

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 :
 0024DL

Quant Time: Jan 25 12:17:14 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		
8) 2-Chlorophenol	6.75	128	258215	21.72	ng	94
11) bis(2-Chloroethyl)ether	6.69	93	135122	10.38	ng	88
13) 1,4-Dichlorobenzene	6.99	146	303382	21.44	ng	94
14) 1,2-Dichlorobenzene	7.14	146	398606	29.69	ng	99
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
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
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
66) 4-Bromophenyl-phenylether	11.06	248	261522	39.15	ng	97
69) Pentachlorophenol	11.31	266	134098	31.06	ng	97
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
82) Chrysene	14.18	228	936592	30.46	ng	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	872798	44.08	ng	100

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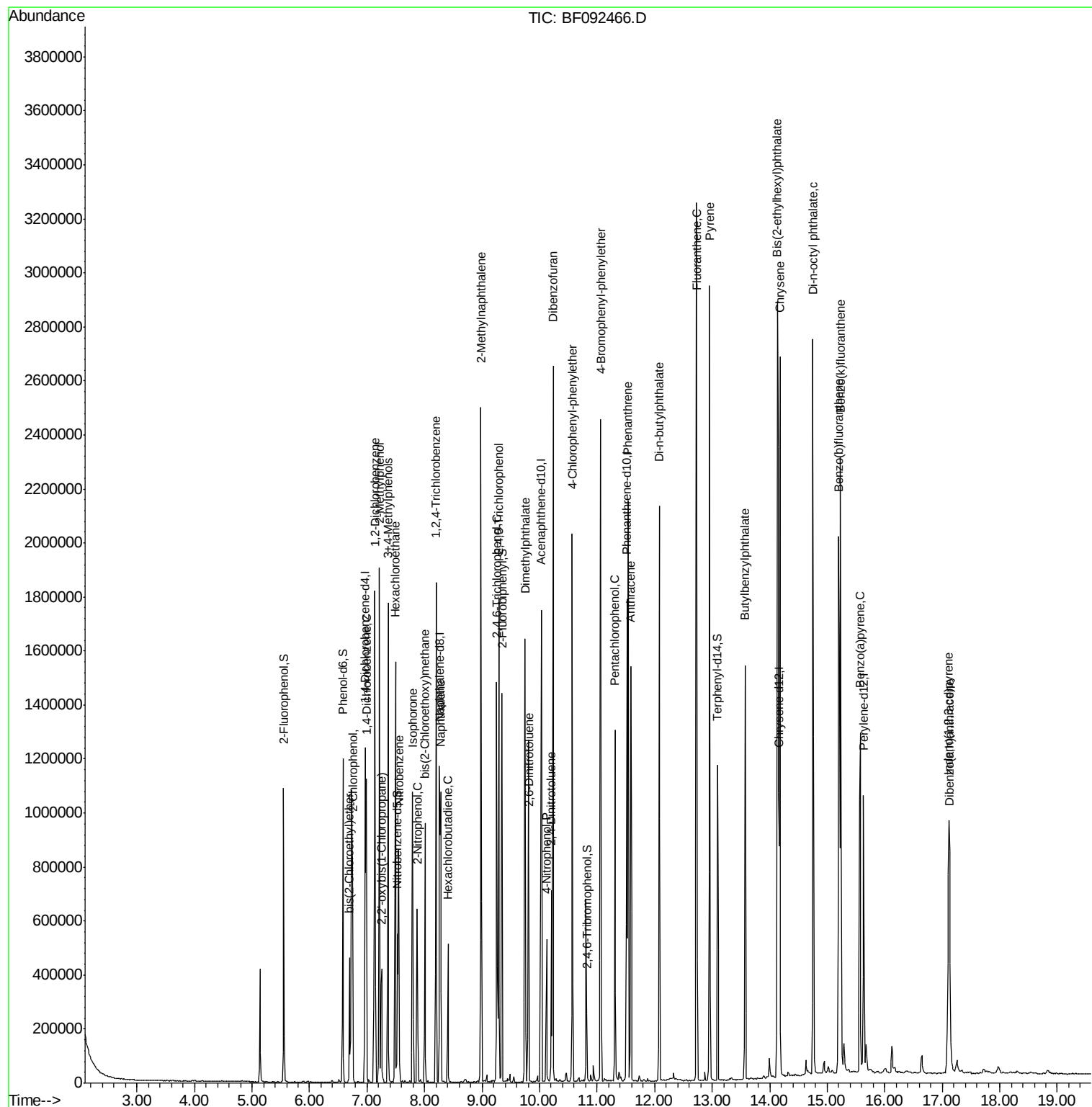
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.75	149	1457035	40.53	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	679644	29.88	nq	96
87) Benzo(b)fluoranthene	15.20	252	1339411	46.36	nq	98
88) Benzo(k)fluoranthene	15.23	252	923477m	38.44	nq	
89) Benzo(a)pyrene	15.57	252	719666	29.45	nq	97
90) Dibenzo(a,h)anthracene	17.13	278	385395	19.50	nq	97

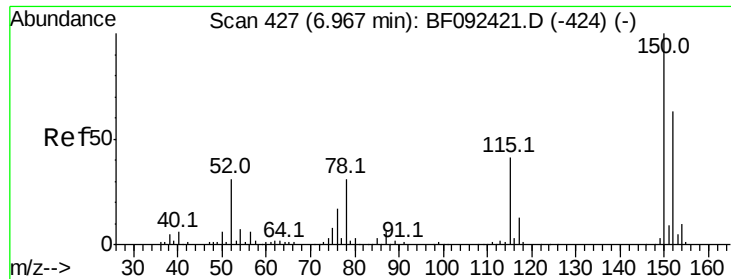
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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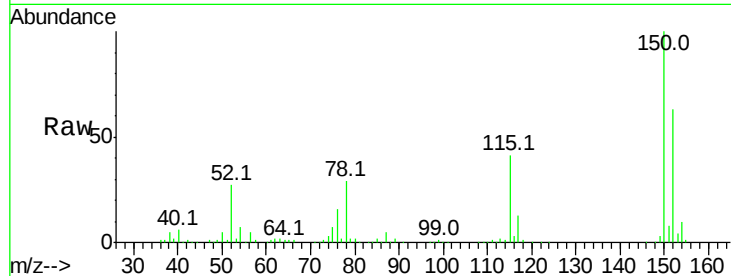


#1

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 :
0024DL

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

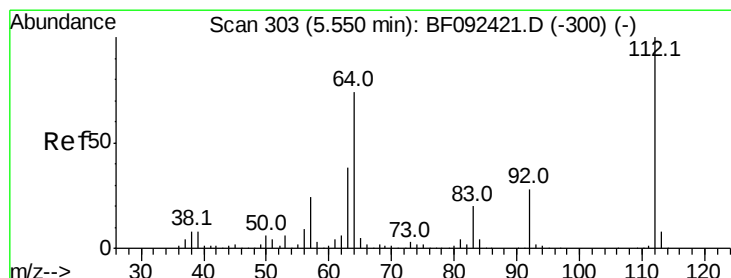
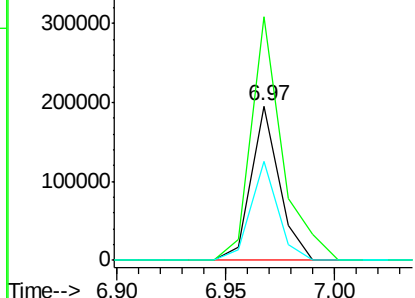
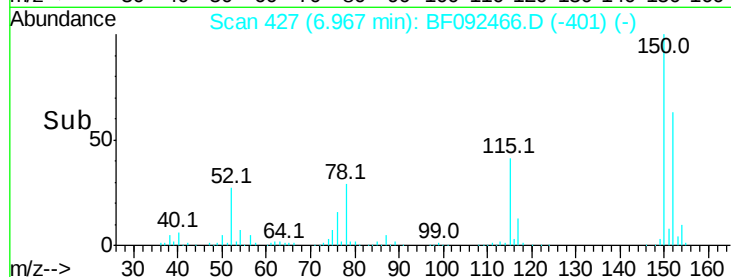


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

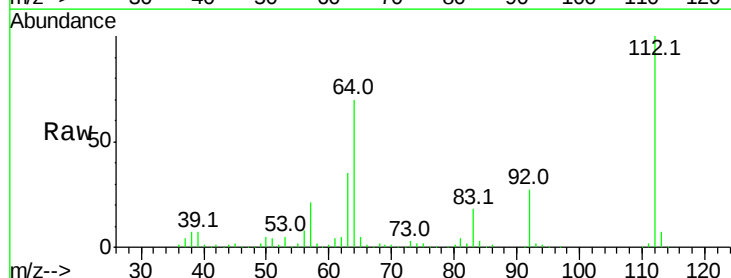
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
112	100		
64	69.7	46.1	69.1#
63	34.6	23.8	35.6

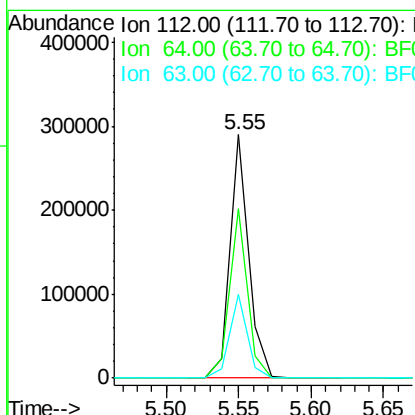
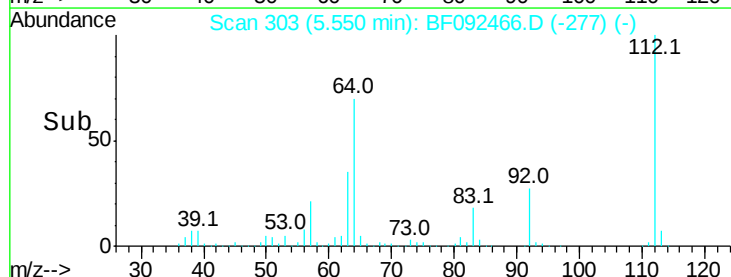


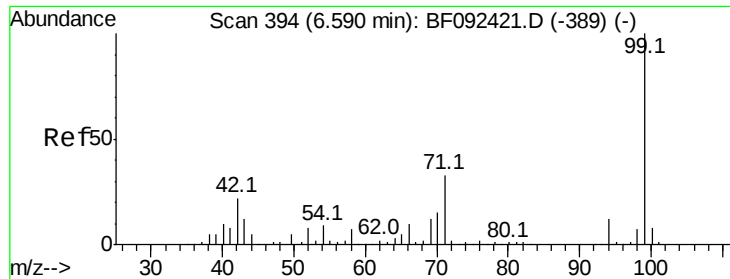
Abundance

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





#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

Instrument :

BNA_F

ClientSampleId :

0024DL

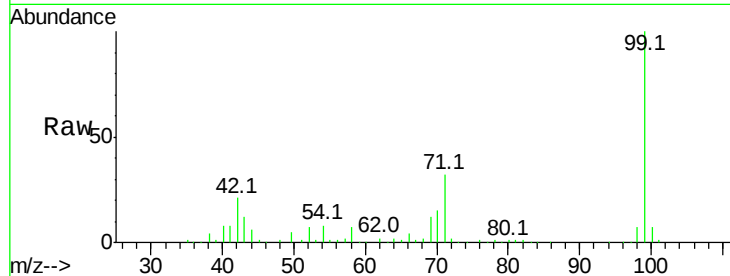
Tot Ion: 99 Resp: 350342

Ion Ratio Lower Upper

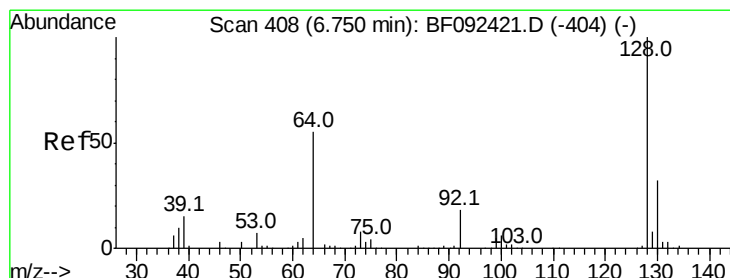
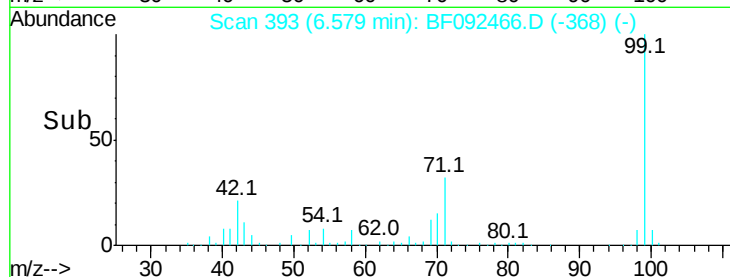
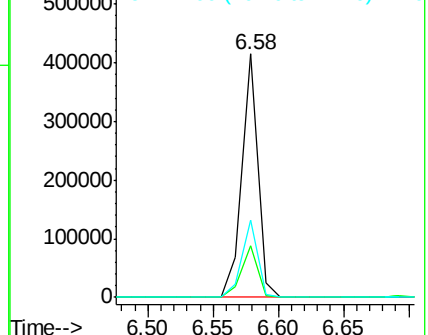
99 100

42 21.3 15.6 23.4

71 31.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 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

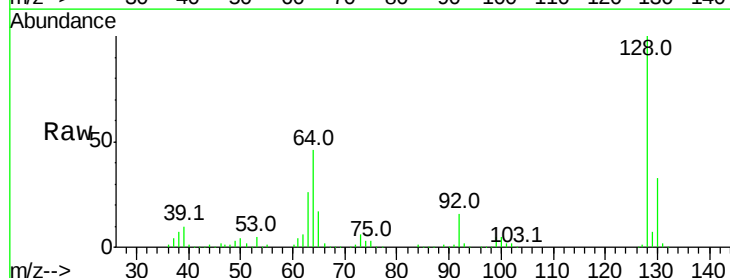
Tgt Ion:128 Resp: 258215

Ion Ratio Lower Upper

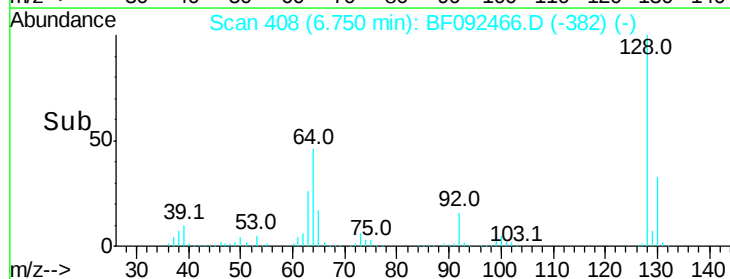
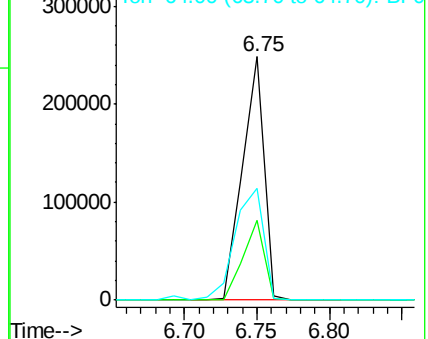
128 100

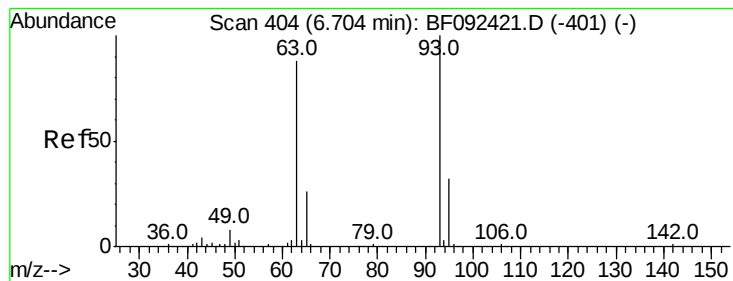
130 32.6 12.3 52.3

64 46.1 32.2 72.2



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

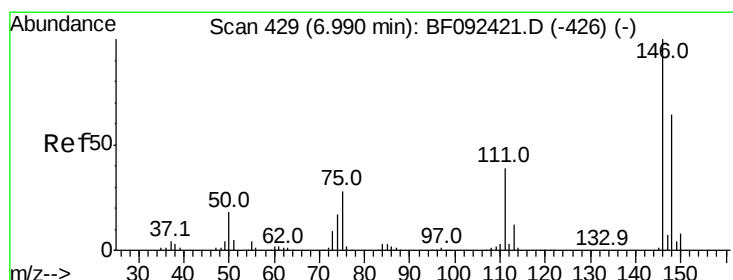
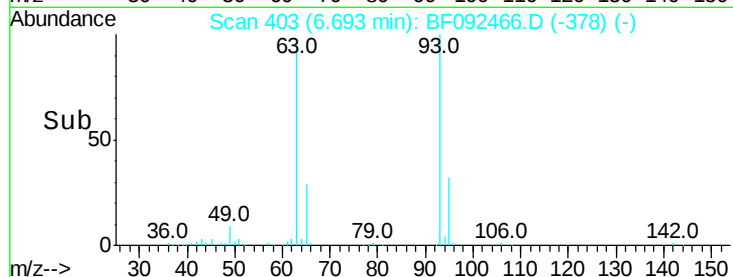
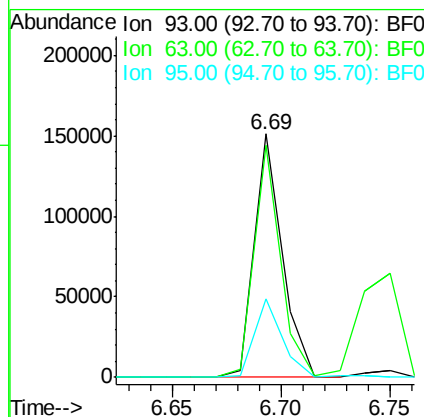
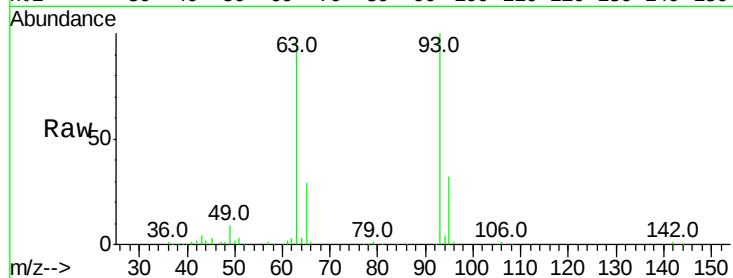




