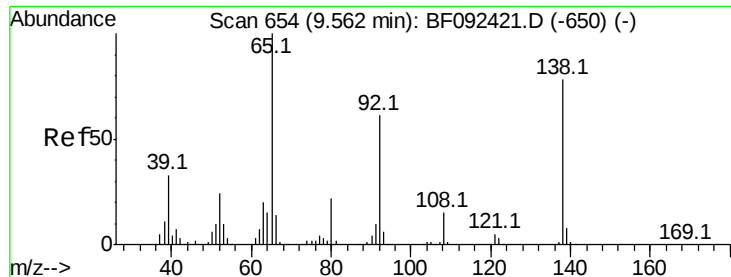
#46
 2-Chloronaphthalene
 Concen: 40.86 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion:162 Resp: 940732
 Ion Ratio Lower Upper
 162 100
 127 42.4 30.7 46.1
 164 32.4 27.6 41.4



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





#47

2-Nitroaniline

Concen: 42.57 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

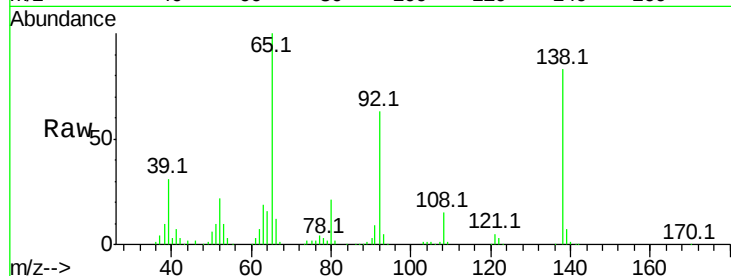
Tot Ion: 65 Resp: 330044

Ion Ratio Lower Upper

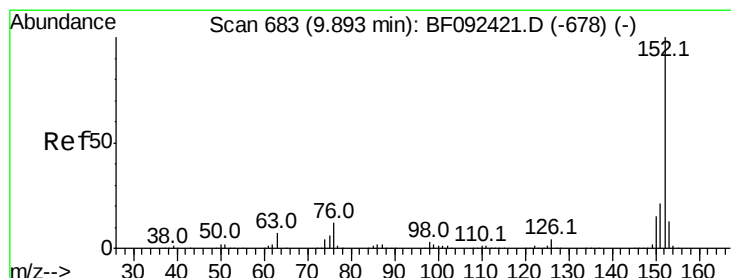
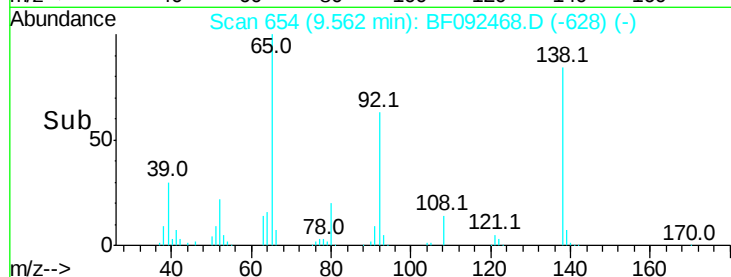
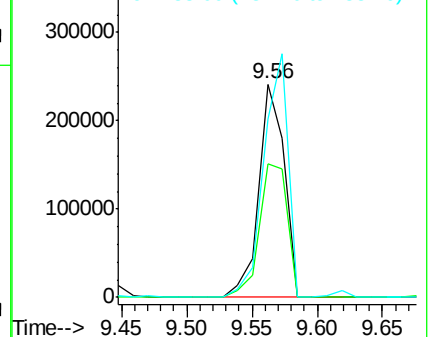
65 100

92 62.5 53.9 80.9

138 83.2 76.8 115.2



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



#48

Acenaphthylene

Concen: 45.74 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

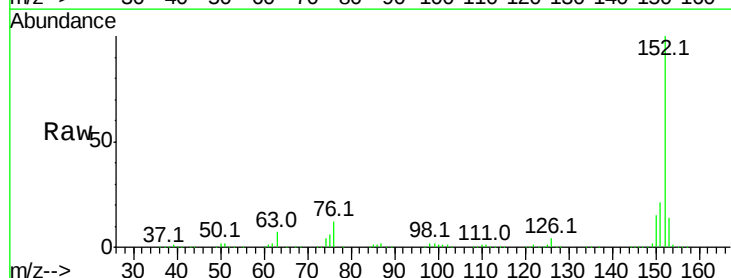
Tgt Ion:152 Resp: 1544500

Ion Ratio Lower Upper

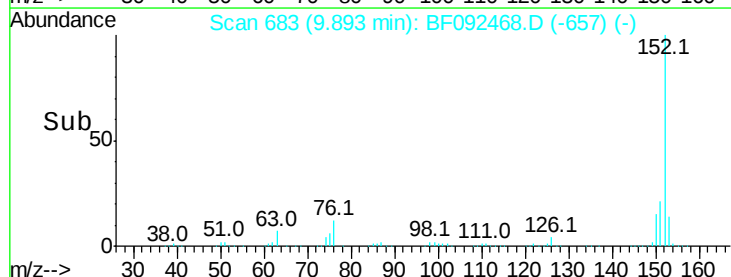
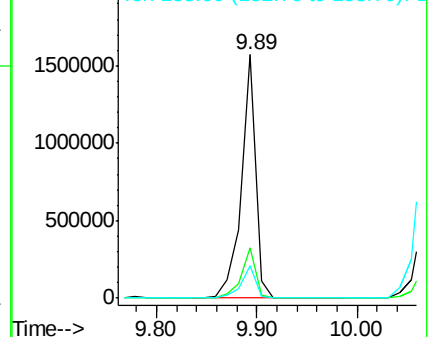
152 100

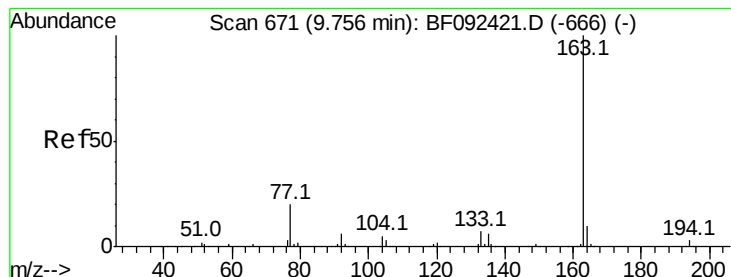
151 20.8 16.9 25.3

153 13.6 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 48.13 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

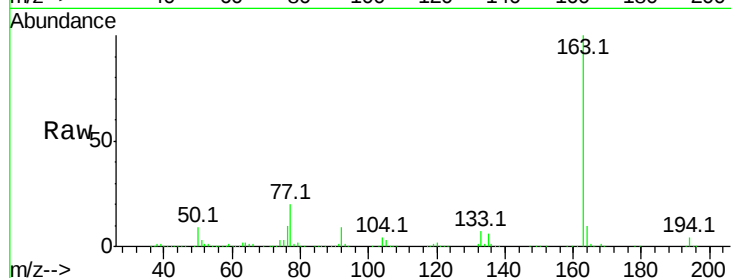
Tot Ion:163 Resp: 1193480

Ion Ratio Lower Upper

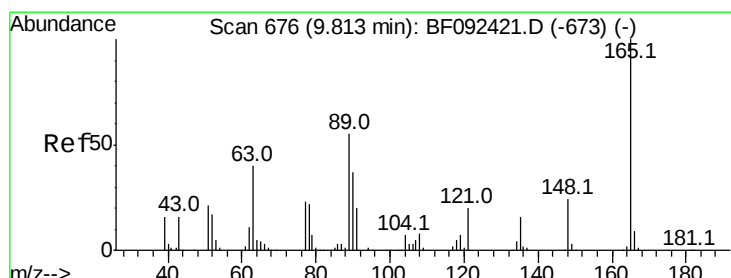
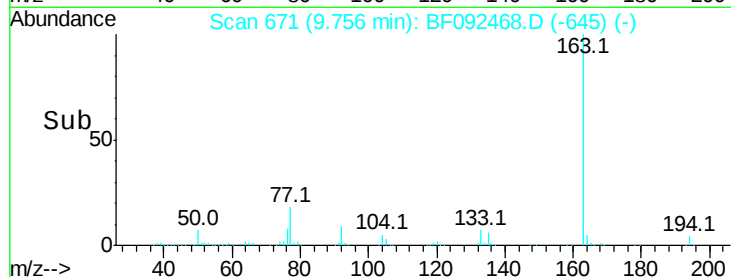
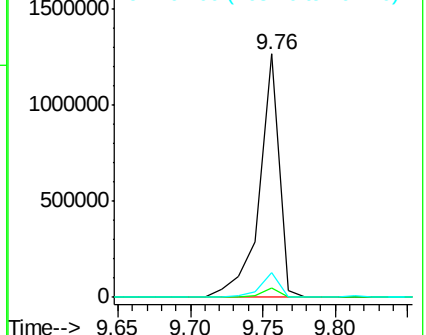
163 100

194 3.6 3.0 4.4

164 10.0 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 52.08 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

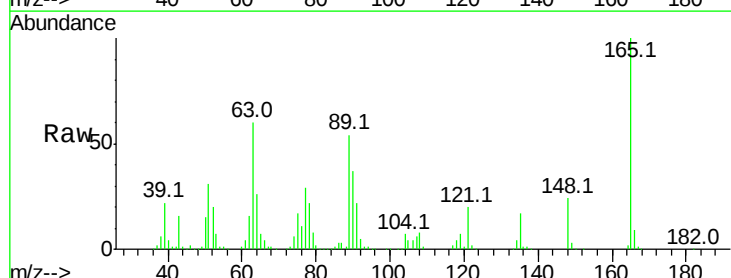
Tgt Ion:165 Resp: 263943

Ion Ratio Lower Upper

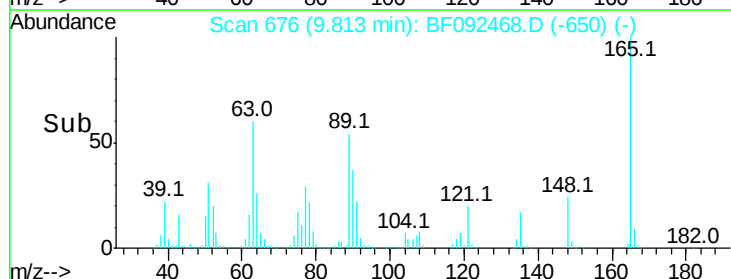
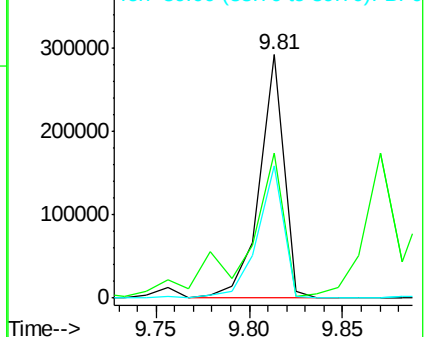
165 100

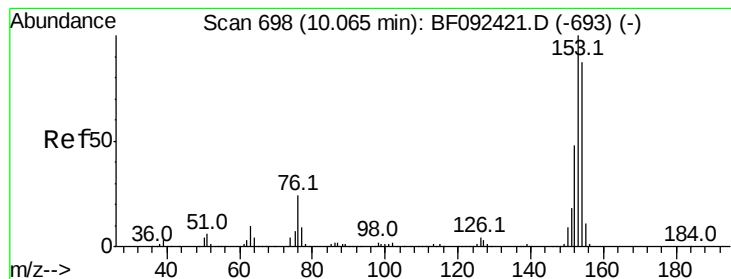
63 59.6 36.2 54.4#

89 54.4 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: 49.02 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

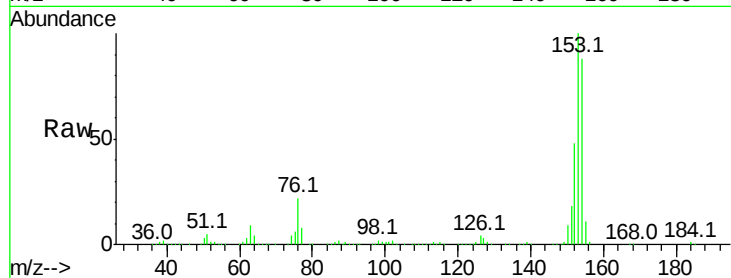
Tot Ion:154 Resp: 1028531

Ion Ratio Lower Upper

154 100

153 113.2 88.6 133.0

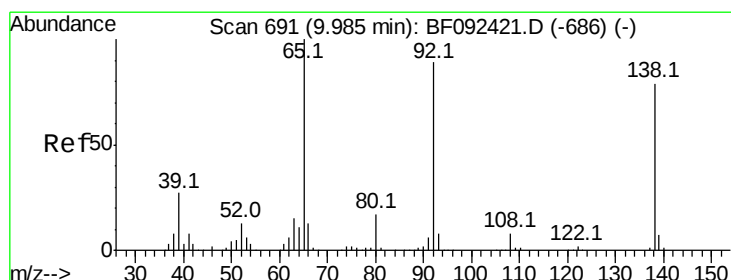
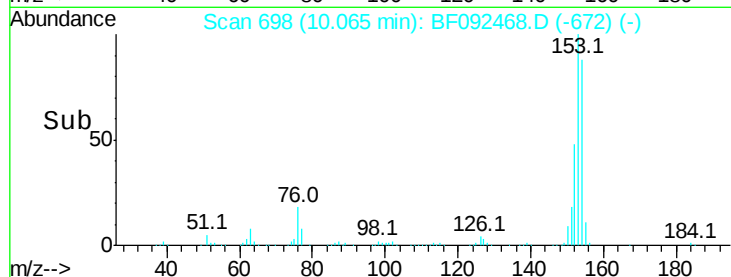
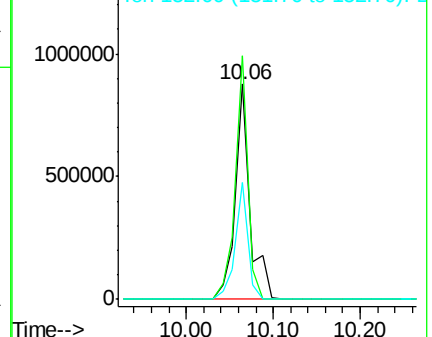
152 54.3 41.6 62.4



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: 23.36 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

