

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092465.D
 Acq On : 25 Jan 2017 9:57
 Operator : UM/SJ
 Sample : I1305-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0024

Quant Time: Jan 25 15:59:24 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	167388	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	728140	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	389269	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	621827	20.00	ng	0.00
75) Chrysene-d12	14.17	240	369133	20.00	ng	0.00
86) Perylene-d12	15.64	264	355288	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1121502	104.24	ng	0.01
7) Phenol-d6	6.59	99	1507140	109.98	ng	0.00
23) Nitrobenzene-d5	7.54	82	943783	70.80	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	306987	115.73	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1708169	81.14	ng	0.00
78) Terphenyl-d14	13.11	244	1390461	100.31	ng	-0.01

Target Compounds

						Qvalue
8) 2-Chlorophenol	6.75	128	1065104	94.25	ng	92
11) bis(2-Chloroethyl)ether	6.70	93	629378	50.86	ng	92
13) 1,4-Dichlorobenzene	6.99	146	1162625	86.43	ng	97
14) 1,2-Dichlorobenzene	7.15	146	1596414	125.10	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1208604	49.37	ng	92
17) 2-Methylphenol	7.23	107	1508439	156.22	ng	95
18) Hexachloroethane	7.49	117	654077	141.16	ng	98
20) 3+4-Methylphenols	7.38	107	1698203	144.97	ng	# 66
24) Nitrobenzene	7.56	77	1033053	73.98	ng	97
25) Isophorone	7.80	82	1837814	69.97	ng	95
26) 2-Nitrophenol	7.88	139	573418	97.99	ng	98
28) bis(2-Chloroethoxy)methane	8.02	93	1387367	80.46	ng	100
30) 1,2,4-Trichlorobenzene	8.21	180	1521148	133.38	ng	97
31) Naphthalene	8.29	128	2268822	60.88	ng	99
34) Hexachlorobutadiene	8.41	225	274258	43.97	ng	99
37) 2-Methylnaphthalene	8.99	142	2752420	116.66	ng	98
42) 2,4,6-Trichlorophenol	9.26	196	916396	121.81	ng	93
43) 2,4,5-Trichlorophenol	9.30	196	841328m	122.22	ng	
49) Dimethylphthalate	9.77	163	2919361	117.93	ng	99
50) 2,6-Dinitrotoluene	9.82	165	912500	180.35	ng	# 84
54) Dibenzofuran	10.25	168	3517992	123.69	ng	97
55) 4-Nitrophenol	10.14	139	497381	98.83	ng	# 62
56) 2,4-Dinitrotoluene	10.22	165	541521	80.63	ng	# 79
60) 4-Chlorophenyl-phenylether	10.58	204	1177553m	115.12	ng	
66) 4-Bromophenyl-phenylether	11.08	248	1035745	164.97	ng	# 77
69) Pentachlorophenol	11.33	266	636357	156.83	ng	98
70) Phenanthrene	11.55	178	2423226	70.76	ng	100
71) Anthracene	11.61	178	2637346	78.81	ng	99
73) Di-n-butylphthalate	12.10	149	4659040	127.51	ng	# 97
74) Fluoranthene	12.75	202	4495349	134.21	ng	97
77) Pyrene	12.98	202	4141997	154.87	ng	98
79) Butylbenzylphthalate	13.59	149	1229993	113.52	ng	92
82) Chrysene	14.19	228	3080481	145.40	ng	100
83) Bis(2-ethylhexyl)phthalate	14.15	149	2730565	200.10	ng	# 96

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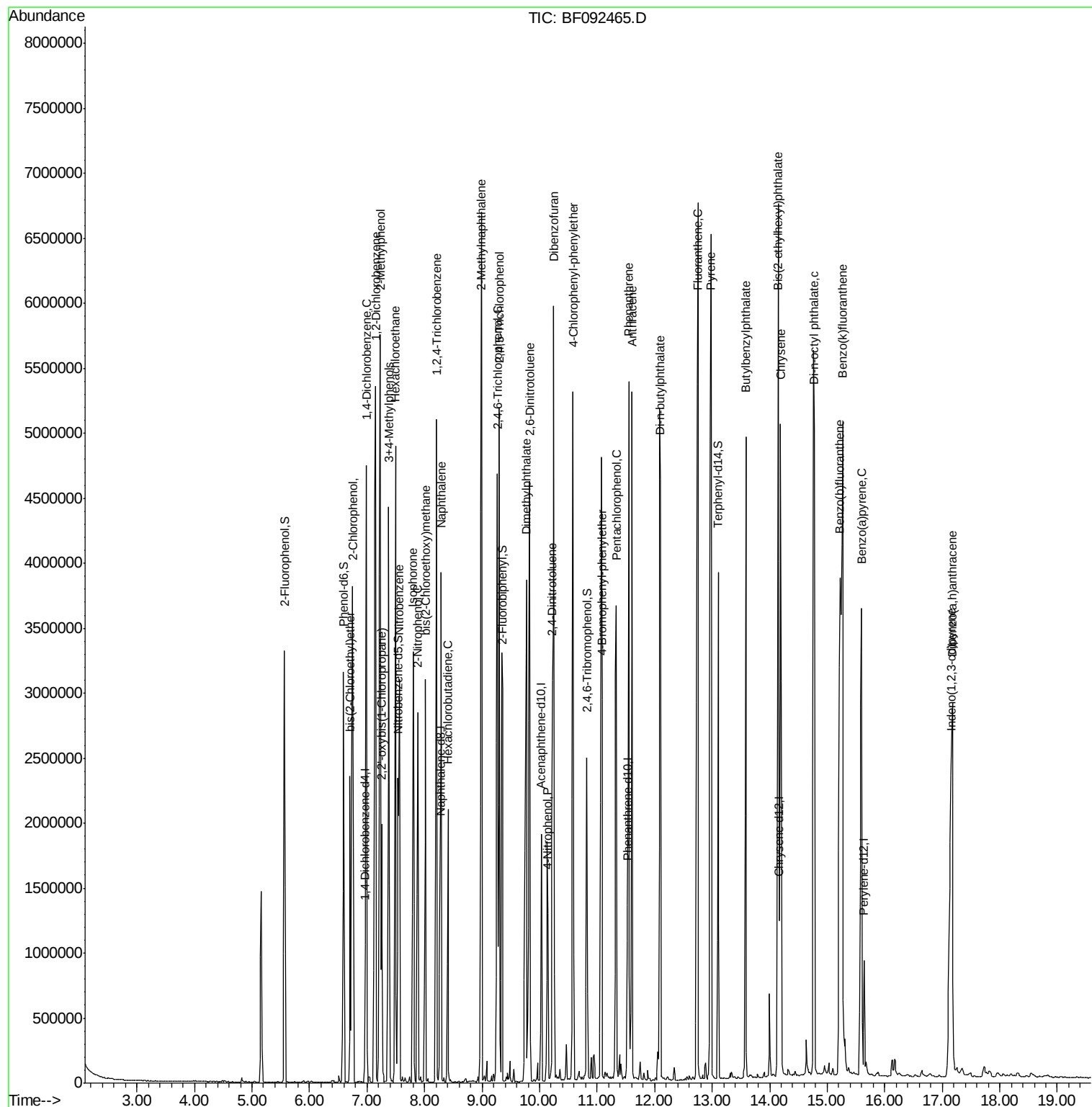
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.77	149	4528439	182.80	nq	100
85) Indeno(1,2,3-cd)pyrene	17.15	276	2653344	169.27	nq	97
87) Benzo(b)fluoranthene	15.22	252	4284225m	187.83	nq	
88) Benzo(k)fluoranthene	15.27	252	2628758m	138.60	nq	
89) Benzo(a)pyrene	15.60	252	2389429	123.84	nq	99
90) Dibenzo(a,h)anthracene	17.17	278	1420422	91.04	nq	97

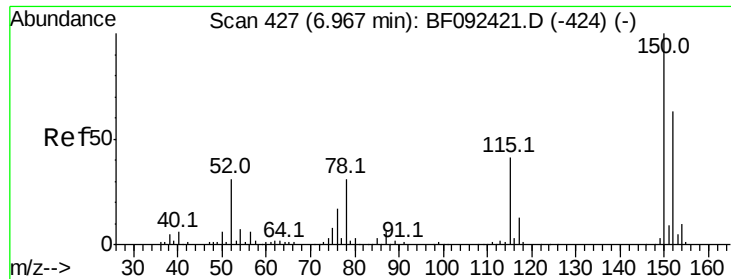
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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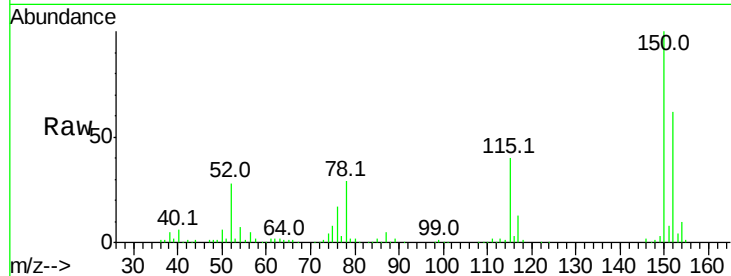


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092465.D
Acq: 25 Jan 2017 9:57

Instrument :
BNA_F
ClientSampleId :
0024

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.9	187.3
115	64.0	46.0	69.0

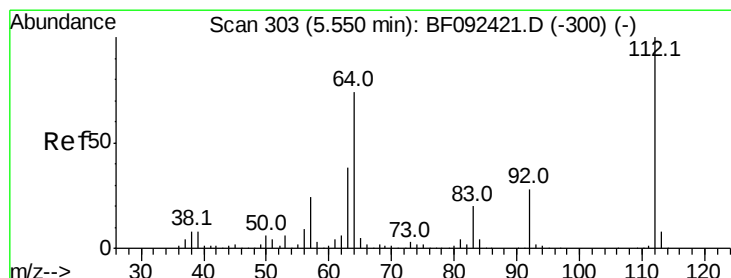
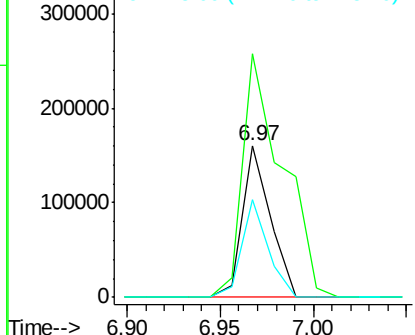
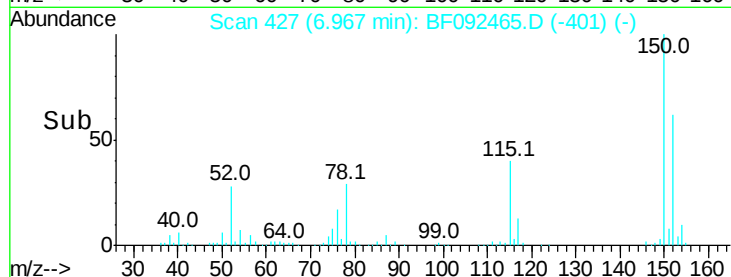


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

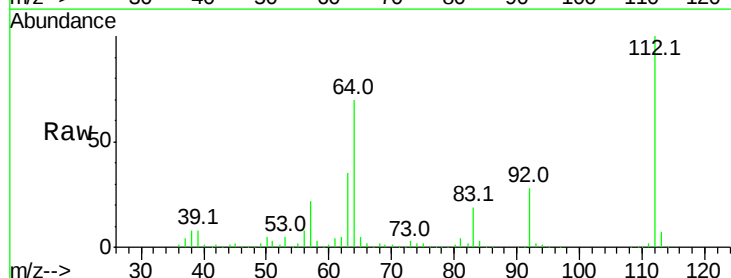
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.24 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092465.D
Acq: 25 Jan 2017 9:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	46.1	69.1#
63	35.4	23.8	35.6

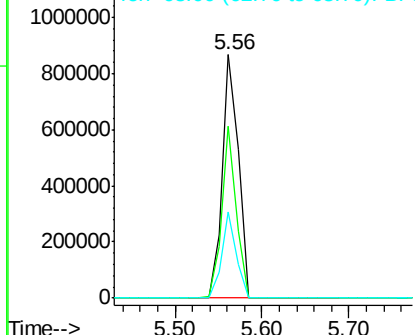
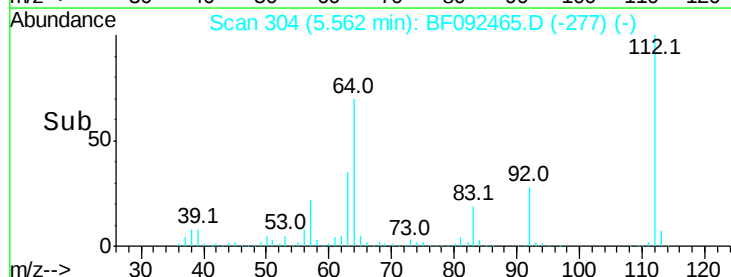


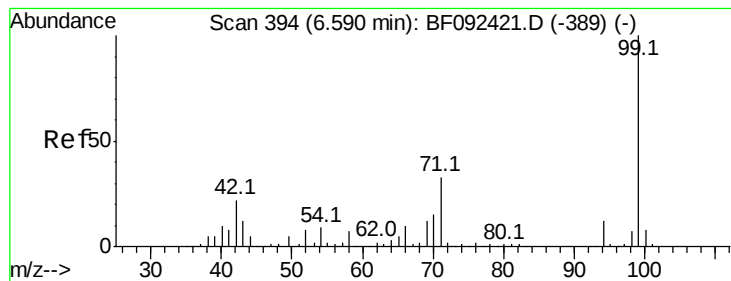
Abundance

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: 109.98 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

Instrument :

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ClientSampleId :

0024

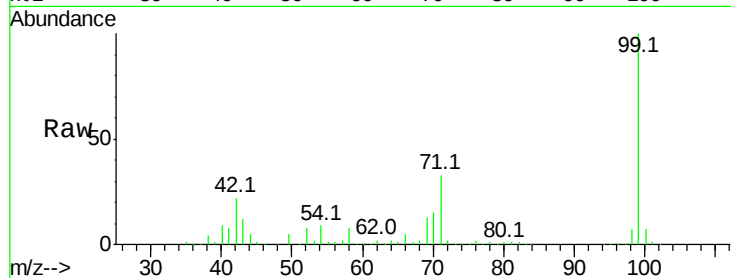
Tot Ion: 99 Resp: 1507140

Ion Ratio Lower Upper

99 100

42 22.1 15.6 23.4

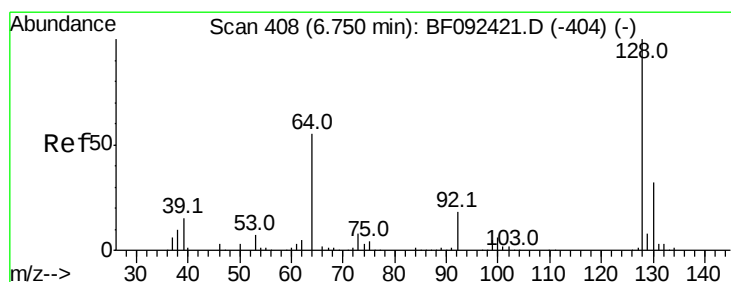
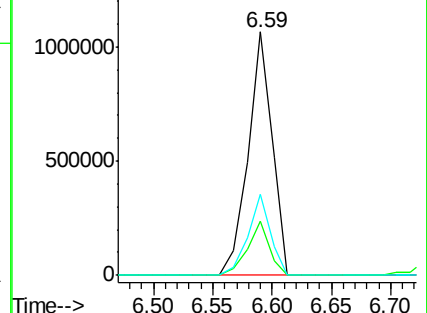
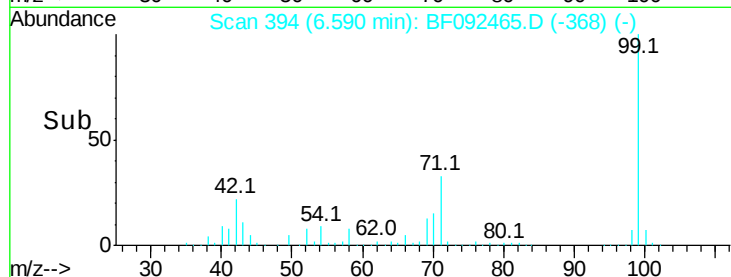
71 33.1 27.5 41.3



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: 94.25 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

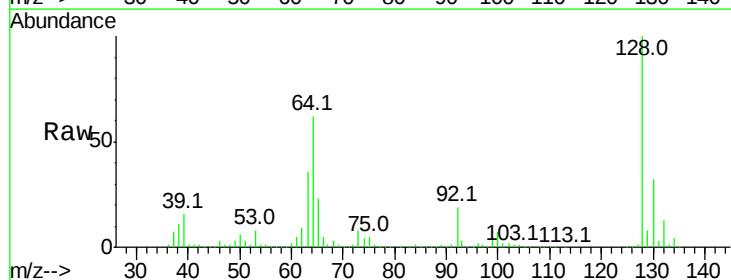
Tgt Ion:128 Resp: 1065104

Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

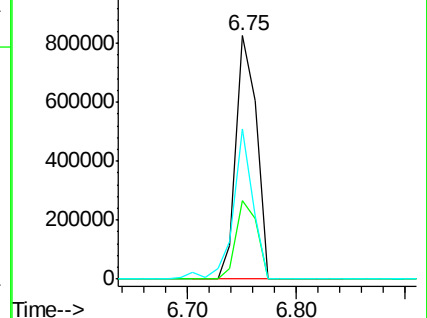
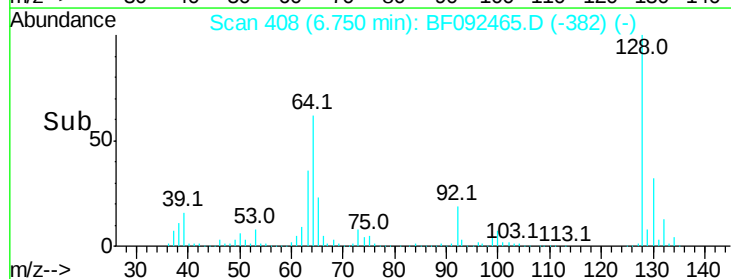
64 61.5 32.2 72.2