#11
bis(2-Chloroethyl)ether
Concen: 10.38 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

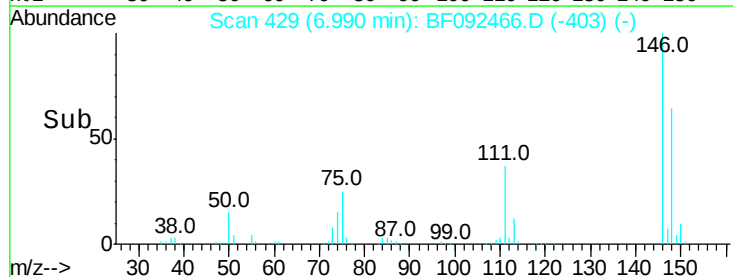
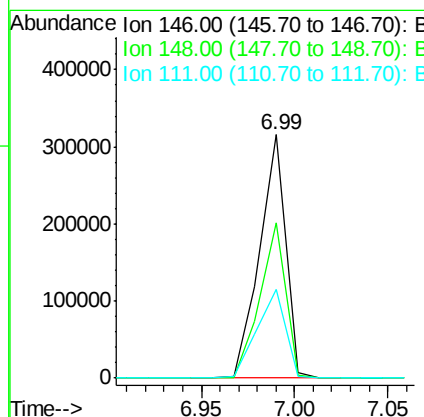
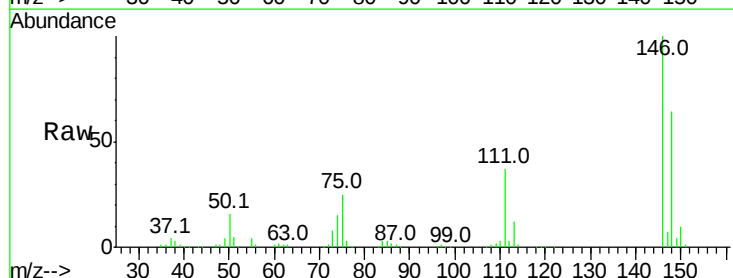
Instrument :
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ClientSampleId :
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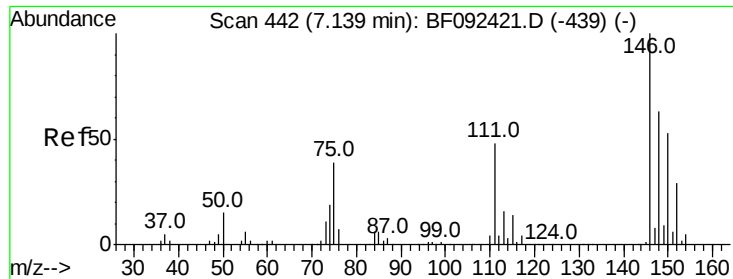
Tot Ion: 93 Resp: 135122
Ion Ratio Lower Upper
93 100
63 95.5 60.4 100.4
95 32.4 12.8 52.8



#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





#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 :

0024DL

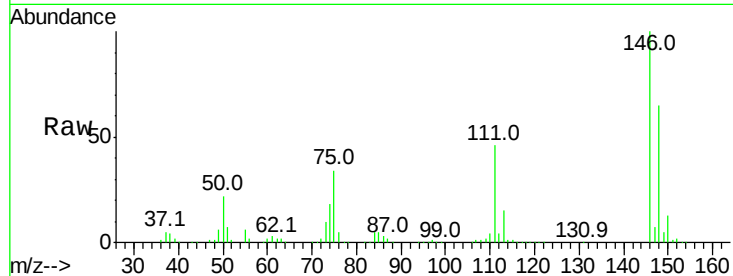
Tot Ion:146 Resp: 398606

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

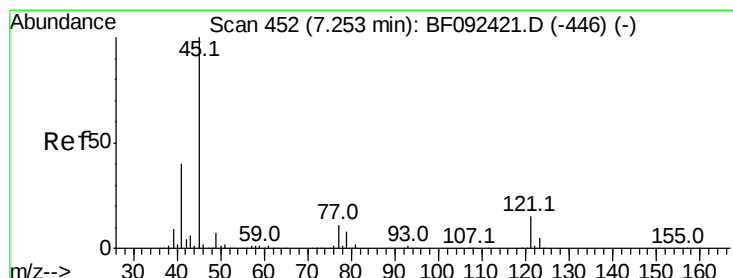
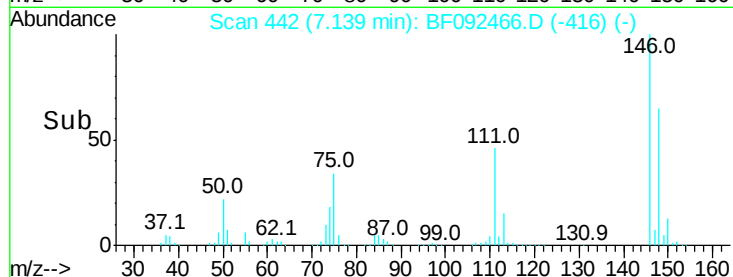
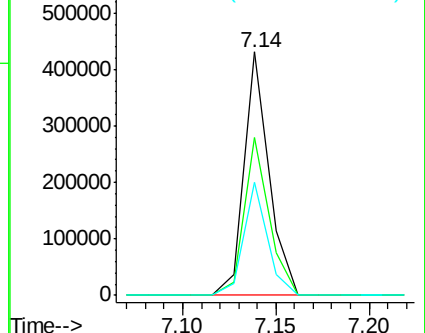
111 46.2 36.2 54.2



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



#16

2,2'-oxybis(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

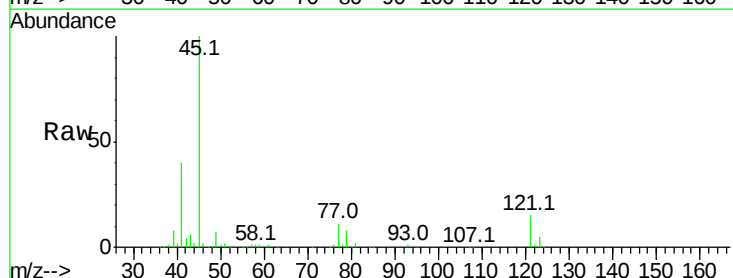
Tgt Ion: 45 Resp: 265139

Ion Ratio Lower Upper

45 100

77 11.2 0.0 34.6

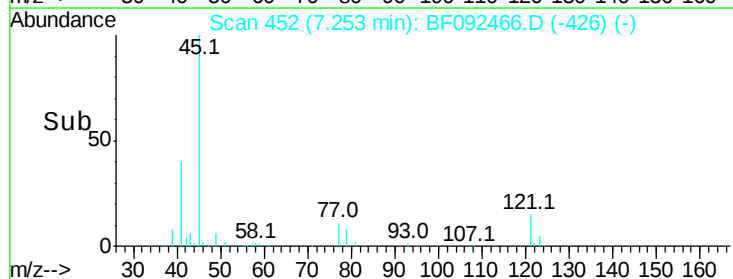
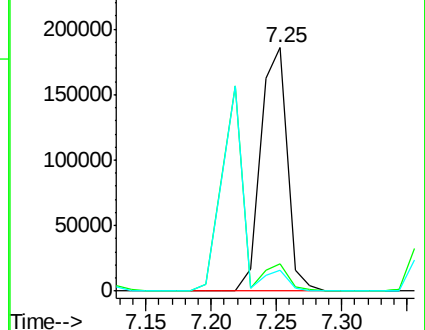
79 8.4 0.0 31.2

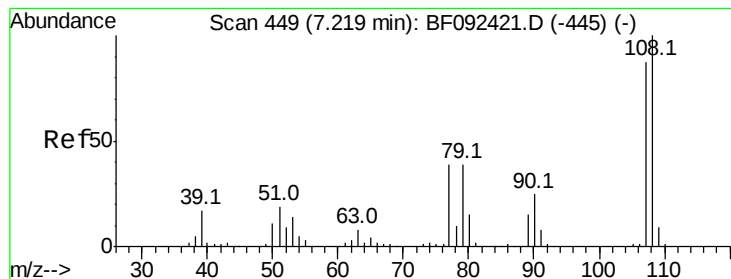


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 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

Instrument :

BNA_F

ClientSampleId :

0024DL

Tot Ion:107 Resp: 390644

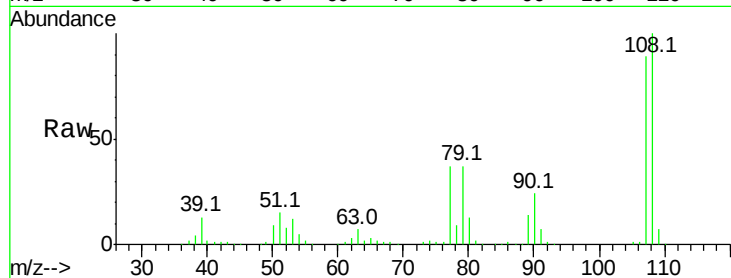
Ion Ratio Lower Upper

107 100

108 112.6 93.0 139.6

77 41.2 39.8 59.8

79 41.1 38.0 57.0

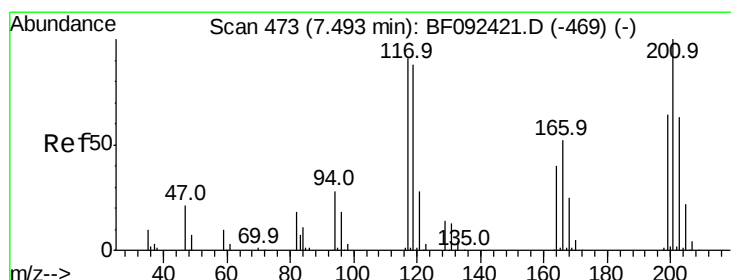
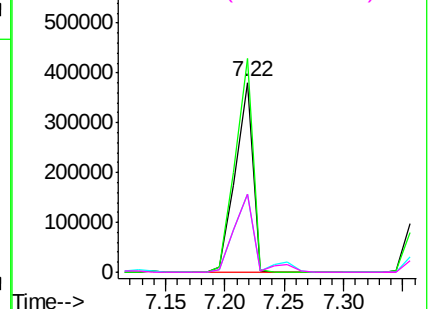
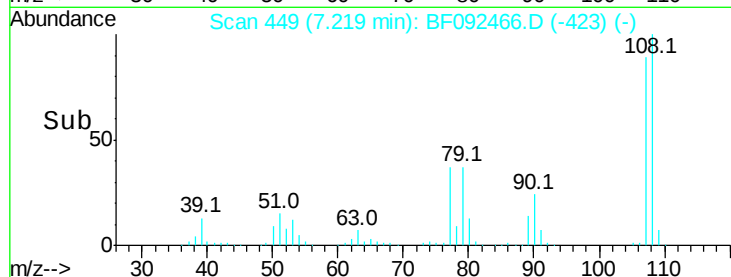


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 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

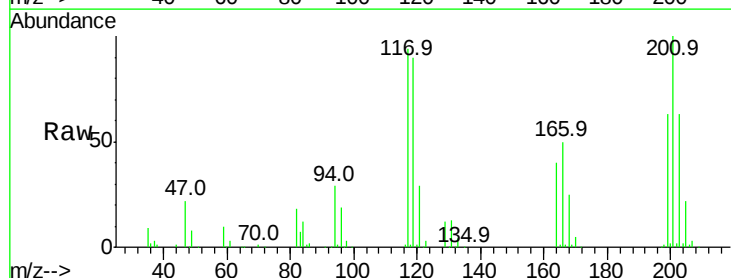
Tgt Ion:117 Resp: 196371

Ion Ratio Lower Upper

117 100

119 95.2 78.1 117.1

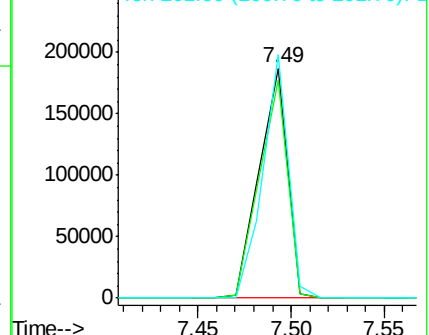
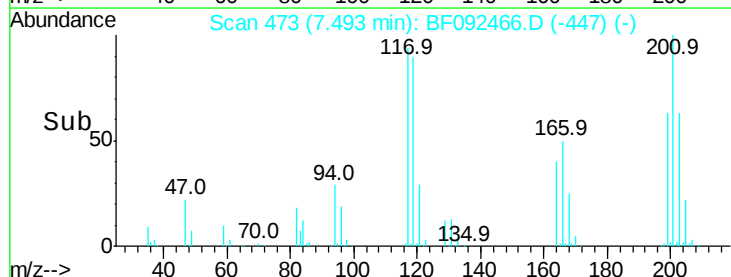
201 106.0 78.6 117.8

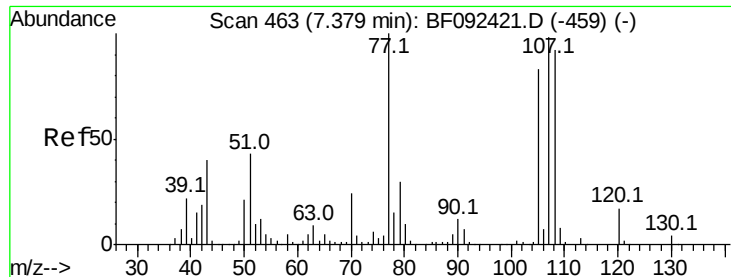


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

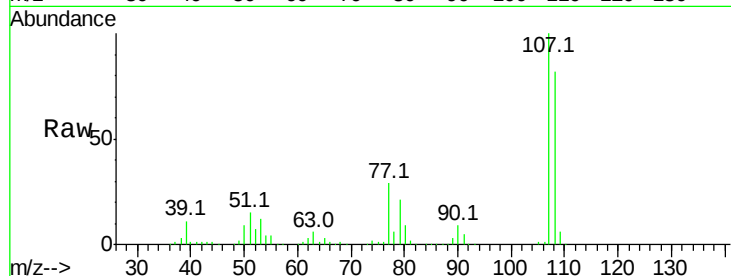




#20
3+4-Methylphenols
Concen: 34.54 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Instrument :
BNA_F
ClientSampleId :
0024DL

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



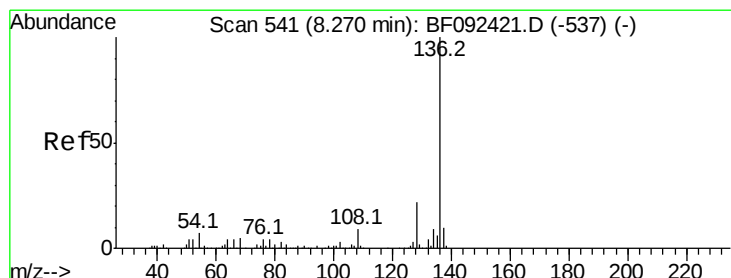
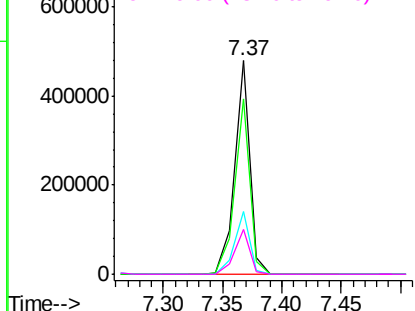
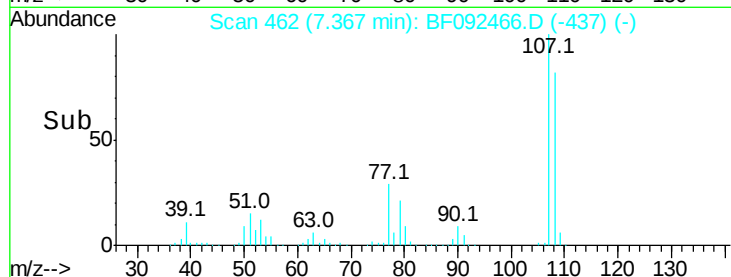
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

