

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
 Data File : BF112171.D
 Acq On : 21 Jan 2019 21:03
 Operator : JU/SJ
 Sample : K1202-01 V10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 990

Quant Time: Jan 22 00:49:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

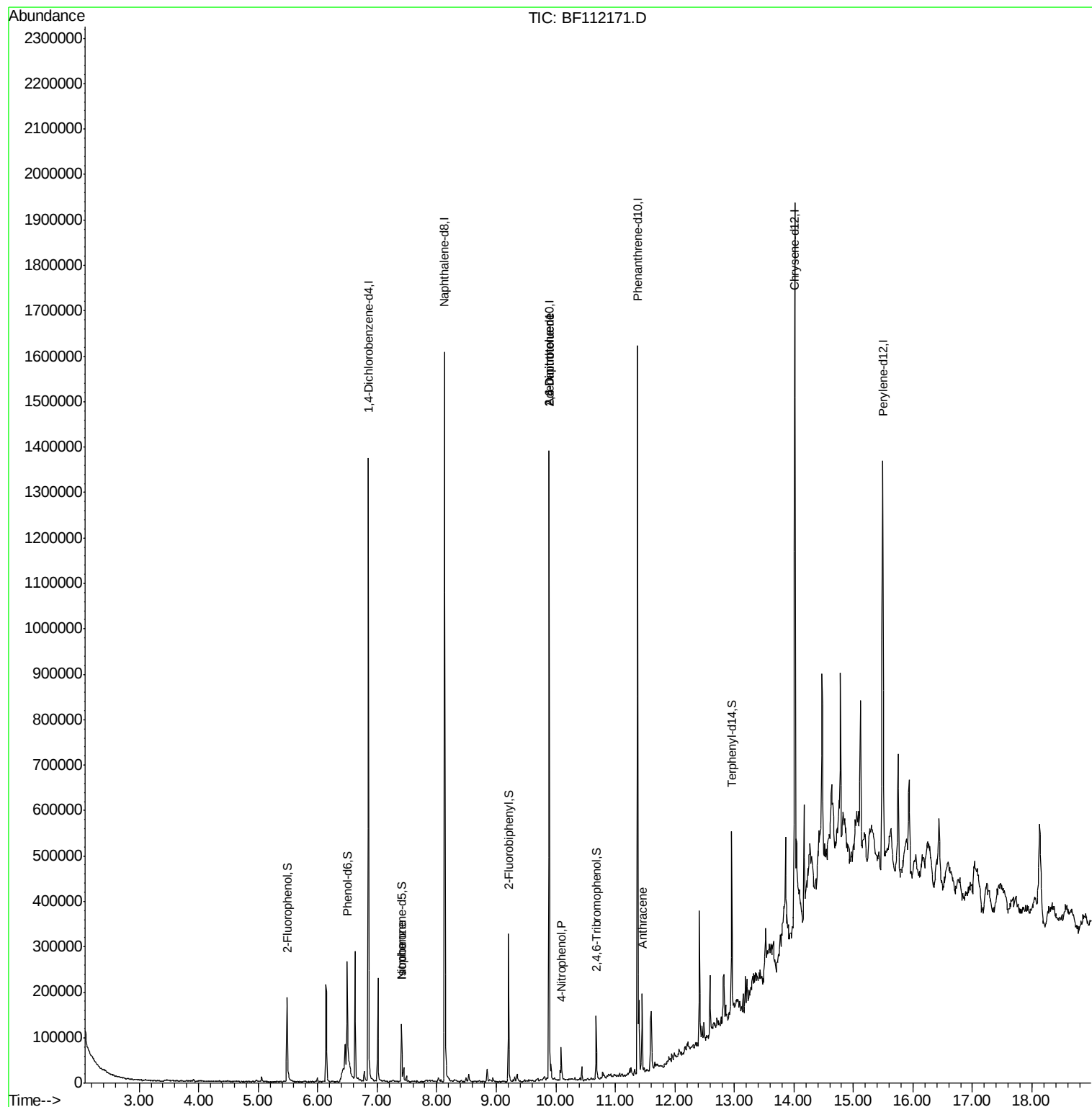
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	208235	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	704684	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	287071	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	557295	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	510130	20.00	ng	-0.01
87) Perylene-d12	15.49	264	373115	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	66302	5.78	ng	0.00
7) Phenol-d6	6.49	99	84979	5.92	ng	-0.01
23) Nitrobenzene-d5	7.41	82	43526	4.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	19068	6.16	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	104297	5.33	ng	-0.01
79) Terphenyl-d14	12.96	244	132567	5.53	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.40	77	111	Below Cal	Qvalue	# 38
25) Isophorone	7.41	82	43525	2.209 ng	#	63
51) 2,6-Dinitrotoluene	9.89	165	37074	8.867 ng	#	34
56) 4-Nitrophenol	10.09	139	9795	8.379 ng	#	12
57) 2,4-Dinitrotoluene	9.89	165	37075	10.830 ng	#	32
72) Anthracene	11.45	178	69138	2.434 ng		97

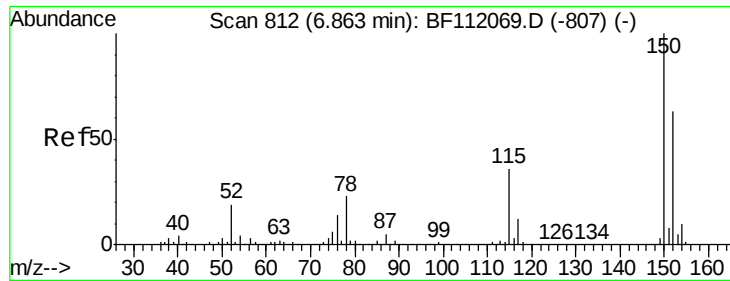
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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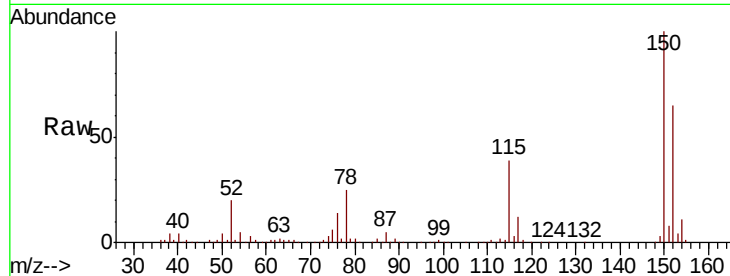


