

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
 Data File : BF112683.D
 Acq On : 22 Feb 2019 23:49
 Operator : JU/SJ
 Sample : K1556-01RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP

Quant Time: Feb 23 01:31:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	76340	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	304376	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	131245	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	201600	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	144085	20.00	ng	-0.03
87) Perylene-d12	15.45	264	139891	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	395772	110.12	ng	-0.02
7) Phenol-d6	6.49	99	503983	100.92	ng	0.00
23) Nitrobenzene-d5	7.38	82	311560	58.98	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	115624	75.69	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	610138	65.75	ng	-0.04
79) Terphenyl-d14	12.92	244	398404	52.08	ng	-0.04

Target Compounds				Qvalue		
10) Phenol	6.50	94	16439	3.000	ng	# 81
19) n-Nitroso-di-n-propylamine	7.38	70	41017	11.911	ng	# 82
25) Isophorone	7.38	82	311560	37.596	ng	# 63
50) Dimethylphthalate	9.57	163	32366	3.174	ng	# 98
51) 2,6-Dinitrotoluene	9.85	165	16822	7.366	ng	# 35
52) Acenaphthene	9.88	154	23634	3.034	ng	96
55) Dibenzofuran	10.06	168	24994	2.099	ng	# 90
56) 4-Nitrophenol	10.06	139	10178	7.781	ng	# 12
57) 2,4-Dinitrotoluene	9.85	165	16822	5.786	ng	# 33
58) Fluorene	10.40	166	37902	4.254	ng	98
67) 4-Bromophenyl-phenylether	10.65	248	6817	2.875	ng	# 1
71) Phenanthrene	11.36	178	323560	30.871	ng	98
72) Anthracene	11.42	178	99273	9.509	ng	98
75) Fluoranthene	12.56	202	518025	46.082	ng	97
78) Pyrene	12.79	202	434306	43.537	ng	99
81) Benzo(a)anthracene	13.97	228	245581	28.994	ng	99
83) Chrysene	14.01	228	194807	24.095	ng	97
86) Indeno(1,2,3-cd)pyrene	16.94	276	108061	16.867	ng	# 93
88) Benzo(b)fluoranthene	15.02	252	401393	47.978	ng	99
89) Benzo(k)fluoranthene	15.02	252	401393	50.089	ng	99
90) Benzo(a)pyrene	15.39	252	215110	28.576	ng	98
91) Dibenzo(a,h)anthracene	16.93	278	26775	4.413	ng	# 92
92) Benzo(g,h,i)perylene	17.39	276	99059	17.306	ng	96

