

Data Path : Z:\HPCHEM1\BNA F\Data\BF012517\
 Data File : BF092466.D
 Acq On : 25 Jan 2017 10:31
 Operator : UM/SJ
 Sample : I1305-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 10:57:34 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	176106	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	705546	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	408699	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	661620	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	535654	20.00	ng	-0.01
86) Perylene-d12	15.63	264	450031	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	258097	22.80	ng	0.00
7) Phenol-d6	6.58	99	350342	24.30	ng	-0.01
23) Nitrobenzene-d5	7.53	82	239671	18.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	70399	25.28	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	412018	18.64	ng	-0.01
78) Terphenyl-d14	13.09	244	382250	19.00	ng	-0.02

Target Compounds				Qvalue		
6) Aniline	6.69	93	135122	6.28	ng	# 24
8) 2-Chlorophenol	6.75	128	258215	21.72	ng	94
11) bis(2-Chloroethyl)ether	6.69	93	135122	10.38	ng	88
12) 1,3-Dichlorobenzene	6.99	146	303382	21.58	ng	96
13) 1,4-Dichlorobenzene	6.99	146	303382	21.44	ng	94
14) 1,2-Dichlorobenzene	7.14	146	398606	29.69	ng	99
15) Benzyl Alcohol	7.22	79	190921	17.57	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	7.25	45	265139	10.29	ng	92
17) 2-Methylphenol	7.22	107	390644	38.45	ng	93
18) Hexachloroethane	7.49	117	196371	40.28	ng	95
19) n-Nitroso-di-n-propylamine	7.53	70	26887	2.74	ng	# 89
20) 3+4-Methylphenols	7.37	107	425735	34.54	ng	# 65
24) Nitrobenzene	7.55	77	241955	17.88	ng	100
25) Isophorone	7.79	82	422563	16.60	ng	# 92
26) 2-Nitrophenol	7.87	139	110267	19.45	ng	90
28) bis(2-Chloroethoxy)methane	8.01	93	298882	17.89	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	374365	33.88	ng	95
31) Naphthalene	8.28	128	496312	13.74	ng	99
32) Benzoic acid	7.87	122	7910	5.50	ng	# 5
33) 4-Chloroaniline	8.28	127	65957	4.32	ng	# 32
34) Hexachlorobutadiene	8.41	225	61374	10.15	ng	100
37) 2-Methylnaphthalene	8.98	142	769135	33.64	ng	99
42) 2,4,6-Trichlorophenol	9.25	196	221760	28.08	ng	94
43) 2,4,5-Trichlorophenol	9.29	196	237402	32.85	ng	94
49) Dimethylphthalate	9.74	163	661074	25.44	ng	99
50) 2,6-Dinitrotoluene	9.81	165	234181	44.08	ng	# 74
54) Dibenzofuran	10.24	168	1133019	37.94	ng	95
55) 4-Nitrophenol	10.12	139	97394	18.43	ng	# 76
56) 2,4-Dinitrotoluene	10.20	165	99435	14.10	ng	# 87
60) 4-Chlorophenyl-phenylether	10.57	204	336883	31.37	ng	94
62) Azobenzene	10.57	77	165022	5.82	ng	# 38
66) 4-Bromophenyl-phenylether	11.06	248	261522	39.15	ng	97
68) Atrazine	11.31	200	27456	3.88	ng	# 36
69) Pentachlorophenol	11.31	266	134098	31.06	ng	97

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 ALS Vial : 4 Sample Multiplier: 1

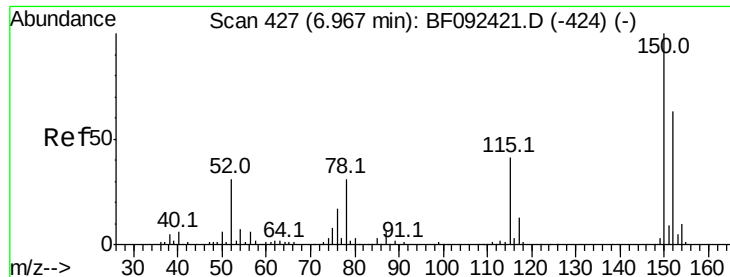
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 10:57:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Phenanthrene	11.54	178	773396	21.23	ng	98
71) Anthracene	11.58	178	659030	18.51	ng	98
73) Di-n-butylphthalate	12.08	149	1269358	32.65	ng	98
74) Fluoranthene	12.73	202	1319496	37.02	ng	99
77) Pyrene	12.96	202	1174175	30.25	ng	99
79) Butylbenzylphthalate	13.57	149	322635	20.52	ng	99
80) Benzo(a)anthracene	14.18	228	936581	32.53	ng	95
82) Chrysene	14.18	228	936592	30.46	ng	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	872798	44.08	ng	100
84) Di-n-octyl phthalate	14.75	149	1457035	40.53	ng	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	679644	29.88	ng	96
87) Benzo(b)fluoranthene	15.20	252	1339411	46.36	ng	98
88) Benzo(k)fluoranthene	15.20	252	1339411	55.75	ng	# 96
89) Benzo(a)pyrene	15.57	252	719666	29.45	ng	97
90) Dibenzo(a,h)anthracene	17.13	278	385395	19.50	ng	97

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

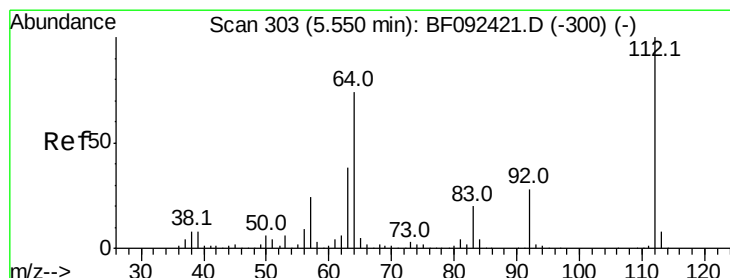
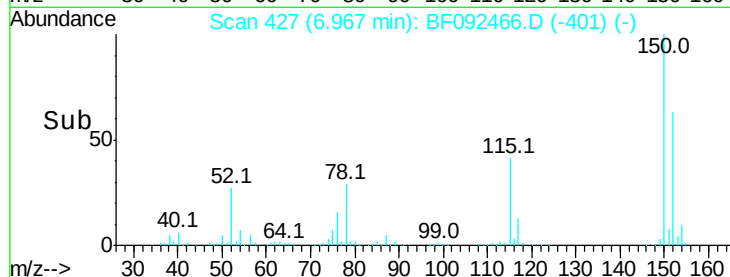
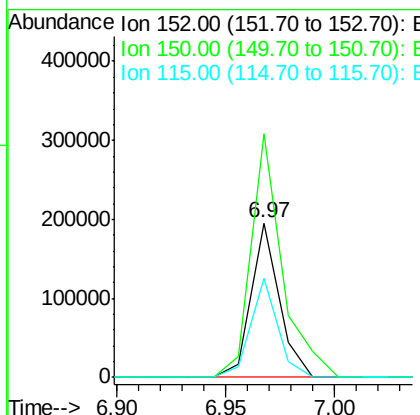
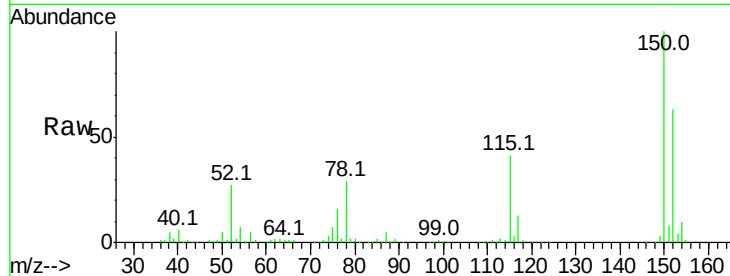


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Instrument :
BNA_F
ClientSampleId :

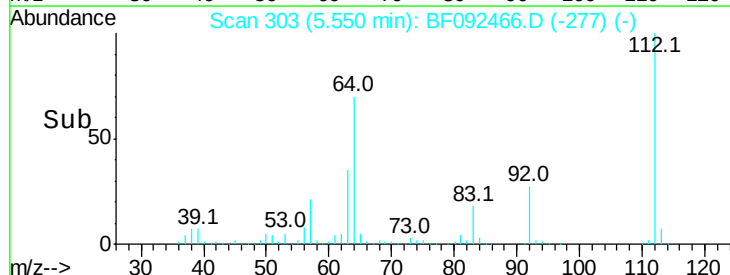
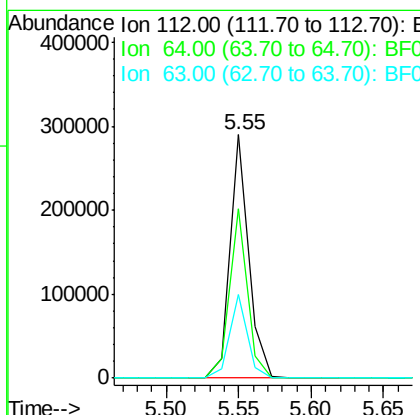
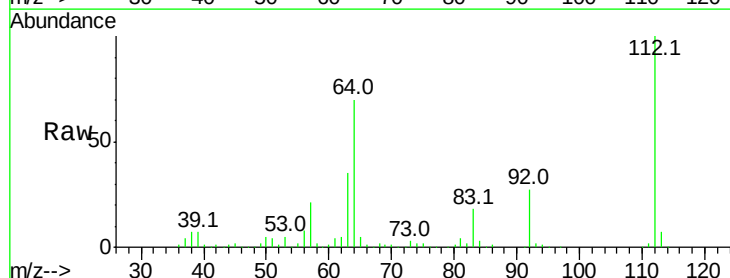
Tot Ion:152 Resp: 176106
Ion Ratio Lower Upper
152 100
150 157.5 124.9 187.3
115 63.9 46.0 69.0

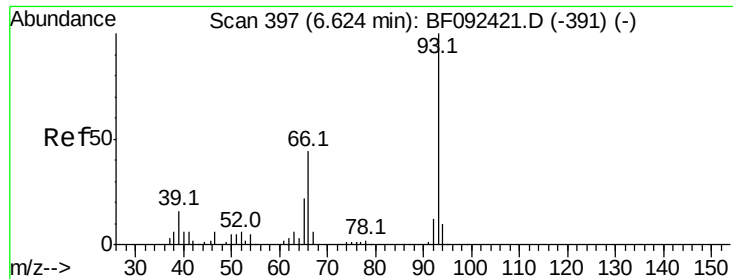


#5

2-Fluorophenol
Concen: 22.80 ng
RT: 5.55 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Tgt Ion:112 Resp: 258097
Ion Ratio Lower Upper
112 100
64 69.7 46.1 69.1#
63 34.6 23.8 35.6





#6

Aniline

Concen: 6.28 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.07 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

Instrument :

BNA_F

ClientSampleId :

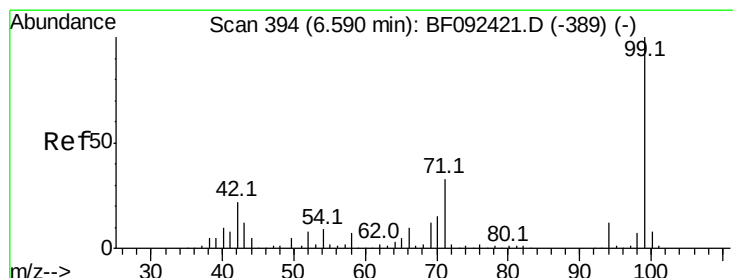
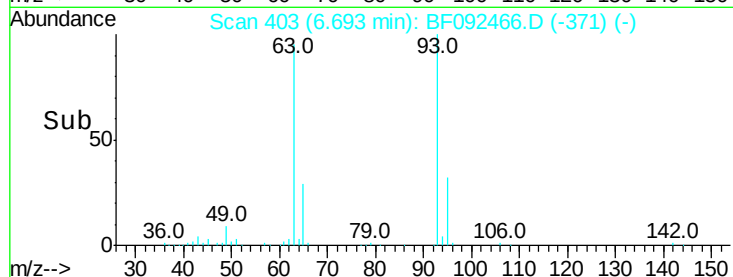
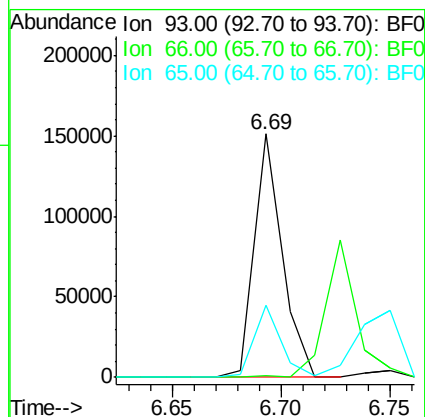
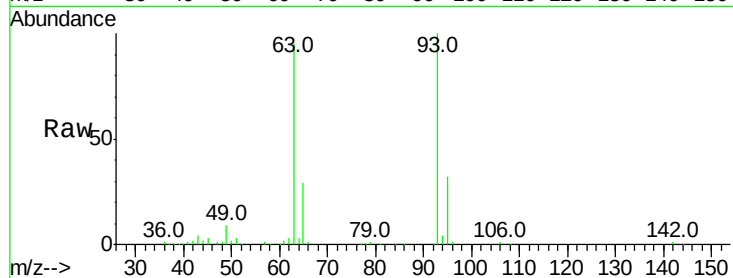
Tot Ion: 93 Resp: 135122

Ion Ratio Lower Upper

93 100

66 0.6 76.2 114.2#

65 29.4 49.3 73.9#



#7

Phenol-d6

Concen: 24.30 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

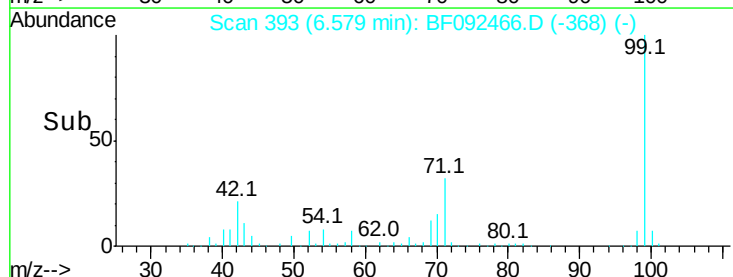
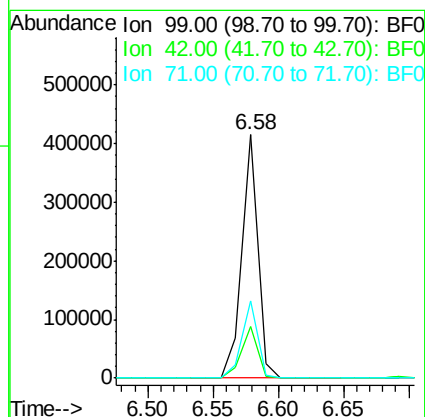
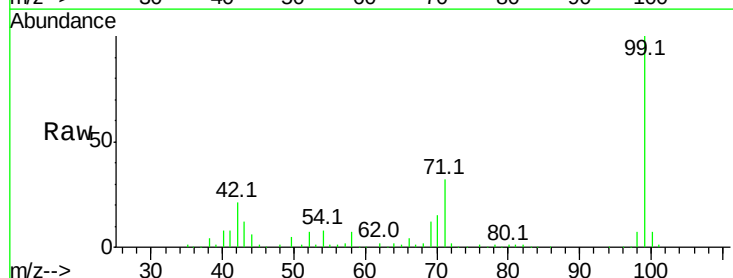
Tgt Ion: 99 Resp: 350342

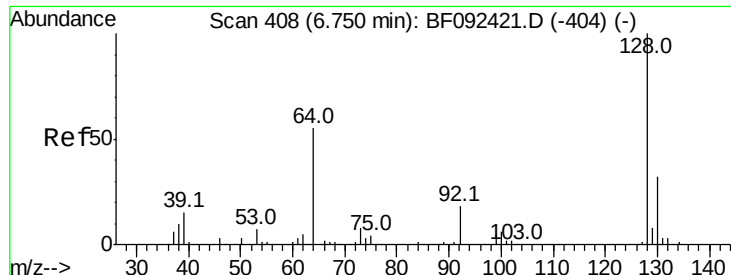
Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

71 31.8 27.5 41.3

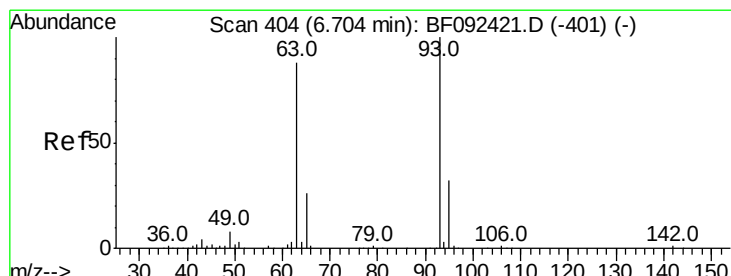
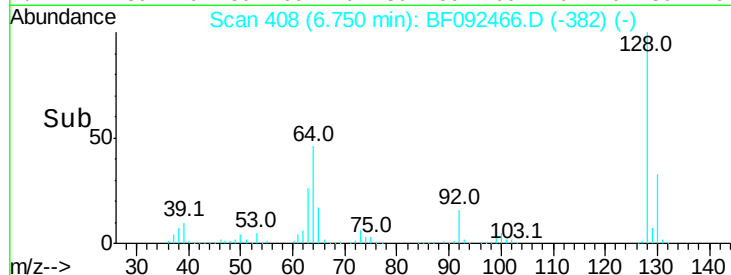
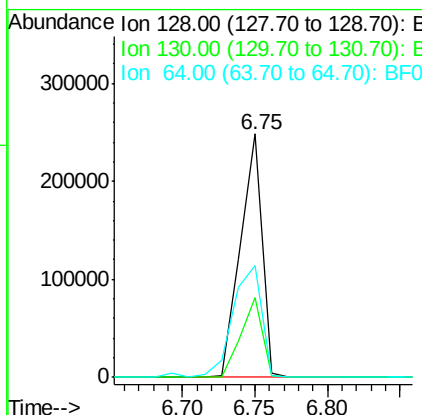
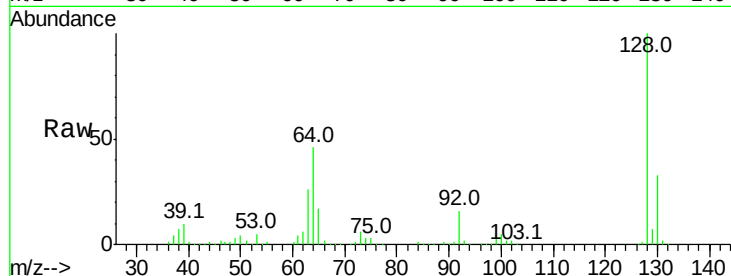




#8
 2-Chlorophenol
 Concen: 21.72 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

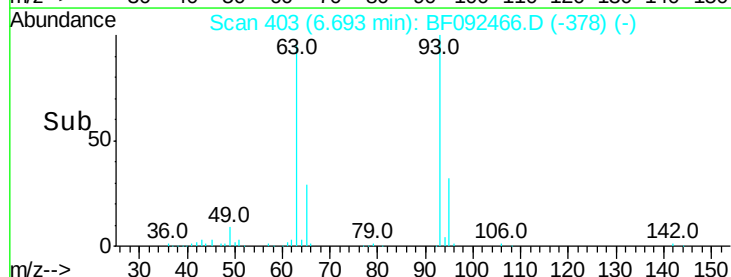
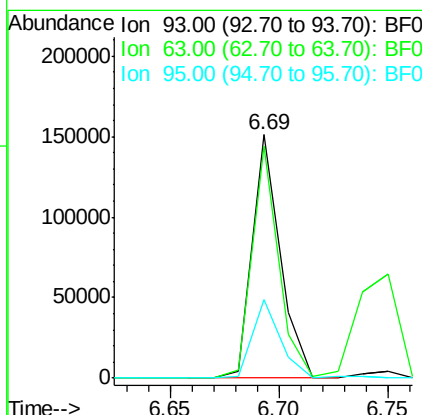
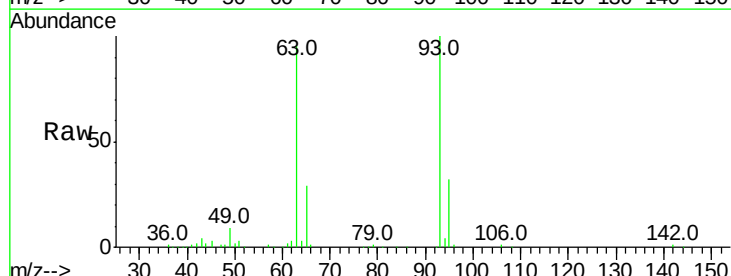
Instrument :
 BNA_F
 ClientSampleId :