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
990

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.4	191.0
115	59.6	45.5	68.3

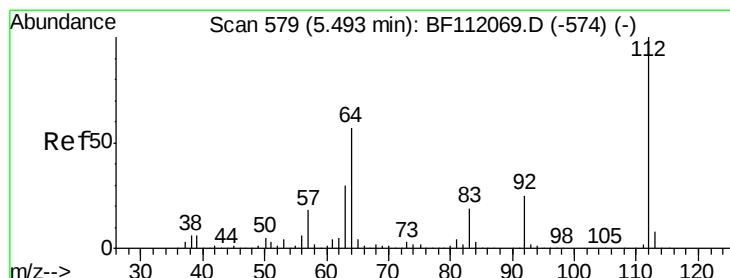
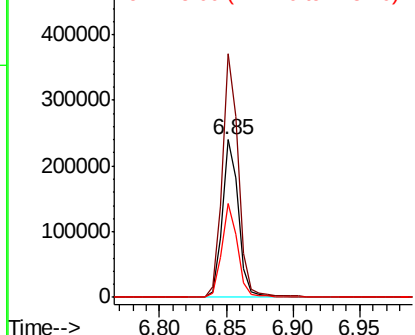
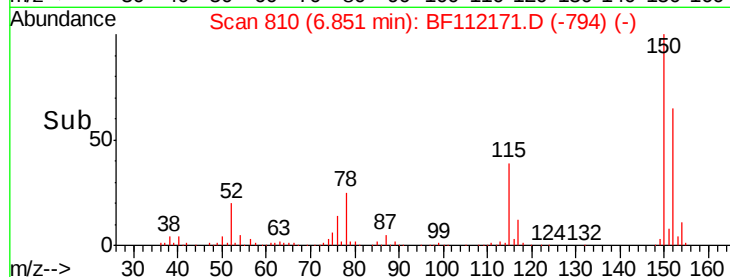


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

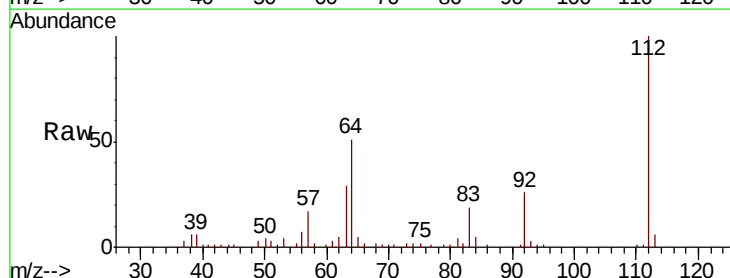
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 5.779 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	45.7	68.5
63	29.3	23.6	35.4

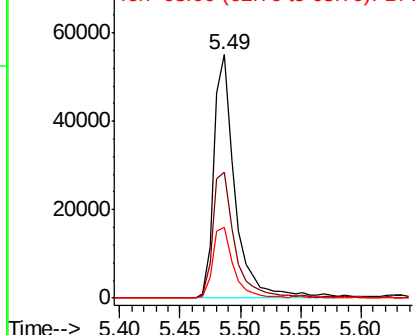
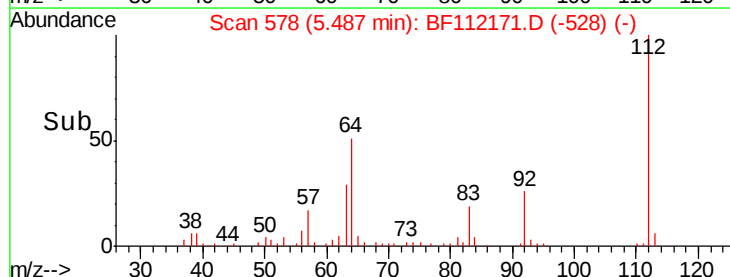


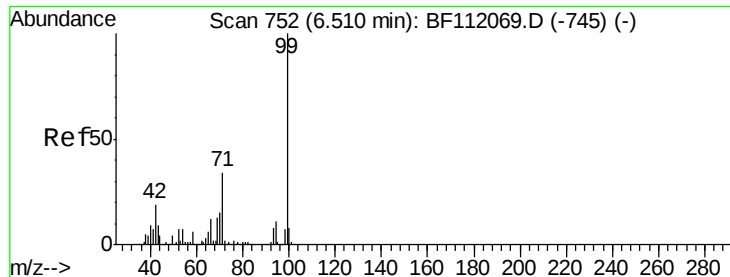
Abundance

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: 5.920 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112171.D