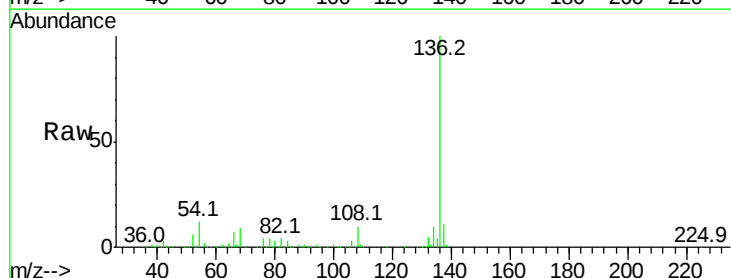
Ion 77.00 (76.70 to 77.70): BF0

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



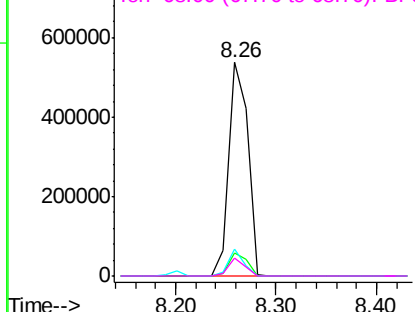
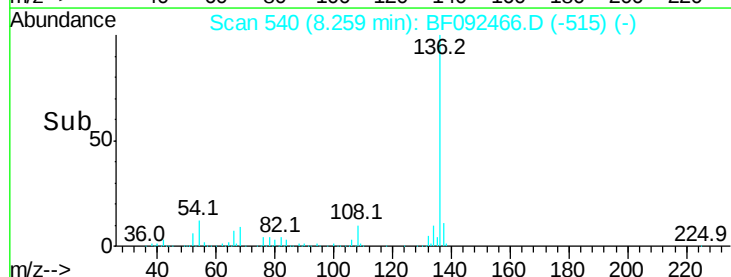
Abundance

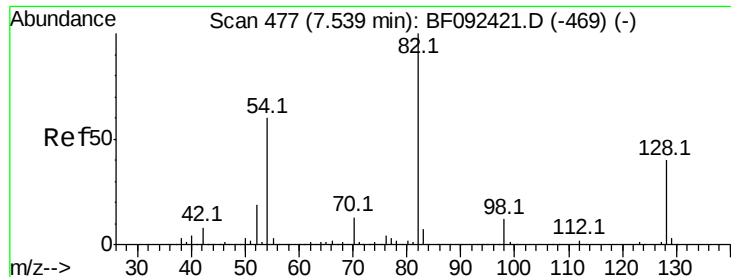
Ion 136.00 (135.70 to 136.70): E

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

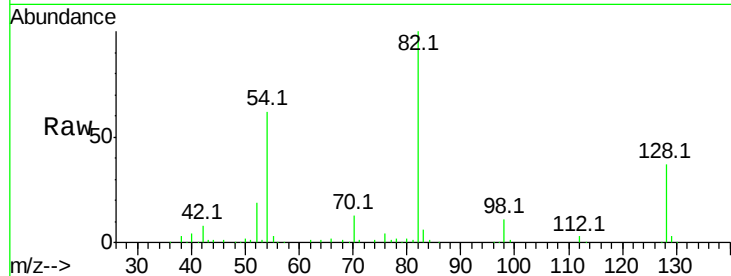




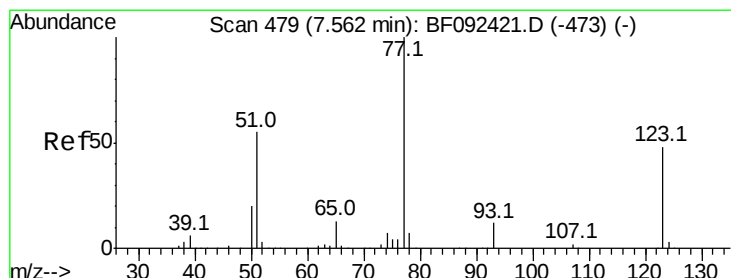
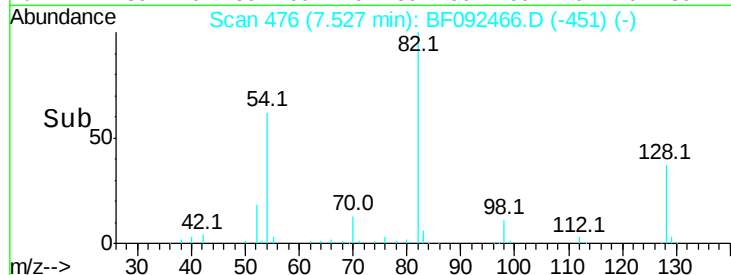
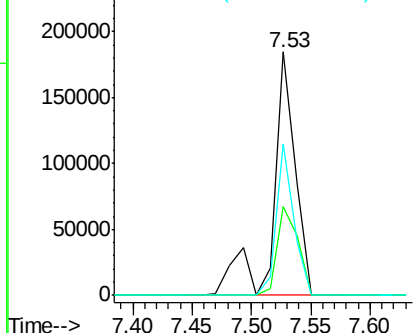
#23
 Nitrobenzene-d5
 Concen: 18.56 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Instrument :
 BNA_F
 ClientSampleID :
 0024DL

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#

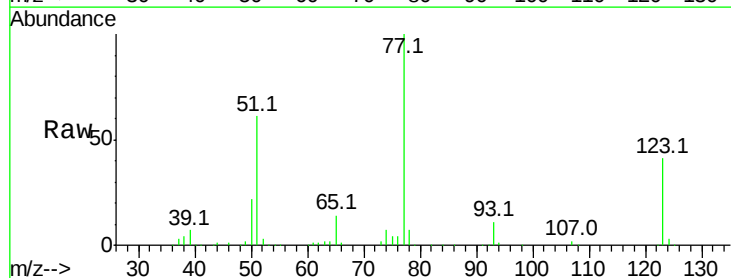


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

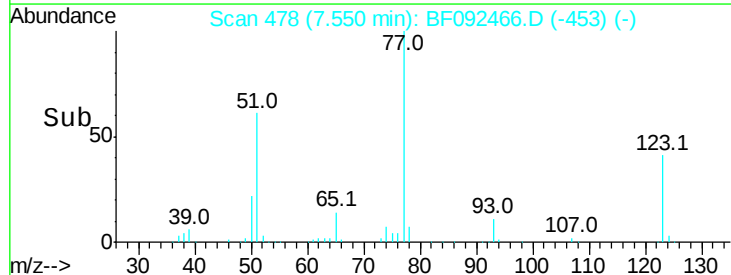
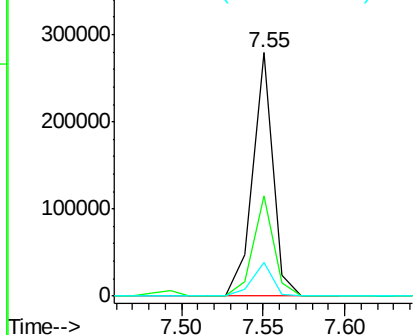


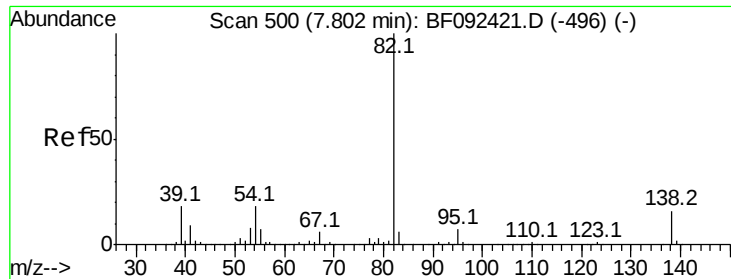
#24
 Nitrobenzene
 Concen: 17.88 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

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 :

0024DL

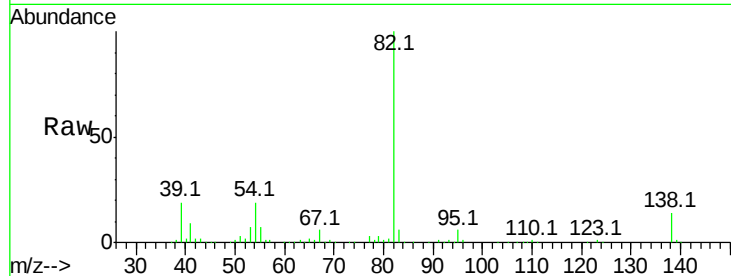
Tot Ion: 82 Resp: 422563

Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

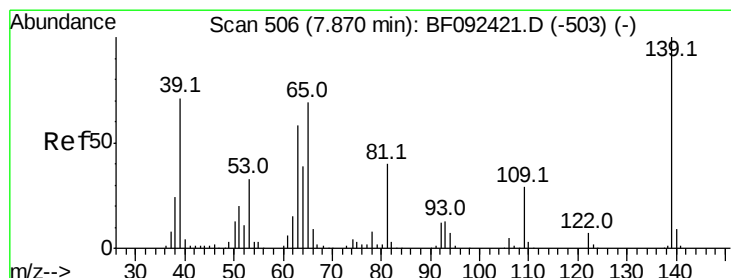
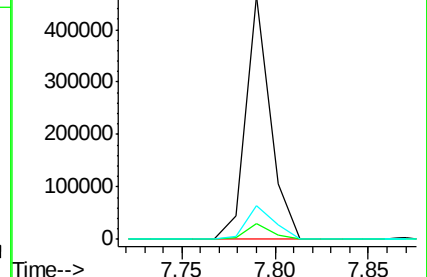
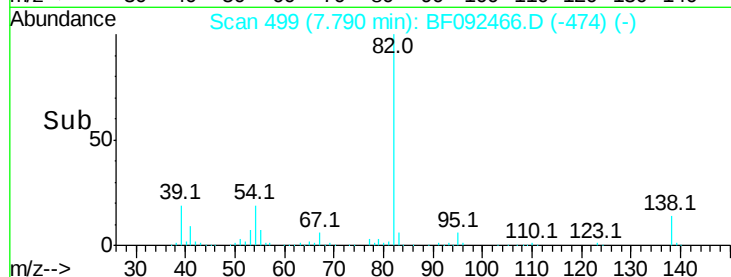
138 14.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 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

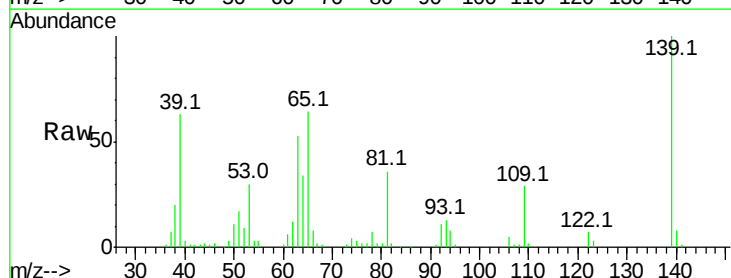
Tgt Ion: 139 Resp: 110267

Ion Ratio Lower Upper

139 100

109 28.9 23.3 34.9

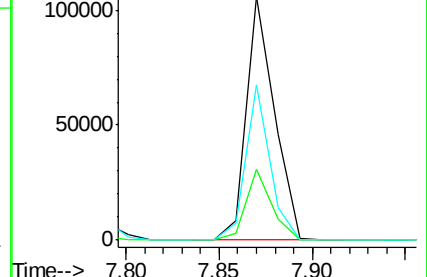
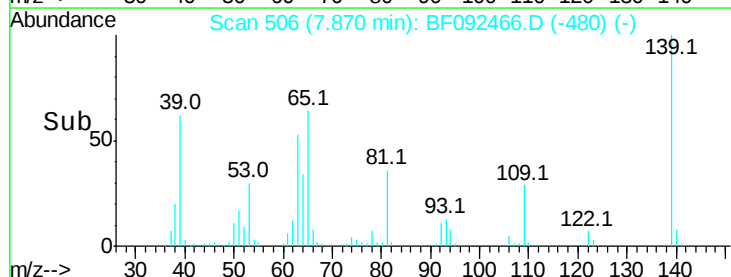
65 64.0 42.7 64.1

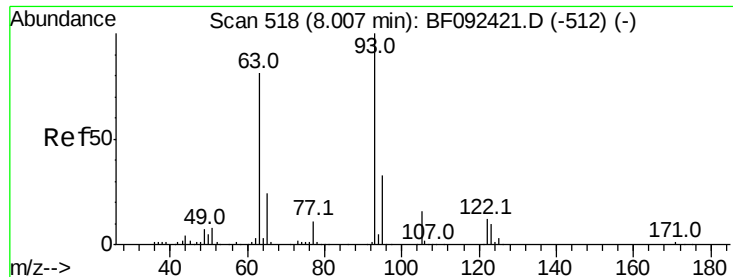


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#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 :

0024DL

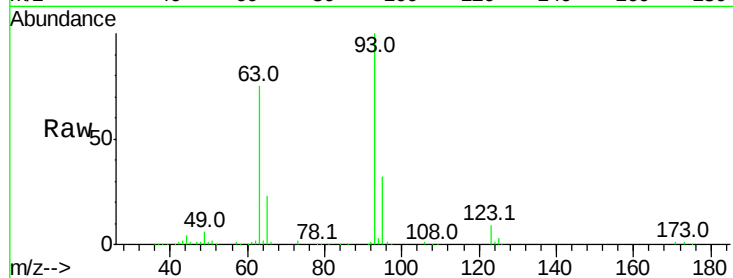
Tot Ion: 93 Resp: 298882

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

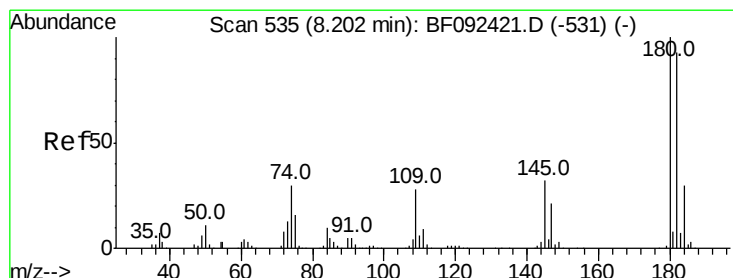
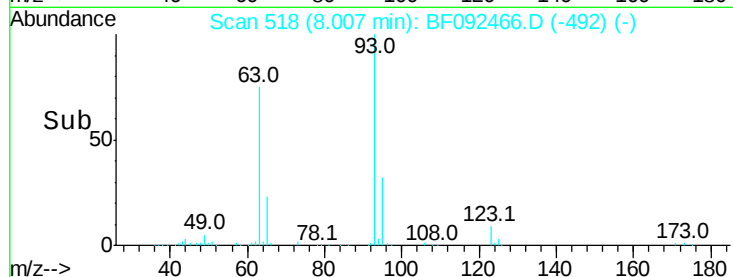
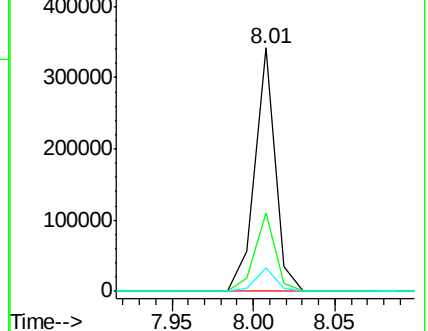
123 9.4 8.6 13.0



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

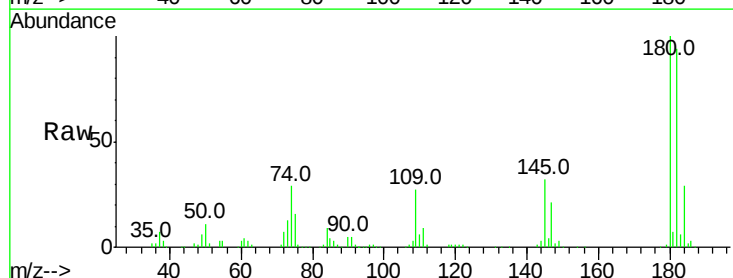
Tgt Ion:180 Resp: 374365

Ion Ratio Lower Upper

180 100

182 93.6 78.2 117.4

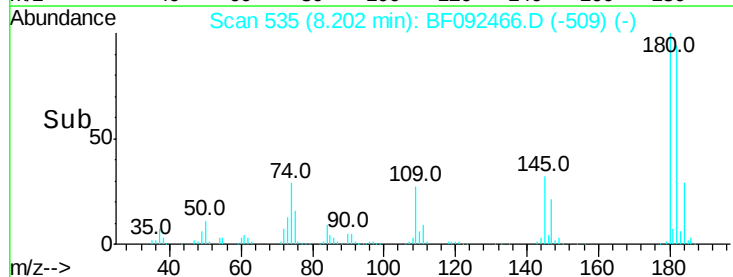
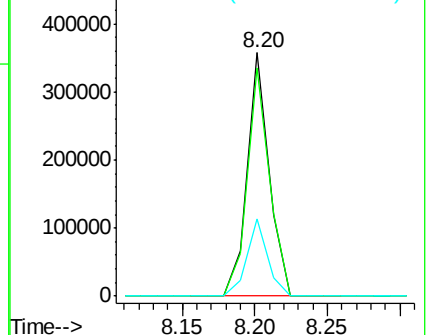
145 31.5 21.6 32.4

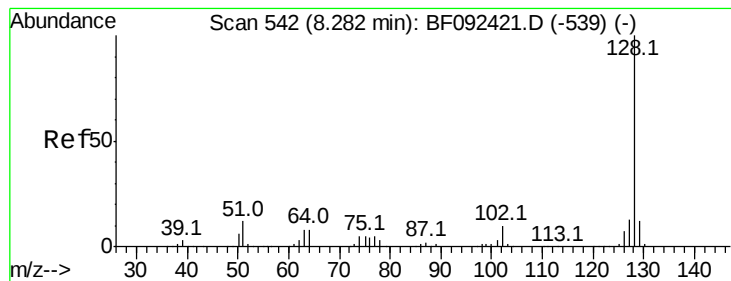


Abundance Ion 180.00 (179.70 to 180.70): E

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 :

