

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112092.D
 Acq On : 17 Jan 2019 16:32
 Operator : JU/SJ
 Sample : K1156-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

Quant Time: Jan 18 00:08:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	297317	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1099823	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	476426	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	776949	20.00	ng	0.00
76) Chrysene-d12	14.03	240	660151	20.00	ng	0.00
87) Perylene-d12	15.51	264	556088	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1492399	91.11	ng	0.00
7) Phenol-d6	6.50	99	1909987	93.19	ng	0.00
23) Nitrobenzene-d5	7.42	82	1127914	70.85	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	434932	84.62	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1943559	59.81	ng	0.00
79) Terphenyl-d14	12.97	244	1620560	52.22	ng	0.00

Target Compounds

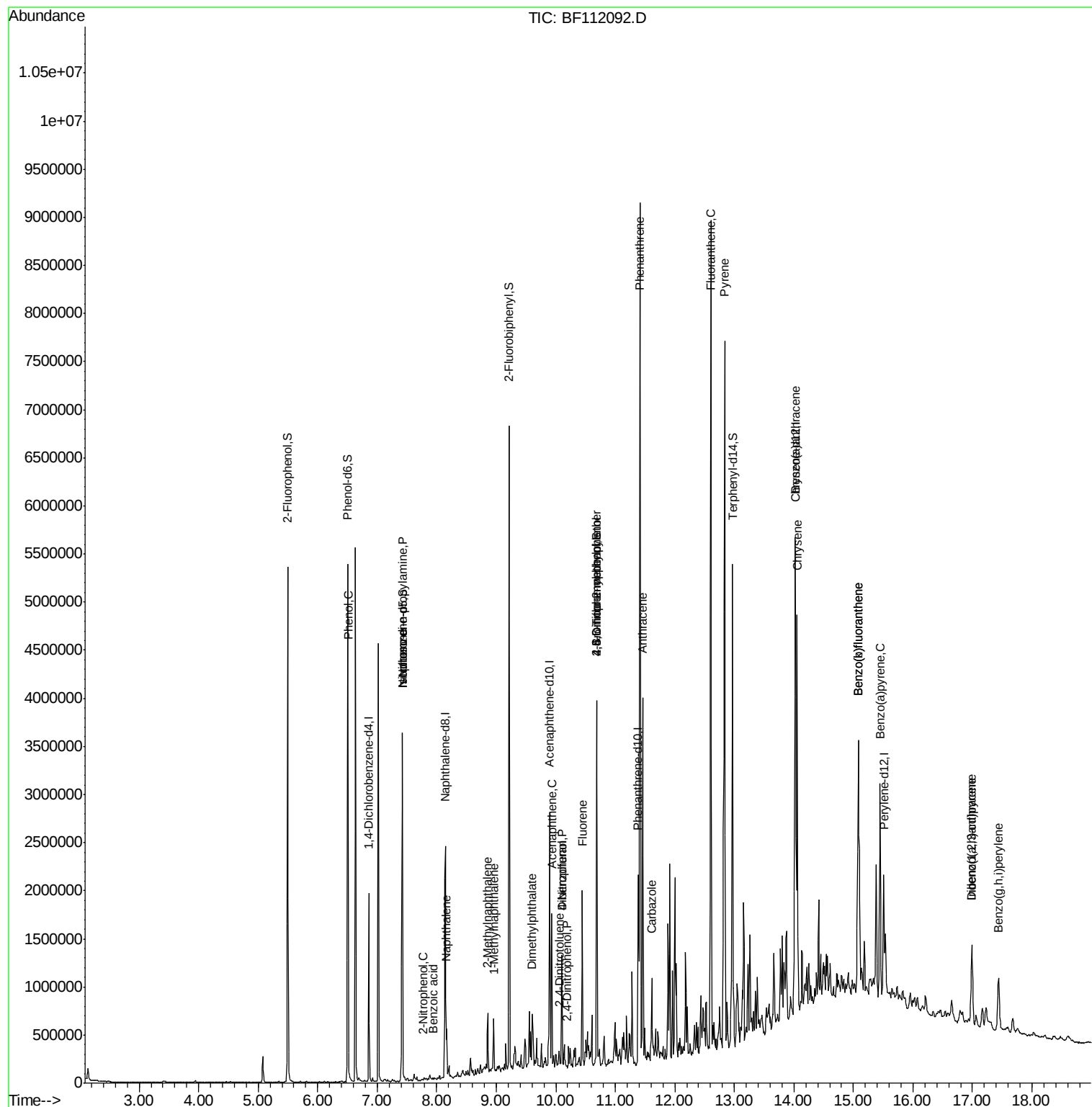
					Qvalue	
9) Benzaldehyde	6.42	77	1481	Below Cal	#	1
10) Phenol	6.52	94	113337	5.060 ng	#	74
19) n-Nitroso-di-n-propylamine	7.42	70	157917	12.648 ng	#	75
25) Isophorone	7.42	82	1123898	36.552 ng	#	64
26) 2-Nitrophenol	7.77	139	107	5.692 ng	#	1
31) Naphthalene	8.16	128	282139	5.640 ng		98
32) Benzoic acid	7.93	122	2404	7.572 ng	#	48
37) 2-Methylnaphthalene	8.86	142	160364	4.721 ng		100
38) 1-Methylnaphthalene	8.96	142	138701	4.249 ng		99
50) Dimethylphthalate	9.60	163	186633	5.372 ng		98
52) Acenaphthene	9.93	154	342083	12.287 ng		98
54) 2,4-Dinitrophenol	10.19	184	250	7.915 ng	#	52
55) Dibenzofuran	10.10	168	403379	9.580 ng		97
56) 4-Nitrophenol	10.10	139	143021	29.622 ng	#	14
57) 2,4-Dinitrotoluene	10.06	165	6097	5.201 ng	#	60
58) Fluorene	10.45	166	435762	13.852 ng		99
65) 4,6-Dinitro-2-methylphenol	10.69	198	945	10.300 ng	#	1
67) 4-Bromophenyl-phenylether	10.69	248	24452	2.709 ng	#	1
71) Phenanthrene	11.42	178	3782624	96.741 ng		96
72) Anthracene	11.46	178	1317927	33.274 ng		99
73) Carbazole	11.62	167	347308	8.753 ng		100
75) Fluoranthene	12.61	202	3829405	92.759 ng		96
78) Pyrene	12.84	202	3442846	79.048 ng		97
81) Benzo(a)anthracene	14.02	228	1931320	51.024 ng		98
83) Chrysene	14.06	228	1537079	42.916 ng		97
86) Indeno(1,2,3-cd)pyrene	16.99	276	530911	16.067 ng		93
88) Benzo(b)fluoranthene	15.08	252	2127782	67.408 ng		98
89) Benzo(k)fluoranthene	15.08	252	2127782	69.645 ng		99
90) Benzo(a)pyrene	15.44	252	1109363	38.323 ng		96
91) Dibenzo(a,h)anthracene	16.99	278	142921	5.559 ng	#	89
92) Benzo(g,h,i)perylene	17.44	276	445858	17.602 ng		98

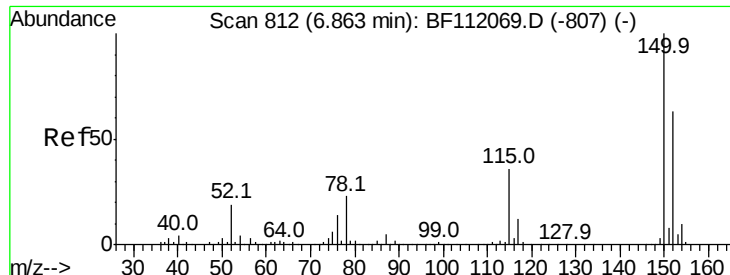
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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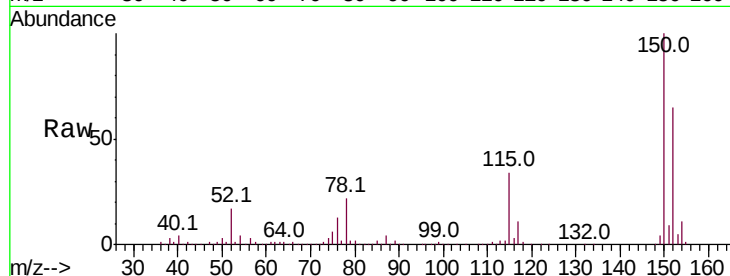


#1

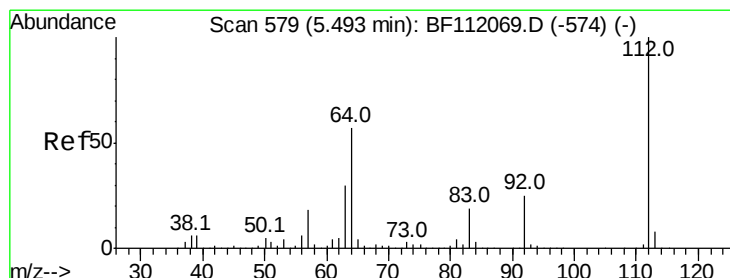
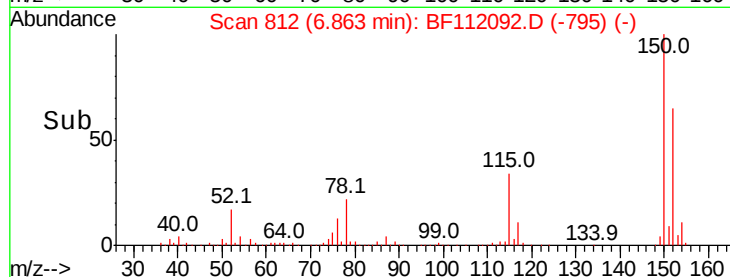
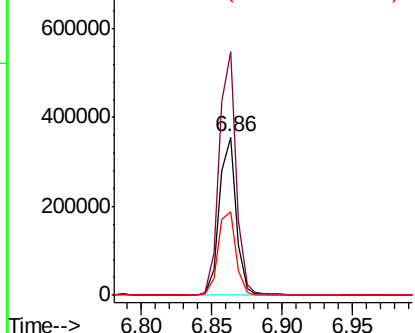
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF112092.D
 Acq: 17 Jan 2019 16:32

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

Tot Ion:152 Resp: 297317
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.4 191.0
 115 53.0 45.5 68.3



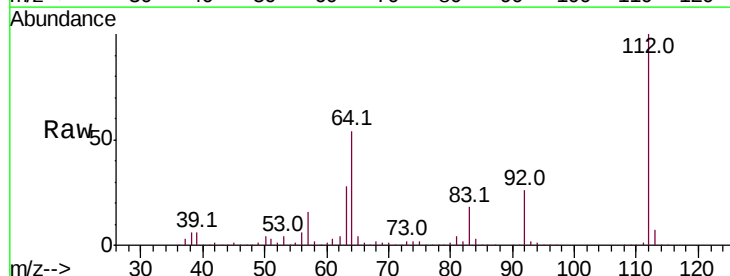
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



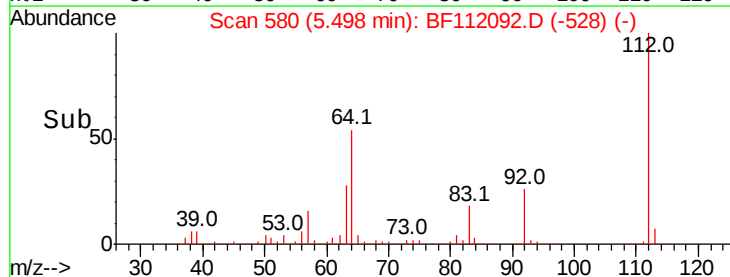
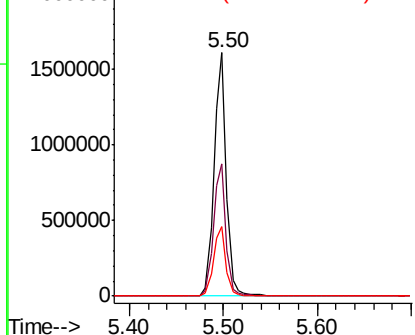
#5

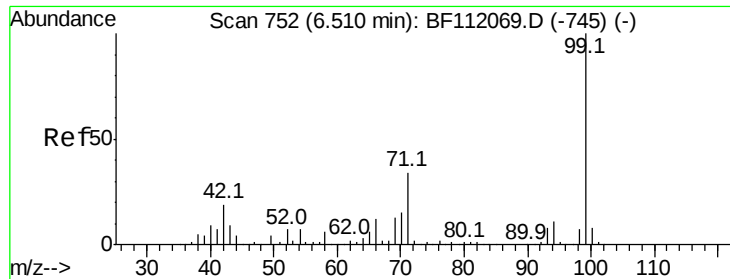
2-Fluorophenol
 Concen: 91.107 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF112092.D
 Acq: 17 Jan 2019 16:32

Tgt Ion:112 Resp: 1492399
 Ion Ratio Lower Upper
 112 100
 64 54.4 45.7 68.5
 63 28.3 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.194 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

COMP-7

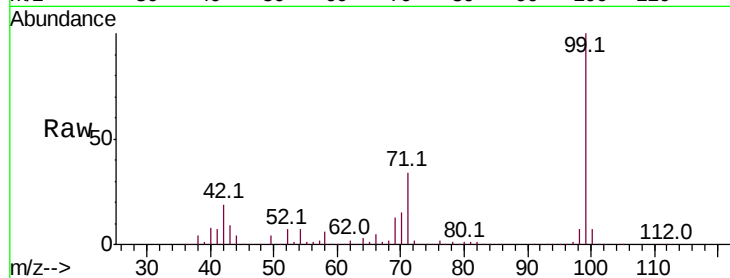
Tot Ion: 99 Resp: 1909987

Ion Ratio Lower Upper

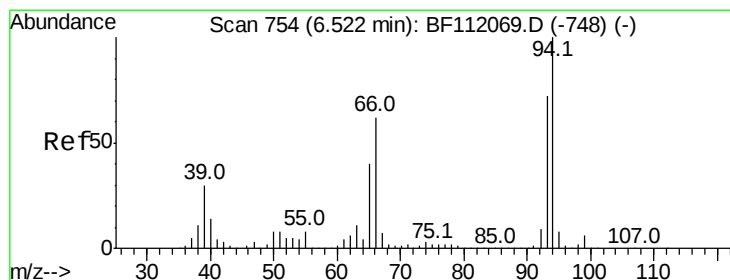
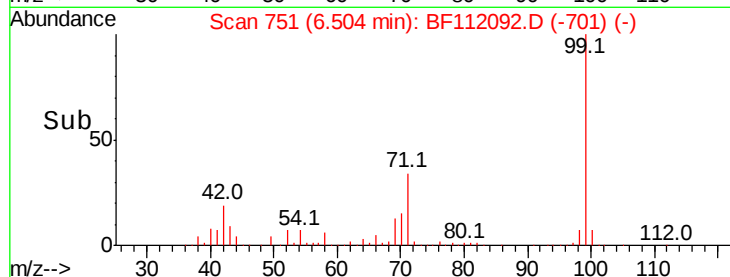
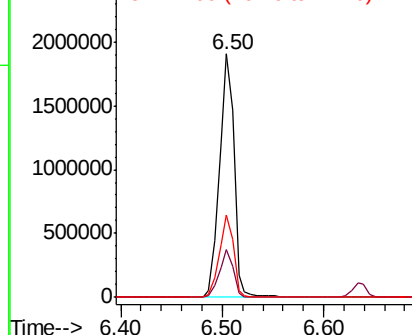
99 100