Acq: 21 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

990

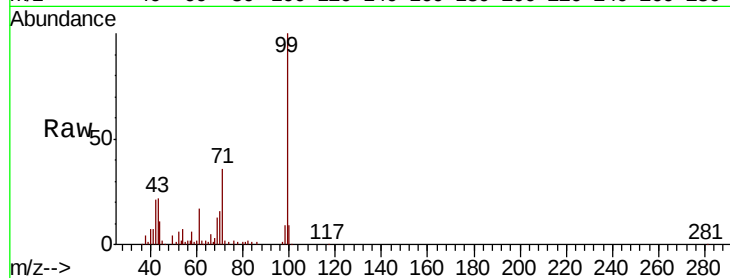
Tgt Ion: 99 Resp: 84979

Ion Ratio Lower Upper

99 100

42 21.4 15.1 22.7

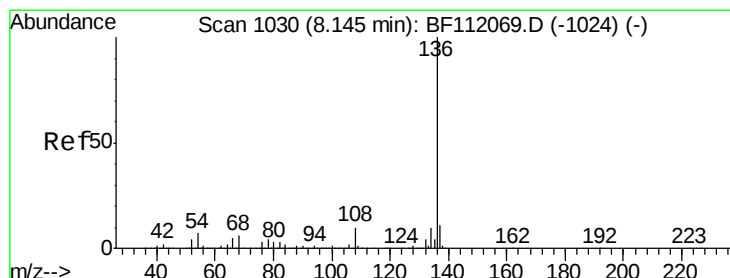
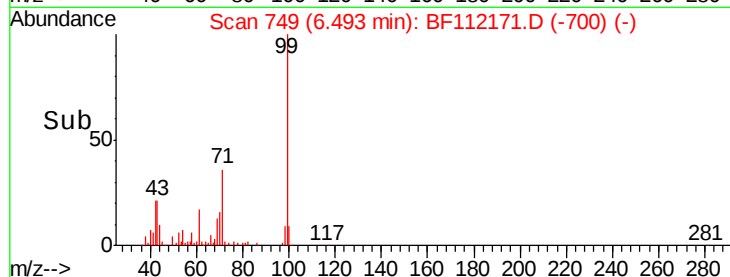
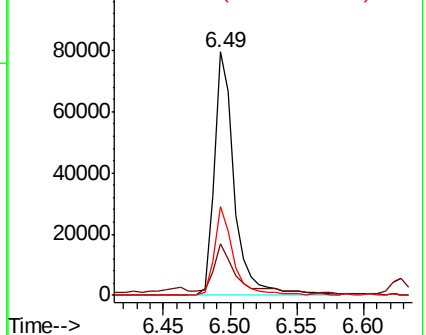
71 36.5 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112171.D

Acq: 21 Jan 2019 21:03

Tgt Ion: 136 Resp: 704684

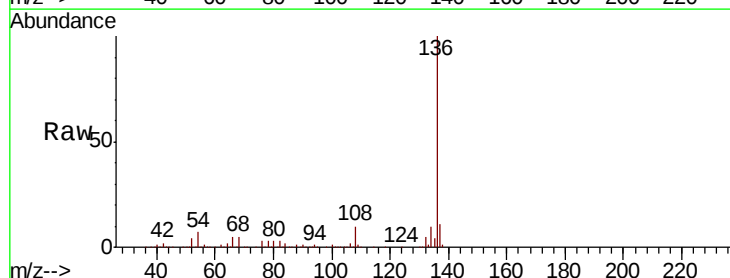
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.1 5.9 8.9

68 5.4 5.1 7.7

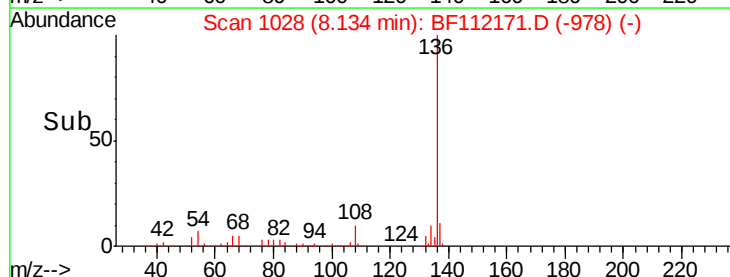
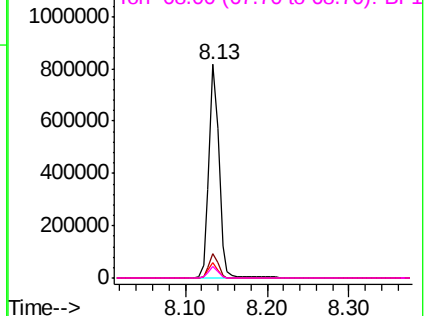


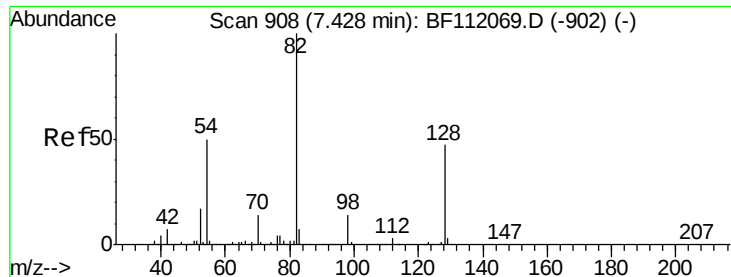
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

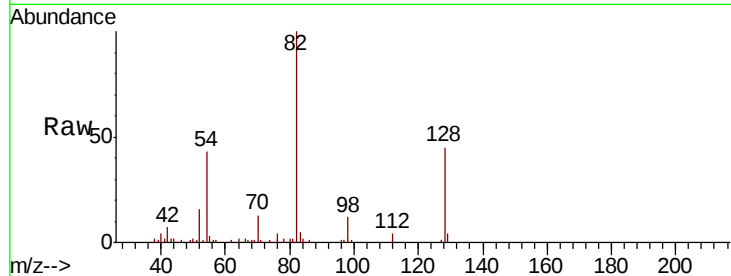




#23
 Nitrobenzene-d5
 Concen: 4.267 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF112171.D
 Acq: 21 Jan 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 990