0024DL

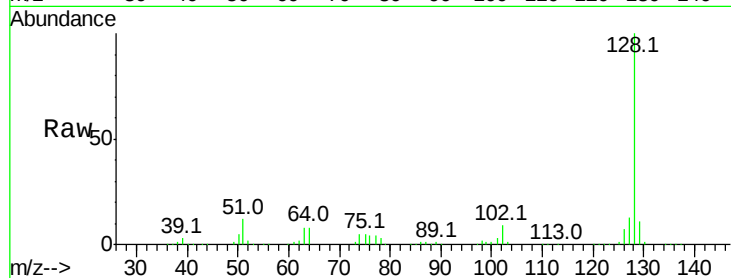
Tot Ion:128 Resp: 496312

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

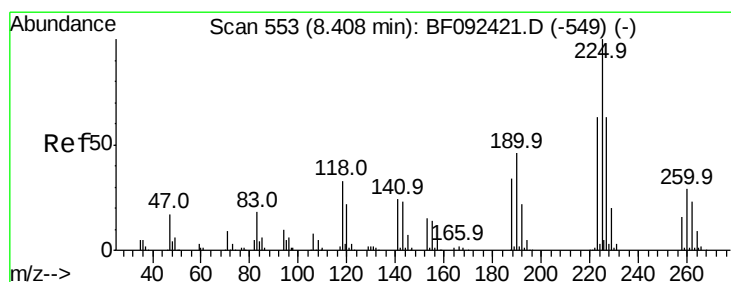
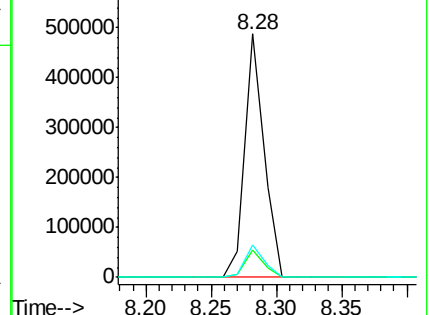
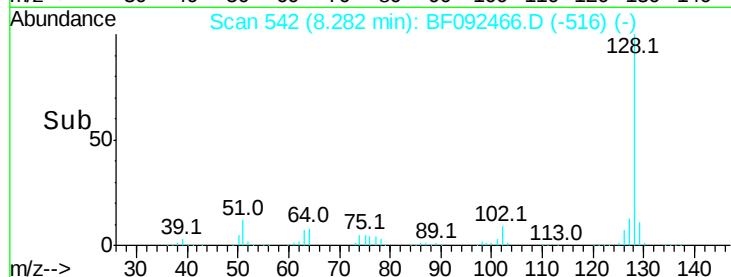
127 13.4 10.8 16.2



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



#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

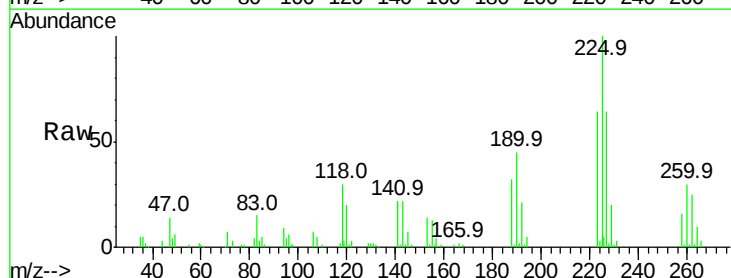
Tgt Ion:225 Resp: 61374

Ion Ratio Lower Upper

225 100

223 63.8 51.0 76.6

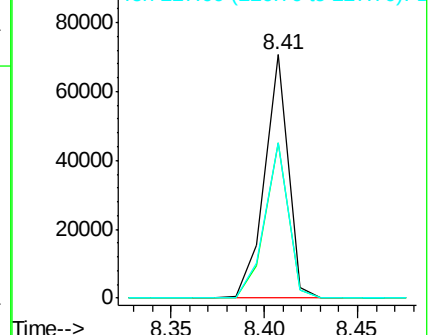
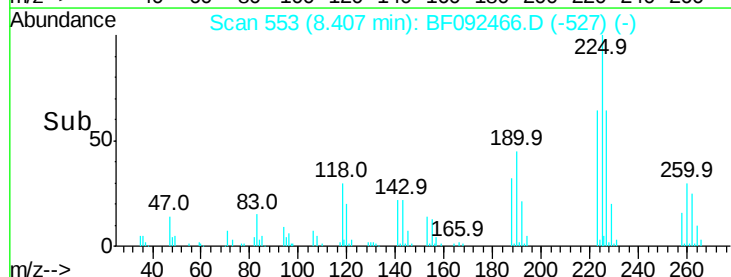
227 63.6 50.6 76.0

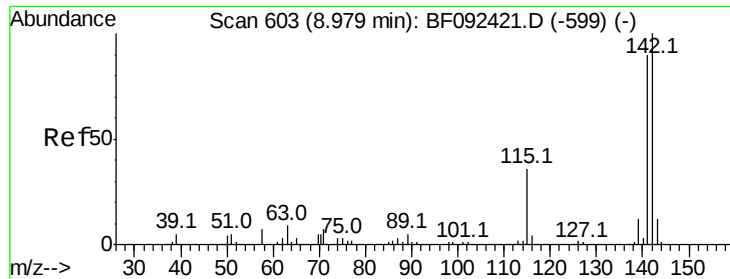


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

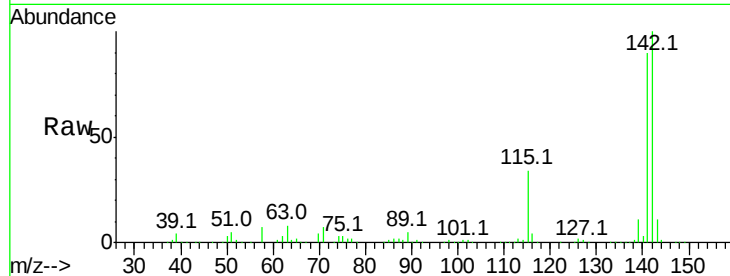




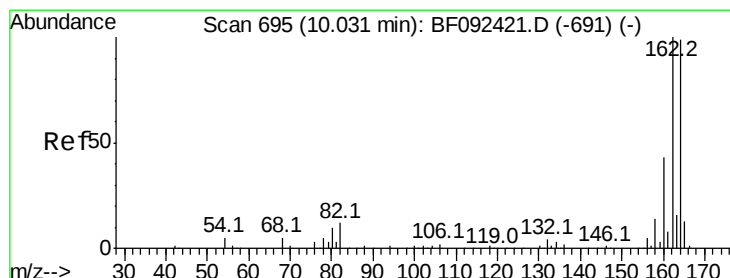
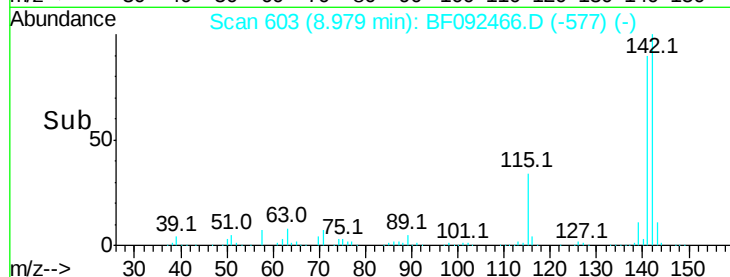
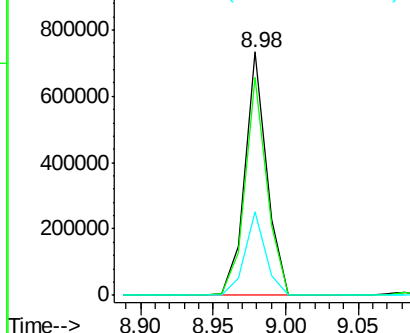
#37
2-Methylnaphthalene
Concen: 33.64 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Instrument :
BNA_F
ClientSampleID :
0024DL

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

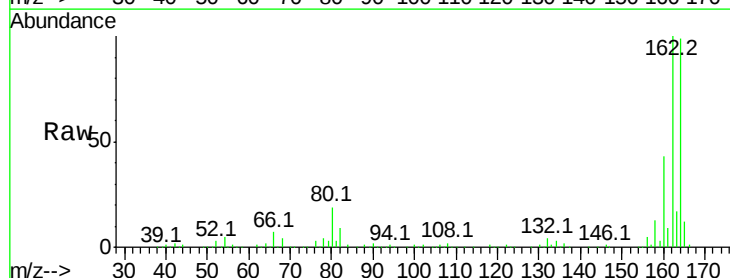


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

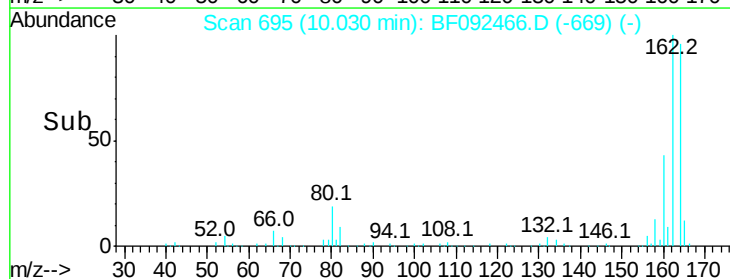
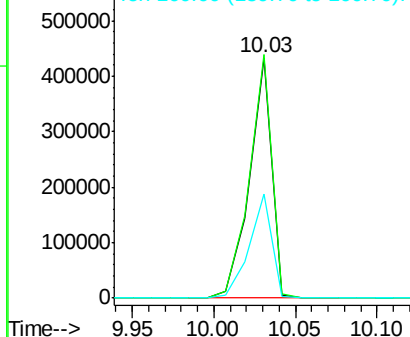


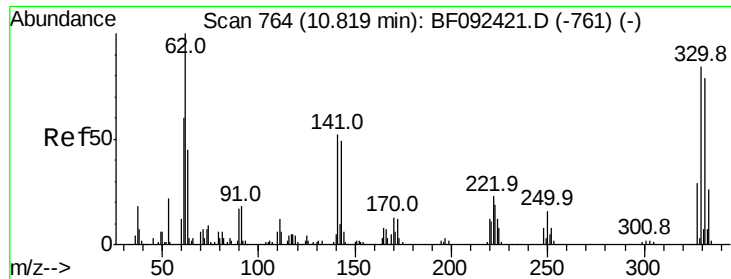
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

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



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

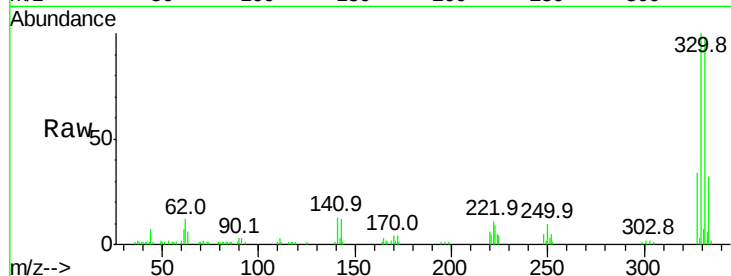




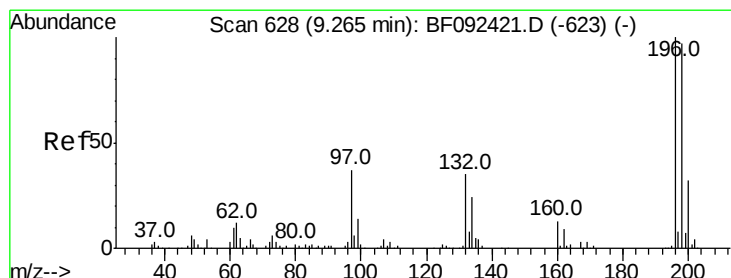
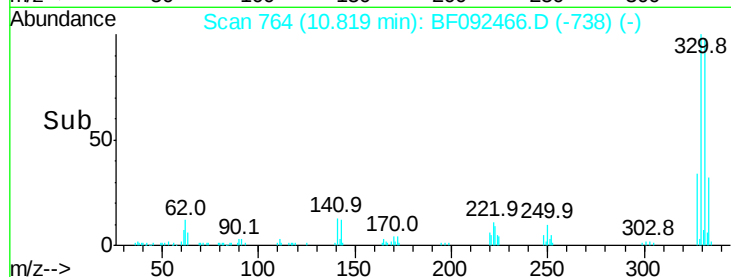
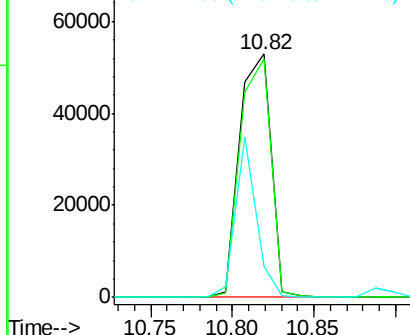
#41
 2,4,6-Tribromophenol
 Concen: 25.28 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Instrument :
 BNA_F
 ClientSampleID :
 0024DL

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

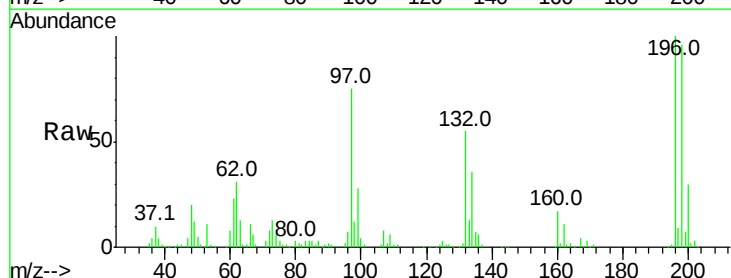


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

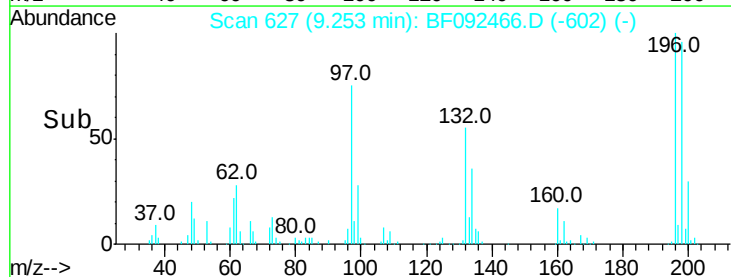
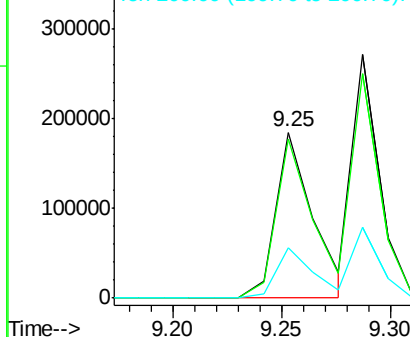


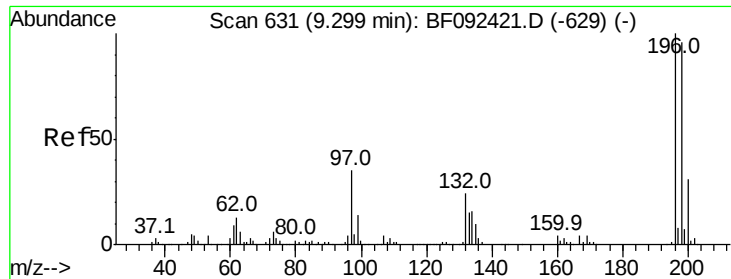
#42
 2,4,6-Trichlorophenol
 Concen: 28.08 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

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

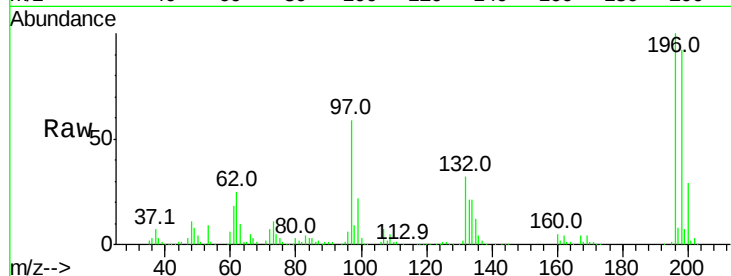




#43
 2,4,5-Trichlorophenol
 Concen: 32.85 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Instrument :
 BNA_F
 ClientSampleId :
 0024DL

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



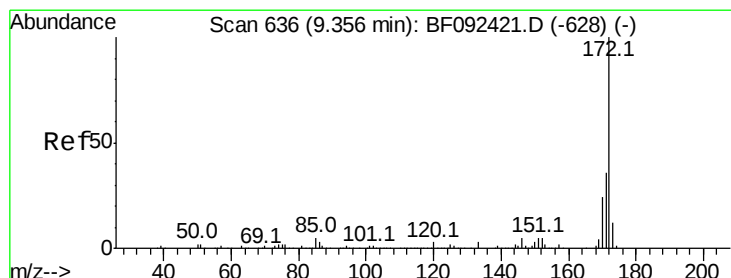
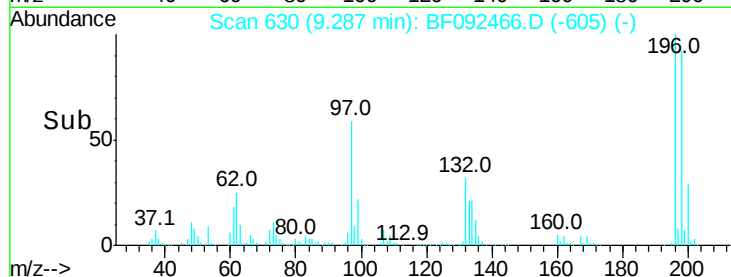
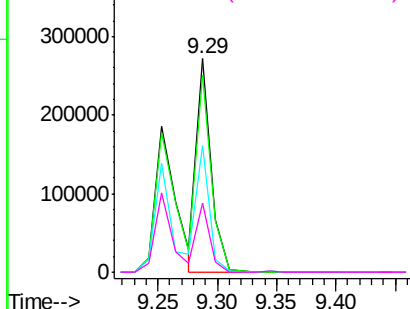
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