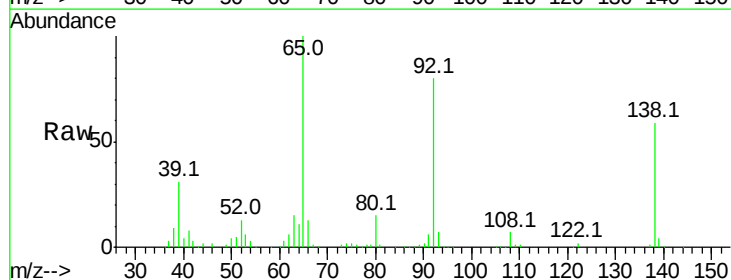
Tgt Ion:138 Resp: 148257

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

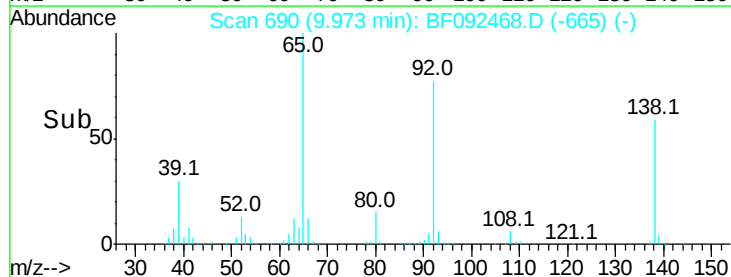
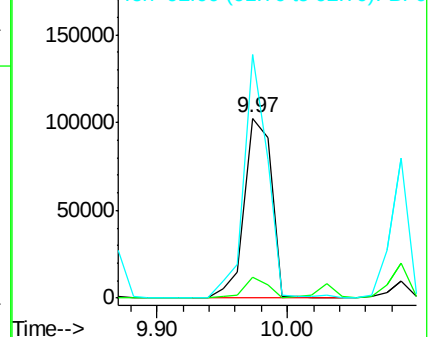
92 135.3 97.8 146.8

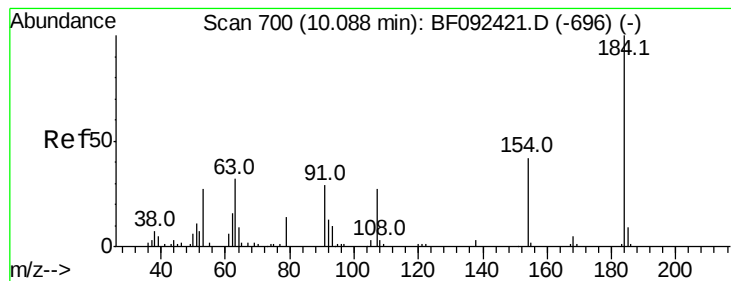


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 78.68 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

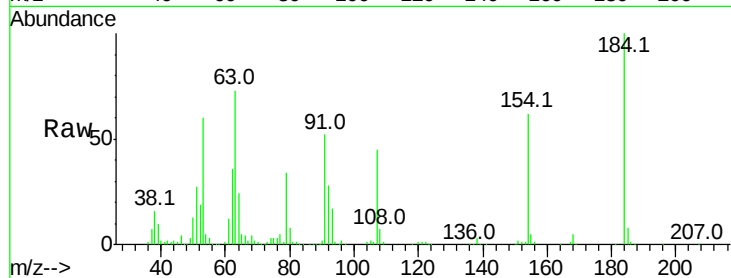
Tot Ion:184 Resp: 262378

Ion Ratio Lower Upper

184 100

63 73.3 28.4 42.6#

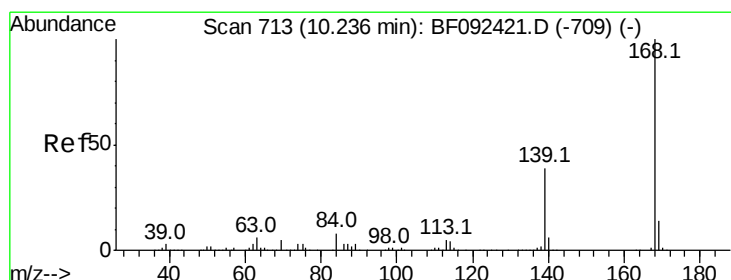
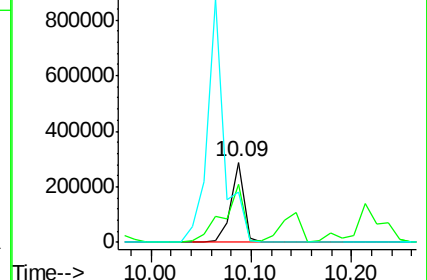
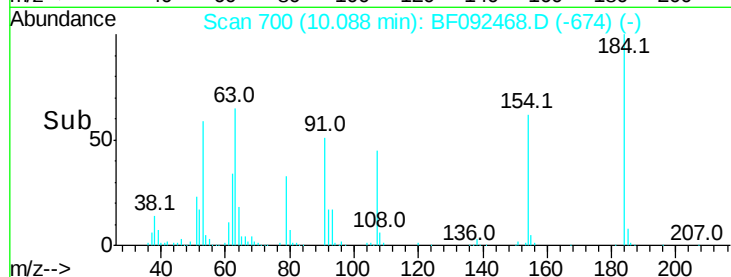
154 62.4 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.33 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

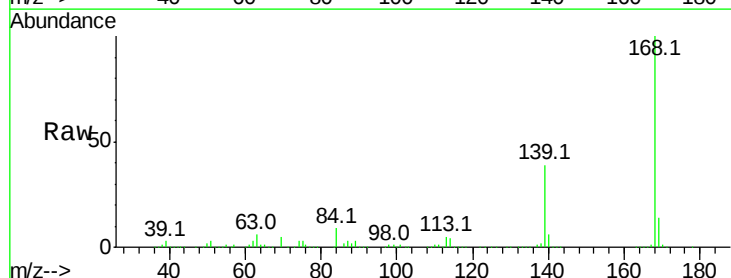
Tgt Ion:168 Resp: 1291365

Ion Ratio Lower Upper

168 100

139 38.7 32.6 49.0

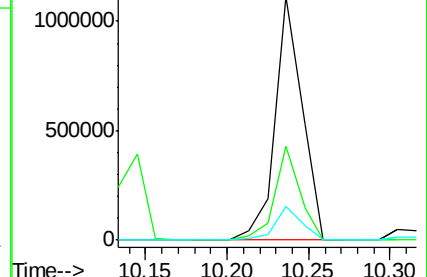
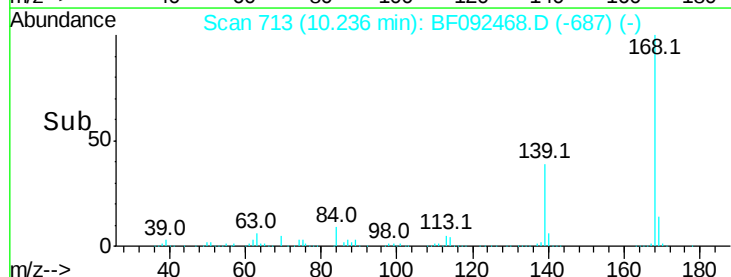
169 14.0 11.3 16.9

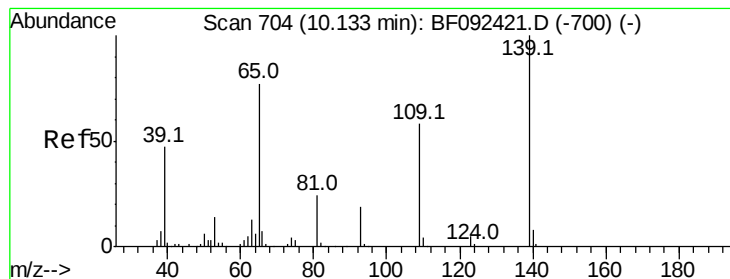


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 98.16 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

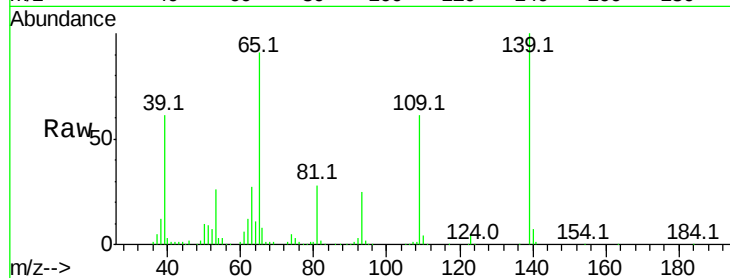
Tot Ion:139 Resp: 494809

Ion Ratio Lower Upper

139 100

109 61.1 52.2 92.2

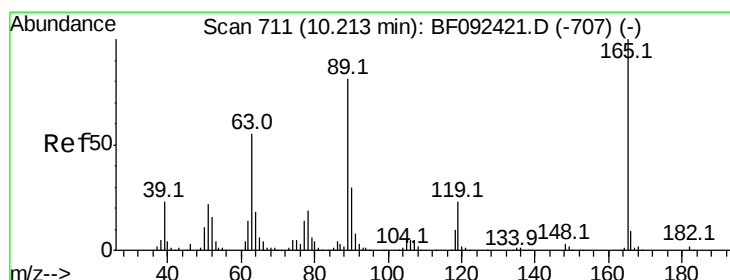
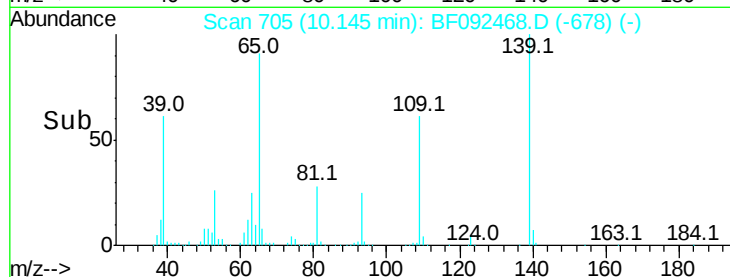
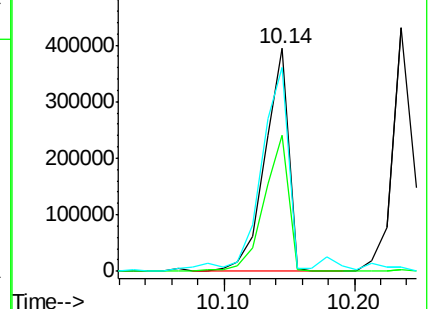
65 91.4 85.8 125.8



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: 52.74 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Tgt Ion:165 Resp: 354808

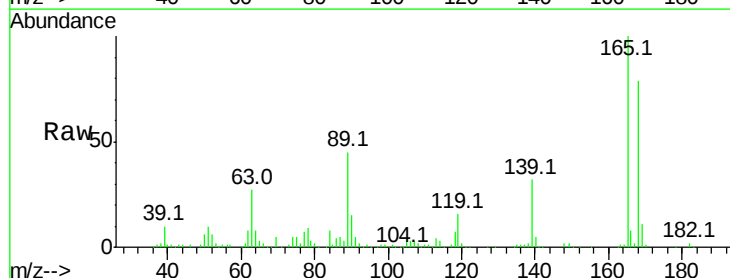
Ion Ratio Lower Upper

165 100

63 27.2 40.2 60.4#

89 44.8 62.5 93.7#

182 2.4 1.8 2.8

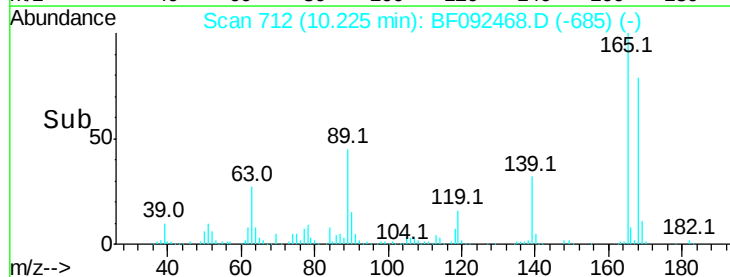
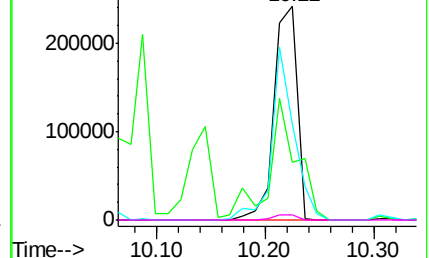


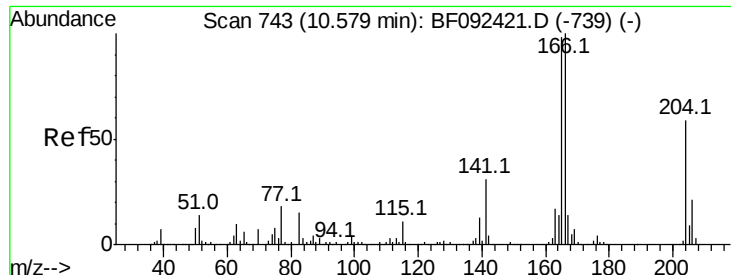
Abundance Ion 165.00 (164.70 to 165.70): E

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

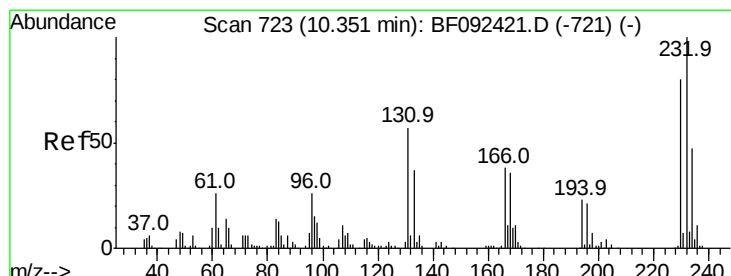
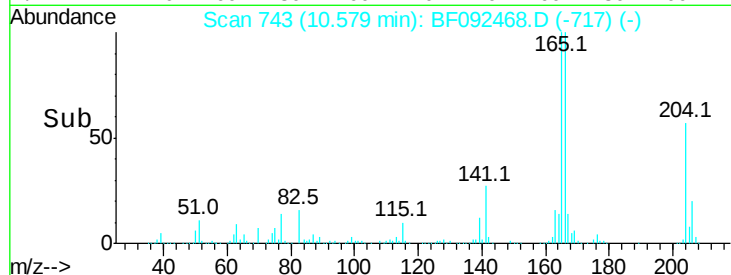
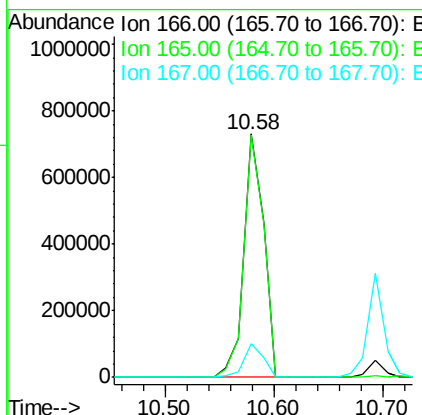
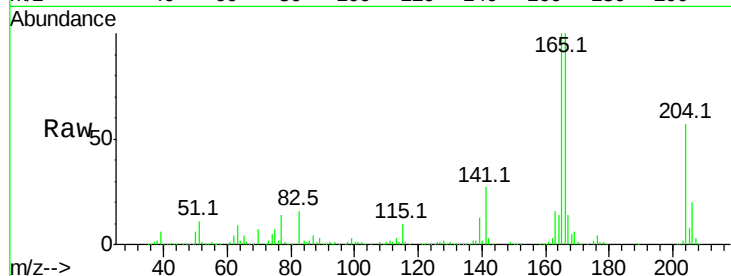