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

```
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Misc      :  
ALS Vial  : 13      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

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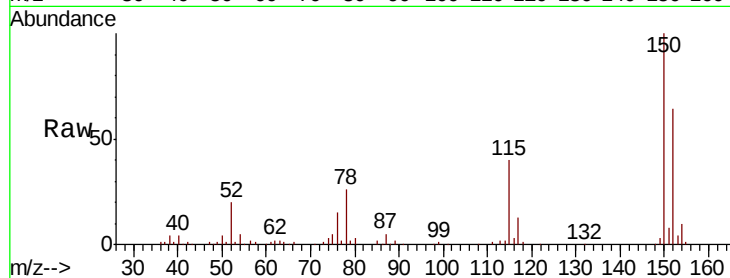
Tgt Ion:152 Resp: 76340

Ion Ratio Lower Upper

152 100

150 156.4 127.4 191.0

115 62.7 45.5 68.3

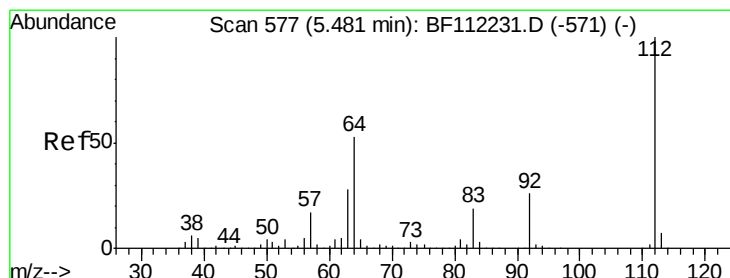
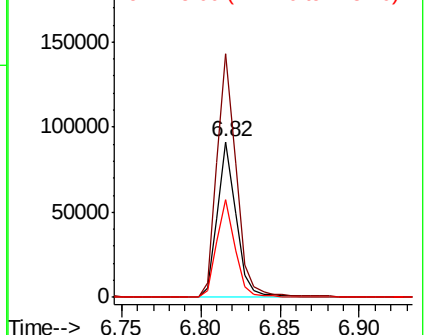
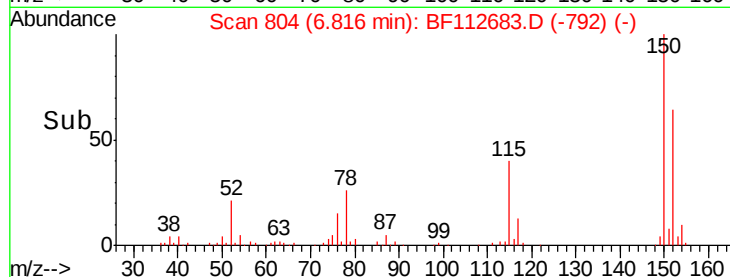


Abundance

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: 110.119 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

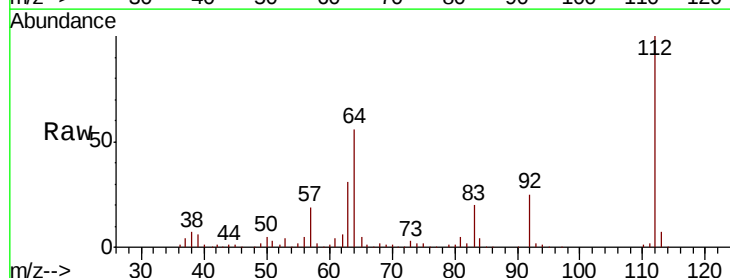
Tgt Ion:112 Resp: 395772

Ion Ratio Lower Upper

112 100

64 56.4 45.7 68.5

63 31.3 23.6 35.4

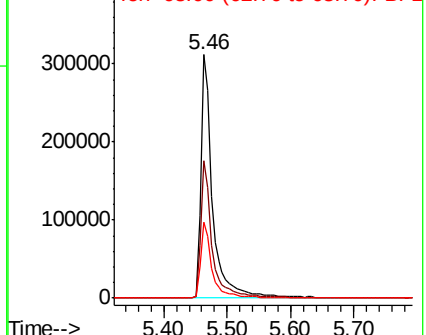
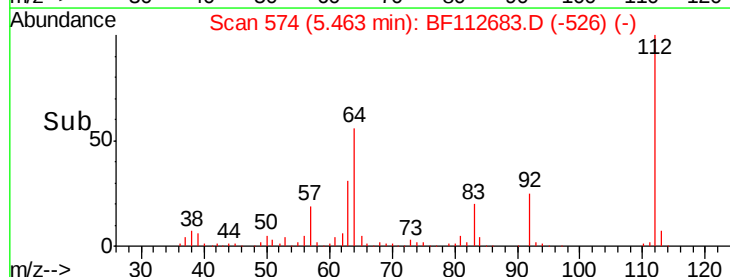


Abundance

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: 100.915 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

Instrument :

BNA_F

ClientSampleId :

COMP

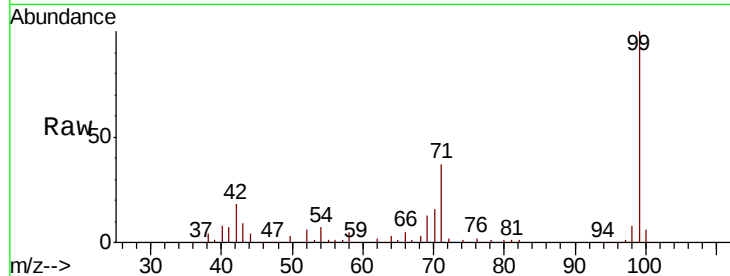
Tgt Ion: 99 Resp: 503983

Ion Ratio Lower Upper

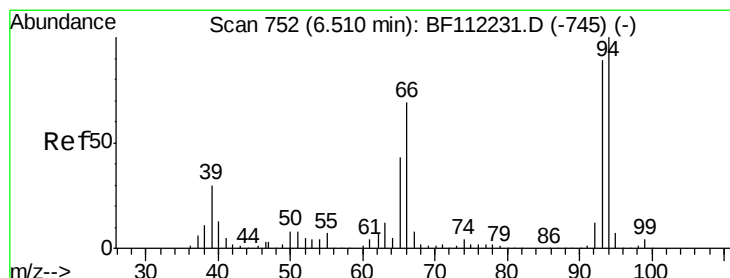
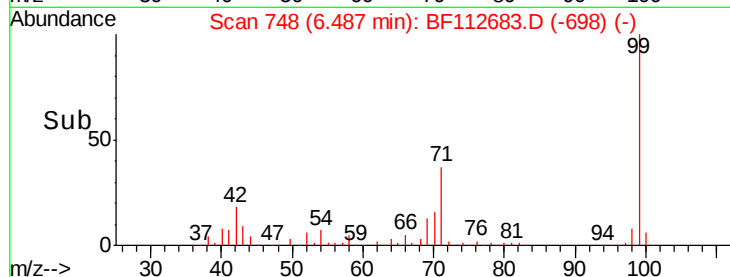
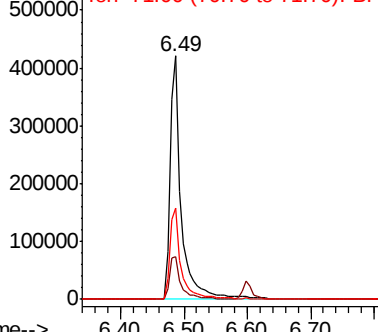
99 100

42 17.8 15.1 22.7

71 37.4 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: 3.000 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

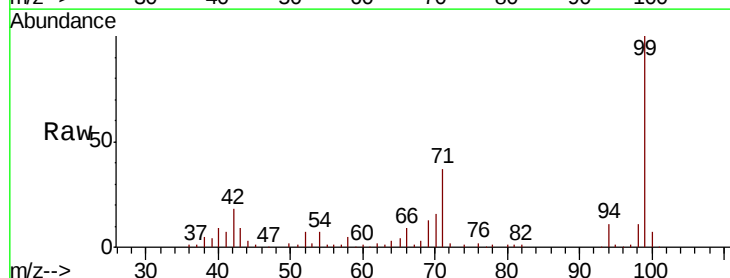
Tgt Ion: 94 Resp: 16439

Ion Ratio Lower Upper

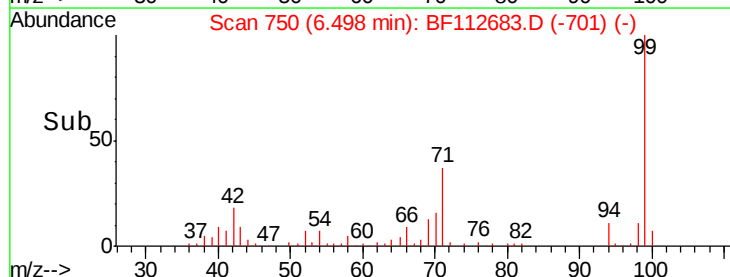
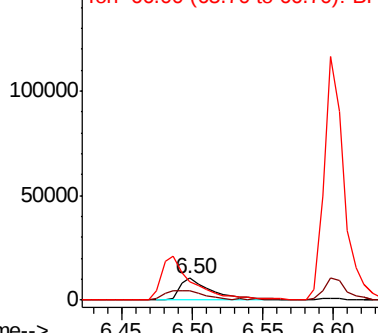
94 100

65 40.6 20.3 60.3

66 86.2 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

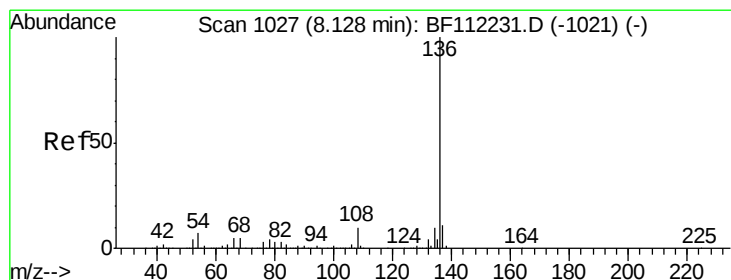
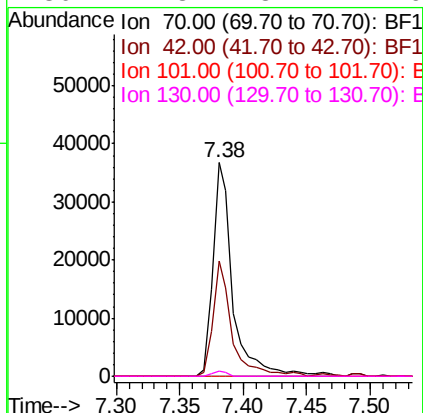
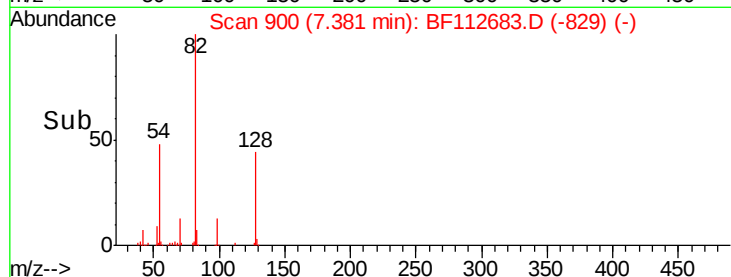
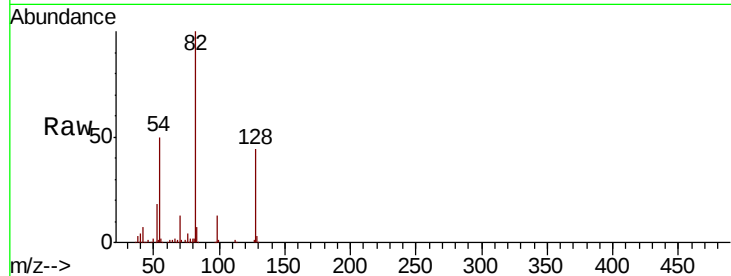




#19
n-Nitroso-di-n-propylamine
Concen: 11.911 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.12 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

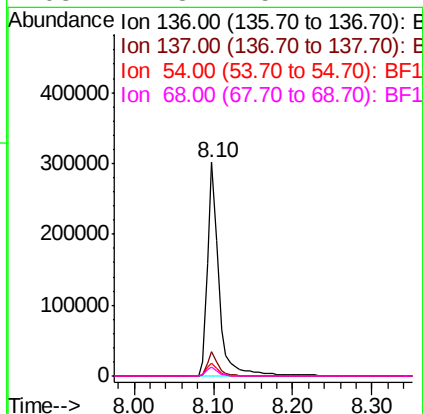
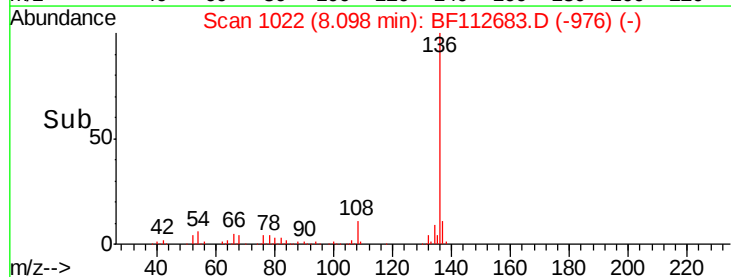