42 19.4 15.1 22.7

71 34.0 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.060 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

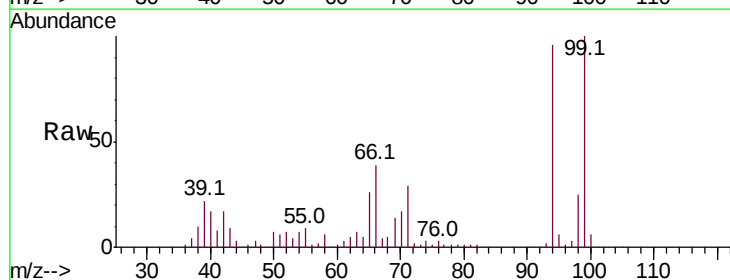
Tgt Ion: 94 Resp: 113337

Ion Ratio Lower Upper

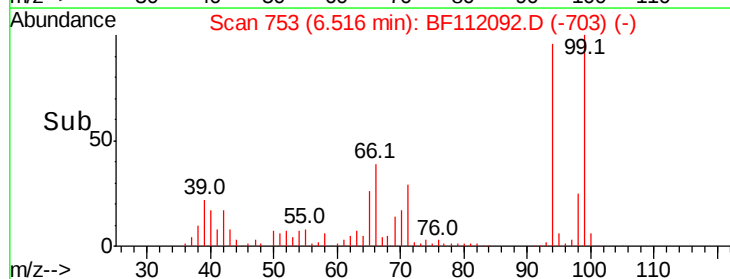
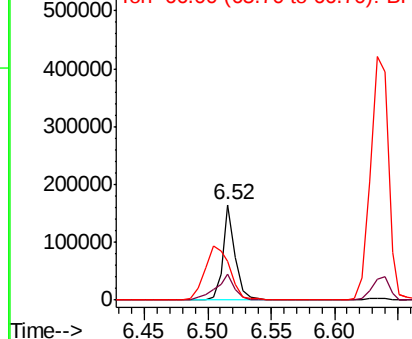
94 100

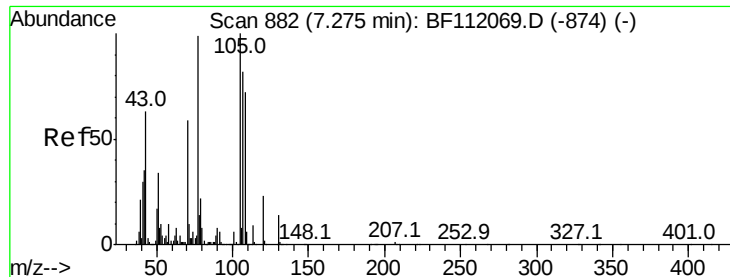
65 27.4 20.3 60.3

66 40.3 42.4 82.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

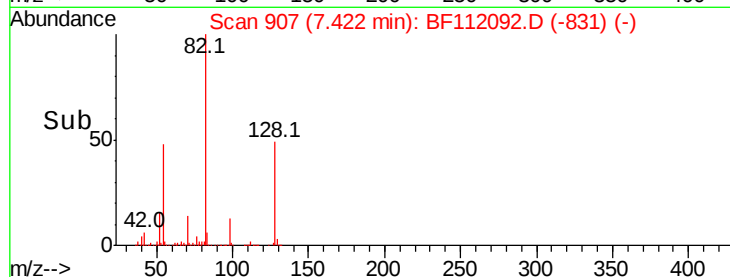
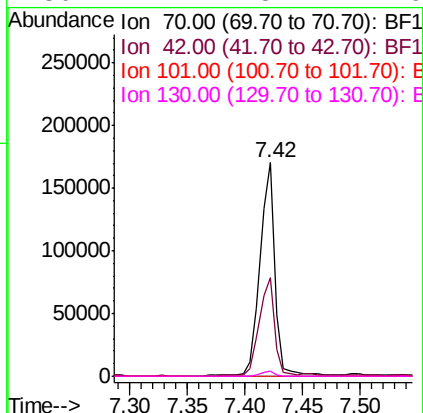
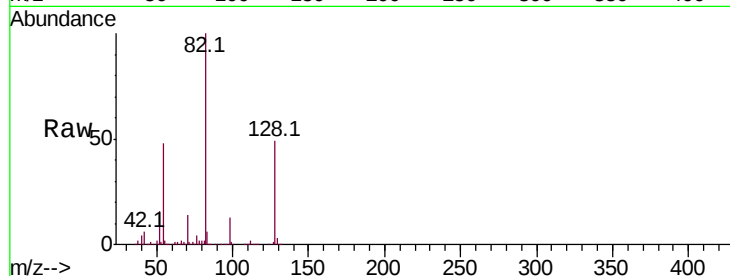




#19
n-Nitroso-di-n-propylamine
Concen: 12.648 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF112092.D
Acq: 17 Jan 2019 16:32

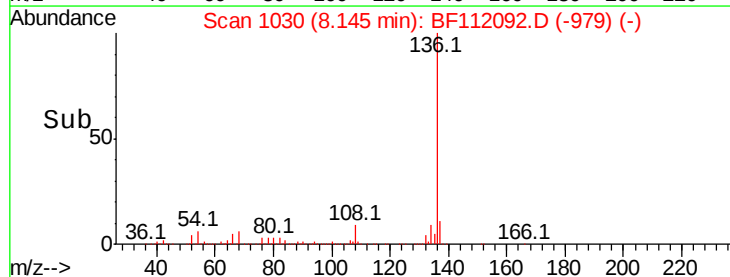
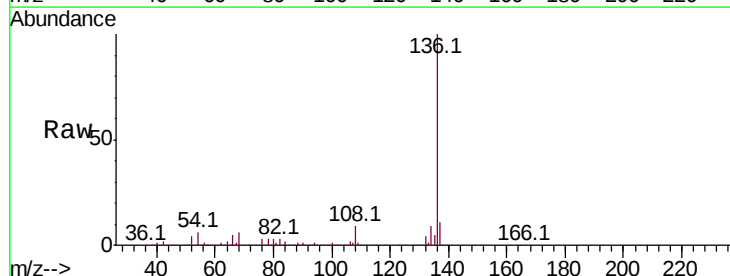
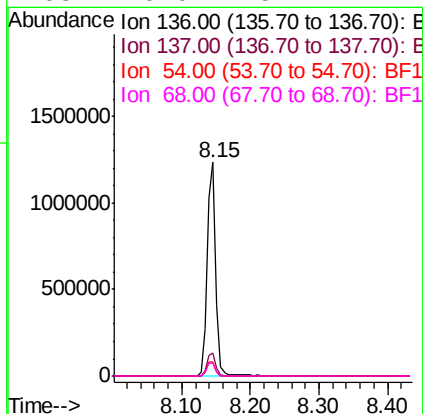
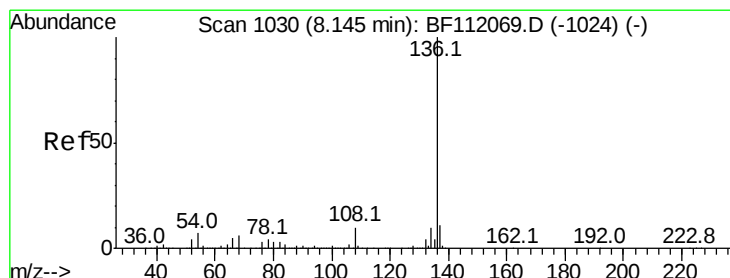
Instrument :
BNA_F
ClientSampled :
COMP-7

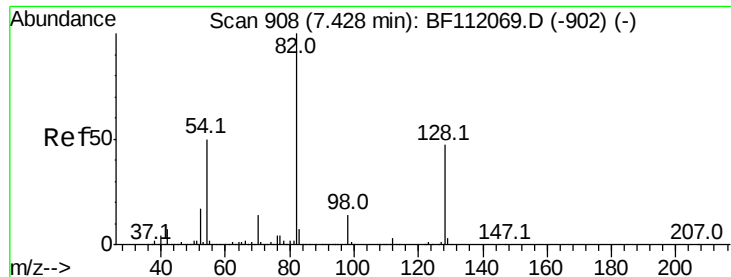
Tot Ion: 70 Resp: 157917
Ion Ratio Lower Upper
70 100
42 46.3 47.6 71.4#
101 0.0 7.9 11.9#
130 2.2 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF112092.D
Acq: 17 Jan 2019 16:32

Tgt Ion: 136 Resp: 1099823
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.4 5.9 8.9
68 6.0 5.1 7.7

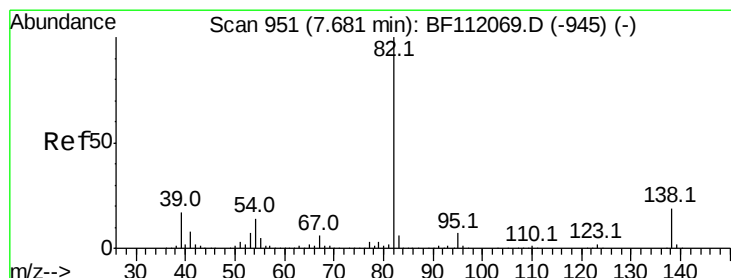
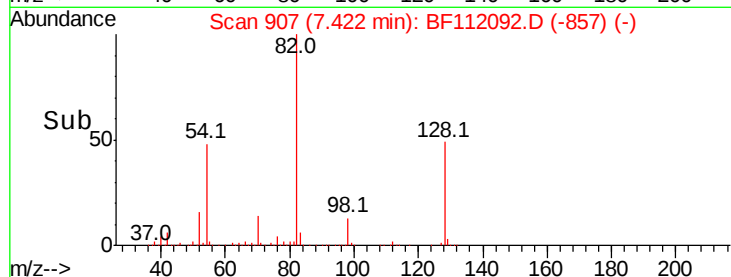
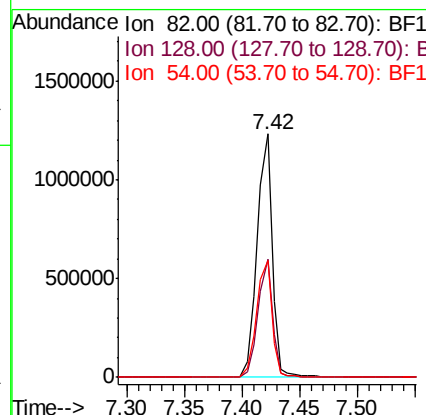
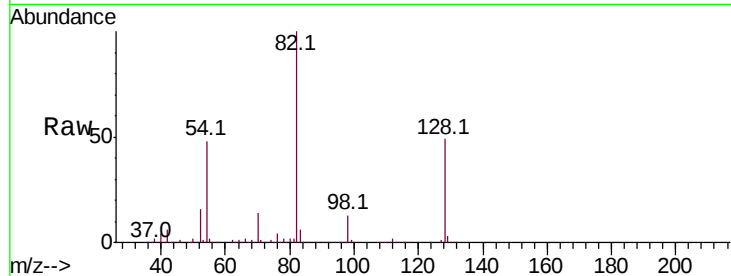




#23
 Nitrobenzene-d5
 Concen: 70.854 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112092.D
 Acq: 17 Jan 2019 16:32

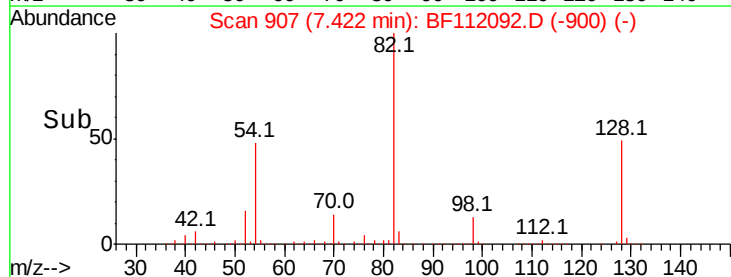
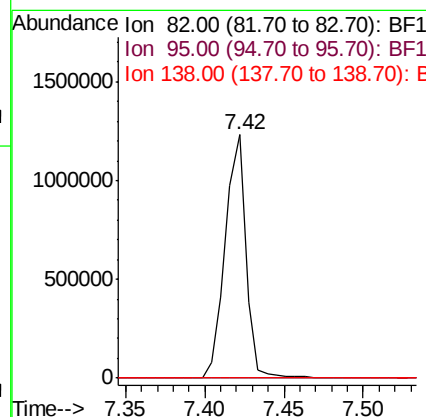
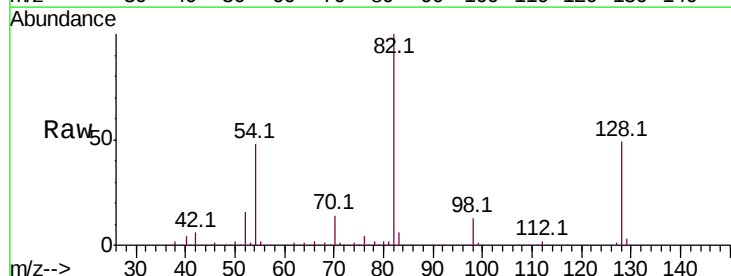
Instrument :
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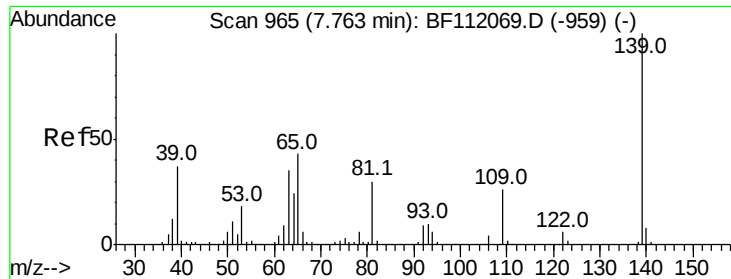
Tot Ion: 82 Resp: 1127914
 Ion Ratio Lower Upper
 82 100
 128 48.5 37.8 56.8
 54 47.9 39.7 59.5