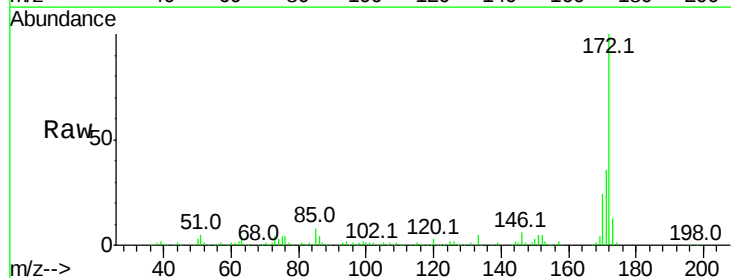
Ion 97.00 (96.70 to 97.70): BF0

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

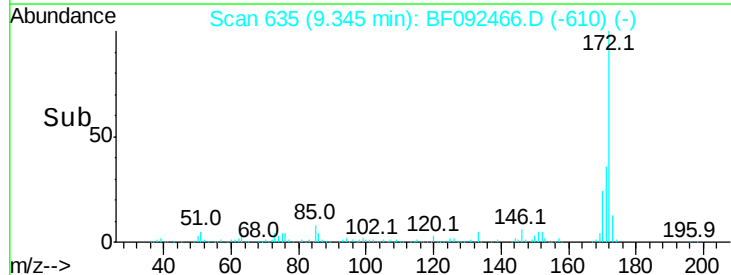
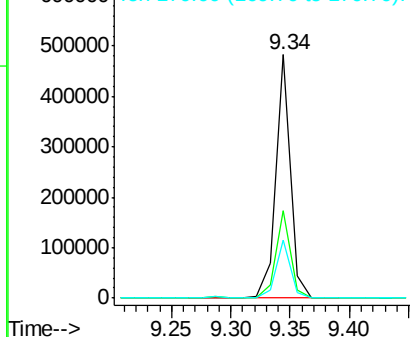


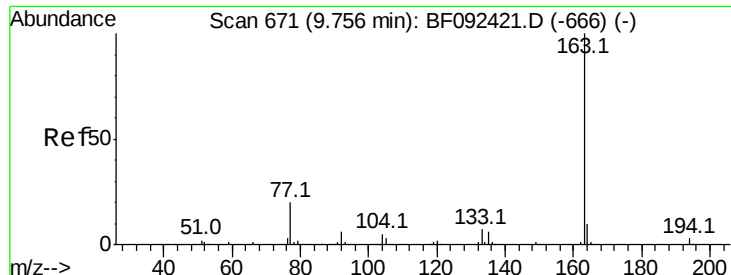
Abundance

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

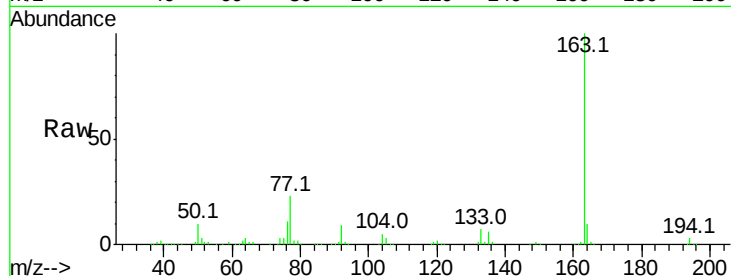




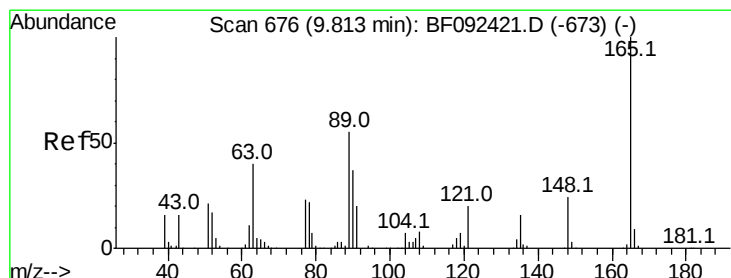
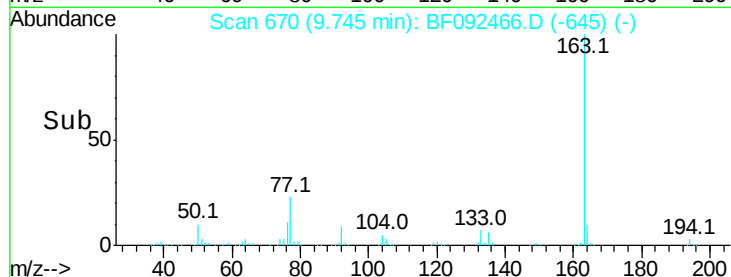
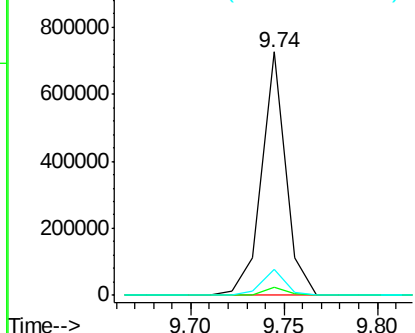
#49
Dimethylphthalate
Concen: 25.44 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Instrument :
BNA_F
ClientSampleId :
0024DL

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

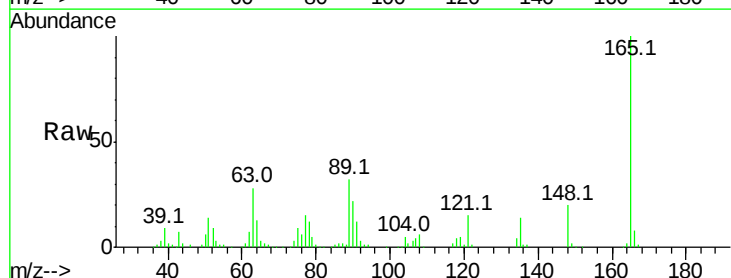


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

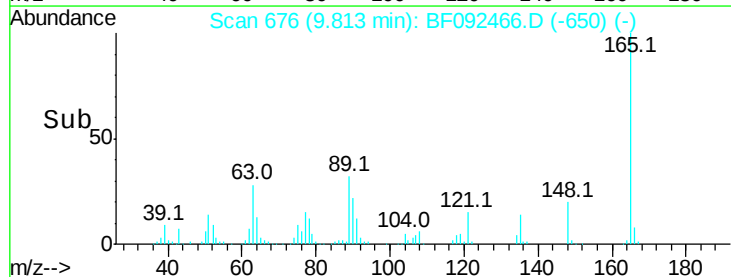
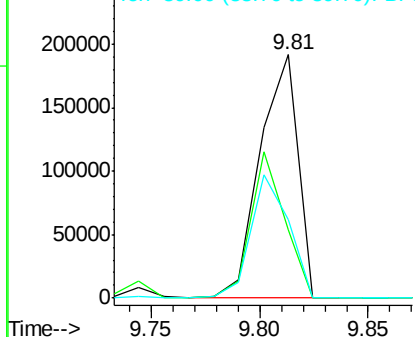


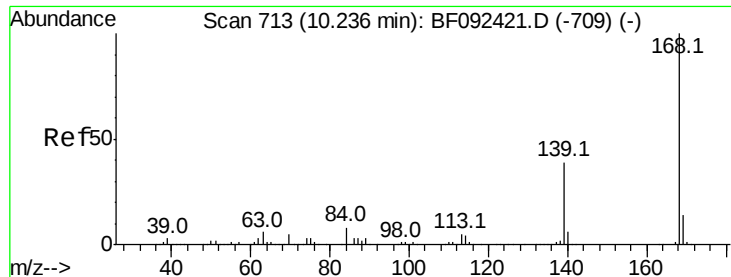
#50
2,6-Dinitrotoluene
Concen: 44.08 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

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

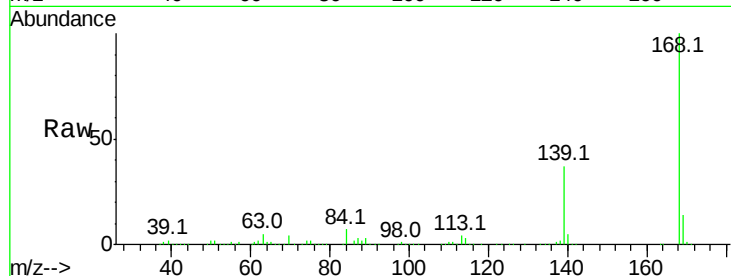




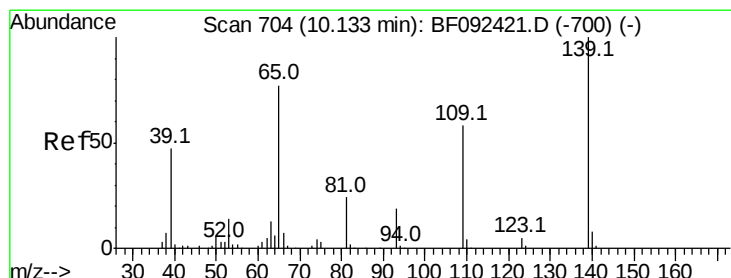
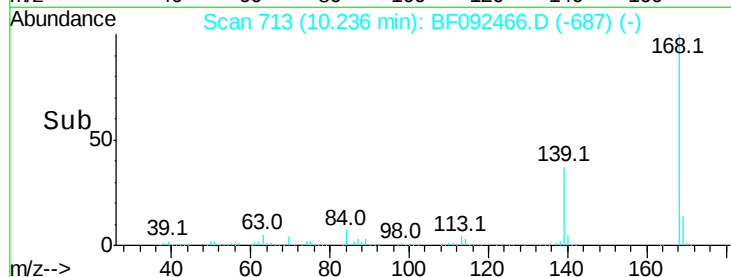
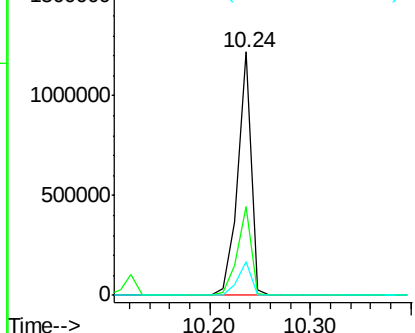
#54
Dibenzenofuran
Concen: 37.94 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Instrument :
BNA_F
ClientSampleId :
0024DL

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

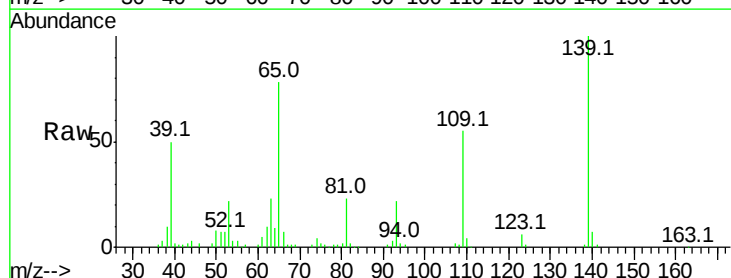


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

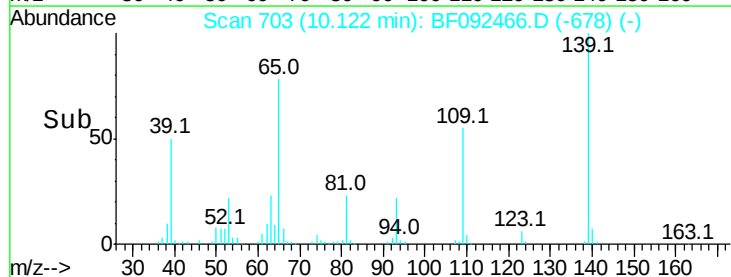
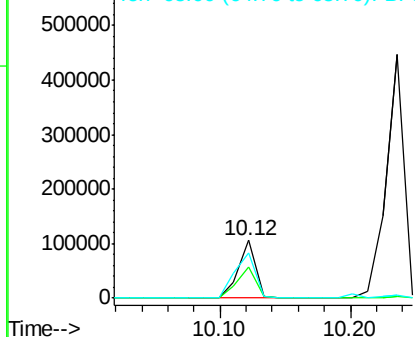


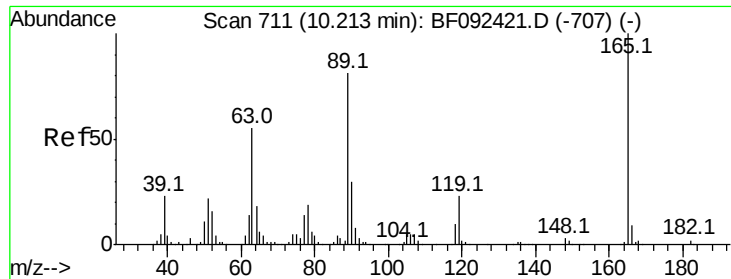
#55
4-Nitrophenol
Concen: 18.43 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

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#



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

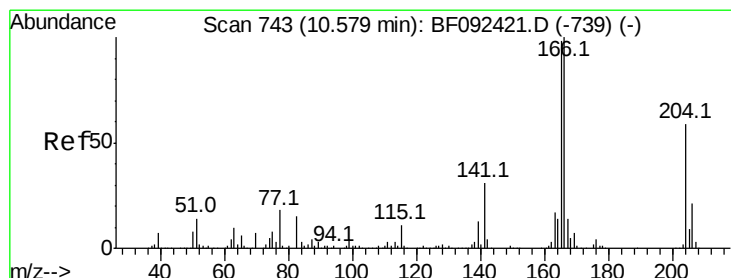
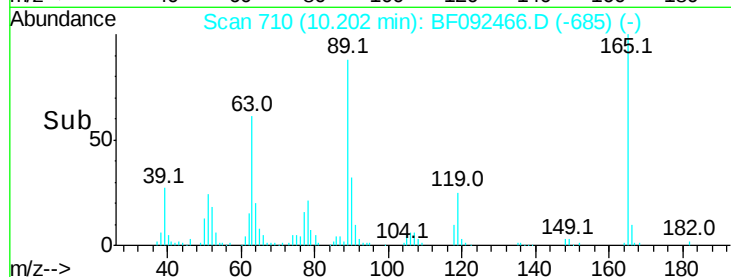
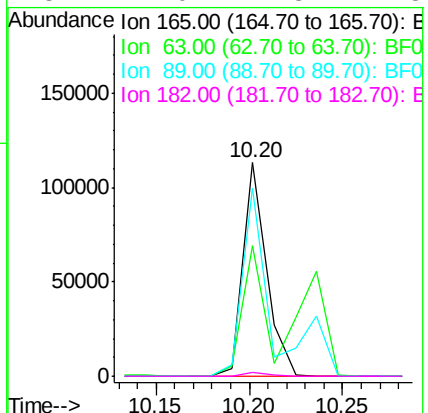
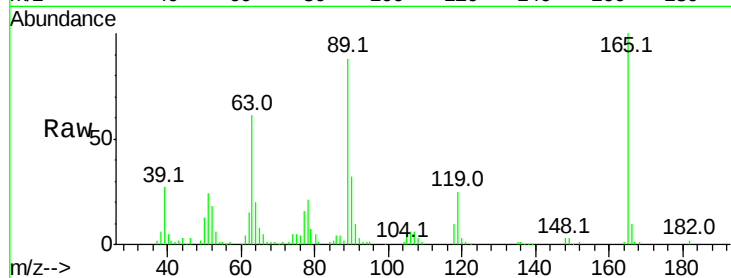




#56
2,4-Dinitrotoluene
Concen: 14.10 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

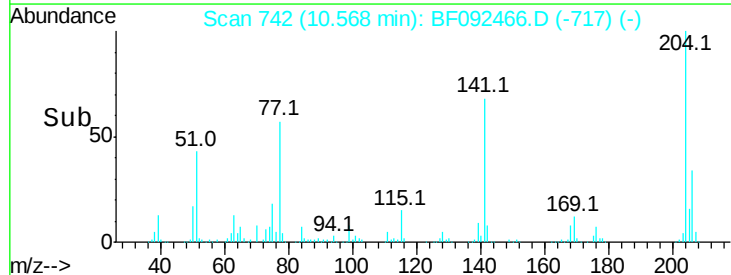
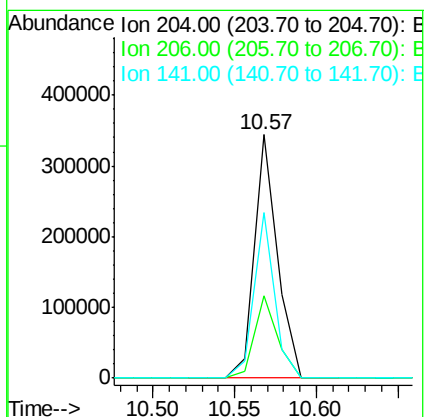
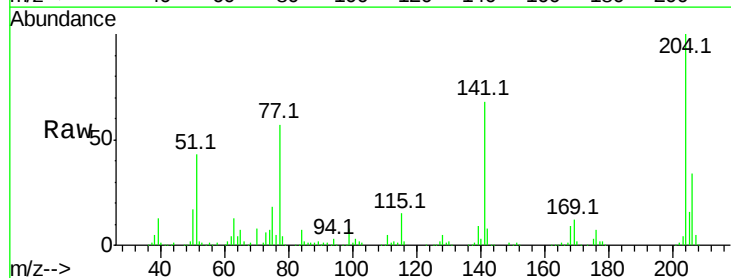
Instrument :
BNA_F
ClientSampleId :
0024DL