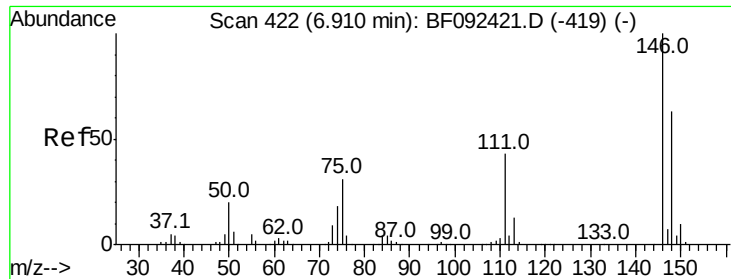
Tot Ion:128 Resp: 258215
 Ion Ratio Lower Upper
 128 100
 130 32.6 12.3 52.3
 64 46.1 32.2 72.2



#11
 bis(2-Chloroethyl)ether
 Concen: 10.38 ng
 RT: 6.69 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt Ion: 93 Resp: 135122
 Ion Ratio Lower Upper
 93 100
 63 95.5 60.4 100.4
 95 32.4 12.8 52.8

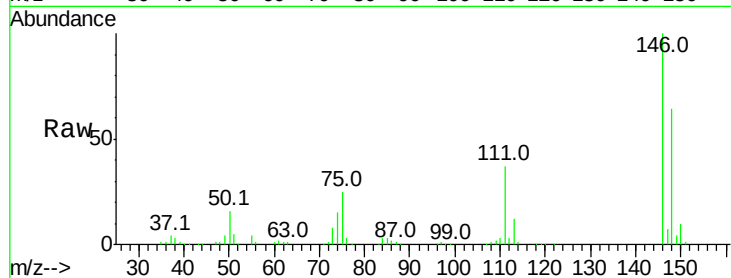




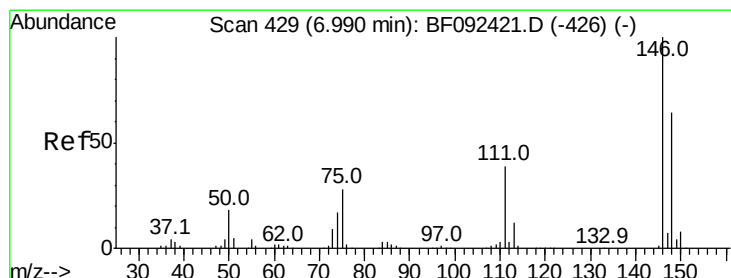
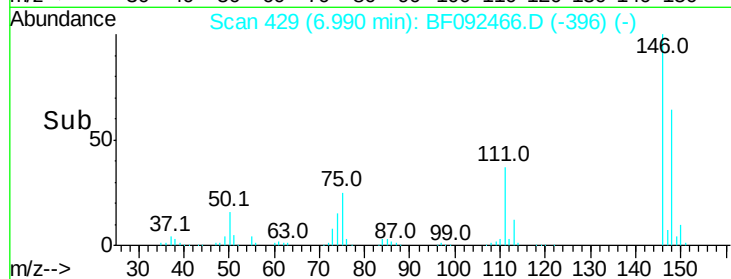
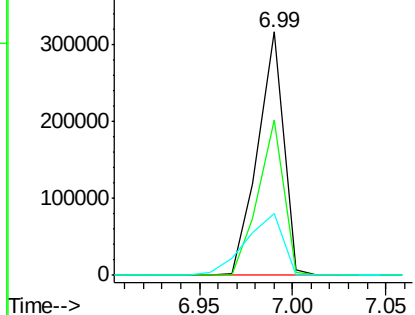
#12
 1,3-Dichlorobenzene
 Concen: 21.58 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.08 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 303382
 Ion Ratio Lower Upper
 146 100
 148 63.5 53.4 80.0
 75 25.4 18.5 27.7

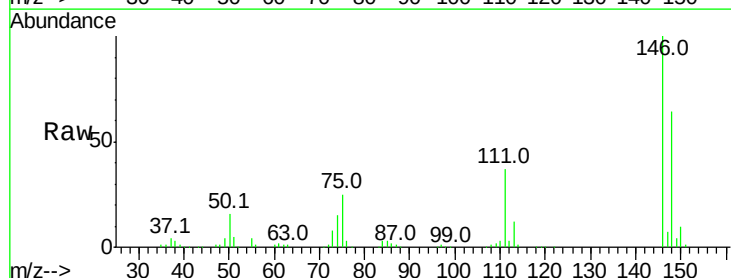


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

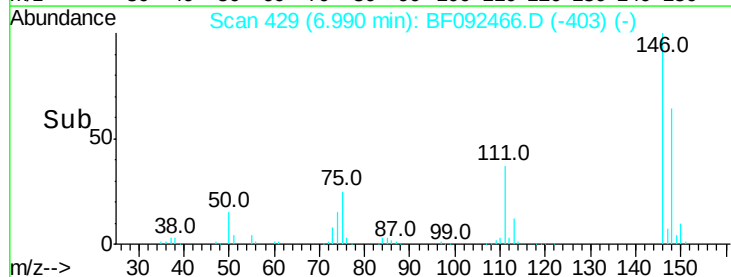
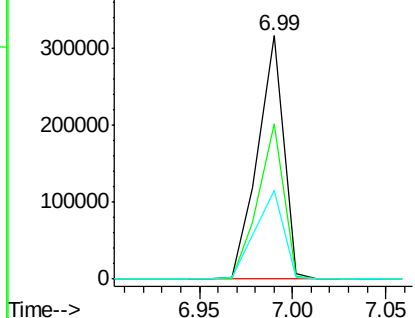


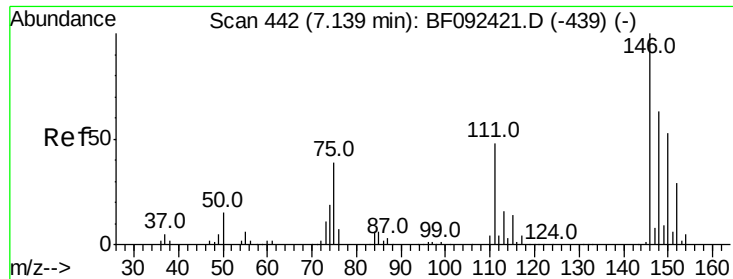
#13
 1,4-Dichlorobenzene
 Concen: 21.44 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt Ion:146 Resp: 303382
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 76.0
 111 36.6 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: 29.69 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

Instrument :

BNA_F

ClientSampleId :

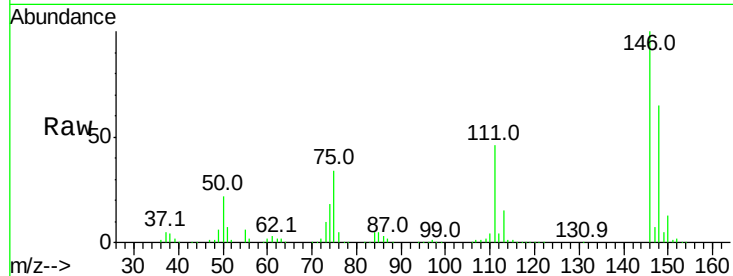
Tot Ion:146 Resp: 398606

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

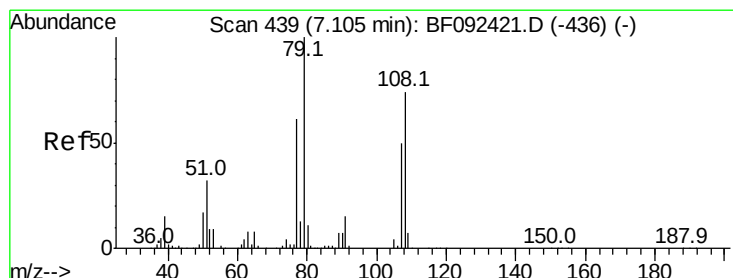
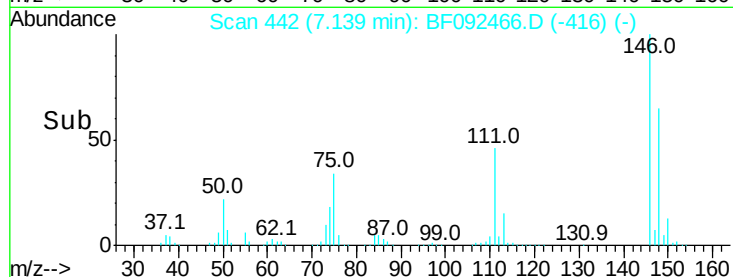
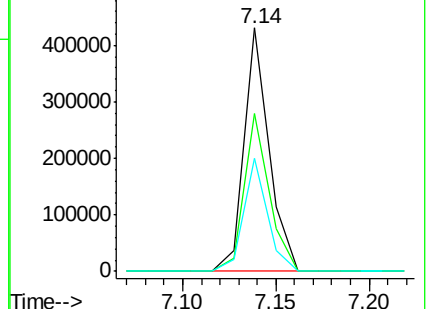
111 46.2 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 17.57 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.11 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

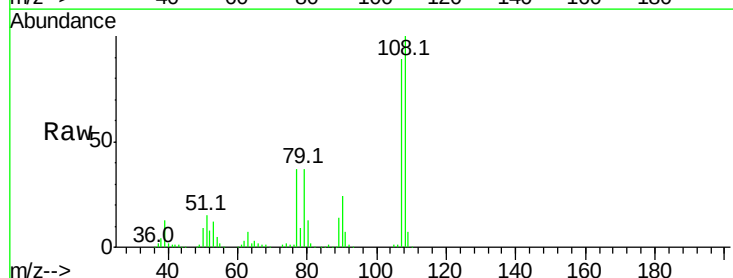
Tgt Ion: 79 Resp: 190921

Ion Ratio Lower Upper

79 100

108 273.9 61.4 92.0#

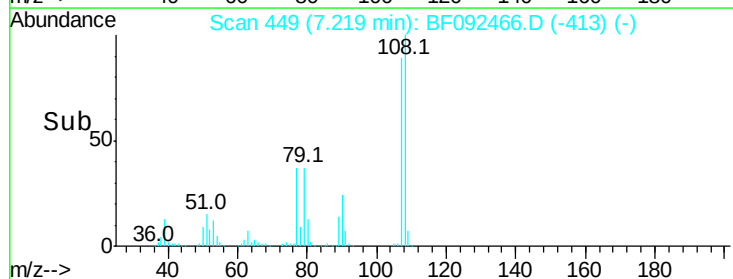
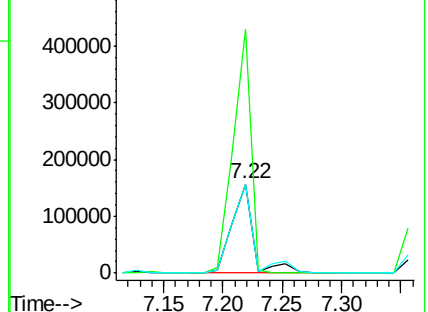
77 100.2 50.9 76.3#

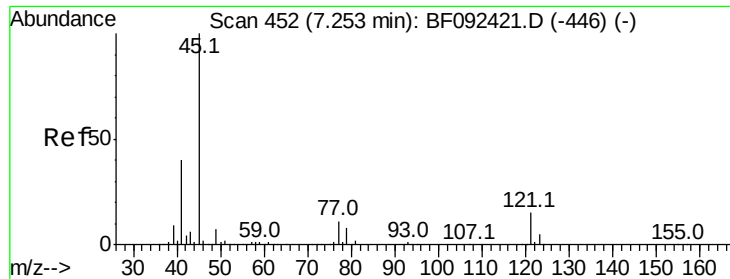


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

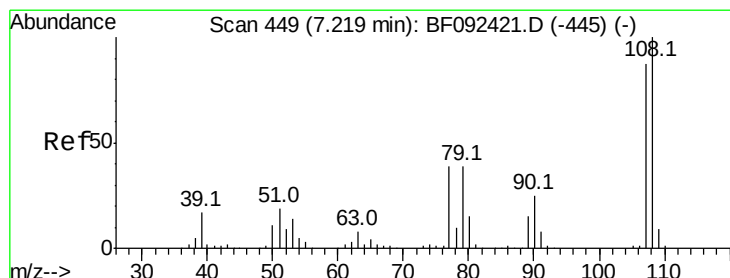
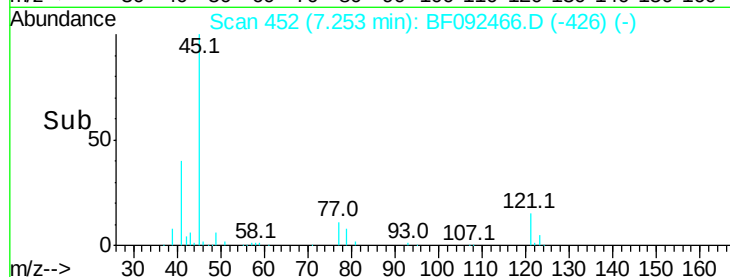
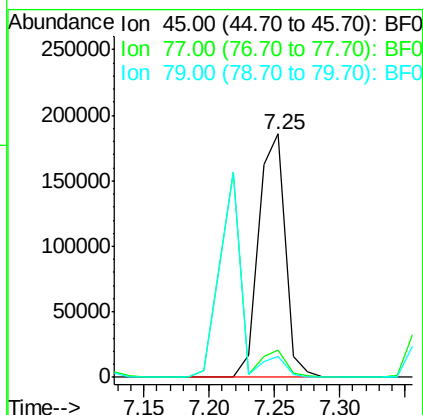
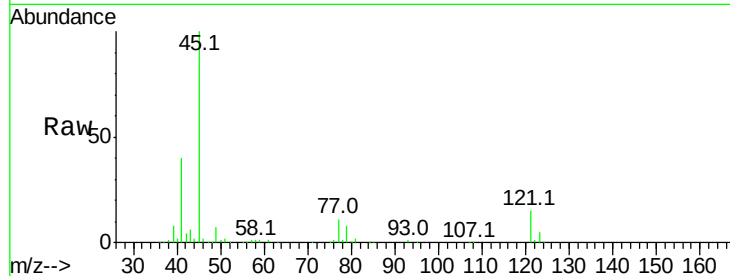




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 10.29 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

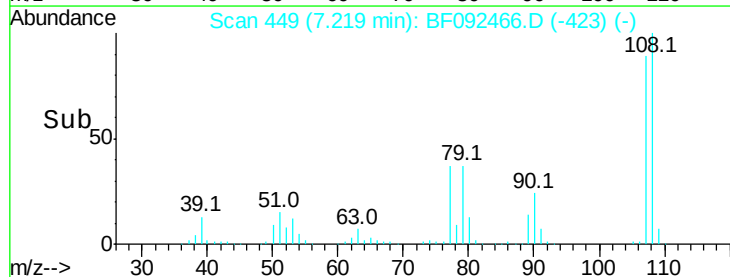
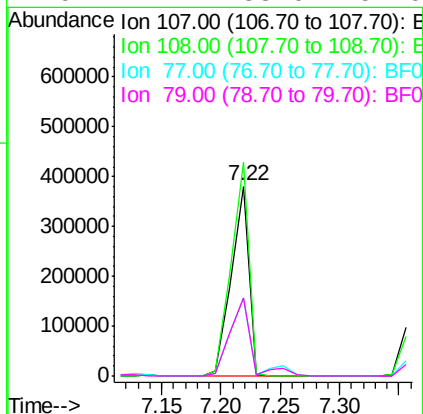
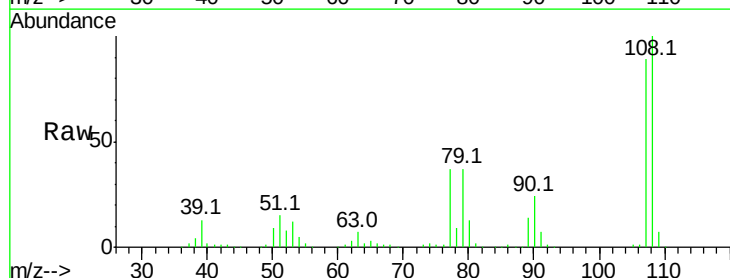
Instrument :
 BNA_F
 ClientSampled :

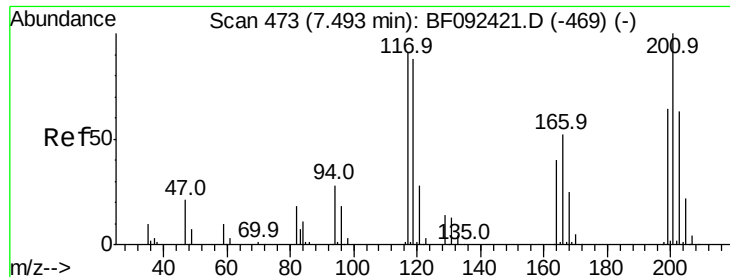
Tot Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	34.6
79	8.4	0.0	31.2



#17
 2-Methylphenol
 Concen: 38.45 ng
 RT: 7.22 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.6	93.0	139.6
77	41.2	39.8	59.8
79	41.1	38.0	57.0

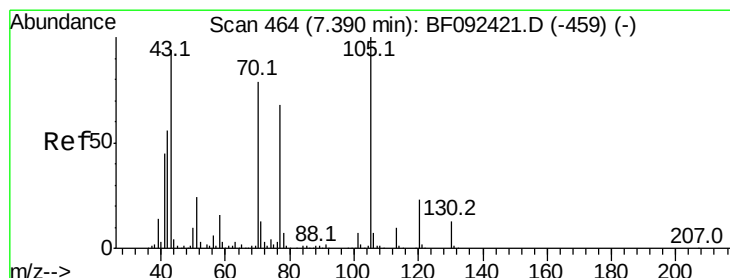
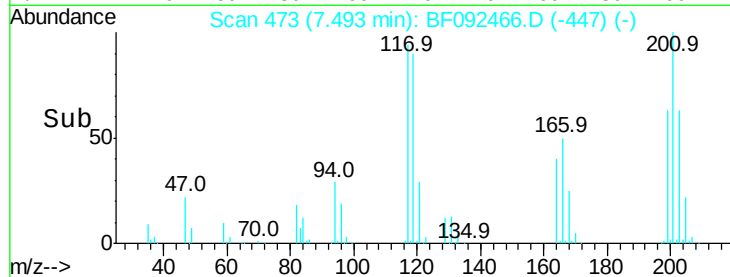
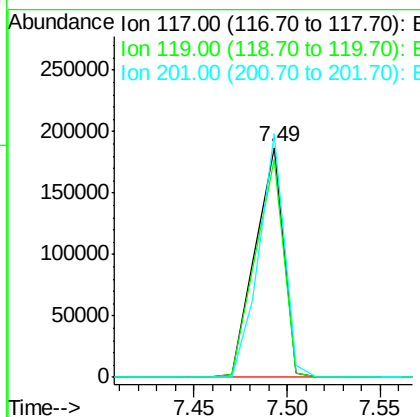
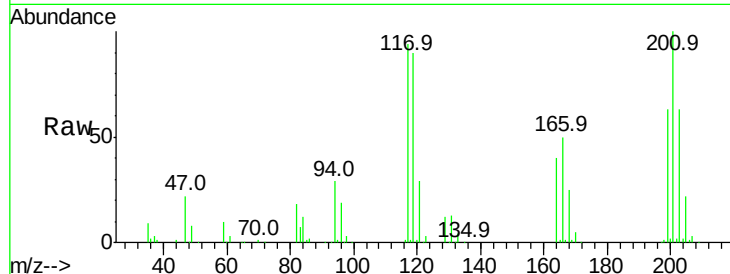




#18
 Hexachloroethane
 Concen: 40.28 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

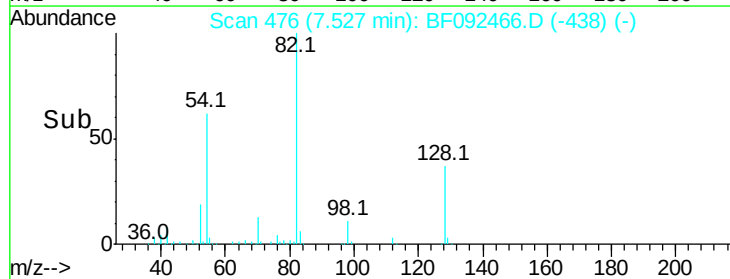
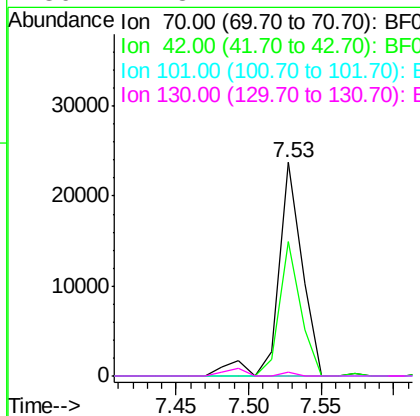
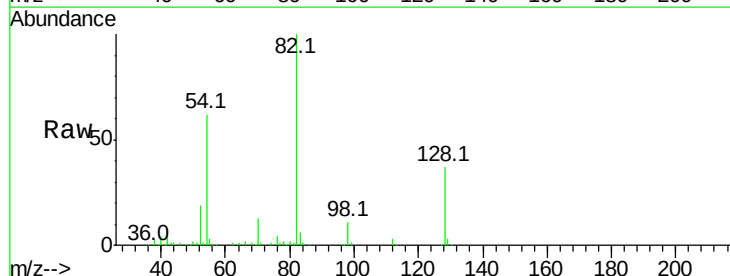
Instrument :
 BNA_F
 ClientSampleId :