#57
Fluorene
 Concen: 43.60 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

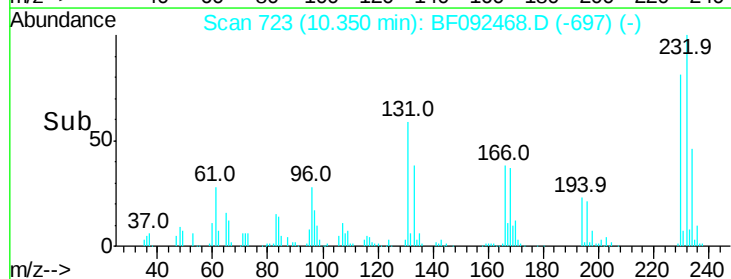
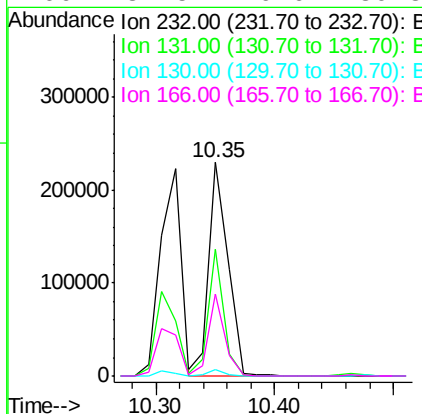
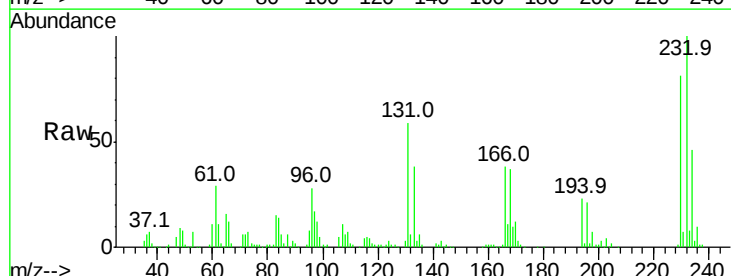
Instrument :
 BNA_F
 ClientSampleId :
 PB96207BS

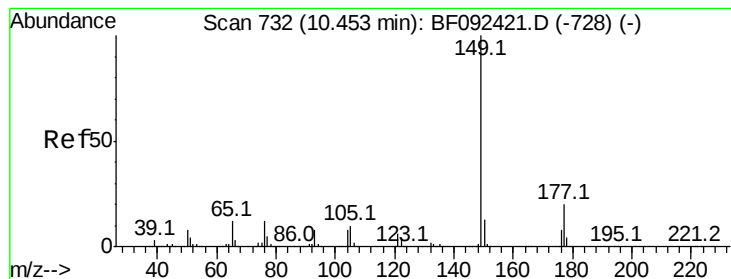
Tot Ion:	166	Resp:	921150
Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.8	116.8
167	13.8	10.8	16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.01 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion:	232	Resp:	258336
Ion	Ratio	Lower	Upper
232	100		
131	47.6	40.1	60.1
130	2.4	1.8	2.8
166	32.5	26.6	39.8





#59

Diethylphthalate

Concen: 47.80 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleID :

PB96207BS

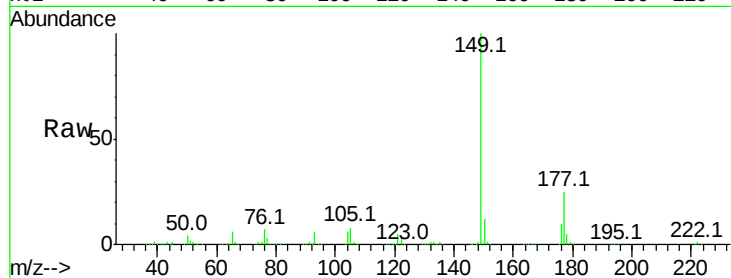
Tot Ion:149 Resp: 1136405

Ion Ratio Lower Upper

149 100

177 25.1 16.6 25.0#

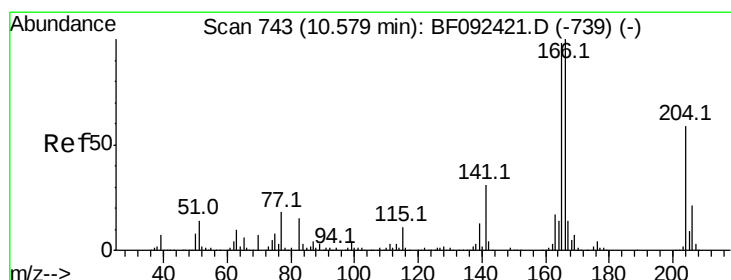
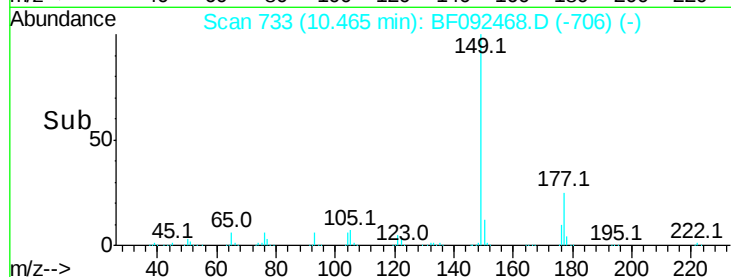
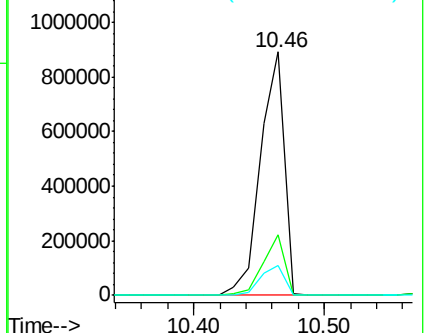
150 12.4 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.64 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

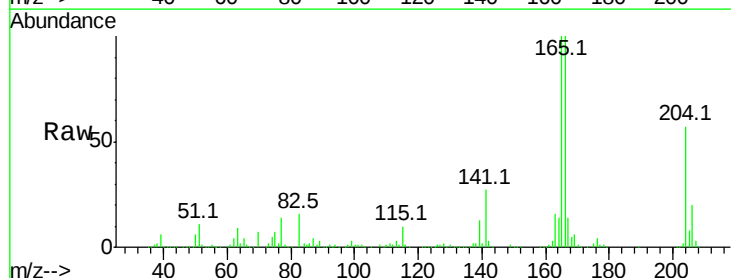
Tgt Ion:204 Resp: 467578

Ion Ratio Lower Upper

204 100

206 34.3 25.8 38.6

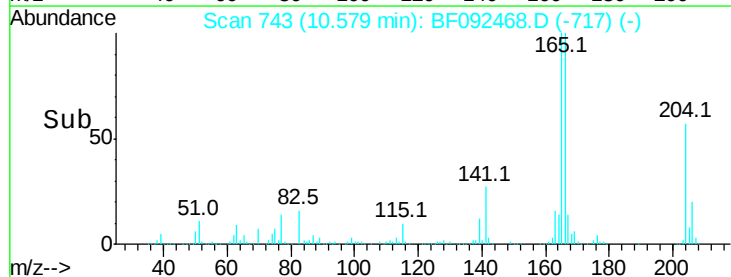
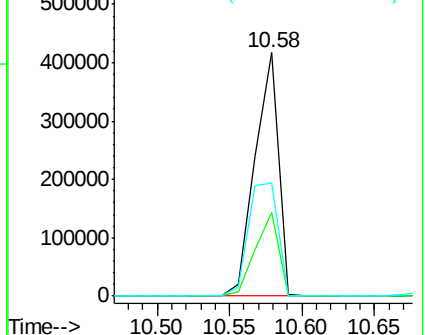
141 46.5 59.4 89.0#

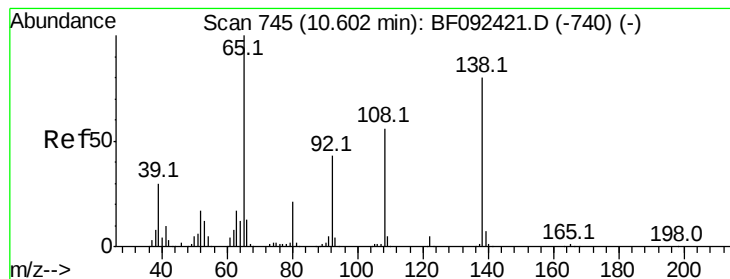


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.34 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

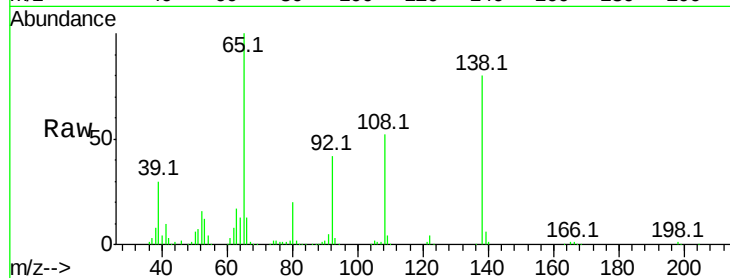
Tot Ion:138 Resp: 262451

Ion Ratio Lower Upper

138 100

92 52.7 31.7 71.7

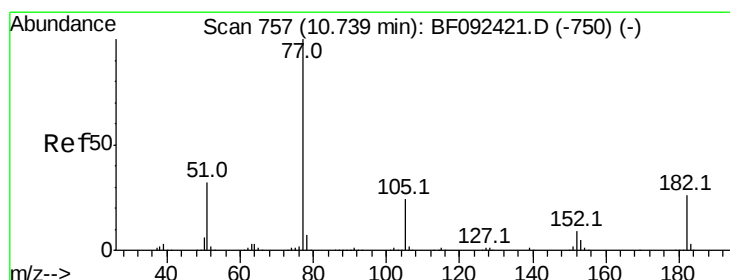
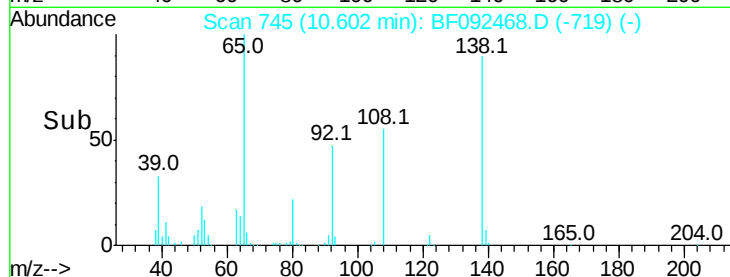
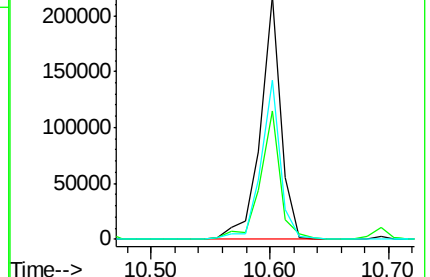
108 65.3 52.6 92.6



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: 49.85 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Tgt Ion: 77 Resp: 1348852

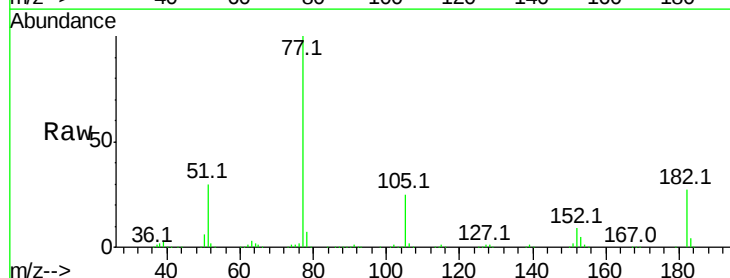
Ion Ratio Lower Upper

77 100

182 26.7 0.0 39.3

105 24.7 2.3 42.3

51 30.1 8.9 48.9

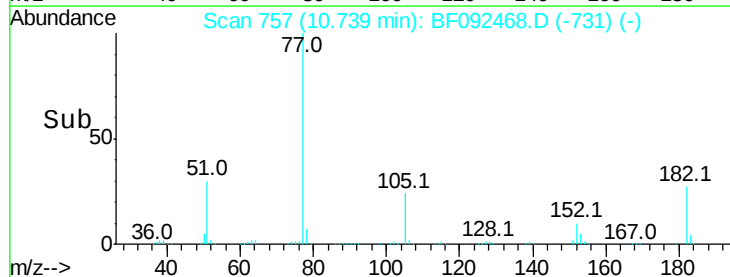
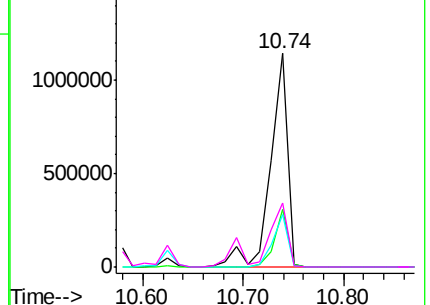


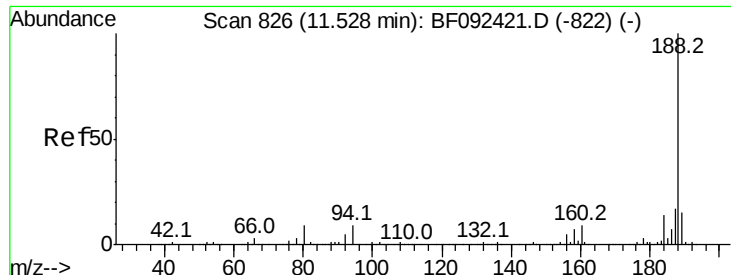
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

