

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113166.D
 Acq On : 20 Mar 2019 12:50
 Operator : JU/SJ
 Sample : K1971-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:20:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117881	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	493690	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	208008	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	435613	20.00	ng	0.00
76) Chrysene-d12	13.87	240	317045	20.00	ng	0.00
87) Perylene-d12	15.27	264	339796	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	912189	120.37	ng	0.00
7) Phenol-d6	6.37	99	1110428	116.65	ng	0.00
23) Nitrobenzene-d5	7.28	82	731700	88.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	341573	154.68	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1284187	111.20	ng	0.00
79) Terphenyl-d14	12.82	244	1158159	70.81	ng	0.00

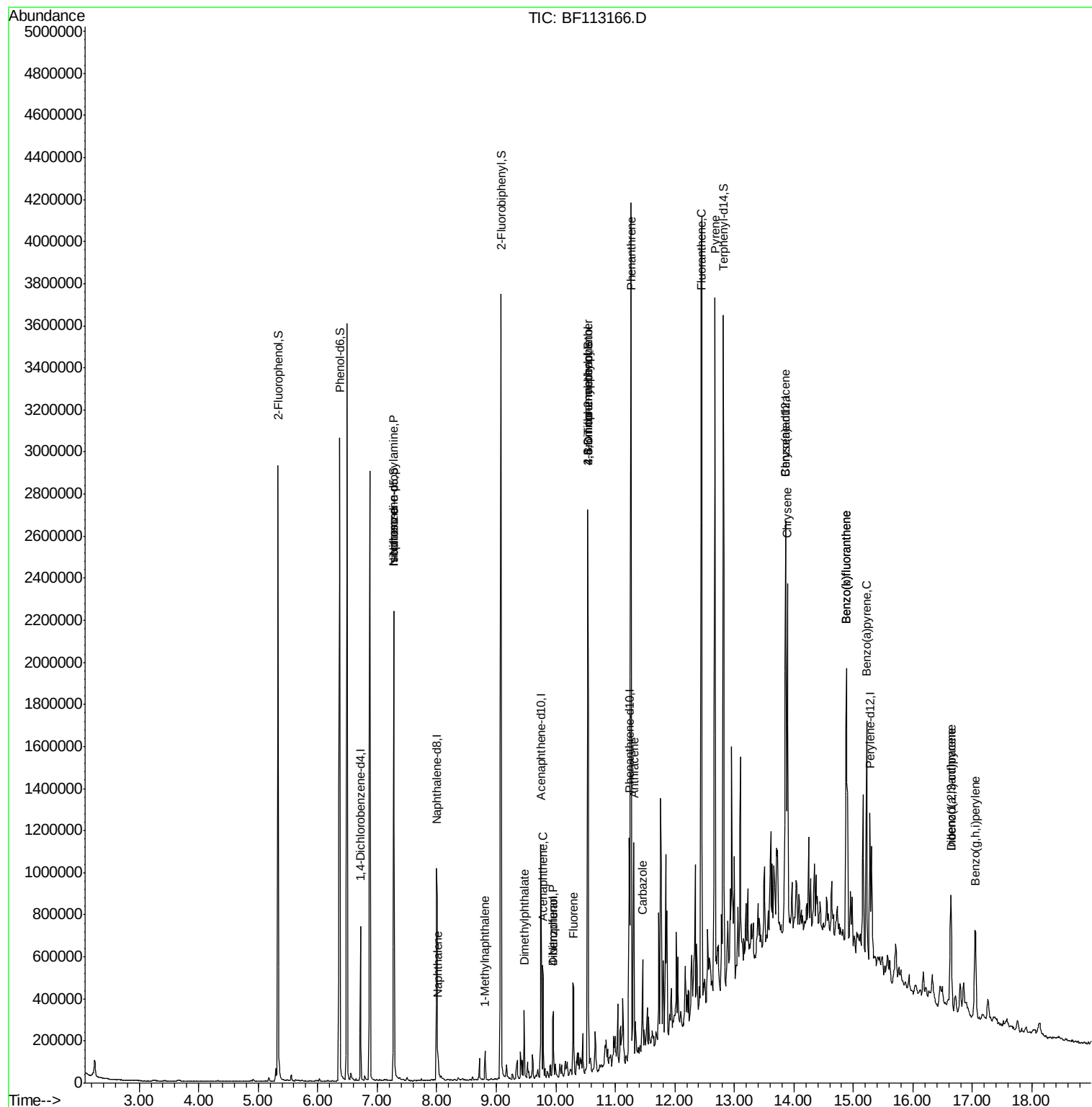
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.28	70	96733	16.045	ng	# 76
25) Isophorone	7.28	82	714485	40.198	ng	# 65
31) Naphthalene	8.02	128	66831	2.727	ng	96
38) 1-Methylnaphthalene	8.81	142	36952	2.410	ng	99
50) Dimethylphthalate	9.47	163	120336	7.846	ng	98
52) Acenaphthene	9.78	154	116402	8.850	ng	98
55) Dibenzofuran	9.96	168	106869	5.591	ng	95
56) 4-Nitrophenol	9.96	139	38333	12.119	ng	# 9
58) Fluorene	10.30	166	121306	8.941	ng	100
65) 4,6-Dinitro-2-methylphenol	10.54	198	719	4.976	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	19578	4.267	ng	# 1
71) Phenanthrene	11.26	178	1637786	75.566	ng	100
72) Anthracene	11.31	178	422383	18.617	ng	99
73) Carbazole	11.46	167	173423	7.836	ng	98
75) Fluoranthene	12.45	202	1815206	78.172	ng	98
78) Pyrene	12.67	202	1586081	59.342	ng	99
81) Benzo(a)anthracene	13.86	228	778046	35.409	ng	98
83) Chrysene	13.89	228	635951	29.547	ng	97
86) Indeno(1,2,3-cd)pyrene	16.64	276	365815	19.936	ng	95
88) Benzo(b)fluoranthene	14.88	252	985491	44.838	ng	98
89) Benzo(k)fluoranthene	14.88	252	985491	49.501	ng	98
90) Benzo(a)pyrene	15.22	252	572134	29.430	ng	98
91) Dibenzo(a,h)anthracene	16.64	278	107221	6.463	ng	# 91
92) Benzo(g,h,i)perylene	17.04	276	342659	20.571	ng	99