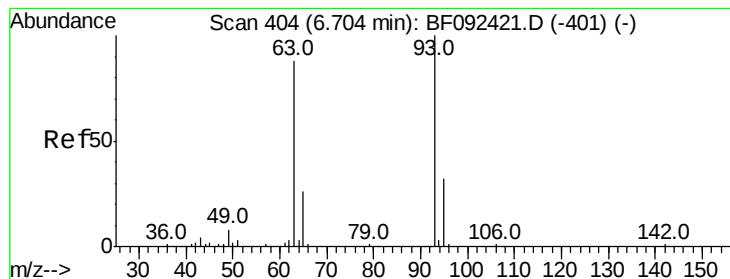


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 50.86 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF092465.D

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0024

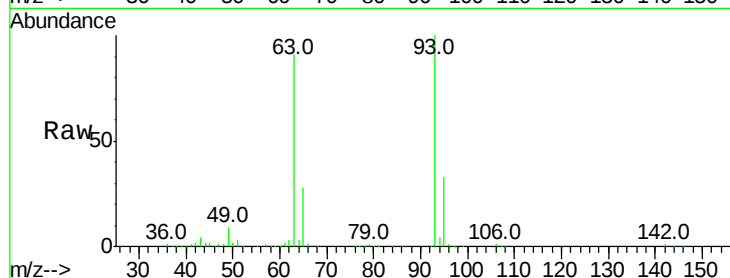
Tot Ion: 93 Resp: 629378

Ion Ratio Lower Upper

93 100

63 90.6 60.4 100.4

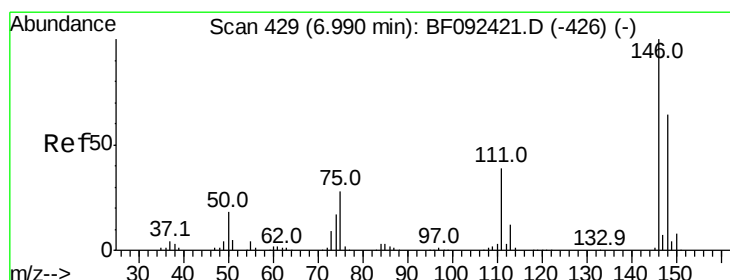
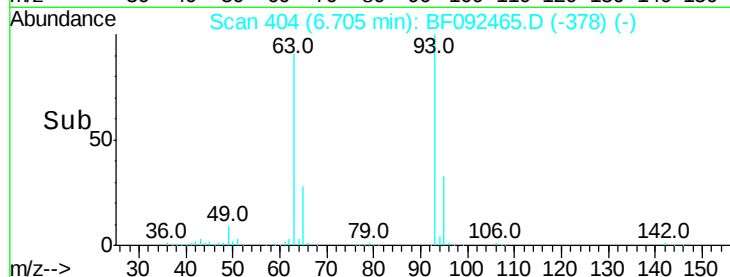
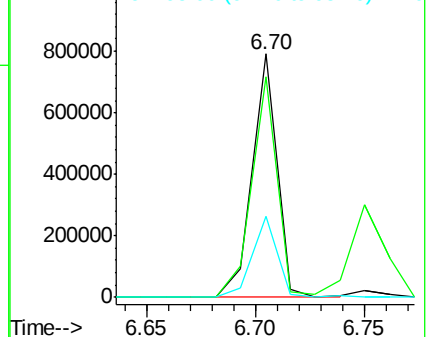
95 33.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#13

1,4-Dichlorobenzene

Concen: 86.43 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

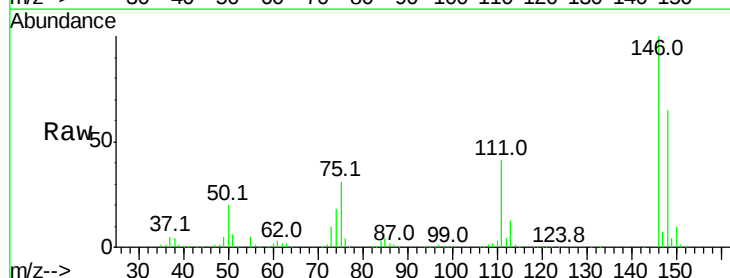
Tgt Ion: 146 Resp: 1162625

Ion Ratio Lower Upper

146 100

148 64.6 50.6 76.0

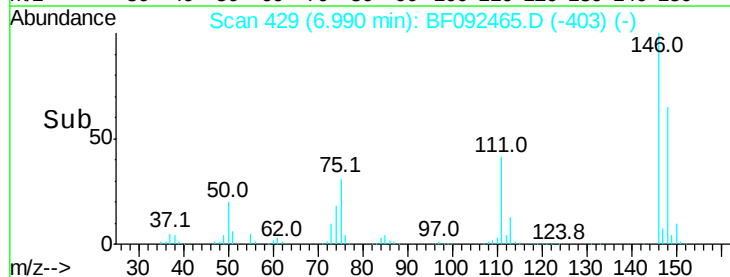
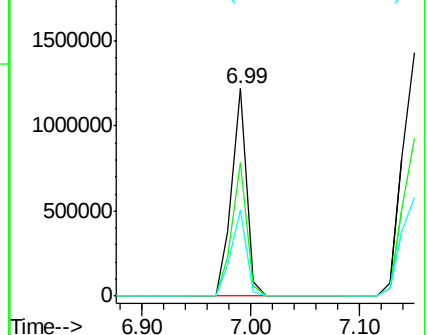
111 41.4 36.2 54.4

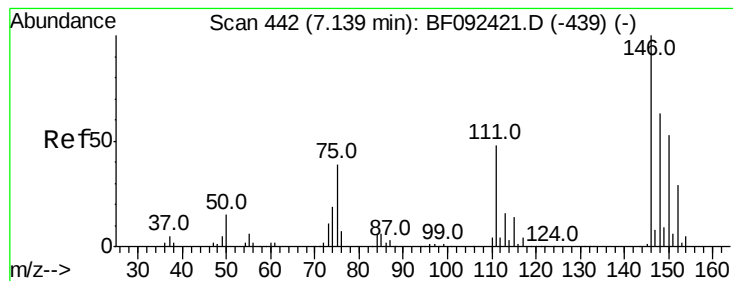


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 125.10 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF092465.D

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Instrument :

BNA_F

ClientSampleId :

0024

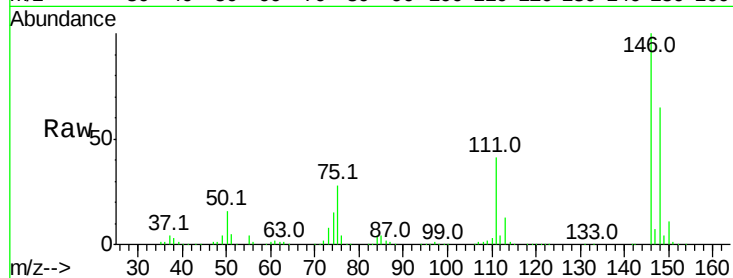
Tot Ion:146 Resp: 1596414

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

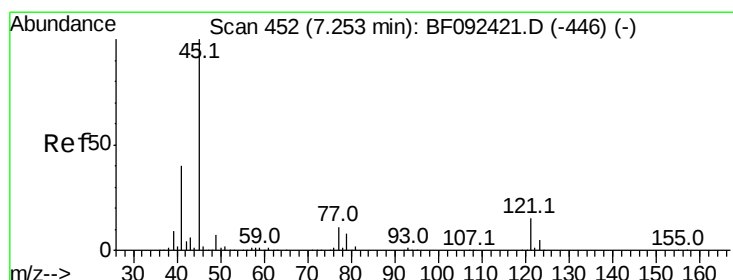
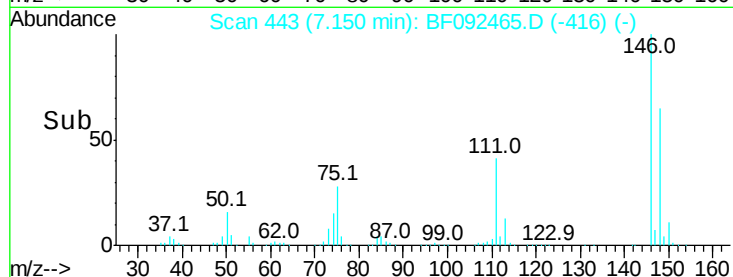
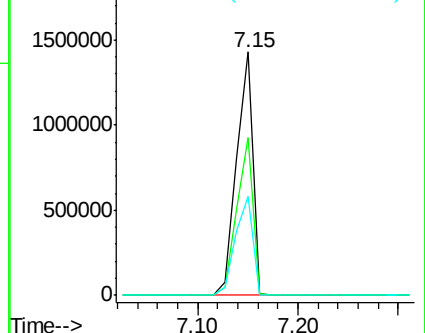
111 40.8 36.2 54.2



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: 49.37 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

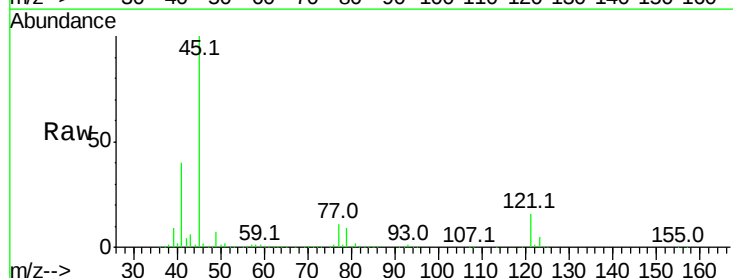
Tgt Ion: 45 Resp: 1208604

Ion Ratio Lower Upper

45 100

77 11.0 0.0 34.6

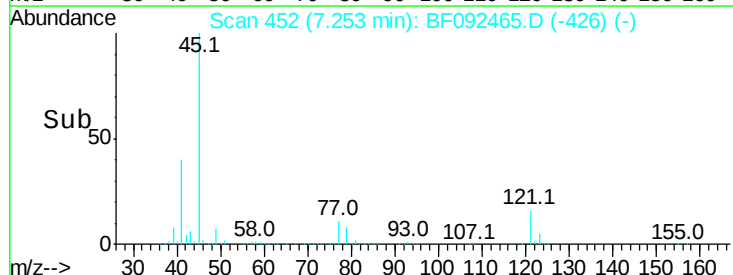
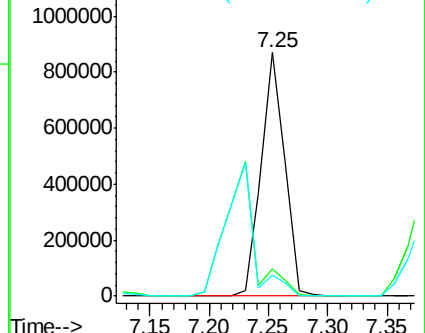
79 8.5 0.0 31.2

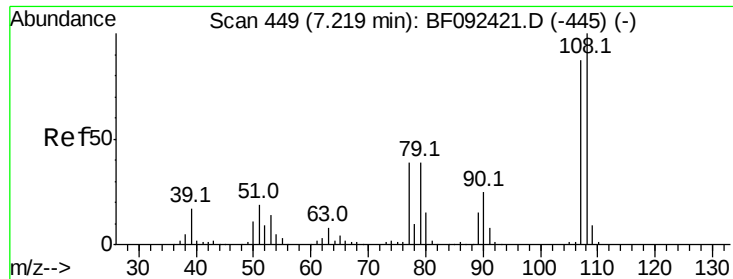


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

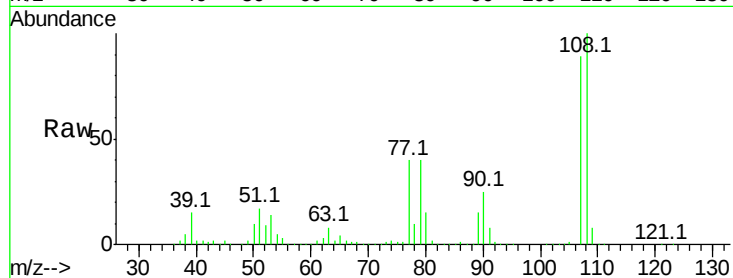




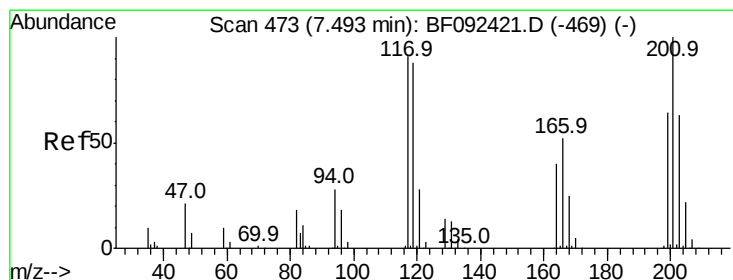
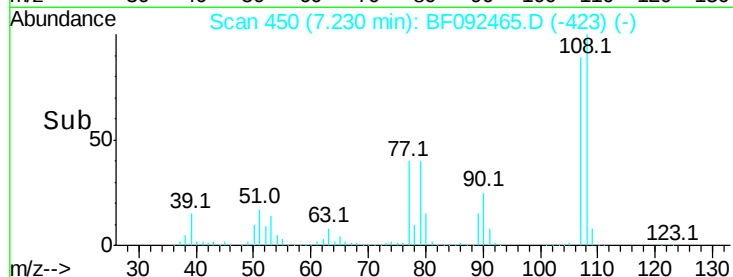
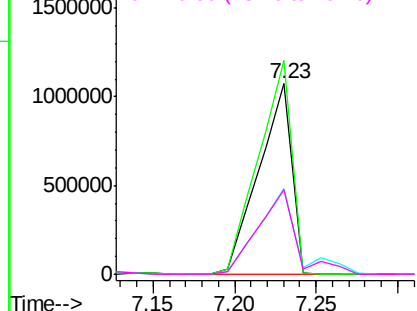
#17
2-Methylphenol
Concen: 156.22 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF092465.D
Acq: 25 Jan 2017 9:57

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Tot Ion:107 Resp: 1508439
Ion Ratio Lower Upper
107 100
108 112.2 93.0 139.6
77 45.0 39.8 59.8
79 44.5 38.0 57.0

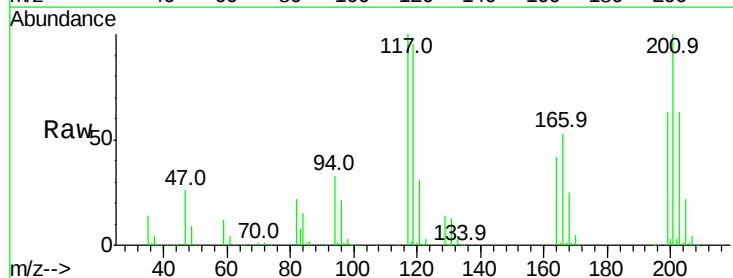


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

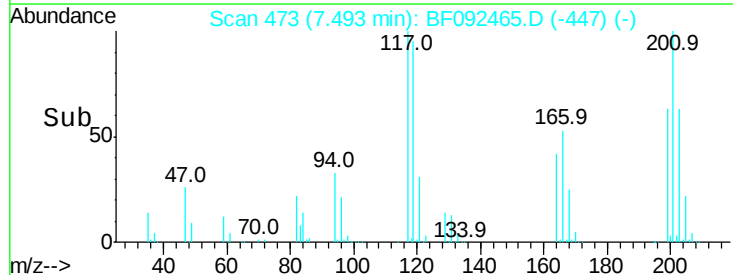
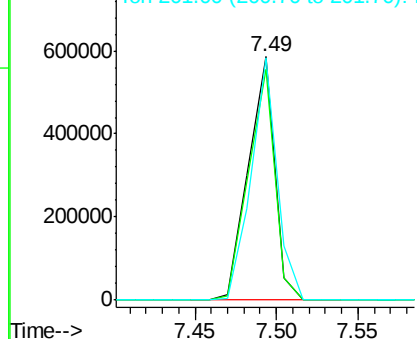


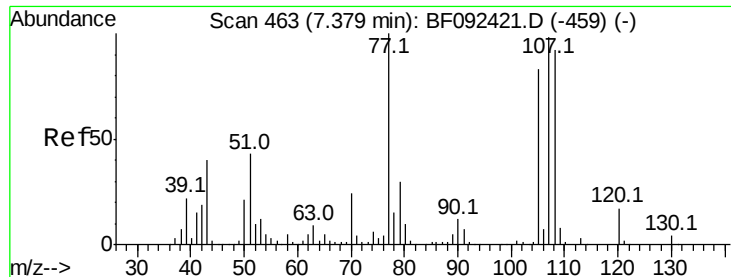
#18
Hexachloroethane
Concen: 141.16 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF092465.D
Acq: 25 Jan 2017 9:57

Tgt Ion:117 Resp: 654077
Ion Ratio Lower Upper
117 100
119 94.7 78.1 117.1
201 99.6 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: 144.97 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

Instrument :

BNA_F

ClientSampleId :

0024

Tot Ion:107 Resp: 1698203

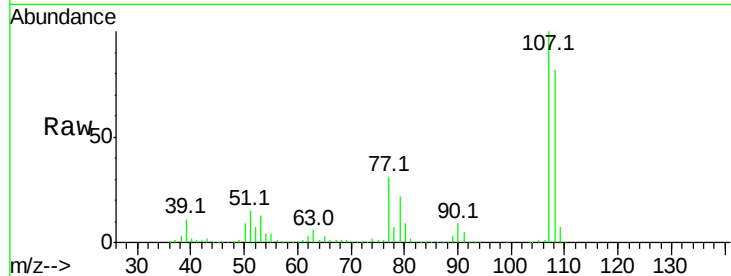
Ion Ratio Lower Upper

107 100

108 82.0 73.0 113.0

77 30.6 71.3 111.3#

79 22.2 11.1 51.1

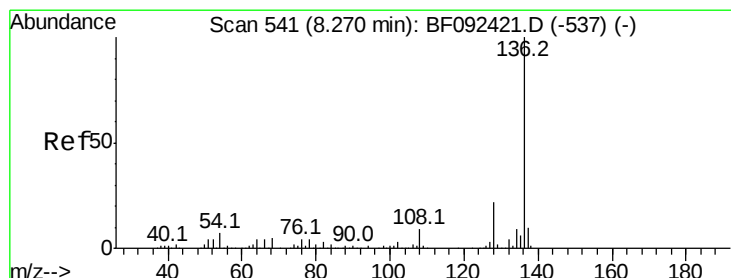
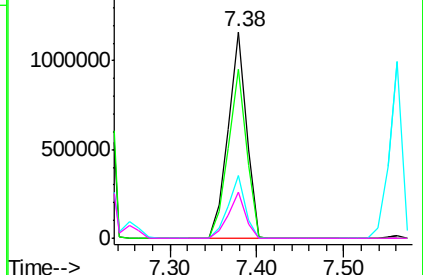
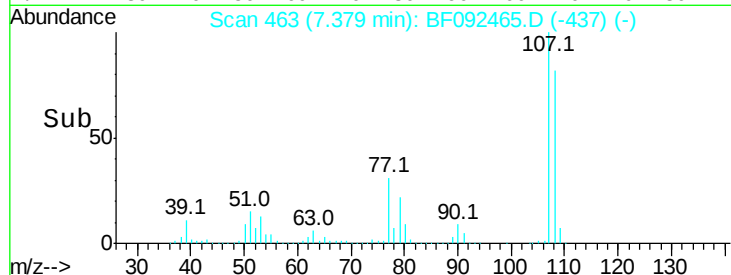