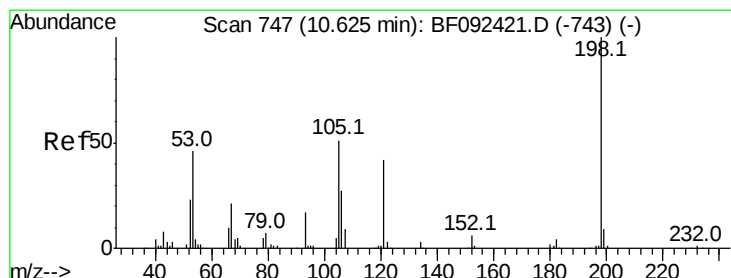
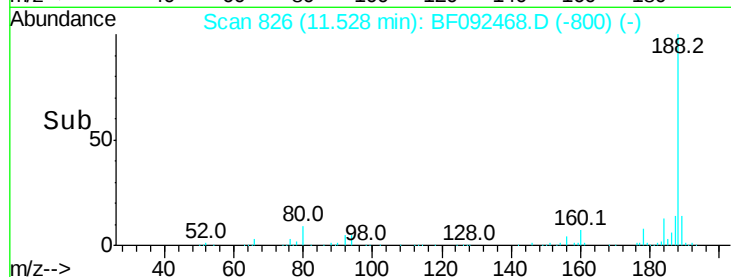
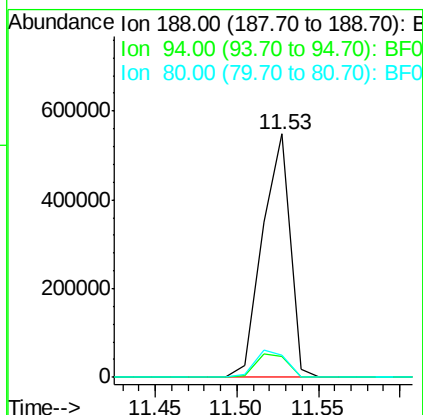
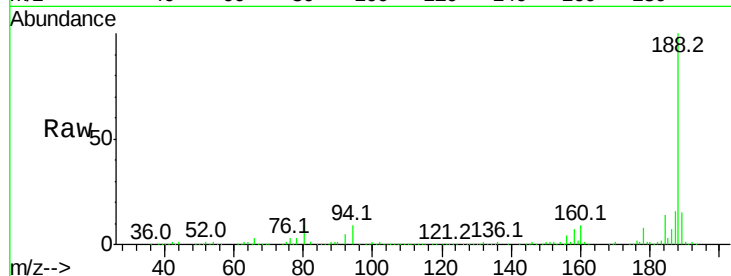




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

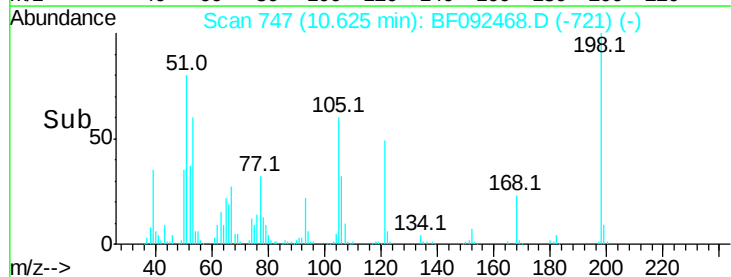
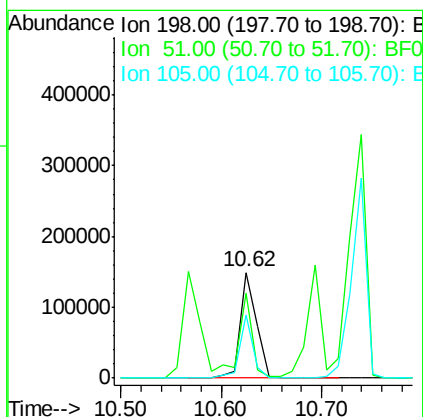
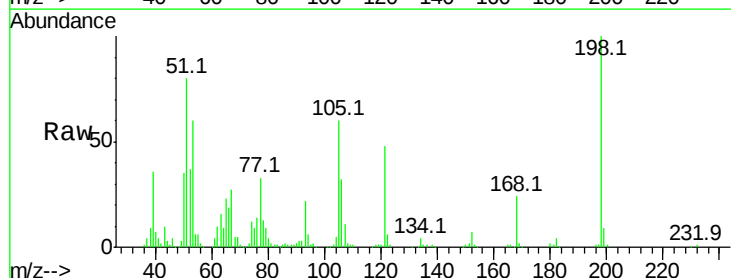
Instrument :
 BNA_F
 ClientSampleId :
 PB96207BS

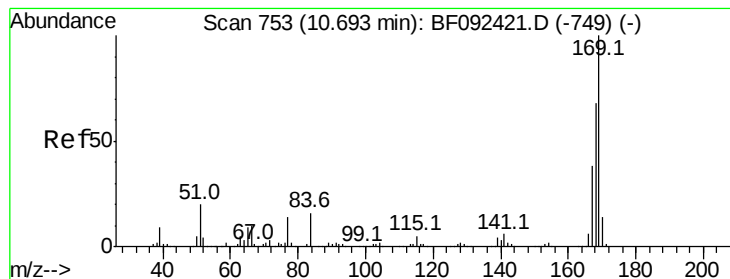
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.0	15.0#
80	9.0	11.2	16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.24 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF092468.D
 Acq: 25 Jan 2017 11:26

Tgt Ion	Ratio	Lower	Upper
198	100		
51	80.3	6.7	46.7#
105	60.2	16.6	56.6#





#65

n-Nitrosodiphenylamine

Concen: 41.63 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

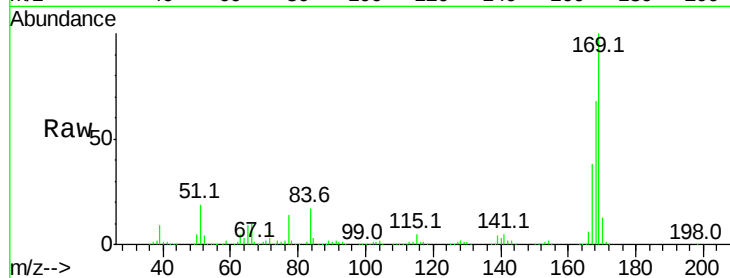
Tot Ion:169 Resp: 843165

Ion Ratio Lower Upper

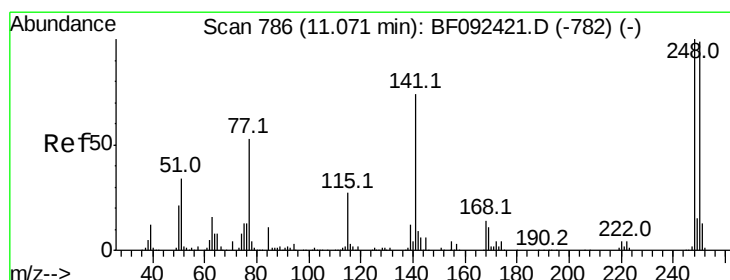
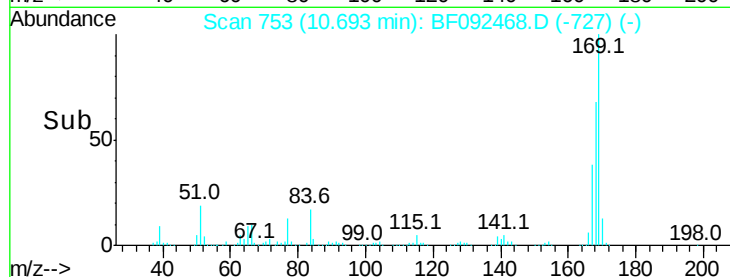
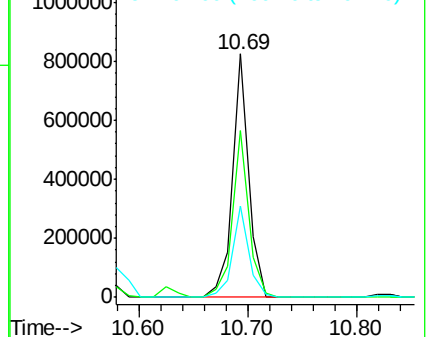
169 100

168 68.3 54.2 81.2

167 37.7 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: 46.37 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

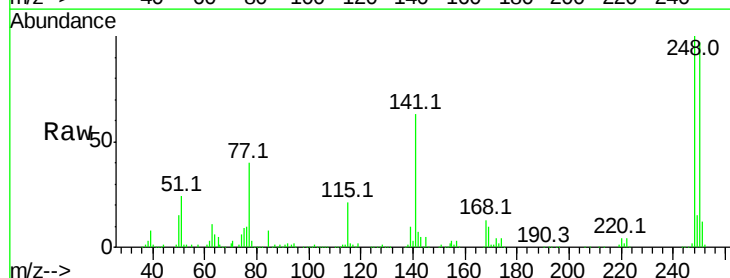
Tgt Ion:248 Resp: 303590

Ion Ratio Lower Upper

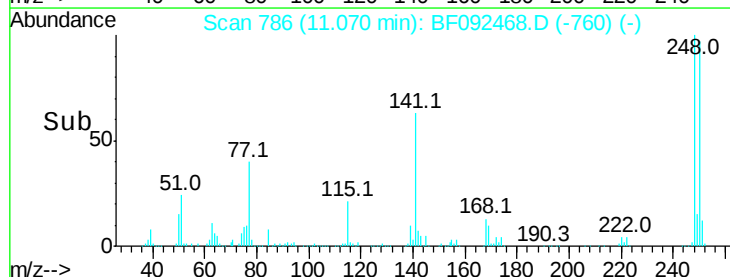
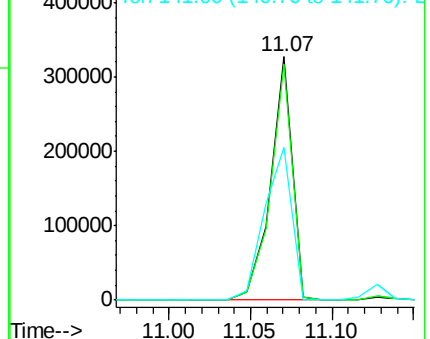
248 100

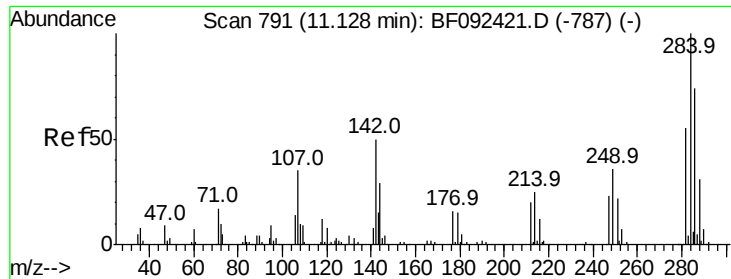
250 96.9 76.9 115.3

141 62.6 68.2 102.4#



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

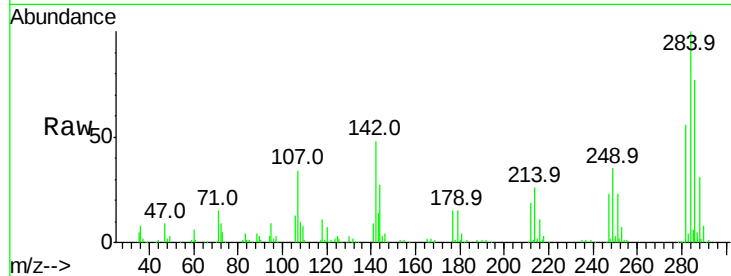




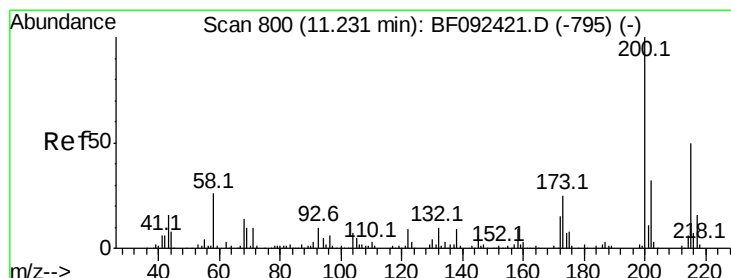
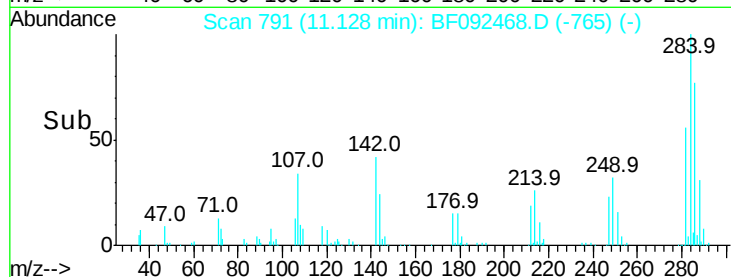
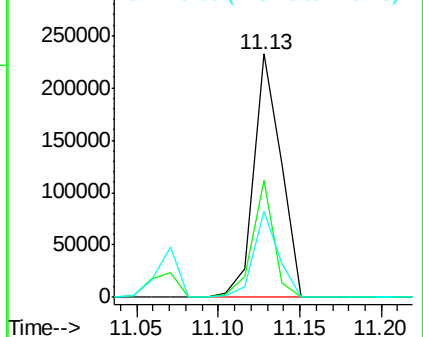
#67
Hexachlorobenzene
Concen: 40.59 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampleId :
PB96207BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	48.2	22.6	33.8#
249	35.4	25.4	38.0

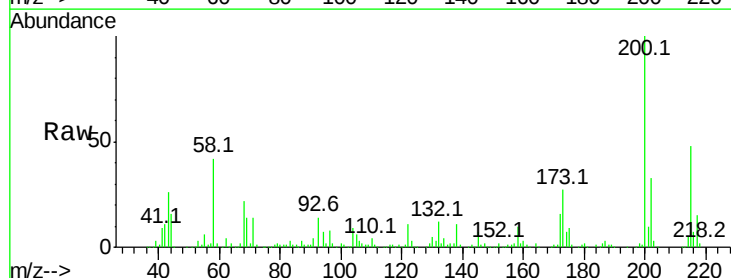


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

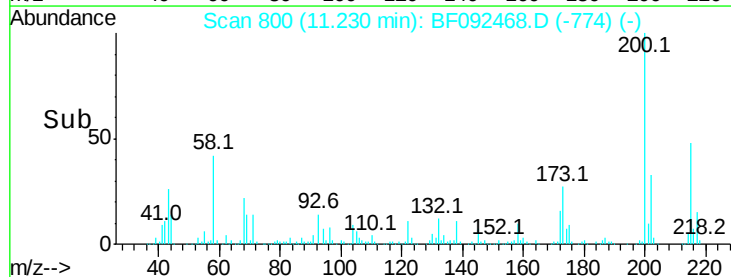
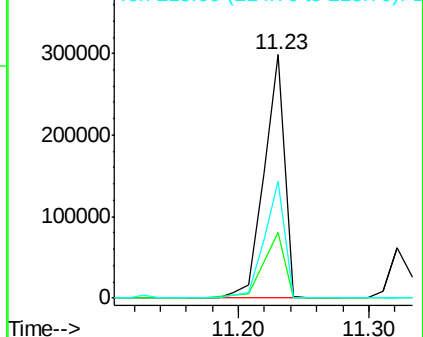