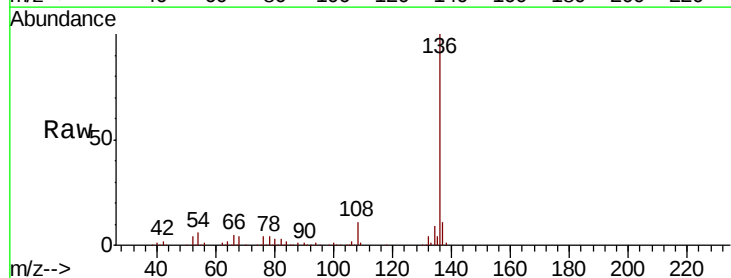
Instrument :
BNA_F
ClientSampleId :
COMP

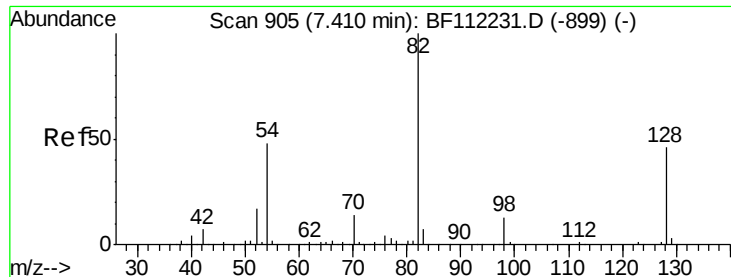
Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.6	71.4
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.1	5.9	8.9
68	4.3	5.1	7.7#

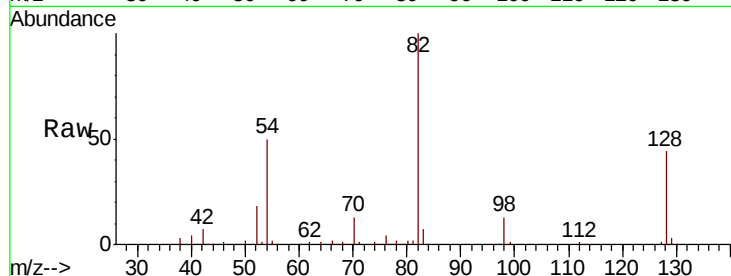




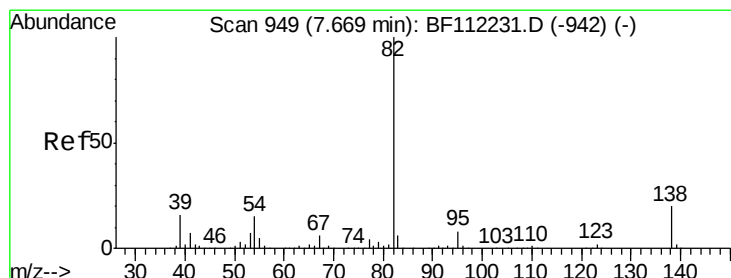
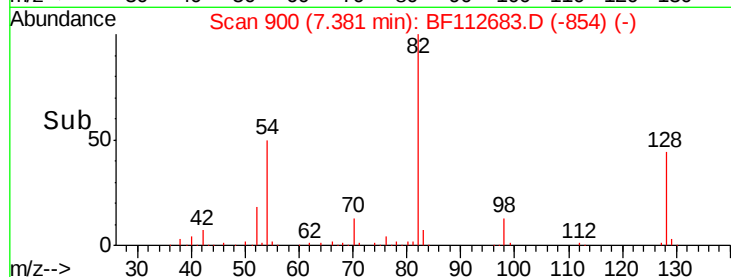
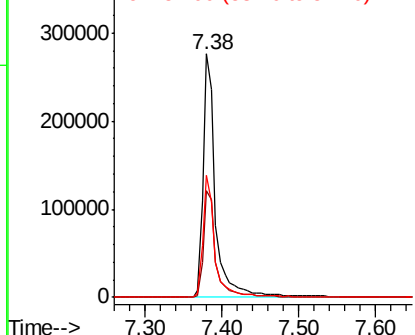
#23
Nitrobenzene-d5
Concen: 58.980 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion: 82 Resp: 311560
Ion Ratio Lower Upper
82 100
128 43.6 37.8 56.8
54 50.2 39.7 59.5

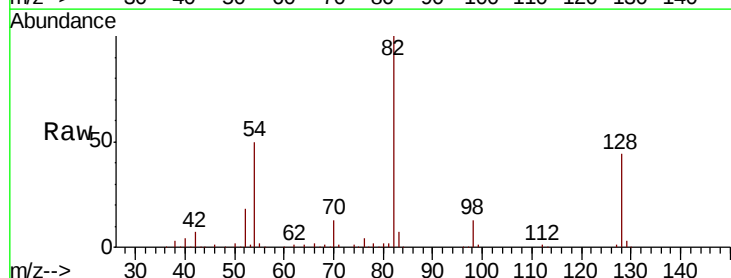


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

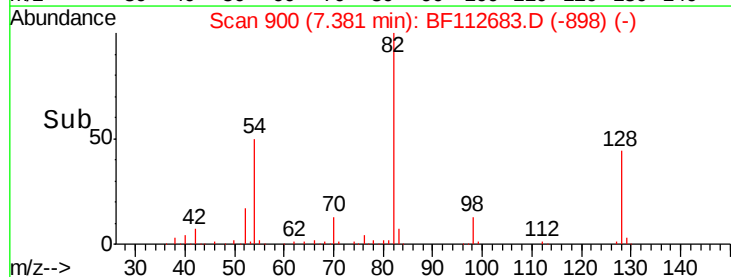
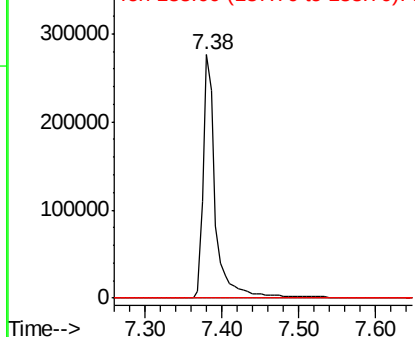


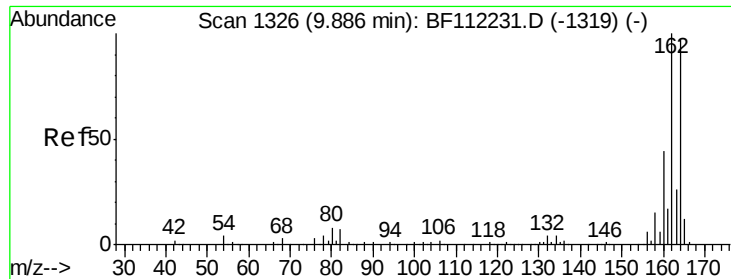
#25
Isophorone
Concen: 37.596 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.29 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Tgt Ion: 82 Resp: 311560
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: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

Instrument :

BNA_F

ClientSampleId :

COMP

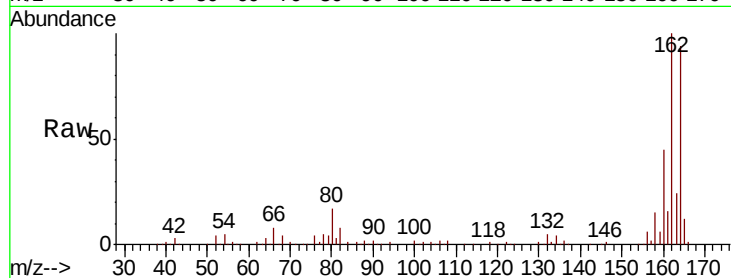
Tgt Ion:164 Resp: 131245

Ion Ratio Lower Upper

164 100

162 106.1 82.2 123.4

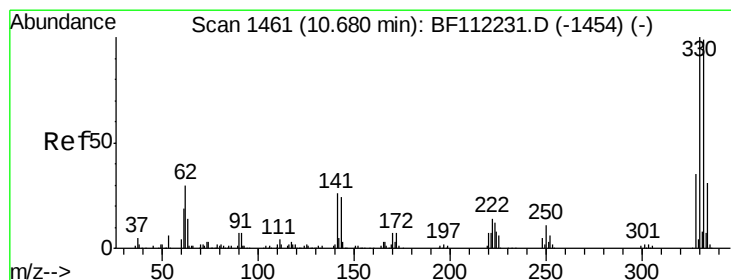
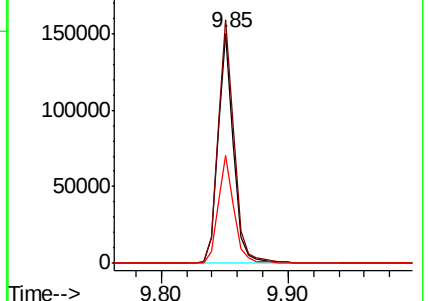
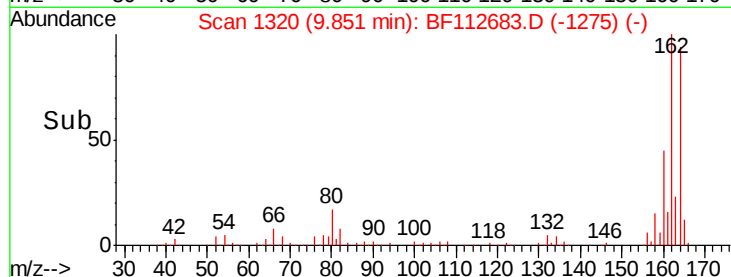
160 47.2 36.2 54.4



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: 75.687 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.03 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

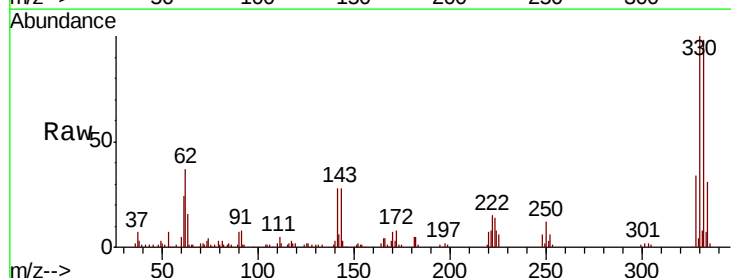
Tgt Ion:330 Resp: 115624

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

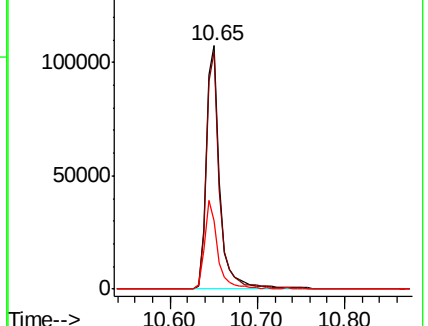
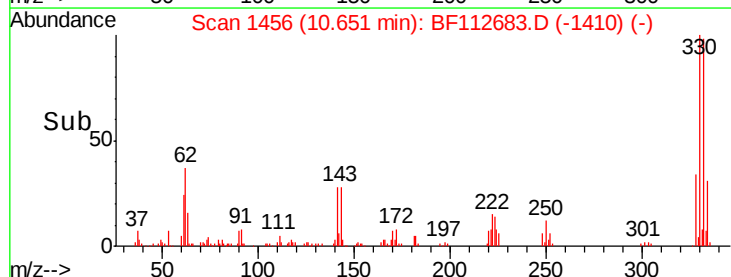
141 35.4 24.3 36.5



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

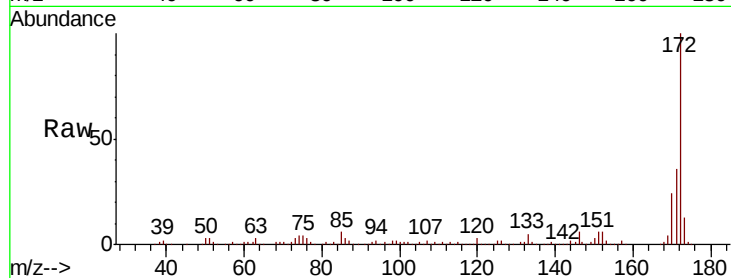




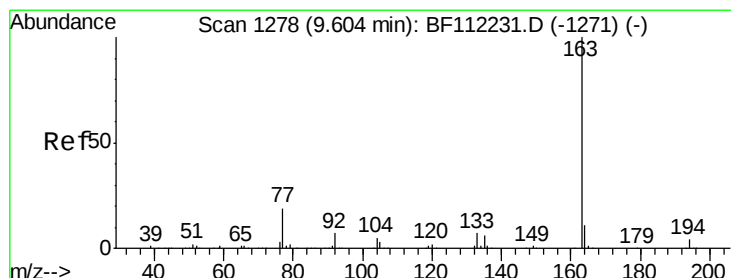
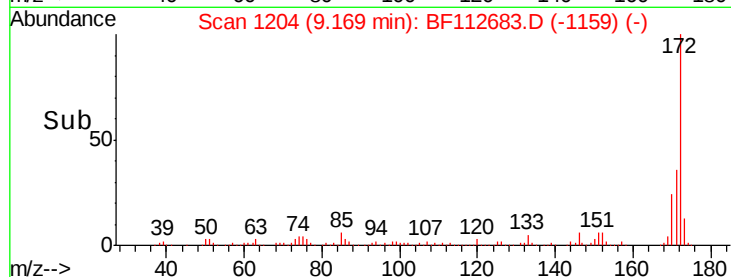
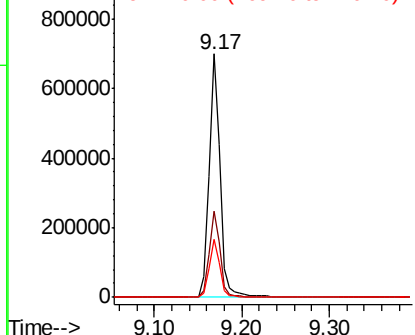
#45
2-Fluorobiphenyl
Concen: 65.750 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:172 Resp: 610138