#25
 Isophorone
 Concen: 36.552 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.26 min
 Lab File: BF112092.D
 Acq: 17 Jan 2019 16:32

Tgt Ion: 82 Resp: 1123898
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.7 8.5#
 138 0.0 15.4 23.0#

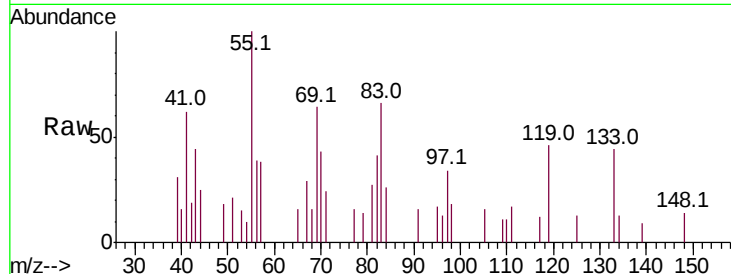




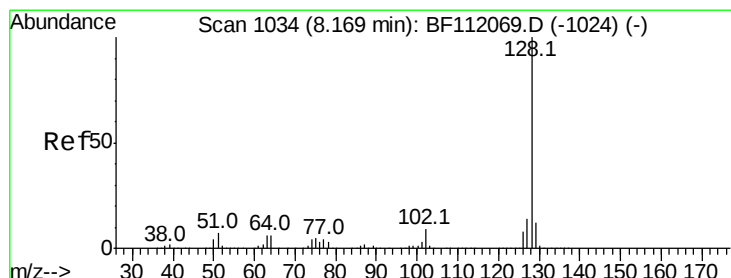
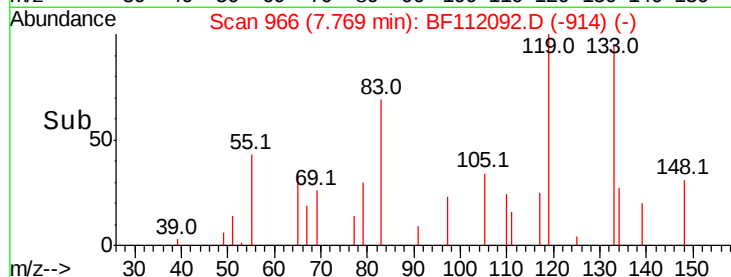
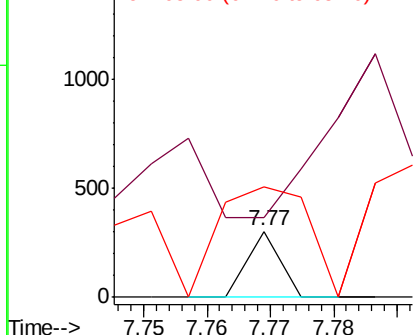
#26
2-Nitrophenol
Concen: 5.692 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF112092.D
Acq: 17 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
COMP-7

Tot Ion:139 Resp: 107
Ion Ratio Lower Upper
139 100
109 120.1 20.8 31.2#
65 167.3 34.4 51.6#

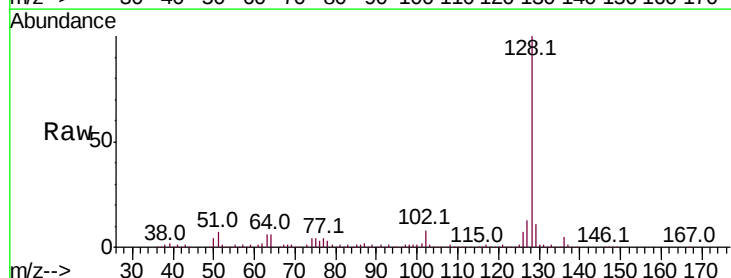


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

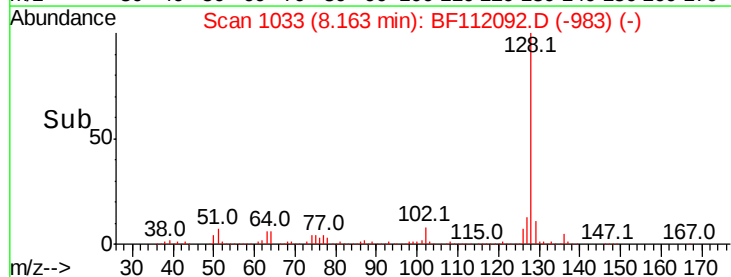
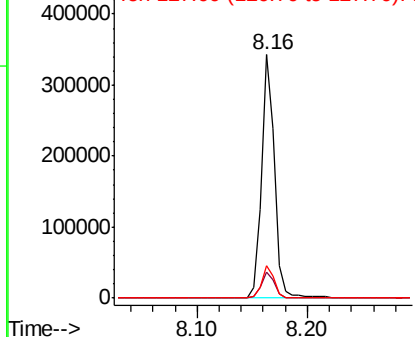


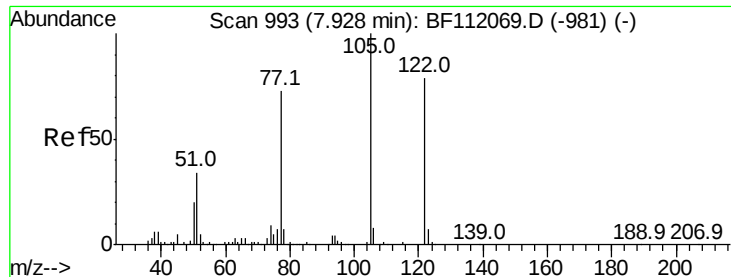
#31
Naphthalene
Concen: 5.640 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112092.D
Acq: 17 Jan 2019 16:32

Tgt Ion:128 Resp: 282139
Ion Ratio Lower Upper
128 100
129 10.9 9.6 14.4
127 13.2 11.1 16.7



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





#32

Benzoic acid

Concen: 7.572 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Instrument :

BNA_F

ClientSampled :

COMP-7

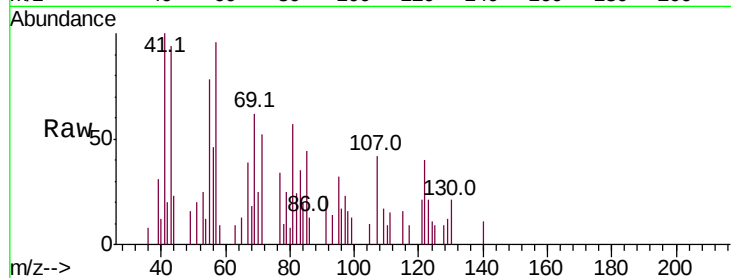
Tot Ion:122 Resp: 2404

Ion Ratio Lower Upper

122 100

105 24.7 101.2 141.2#

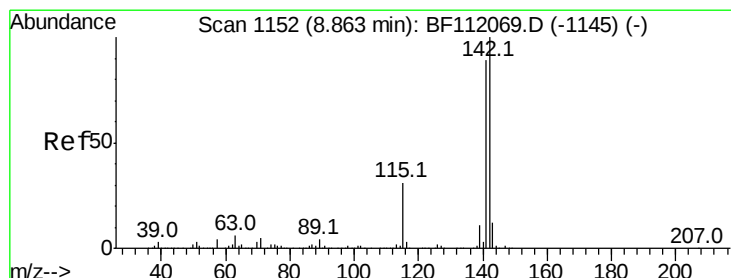
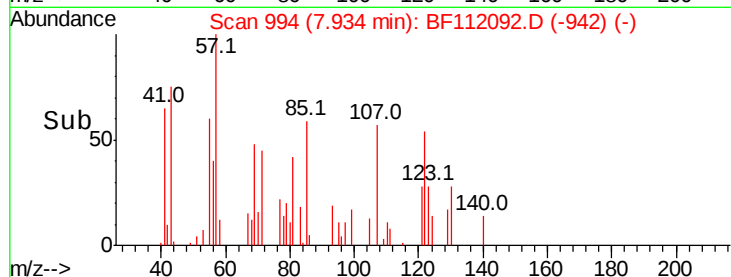
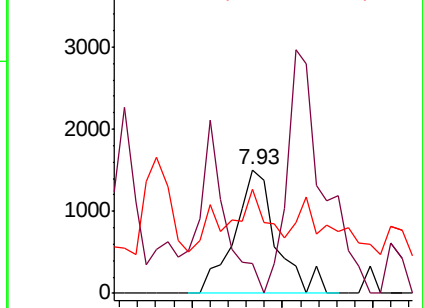
77 84.8 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#37

2-Methylnaphthalene

Concen: 4.721 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

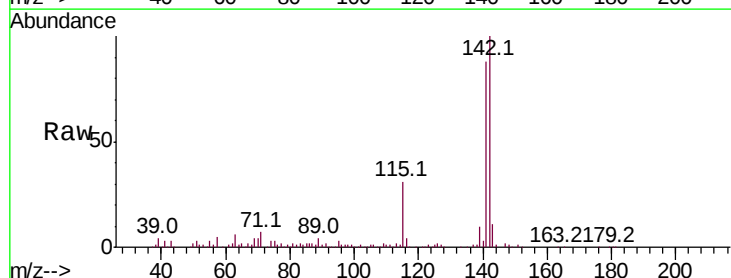
Tgt Ion:142 Resp: 160364

Ion Ratio Lower Upper

142 100

141 88.5 70.9 106.3

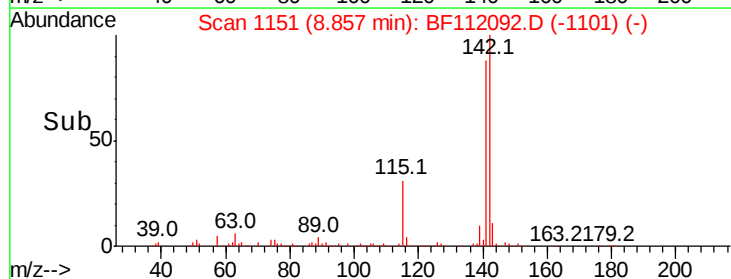
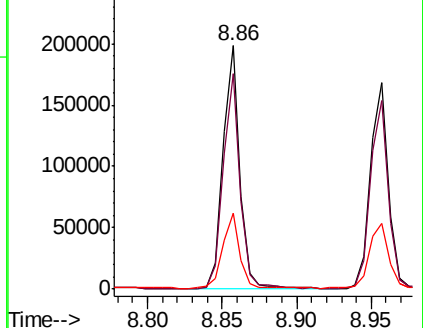
115 31.4 24.9 37.3

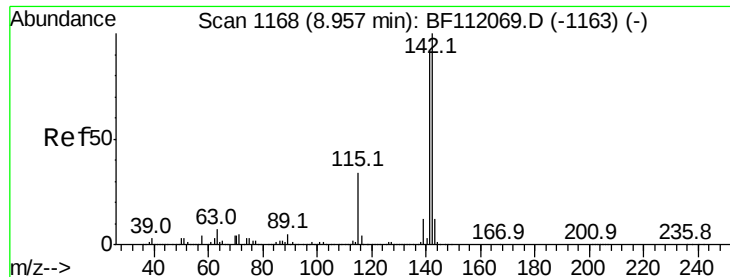


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

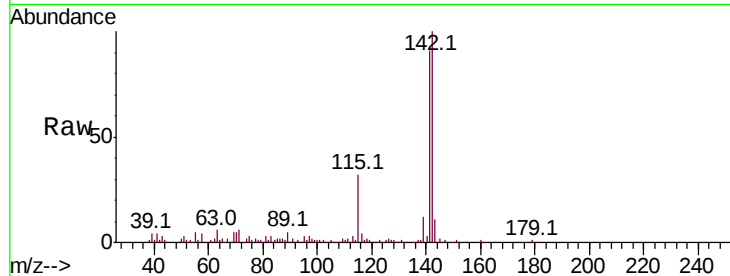




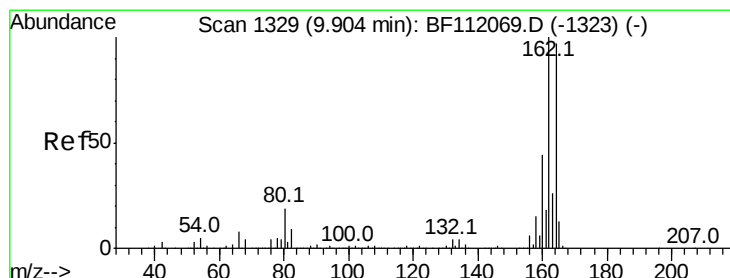
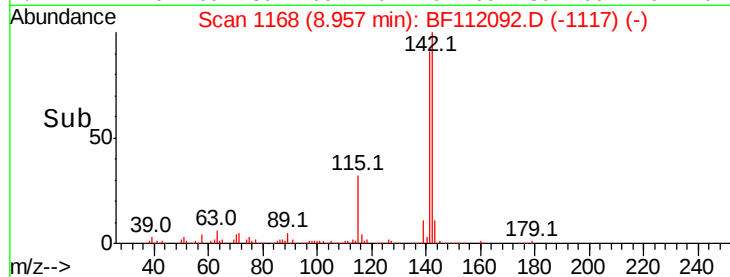
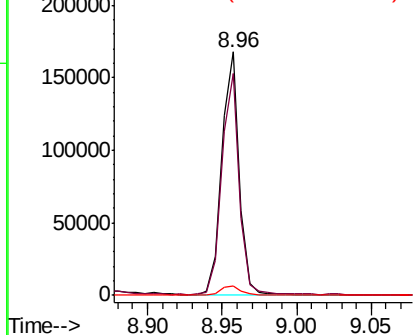
#38
1-Methylnaphthalene
Concen: 4.249 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF112092.D
Acq: 17 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
COMP-7

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.6	108.8
116	3.6	2.8	4.2

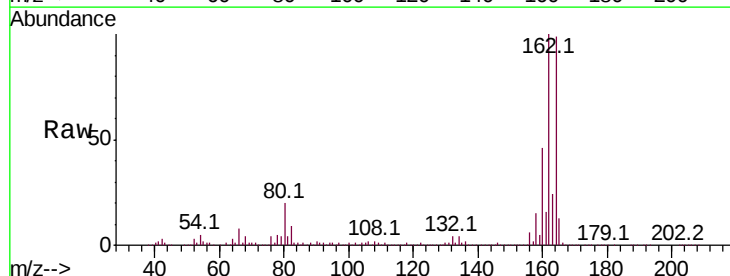


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

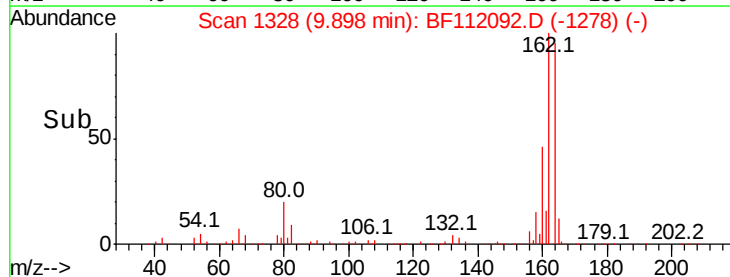
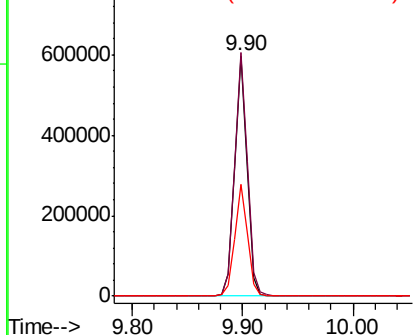