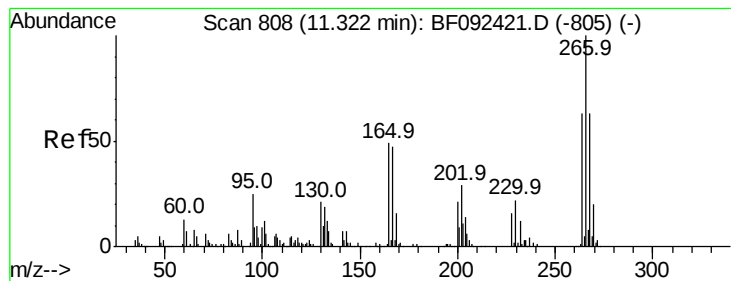
#68
Atrazine
Concen: 47.28 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	9.6	49.6
215	48.0	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: 79.82 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

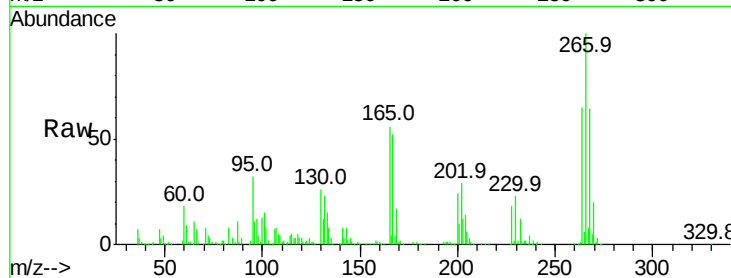
Tot Ion:266 Resp: 337786

Ion Ratio Lower Upper

266 100

268 64.2 53.3 79.9

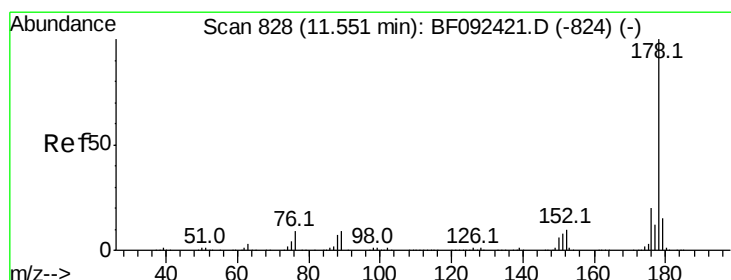
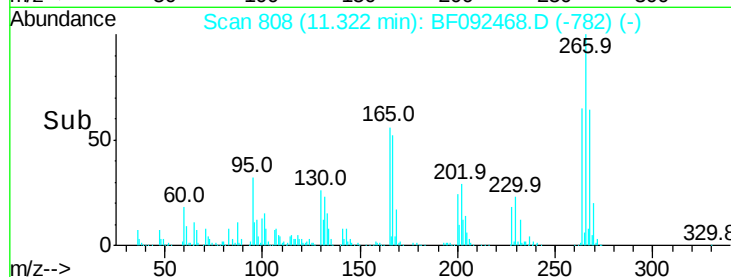
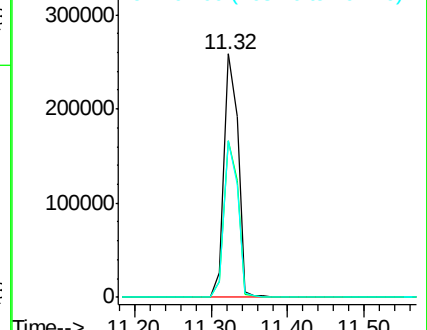
264 64.6 50.3 75.5



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: 42.51 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

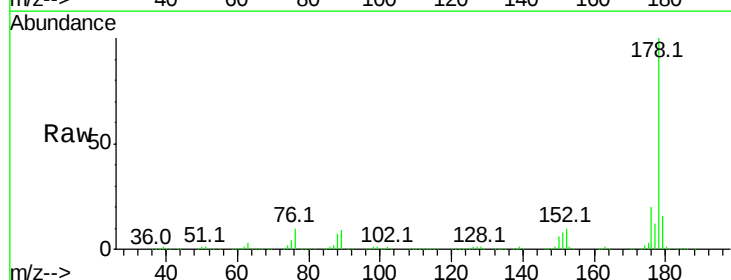
Tgt Ion:178 Resp: 1518177

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

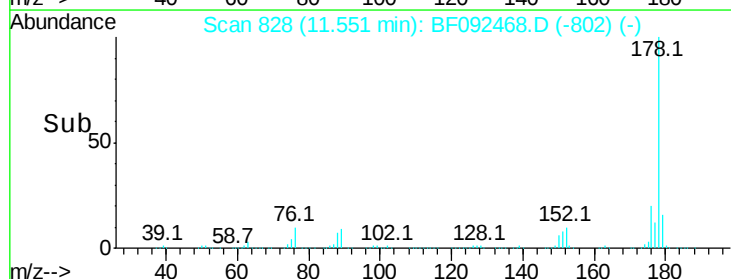
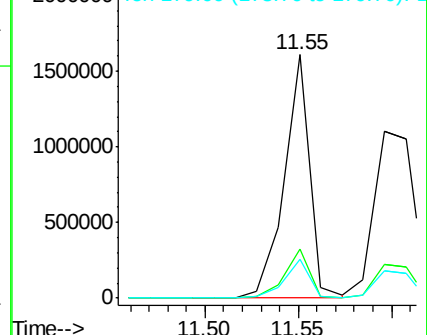
179 15.8 12.8 19.2

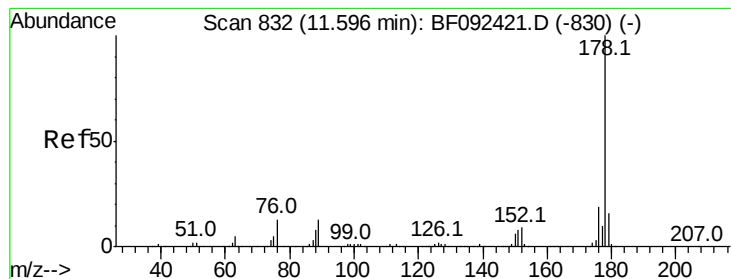


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.17 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

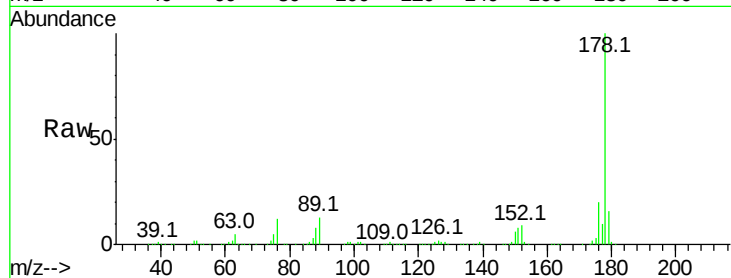
Tot Ion:178 Resp: 1576643

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

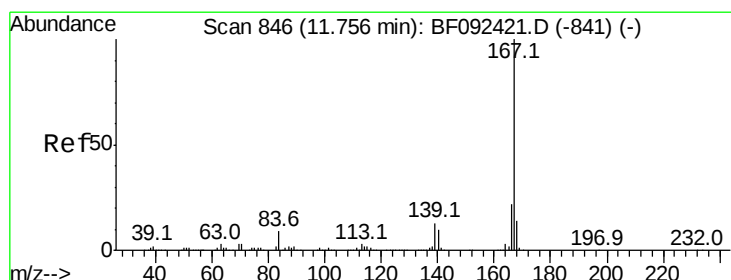
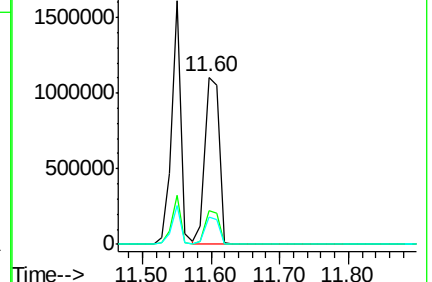
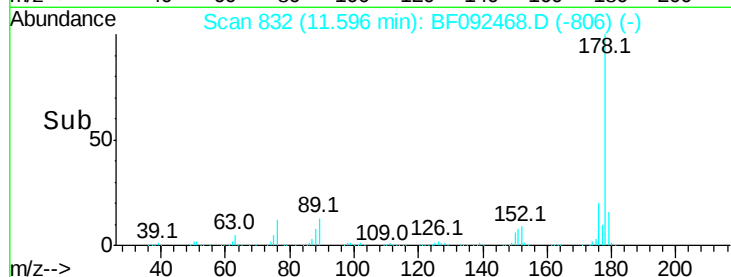
179 16.2 13.2 19.8



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: 44.69 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

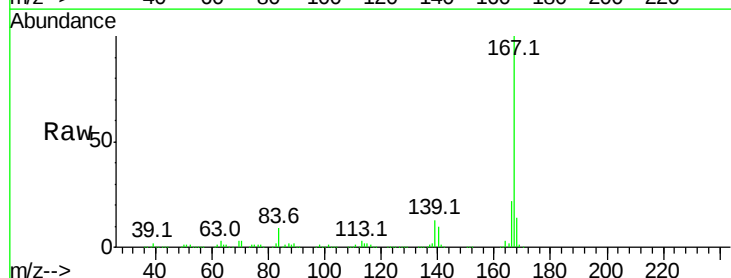
Tgt Ion:167 Resp: 1489259

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

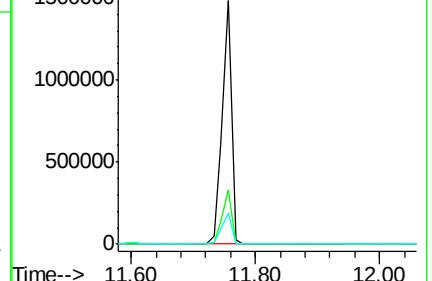
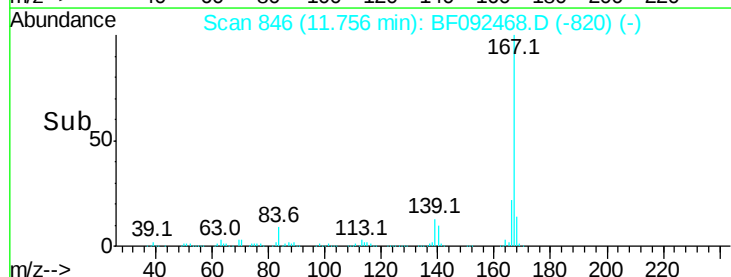
139 13.0 11.4 17.2

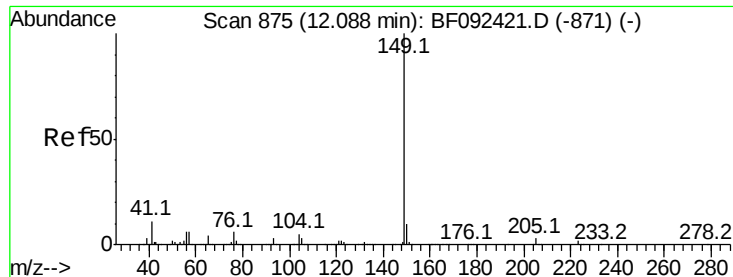


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.66 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

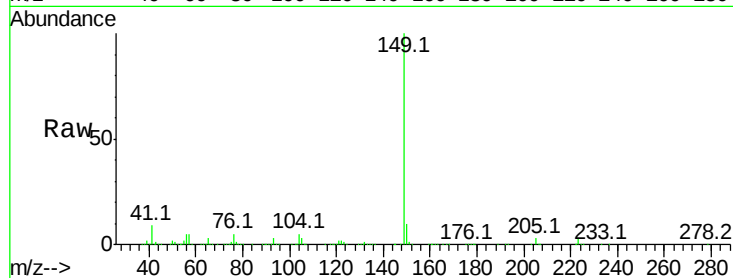
Tot Ion:149 Resp: 1663531

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

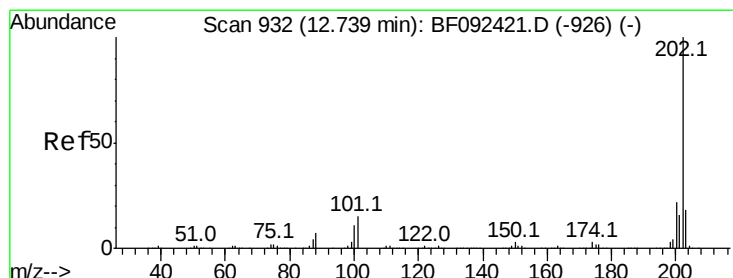
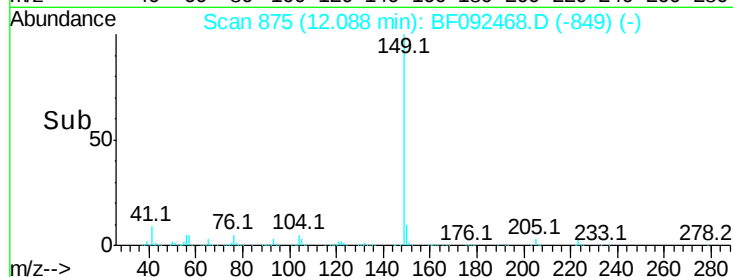
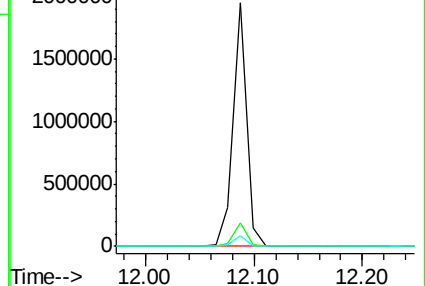
104 4.6 4.6 7.0#



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: 46.18 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

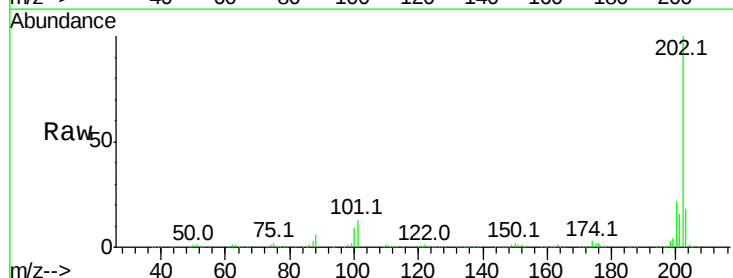
Tgt Ion:202 Resp: 1613108

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.6

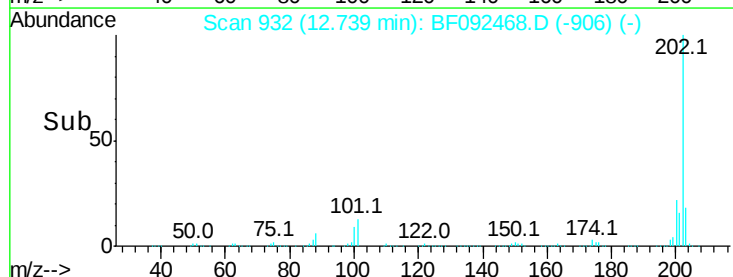
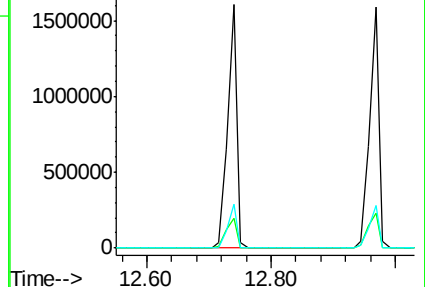
203 17.9 0.0 38.7