Ion Ratio Lower Upper
172 100
171 35.6 30.5 45.7
170 23.9 20.2 30.4

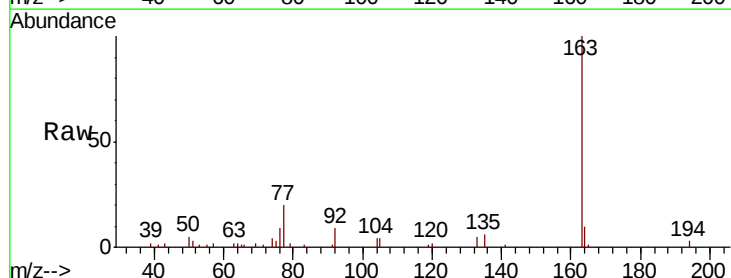


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

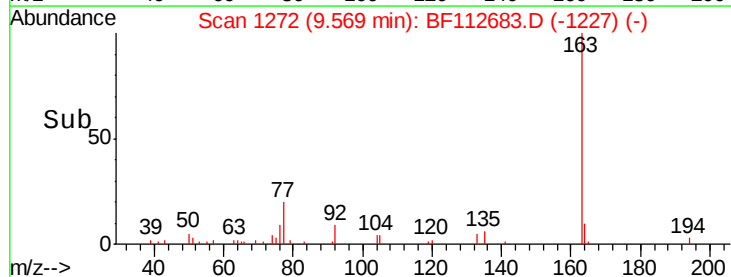
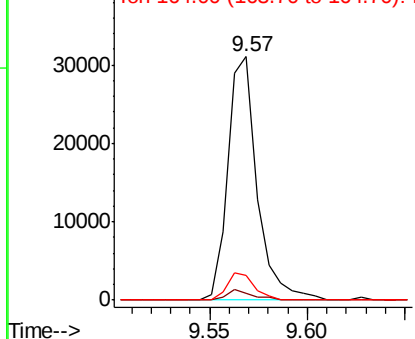


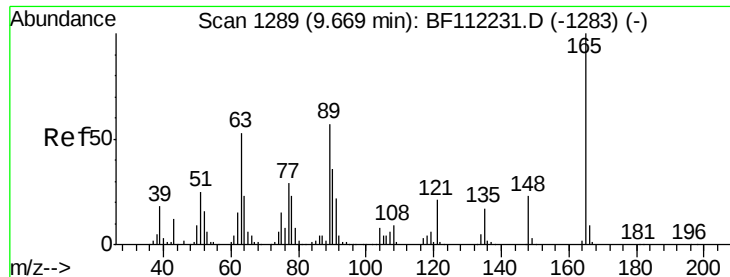
#50
Dimethylphthalate
Concen: 3.174 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Tgt Ion:163 Resp: 32366
Ion Ratio Lower Upper
163 100
194 2.7 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





#51

2,6-Dinitrotoluene

Concen: 7.366 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.18 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

Instrument :

BNA_F

ClientSampleId :

COMP

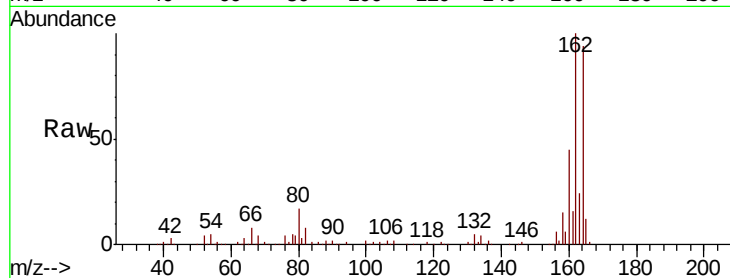
Tgt Ion:165 Resp: 16822

Ion Ratio Lower Upper

165 100

63 2.3 33.8 50.8#

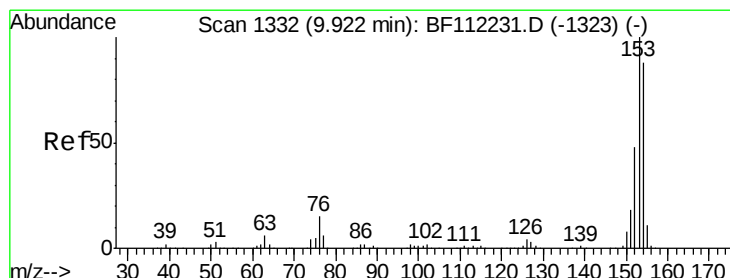
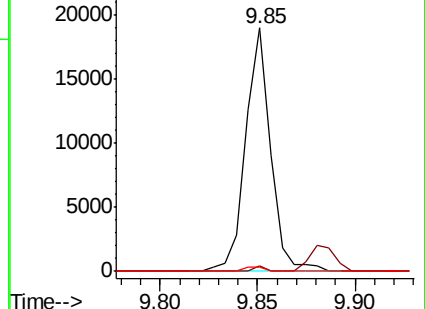
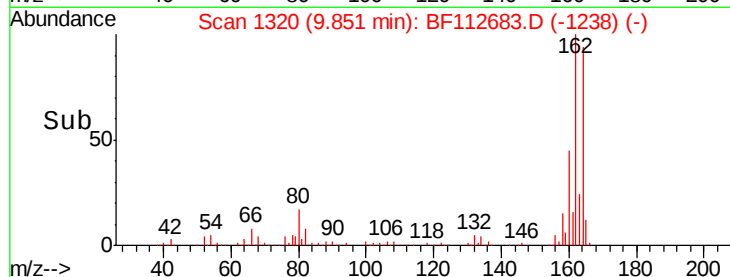
89 1.9 36.9 55.3#



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



#52

Acenaphthene

Concen: 3.034 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.04 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

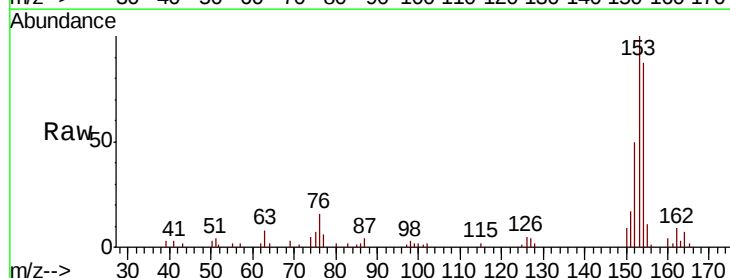
Tgt Ion:154 Resp: 23634

Ion Ratio Lower Upper

154 100

153 115.3 89.8 134.6

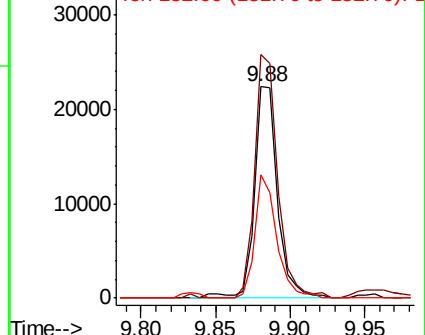
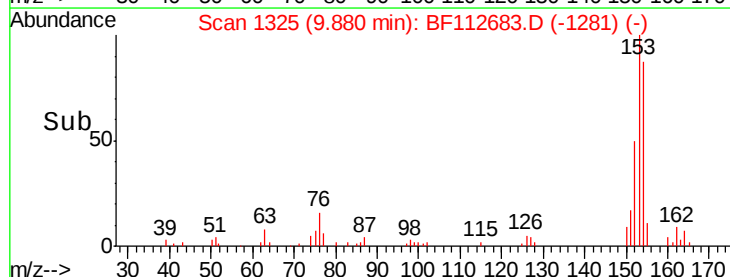
152 58.2 43.5 65.3

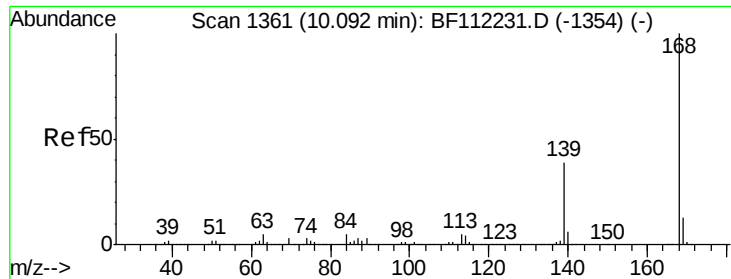


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

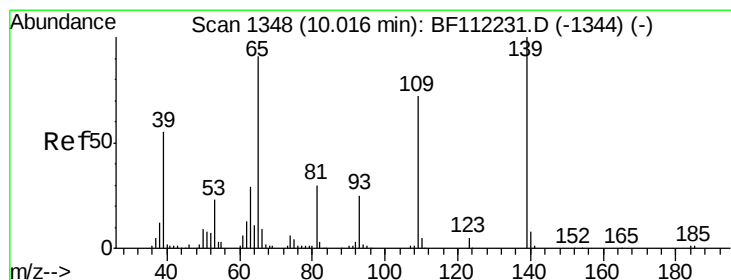
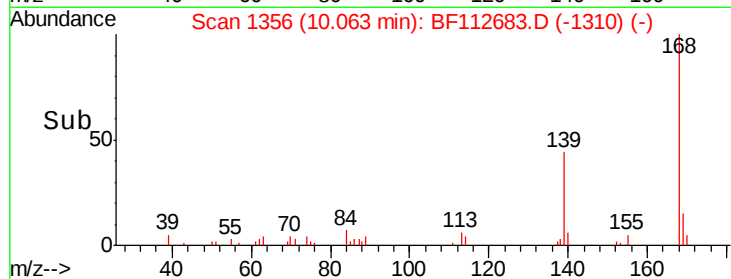
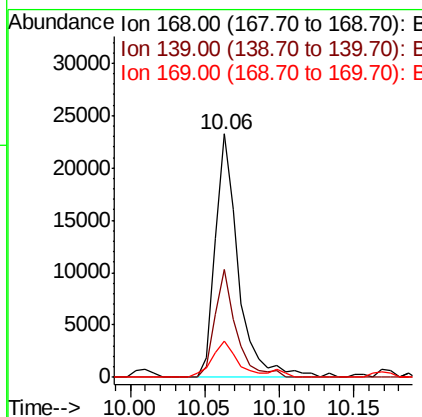
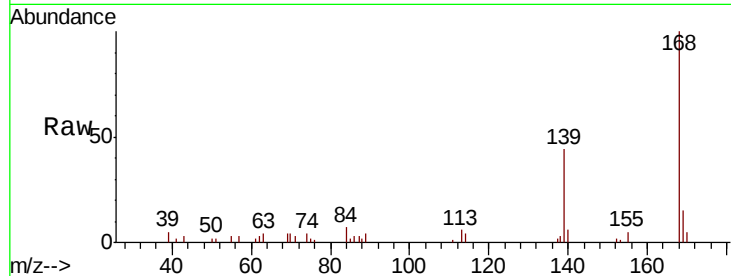




#55
Dibenzenofuran
Concen: 2.099 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

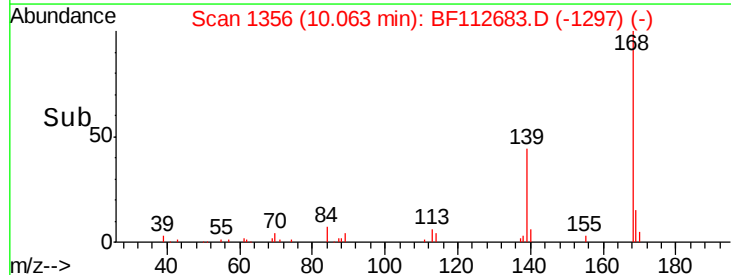
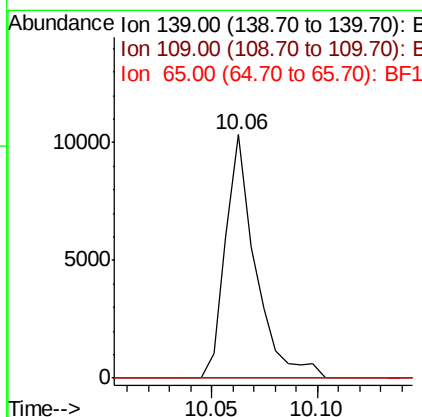
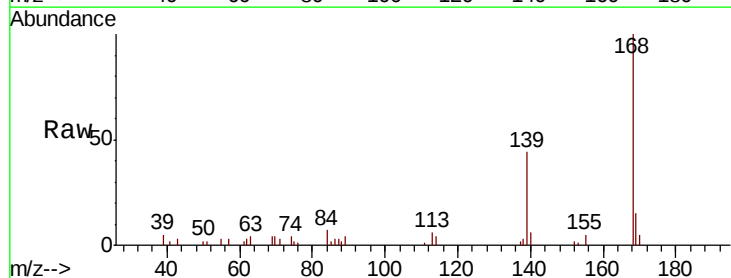
Instrument :
BNA_F
ClientSampleId :
COMP

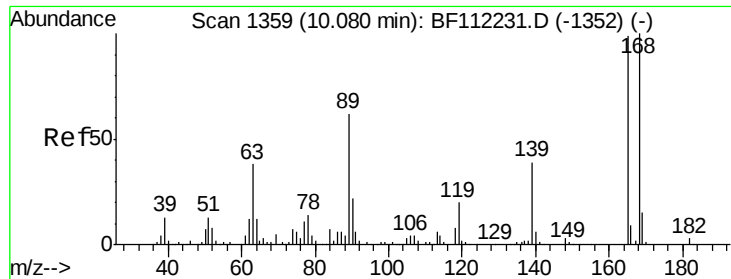
Tgt Ion:168 Resp: 24994
Ion Ratio Lower Upper
168 100
139 44.5 29.2 43.8#
169 14.9 11.4 17.0



#56
4-Nitrophenol