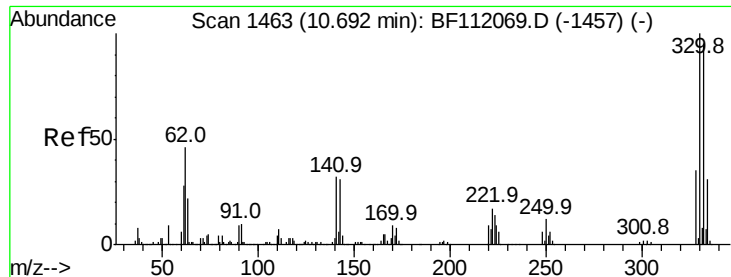
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF112092.D
Acq: 17 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.2	123.4
160	46.4	36.2	54.4



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





#42

2,4,6-Tribromophenol

Concen: 84.624 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Instrument :

BNA_F

ClientSampled :

COMP-7

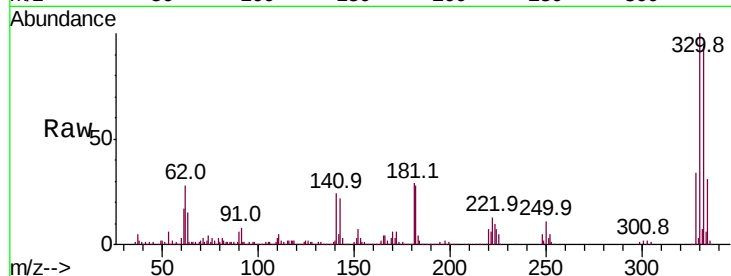
Tot Ion:330 Resp: 434932

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

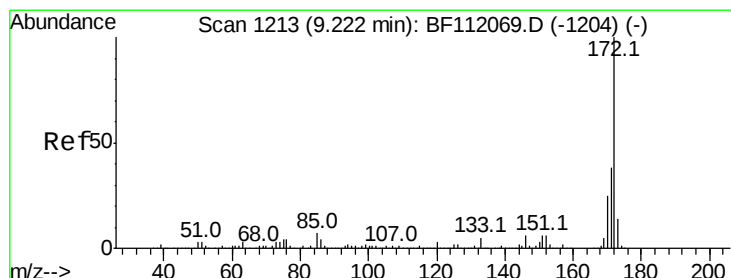
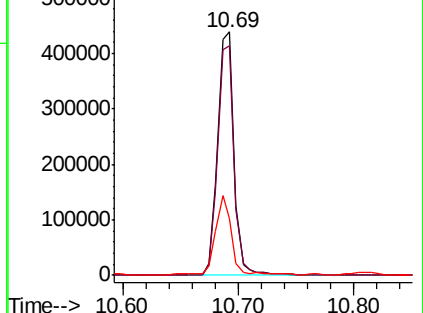
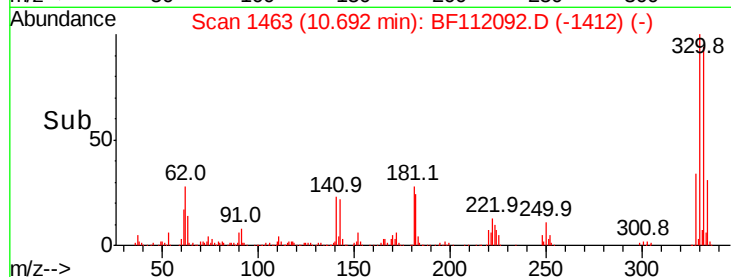
141 31.1 24.3 36.5



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



#45

2-Fluorobiphenyl

Concen: 59.809 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

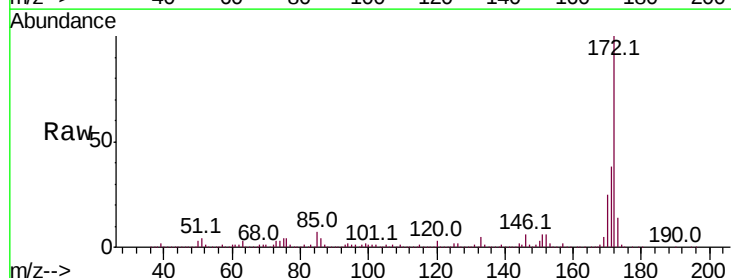
Tgt Ion:172 Resp: 1943559

Ion Ratio Lower Upper

172 100

171 37.6 30.5 45.7

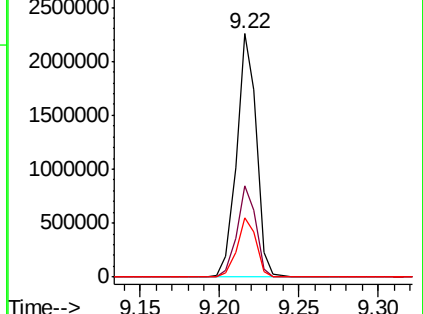
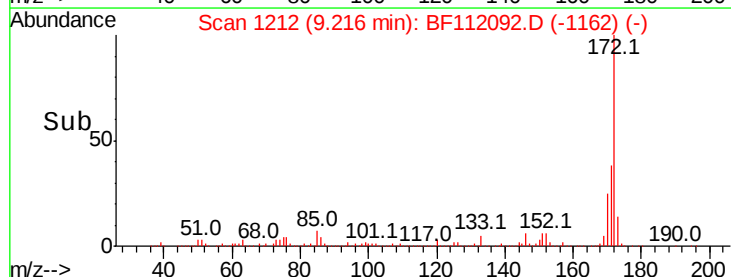
170 24.6 20.2 30.4

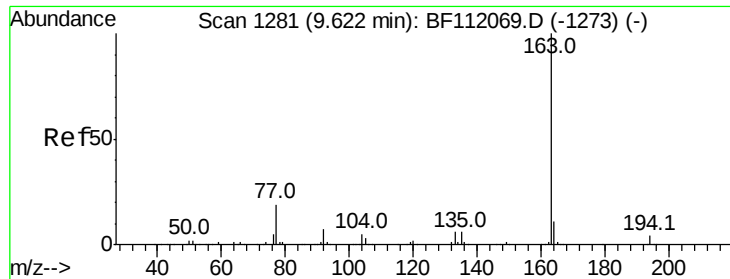


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

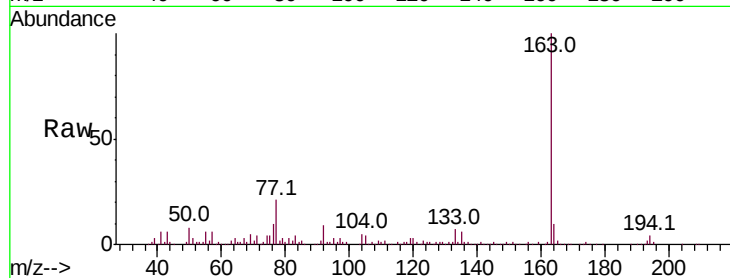




#50
Dimethylphthalate
Concen: 5.372 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112092.D
Acq: 17 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
COMP-7

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	9.9	8.5	12.7

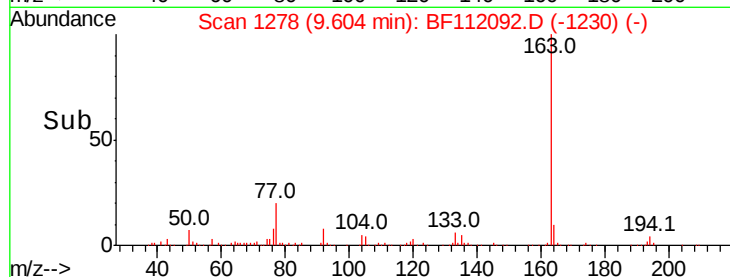
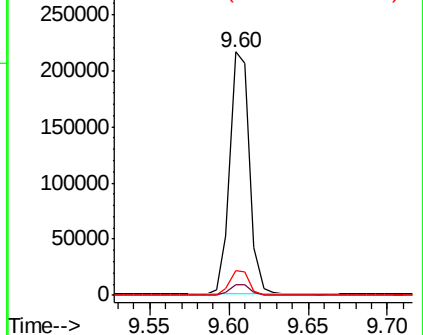


Abundance

Ion 163.00 (162.70 to 163.70): E

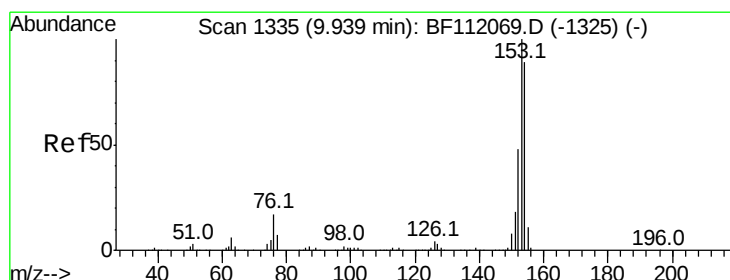
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52
Acenaphthene
Concen: 12.287 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF112092.D
Acq: 17 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.8	134.6
152	55.5	43.5	65.3

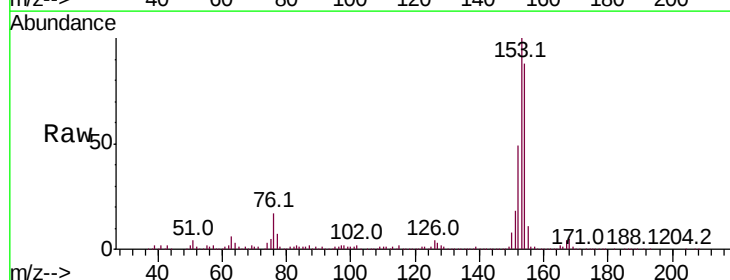
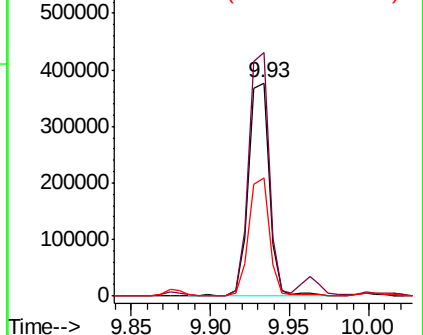


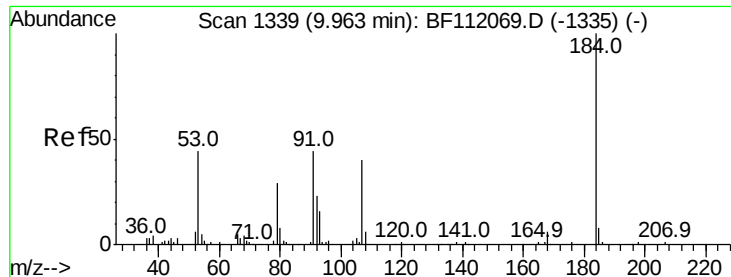
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

2,4-Dinitrophenol

Concen: 7.915 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.22 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

COMP-7

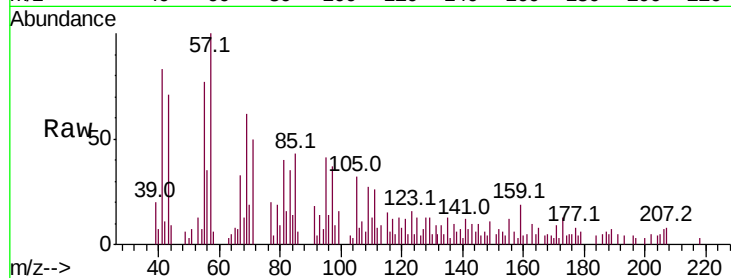
Tot Ion:184 Resp: 250

Ion Ratio Lower Upper

184 100

63 90.4 47.1 70.7#

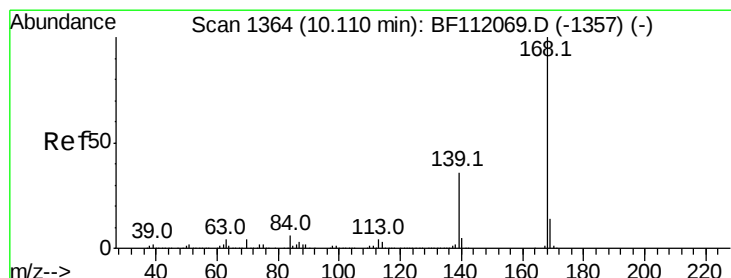
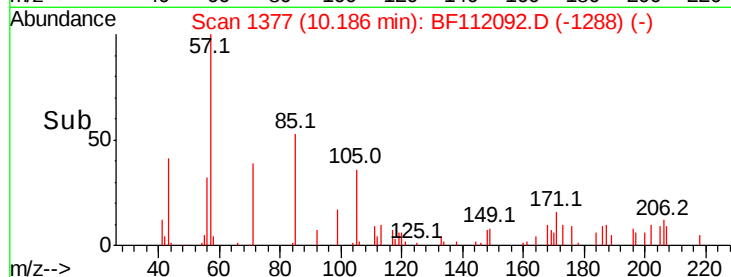
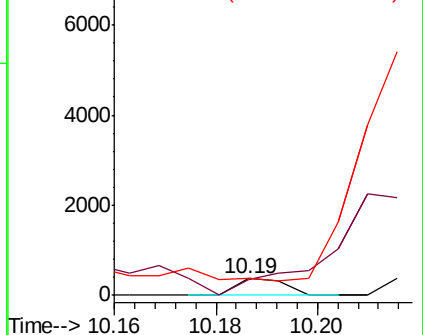
154 102.1 48.9 73.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 9.580 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