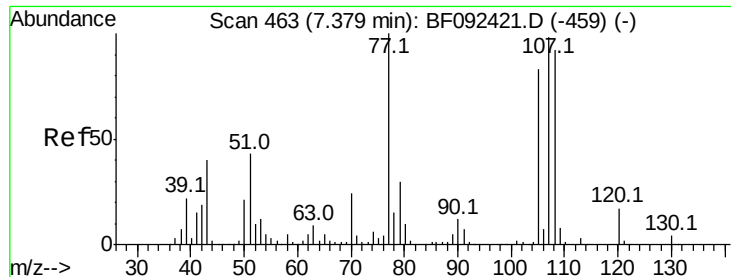
Tot Ion:117 Resp: 196371
 Ion Ratio Lower Upper
 117 100
 119 95.2 78.1 117.1
 201 106.0 78.6 117.8



#19
 n-Nitroso-di-n-propylamine
 Concen: 2.74 ng
 RT: 7.53 min Scan# 476
 Delta R.T. 0.14 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt Ion: 70 Resp: 26887
 Ion Ratio Lower Upper
 70 100
 42 62.6 49.4 74.0
 101 0.0 7.4 11.2#
 130 1.8 14.2 21.4#

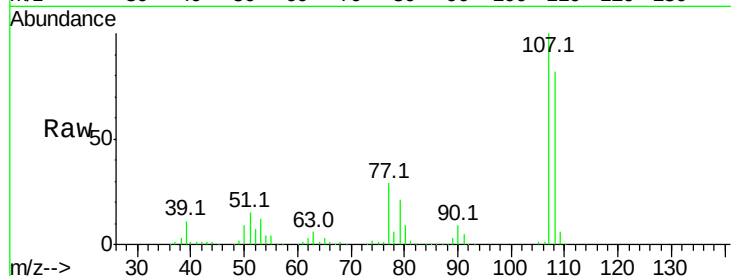




#20
 3+4-Methylphenols
 Concen: 34.54 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	82.1	73.0	113.0
77	29.5	71.3	111.3#
79	20.8	11.1	51.1



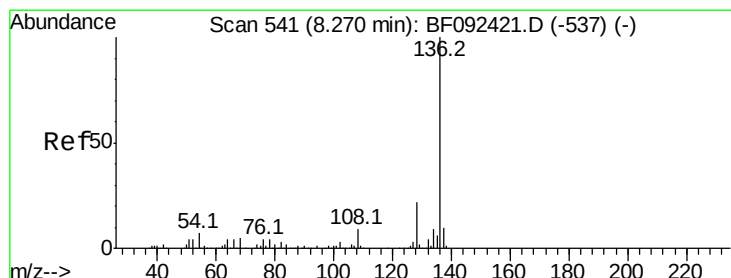
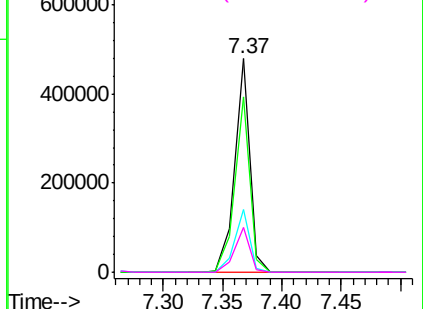
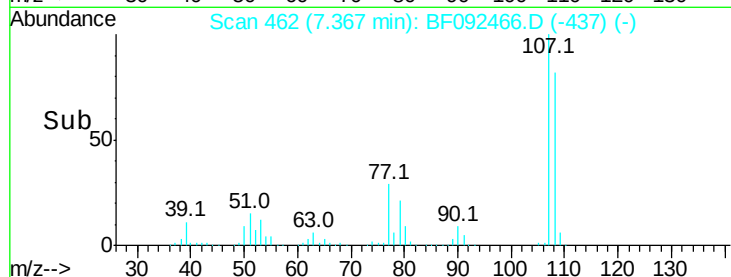
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

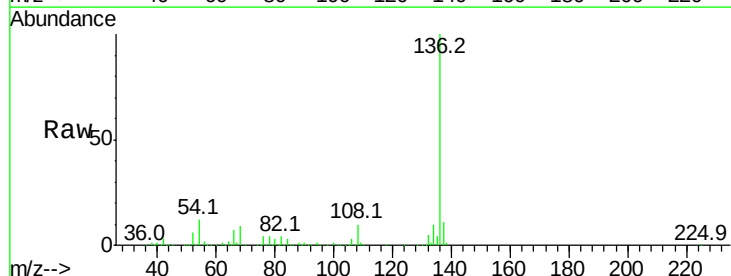
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	12.5	4.5	6.7#
68	8.7	3.6	5.4#



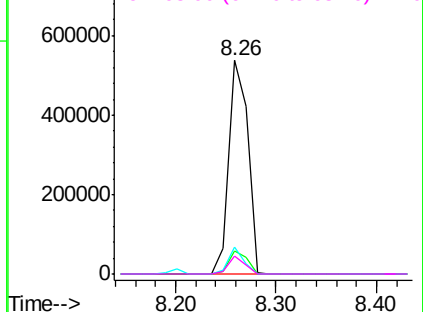
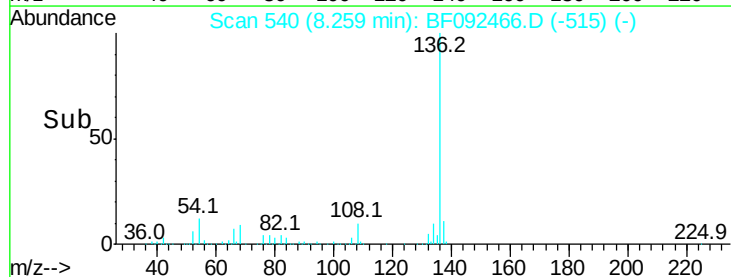
Abundance

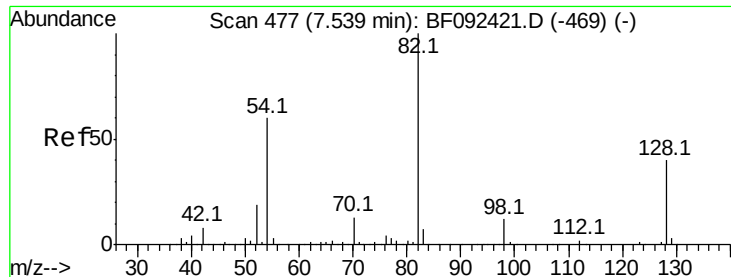
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

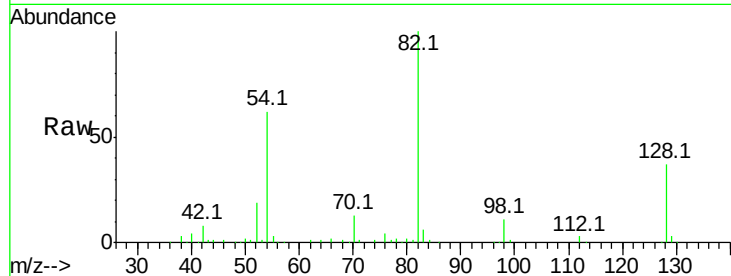




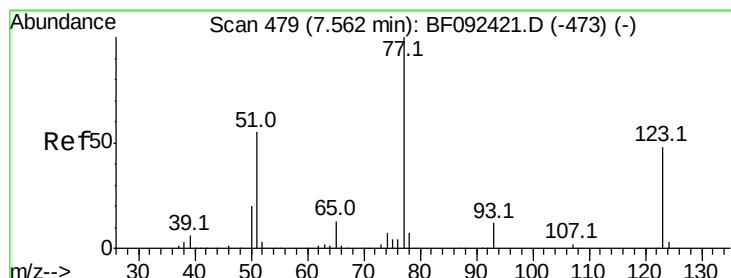
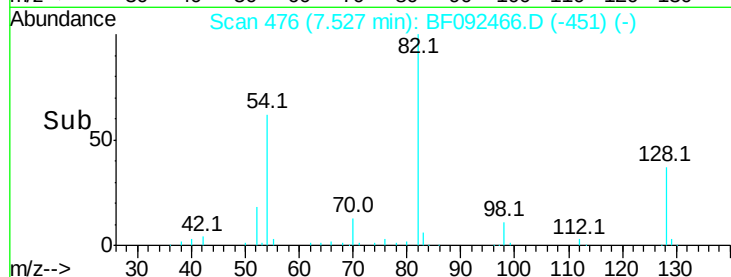
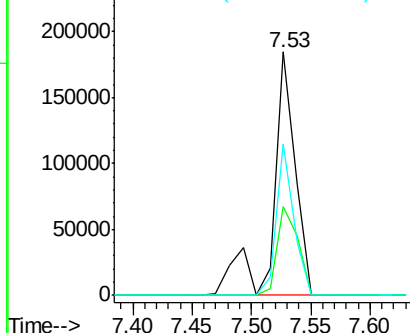
#23
 Nitrobenzene-d5
 Concen: 18.56 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 239671
 Ion Ratio Lower Upper
 82 100
 128 36.6 34.6 52.0
 54 62.2 39.5 59.3#

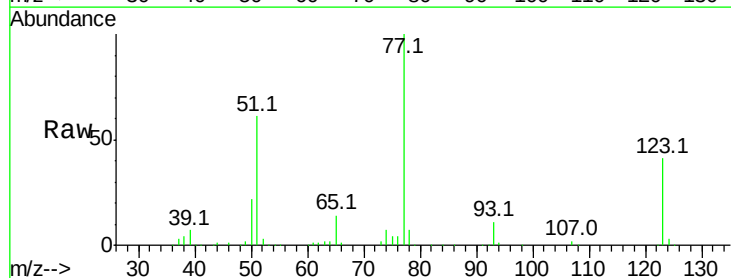


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

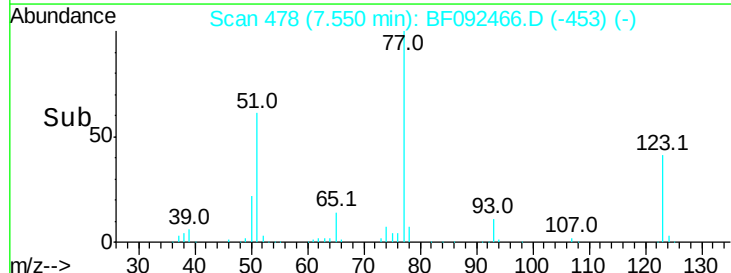
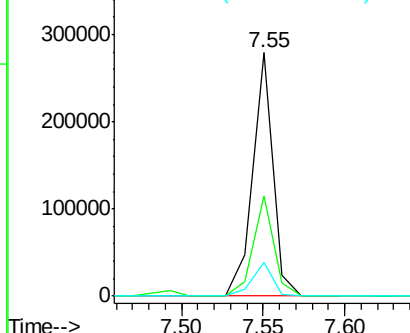


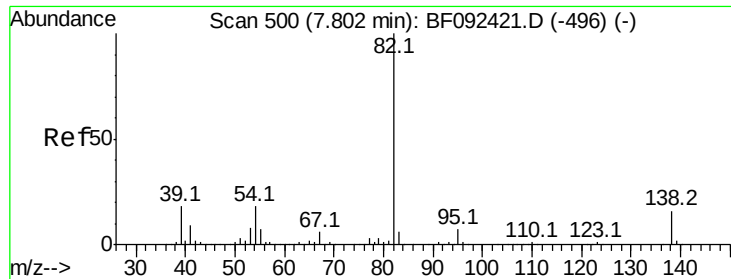
#24
 Nitrobenzene
 Concen: 17.88 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt Ion: 77 Resp: 241955
 Ion Ratio Lower Upper
 77 100
 123 41.3 33.0 49.4
 65 13.9 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 16.60 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

Instrument :

BNA_F

ClientSampleId :

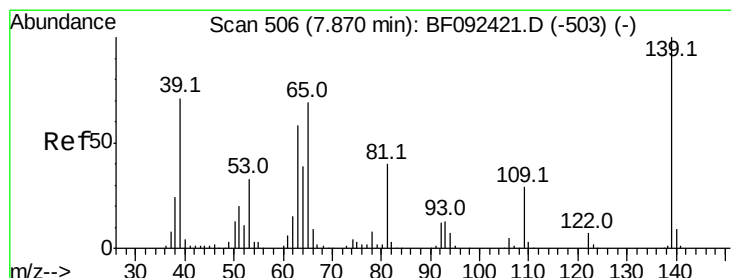
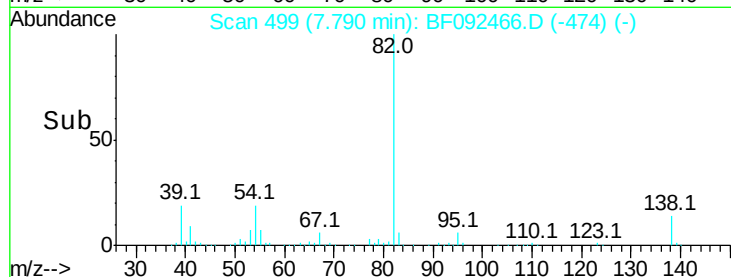
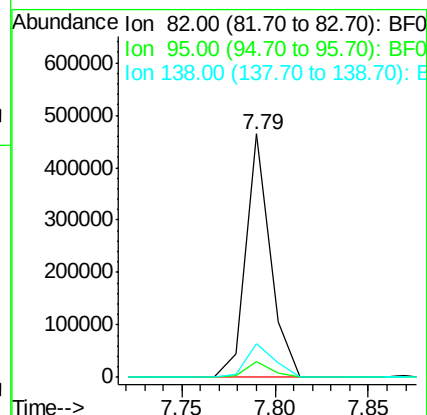
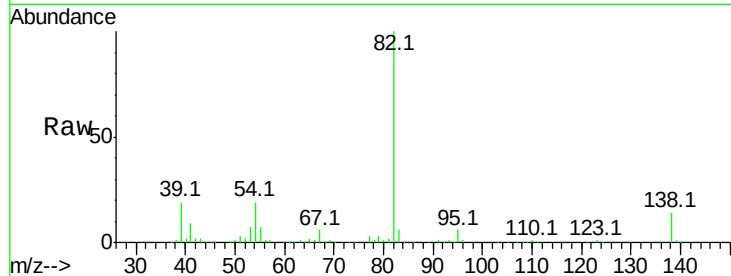
Tot Ion: 82 Resp: 422563

Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

138 14.0 14.6 22.0#



#26

2-Nitrophenol

Concen: 19.45 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

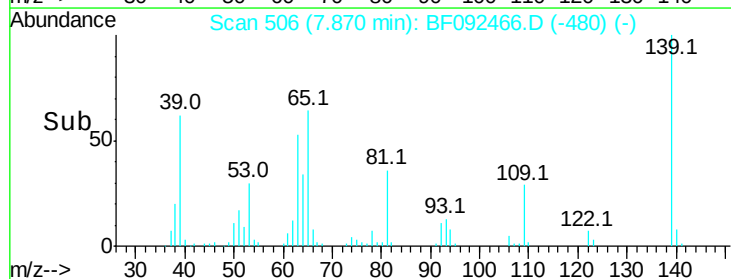
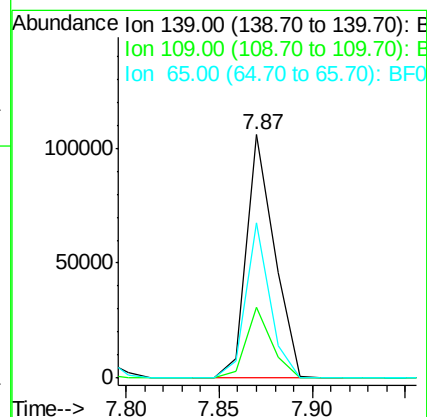
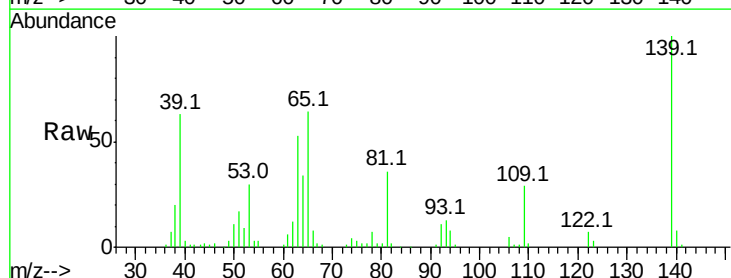
Tgt Ion: 139 Resp: 110267

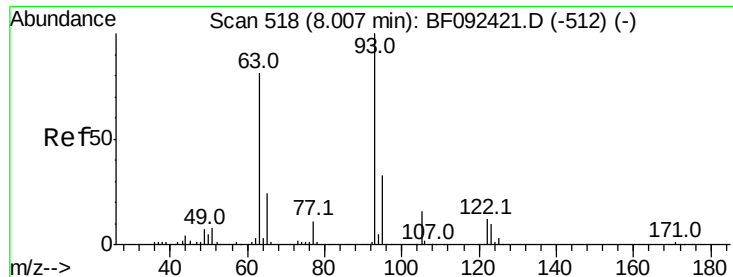
Ion Ratio Lower Upper

139 100

109 28.9 23.3 34.9

65 64.0 42.7 64.1





#28

bis(2-Chloroethoxy)methane

Concen: 17.89 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

Instrument :

BNA_F

ClientSampled :

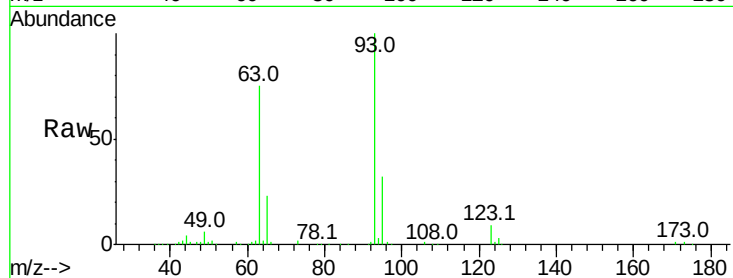
Tot Ion: 93 Resp: 298882

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

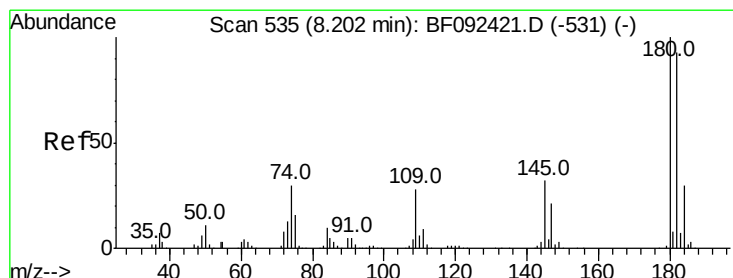
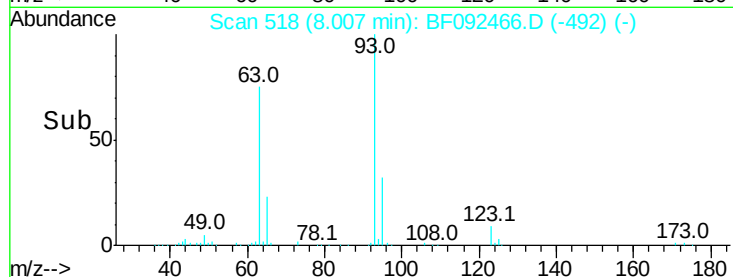
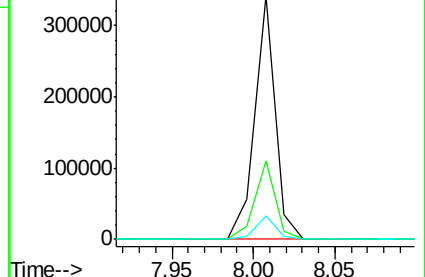
123 9.4 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 33.88 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

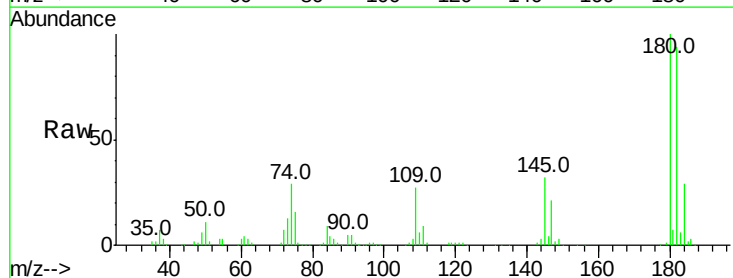
Tgt Ion: 180 Resp: 374365

Ion Ratio Lower Upper

180 100

182 93.6 78.2 117.4

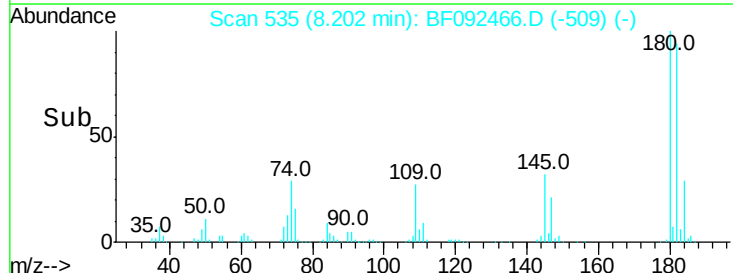
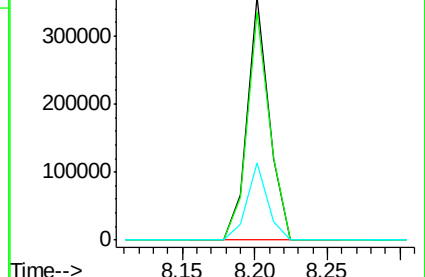
145 31.5 21.6 32.4