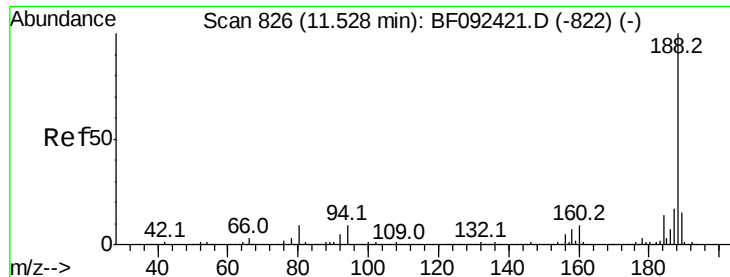
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.9	40.2	60.4#
89	88.3	62.5	93.7
182	2.0	1.8	2.8



#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

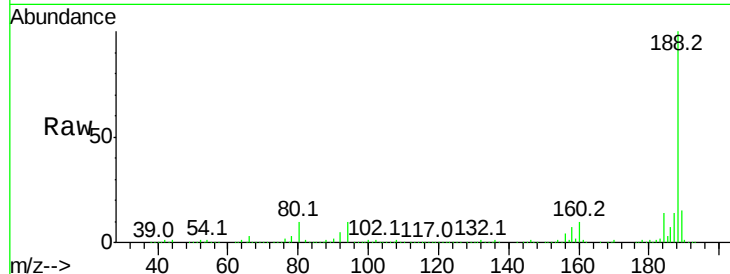




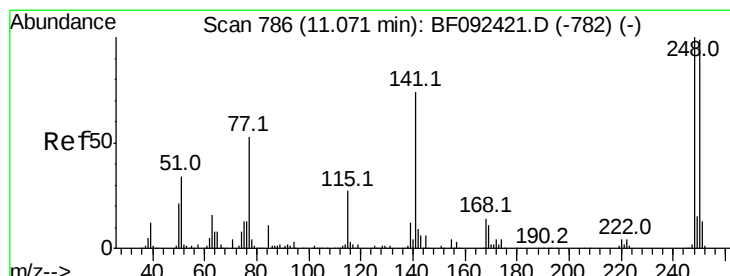
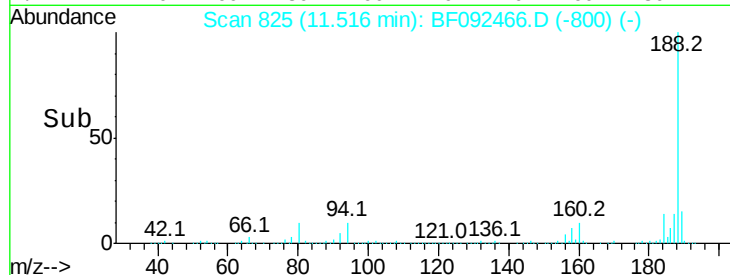
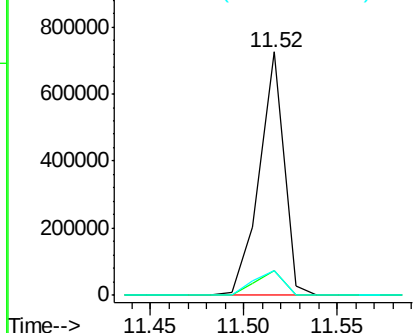
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Instrument :
 BNA_F
 ClientSampleId :
 0024DL

Tot Ion:188 Resp: 661620
 Ion Ratio Lower Upper
 188 100
 94 10.1 10.0 15.0
 80 10.3 11.2 16.8#

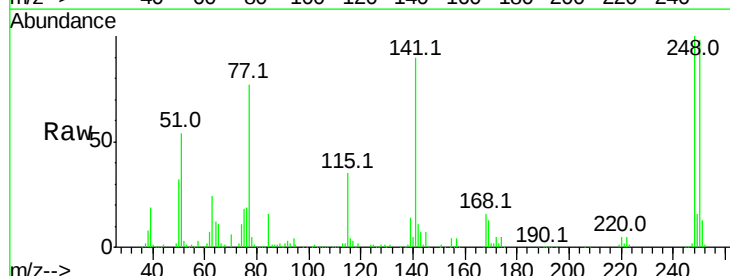


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

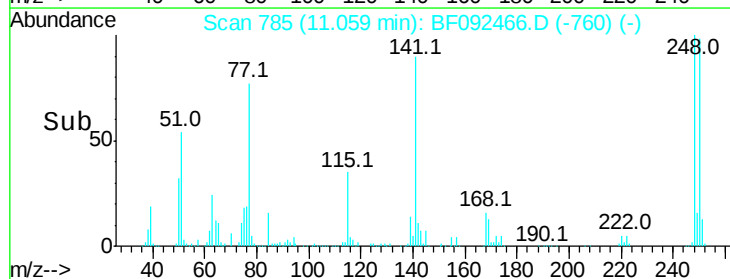
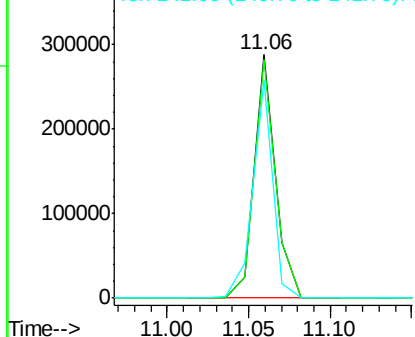


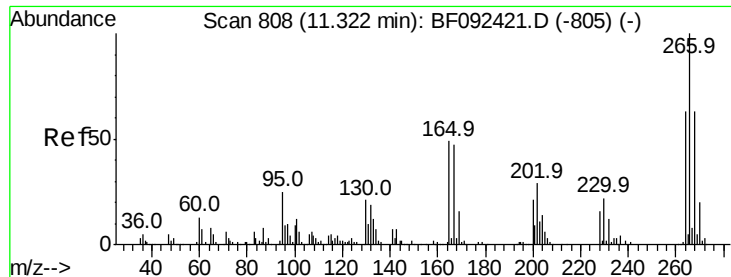
#66
 4-Bromophenyl-phenylether
 Concen: 39.15 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

Tgt 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

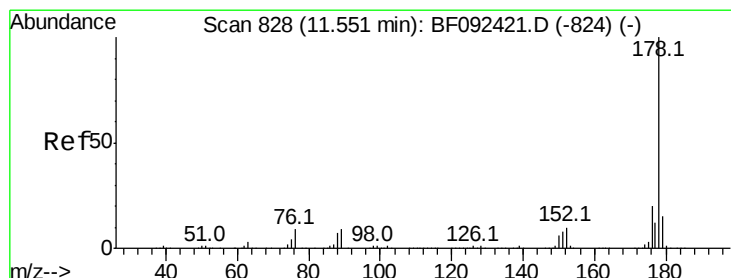
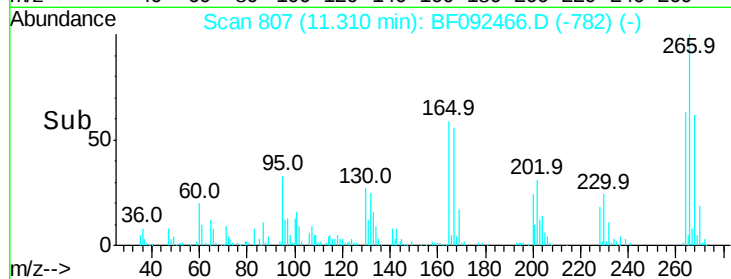
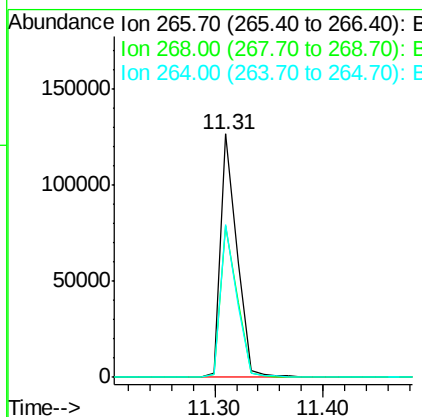
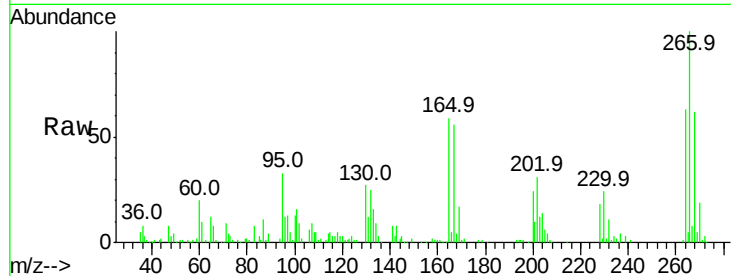




#69
 Pentachlorophenol
 Concen: 31.06 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

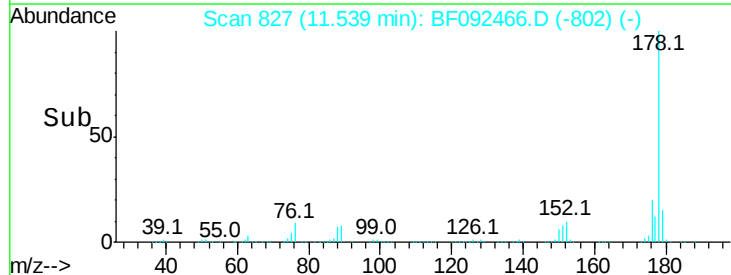
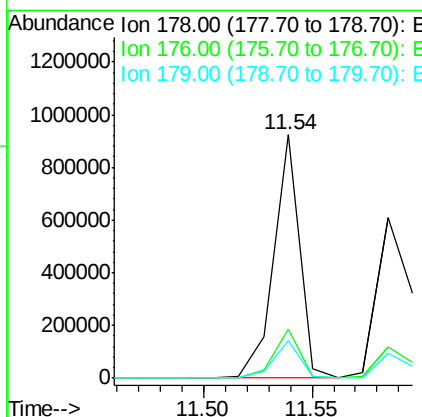
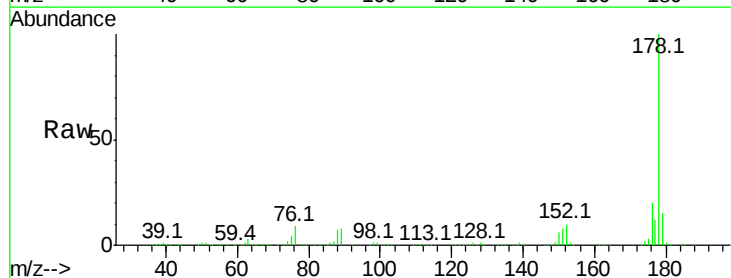
Instrument :
 BNA_F
 ClientSampleId :
 0024DL

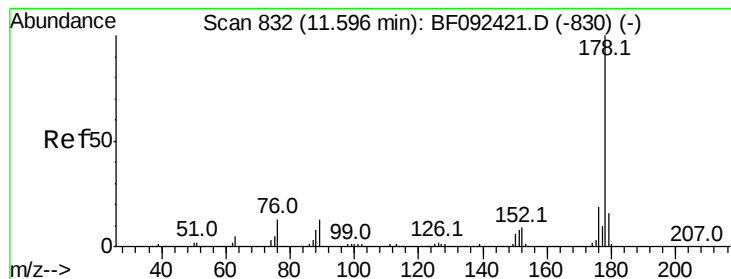
Tot Ion:266 Resp: 134098
 Ion Ratio Lower Upper
 266 100
 268 62.0 53.3 79.9
 264 62.8 50.3 75.5



#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





#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 :

0024DL

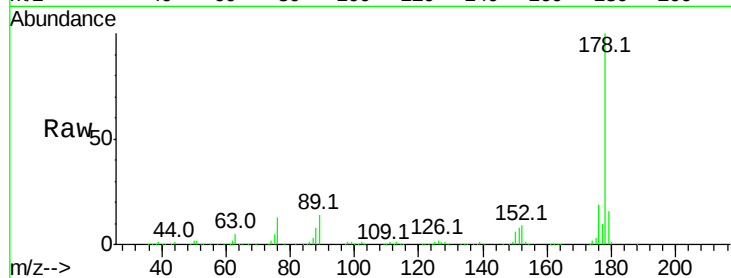
Tot Ion:178 Resp: 659030

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

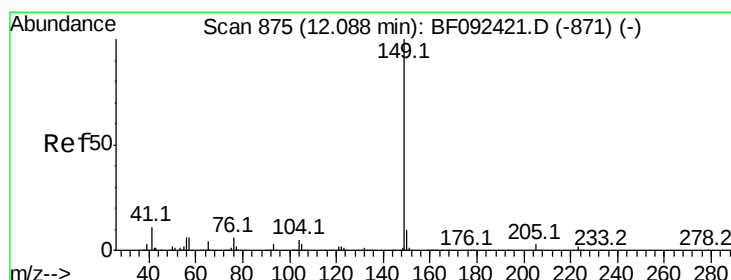
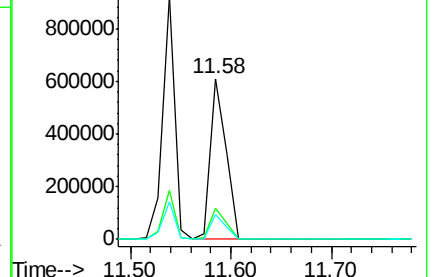
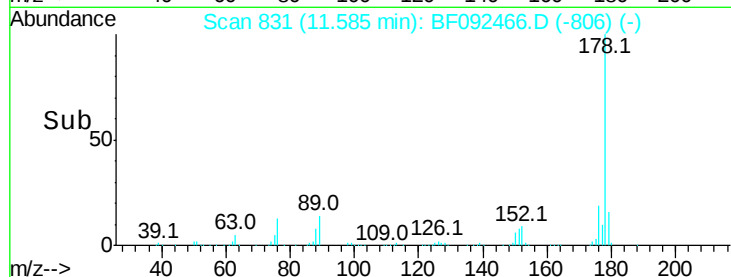
179 15.7 13.2 19.8



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



#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

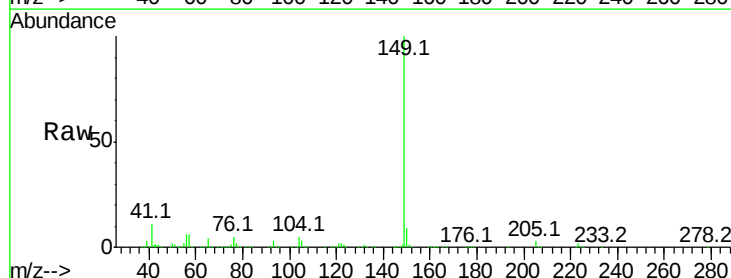
Tgt Ion:149 Resp: 1269358

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

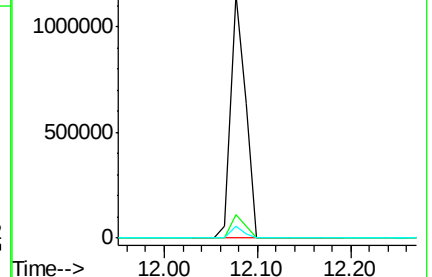
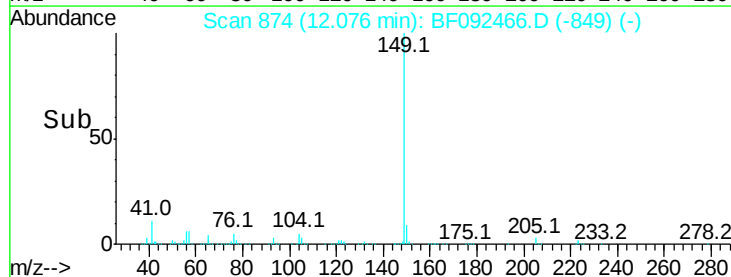
104 4.9 4.6 7.0

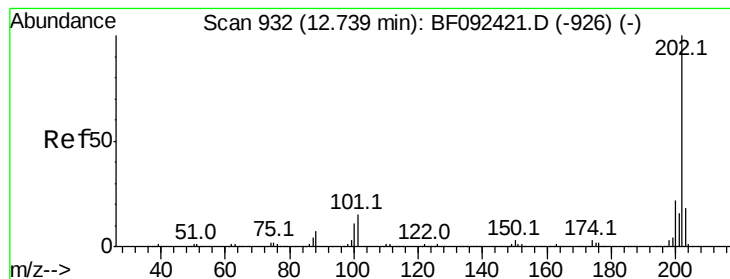


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 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 :