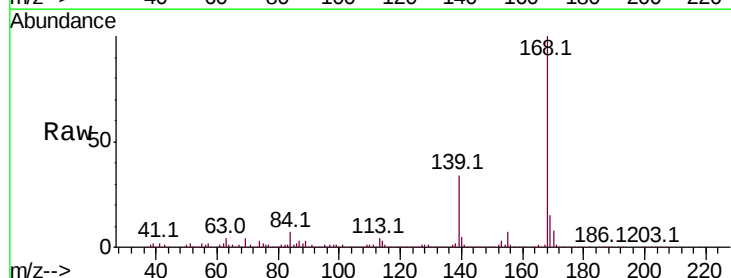
Tgt Ion:168 Resp: 403379

Ion Ratio Lower Upper

168 100

139 34.5 29.2 43.8

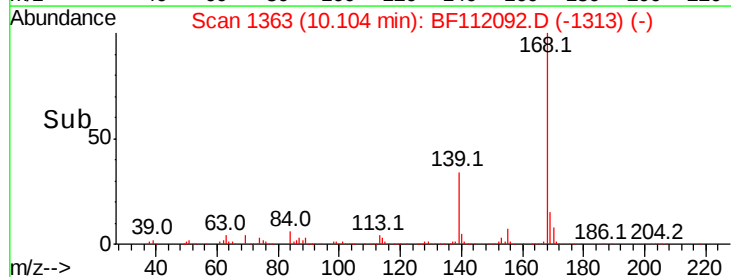
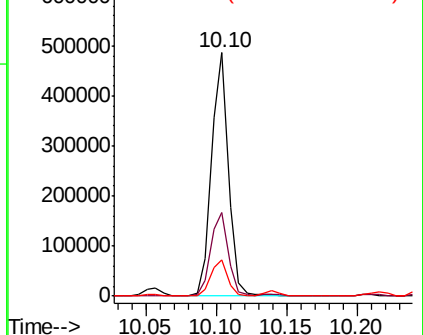
169 14.9 11.4 17.0

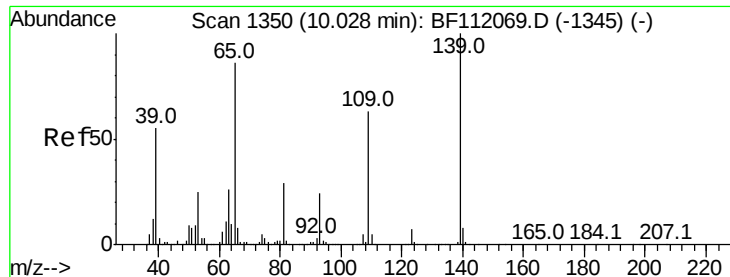


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 29.622 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.08 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

COMP-7

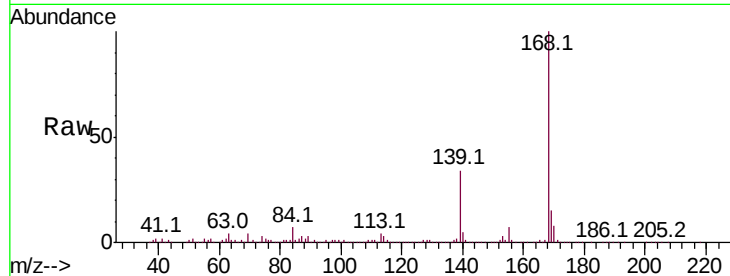
Tot Ion:139 Resp: 143021

Ion Ratio Lower Upper

139 100

109 2.4 42.8 82.8#

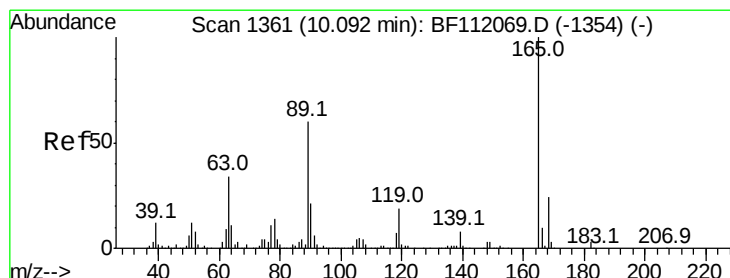
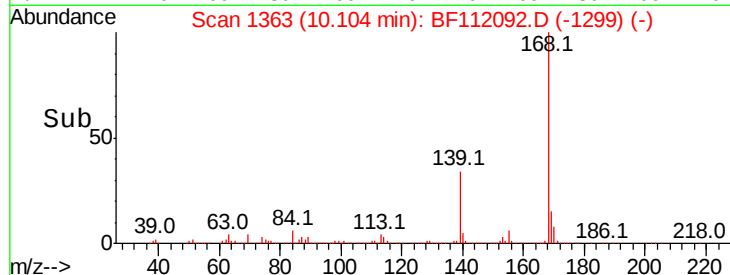
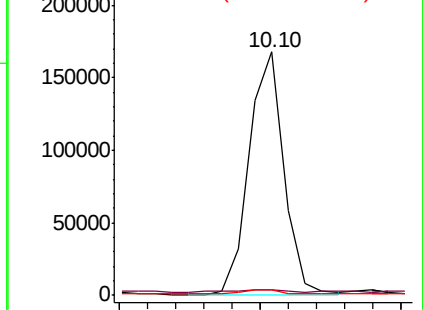
65 2.1 66.1 106.1#



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): BF1



#57

2,4-Dinitrotoluene

Concen: 5.201 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.04 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Tgt Ion:165 Resp: 6097

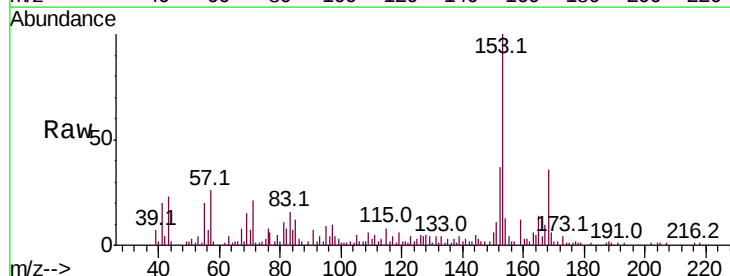
Ion Ratio Lower Upper

165 100

63 30.8 27.9 41.9

89 13.5 47.9 71.9#

182 5.0 2.2 3.4#

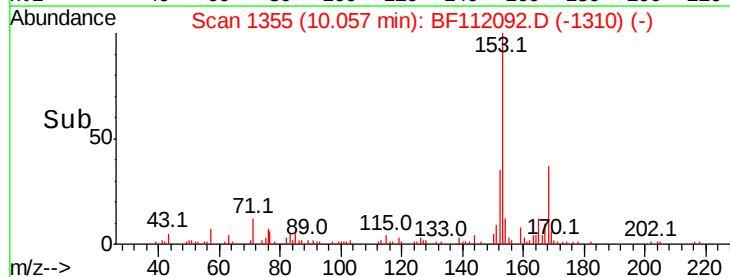
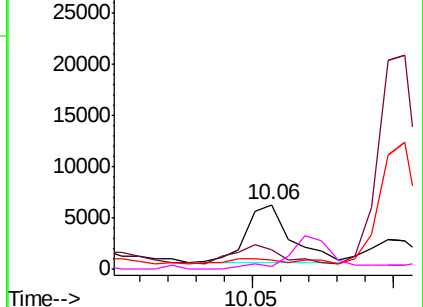


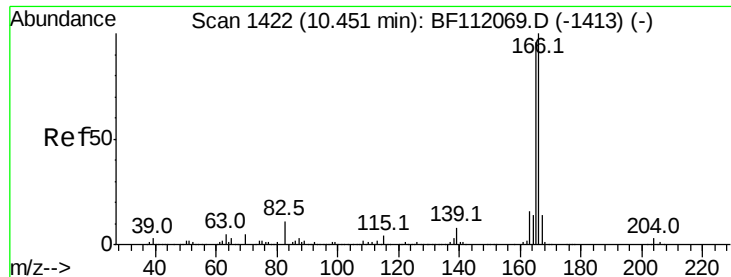
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

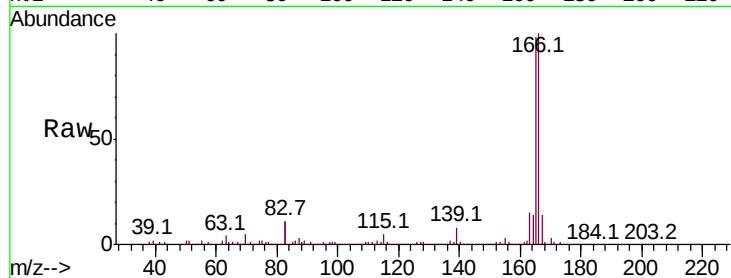




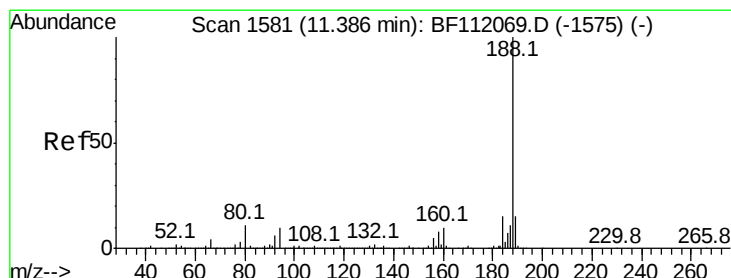
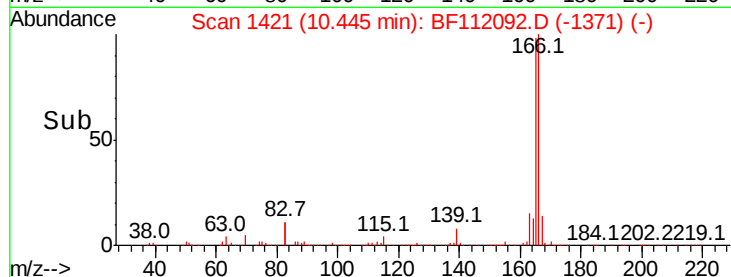
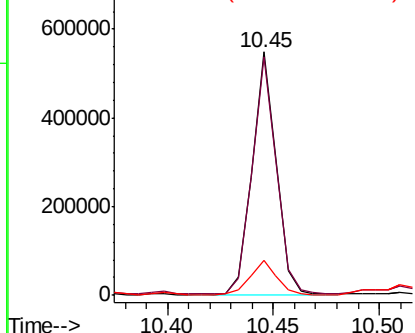
#58
Fluorene
 Concen: 13.852 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF112092.D
 Acq: 17 Jan 2019 16:32

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

Tot Ion:166 Resp: 435762
 Ion Ratio Lower Upper
 166 100
 165 98.0 77.1 115.7
 167 14.1 11.3 16.9

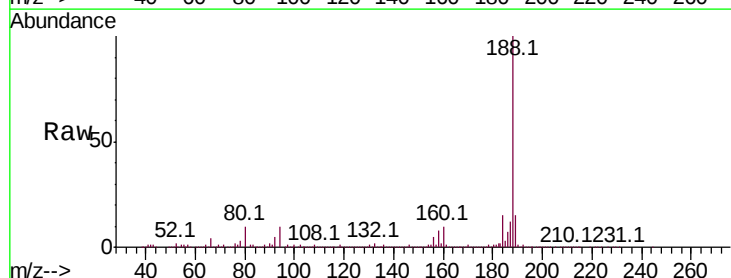


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

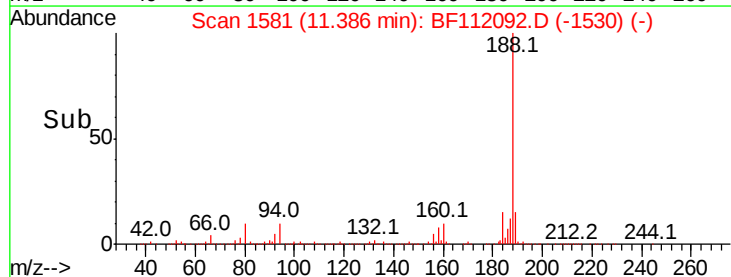
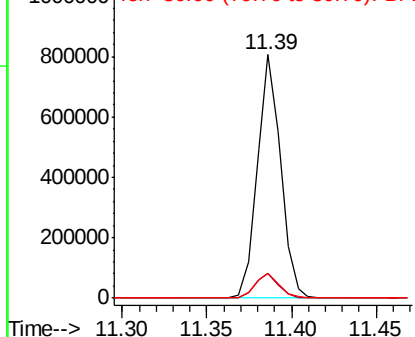


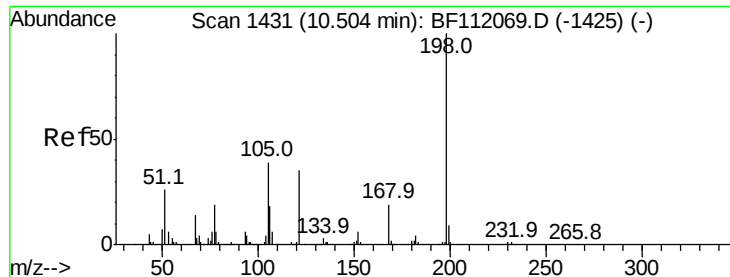
#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF112092.D
 Acq: 17 Jan 2019 16:32

Tgt Ion:188 Resp: 776949
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.2 12.2
 80 10.4 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 10.300 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.18 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

COMP-7

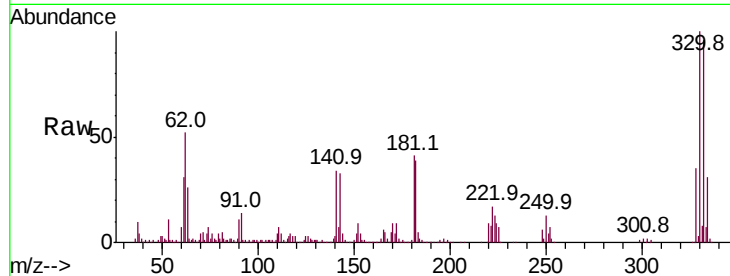
Tot Ion:198 Resp: 945

Ion Ratio Lower Upper

198 100

51 661.1 17.2 57.2#

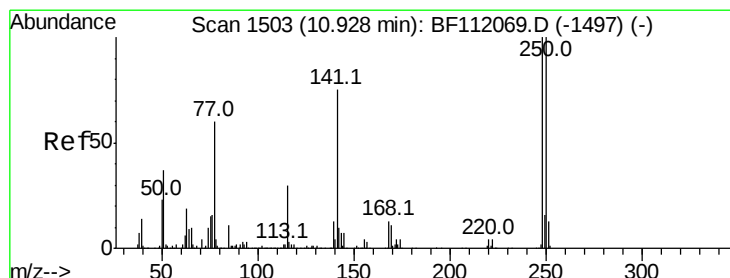
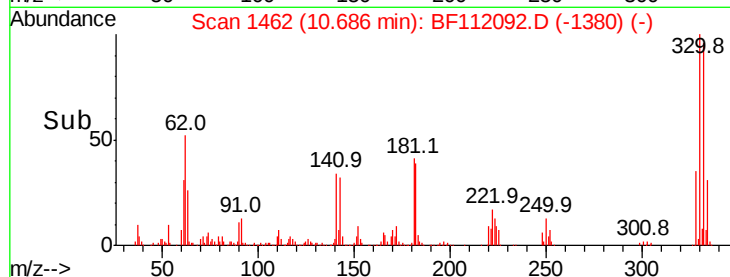
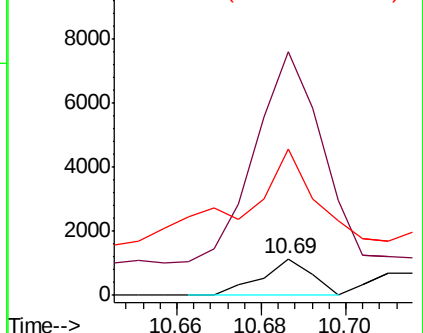
105 397.8 21.9 61.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.709 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.24 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