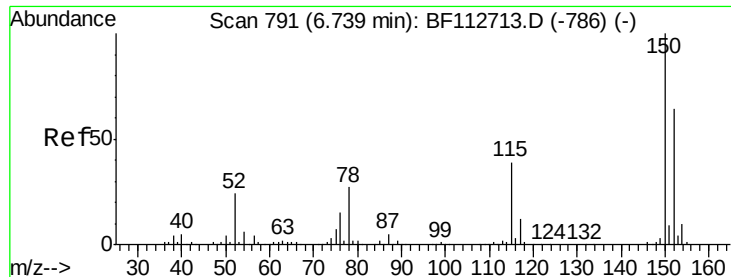
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113166.D
Acq On : 20 Mar 2019 12:50
Operator : JU/SJ
Sample : K1971-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 21 12:20:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 12:13:22 2019
Response via : Initial Calibration



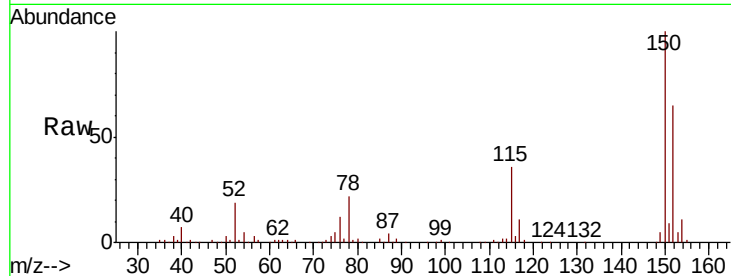


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.0	184.6
115	54.5	45.9	68.9

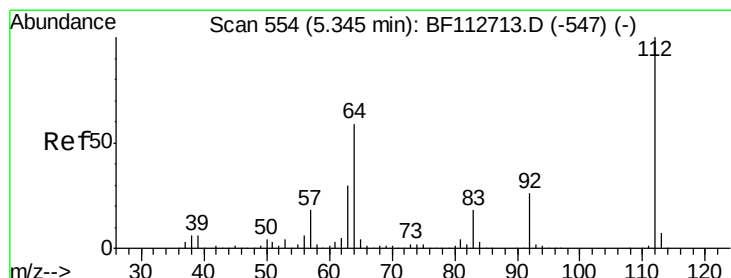
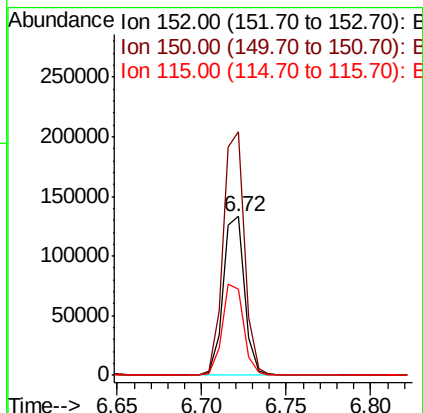