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

Tgt Ion:136 Resp: 728140

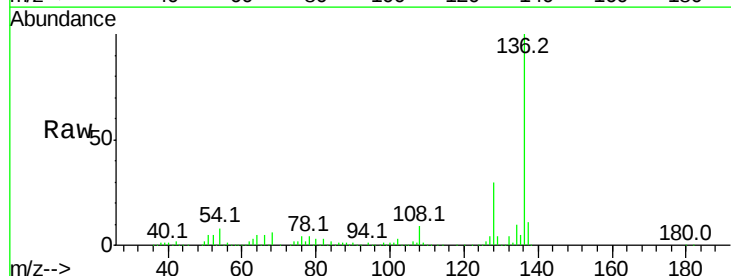
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 8.2 4.5 6.7#

68 6.1 3.6 5.4#

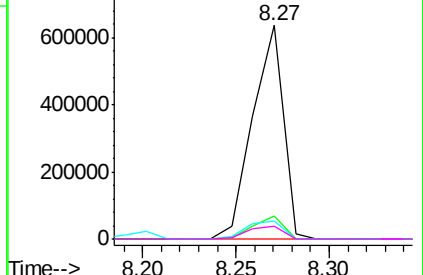
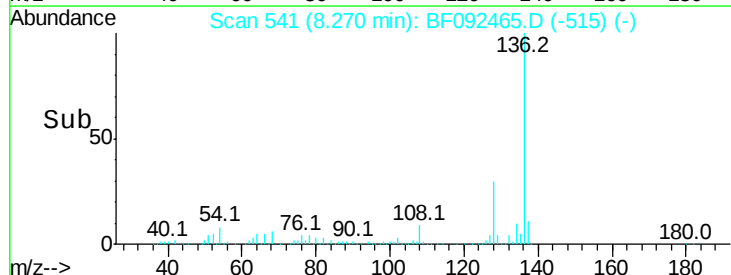


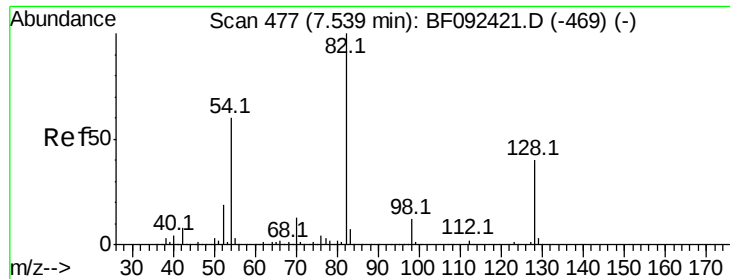
Abundance Ion 136.00 (135.70 to 136.70): E

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

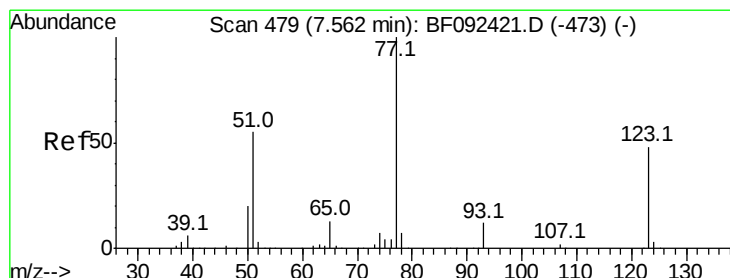
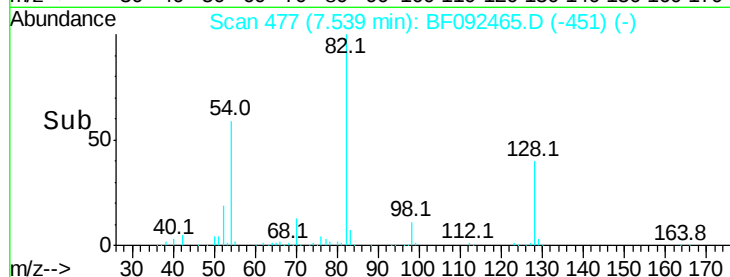
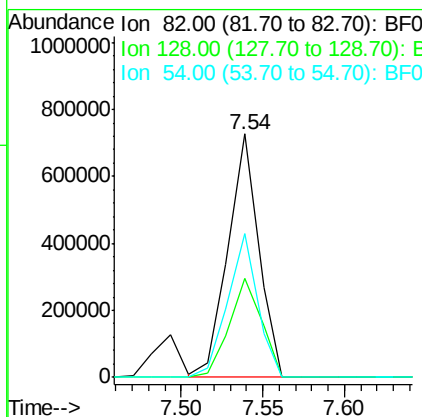
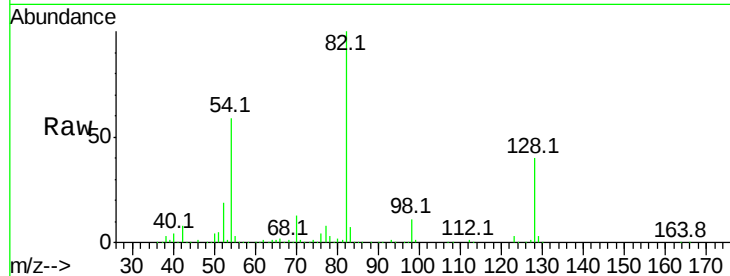




#23
 Nitrobenzene-d5
 Concen: 70.80 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

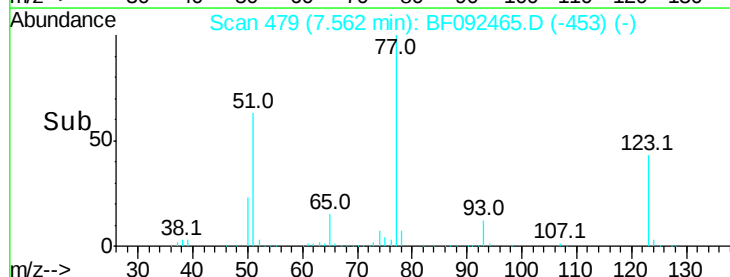
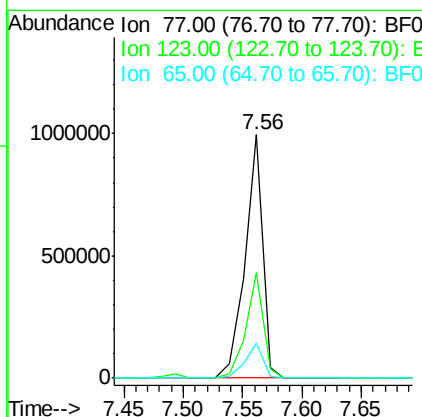
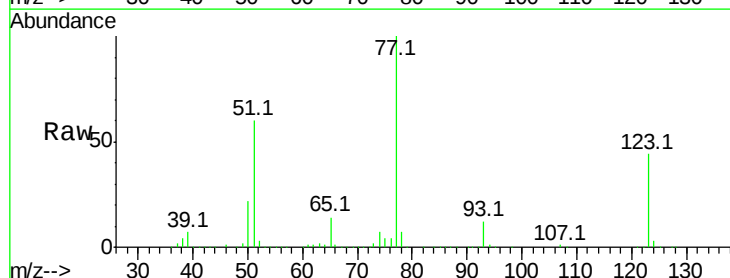
Instrument :
 BNA_F
 ClientSampleId :
 0024

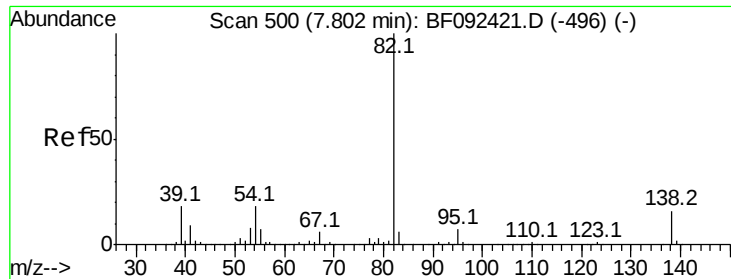
Tot Ion: 82 Resp: 943783
 Ion Ratio Lower Upper
 82 100
 128 40.4 34.6 52.0
 54 59.3 39.5 59.3#



#24
 Nitrobenzene
 Concen: 73.98 ng
 RT: 7.56 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Tgt Ion: 77 Resp: 1033053
 Ion Ratio Lower Upper
 77 100
 123 43.5 33.0 49.4
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 69.97 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

Instrument :

BNA_F

ClientSampleId :

0024

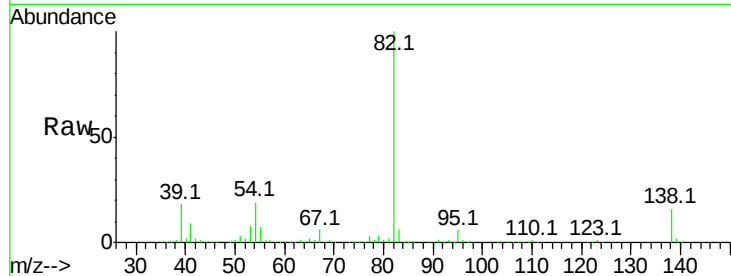
Tot Ion: 82 Resp: 1837814

Ion Ratio Lower Upper

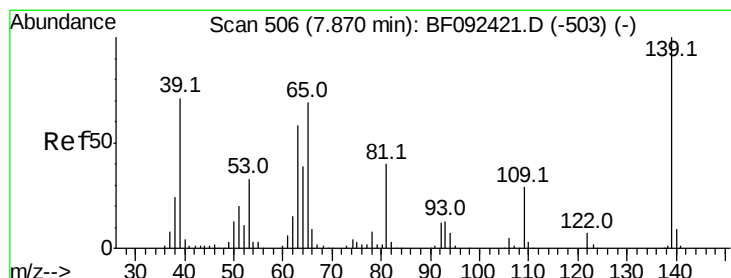
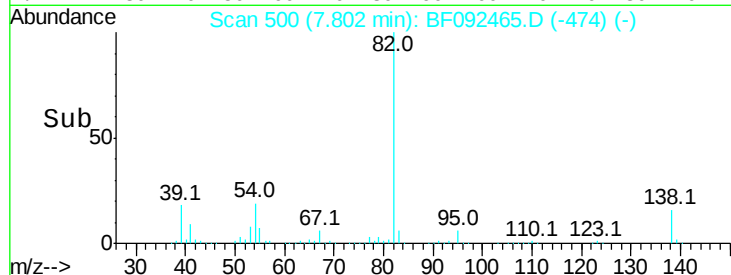
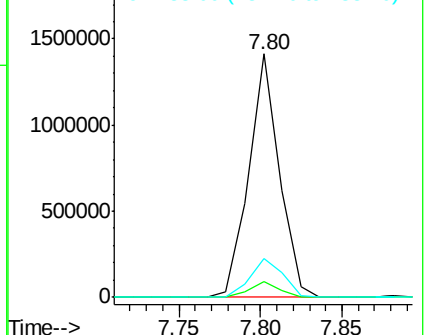
82 100

95 6.4 5.6 8.4

138 15.8 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 97.99 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

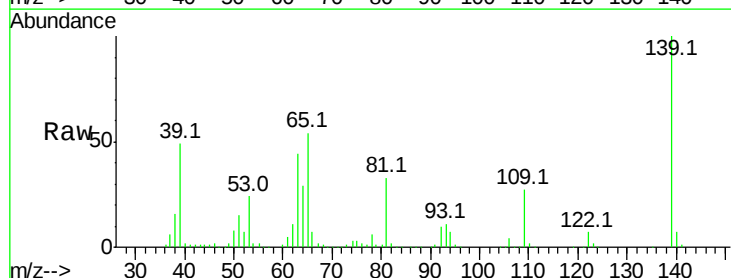
Tgt Ion: 139 Resp: 573418

Ion Ratio Lower Upper

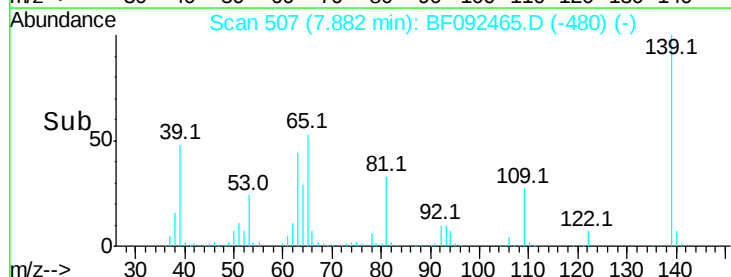
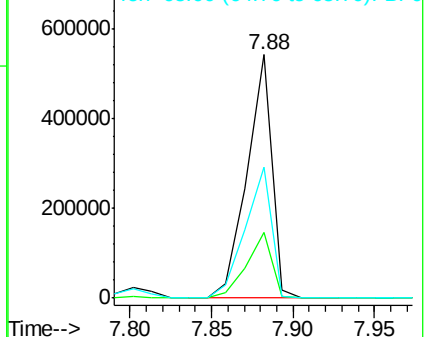
139 100

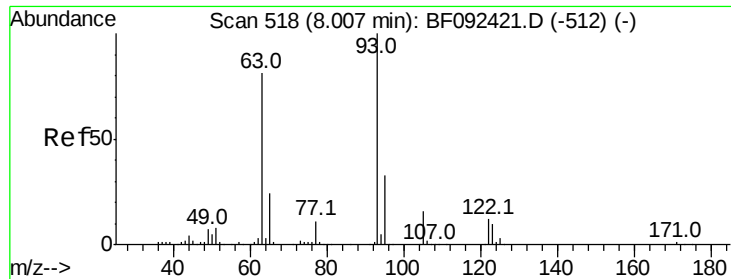
109 27.2 23.3 34.9

65 53.7 42.7 64.1



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



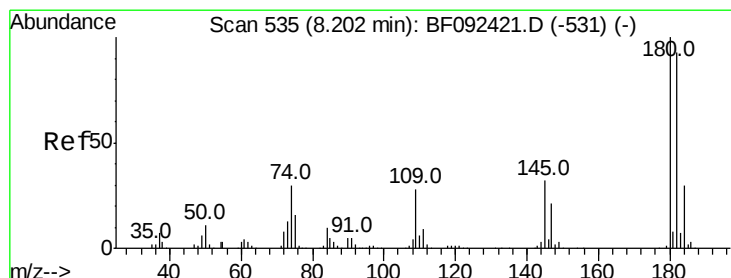
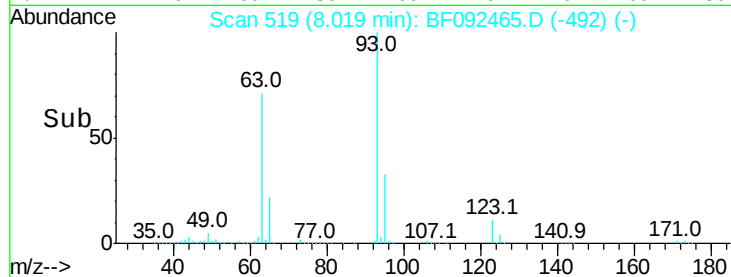
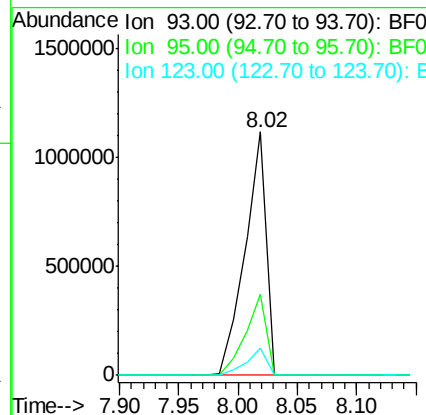
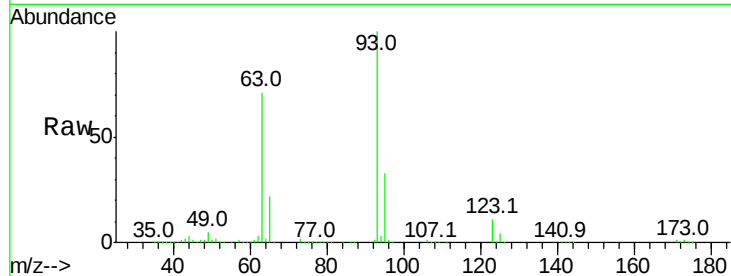


#28
 bis(2-Chloroethoxy)methane
 Concen: 80.46 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Instrument :
 BNA_F
 ClientSampleID :
 0024