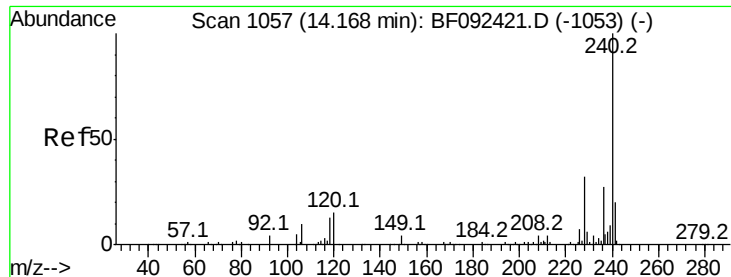


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

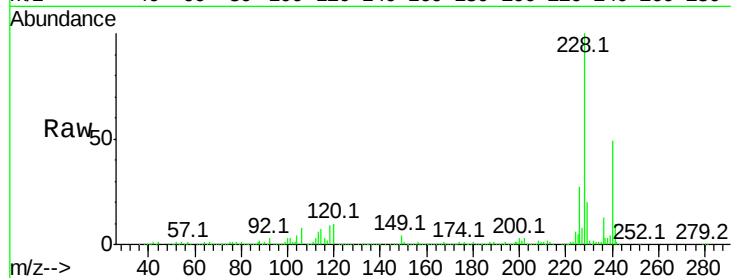
Tot Ion:240 Resp: 477103

Ion Ratio Lower Upper

240 100

120 21.3 12.9 19.3#

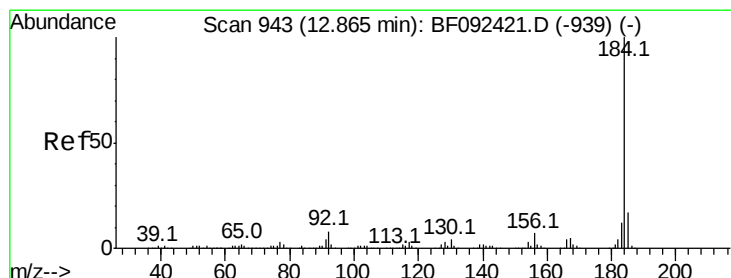
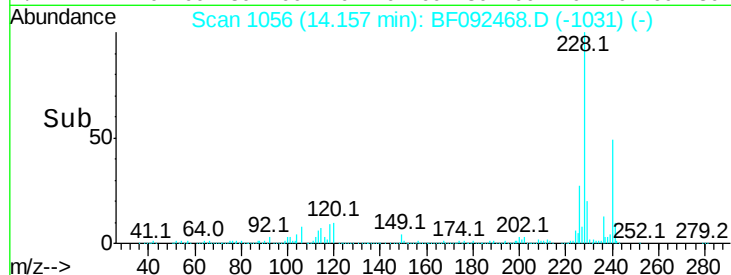
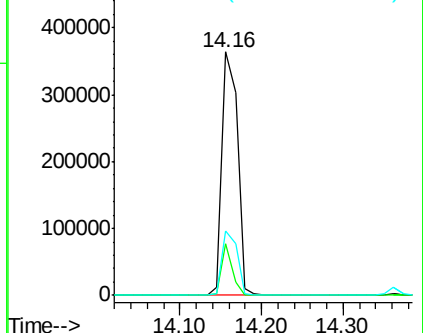
236 26.3 20.9 31.3



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: 29.82 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

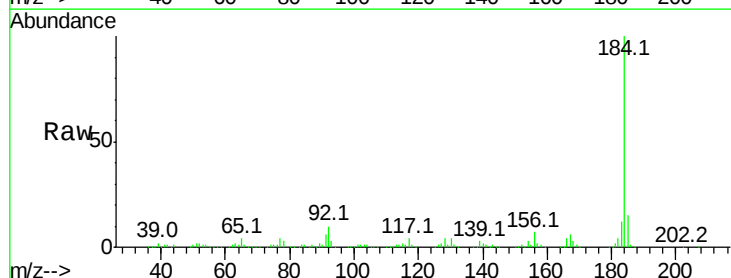
Tgt Ion:184 Resp: 528181

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.0

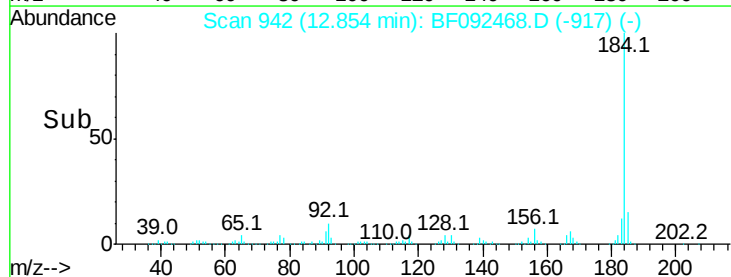
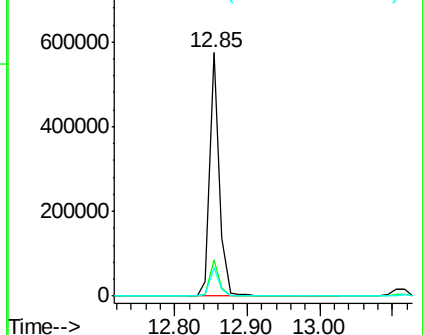
183 12.0 9.2 13.8

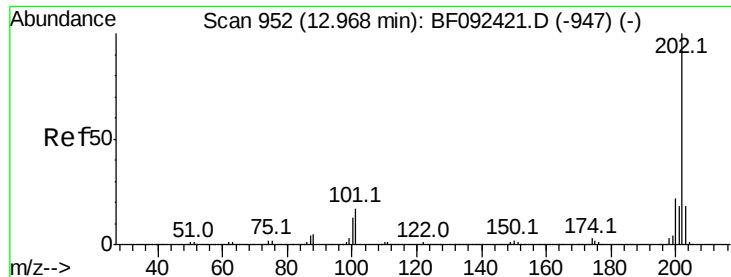


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.95 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

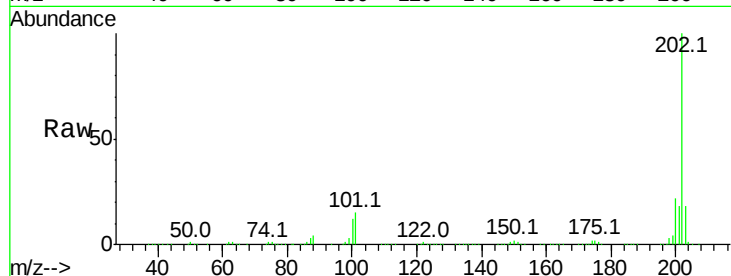
Tot Ion:202 Resp: 1622910

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

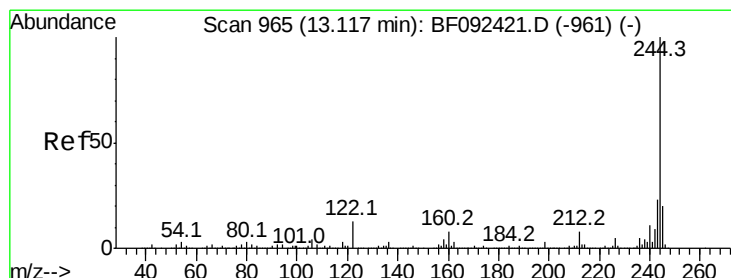
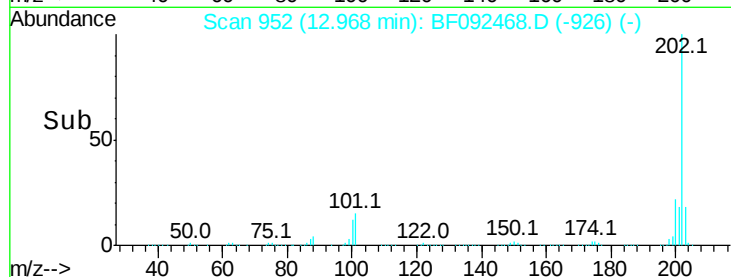
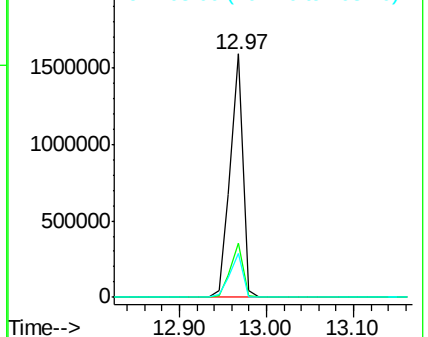
203 17.8 14.7 22.1



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: 100.18 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

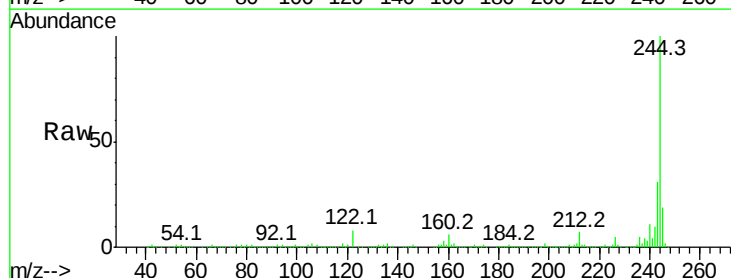
Tgt Ion:244 Resp: 1794860

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

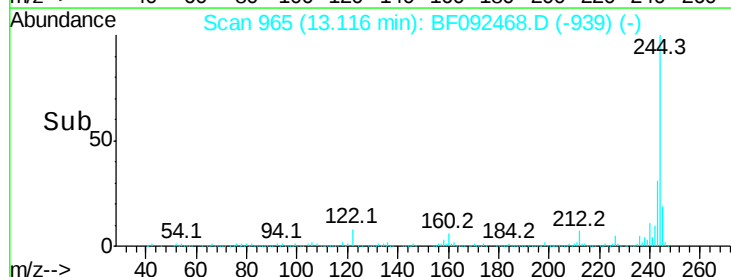
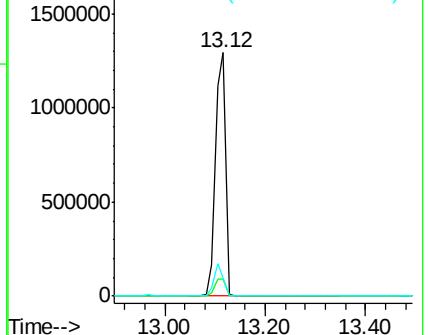
122 7.7 11.4 17.2#

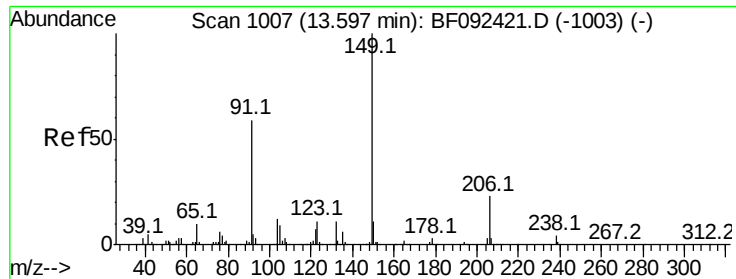


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

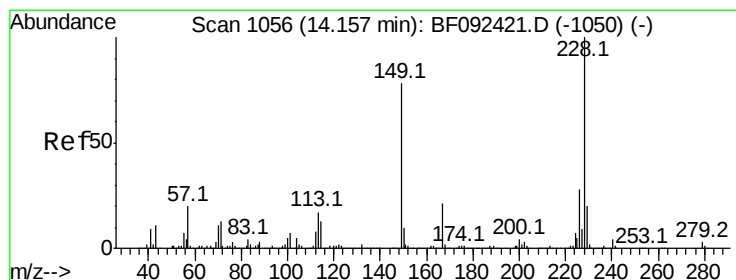
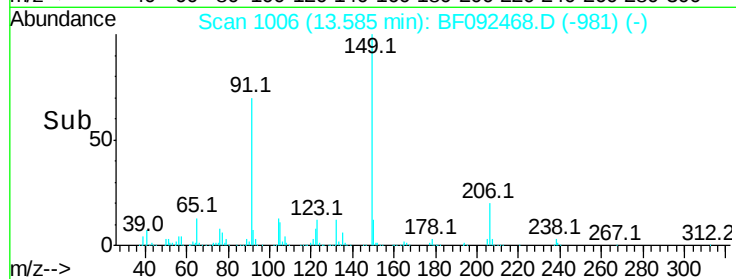
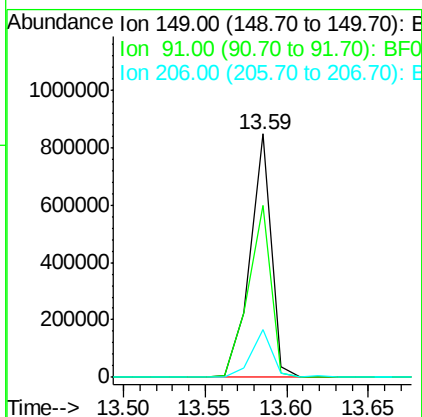
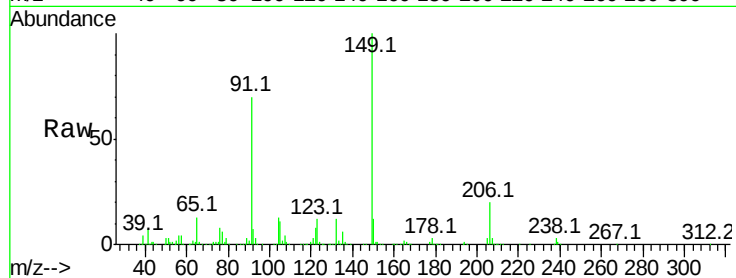




#79
Butylbenzylphthalate
Concen: 54.84 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