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.8	56.8
54	42.7	39.7	59.5

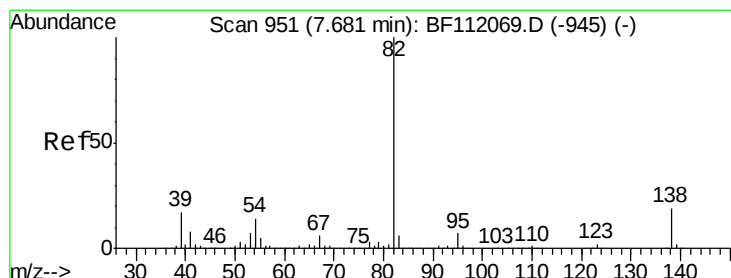
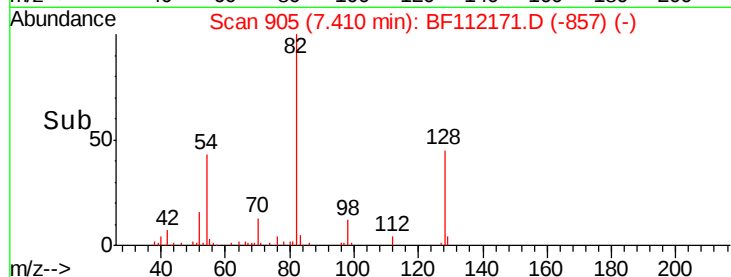
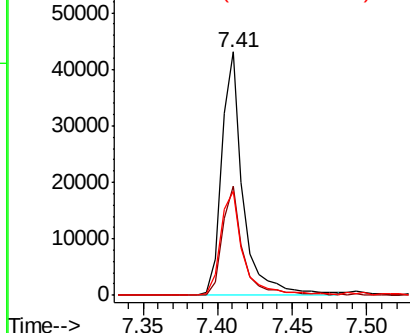


Abundance

Ion 82.00 (81.70 to 82.70): BF1

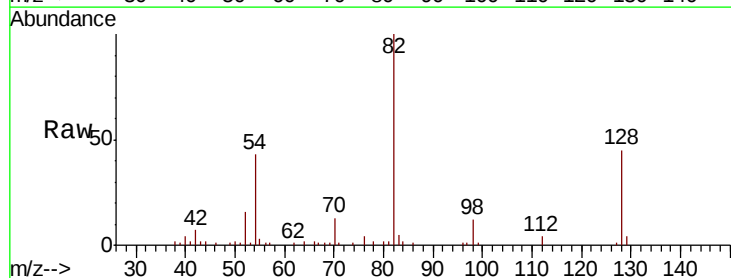
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25
 Isophorone
 Concen: 2.209 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.27 min
 Lab File: BF112171.D
 Acq: 21 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

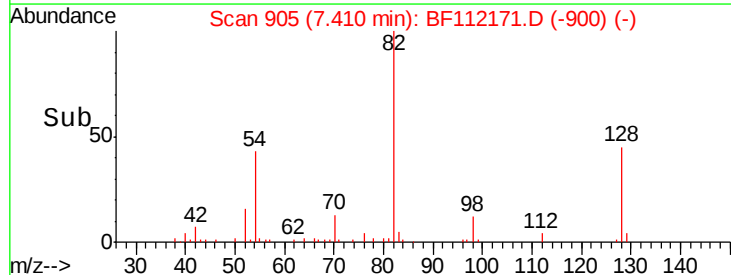
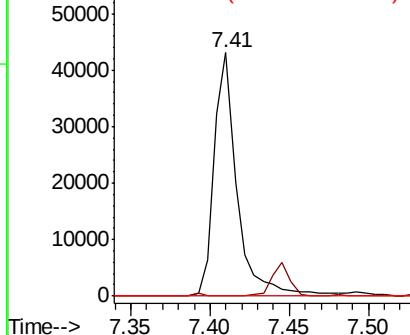


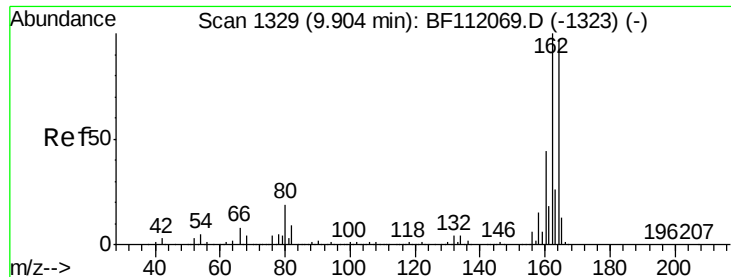
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

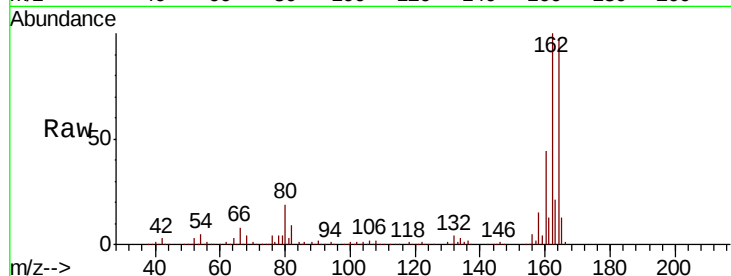




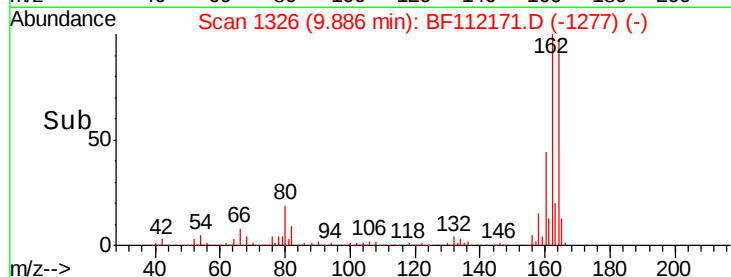
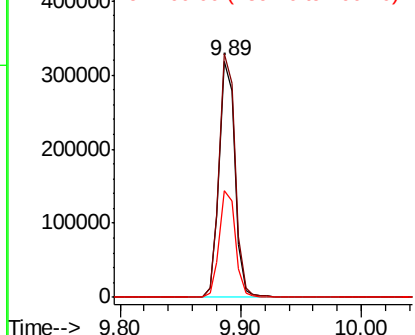
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
990

Tgt Ion:164 Resp: 287071
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.4
160 45.4 36.2 54.4