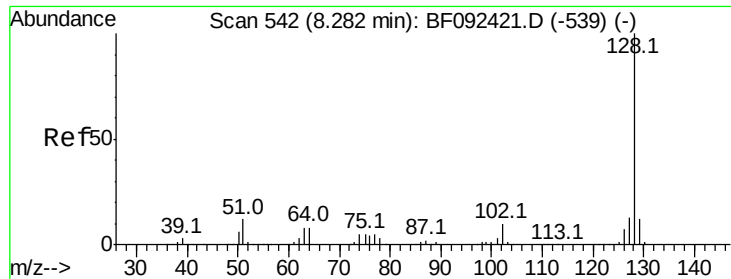


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

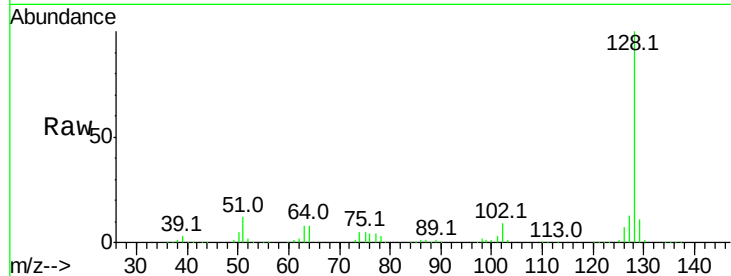




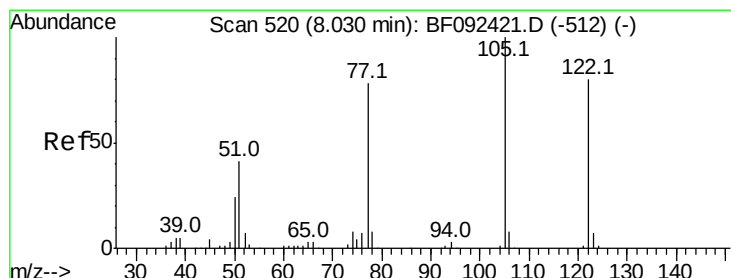
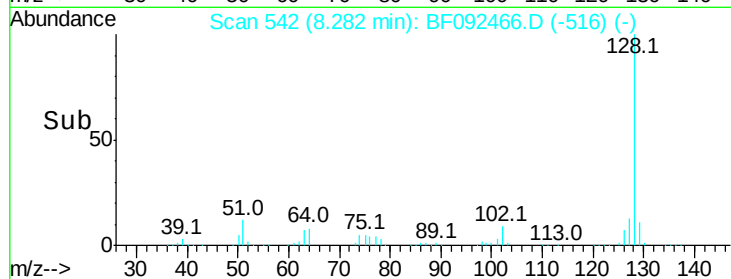
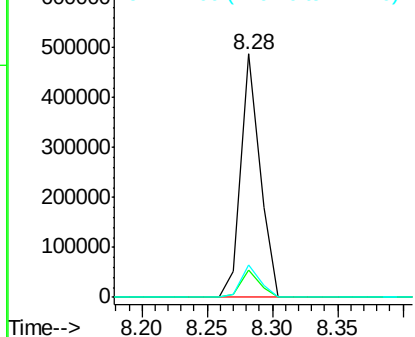
#31
Naphthalene
Concen: 13.74 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 496312
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.4 10.8 16.2

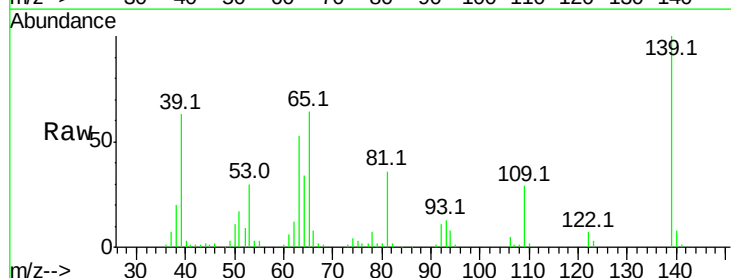


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

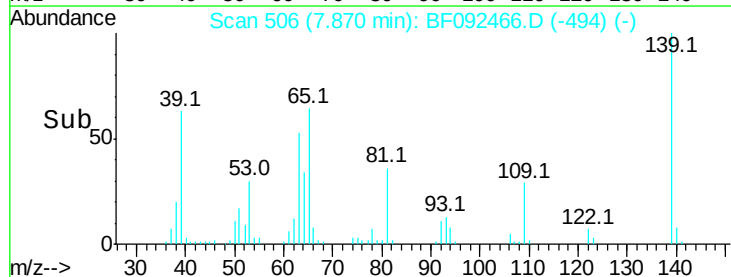
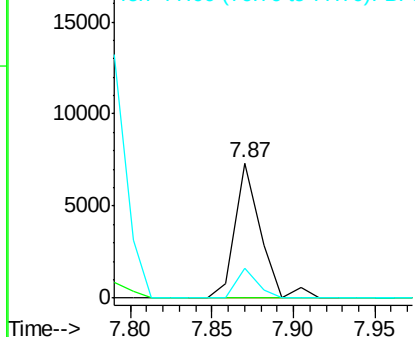


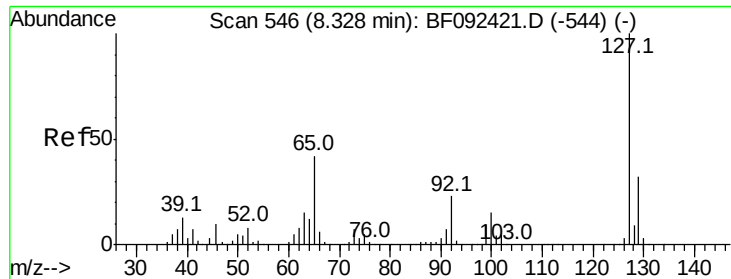
#32
Benzoic acid
Concen: 5.50 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.16 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Tgt Ion:122 Resp: 7910
Ion Ratio Lower Upper
122 100
105 0.0 107.2 147.2#
77 21.9 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

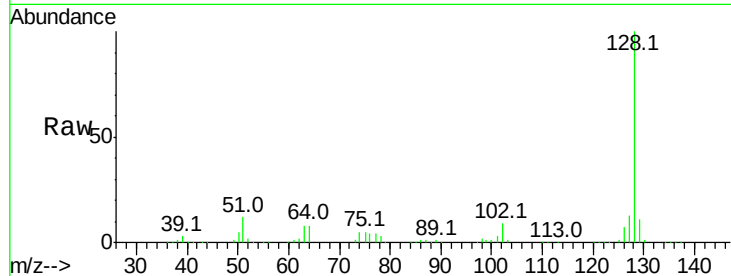




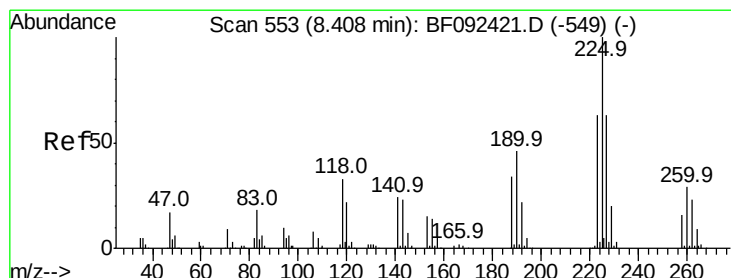
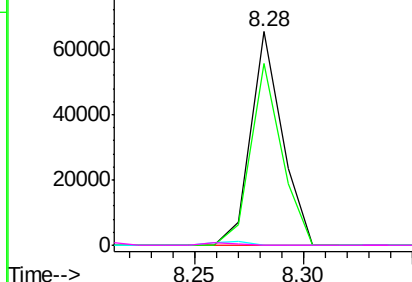
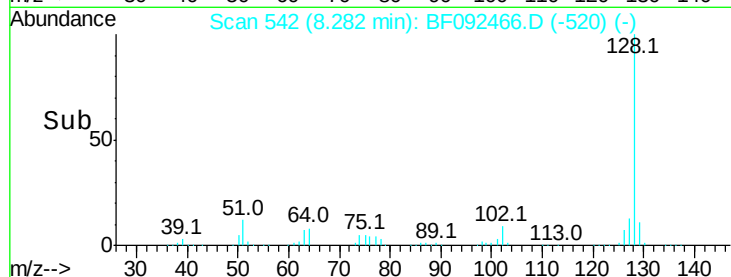
#33
4-Chloroaniline
Concen: 4.32 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 65957
Ion Ratio Lower Upper
127 100
129 85.2 26.3 39.5#
65 0.0 25.8 38.8#
92 0.0 16.1 24.1#

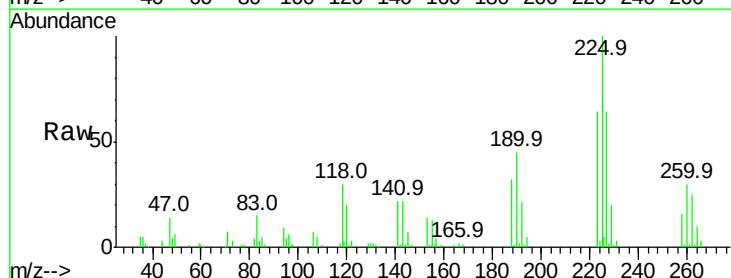


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

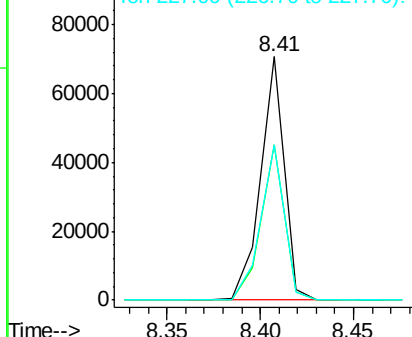
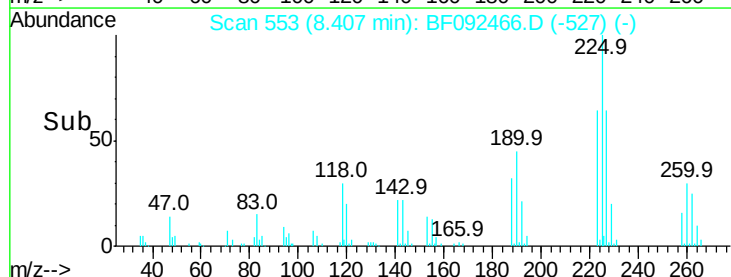


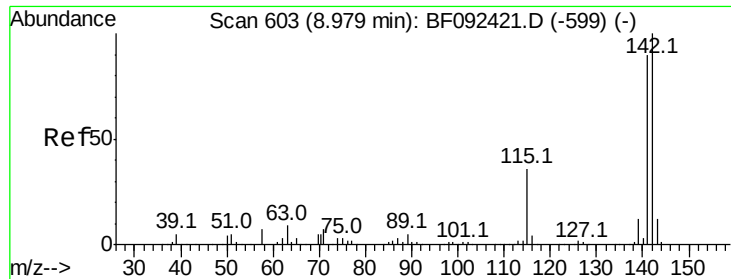
#34
Hexachlorobutadiene
Concen: 10.15 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Tgt Ion:225 Resp: 61374
Ion Ratio Lower Upper
225 100
223 63.8 51.0 76.6
227 63.6 50.6 76.0



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

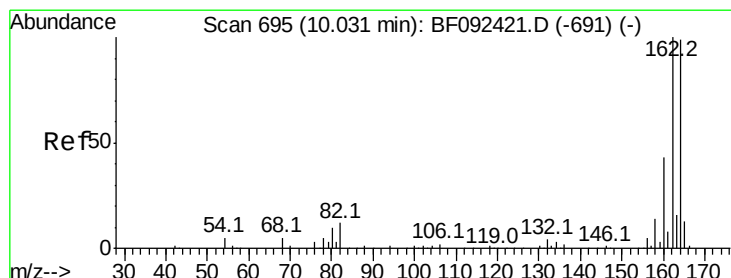
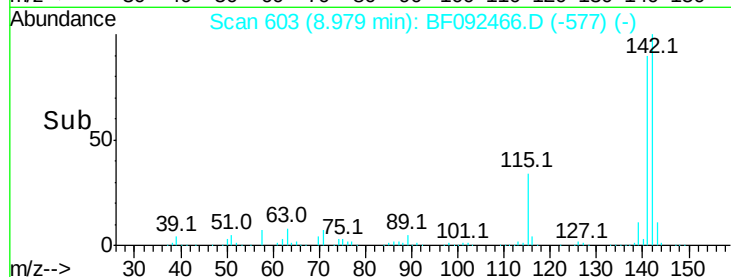
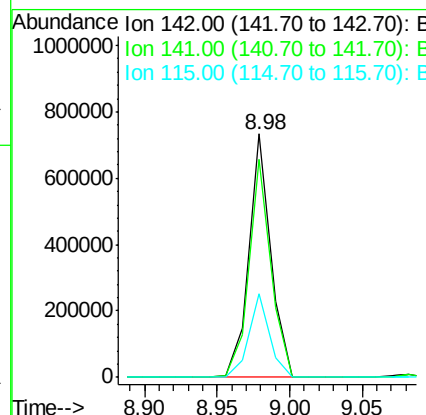
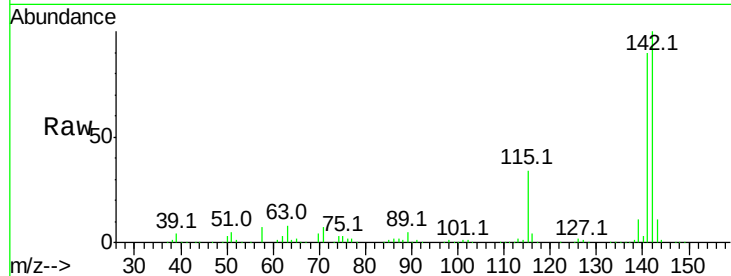




#37
 2-Methylnaphthalene
 Concen: 33.64 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

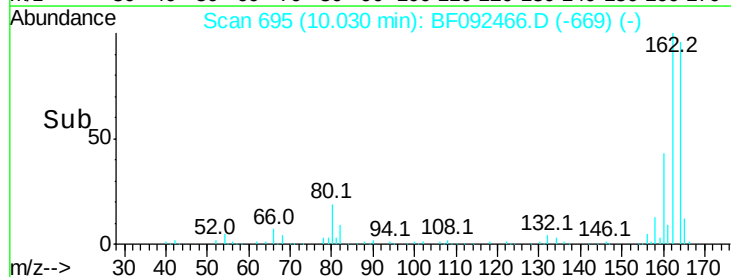
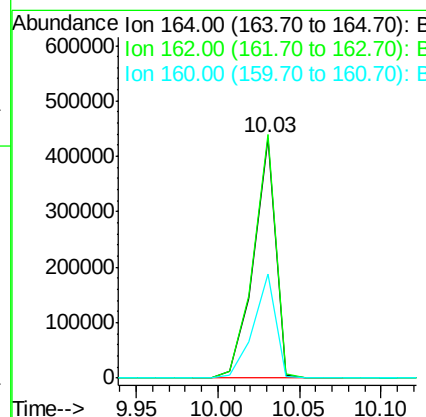
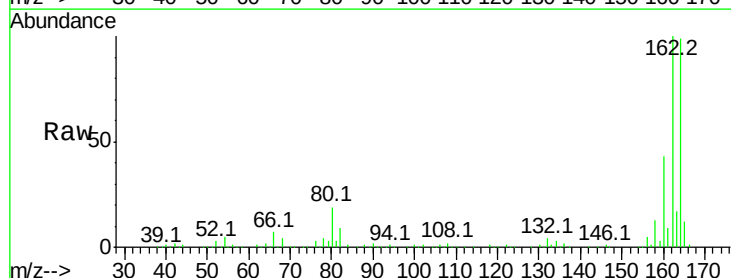
Instrument :
 BNA_F
 ClientSampled :

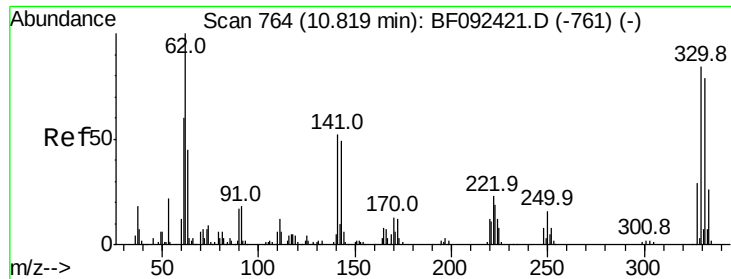
Tot Ion:142 Resp: 769135
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.0 106.6
 115 34.5 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt Ion:164 Resp: 408699
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.2 120.2
 160 43.6 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 25.28 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

Instrument :

BNA_F

ClientSampleId :

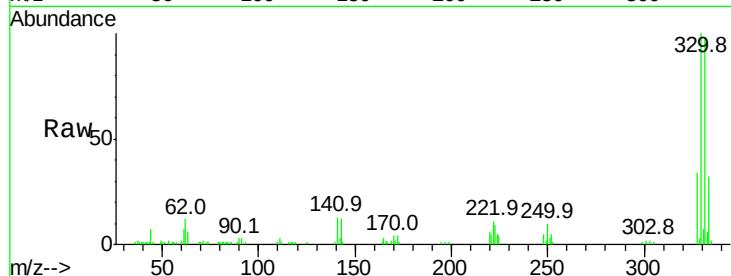
Tot Ion:330 Resp: 70399

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

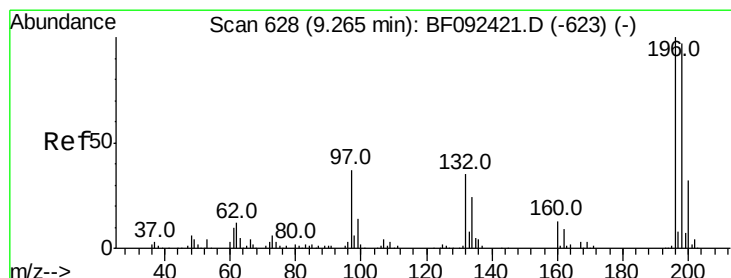
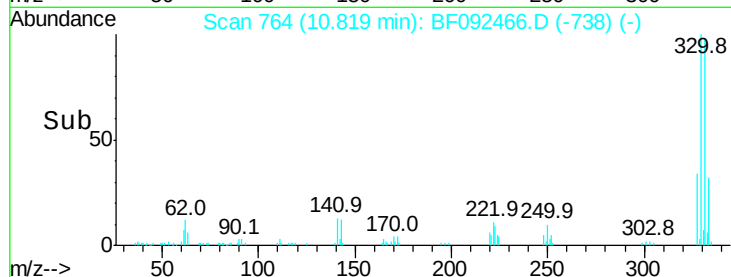
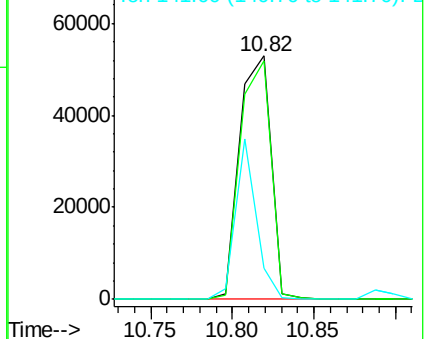
141 43.1 34.1 51.1



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: 28.08 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