Concen: 7.781 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.05 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Tgt Ion:139 Resp: 10178
Ion Ratio Lower Upper
139 100
109 0.0 42.8 82.8#
65 0.0 66.1 106.1#

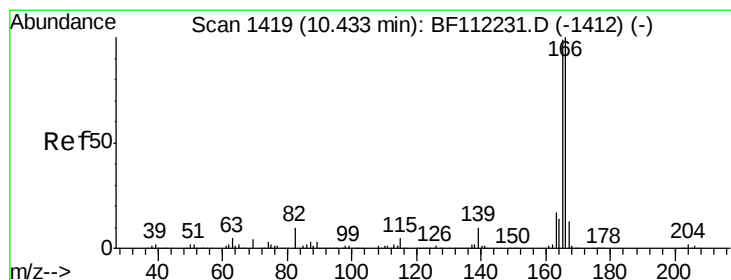
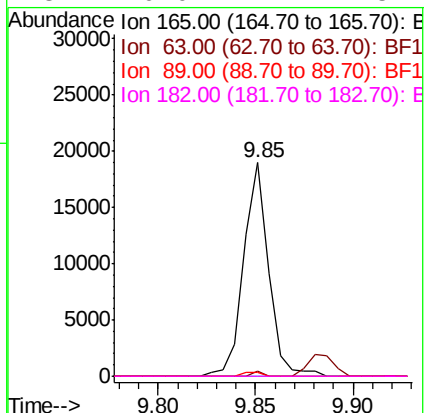
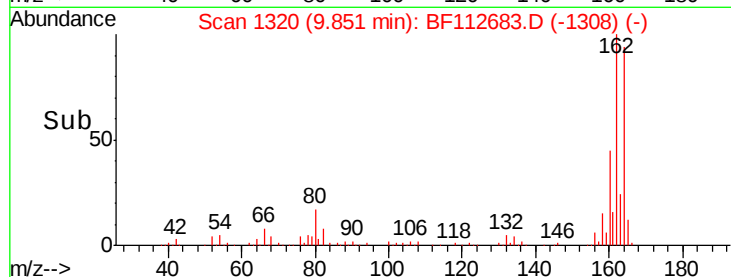
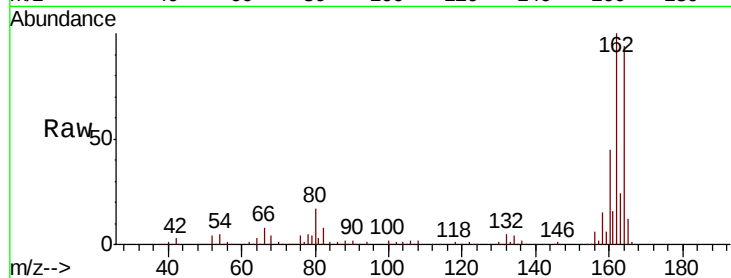




#57
2,4-Dinitrotoluene
Concen: 5.786 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.23 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

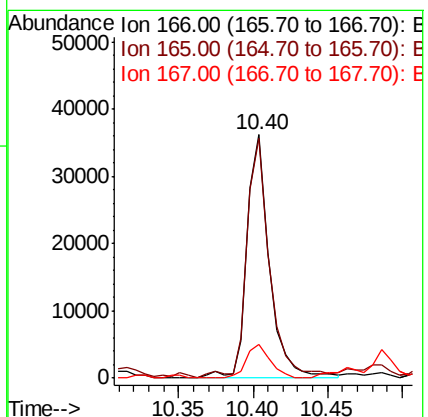
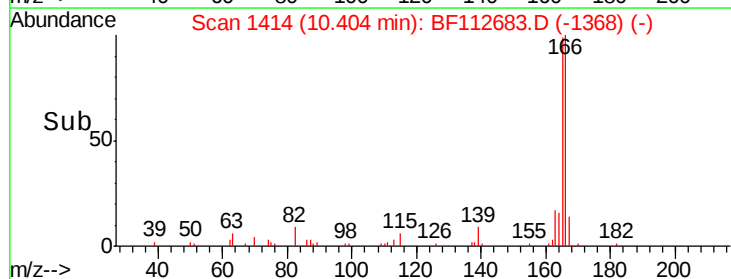
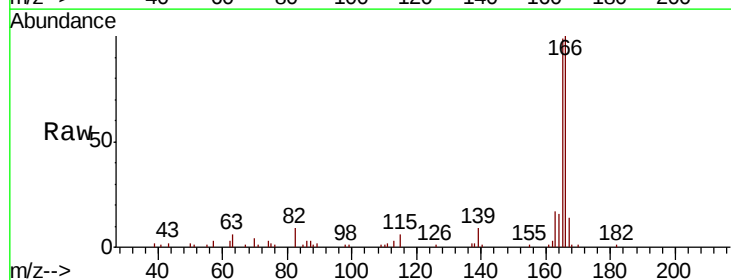
Instrument :
BNA_F
ClientSampleId :
COMP

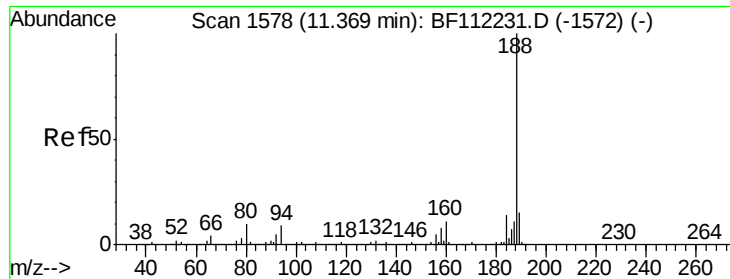
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	16822		
63	2.3	27.9	41.9#	
89	1.9	47.9	71.9#	
182	0.0	2.2	3.4#	



#58
Fluorene
Concen: 4.254 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	37902		
165	98.7	77.1	115.7	
167	13.9	11.3	16.9	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

Instrument :

BNA_F

ClientSampleId :

COMP

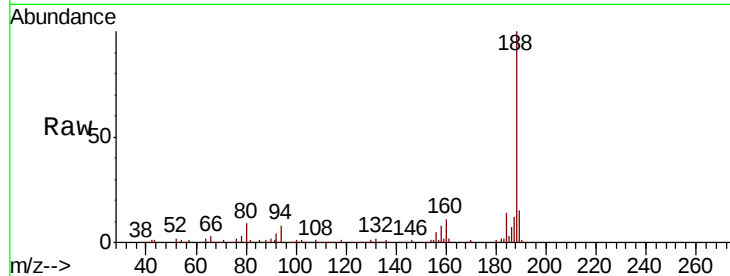
Tgt Ion:188 Resp: 201600

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.2#

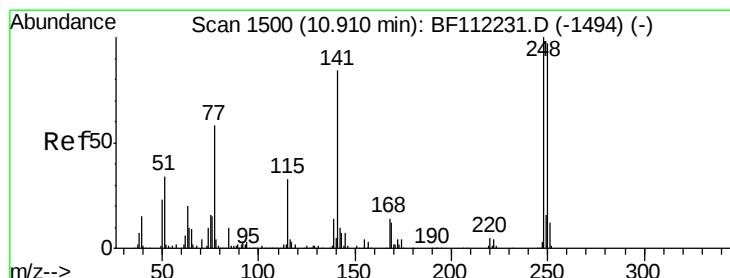
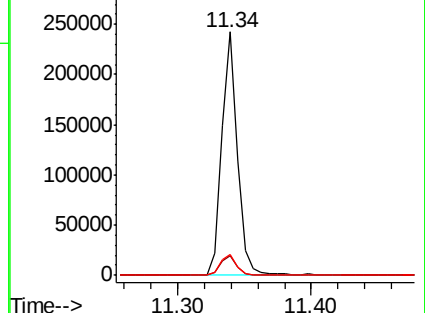
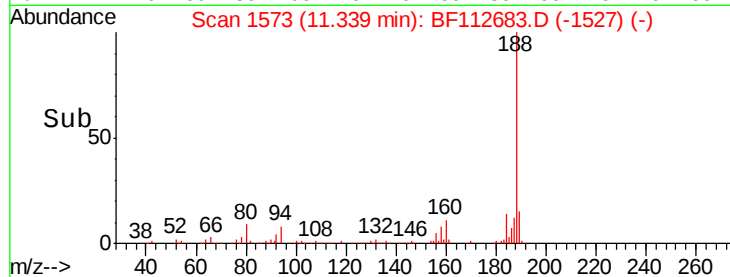
80 8.6 8.9 13.3#



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



#67

4-Bromophenyl-phenylether

Concen: 2.875 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.26 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

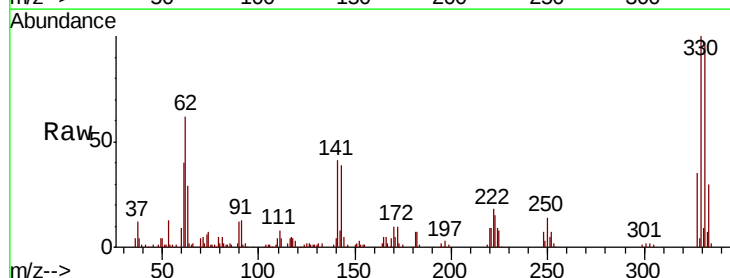
Tgt Ion:248 Resp: 6817

Ion Ratio Lower Upper

248 100

250 189.0 79.7 119.5#

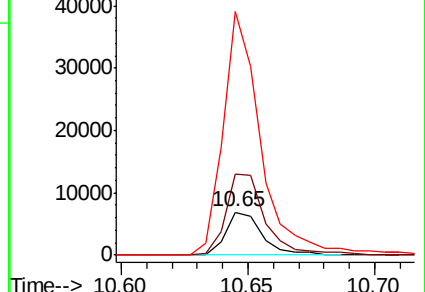
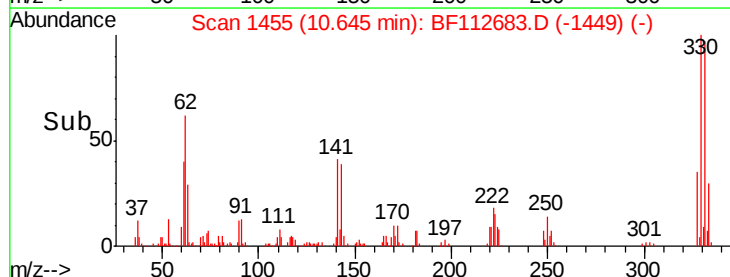
141 565.9 60.3 90.5#

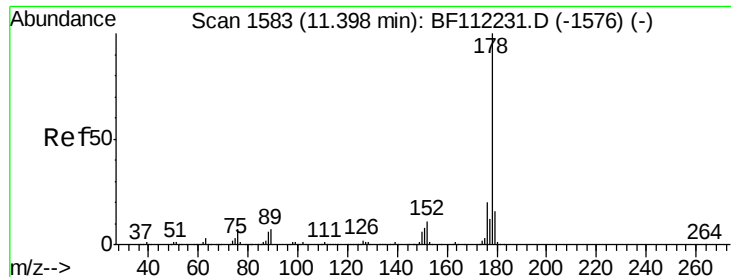


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

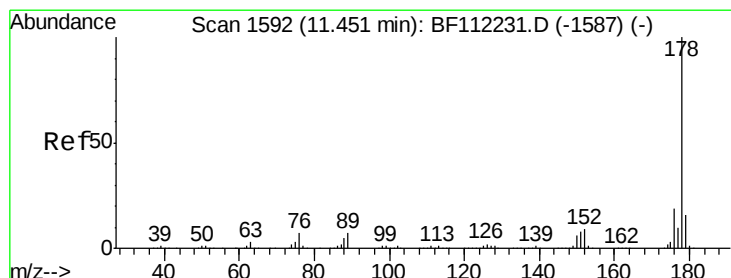
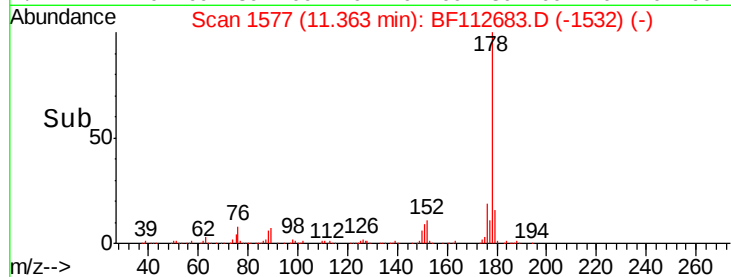
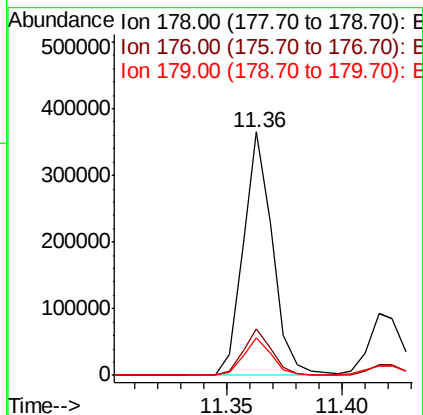
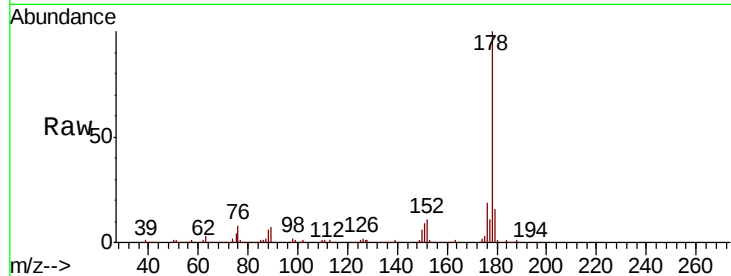




#71
Phenanthrene