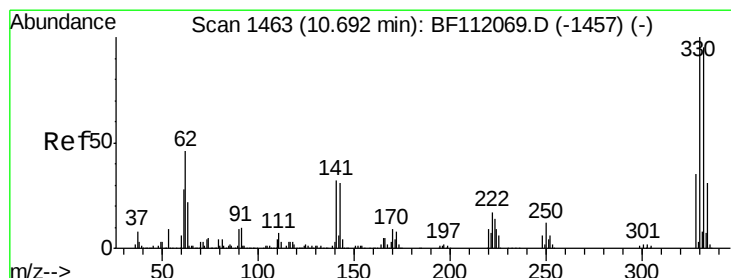


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

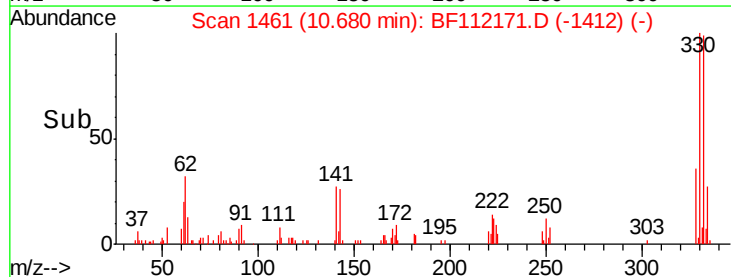
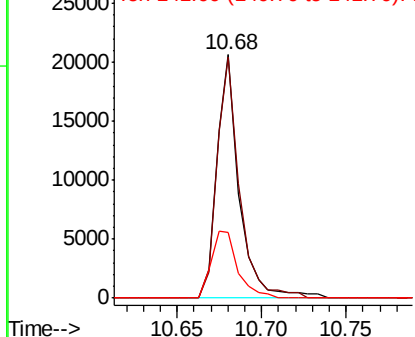


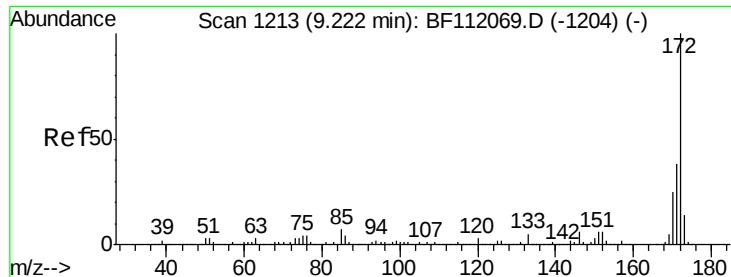
#42
2,4,6-Tribromophenol
Concen: 6.157 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Tgt Ion:330 Resp: 19068
Ion Ratio Lower Upper
330 100
332 99.6 76.6 114.8
141 32.5 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

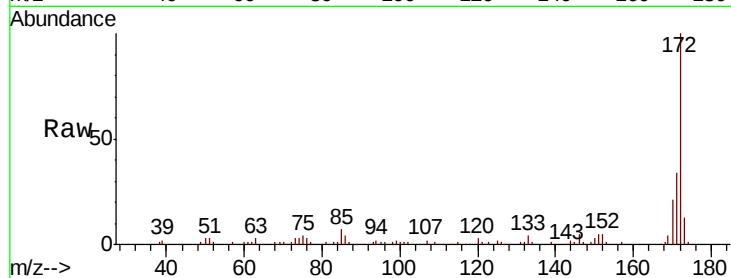




#45
 2-Fluorobiphenyl
 Concen: 5.327 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF112171.D
 Acq: 21 Jan 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 990

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.5	45.7
170	21.4	20.2	30.4

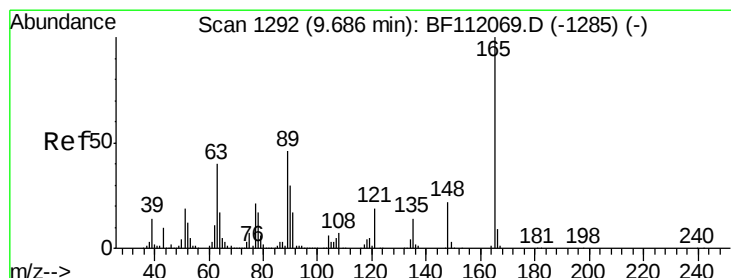
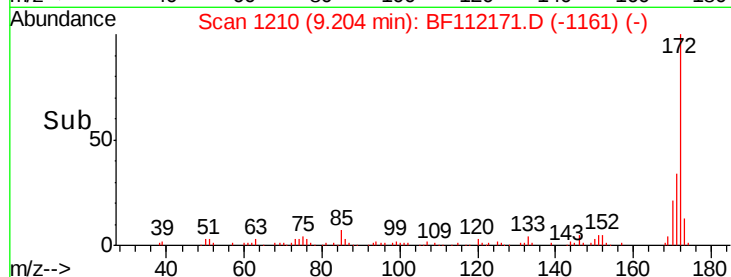
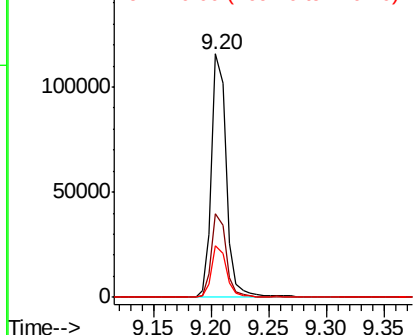


Abundance

Ion 172.00 (171.70 to 172.70): E

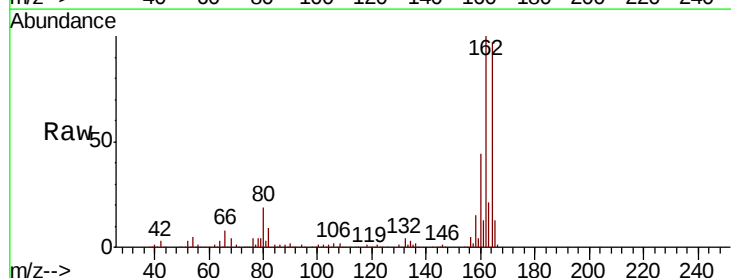
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 8.867 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF112171.D
 Acq: 21 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	1.5	36.9	55.3#