Tot Ion: 93 Resp: 1387367

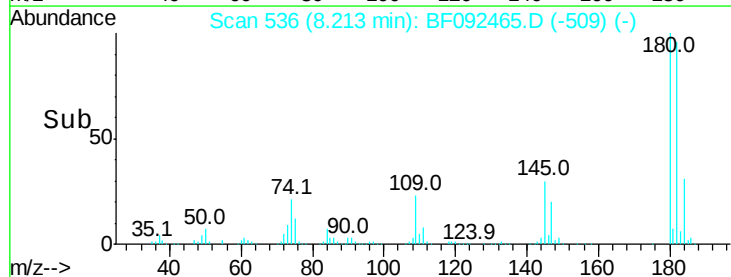
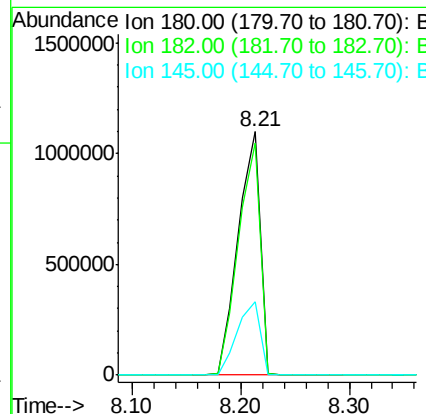
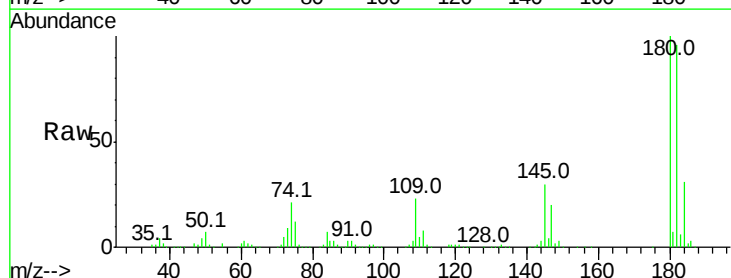
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	11.1	8.6	13.0

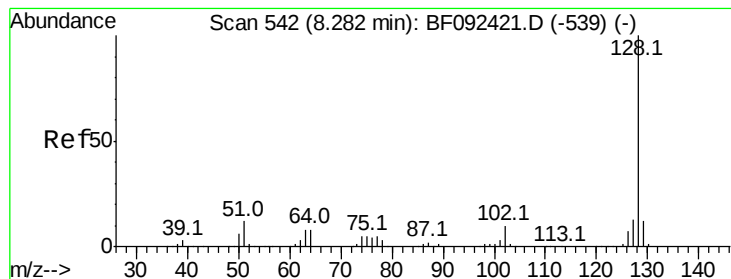


#30
 1,2,4-Trichlorobenzene
 Concen: 133.38 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Tgt Ion: 180 Resp: 1521148

Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.2	117.4
145	30.1	21.6	32.4





#31

Naphthalene

Concen: 60.88 ng

RT: 8.29 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

Instrument :

BNA_F

ClientSampleId :

0024

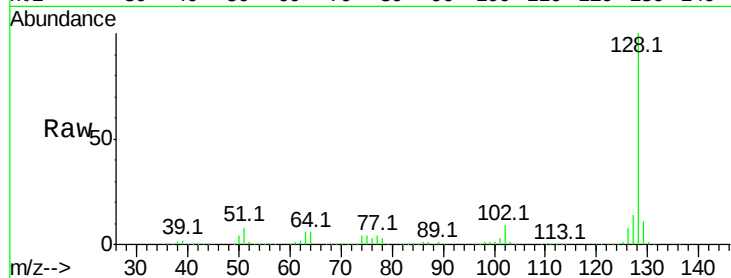
Tot Ion:128 Resp: 2268822

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

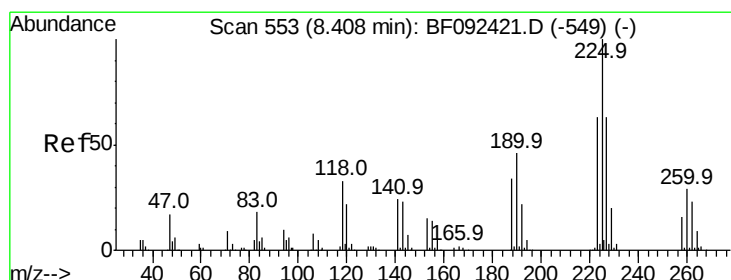
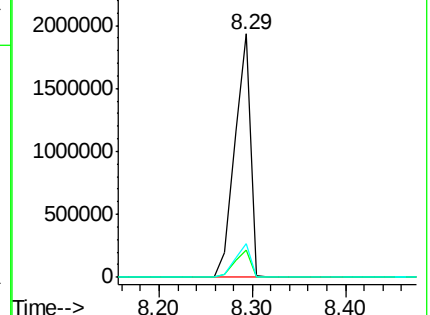
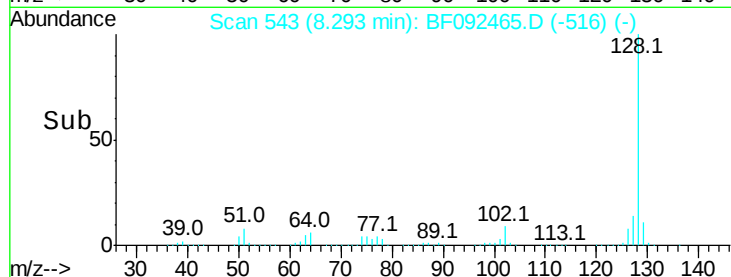
127 14.0 10.8 16.2



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: 43.97 ng

RT: 8.41 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

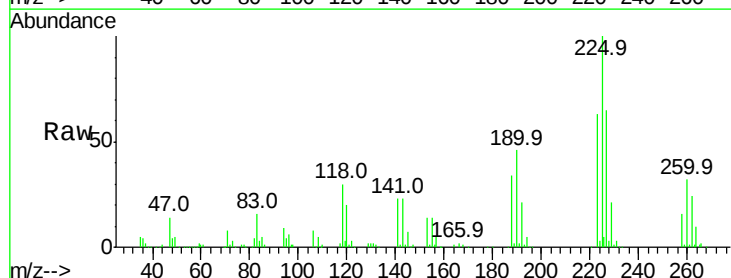
Tgt Ion:225 Resp: 274258

Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.6

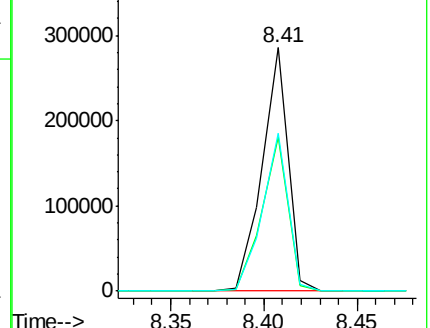
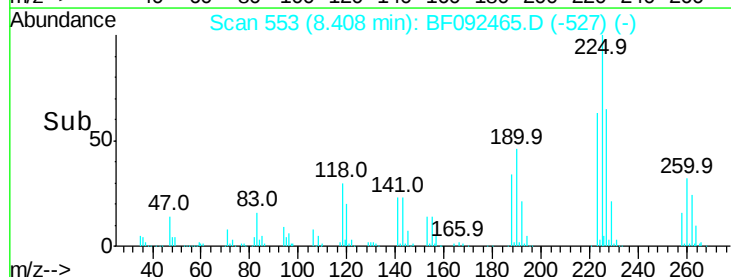
227 65.0 50.6 76.0

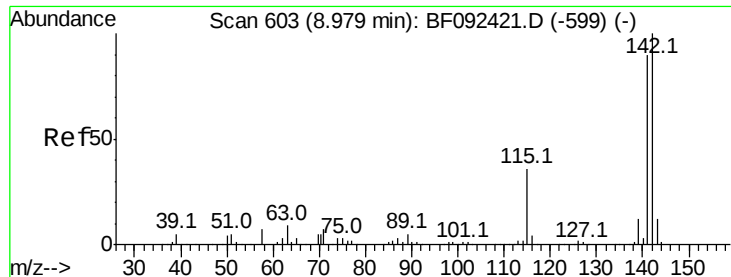


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

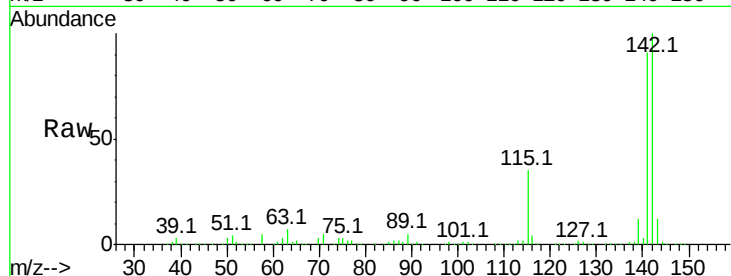




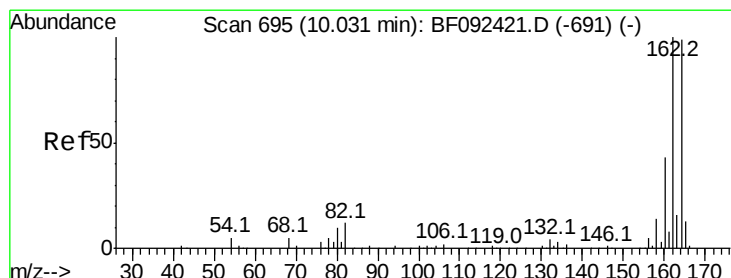
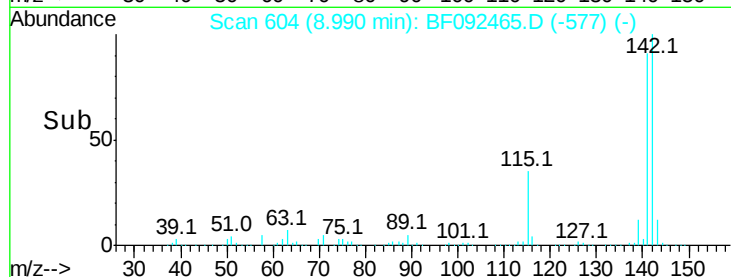
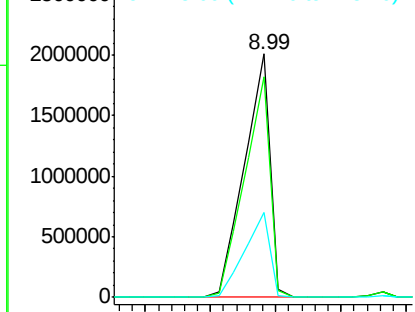
#37
 2-Methylnaphthalene
 Concen: 116.66 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Instrument :
 BNA_F
 ClientSampled :
 0024

Tot Ion:142 Resp: 2752420
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.0 106.6
 115 34.6 28.3 42.5

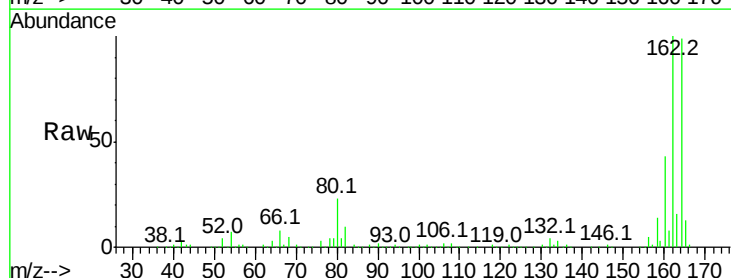


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

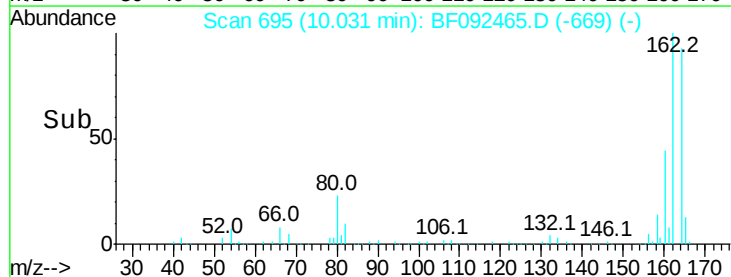
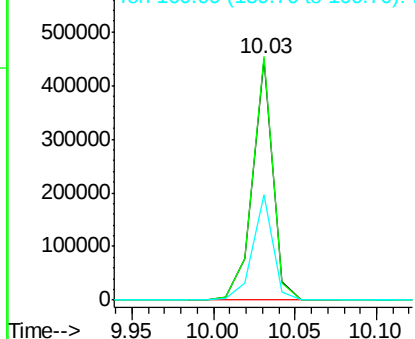


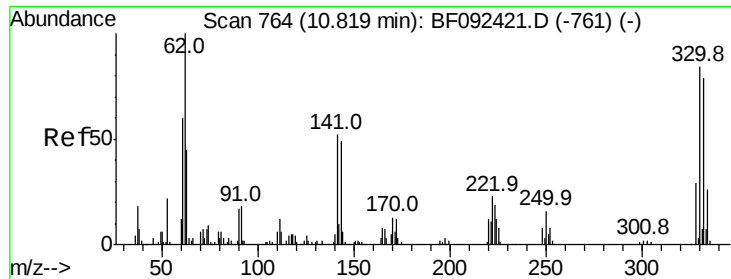
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Tgt Ion:164 Resp: 389269
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.2 120.2
 160 43.9 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: 115.73 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

Instrument :

BNA_F

ClientSampleId :

0024

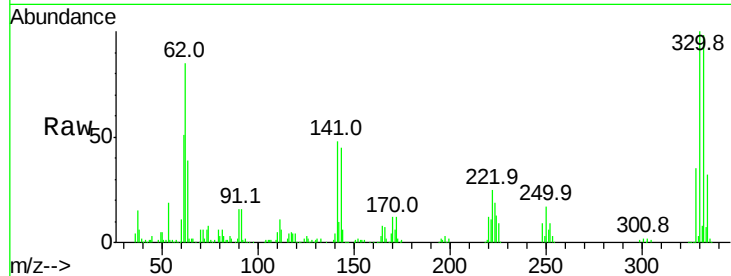
Tot Ion:330 Resp: 306987

Ion Ratio Lower Upper

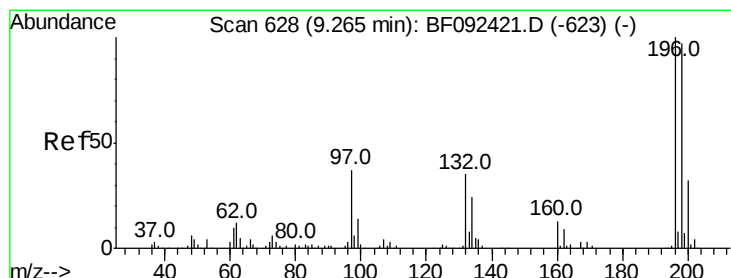
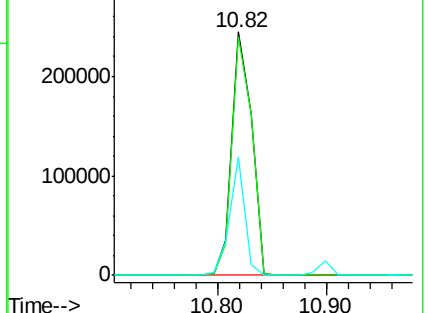
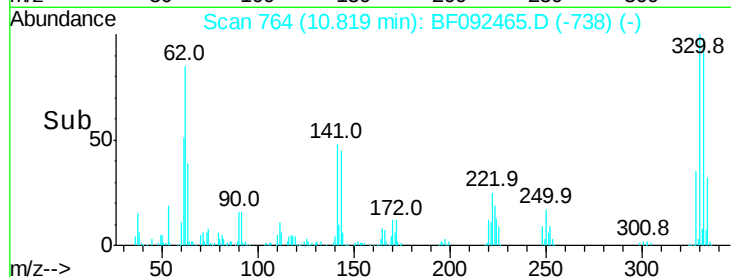
330 100

332 98.1 77.4 116.2

141 37.4 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: 121.81 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

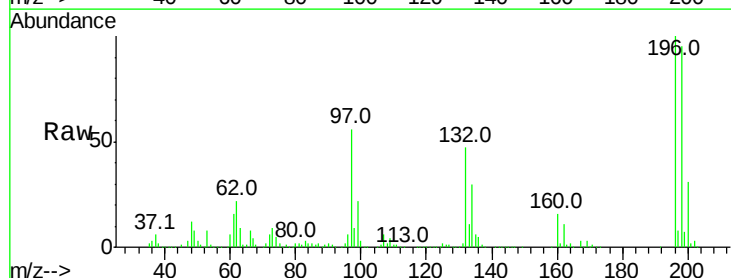
Tgt Ion:196 Resp: 916396

Ion Ratio Lower Upper

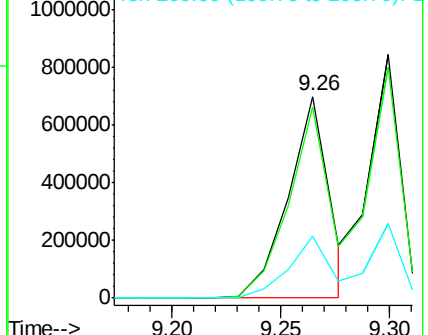
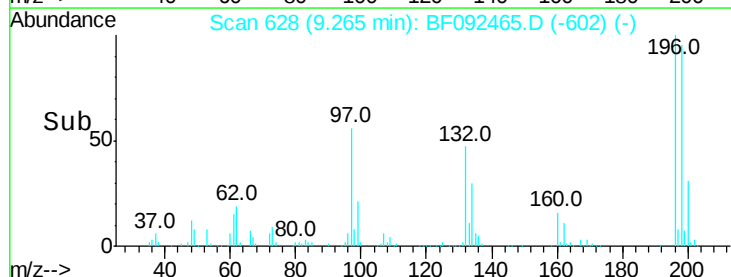
196 100

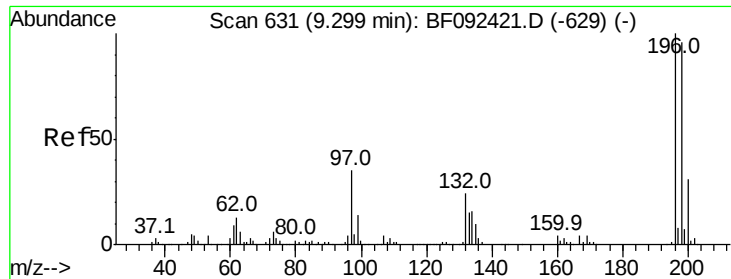
198 95.1 82.1 123.1

200 30.5 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

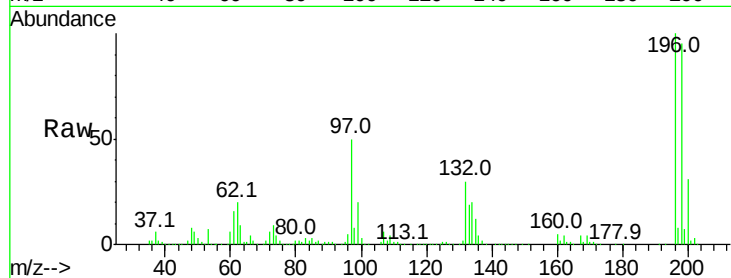




#43
 2,4,5-Trichlorophenol
 Concen: 122.22 ng/mL
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 0024