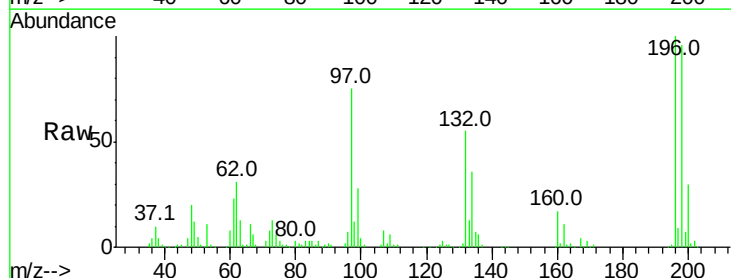
Tgt Ion:196 Resp: 221760

Ion Ratio Lower Upper

196 100

198 96.0 82.1 123.1

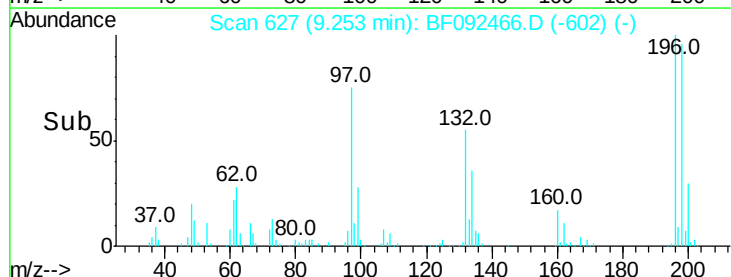
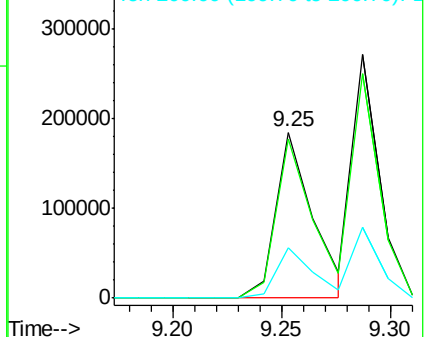
200 30.2 27.0 40.4

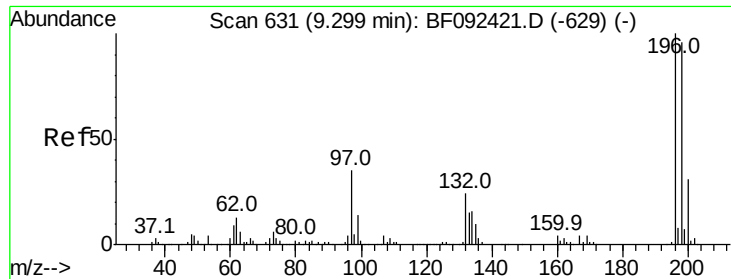


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

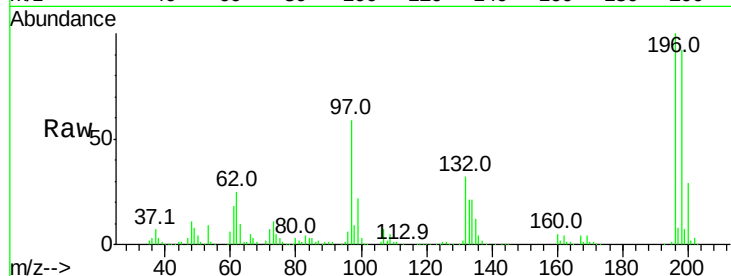




#43
 2,4,5-Trichlorophenol
 Concen: 32.85 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.3	79.4	119.2
97	59.4	51.5	77.3
132	32.5	27.4	41.2



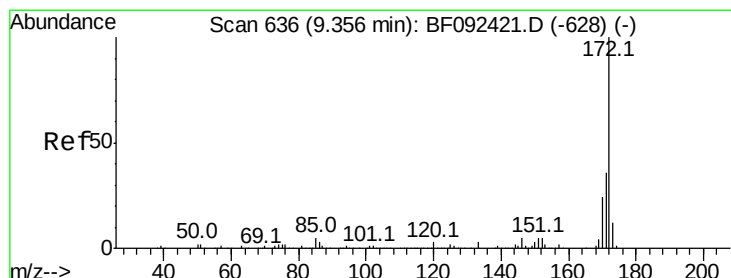
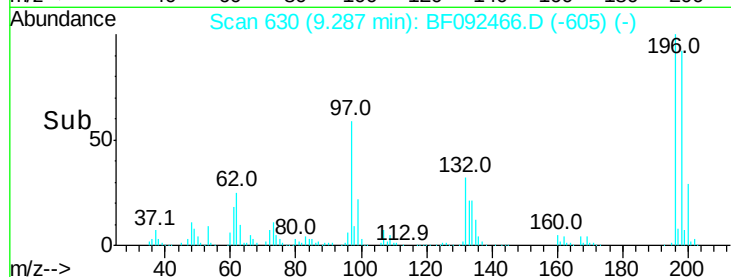
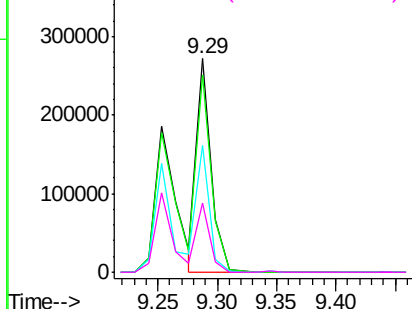
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

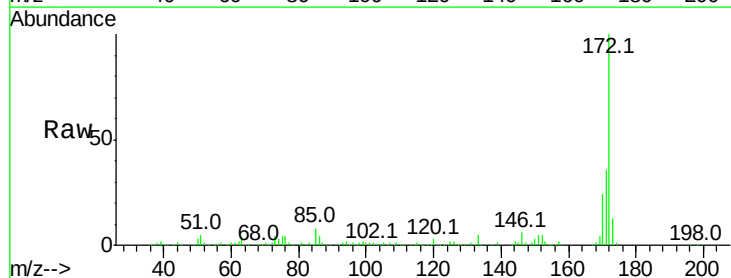
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 18.64 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	23.9	20.2	30.4

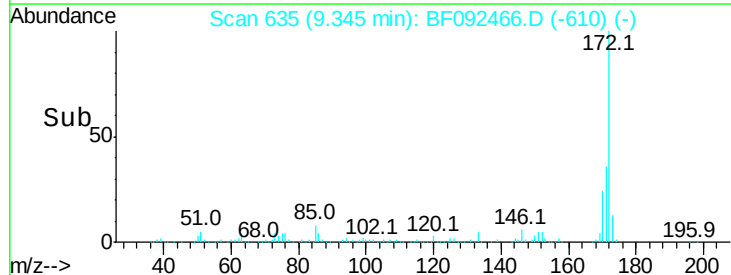
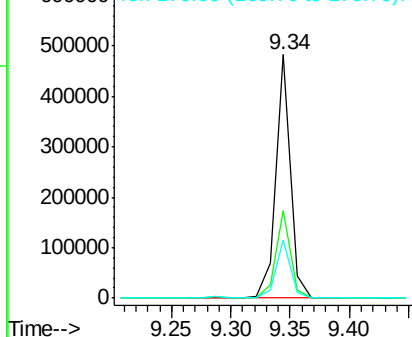


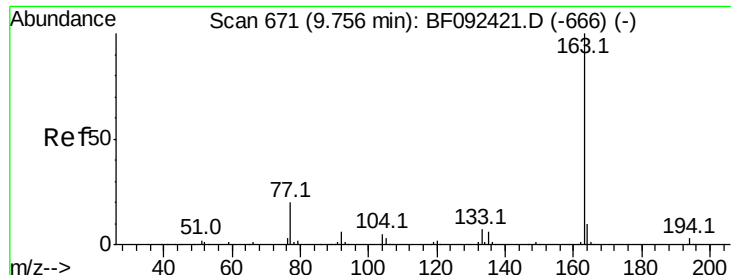
Abundance

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

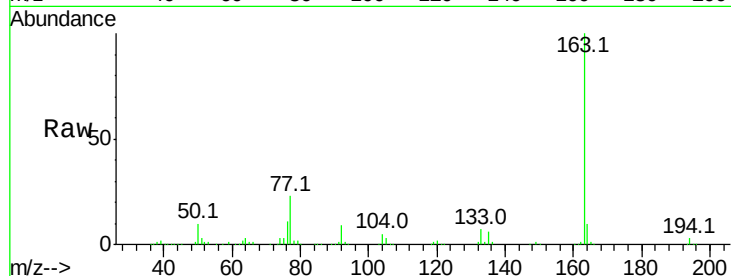




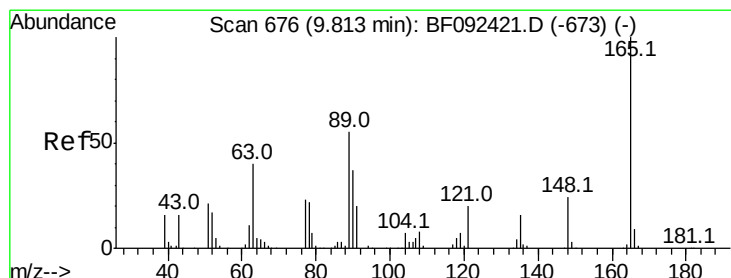
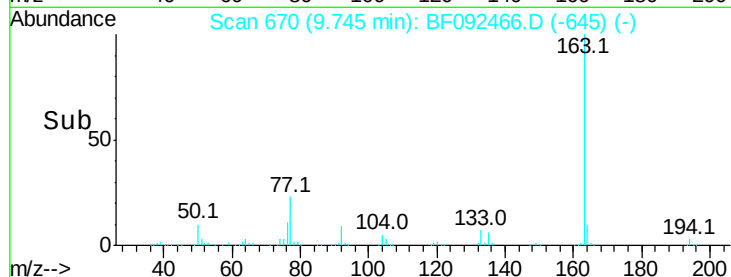
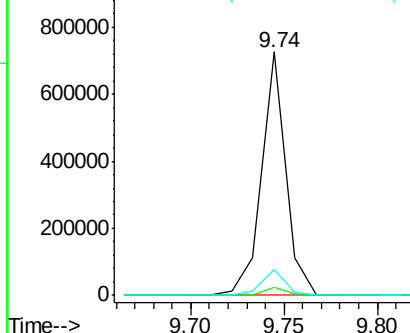
#49
Dimethylphthalate
Concen: 25.44 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 661074
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.4 8.0 12.0

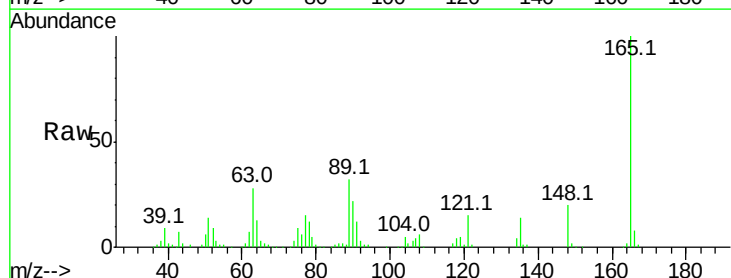


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

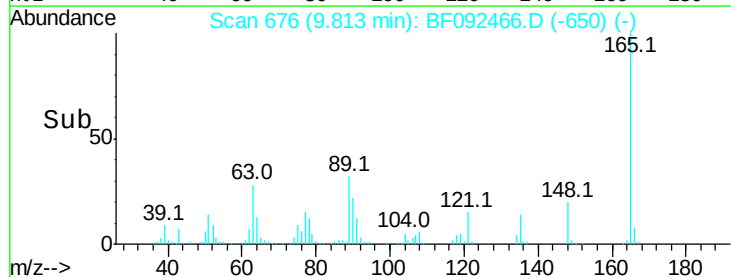
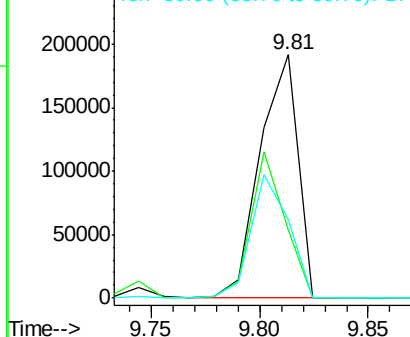


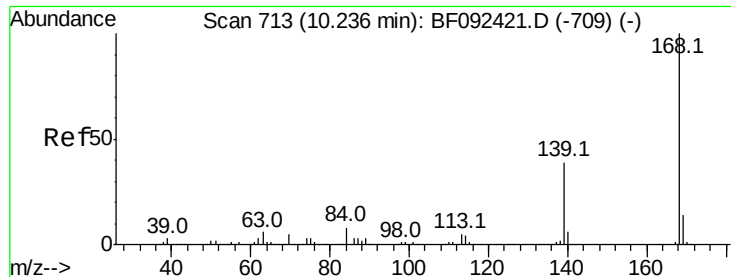
#50
2,6-Dinitrotoluene
Concen: 44.08 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Tgt Ion:165 Resp: 234181
Ion Ratio Lower Upper
165 100
63 28.3 36.2 54.4#
89 32.2 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

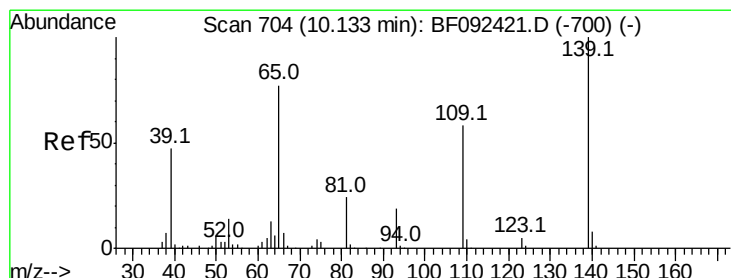
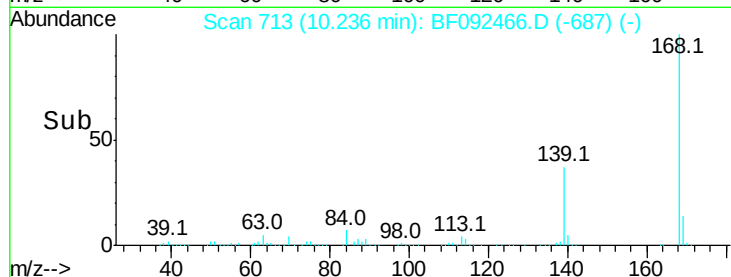
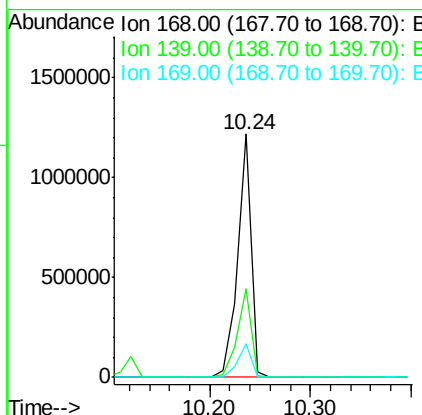
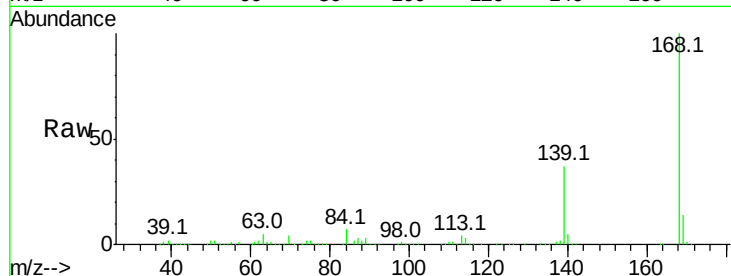




#54
Dibenzenofuran
Concen: 37.94 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

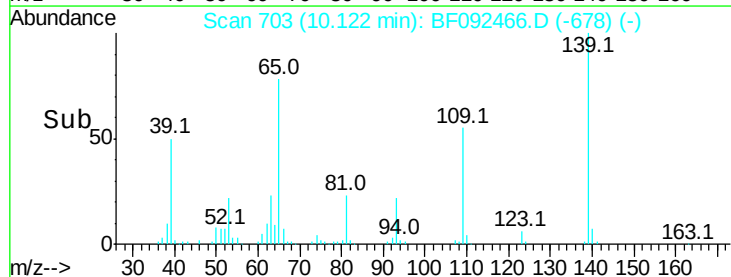
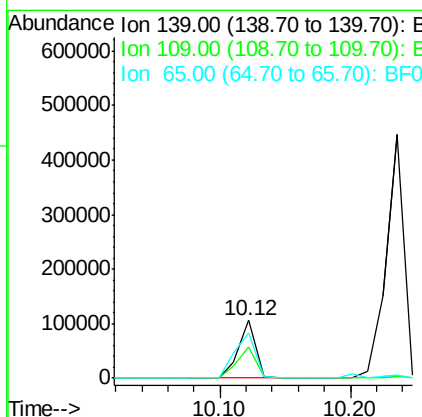
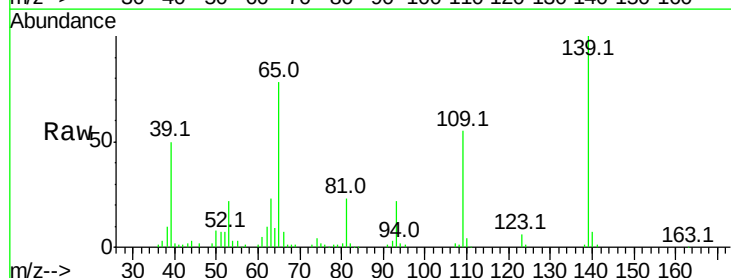
Instrument :
BNA_F
ClientSampleId :

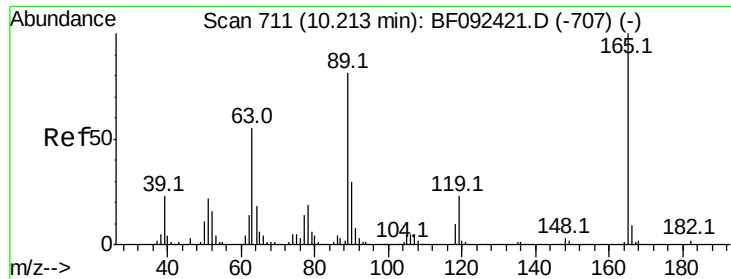
Tot Ion:168 Resp: 1133019
Ion Ratio Lower Upper
168 100
139 36.6 32.6 49.0
169 13.6 11.3 16.9



#55
4-Nitrophenol
Concen: 18.43 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Tgt Ion:139 Resp: 97394
Ion Ratio Lower Upper
139 100
109 55.1 52.2 92.2
65 77.9 85.8 125.8#

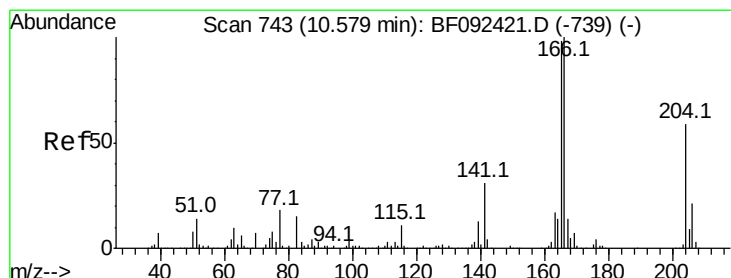
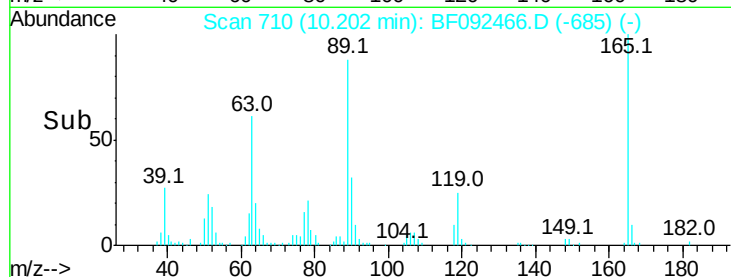
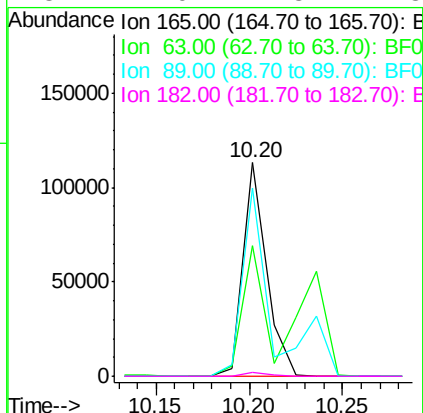
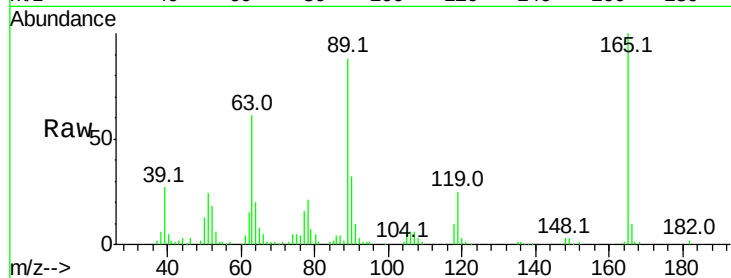




#56
 2,4-Dinitrotoluene
 Concen: 14.10 ng
 RT: 10.20 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