0024DL

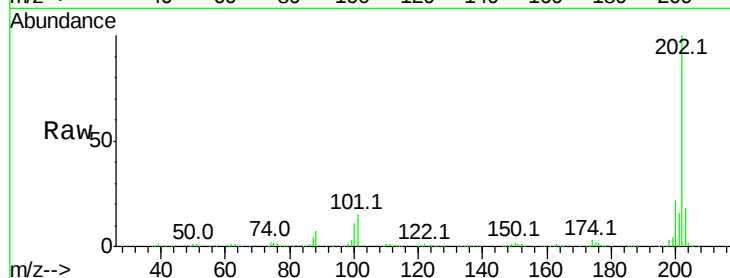
Tot Ion:202 Resp: 1319496

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.6

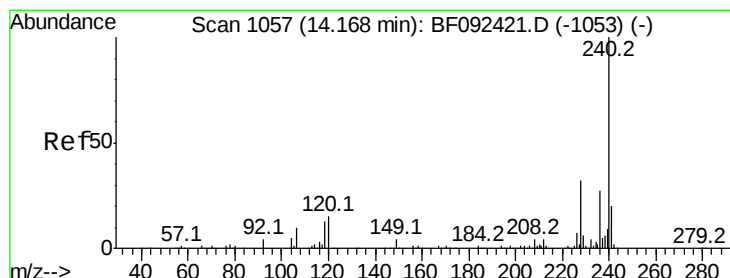
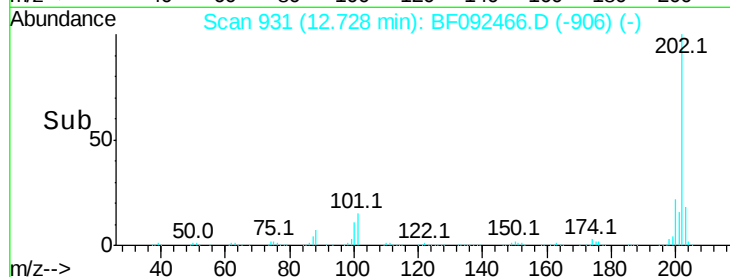
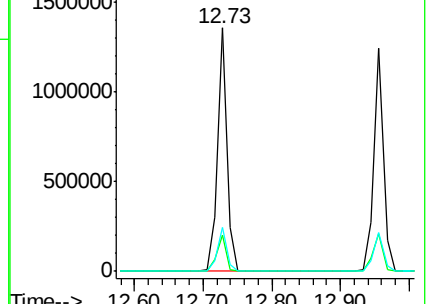
203 17.9 0.0 38.7



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

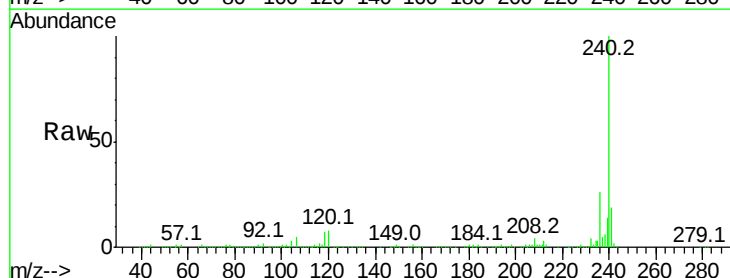
Tgt Ion:240 Resp: 535654

Ion Ratio Lower Upper

240 100

120 8.0 12.9 19.3#

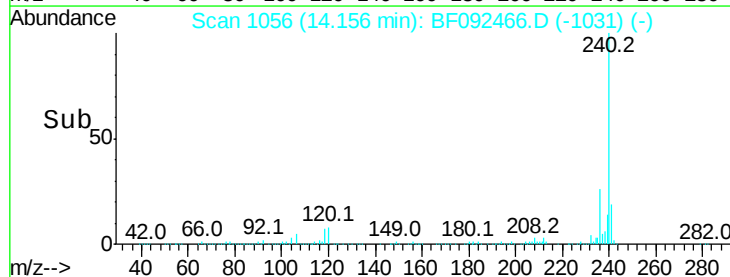
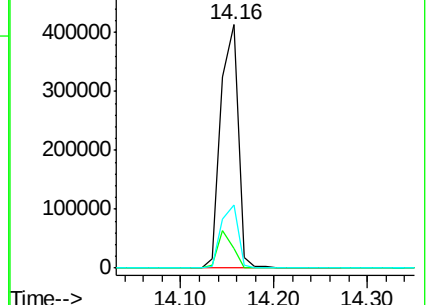
236 25.9 20.9 31.3

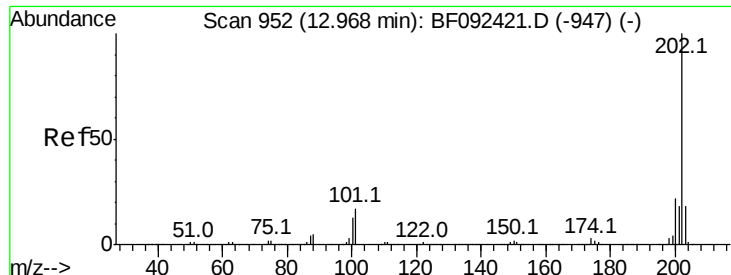


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

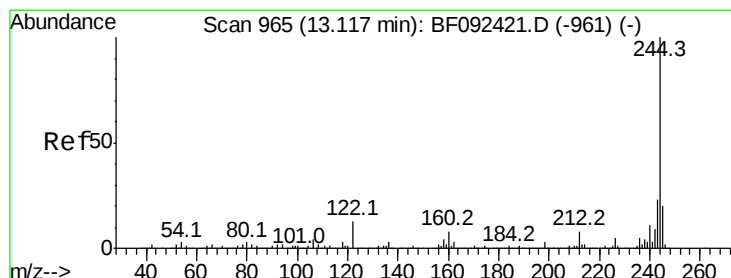
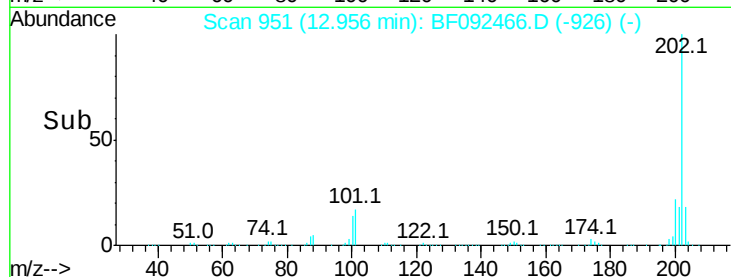
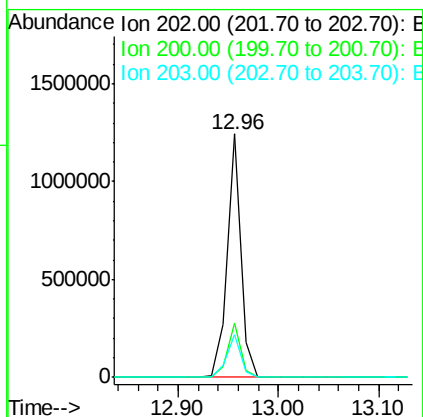
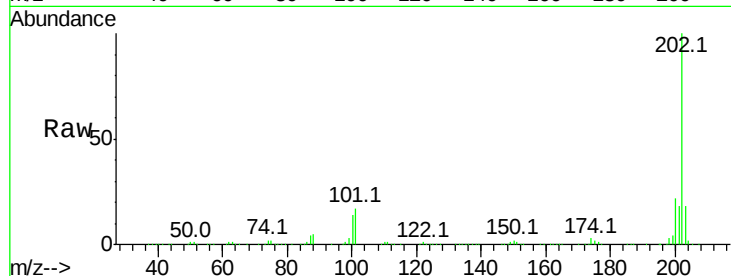




#77
Pvrene
Concen: 30.25 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

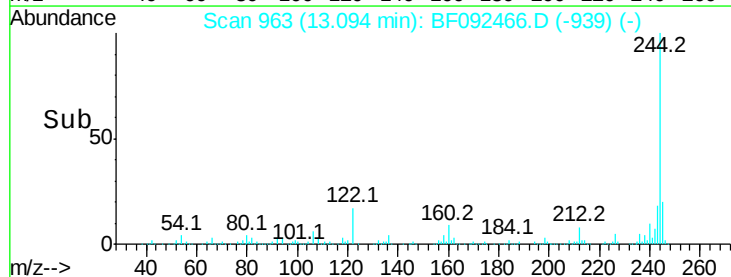
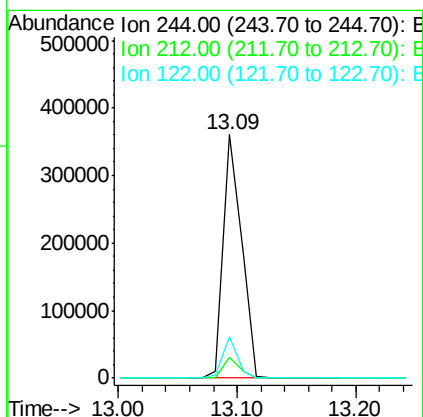
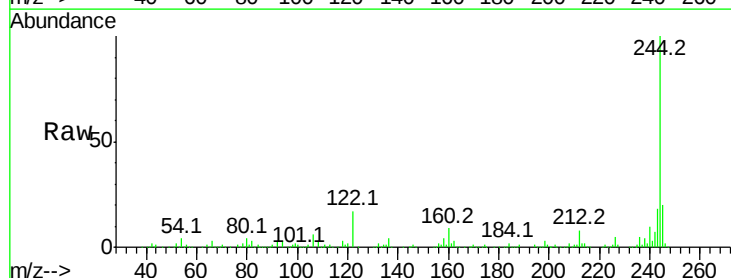
Instrument :
BNA_F
ClientSampleId :
0024DL

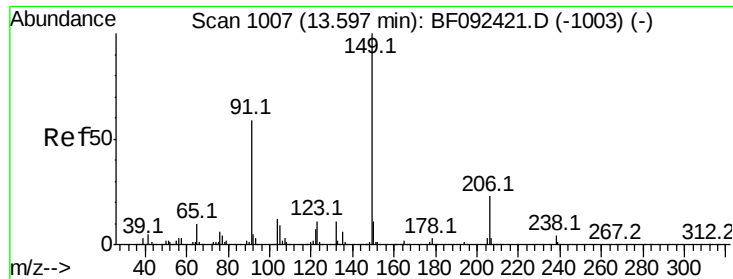
Tot Ion:202 Resp: 1174175
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 17.6 14.7 22.1



#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

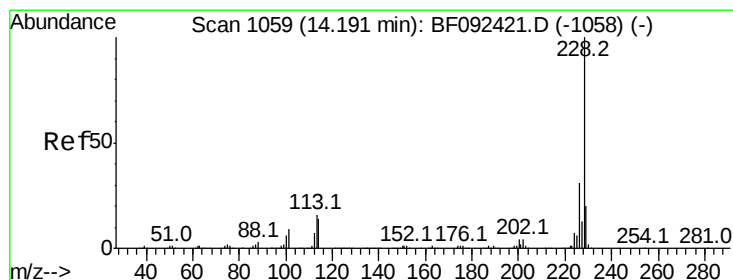
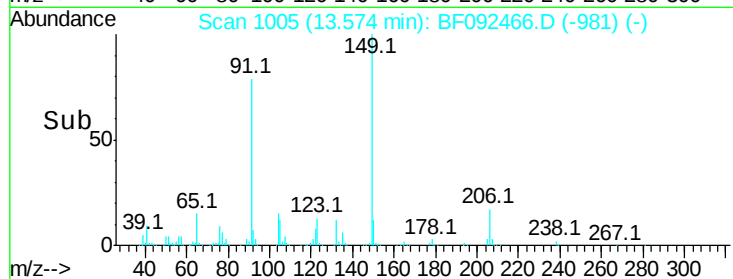
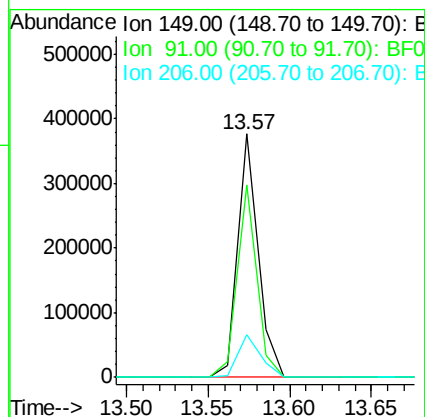
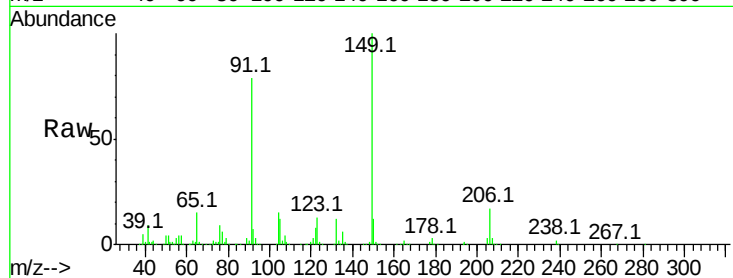




#79
Butylbenzylphthalate
Concen: 20.52 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

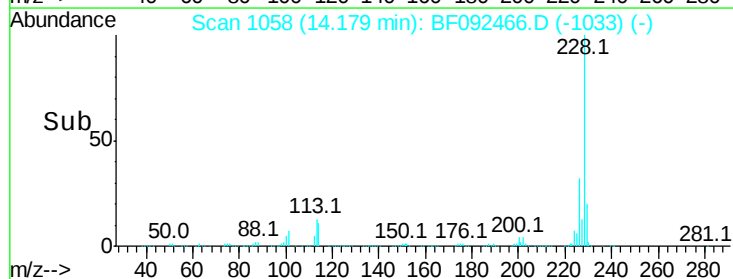
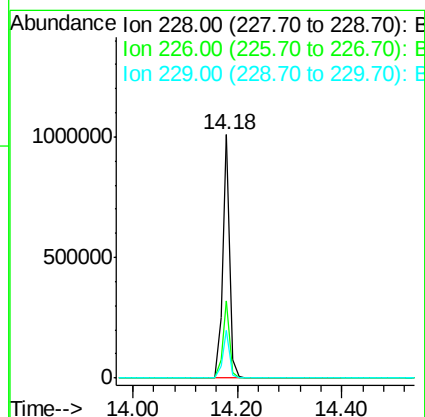
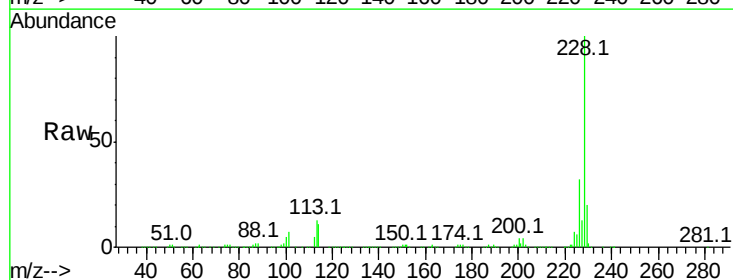
Instrument :
BNA_F
ClientSampleID :
0024DL

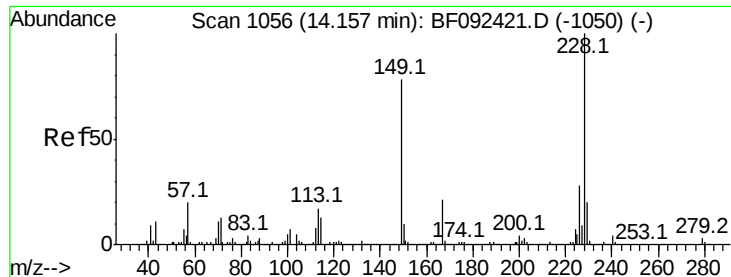
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.8	63.9	95.9
206	17.4	14.6	21.8



#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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	19.8	16.2	24.2

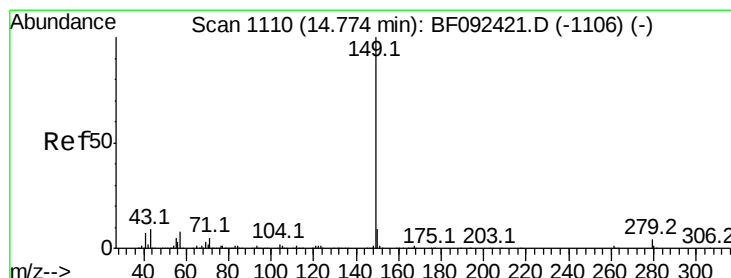
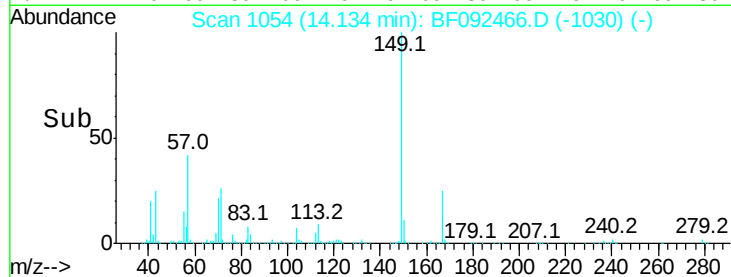
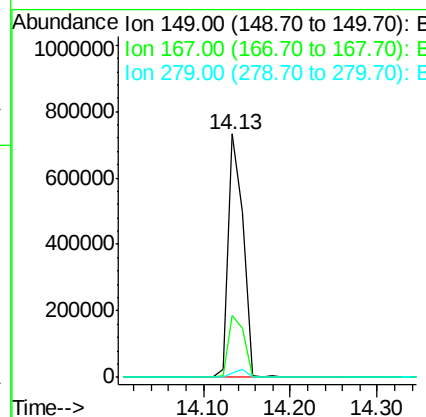
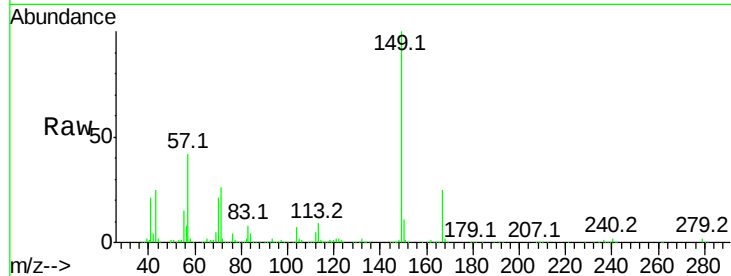