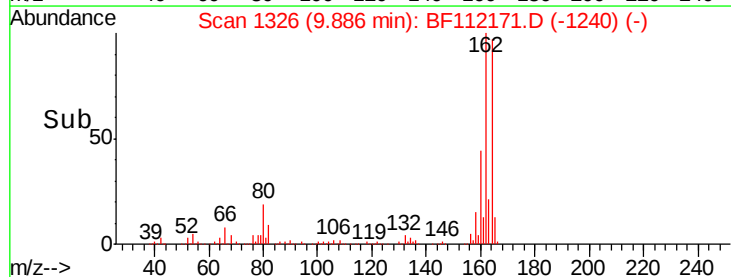
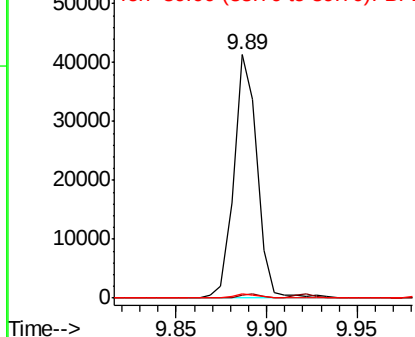


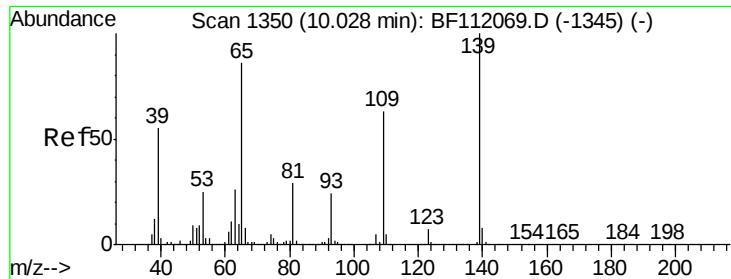
Abundance

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

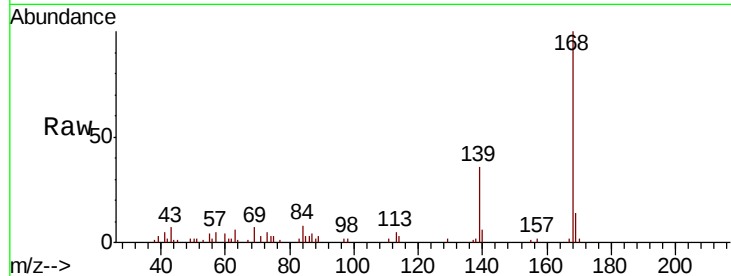




#56
4-Nitrophenol
Concen: 8.379 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.06 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
990

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.1	106.1#

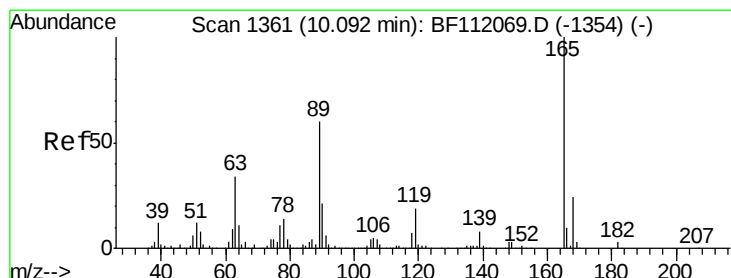
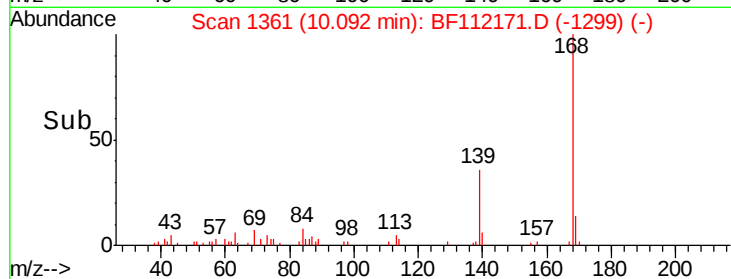
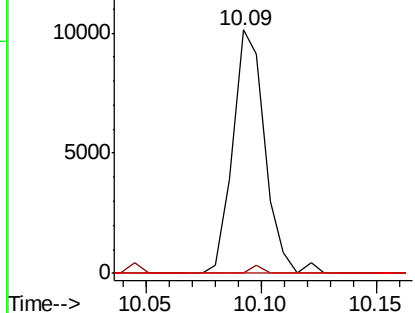


Abundance

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: 10.830 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.5	47.9	71.9#
182	0.0	2.2	3.4#

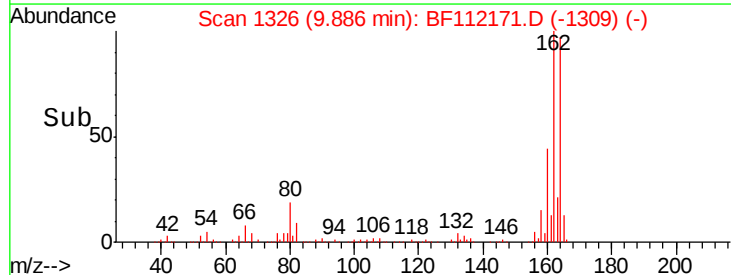
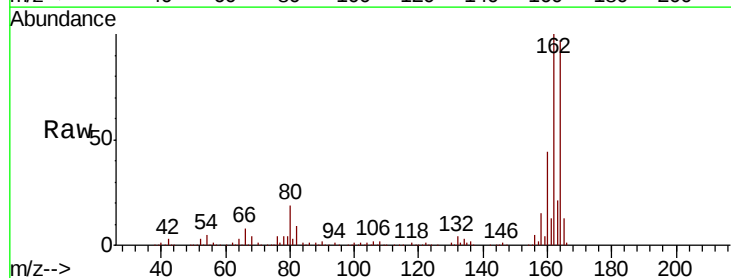
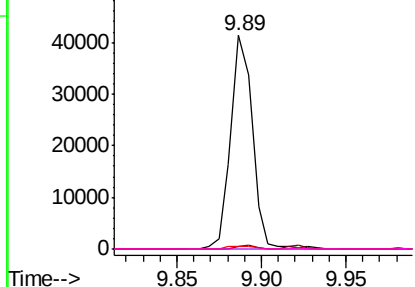
Abundance