Concen: 30.871 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

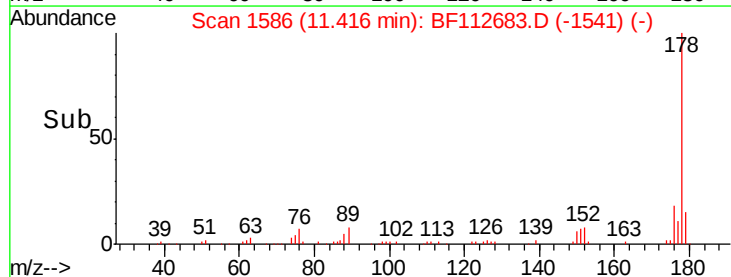
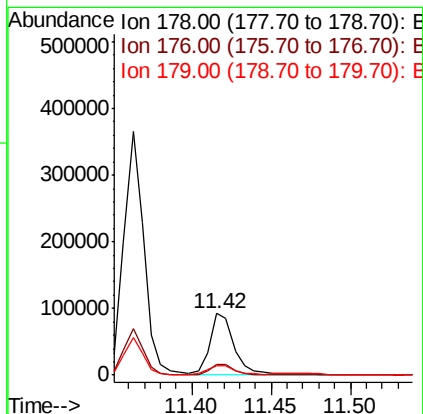
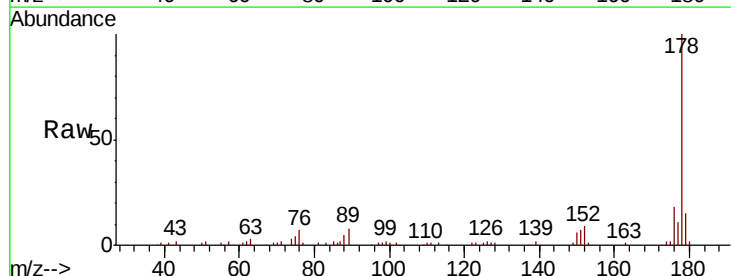
Instrument :
BNA_F
ClientSampled :
COMP

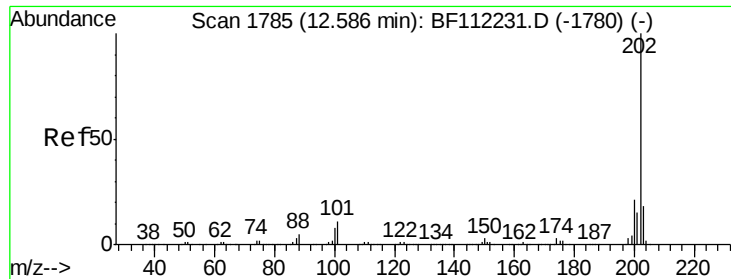
Tgt Ion:178 Resp: 323560
Ion Ratio Lower Upper
178 100
176 19.0 16.3 24.5
179 15.6 13.0 19.4



#72
Anthracene
Concen: 9.509 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.04 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Tgt Ion:178 Resp: 99273
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 15.1 12.8 19.2





#75

Fluoranthene

Concen: 46.082 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.03 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

Instrument :

BNA_F

ClientSampleId :

COMP

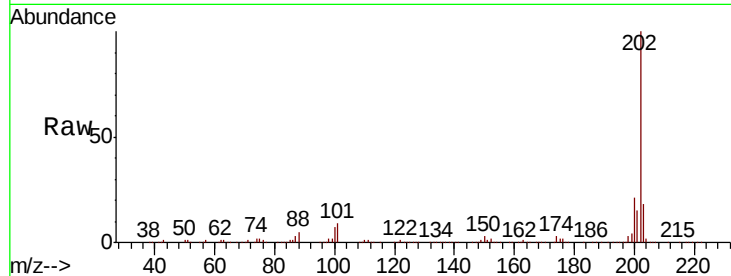
Tgt Ion:202 Resp: 518025

Ion Ratio Lower Upper

202 100

101 9.5 0.0 31.8

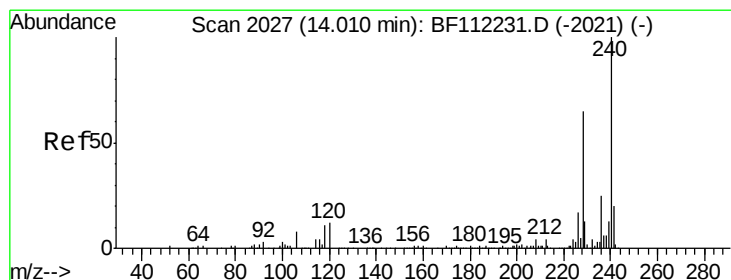
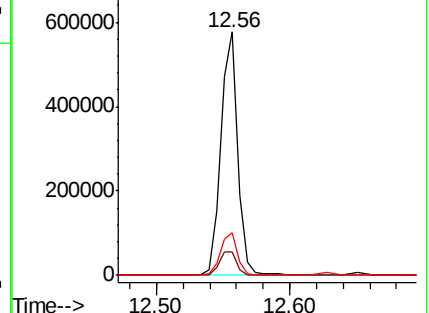
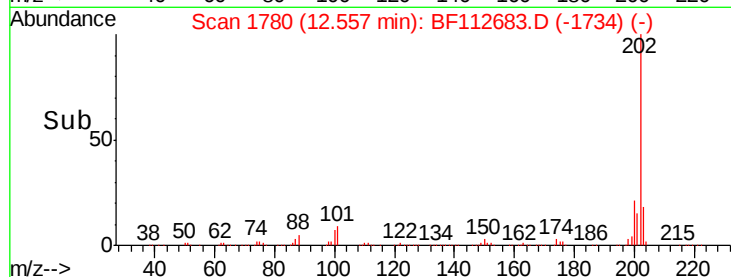
203 17.7 0.0 38.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

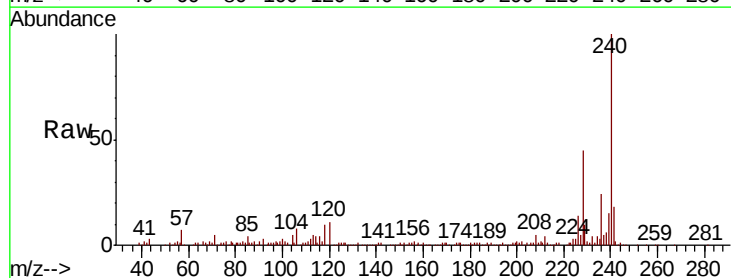
Tgt Ion:240 Resp: 144085

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

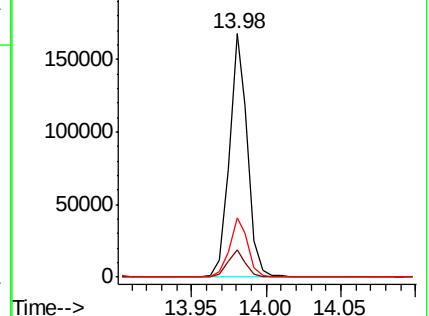
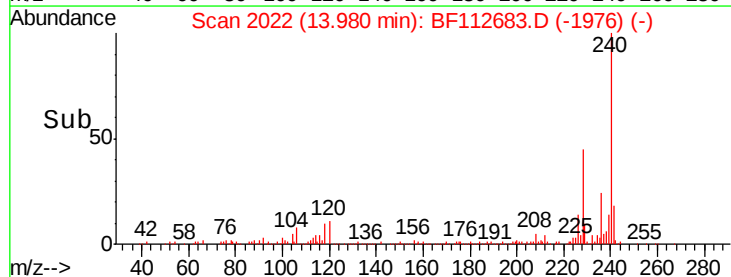
236 24.3 20.7 31.1

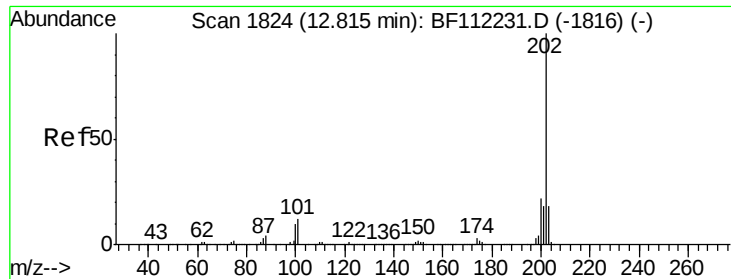


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

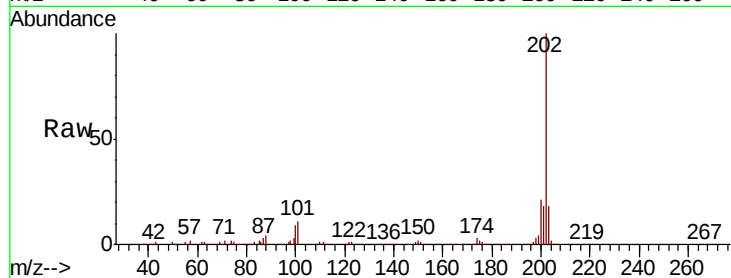




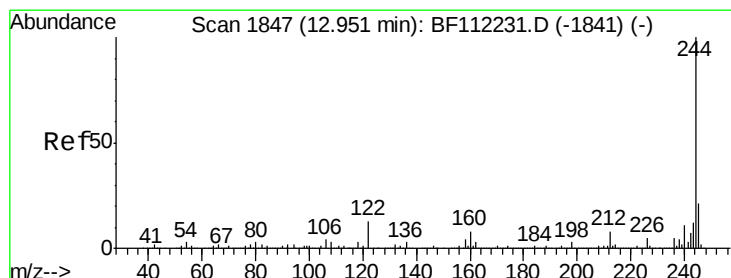
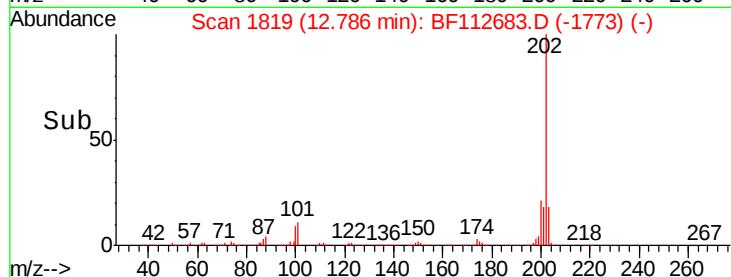
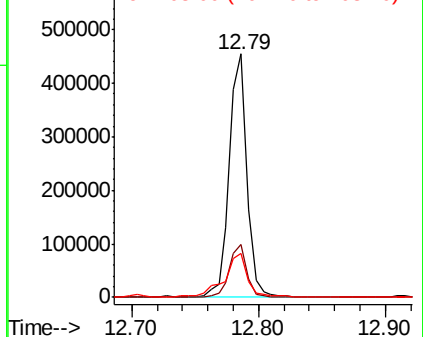
#78
Pyrene
Concen: 43.537 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.03 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion: 202 Resp: 434306
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 18.0 14.6 22.0

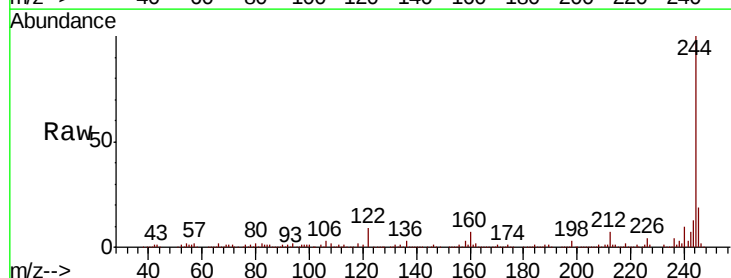


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

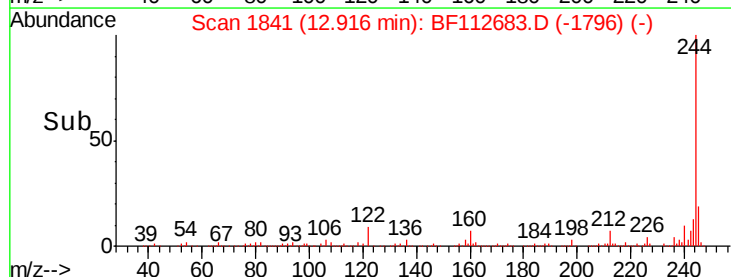
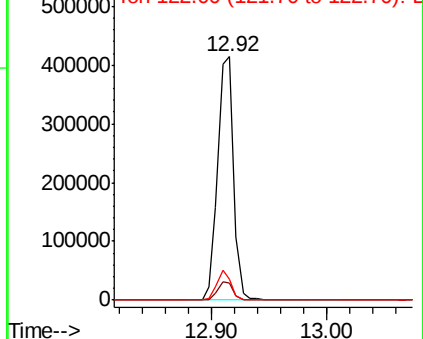


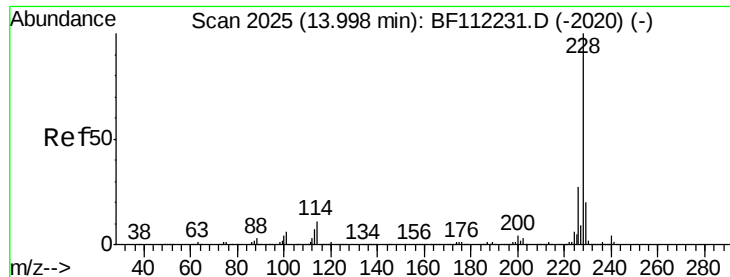
#79
Terphenyl-d14