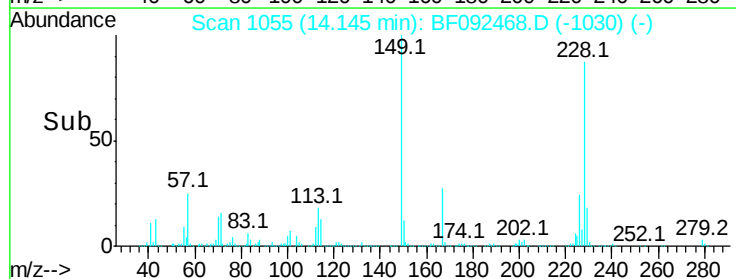
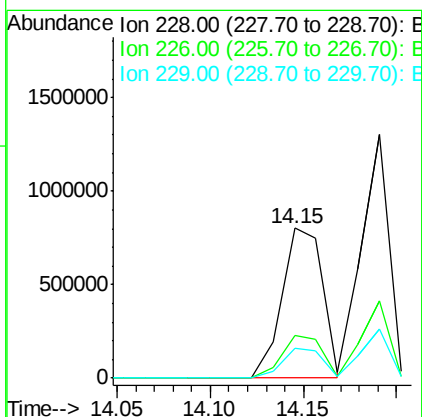
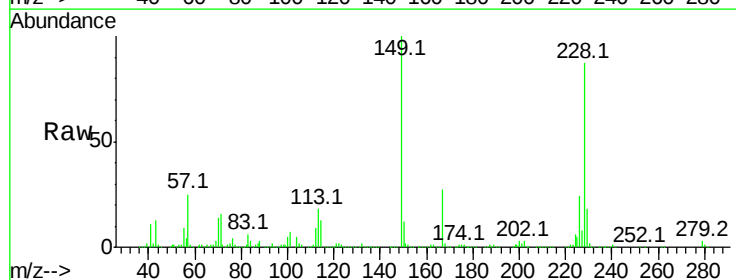
Instrument :
BNA_F
ClientSampleId :
PB96207BS

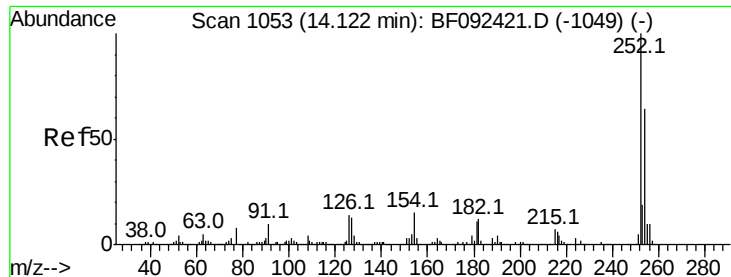
Tot Ion:149 Resp: 767997
Ion Ratio Lower Upper
149 100
91 70.5 63.9 95.9
206 19.7 14.6 21.8



#80
Benzo(a)anthracene
Concen: 47.60 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion:228 Resp: 1220392
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 20.3 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 24.92 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

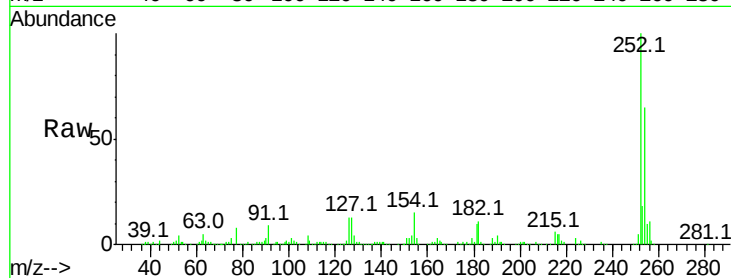
Tot Ion:252 Resp: 242600

Ion Ratio Lower Upper

252 100

254 64.8 52.3 78.5

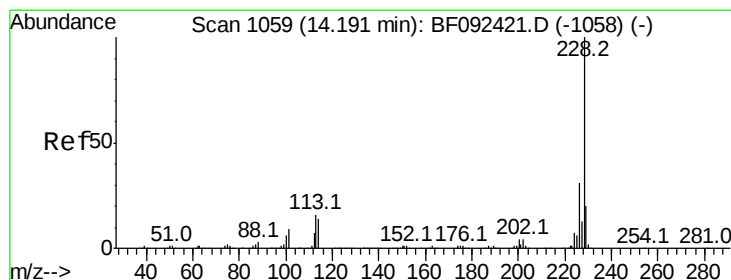
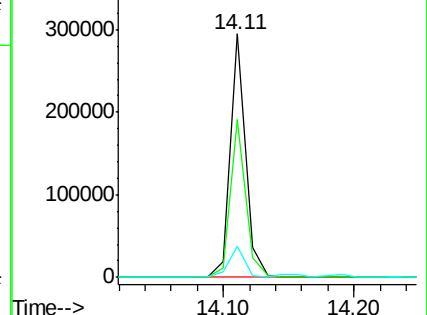
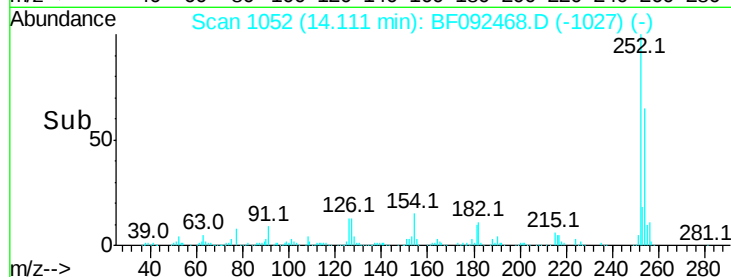
126 13.0 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 48.72 ng

RT: 14.19 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

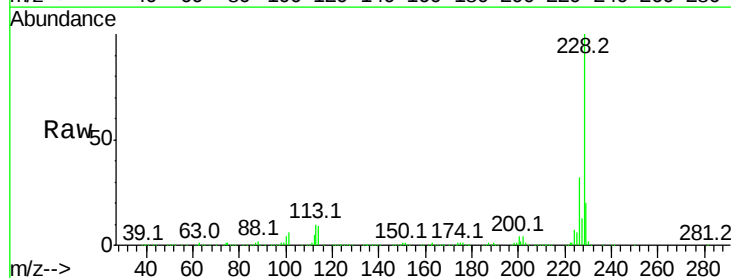
Tgt Ion:228 Resp: 1334247

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

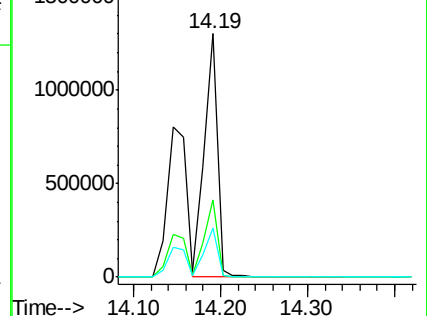
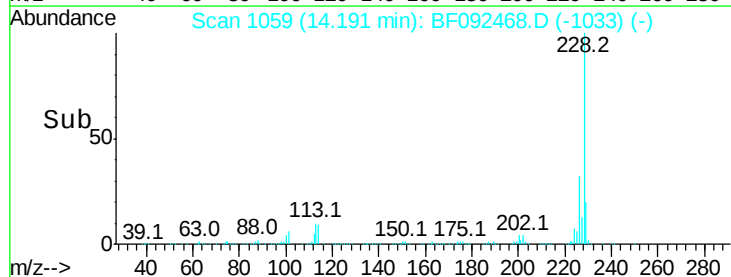
229 20.0 16.2 24.2

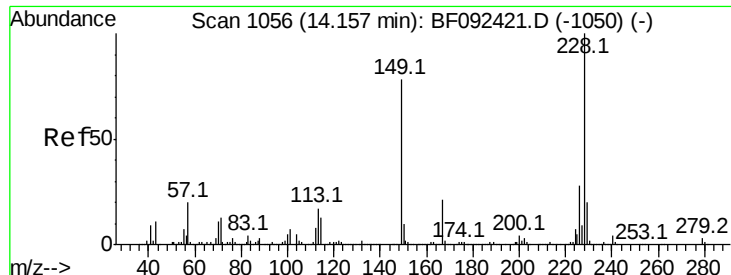


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.36 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

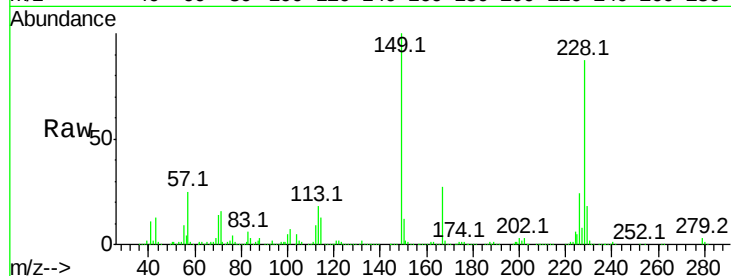
Tot Ion:149 Resp: 941061

Ion Ratio Lower Upper

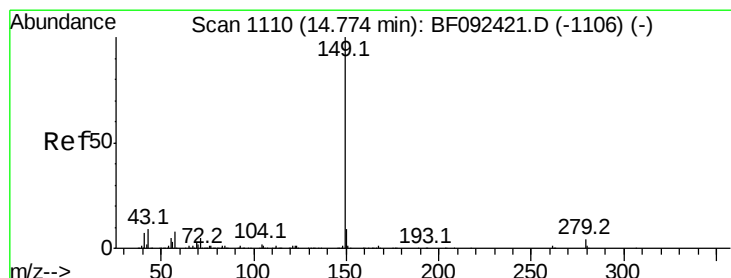
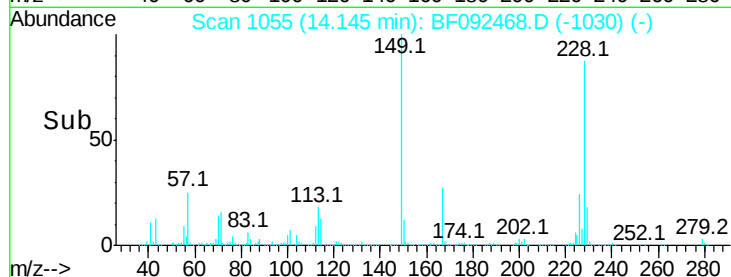
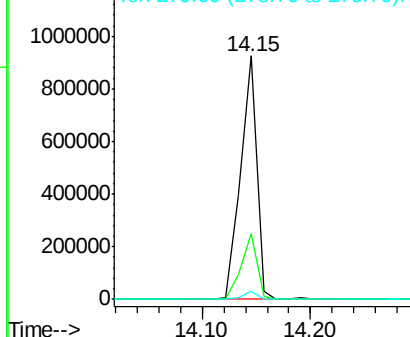
149 100

167 27.0 20.2 30.4

279 3.4 1.8 2.8#



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



#84

Di-n-octyl phthalate

Concen: 56.41 ng

RT: 14.76 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

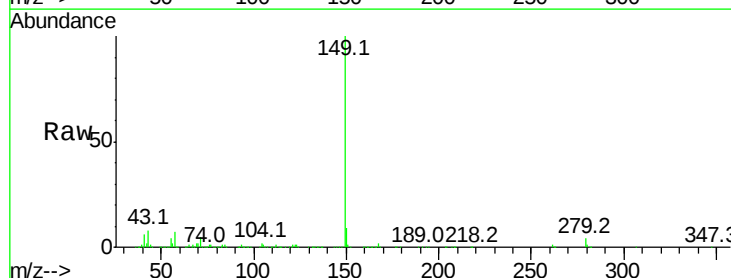
Tgt Ion:149 Resp: 1806069

Ion Ratio Lower Upper

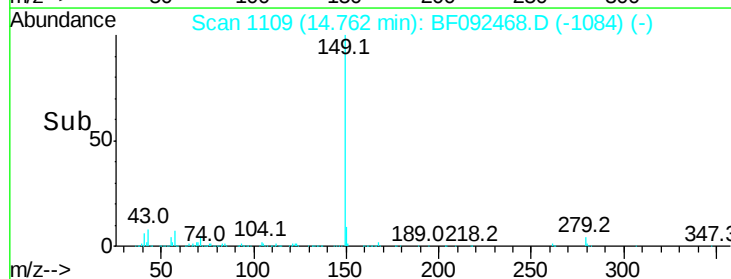
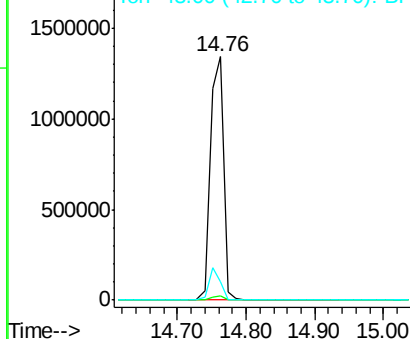
149 100

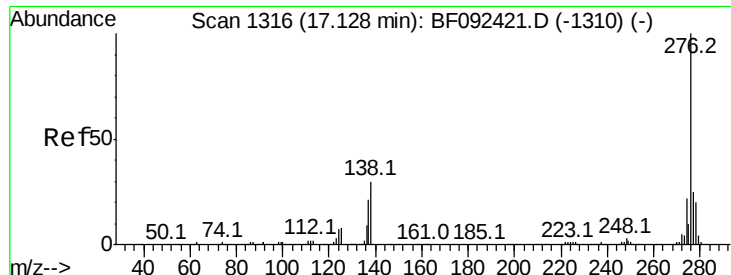
167 1.5 1.3 1.9

43 11.7 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

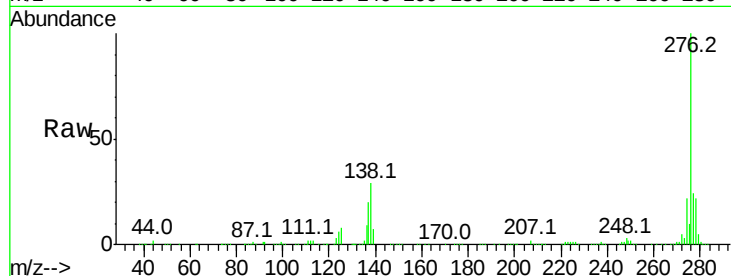




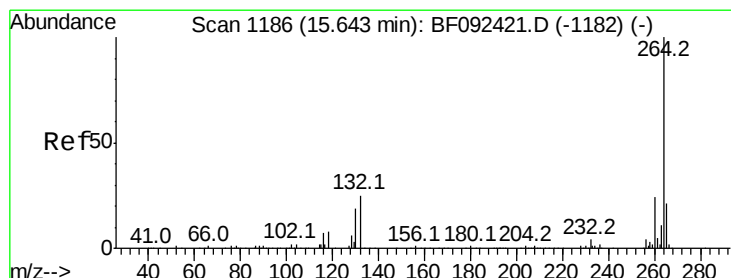
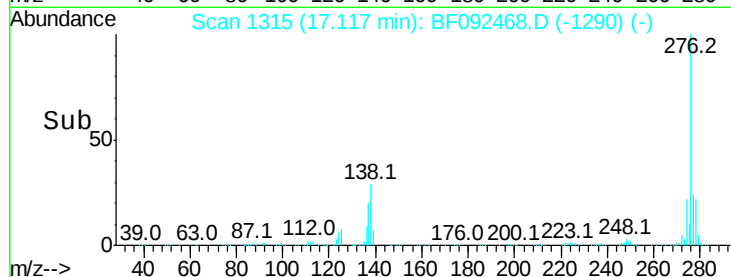
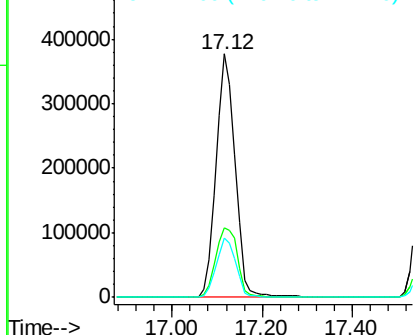
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.34 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampleId :
PB96207BS