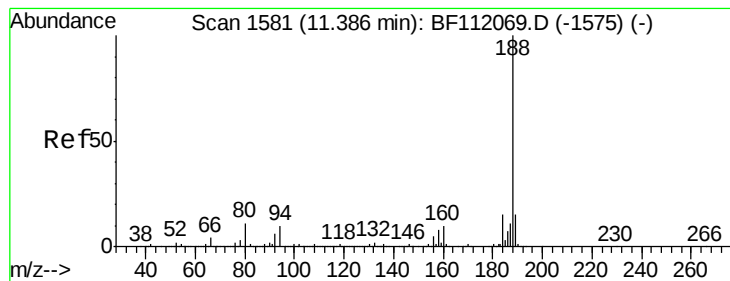
Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF112171.D

Acq: 21 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

990

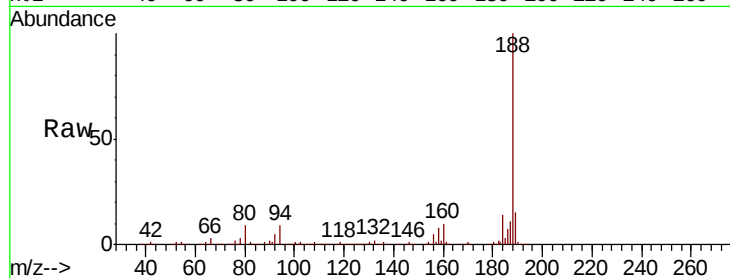
Tgt Ion:188 Resp: 557295

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

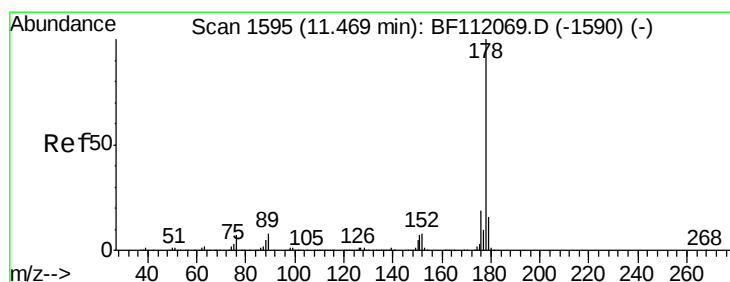
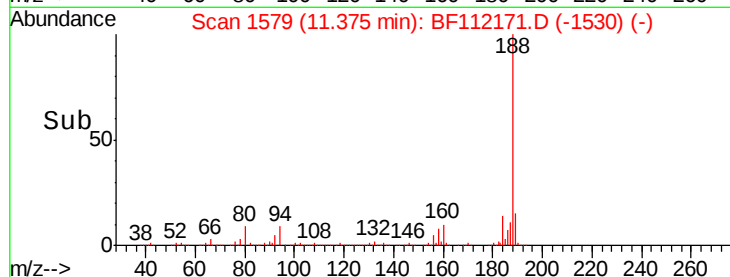
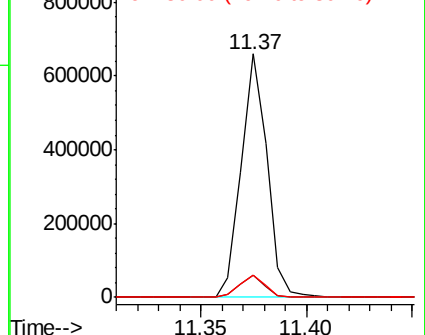
80 9.3 8.9 13.3



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



#72

Anthracene

Concen: 2.434 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF112171.D

Acq: 21 Jan 2019 21:03

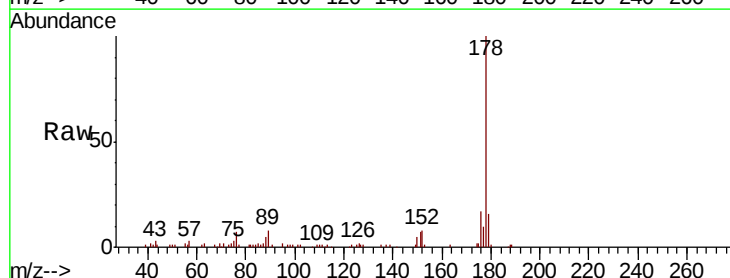
Tgt Ion:178 Resp: 69138

Ion Ratio Lower Upper

178 100

176 17.2 15.5 23.3

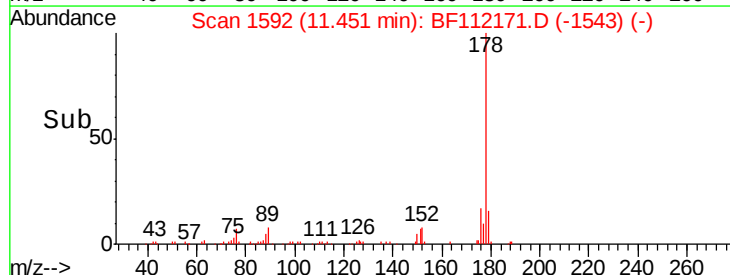
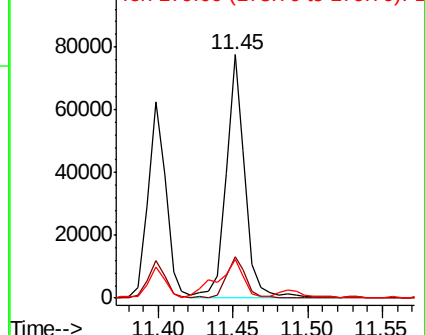
179 15.9 12.8 19.2