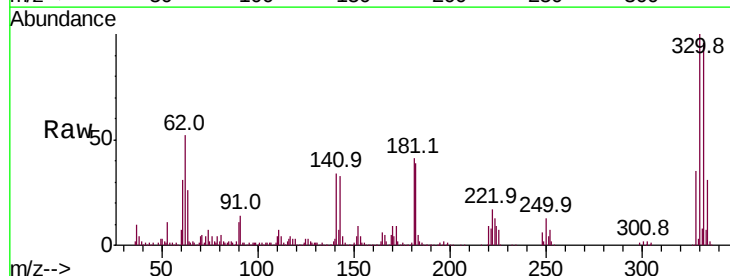
Tgt Ion:248 Resp: 24452

Ion Ratio Lower Upper

248 100

250 220.8 79.7 119.5#

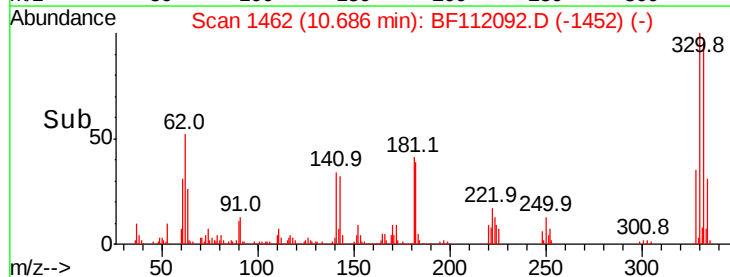
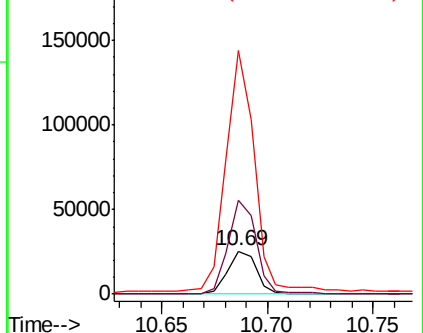
141 571.0 60.3 90.5#

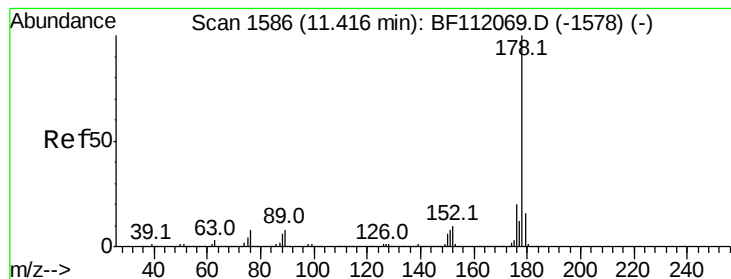


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 96.741 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

COMP-7

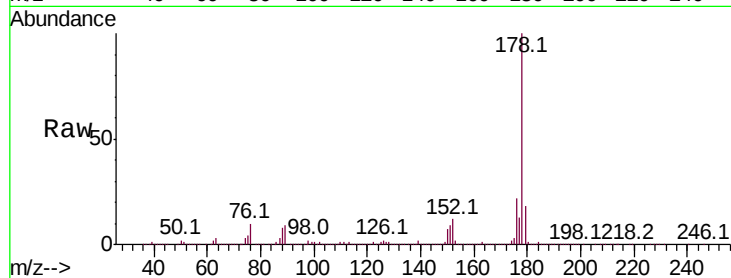
Tot Ion:178 Resp: 3782624

Ion Ratio Lower Upper

178 100

176 22.3 16.3 24.5

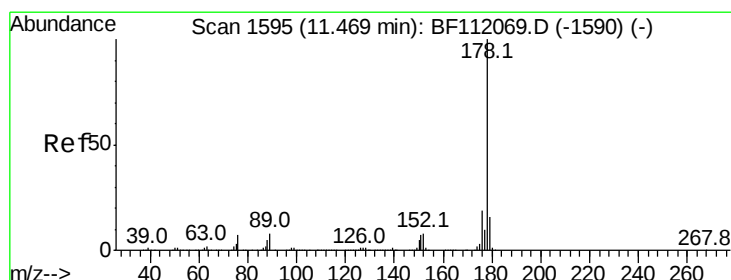
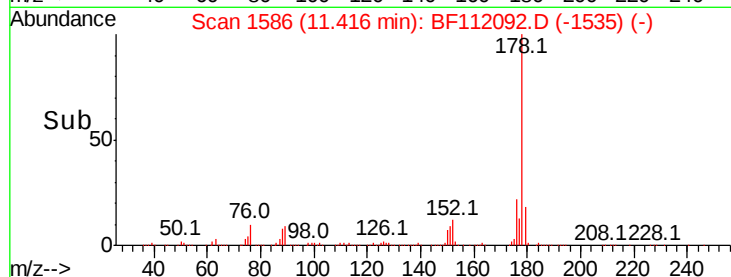
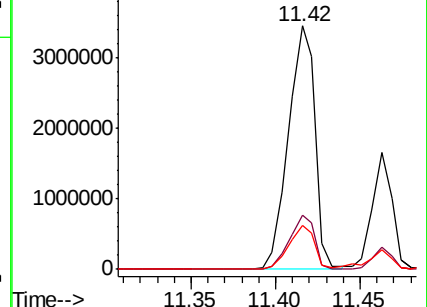
179 18.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 33.274 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

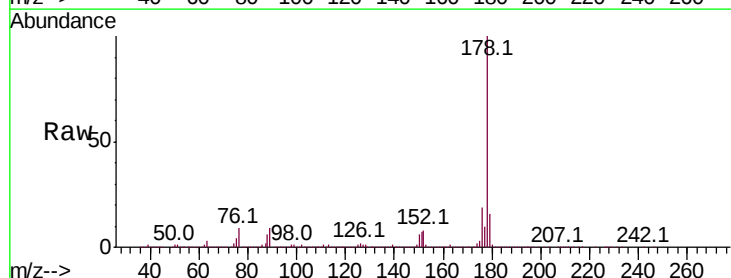
Tgt Ion:178 Resp: 1317927

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

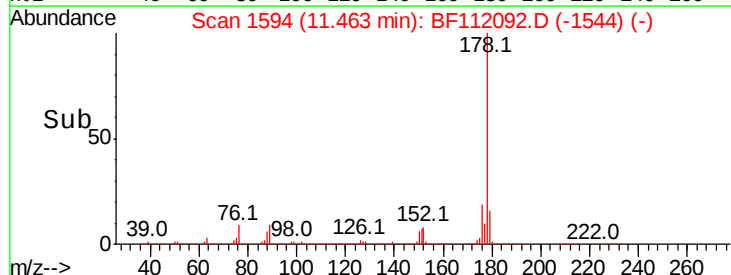
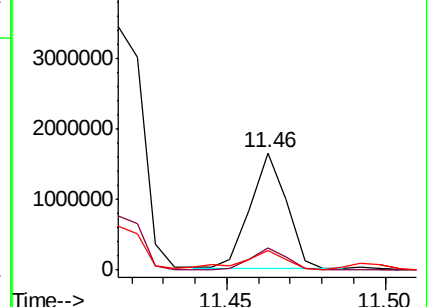
179 16.4 12.8 19.2

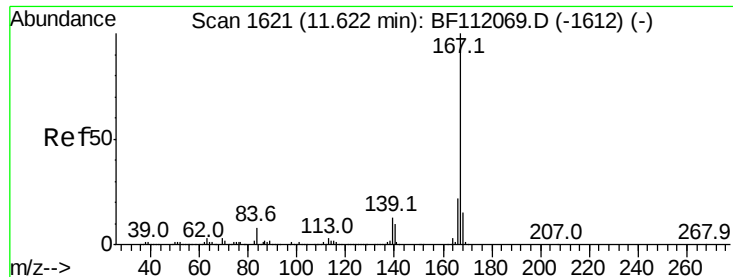


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

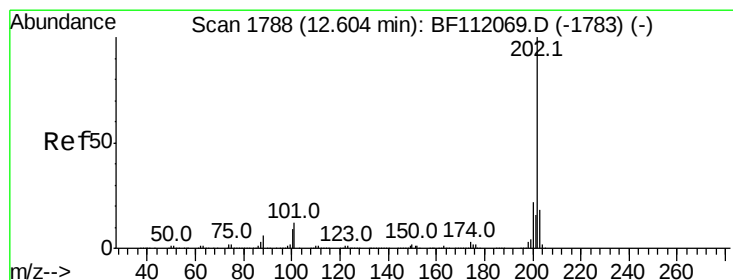
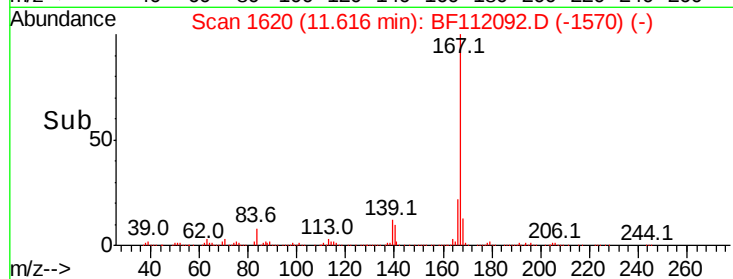
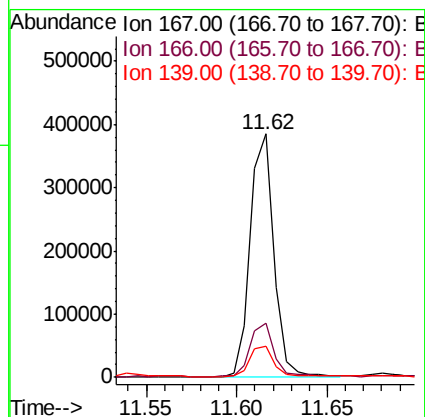
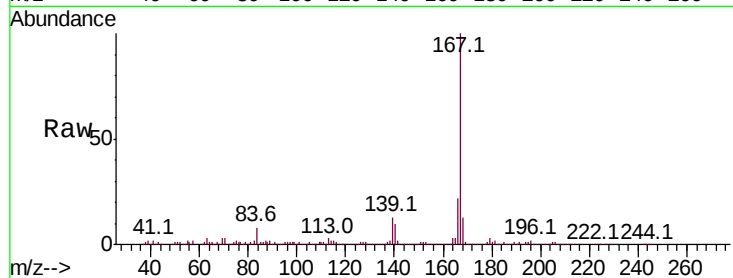




#73
 Carbazole
 Concen: 8.753 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF112092.D
 Acq: 17 Jan 2019 16:32

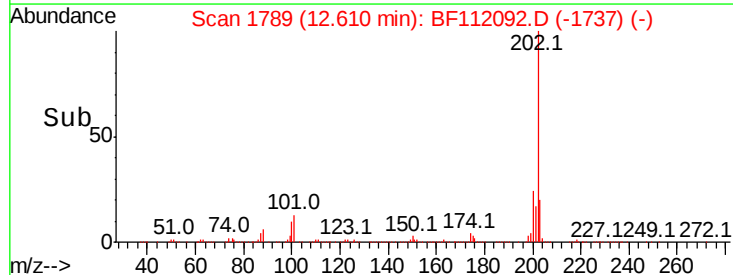
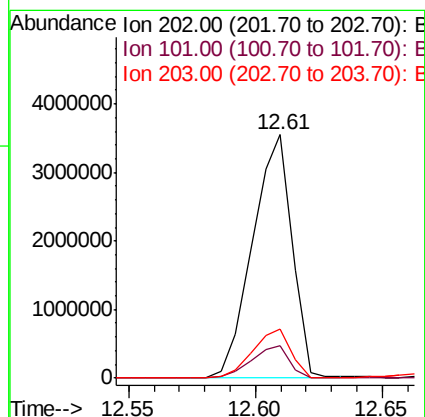
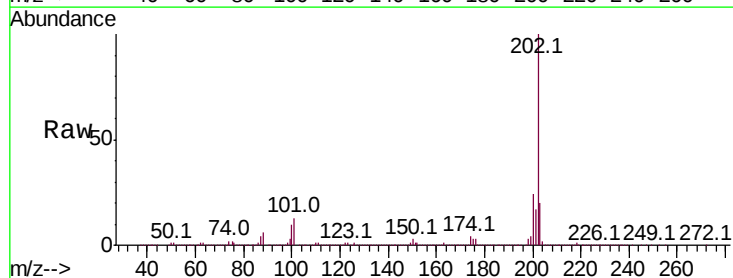
Instrument :
 BNA_F
 ClientSampled :
 COMP-7

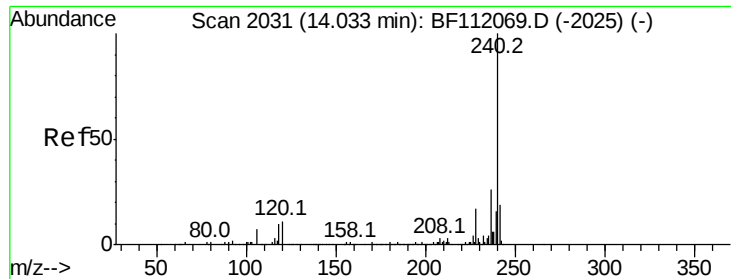
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	12.8	10.2	15.2



#75
 Fluoranthene
 Concen: 92.759 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: BF112092.D
 Acq: 17 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.8
203	20.1	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