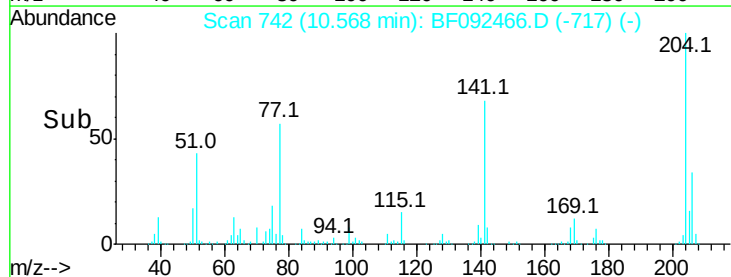
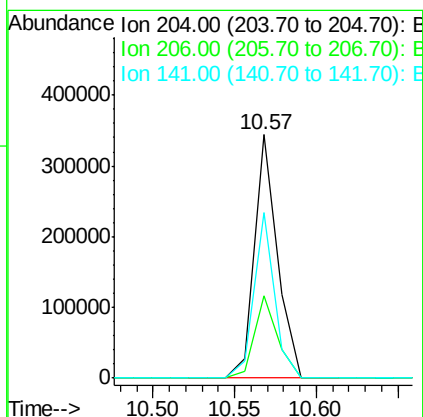
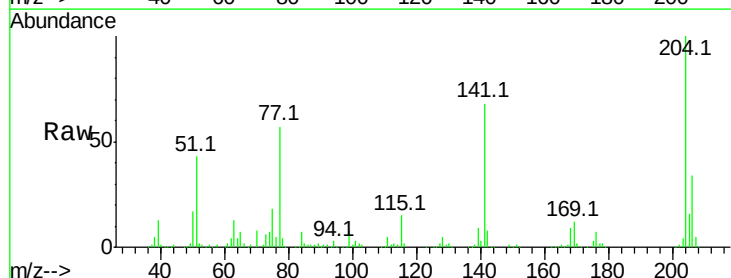
Instrument :
 BNA_F
 ClientSampleId :

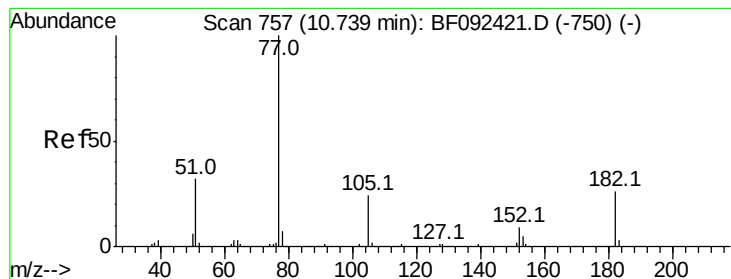
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.9	40.2	60.4#
89	88.3	62.5	93.7
182	2.0	1.8	2.8



#60
 4-Chlorophenyl-phenylether
 Concen: 31.37 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.8	38.6
141	68.1	59.4	89.0





#62

Azobenzene

Concen: 5.82 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.17 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 165022

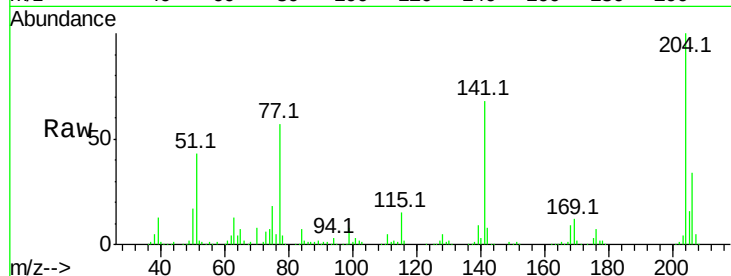
Ion Ratio Lower Upper

77 100

182 0.0 0.0 39.3

105 0.0 2.3 42.3#

51 75.4 8.9 48.9#

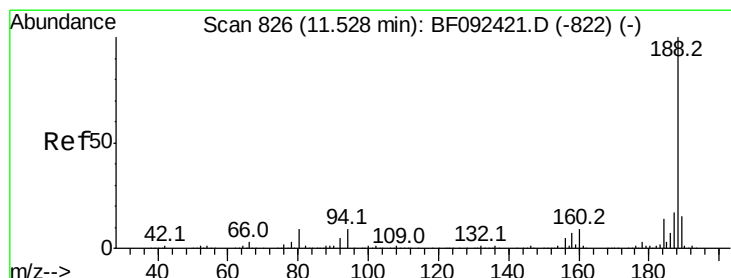
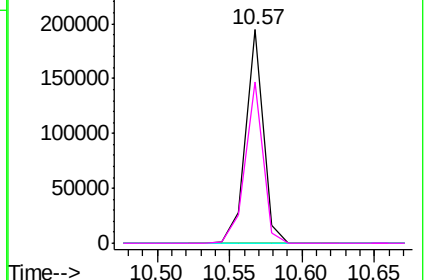
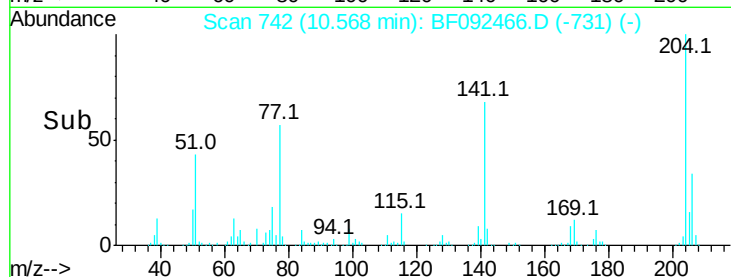


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

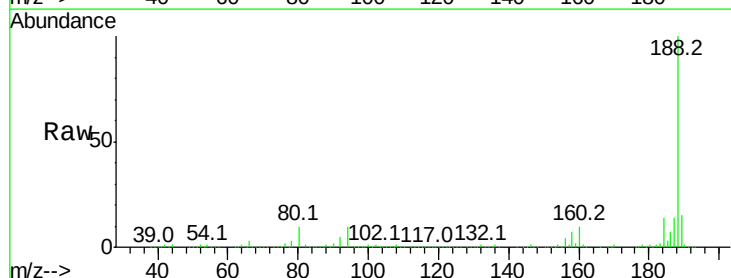
Tgt Ion: 188 Resp: 661620

Ion Ratio Lower Upper

188 100

94 10.1 10.0 15.0

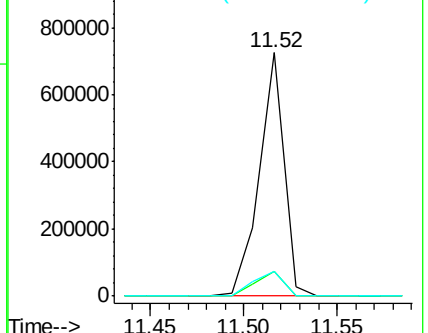
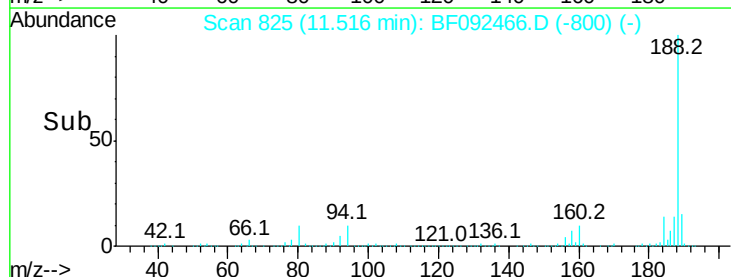
80 10.3 11.2 16.8#

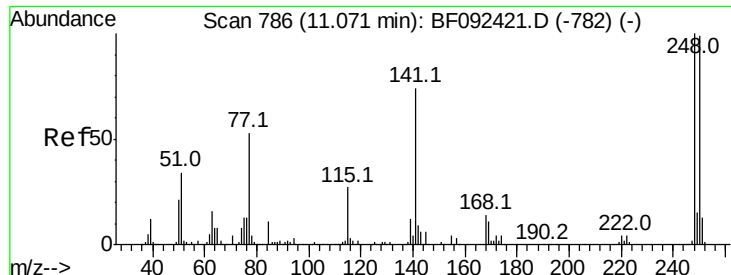


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

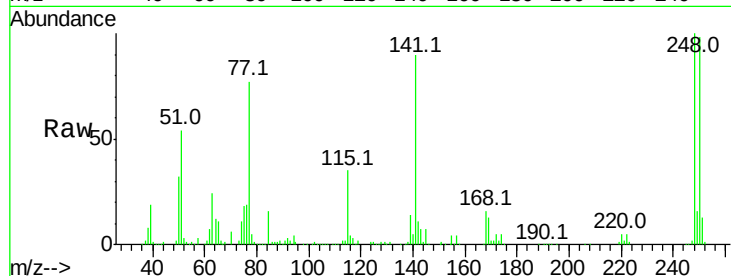




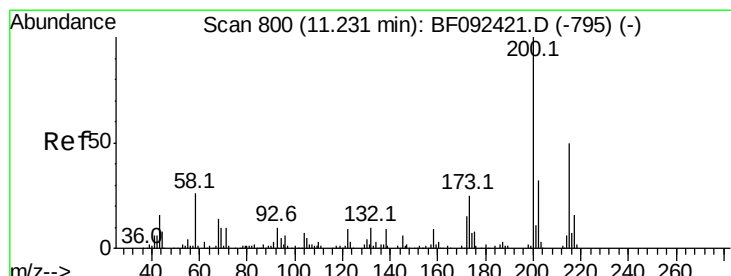
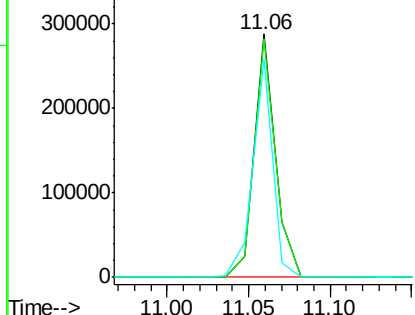
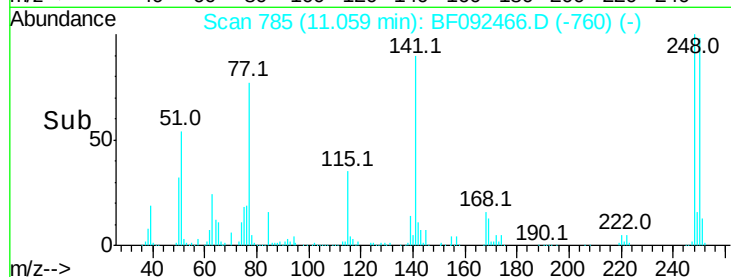
#66
 4-Bromophenyl-phenylether
 Concen: 39.15 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 261522
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.9 115.3
 141 89.6 68.2 102.4

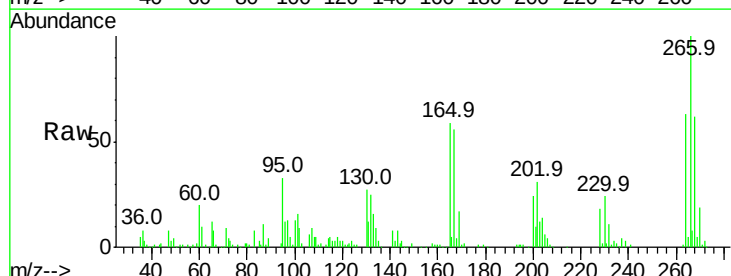


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

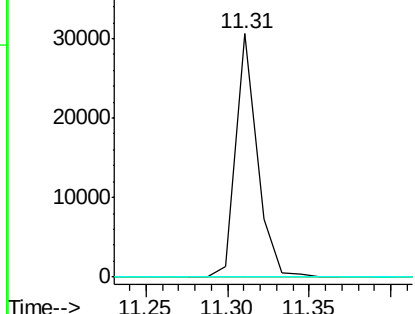
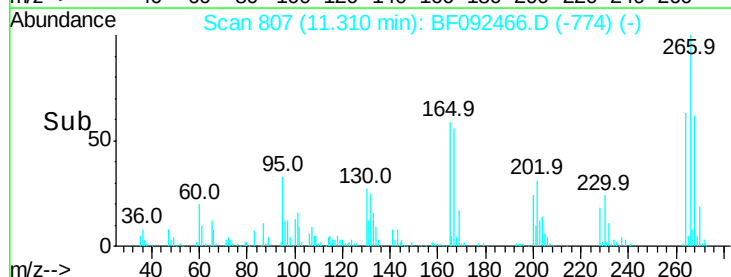


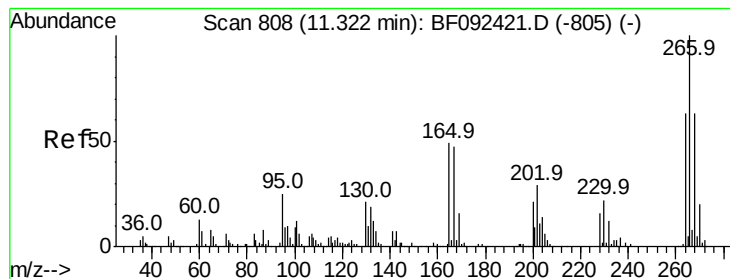
#68
 Atrazine
 Concen: 3.88 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.08 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt Ion:200 Resp: 27456
 Ion Ratio Lower Upper
 200 100
 173 0.0 9.6 49.6#
 215 0.0 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: 31.06 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

Instrument :

BNA_F

ClientSampleId :

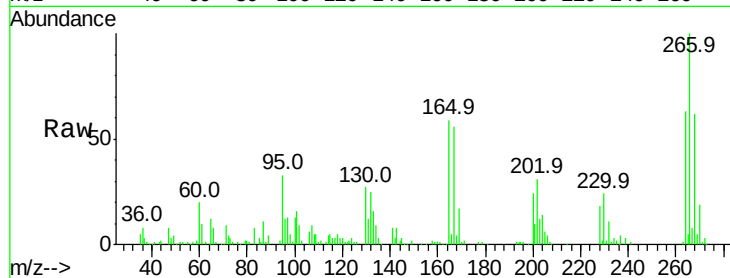
Tot Ion:266 Resp: 134098

Ion Ratio Lower Upper

266 100

268 62.0 53.3 79.9

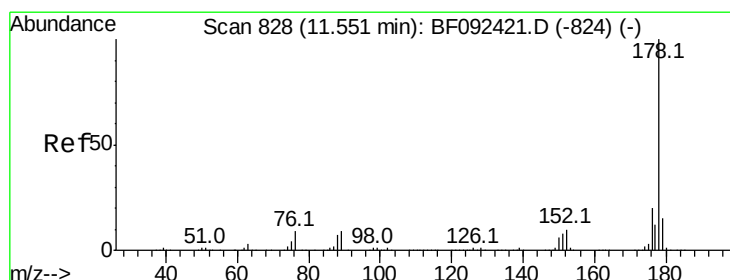
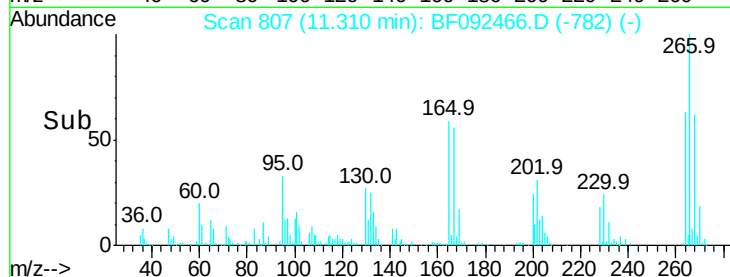
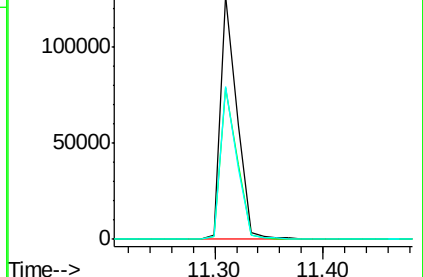
264 62.8 50.3 75.5



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: 21.23 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

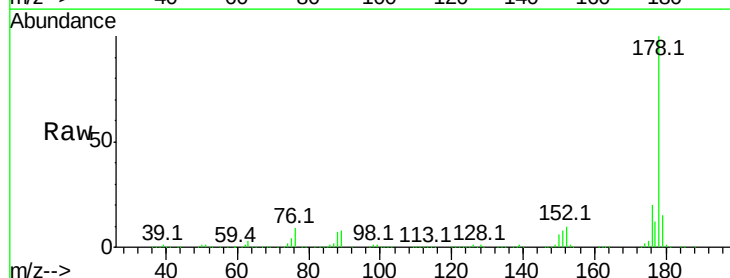
Tgt Ion:178 Resp: 773396

Ion Ratio Lower Upper

178 100

176 20.0 16.6 25.0

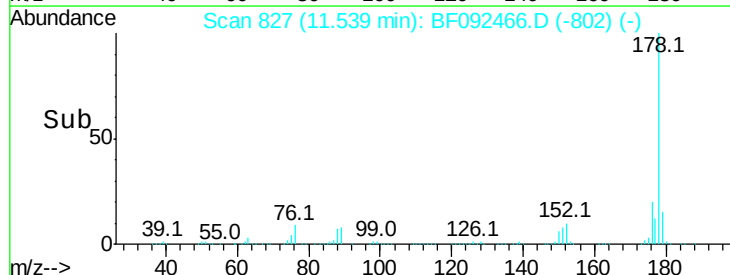
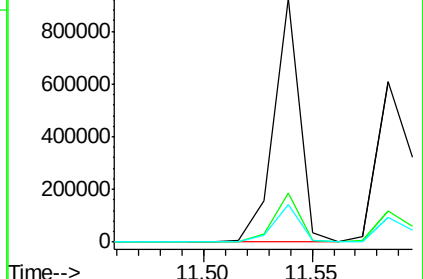
179 15.4 12.8 19.2

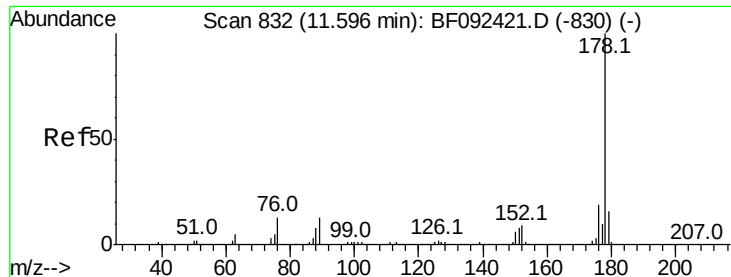


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

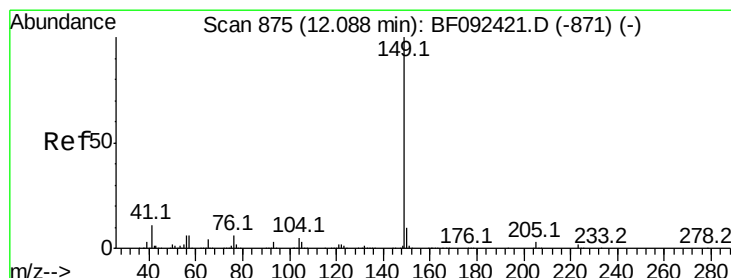
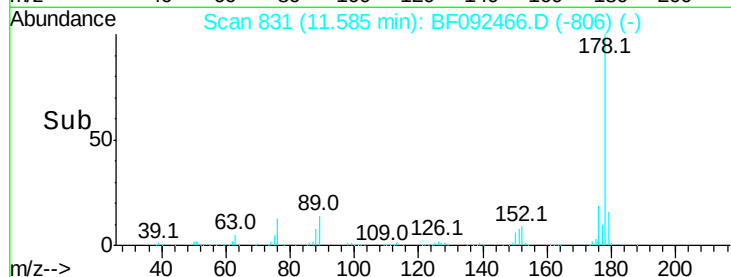
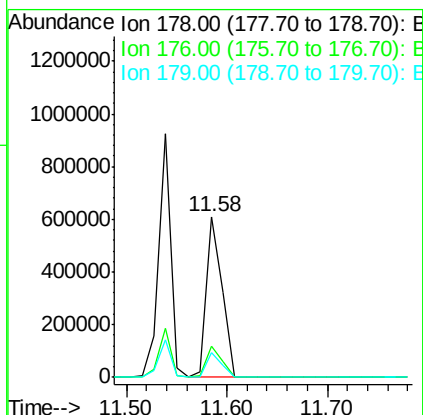
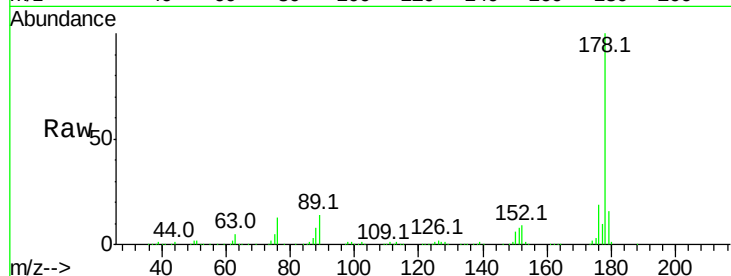




#71
 Anthracene
 Concen: 18.51 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