Tot Ion:276 Resp: 1121219
Ion Ratio Lower Upper
276 100
138 32.7 21.8 32.6#
277 24.9 20.2 30.4

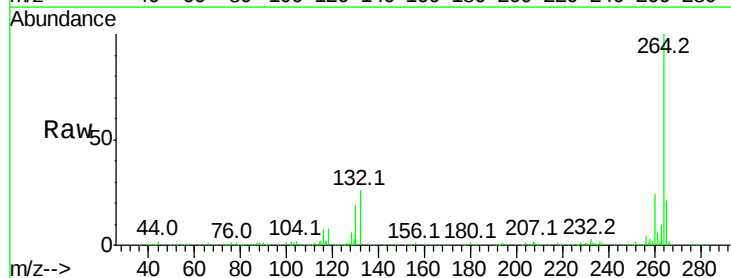


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

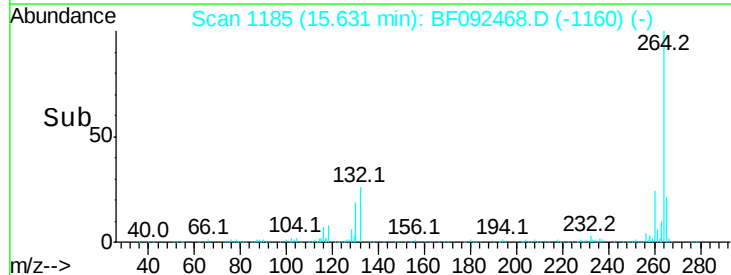
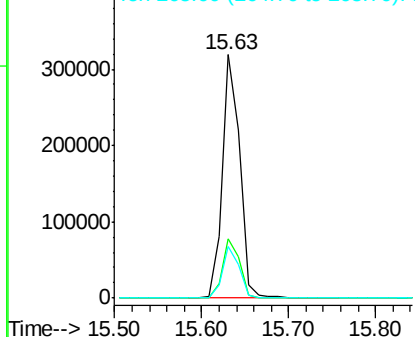


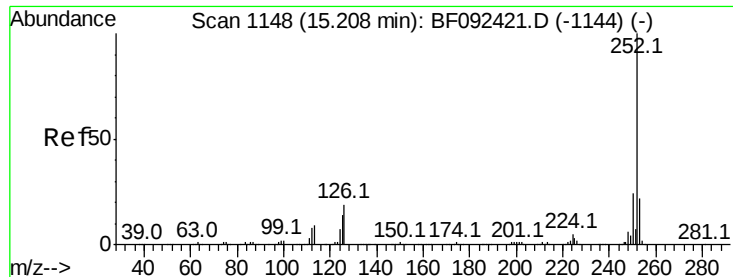
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092468.D
Acq: 25 Jan 2017 11:26

Tgt Ion:264 Resp: 447063
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.4 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: 44.59 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.00 min

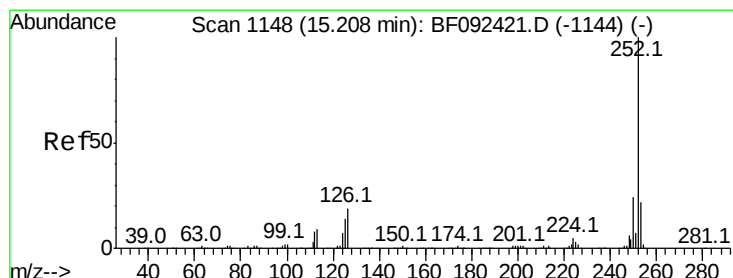
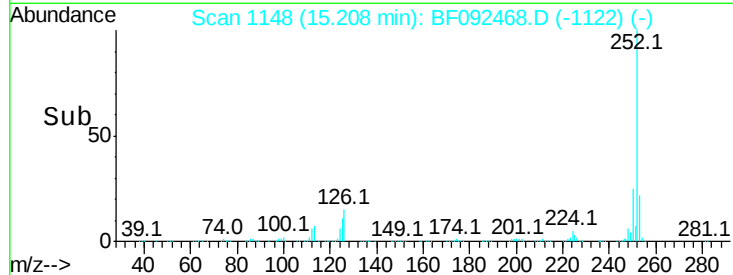
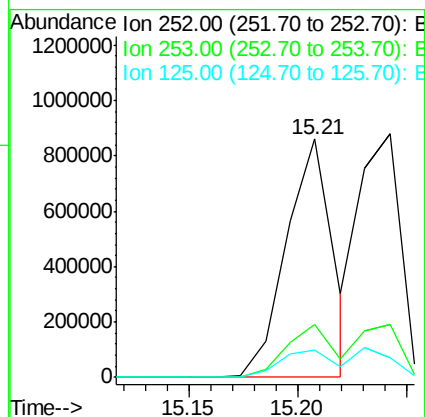
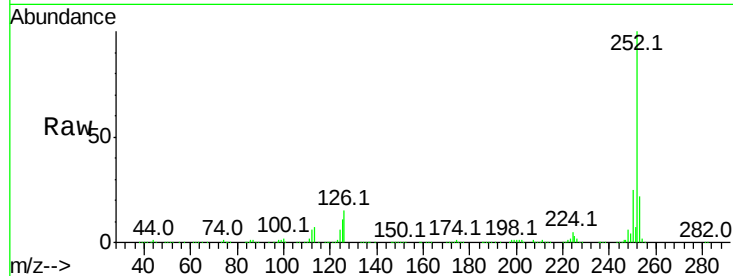
Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :
BNA_F
ClientSampleId :
PB96207BS

Tot Ion:252 Resp: 1279835

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.4	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 49.75 ng m

RT: 15.24 min Scan# 1151

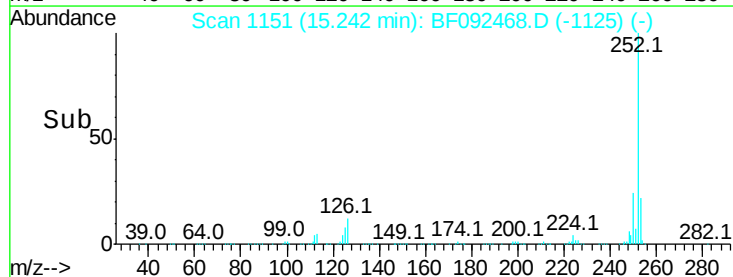
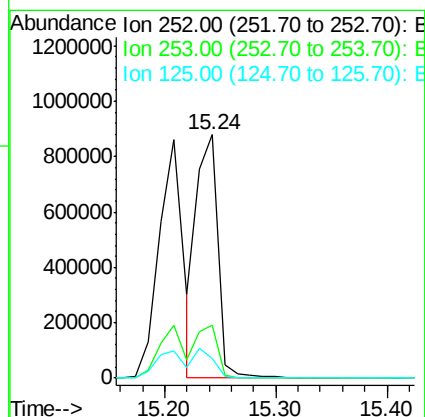
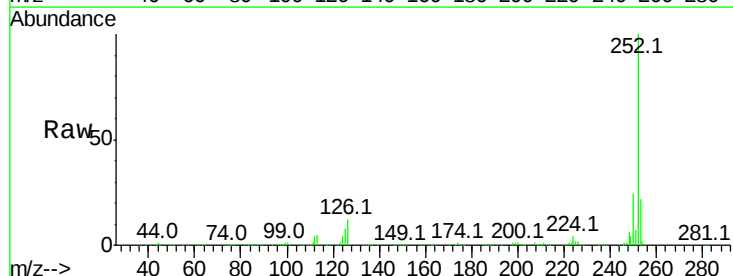
Delta R.T. -0.00 min

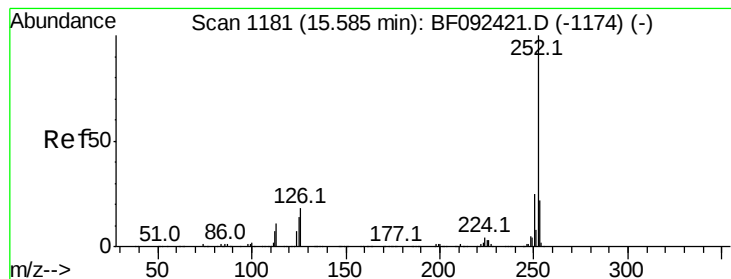
Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Tgt Ion:252 Resp: 1187252

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	8.1	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 47.12 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

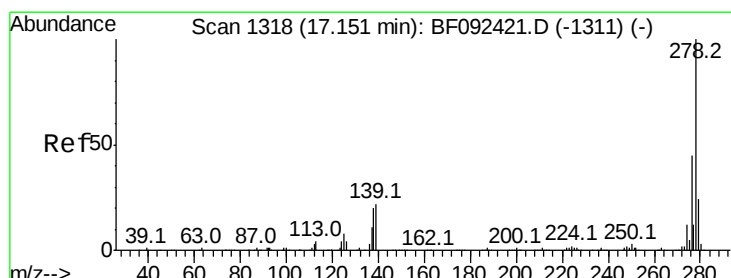
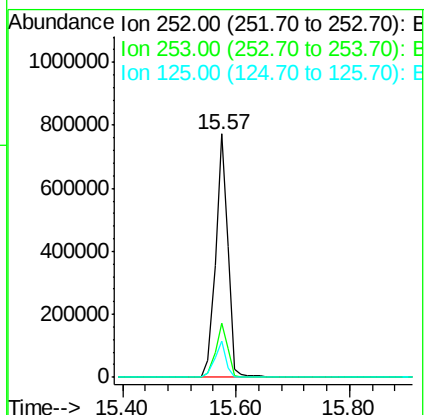
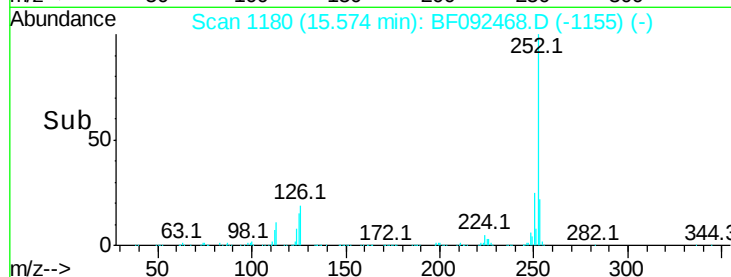
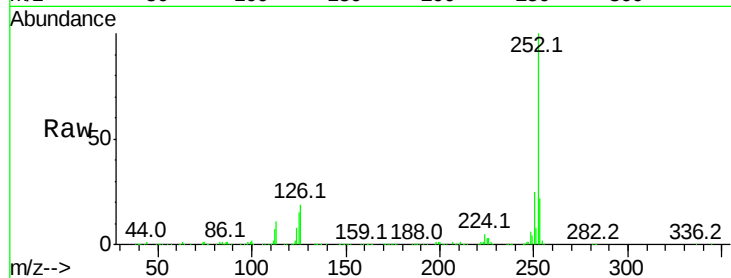
Tot Ion:252 Resp: 1143933

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 14.9 10.0 15.0



#90

Dibenzo(a,h)anthracene

Concen: 47.19 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

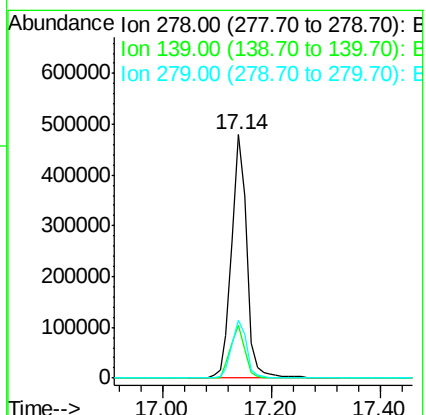
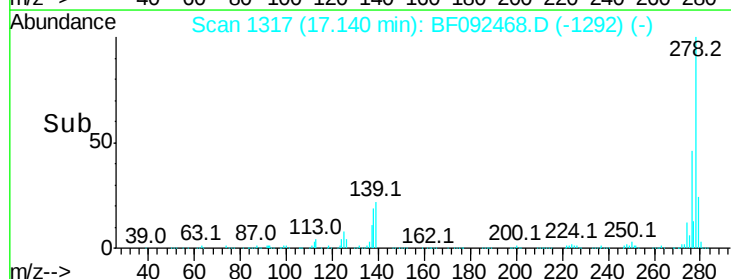
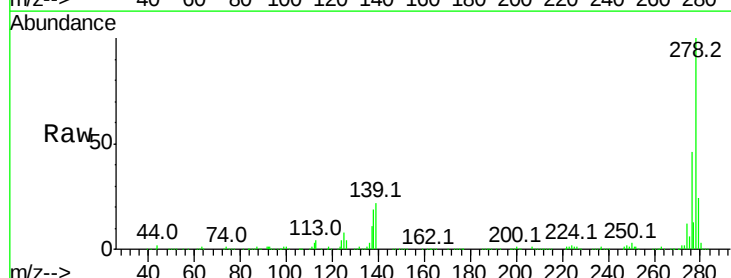
Tgt Ion:278 Resp: 926411

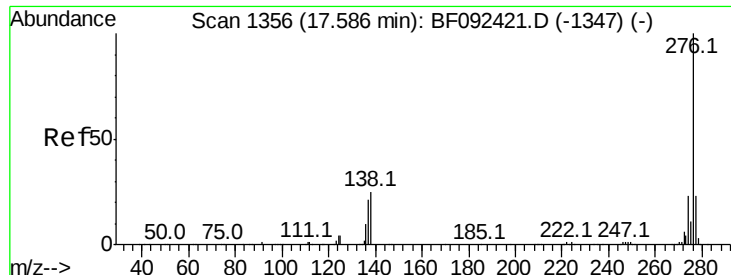
Ion Ratio Lower Upper

278 100

139 21.9 14.8 22.2

279 24.0 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 46.07 ng

RT: 17.57 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF092468.D

Acq: 25 Jan 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB96207BS

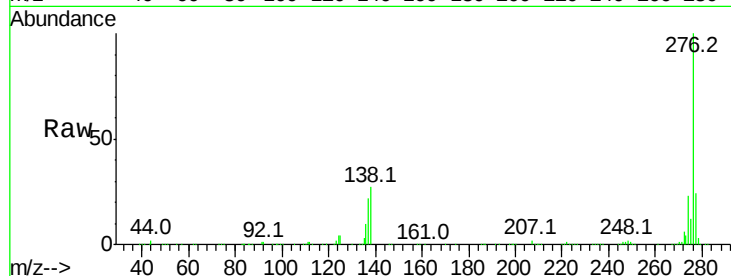
Tot Ion:276 Resp: 914742

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 26.5 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