COMP-7

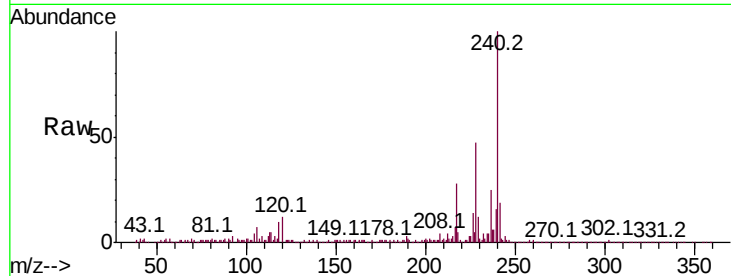
Tot Ion:240 Resp: 660151

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.6

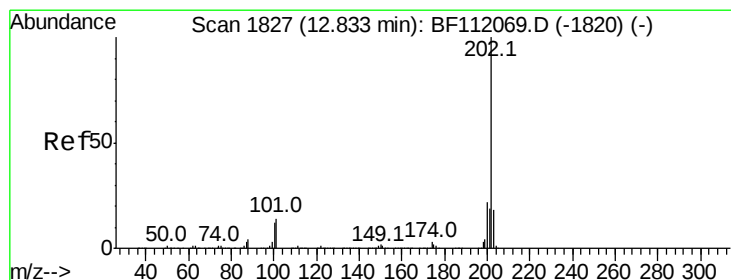
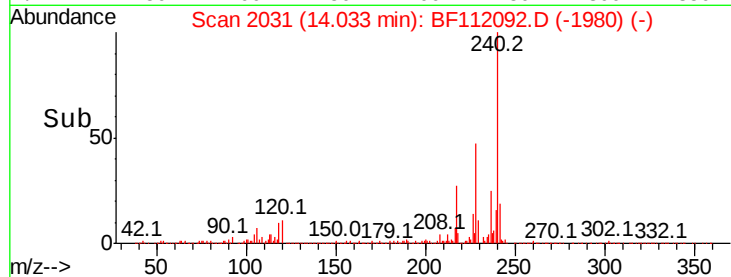
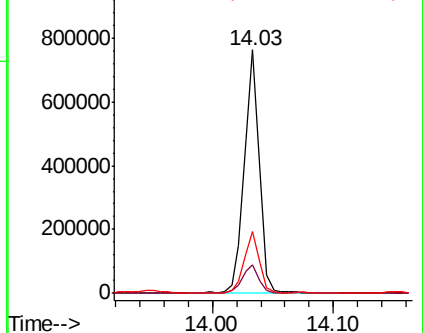
236 25.2 20.7 31.1



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



#78

Pyrene

Concen: 79.048 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

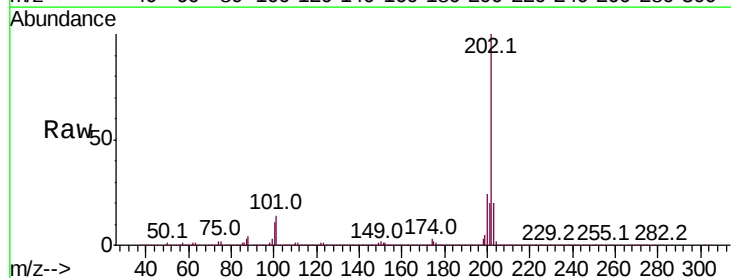
Tgt Ion:202 Resp: 3442846

Ion Ratio Lower Upper

202 100

200 23.7 17.7 26.5

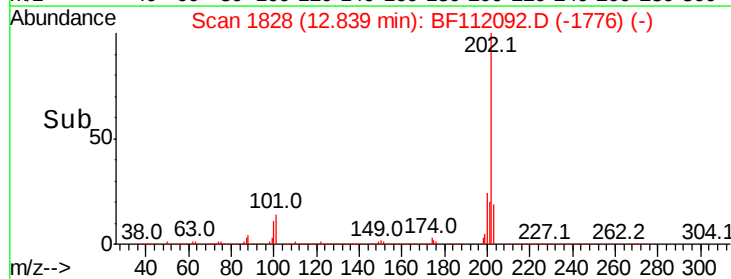
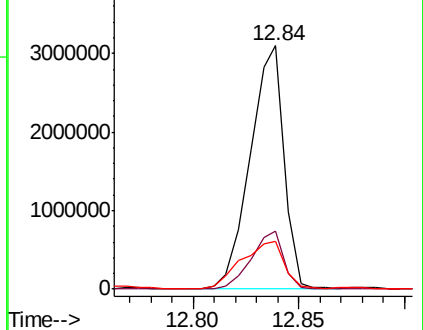
203 19.7 14.6 22.0

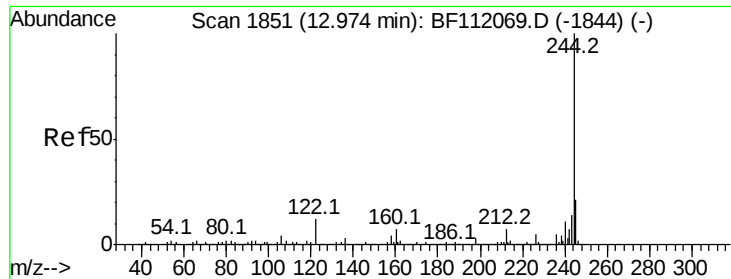


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 52.223 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

COMP-7

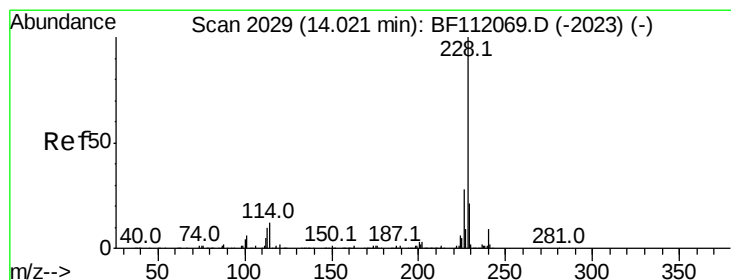
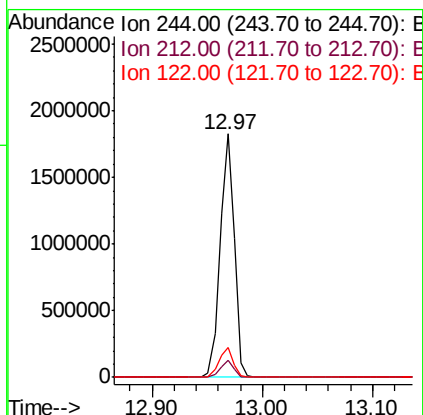
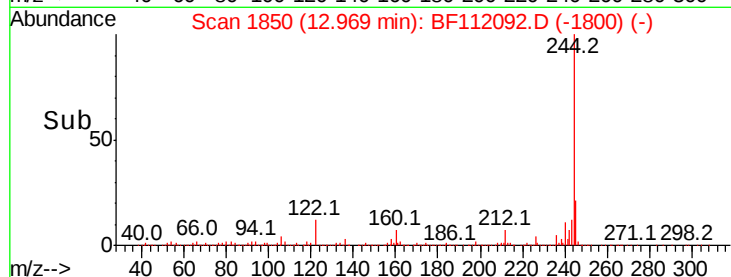
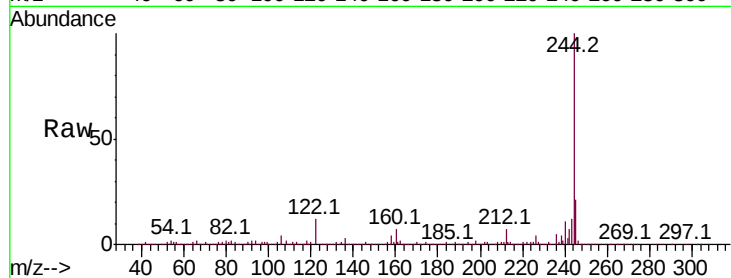
Tot Ion:244 Resp: 1620560

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 12.0 9.8 14.6



#81

Benzo(a)anthracene

Concen: 51.024 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

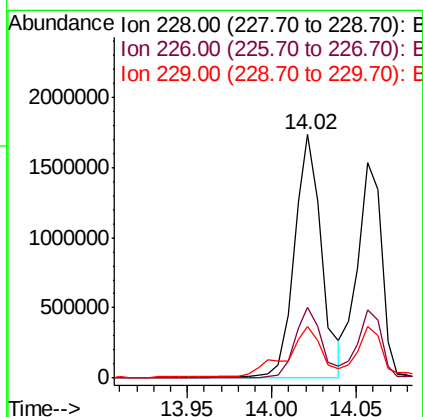
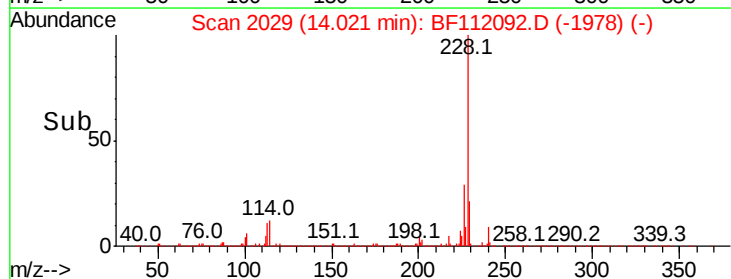
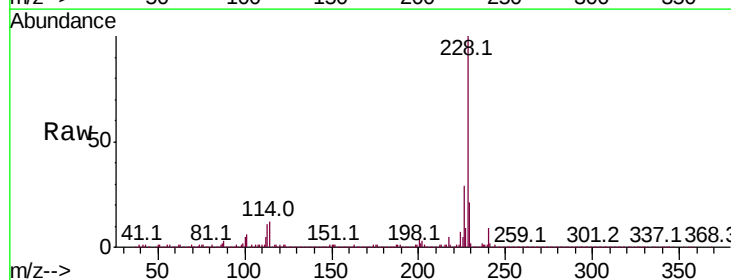
Tgt Ion:228 Resp: 1931320

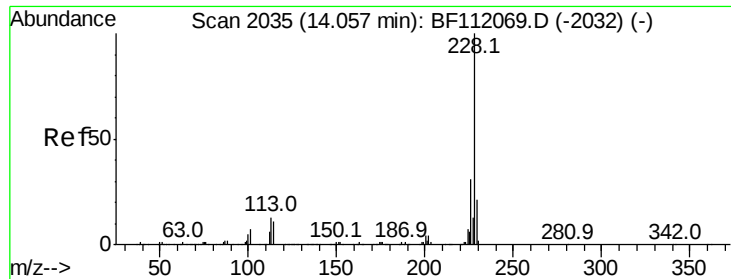
Ion Ratio Lower Upper

228 100

226 29.3 22.6 34.0

229 21.2 16.5 24.7





#83

Chrysene

Concen: 42.916 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

COMP-7

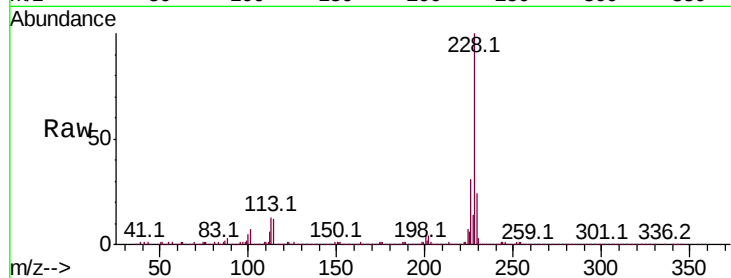
Tot Ion:228 Resp: 1537079

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

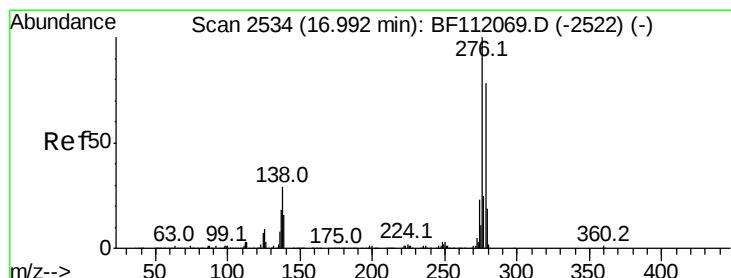
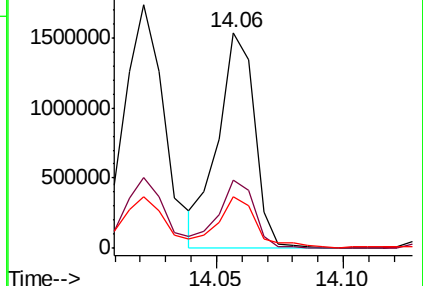
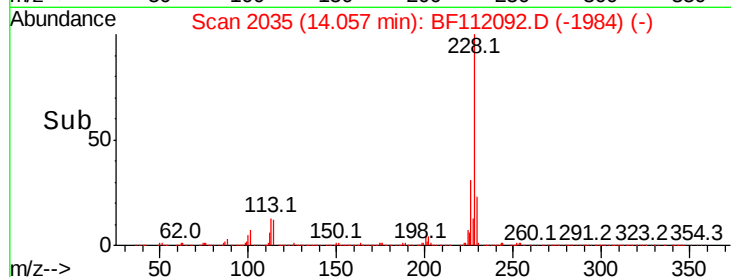
229 23.7 16.6 24.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 16.067 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

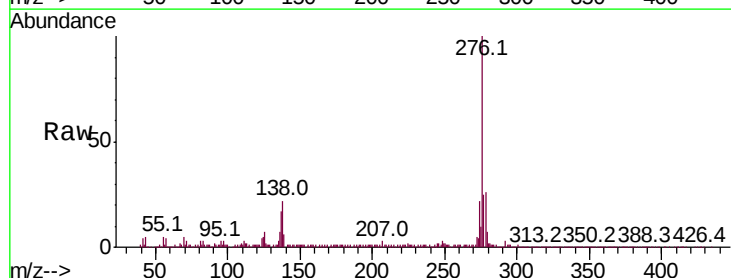
Tgt Ion:276 Resp: 530911

Ion Ratio Lower Upper

276 100

138 23.2 22.6 34.0

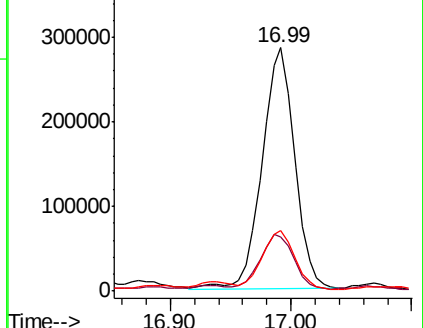
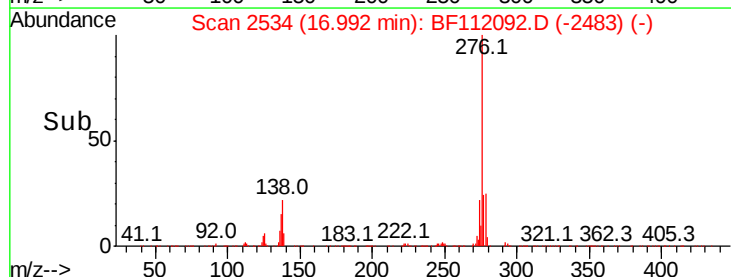
277 23.9 20.3 30.5