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.08 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

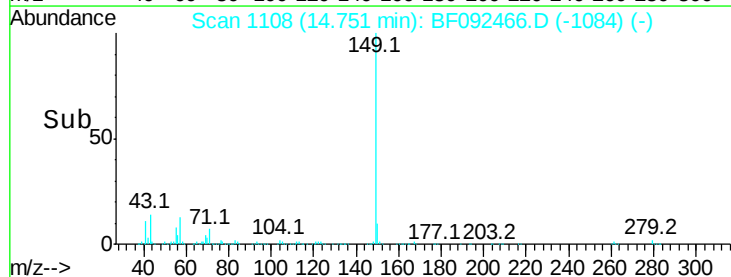
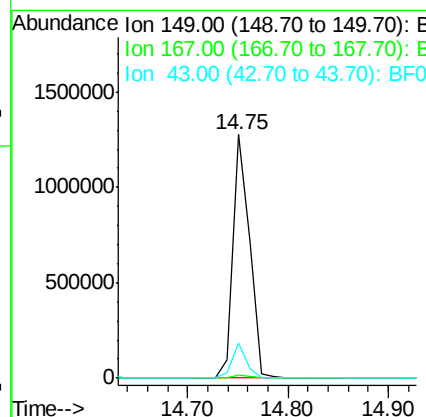
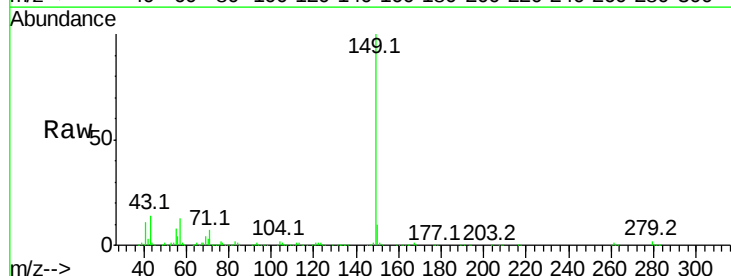
Instrument :
 BNA_F
 ClientSampleID :
 0024DL

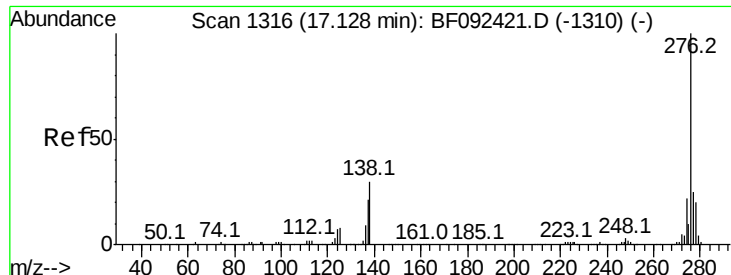
Tot Ion:149	Resp: 872798
Ion Ratio	Lower Upper
149 100	
167 25.2	20.2 30.4
279 1.9	1.8 2.8



#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

Tgt	Ion:149	Resp:	1457035
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.3	8.9	13.3

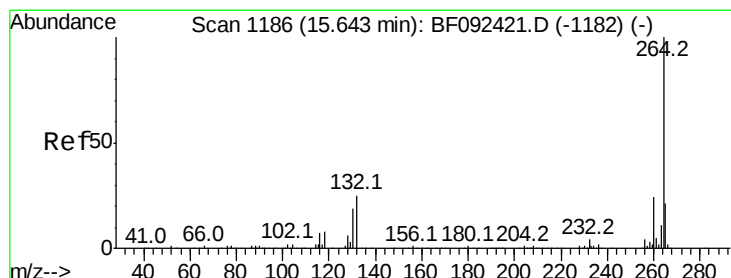
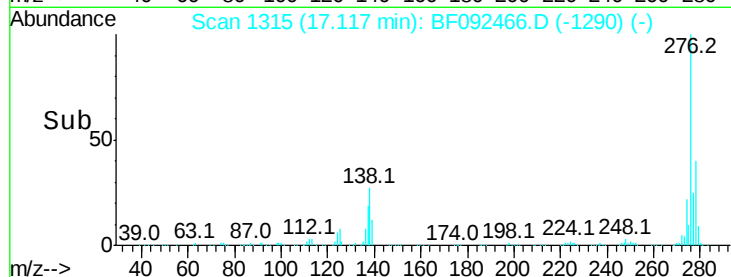
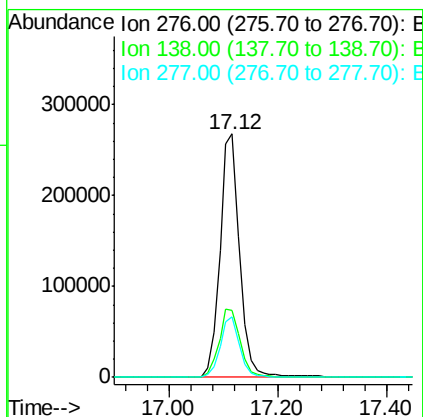
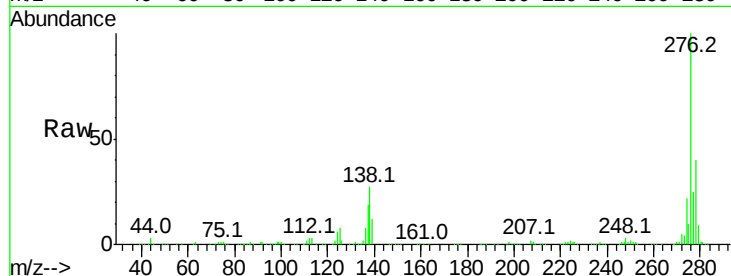




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.88 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF092466.D
 Acq: 25 Jan 2017 10:31

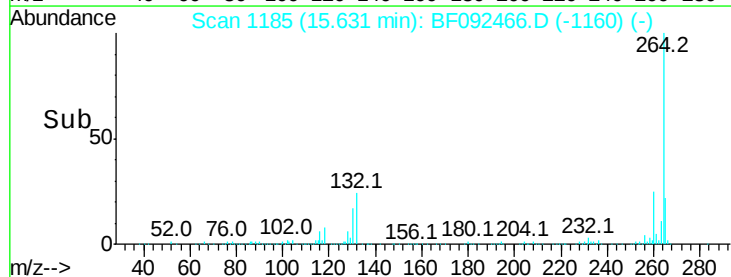
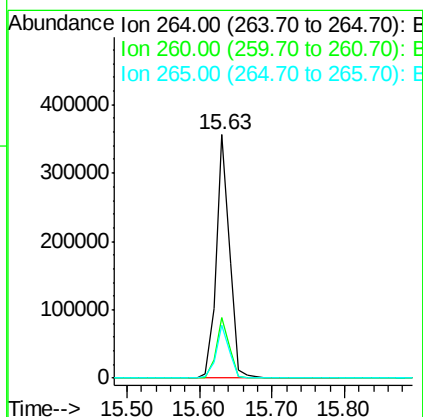
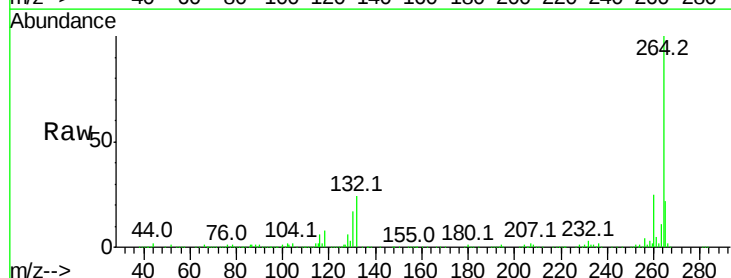
Instrument :
 BNA_F
 ClientSampleId :
 0024DL

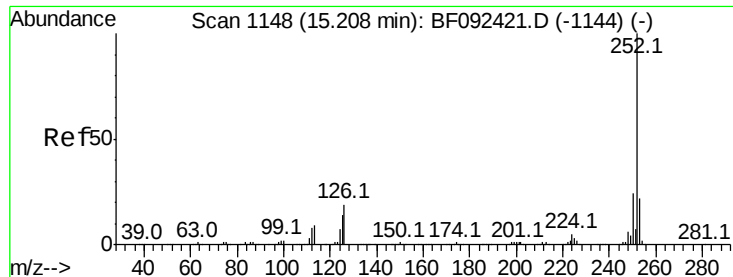
Tot Ion:276 Resp: 679644
 Ion Ratio Lower Upper
 276 100
 138 30.4 21.8 32.6
 277 24.6 20.2 30.4



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

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

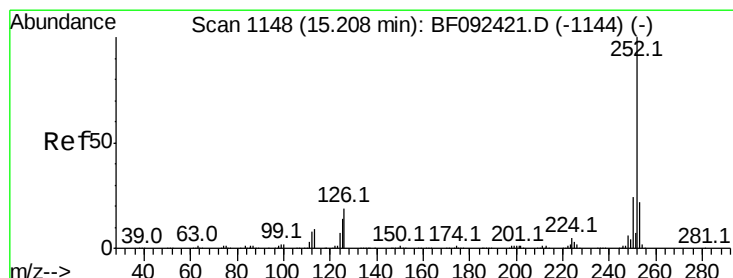
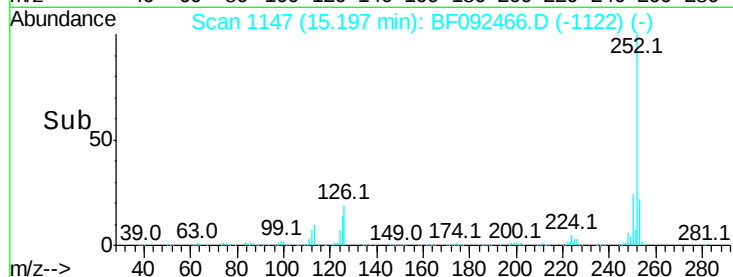
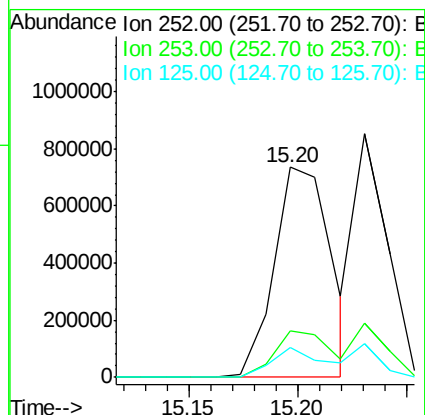
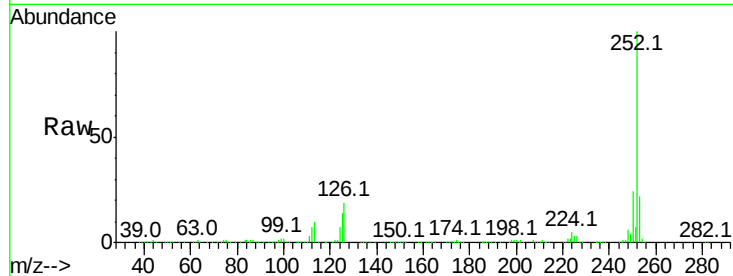




#87
Benzo(b)fluoranthene
Concen: 46.36 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

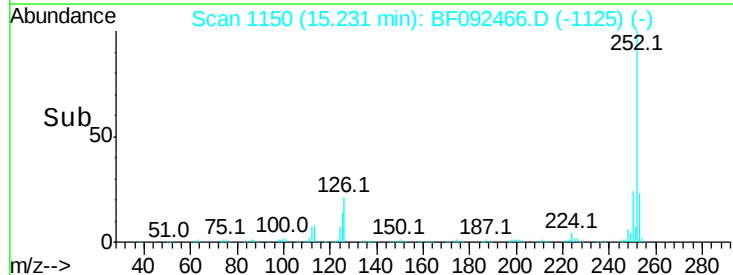
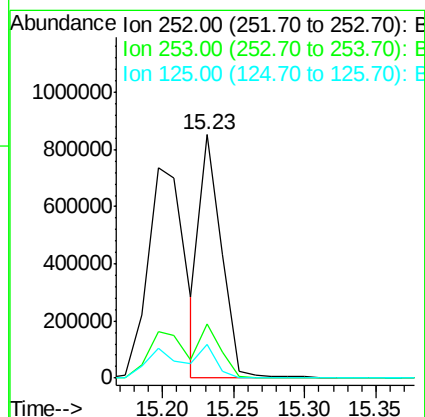
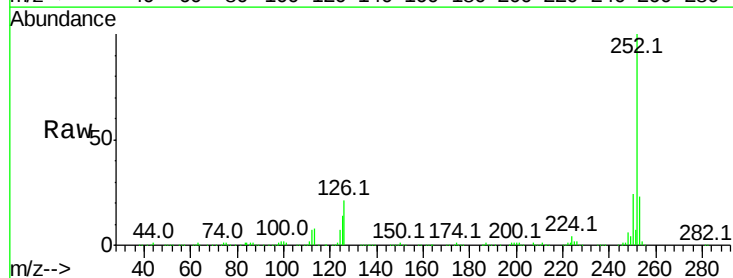
Instrument :
BNA_F
ClientSampleID :
0024DL

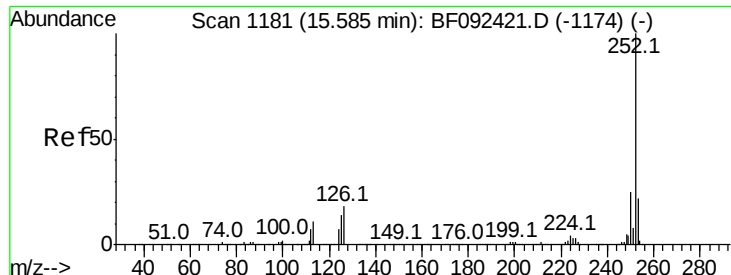
Tot Ion:252 Resp: 1339411
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 14.1 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 38.44 ng m
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092466.D
Acq: 25 Jan 2017 10:31

Tgt Ion:252 Resp: 923477
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 13.8 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

Instrument :

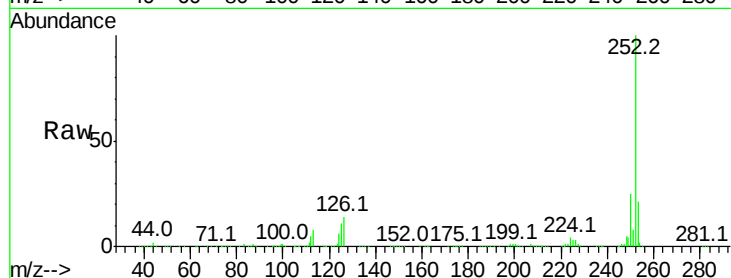
BNA_F

ClientSampleId :

0024DL

Tot Ion:252 Resp: 719666

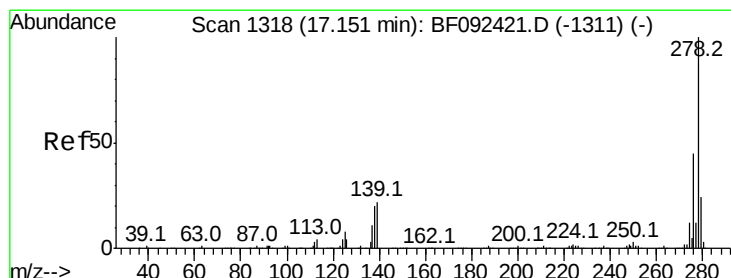
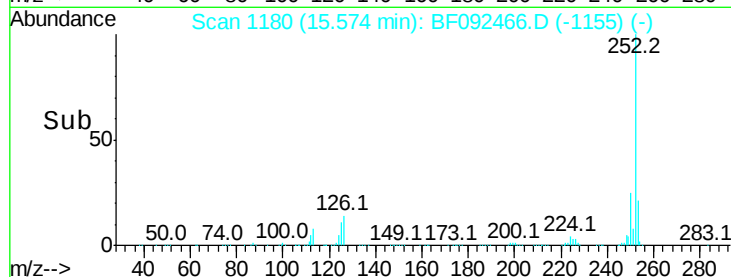
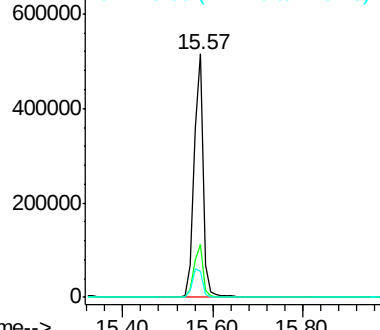
Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	10.7	10.0	15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 19.50 ng

RT: 17.13 min Scan# 1316

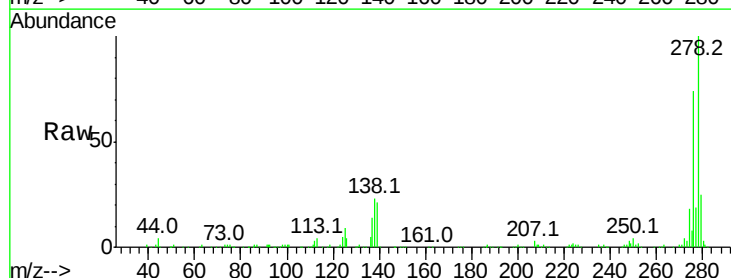
Delta R.T. -0.02 min

Lab File: BF092466.D

Acq: 25 Jan 2017 10:31

Tgt 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