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	79.4	119.2
97	50.4	51.5	77.3
132	30.4	27.4	41.2



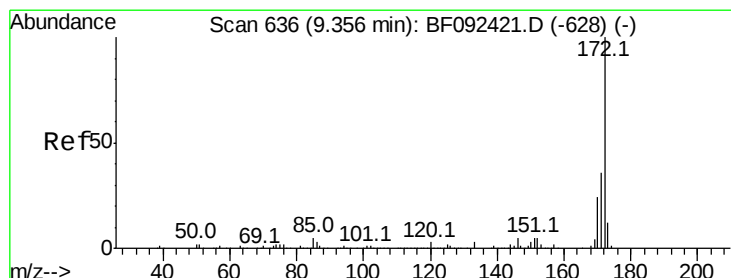
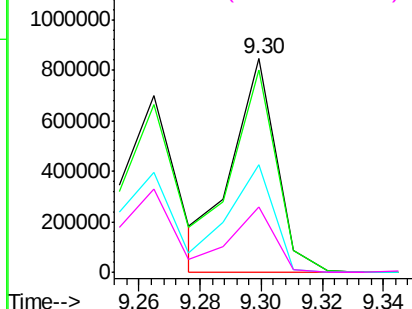
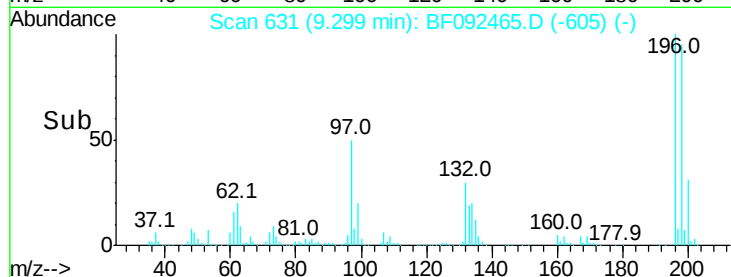
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

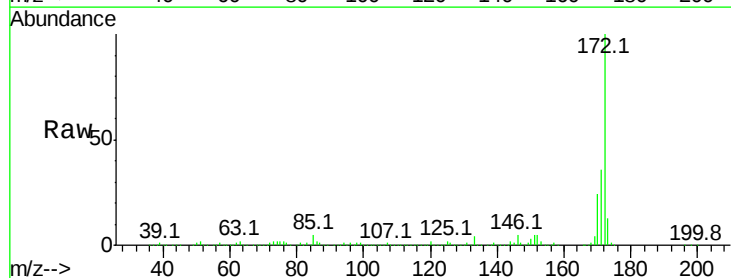
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.14 ng/mL
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.9	20.2	30.4

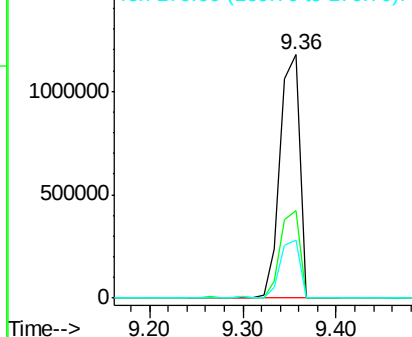
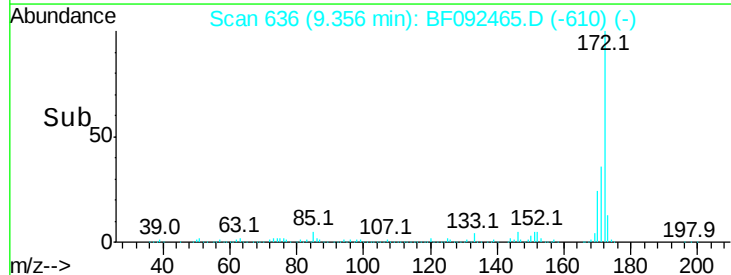


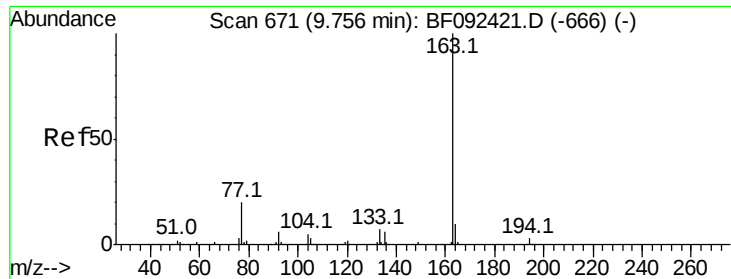
Abundance

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

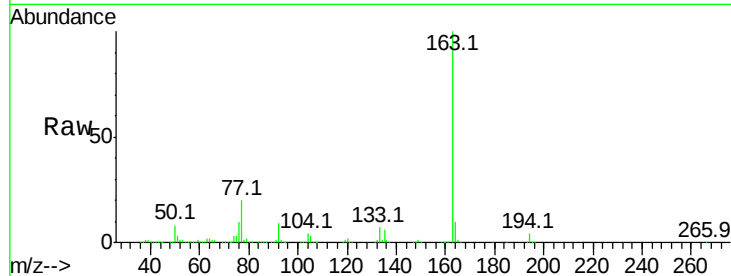




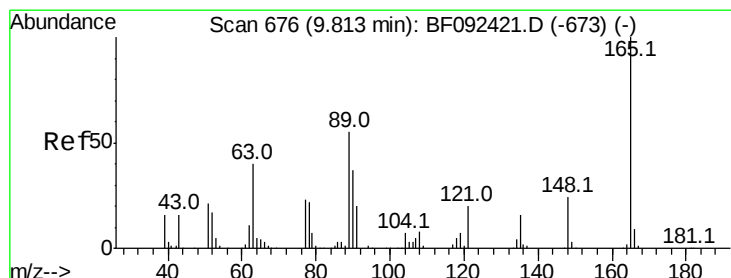
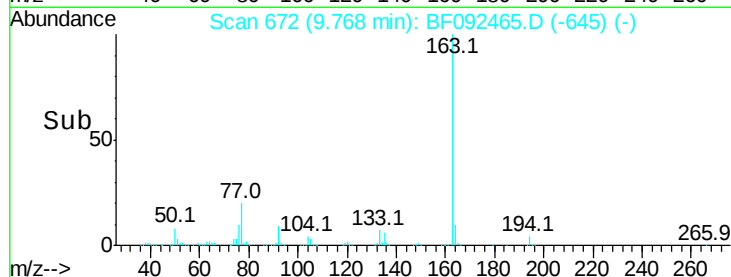
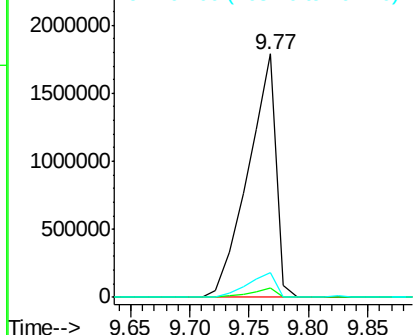
#49
Dimethylphthalate
Concen: 117.93 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF092465.D
Acq: 25 Jan 2017 9:57

Instrument :
BNA_F
ClientSampleId :
0024

Tot Ion:163 Resp: 2919361
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.4 8.0 12.0

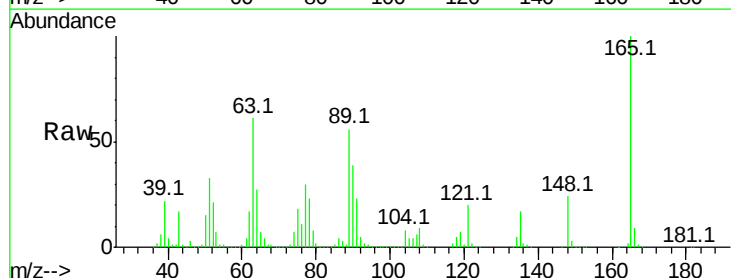


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

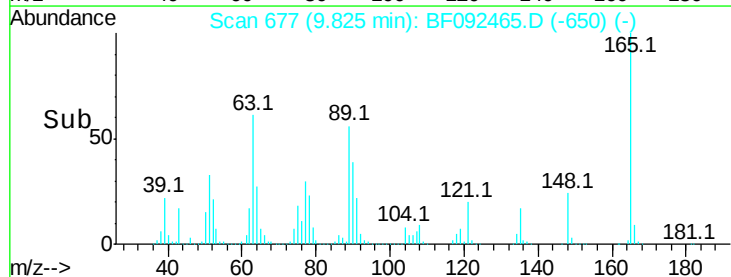
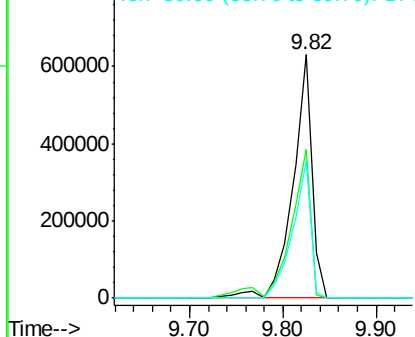


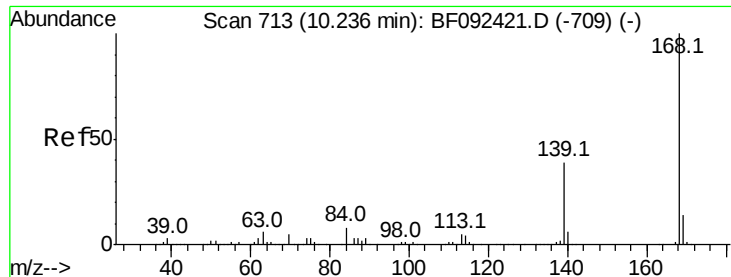
#50
2,6-Dinitrotoluene
Concen: 180.35 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF092465.D
Acq: 25 Jan 2017 9:57

Tgt Ion:165 Resp: 912500
Ion Ratio Lower Upper
165 100
63 61.1 36.2 54.4#
89 56.4 40.2 60.4



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





#54

Dibenzenofuran

Concen: 123.69 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

Instrument :

BNA_F

ClientSampleId :

0024

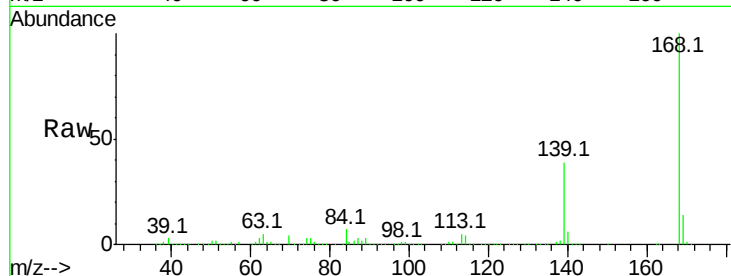
Tot Ion:168 Resp: 3517992

Ion Ratio Lower Upper

168 100

139 38.6 32.6 49.0

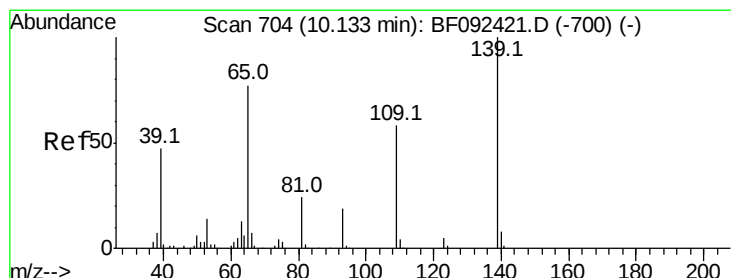
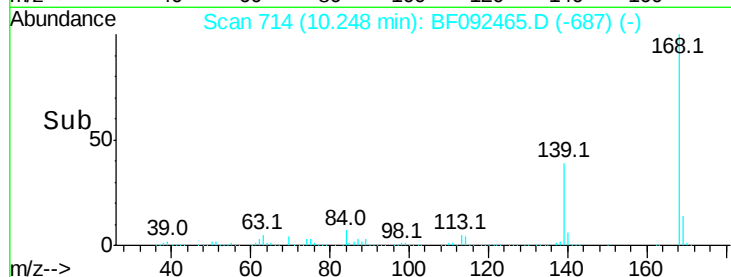
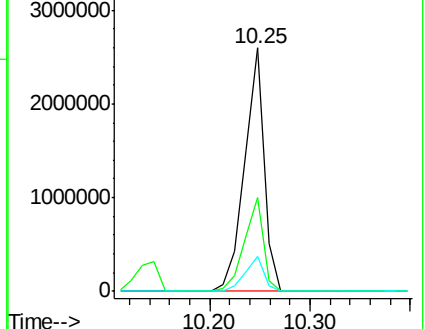
169 14.3 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 98.83 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

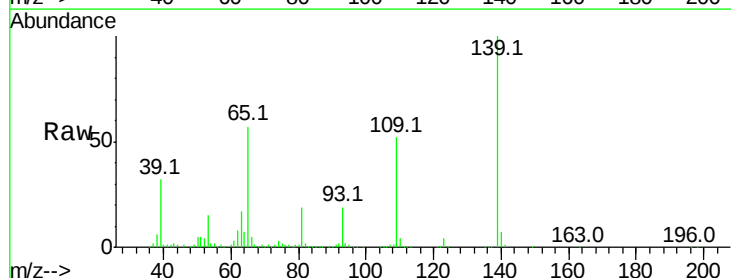
Tgt Ion:139 Resp: 497381

Ion Ratio Lower Upper

139 100

109 52.5 52.2 92.2

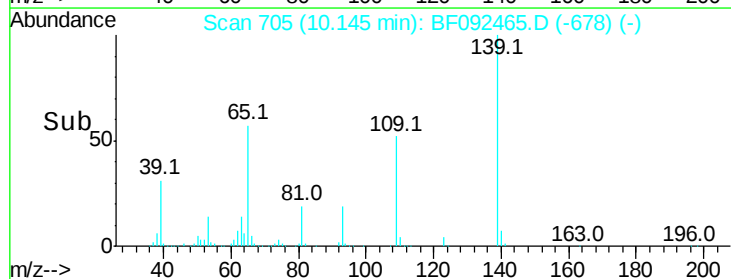
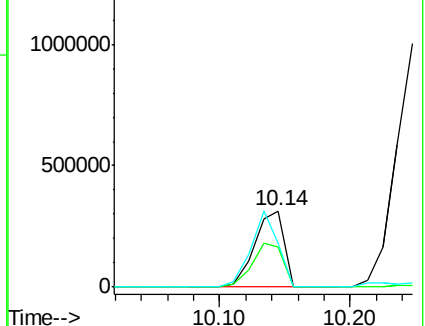
65 57.0 85.8 125.8#

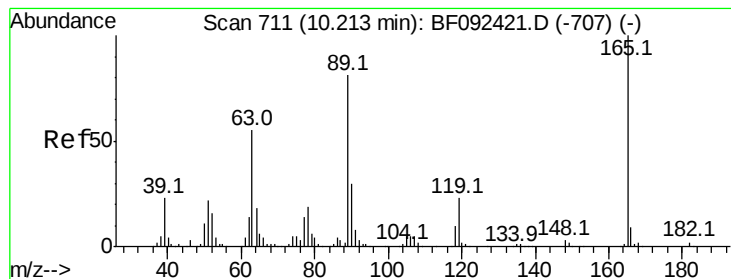


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 80.63 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

Instrument :

BNA_F

ClientSampleId :

0024

Tot Ion:165 Resp: 541521

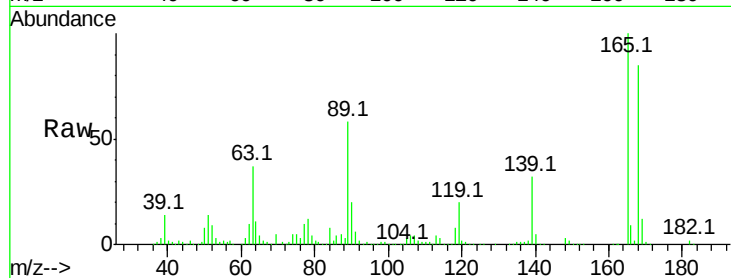
Ion Ratio Lower Upper

165 100

63 36.9 40.2 60.4#

89 57.9 62.5 93.7#

182 2.3 1.8 2.8

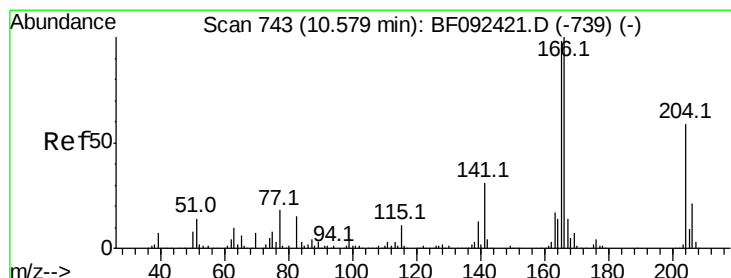
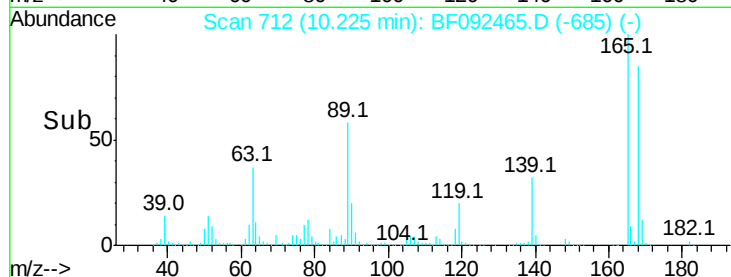
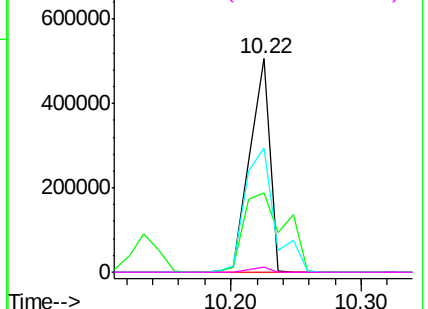