Concen: 52.078 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.04 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Tgt Ion: 244 Resp: 398404
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.8 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

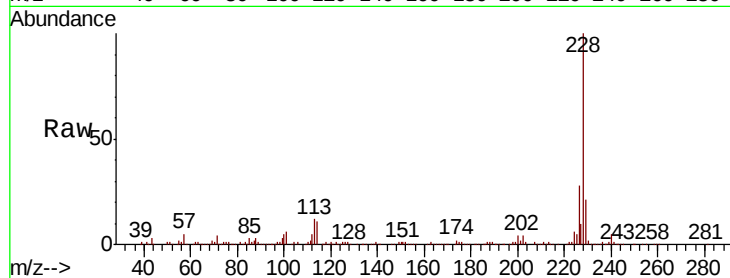




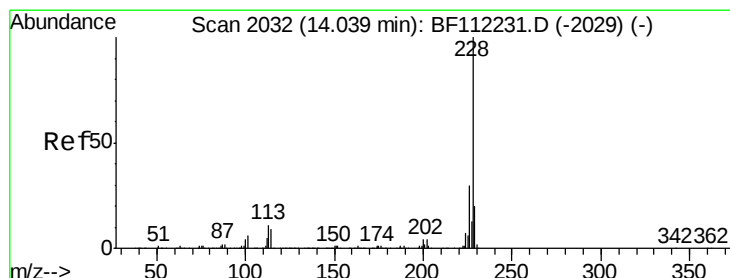
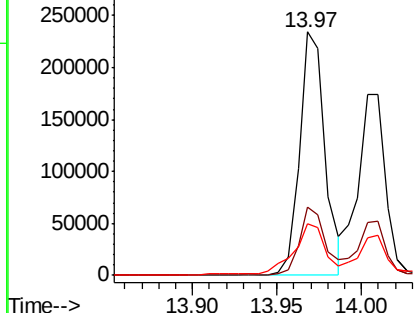
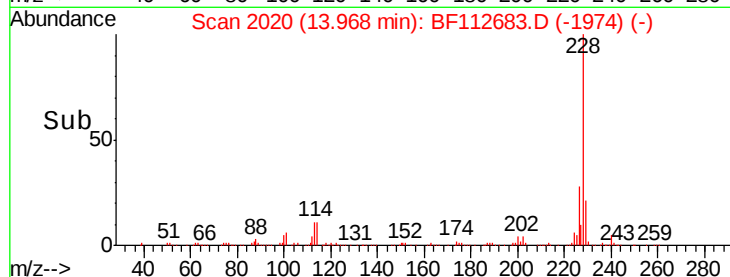
#81
Benzo(a)anthracene
Concen: 28.994 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:228 Resp: 245581
Ion Ratio Lower Upper
228 100
226 28.2 22.6 34.0
229 21.2 16.5 24.7

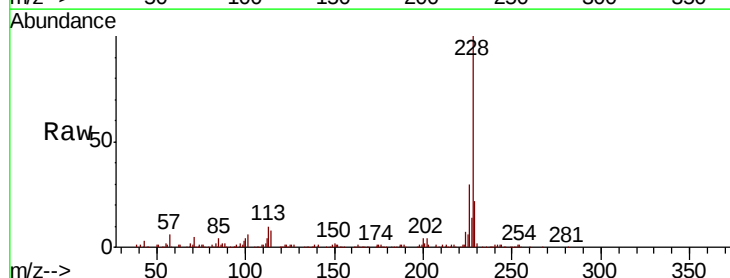


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

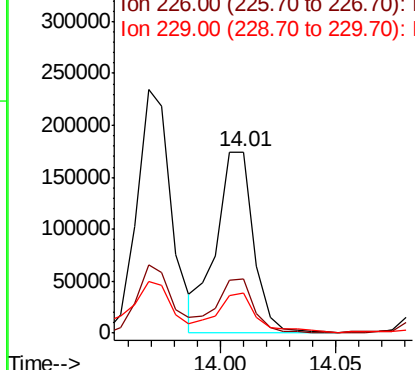
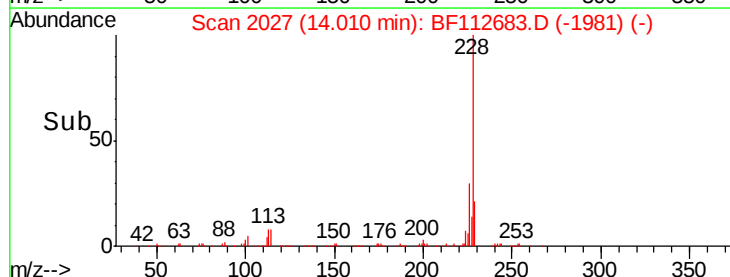


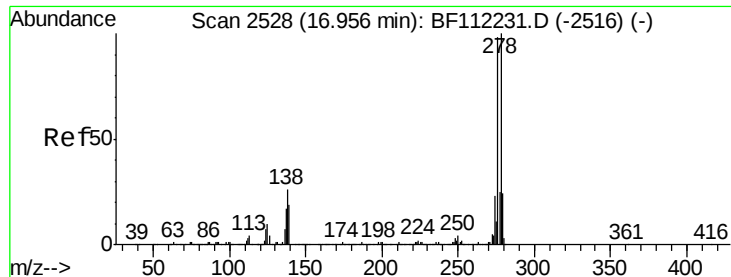
#83
Chrysene
Concen: 24.095 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.03 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Tgt Ion:228 Resp: 194807
Ion Ratio Lower Upper
228 100
226 30.1 25.0 37.6
229 22.1 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

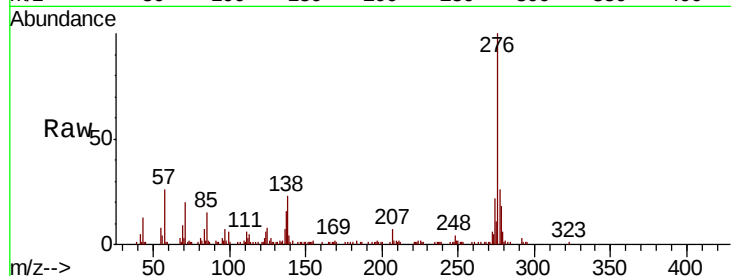




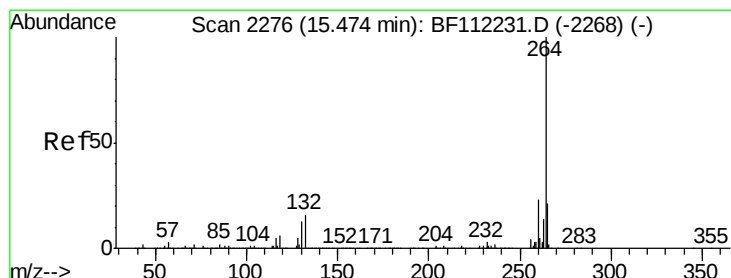
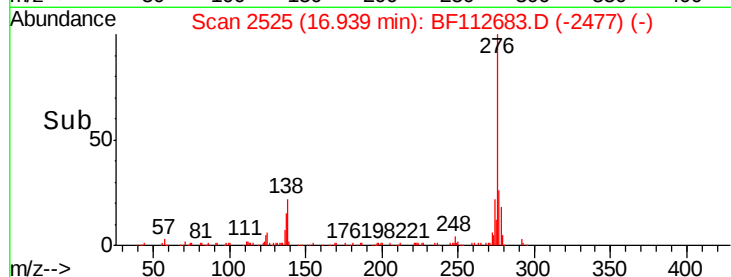
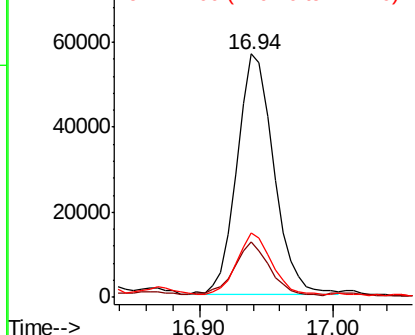
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 16.867 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BF112683.D
 Acq: 22 Feb 2019 23:49

Instrument :
 BNA_F
 ClientSampleId :
 COMP

Tgt Ion:276 Resp: 108061
 Ion Ratio Lower Upper
 276 100
 138 22.5 22.6 34.0#
 277 23.8 20.3 30.5

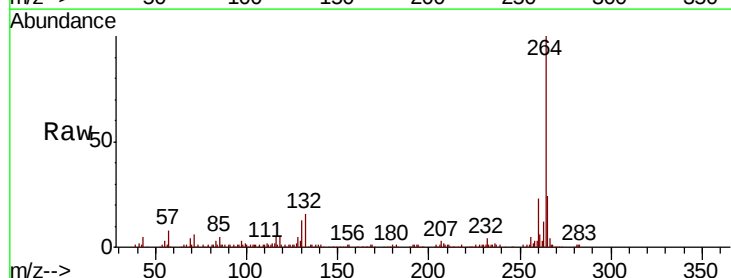


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

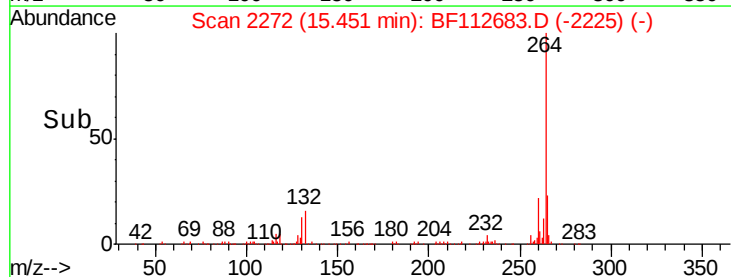
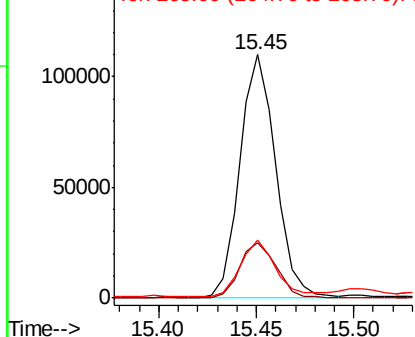


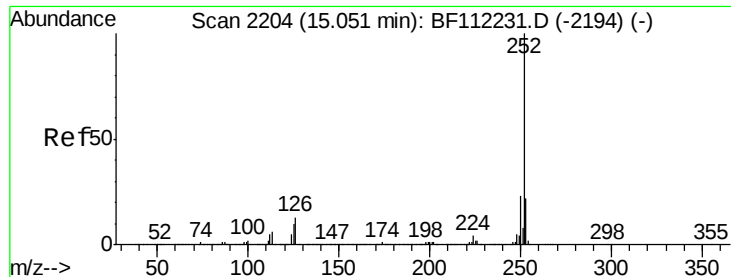
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF112683.D
 Acq: 22 Feb 2019 23:49

Tgt Ion:264 Resp: 139891
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 23.8 17.0 25.4



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

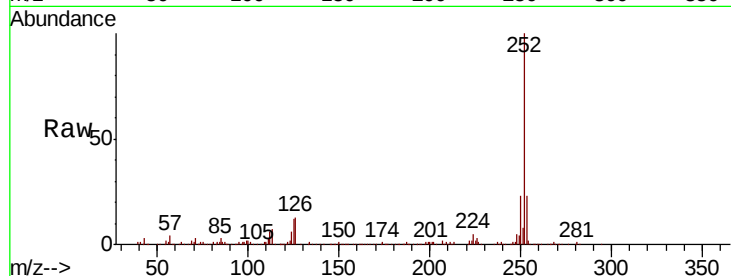




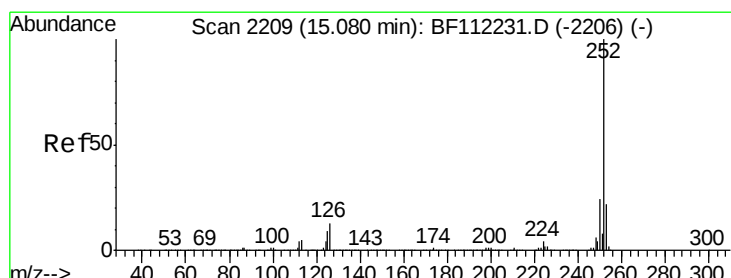