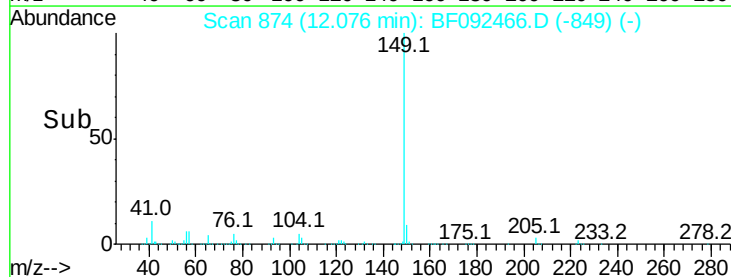
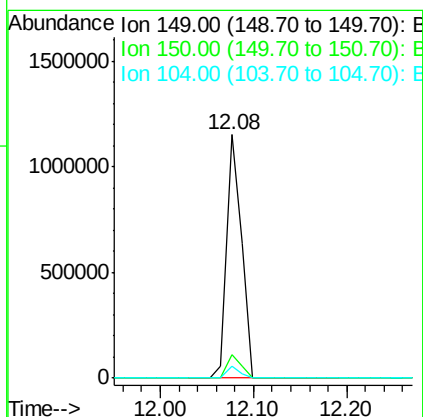
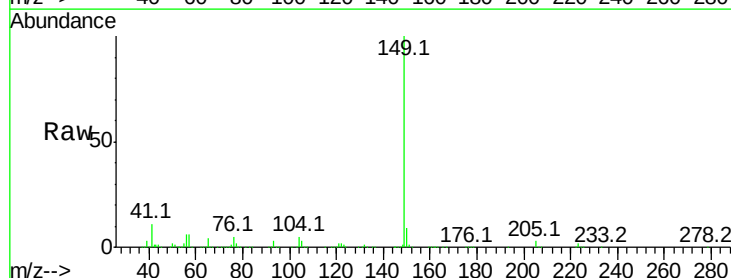
Instrument :
 BNA_F
 ClientSampleId :

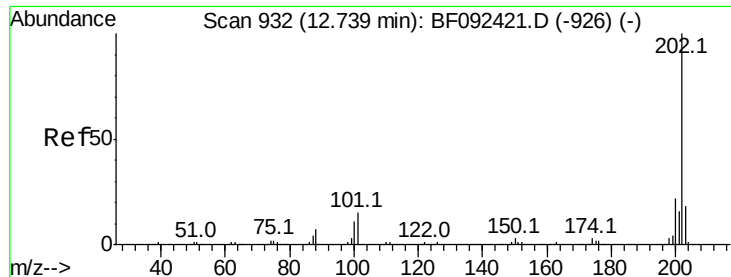
Tot Ion:178 Resp: 659030
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.7 13.2 19.8



#73
 Di-n-butylphthalate
 Concen: 32.65 ng
 RT: 12.08 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt Ion:149 Resp: 1269358
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.1 12.1
 104 4.9 4.6 7.0





#74

Fluoranthene

Concen: 37.02 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

Instrument :

BNA_F

ClientSampleId :

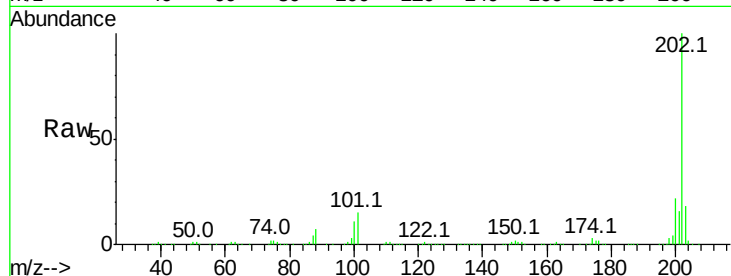
Tot Ion:202 Resp: 1319496

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.6

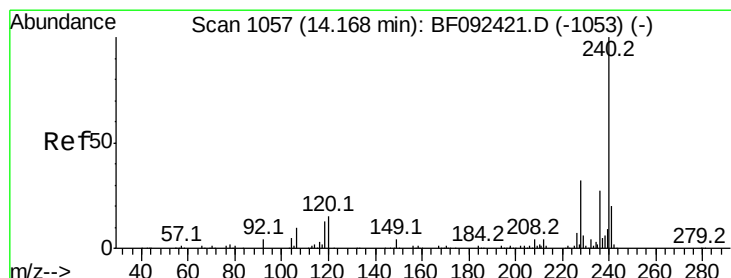
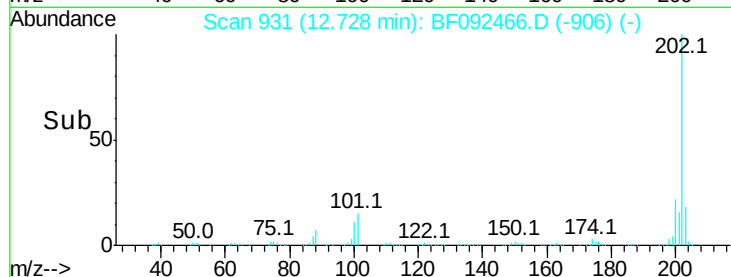
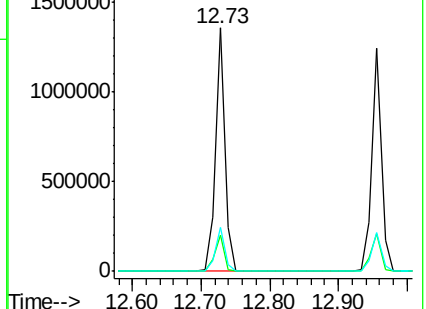
203 17.9 0.0 38.7



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: BF092466.D

Acq: 25 Jan 2017 10:31

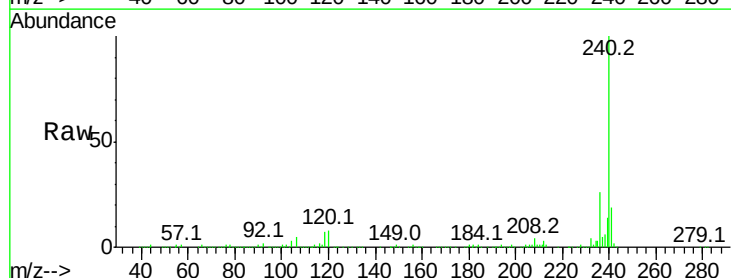
Tgt Ion:240 Resp: 535654

Ion Ratio Lower Upper

240 100

120 8.0 12.9 19.3#

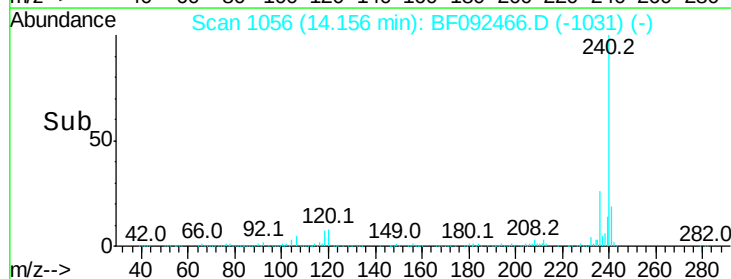
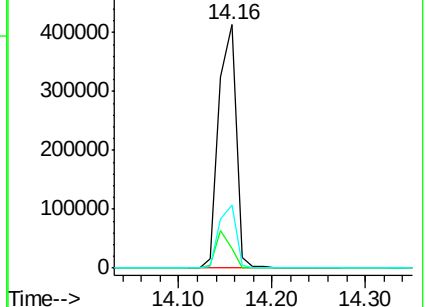
236 25.9 20.9 31.3

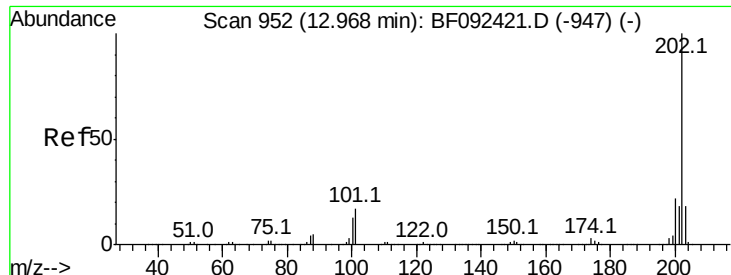


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

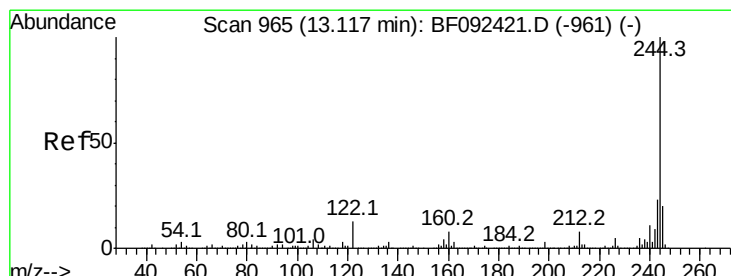
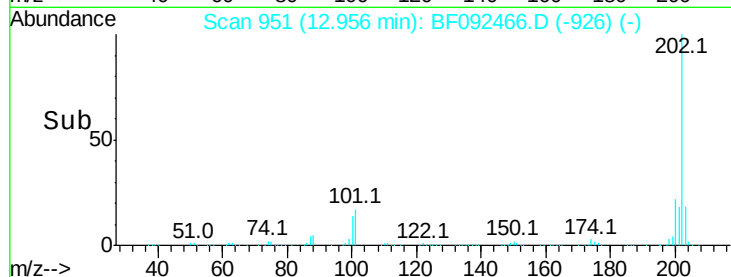
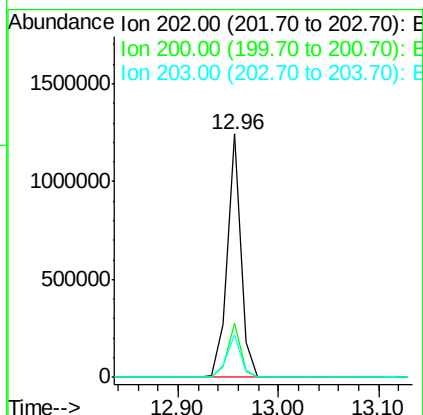
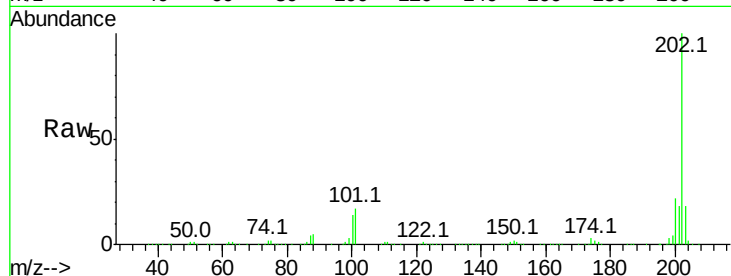




#77
Pvrene
Concen: 30.25 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

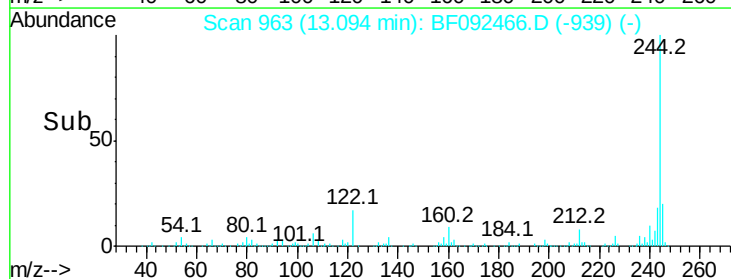
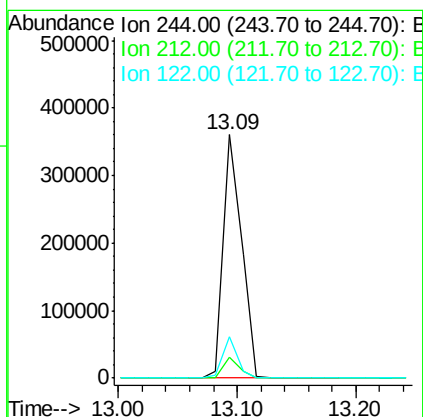
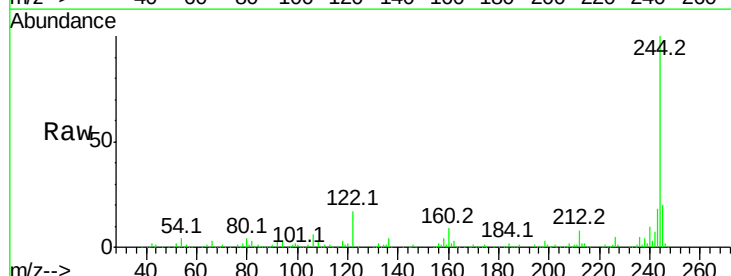
Instrument :
BNA_F
ClientSampleId :

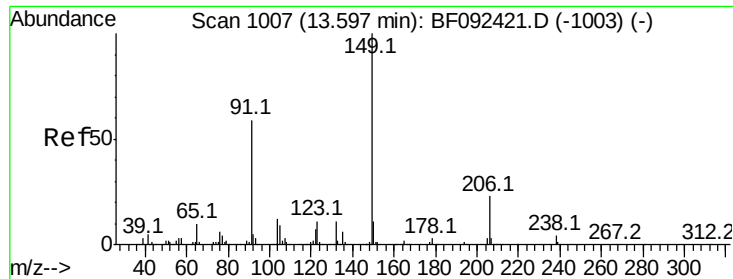
Tot Ion:202 Resp: 1174175
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 17.6 14.7 22.1



#78
Terphenyl-d14
Concen: 19.00 ng
RT: 13.09 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Tgt Ion:244 Resp: 382250
Ion Ratio Lower Upper
244 100
212 8.4 6.2 9.2
122 16.7 11.4 17.2

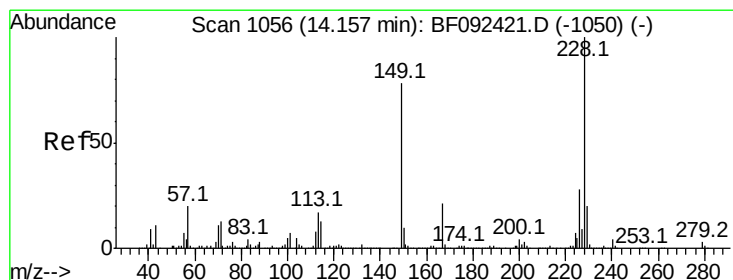
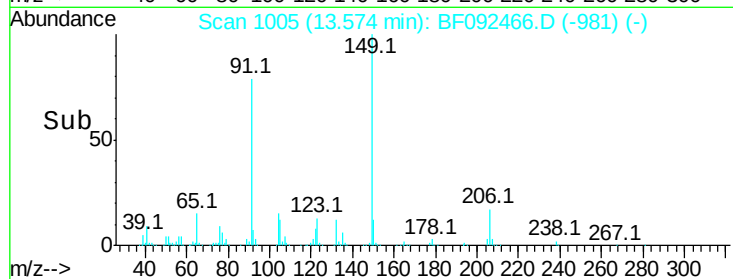
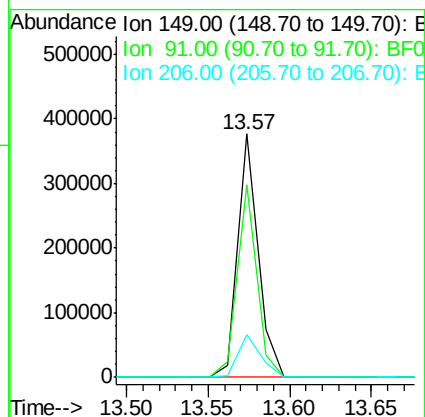
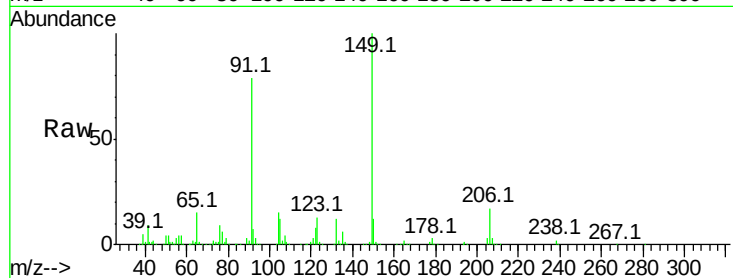




#79
Butylbenzylphthalate
Concen: 20.52 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

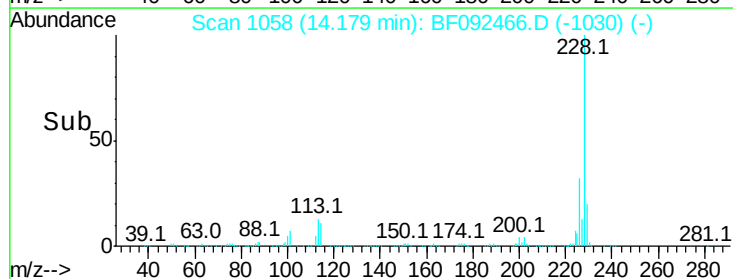
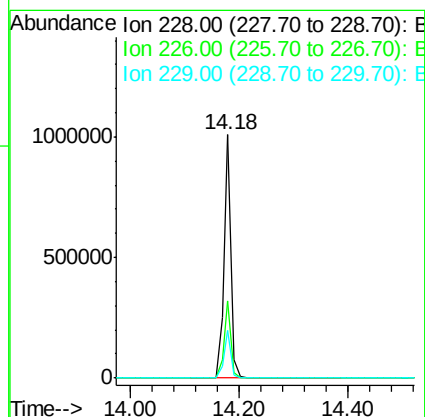
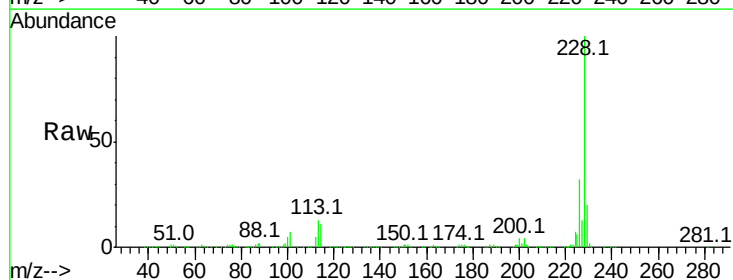
Instrument :
BNA_F
ClientSampled :

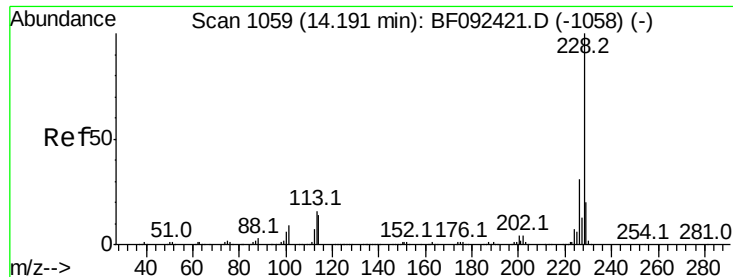
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.8	63.9	95.9
206	17.4	14.6	21.8



#80
Benzo(a)anthracene
Concen: 32.53 ng
RT: 14.18 min Scan# 1058
Delta R.T. 0.02 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.4	33.6
229	19.8	16.2	24.4

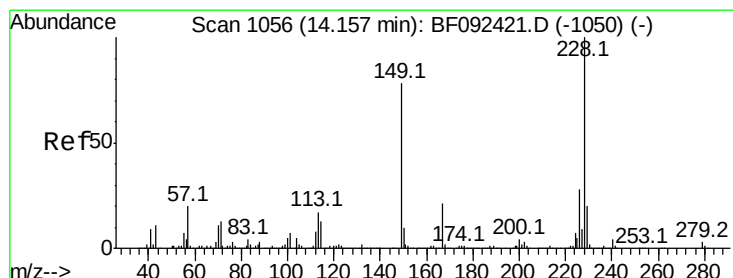
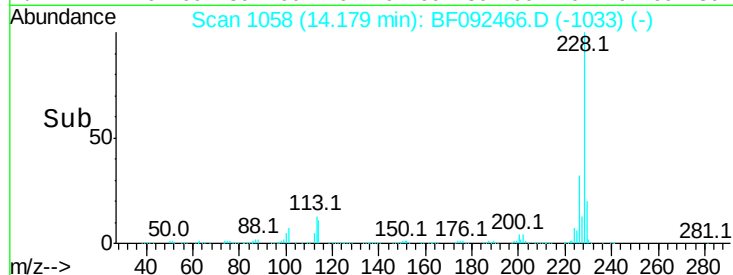
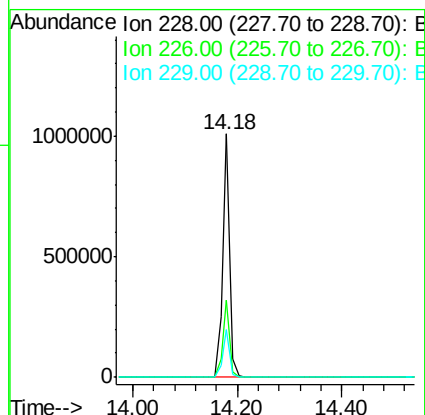
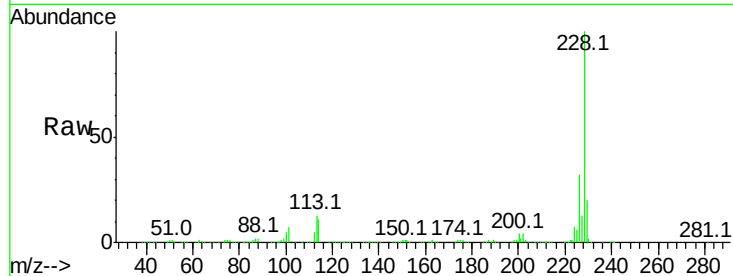