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#60

4-Chlorophenyl-phenylether

Concen: 115.12 ng m

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

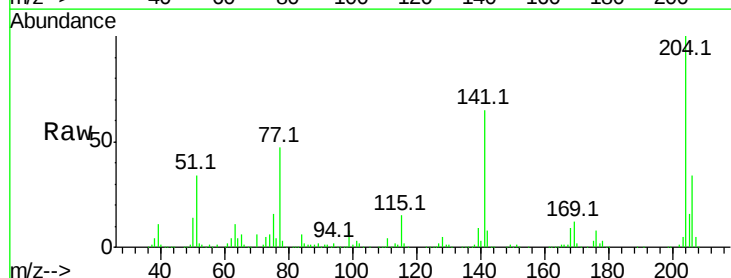
Tgt Ion:204 Resp: 1177553

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

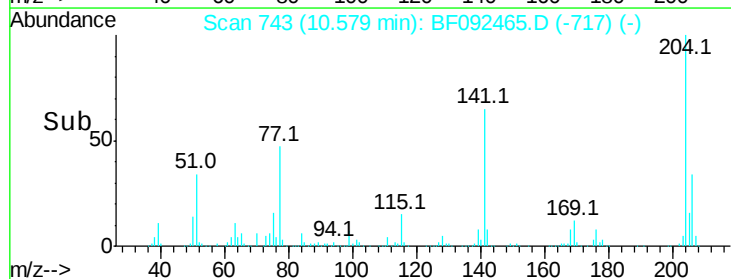
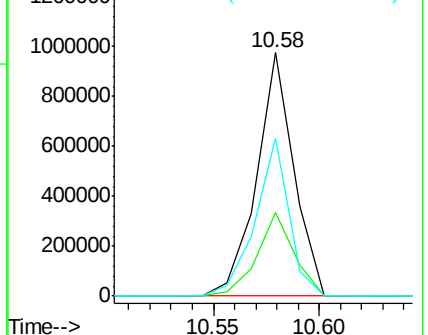
141 64.7 59.4 89.0

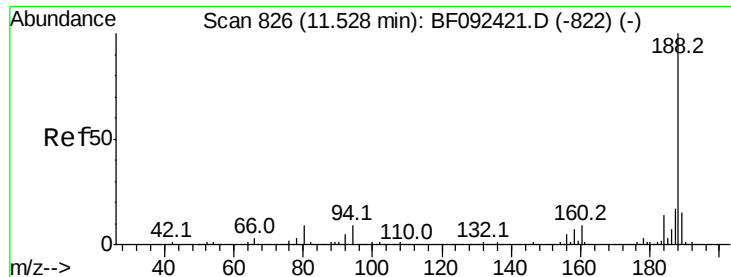


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

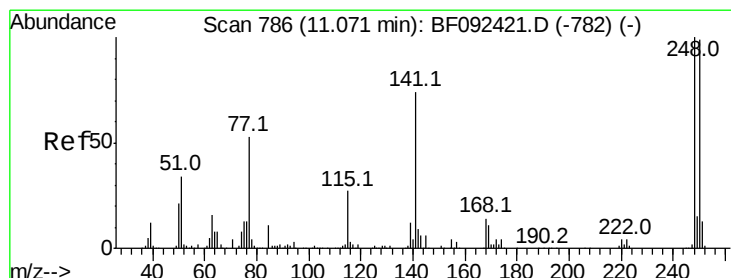
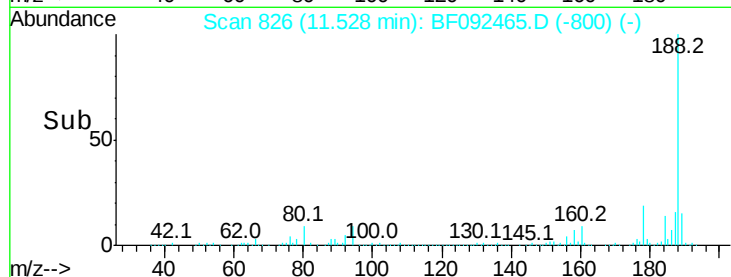
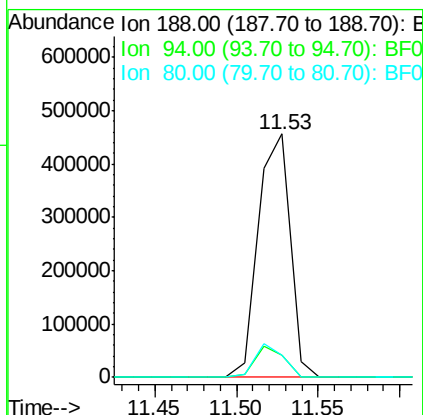
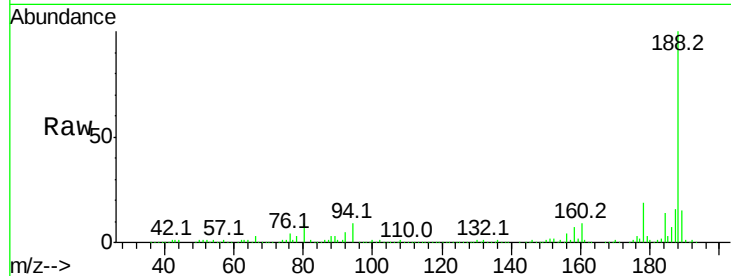




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

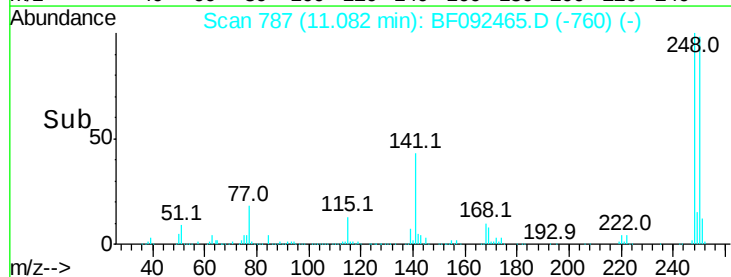
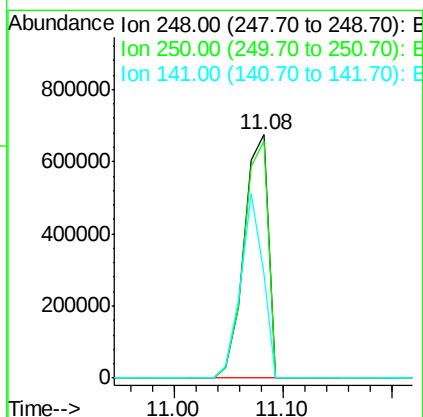
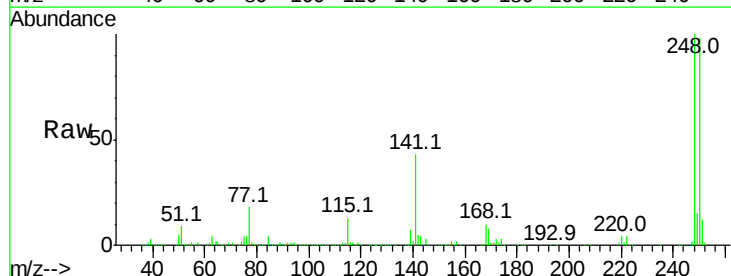
Instrument :
 BNA_F
 ClientSampleId :
 0024

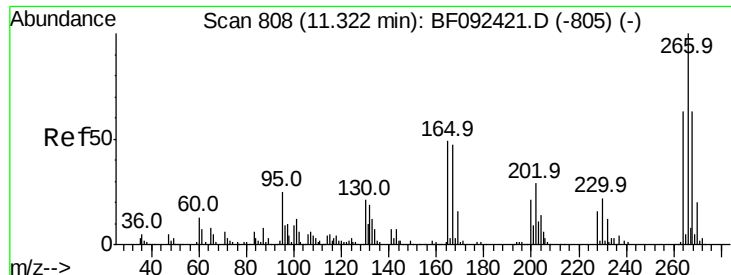
Tot Ion:188 Resp: 621827
 Ion Ratio Lower Upper
 188 100
 94 8.9 10.0 15.0#
 80 9.2 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 164.97 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.01 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Tgt Ion:248 Resp: 1035745
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.9 115.3
 141 42.6 68.2 102.4#

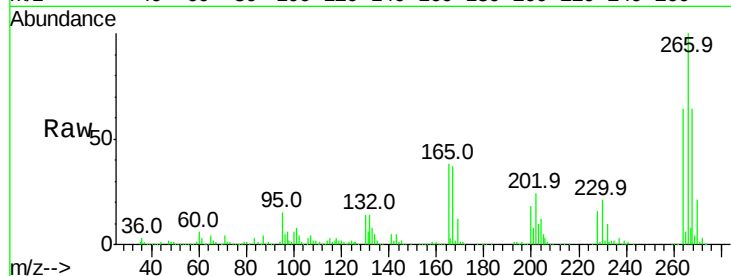




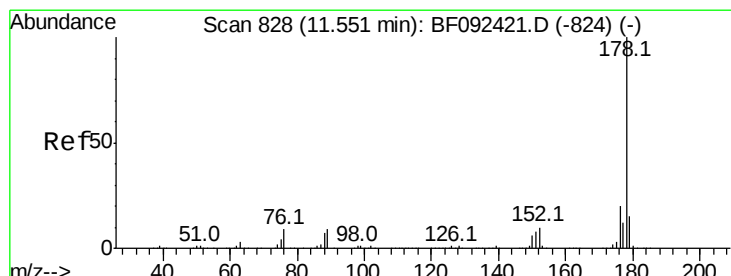
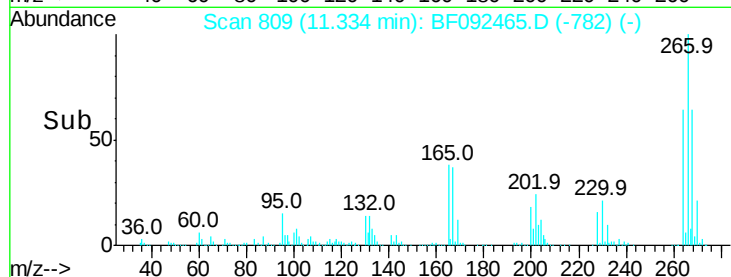
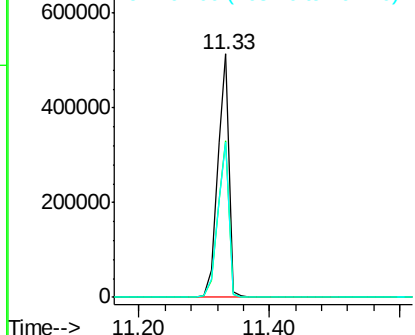
#69
 Pentachlorophenol
 Concen: 156.83 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 0024

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	53.3	79.9
264	63.6	50.3	75.5

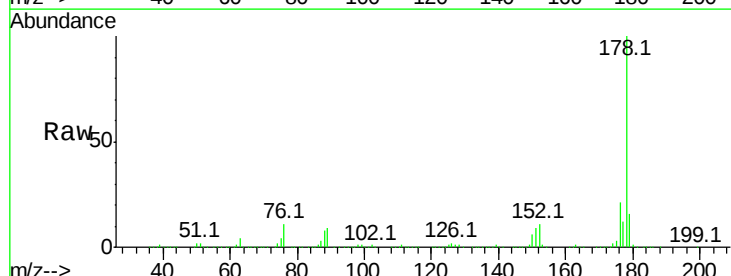


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

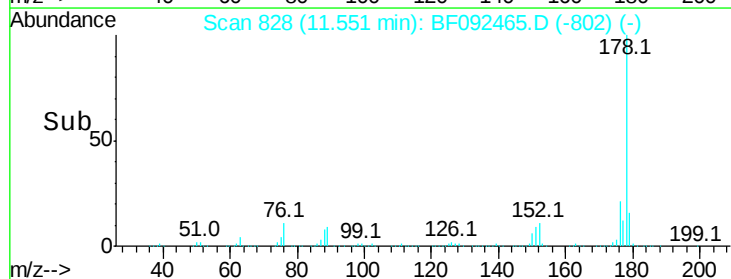
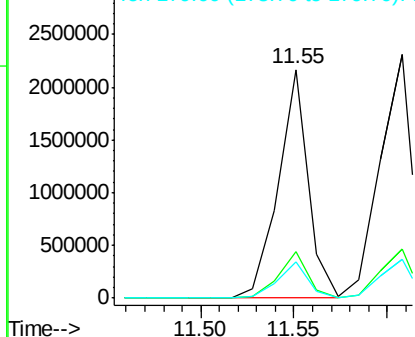


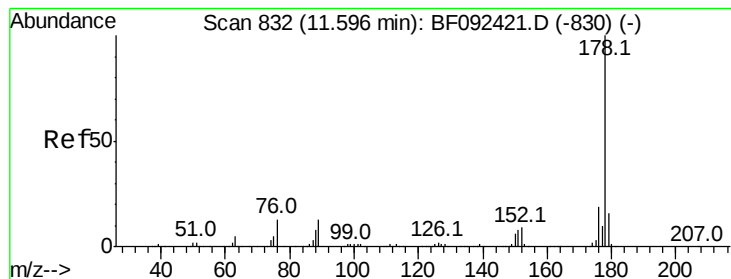
#70
 Phenanthrene
 Concen: 70.76 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	25.0
179	16.1	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 78.81 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

Instrument :

BNA_F

ClientSampleId :

0024

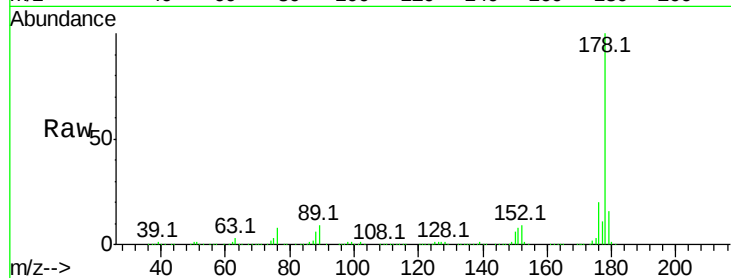
Tot Ion:178 Resp: 2637346

Ion Ratio Lower Upper

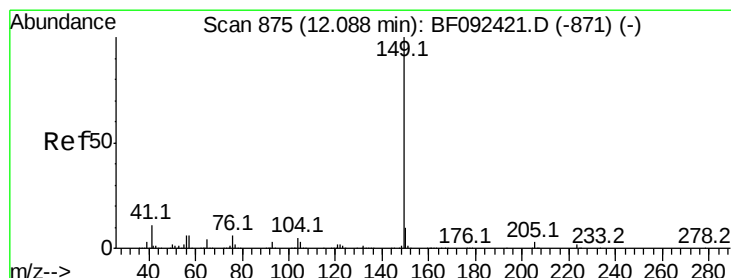
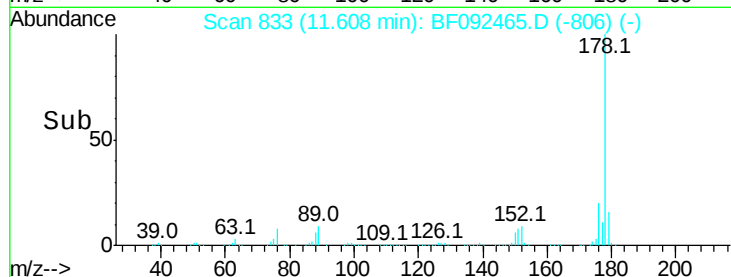
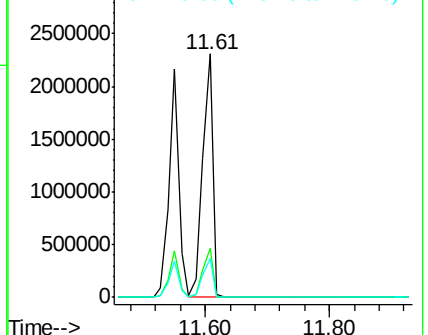
178 100

176 20.0 15.9 23.9

179 16.0 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: 127.51 ng

RT: 12.10 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

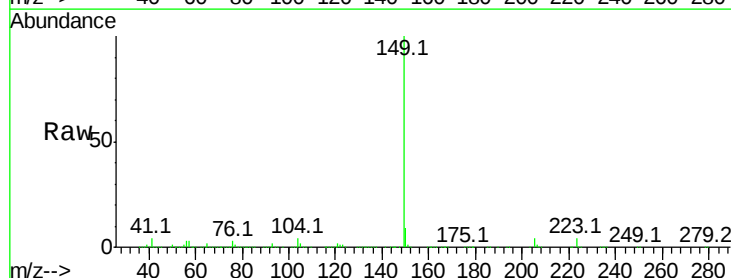
Tgt Ion:149 Resp: 4659040

Ion Ratio Lower Upper

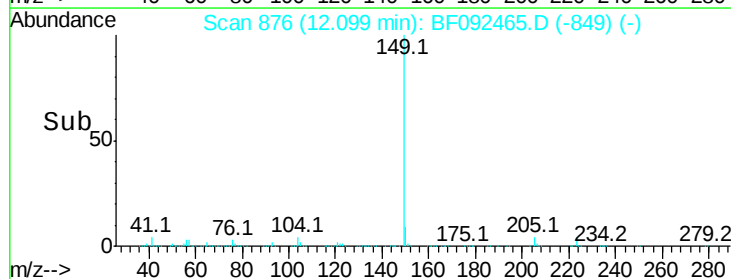
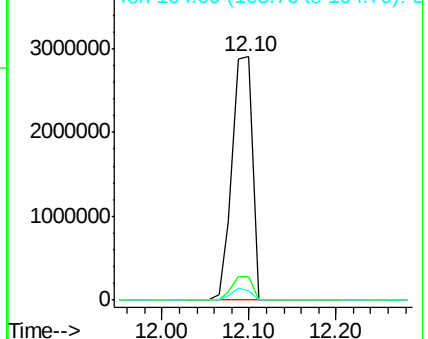
149 100