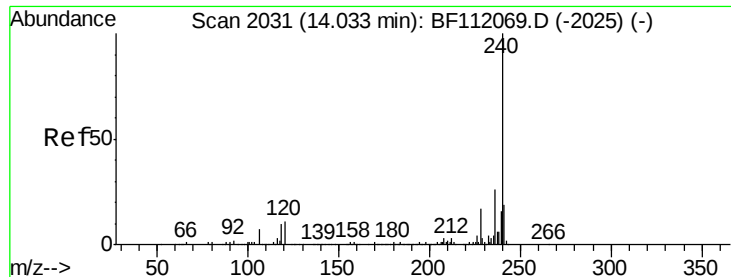


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

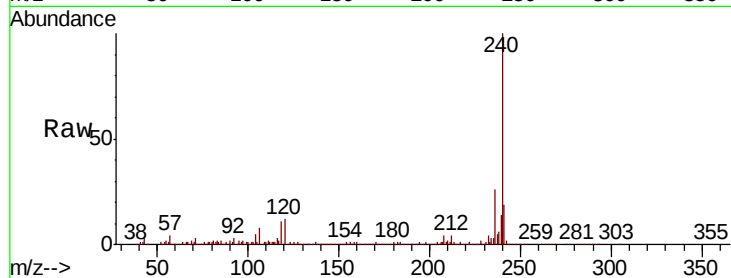




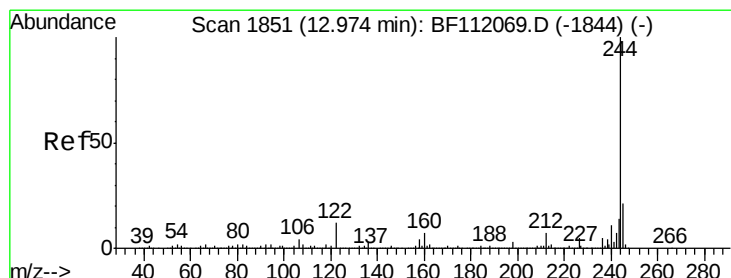
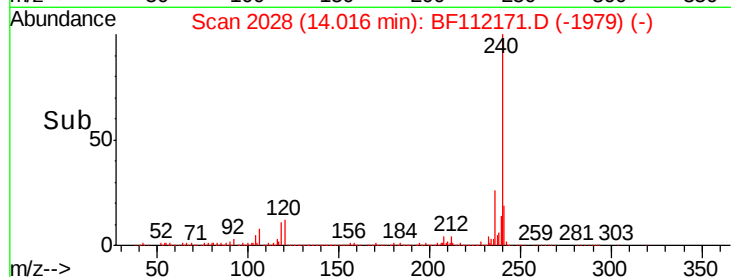
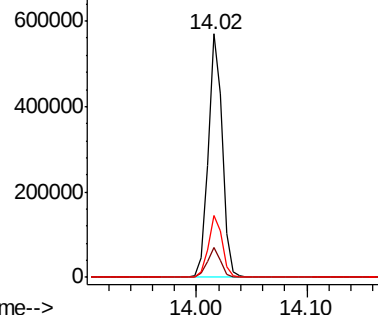
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
990

Tgt Ion:240 Resp: 510130
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.6
236 25.6 20.7 31.1

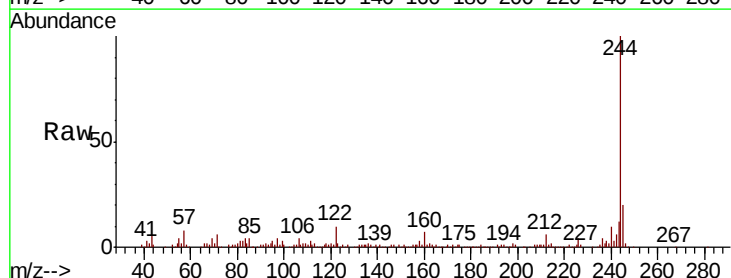


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

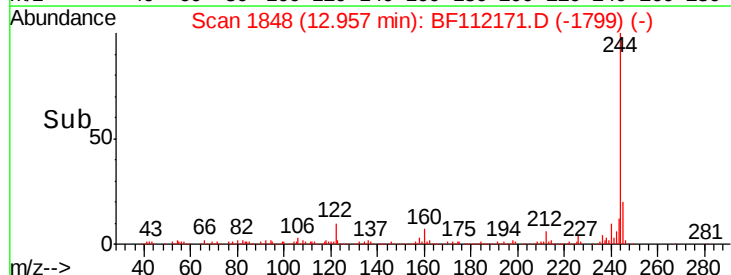
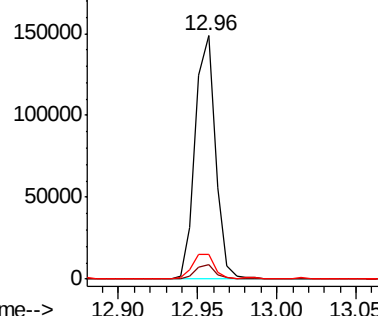


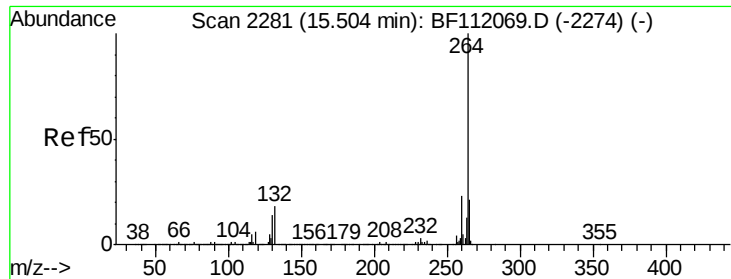
#79
Terphenyl-d14
Concen: 5.528 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Tgt Ion:244 Resp: 132567
Ion Ratio Lower Upper
244 100
212 6.2 5.9 8.9
122 10.0 9.8 14.6



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
990

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	20.4	17.0	25.4