#82
 Chrysene
 Concen: 30.46 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

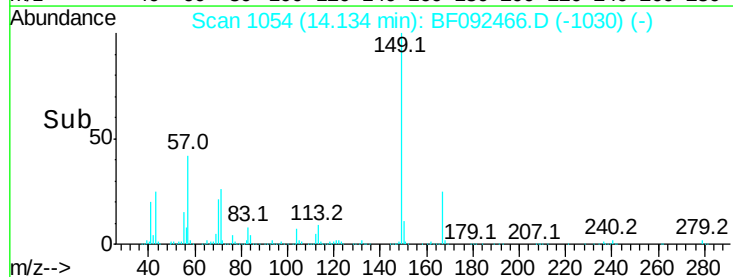
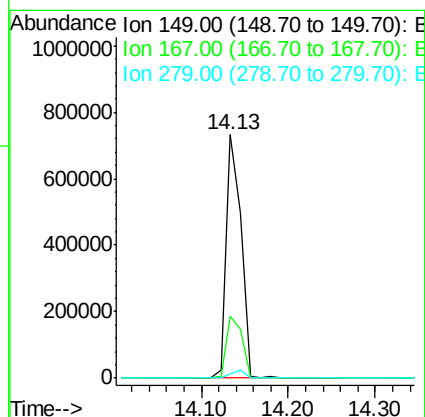
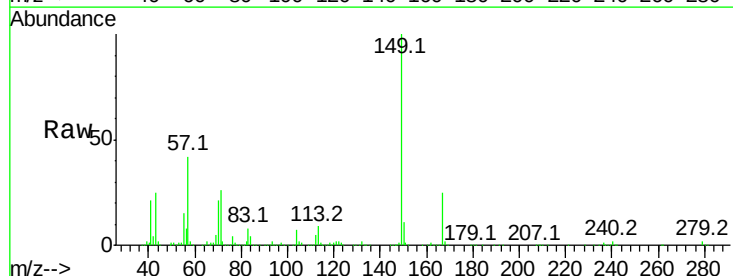
Instrument :
 BNA_F
 ClientSampled :

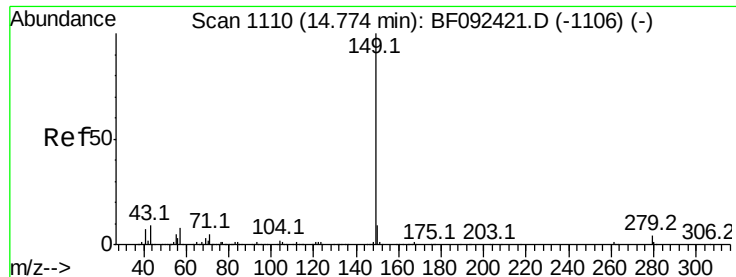
Tot Ion:228 Resp: 936592
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.4 38.0
 229 19.8 16.2 24.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.08 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt Ion:149 Resp: 872798
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.2 30.4
 279 1.9 1.8 2.8





#84

Di-n-octyl phthalate

Concen: 40.53 ng

RT: 14.75 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

Instrument :

BNA_F

ClientSampleId :

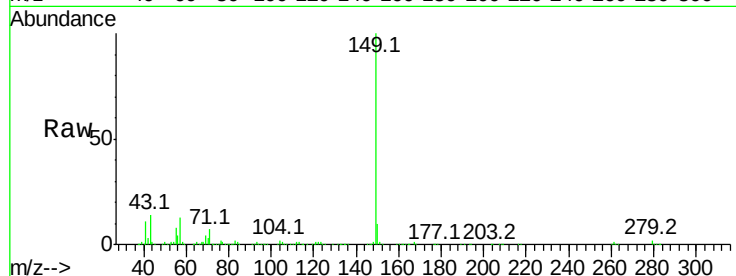
Tot Ion:149 Resp: 1457035

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

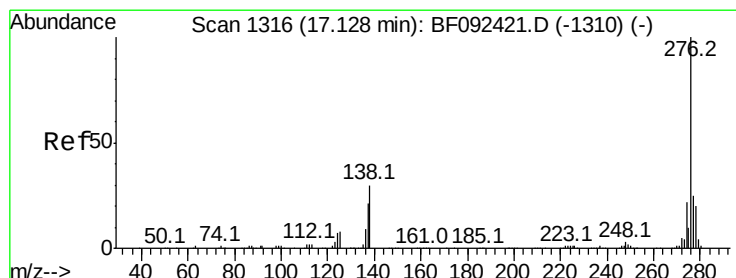
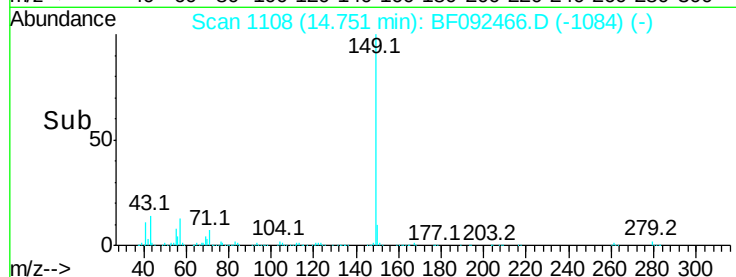
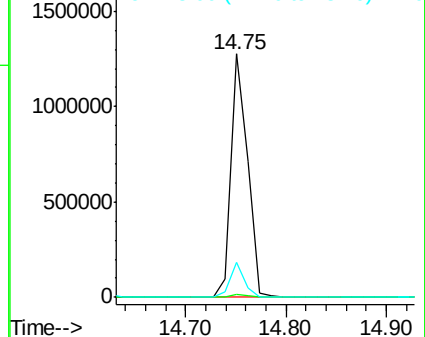
43 12.3 8.9 13.3



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: 29.88 ng

RT: 17.12 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

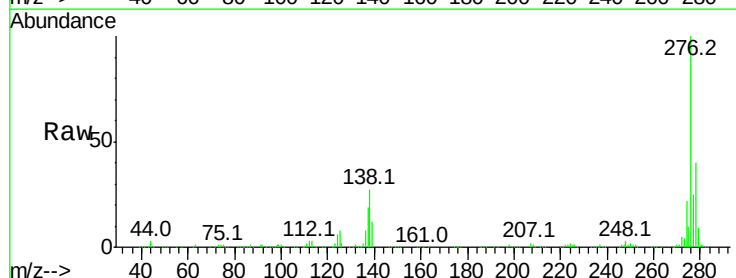
Tgt Ion:276 Resp: 679644

Ion Ratio Lower Upper

276 100

138 30.4 21.8 32.6

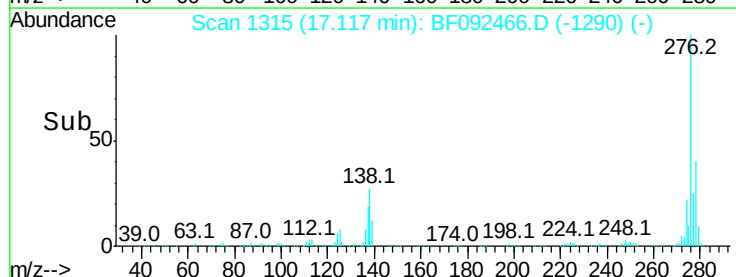
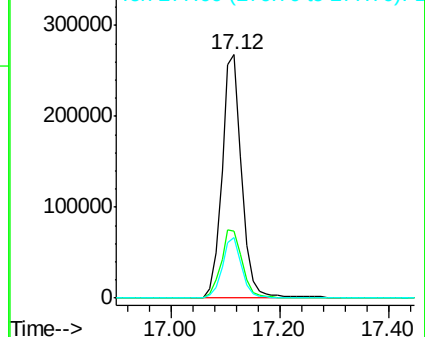
277 24.6 20.2 30.4

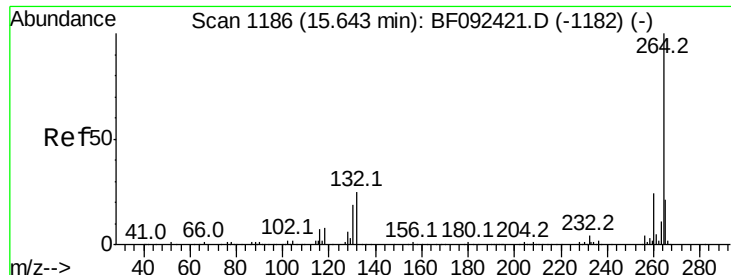


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

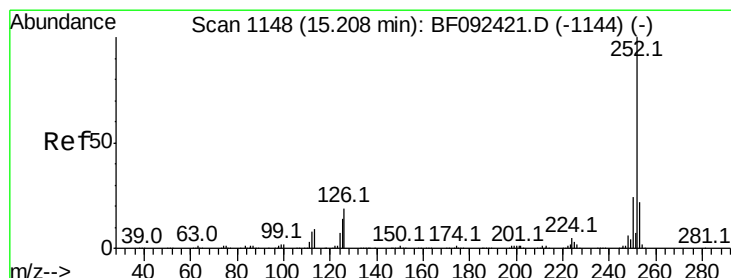
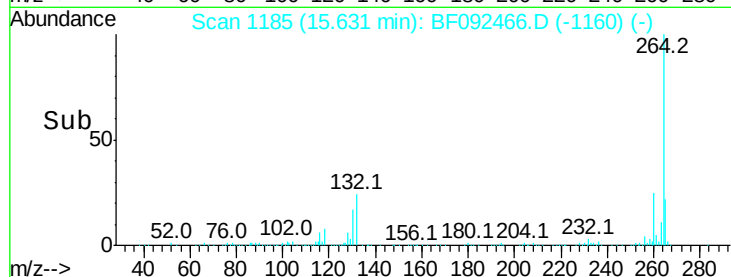
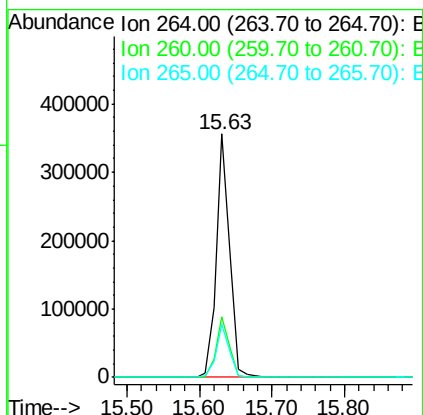
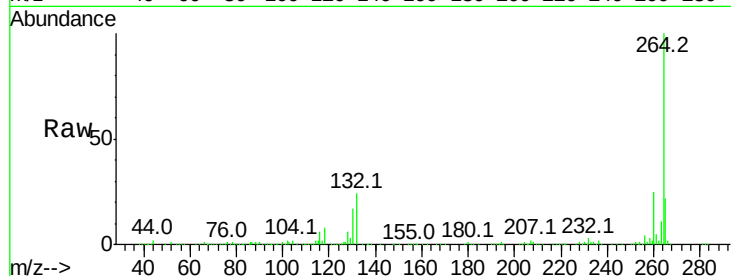




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

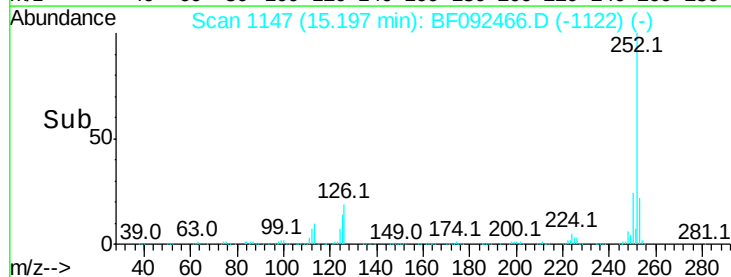
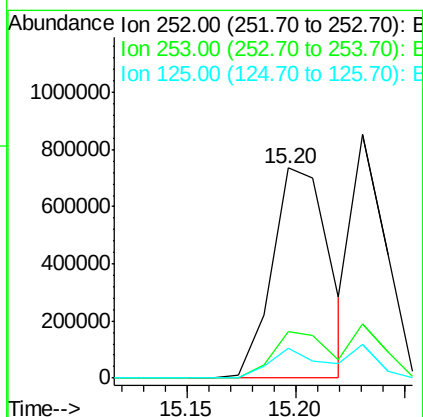
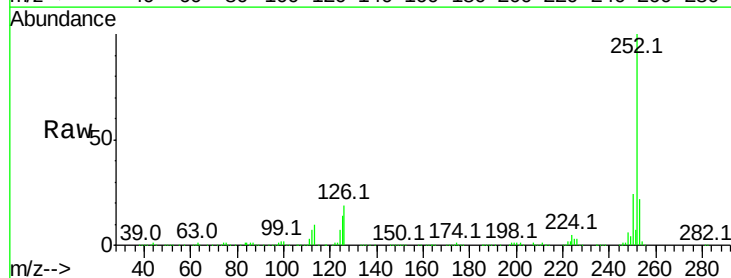
Instrument :
BNA_F
ClientSampleId :

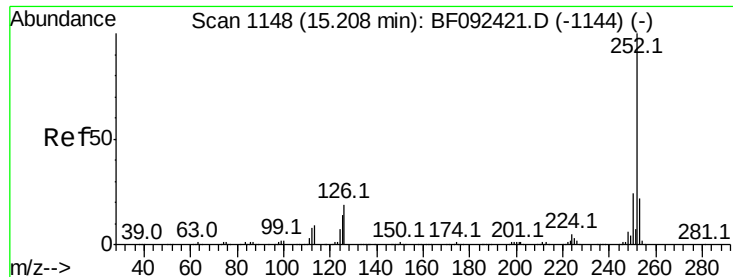
Tot Ion:264 Resp: 450031
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.6 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 46.36 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Tgt Ion:252 Resp: 1339411
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 14.1 9.8 14.6

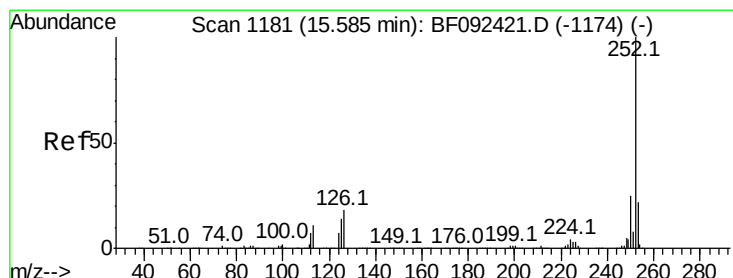
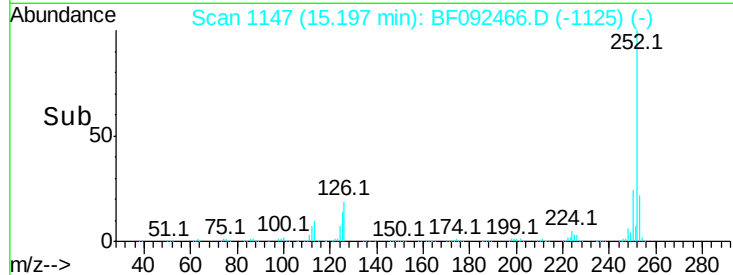
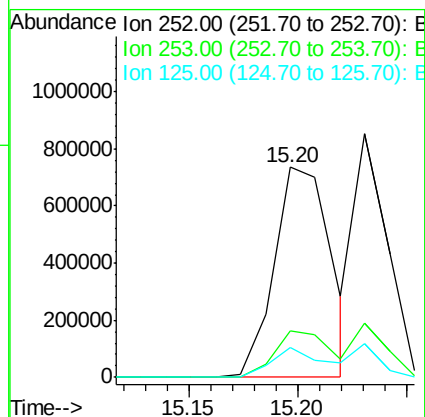
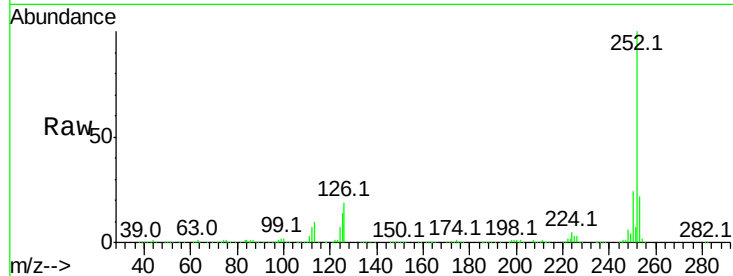




#88
Benzo(k)fluoranthene
Concen: 55.75 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

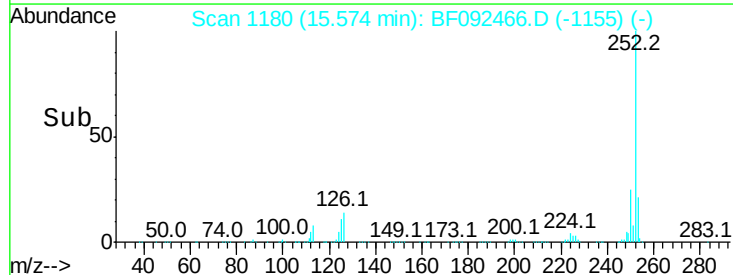
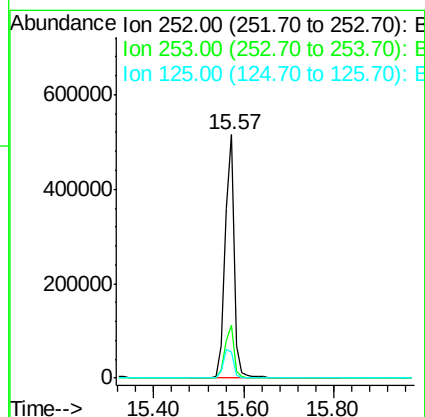
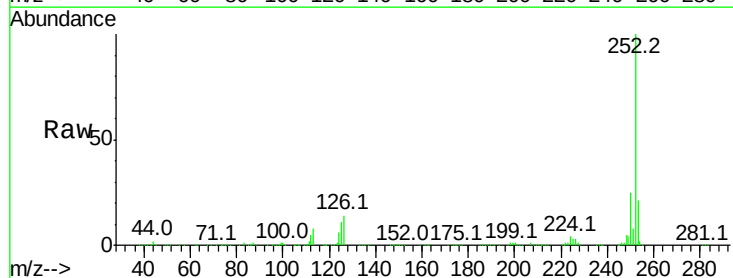
Instrument :
BNA_F
ClientSampled :

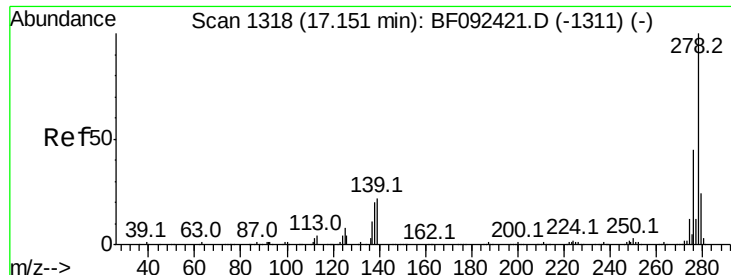
Tot Ion:252 Resp: 1339411
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 14.1 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 29.45 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Tgt Ion:252 Resp: 719666
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 10.7 10.0 15.0





#90

Dibenzo(a,h)anthracene

Concen: 19.50 ng

RT: 17.13 min Scan# 1316

Delta R.T. -0.02 min

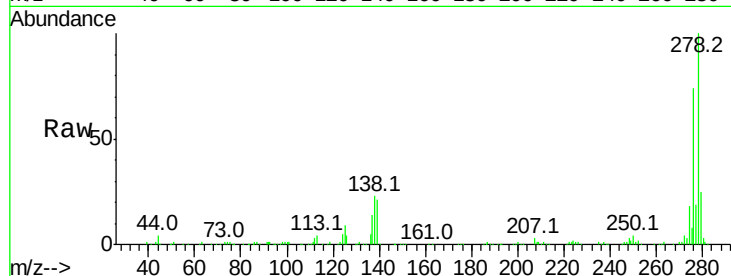
Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

Instrument :

BNA_F

ClientSampleId :



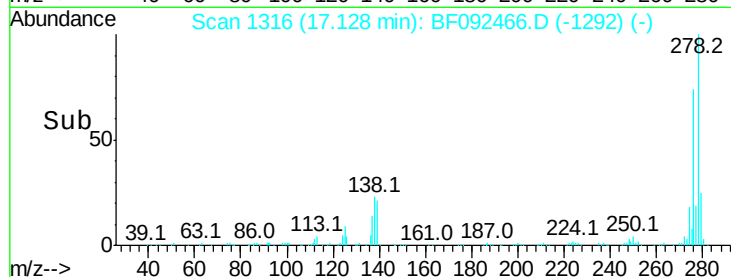
Tot Ion: 278 Resp: 385395

Ion Ratio Lower Upper

278 100

139 21.3 14.8 22.2

279 24.5 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