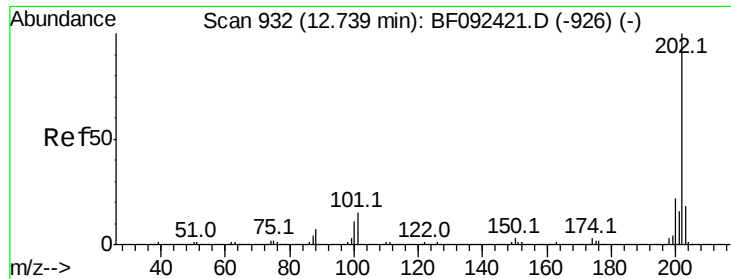
150 9.5 8.1 12.1

104 3.8 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

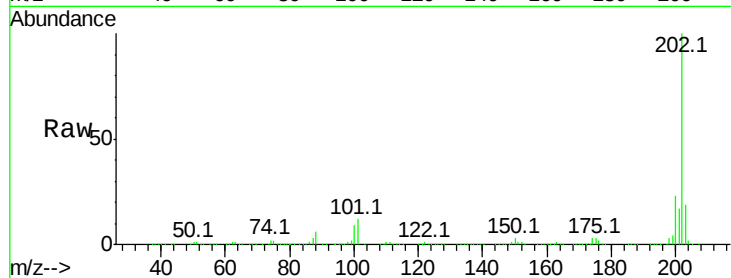




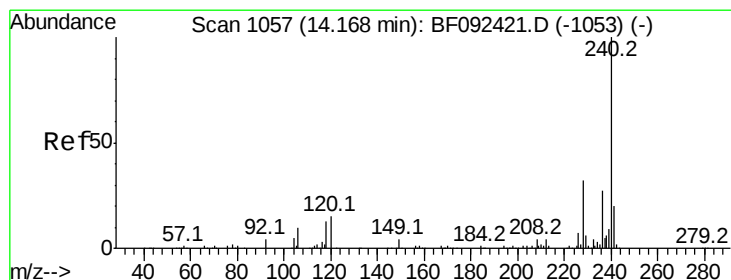
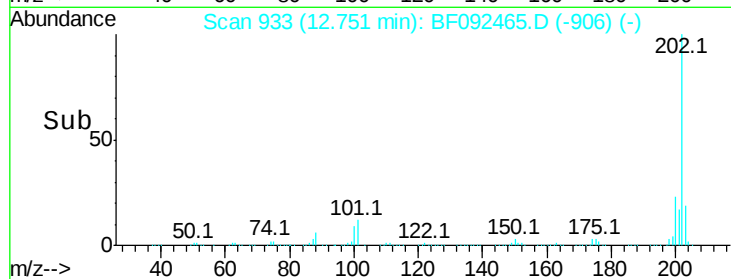
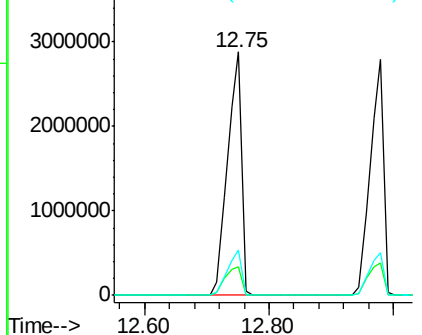
#74
 Fluoranthene
 Concen: 134.21 ng
 RT: 12.75 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 0024

Tot Ion:202 Resp: 4495349
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 34.6
 203 18.7 0.0 38.7

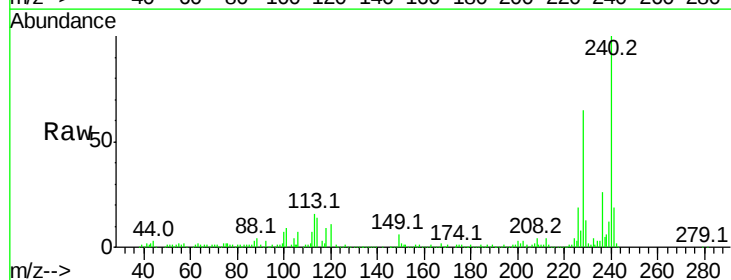


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

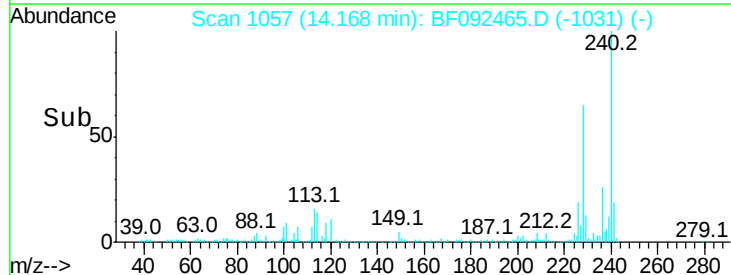
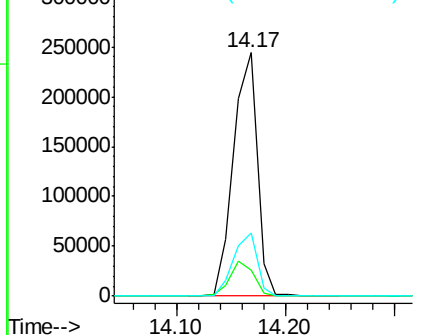


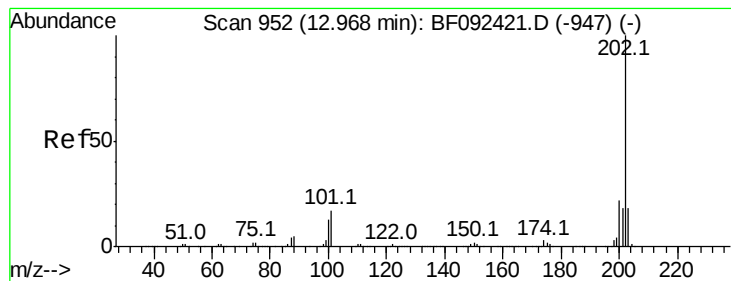
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Tgt Ion:240 Resp: 369133
 Ion Ratio Lower Upper
 240 100
 120 10.6 12.9 19.3#
 236 25.7 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: 154.87 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

Instrument :

BNA_F

ClientSampleId :

0024

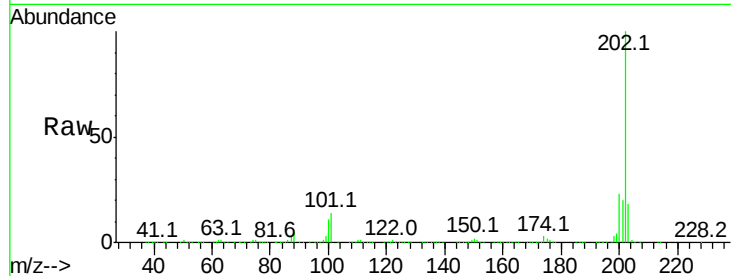
Tot Ion:202 Resp: 4141997

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.7	26.5
203	18.1	14.7	22.1

202 100

200 23.2 17.7 26.5

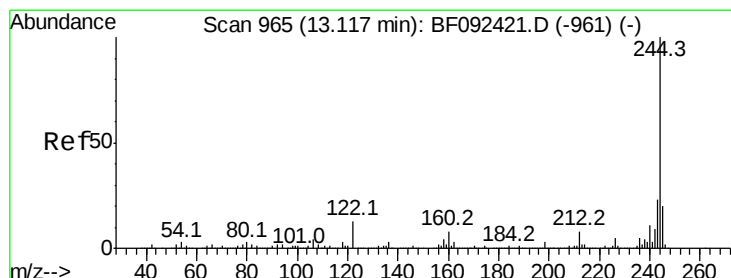
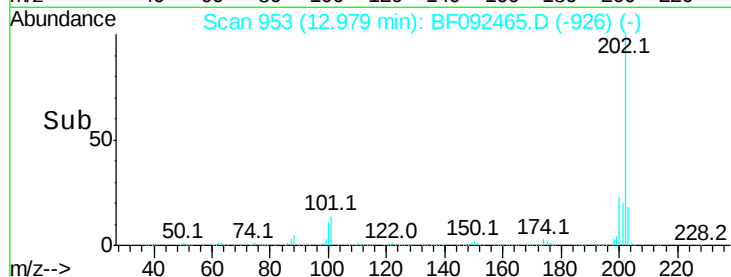
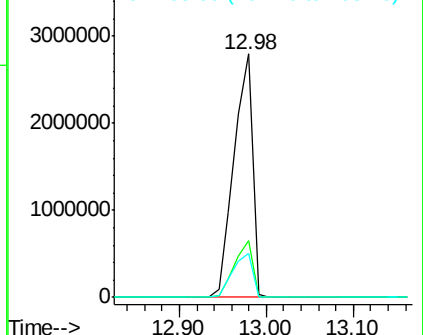
203 18.1 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.31 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

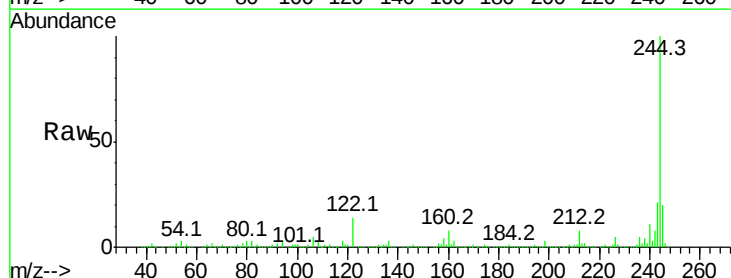
Tgt Ion:244 Resp: 1390461

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.6	11.4	17.2

244 100

212 7.7 6.2 9.2

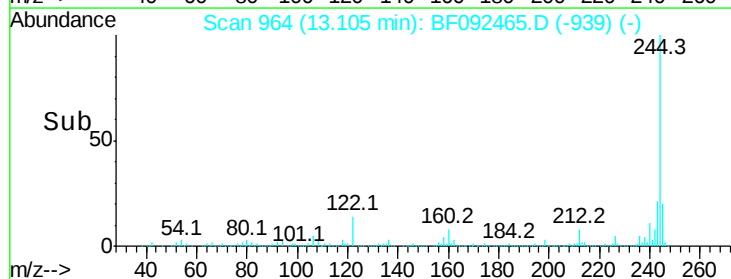
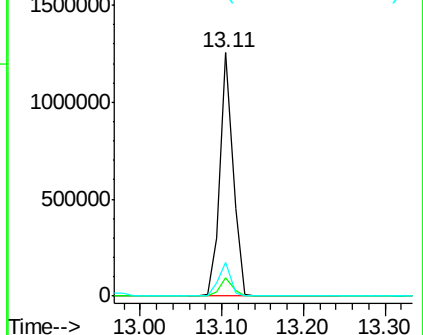
122 13.6 11.4 17.2

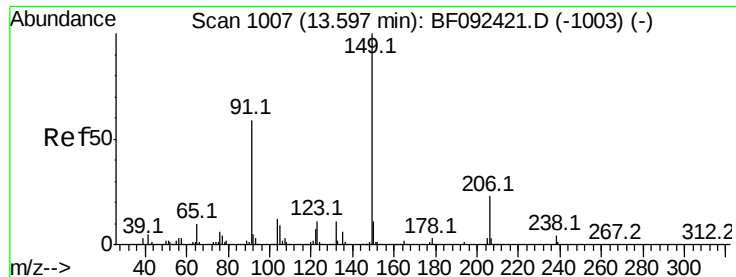


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 113.52 ng

RT: 13.59 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

Instrument :

BNA_F

ClientSampleId :

0024

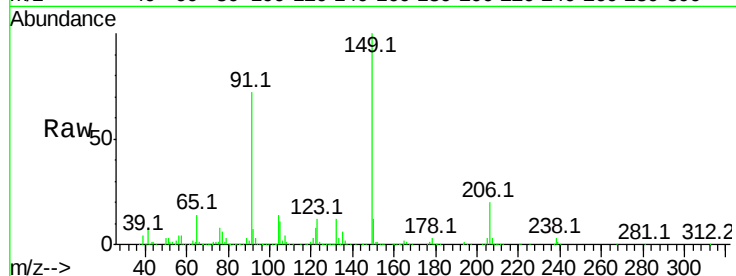
Tot Ion:149 Resp: 1229993

Ion Ratio Lower Upper

149 100

91 72.0 63.9 95.9

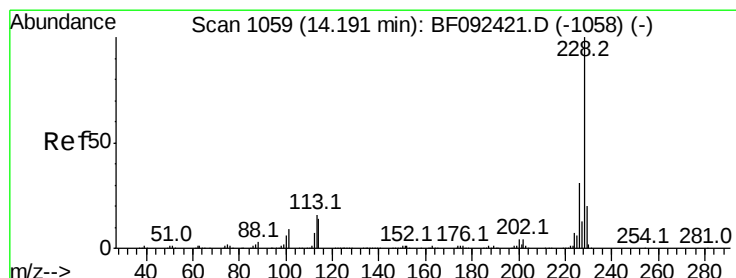
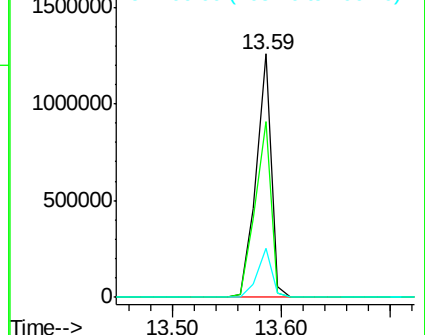
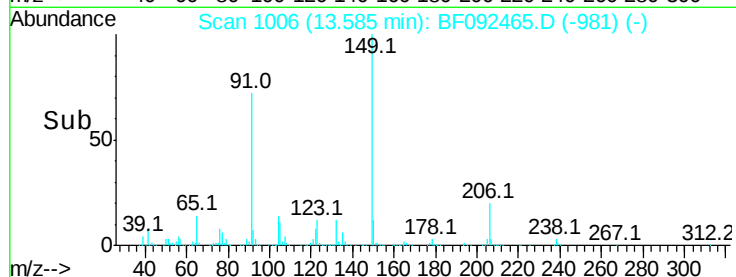
206 20.1 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#82

Chrysene

Concen: 145.40 ng

RT: 14.19 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

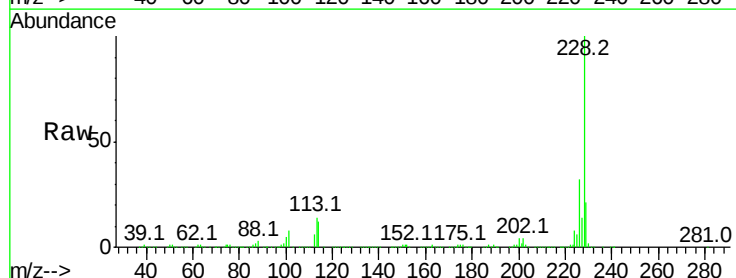
Tgt Ion:228 Resp: 3080481

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

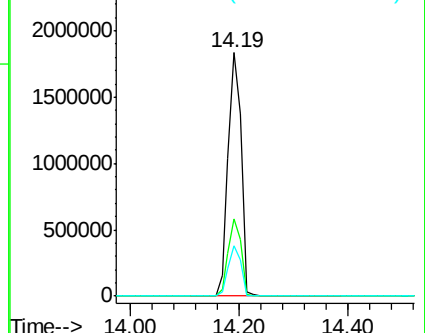
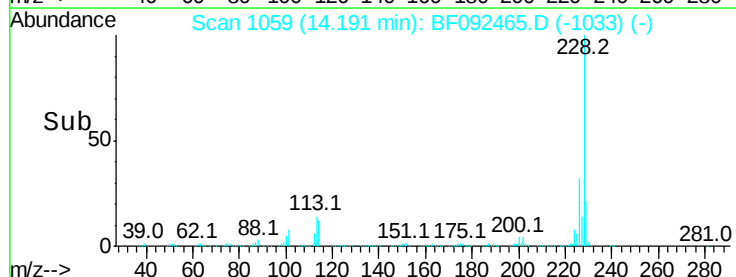
229 20.6 16.2 24.2

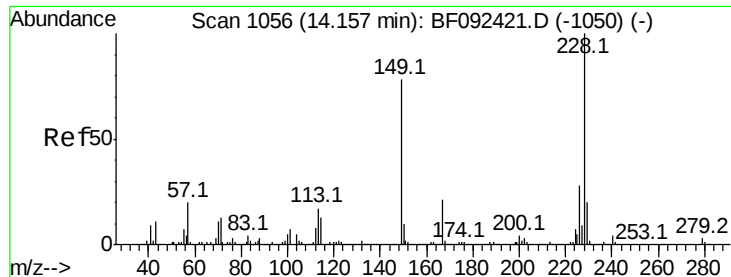


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

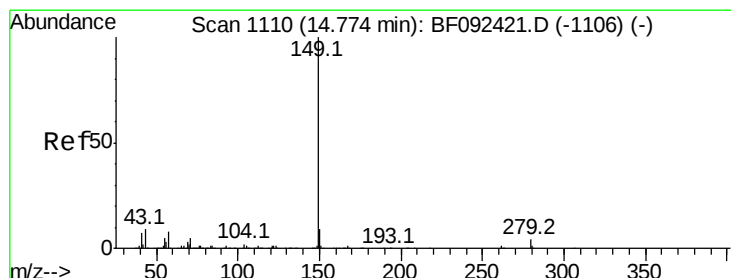
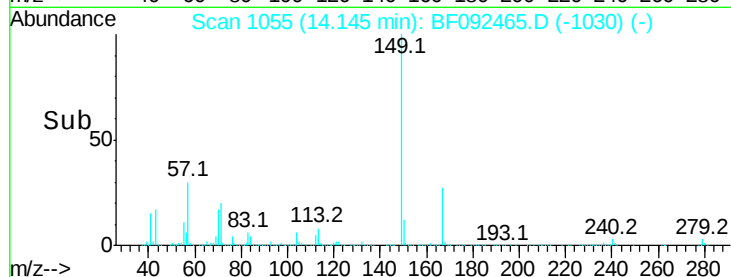
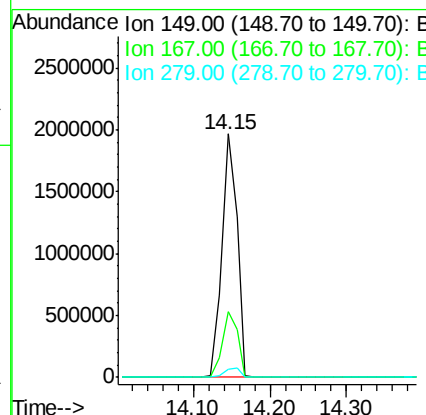
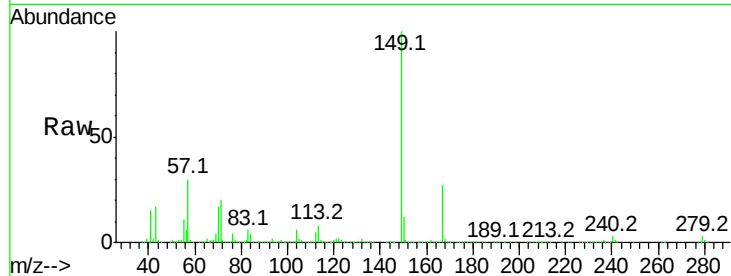