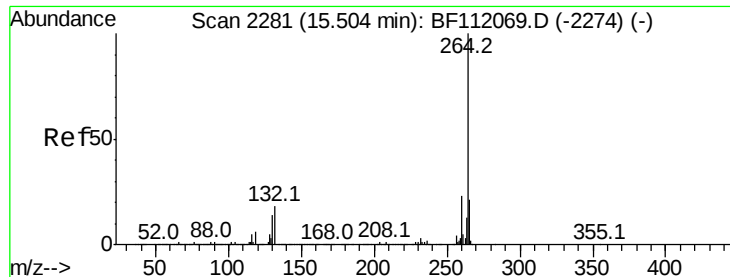


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

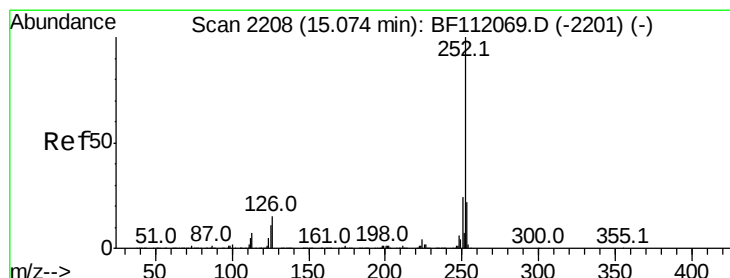
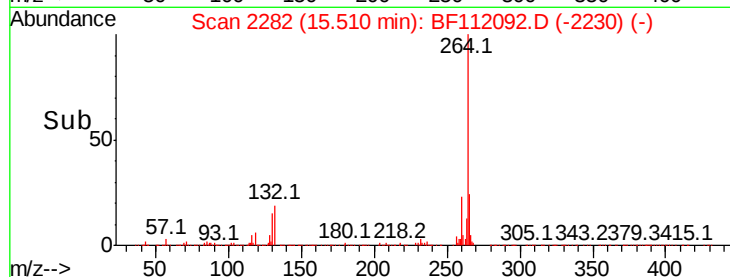
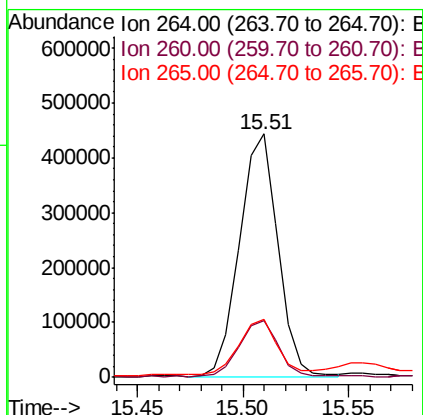
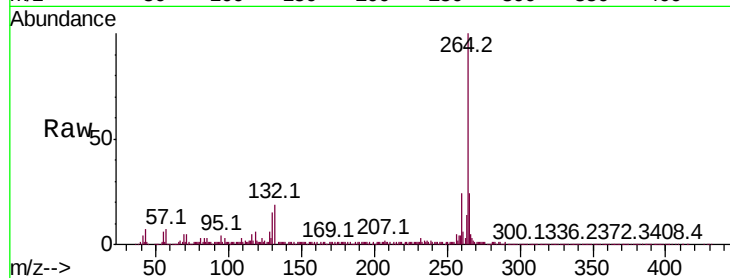
Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
COMP-7

Tot Ion:264 Resp: 556088

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	23.9	17.0	25.4



#88

Benzo(b)fluoranthene

Concen: 67.408 ng

RT: 15.08 min Scan# 2209

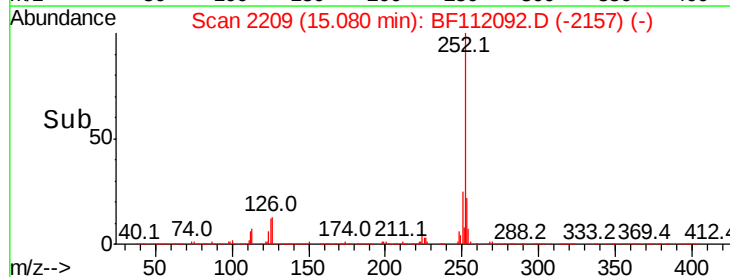
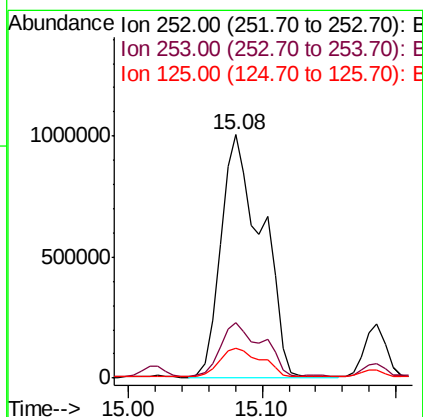
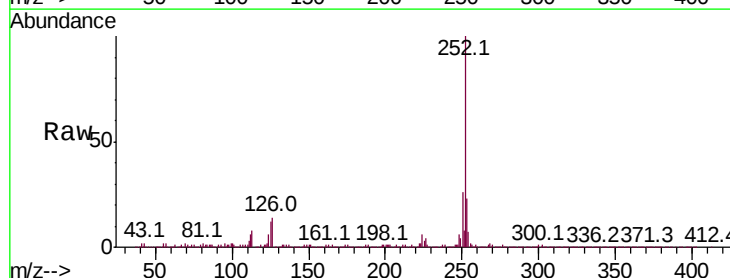
Delta R.T. 0.01 min

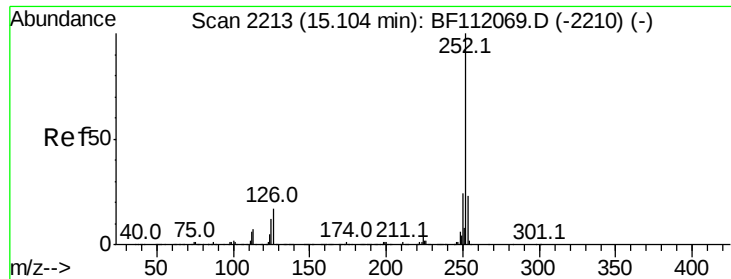
Lab File: BF112092.D

Acq: 17 Jan 2019 16:32

Tgt Ion:252 Resp: 2127782

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	12.2	8.7	13.1

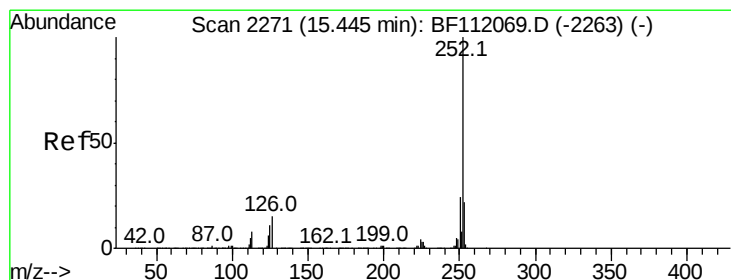
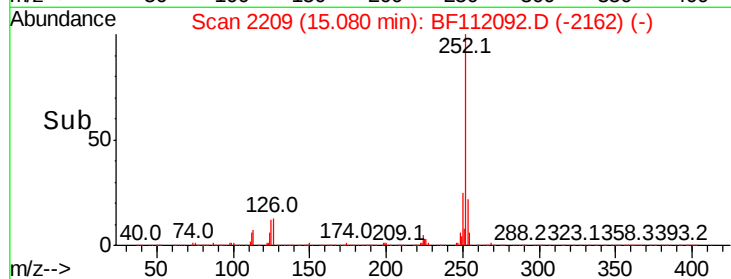
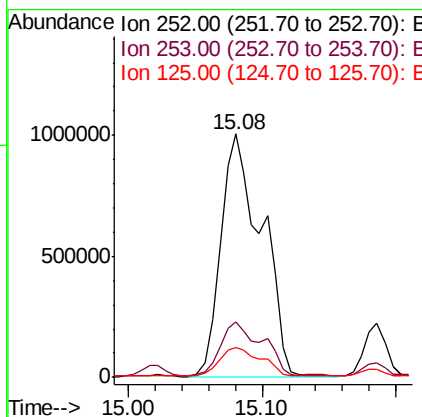
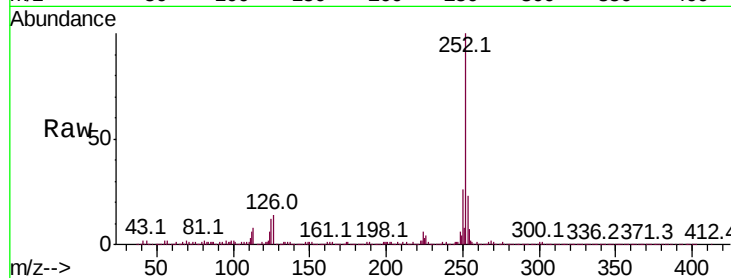




#89
Benzo(k)fluoranthene
Concen: 69.645 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BF112092.D
Acq: 17 Jan 2019 16:32

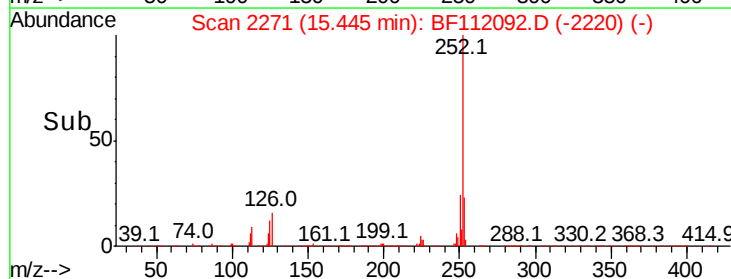
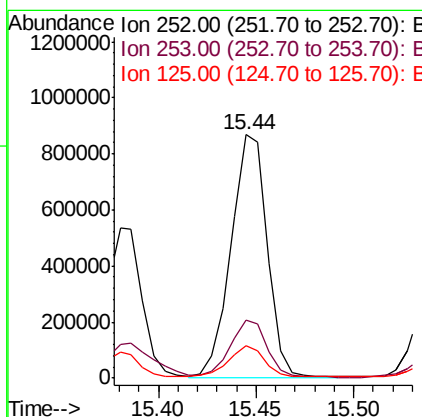
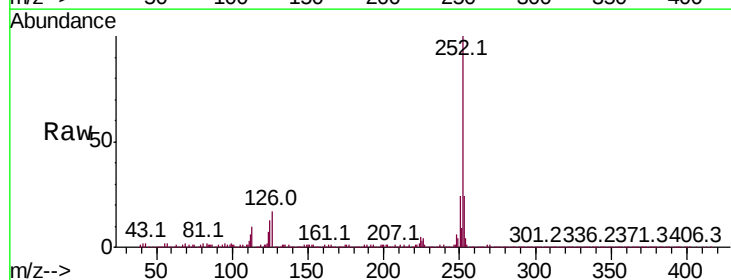
Instrument :
BNA_F
ClientSampled :
COMP-7

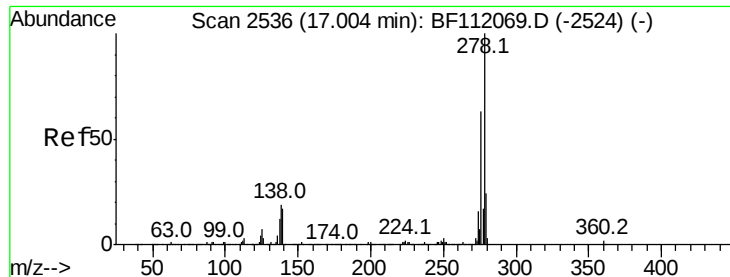
Tot Ion:252 Resp: 2127782
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 12.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 38.323 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF112092.D
Acq: 17 Jan 2019 16:32

Tgt Ion:252 Resp: 1109363
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 13.2 9.0 13.4

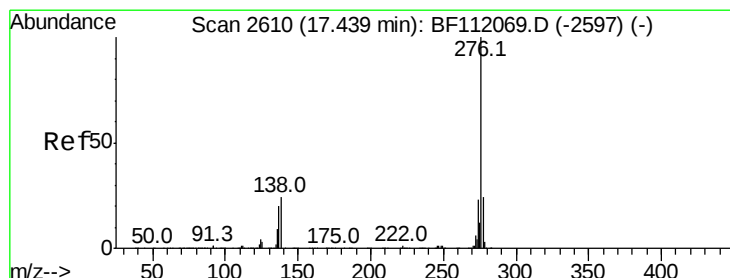
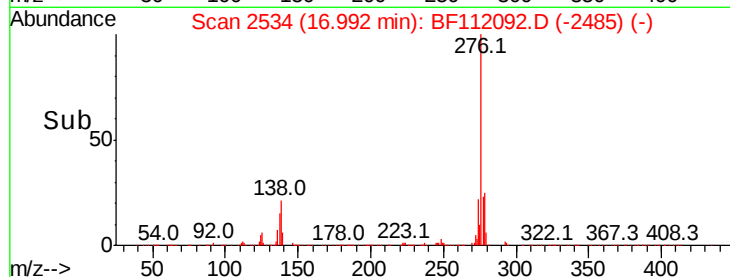
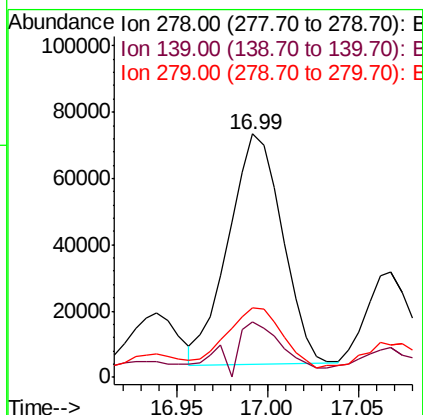
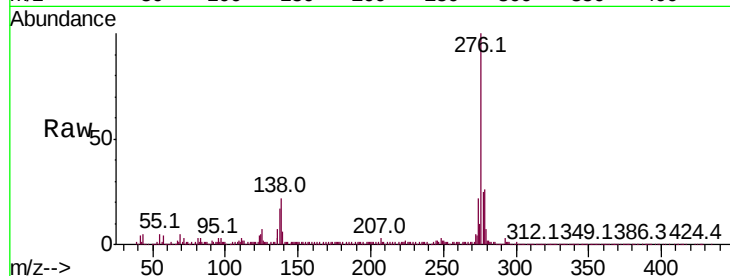




#91
Dibenzo(a,h)anthracene
Concen: 5.559 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF112092.D
Acq: 17 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
COMP-7

Tot Ion:278 Resp: 142921
Ion Ratio Lower Upper
278 100
139 22.5 13.7 20.5#
279 28.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 17.602 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.00 min
Lab File: BF112092.D
Acq: 17 Jan 2019 16:32

Tgt Ion:276 Resp: 445858
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.0
138 25.4 19.1 28.7