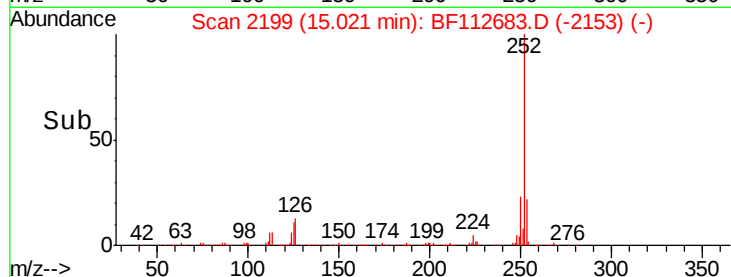
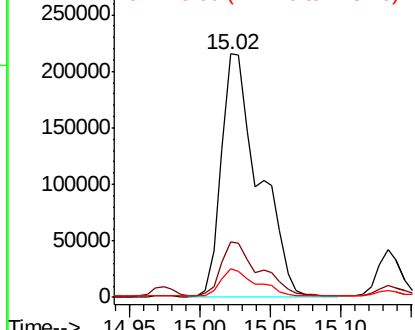
#88
Benzo(b)fluoranthene
Concen: 47.978 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Instrument :
BNA_F
ClientSampleId :
COMP

Tgt Ion:252 Resp: 401393
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 11.7 8.7 13.1

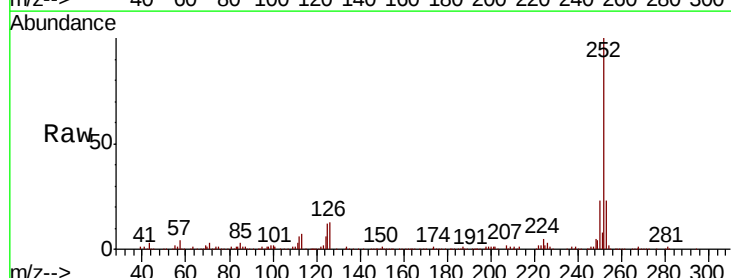


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

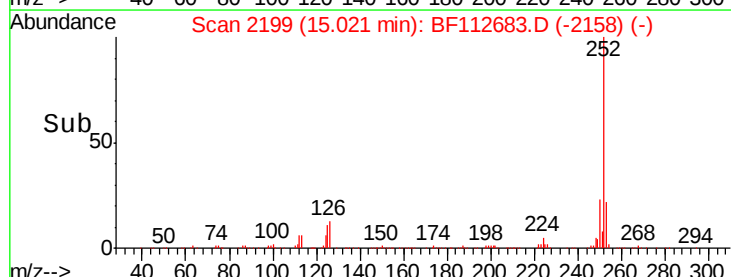
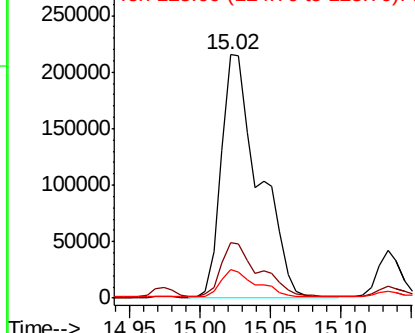


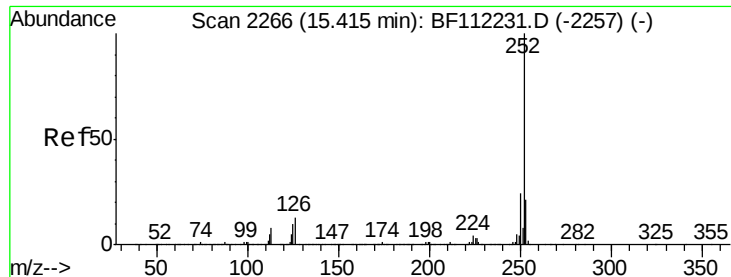
#89
Benzo(k)fluoranthene
Concen: 50.089 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.06 min
Lab File: BF112683.D
Acq: 22 Feb 2019 23:49

Tgt Ion:252 Resp: 401393
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 11.7 9.1 13.7



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

Benzo(a)pyrene

Concen: 28.576 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

Instrument :

BNA_F

ClientSampleId :

COMP

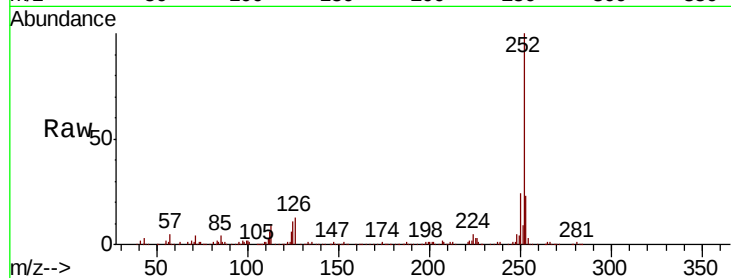
Tgt Ion:252 Resp: 215110

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

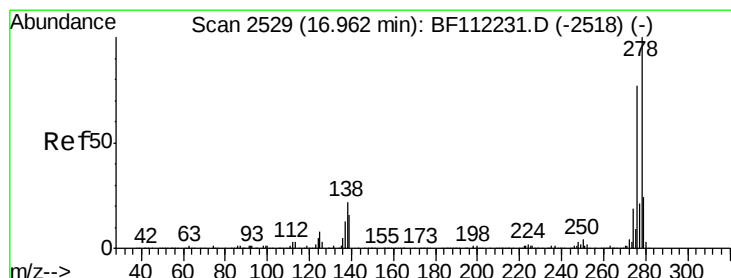
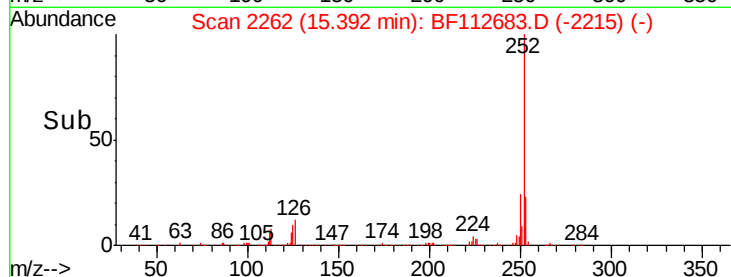
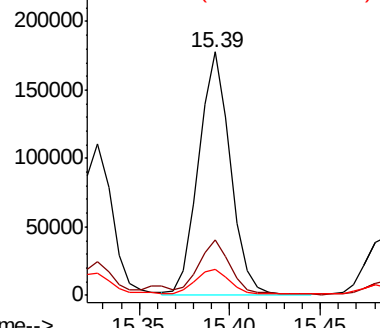
125 10.9 9.0 13.4



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



#91

Dibenzo(a,h)anthracene

Concen: 4.413 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.04 min

Lab File: BF112683.D

Acq: 22 Feb 2019 23:49

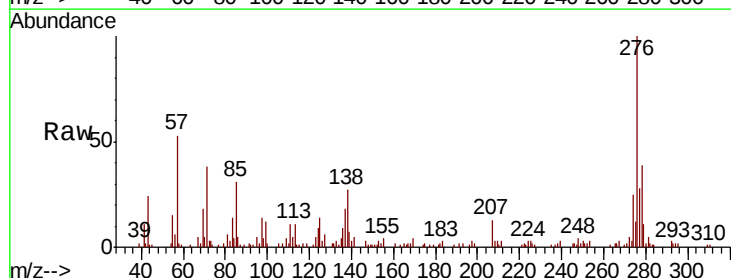
Tgt Ion:278 Resp: 26775

Ion Ratio Lower Upper

278 100

139 18.0 13.7 20.5

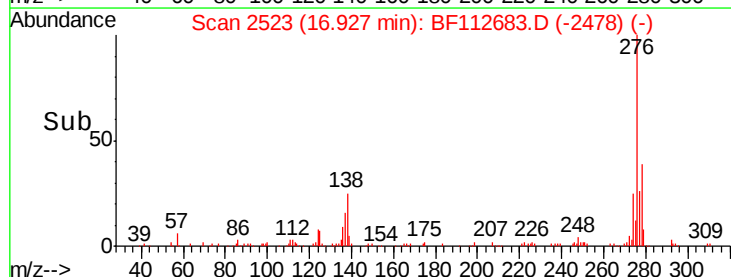
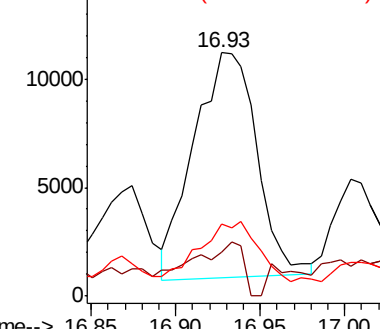
279 29.6 19.0 28.6#

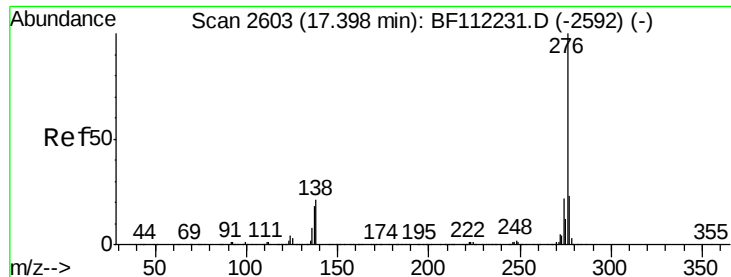


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

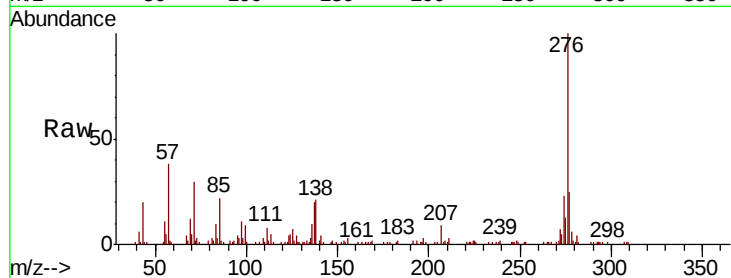




#92
 Benzo(g,h,i)perylene
 Concen: 17.306 ng
 RT: 17.39 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BF112683.D
 Acq: 22 Feb 2019 23:49

Instrument :
 BNA_F
 ClientSampleId :
 COMP

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	20.6	19.1	28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