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 200.10 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

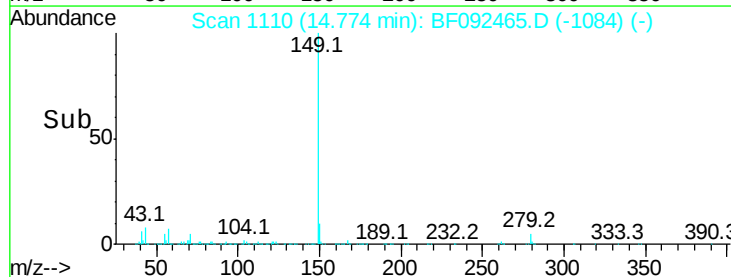
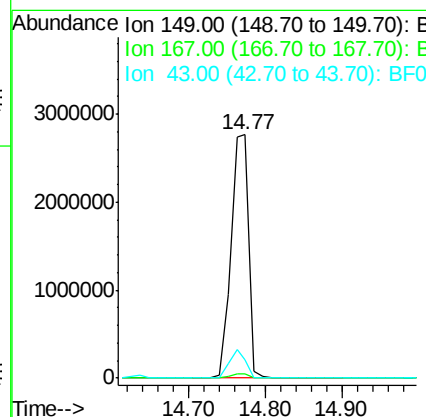
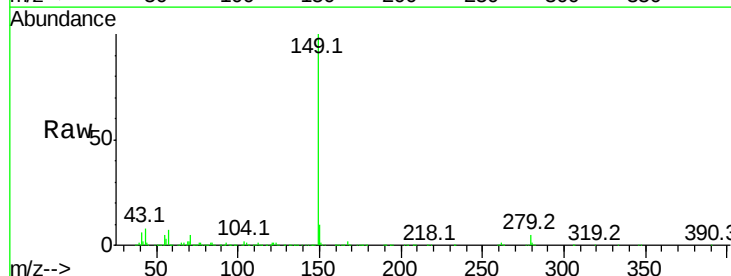
Instrument :
 BNA_F
 ClientSampleId :
 0024

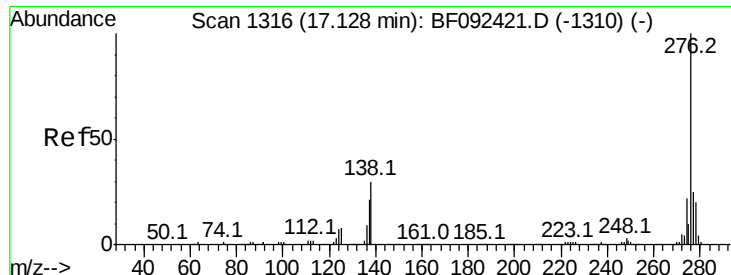
Tot Ion:149 Resp: 2730565
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.2 30.4
 279 3.2 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 182.80 ng
 RT: 14.77 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF092465.D
 Acq: 25 Jan 2017 9:57

Tgt Ion:149 Resp: 4528439
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.9 8.9 13.3

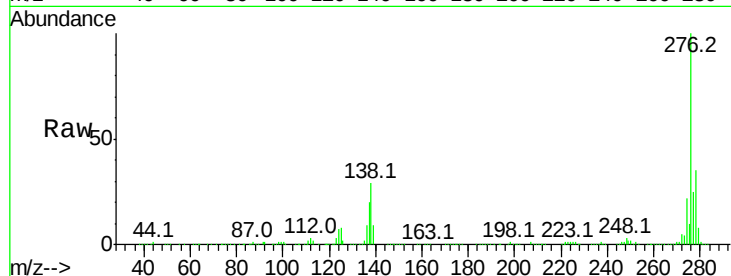




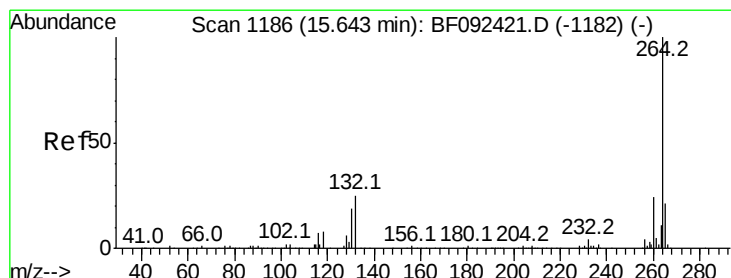
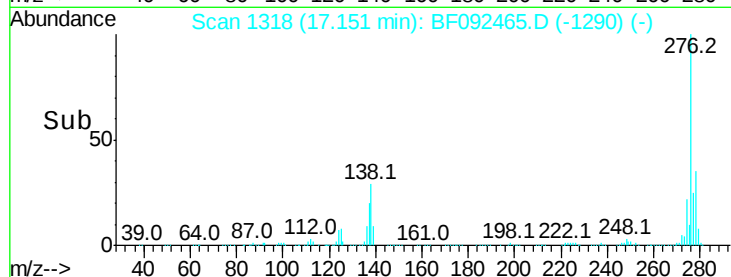
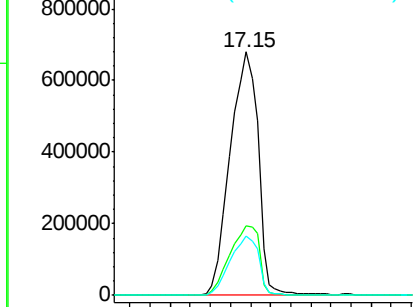
#85
Indeno(1,2,3-cd)pyrene
Concen: 169.27 ng
RT: 17.15 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF092465.D
Acq: 25 Jan 2017 9:57

Instrument :
BNA_F
ClientSampleId :
0024

Tot Ion:276 Resp: 2653344
Ion Ratio Lower Upper
276 100
138 30.2 21.8 32.6
277 24.8 20.2 30.4

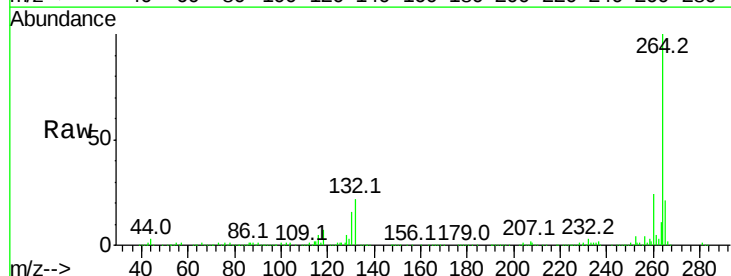


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

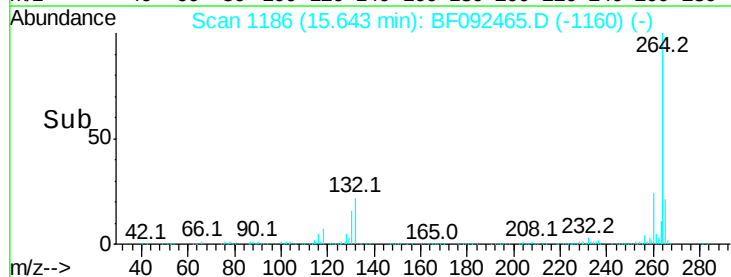
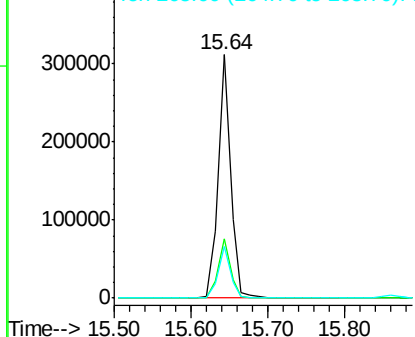


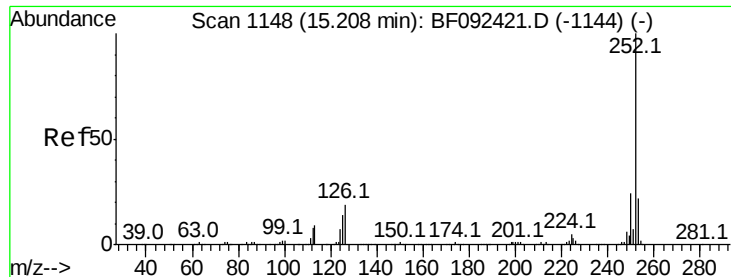
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF092465.D
Acq: 25 Jan 2017 9:57

Tgt Ion:264 Resp: 355288
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.4 17.4 26.0



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

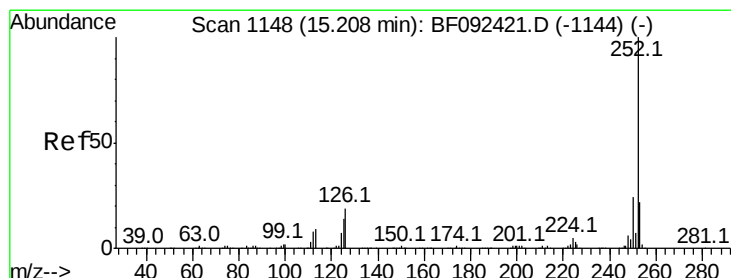
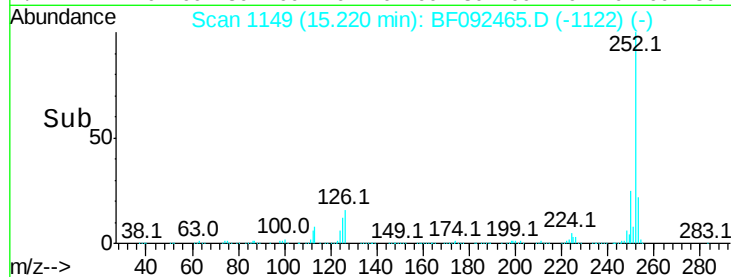
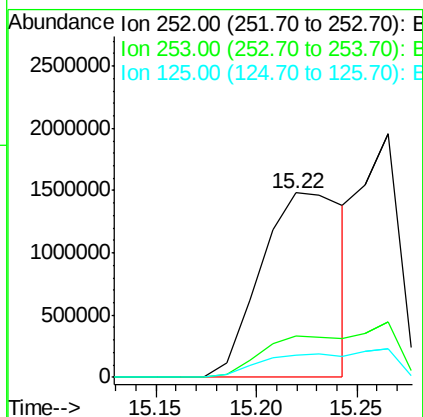
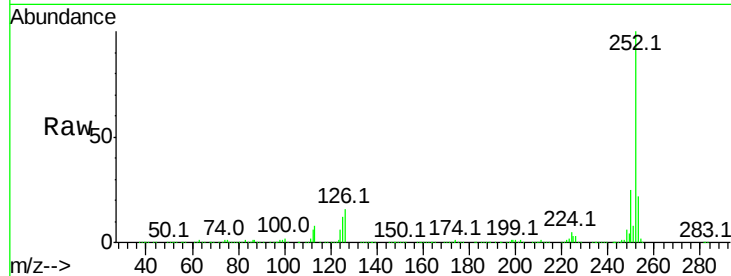




#87
Benzo(b)fluoranthene
Concen: 187.83 ng m
RT: 15.22 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF092465.D
Acq: 25 Jan 2017 9:57

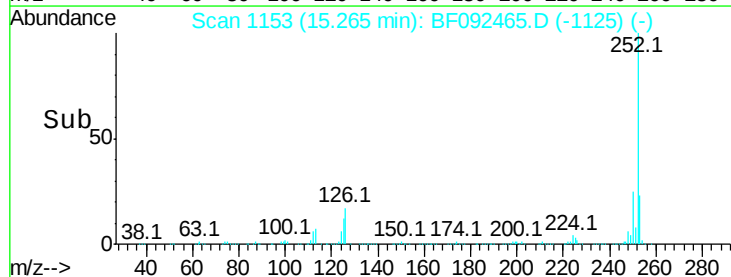
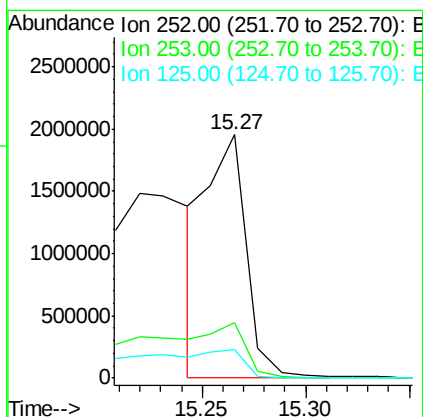
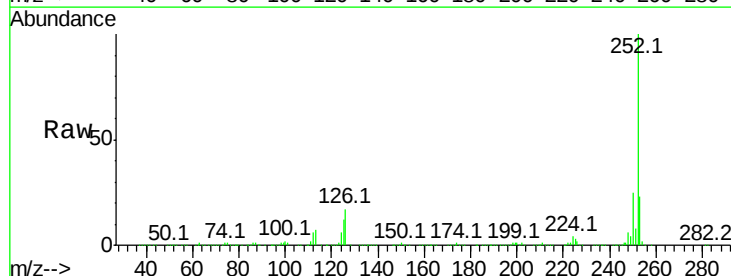
Instrument :
BNA_F
ClientSampleId :
0024

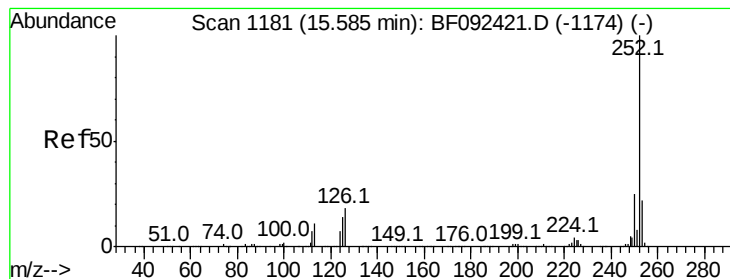
Tot Ion:252 Resp: 4284225
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 12.3 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 138.60 ng m
RT: 15.27 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF092465.D
Acq: 25 Jan 2017 9:57

Tgt Ion:252 Resp: 2628758
Ion Ratio Lower Upper
252 100
253 22.6 18.5 27.7
125 11.9 8.9 13.3





#89

Benzo(a)pyrene

Concen: 123.84 ng

RT: 15.60 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

Instrument :

BNA_F

ClientSampleId :

0024

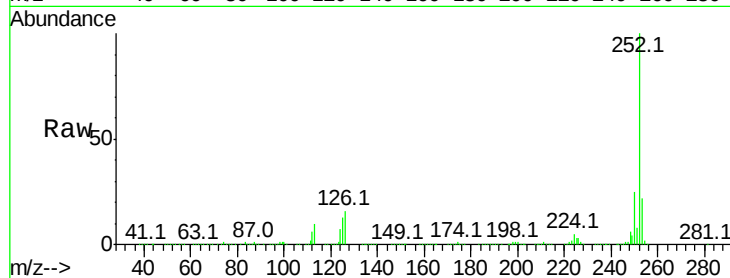
Tot Ion:252 Resp: 2389429

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

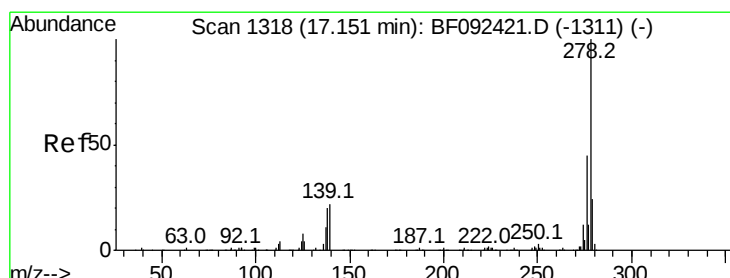
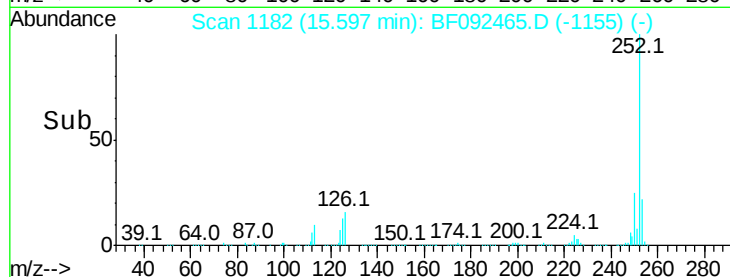
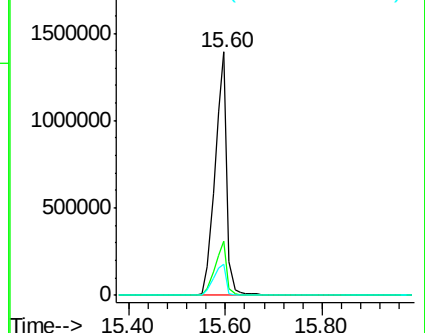
125 12.7 10.0 15.0



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: 91.04 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF092465.D

Acq: 25 Jan 2017 9:57

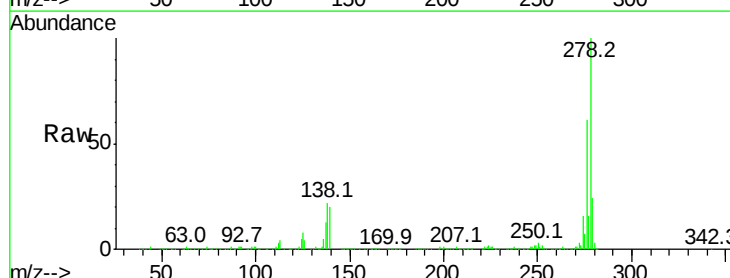
Tgt Ion:278 Resp: 1420422

Ion Ratio Lower Upper

278 100

139 20.5 14.8 22.2

279 23.9 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