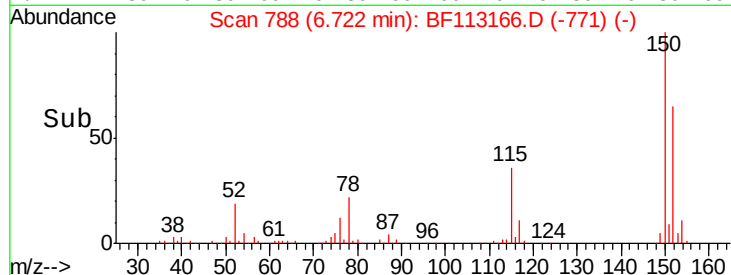


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

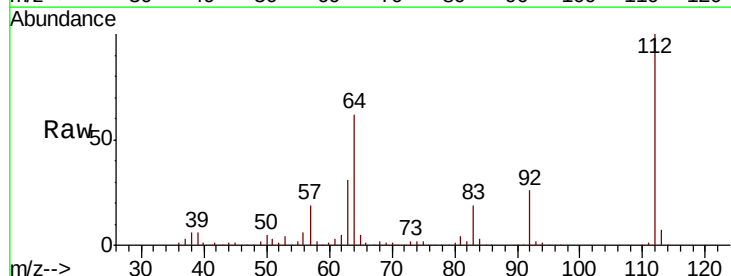
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 120.371 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	49.3	73.9
63	31.2	25.4	38.2

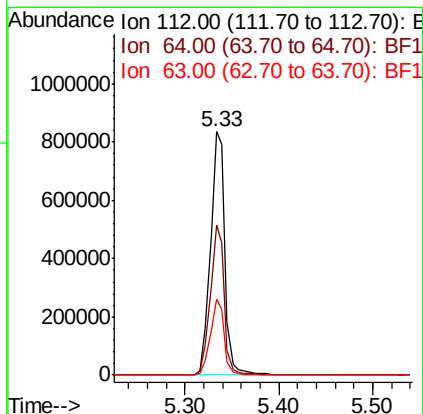
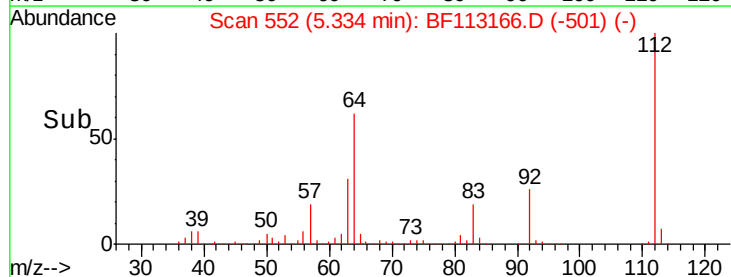


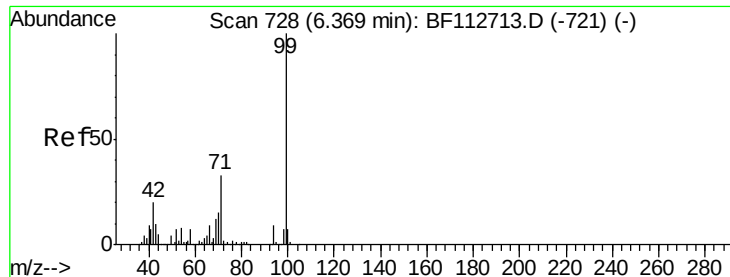
Abundance

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: 116.649 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Instrument :

BNA_F

ClientSampled :

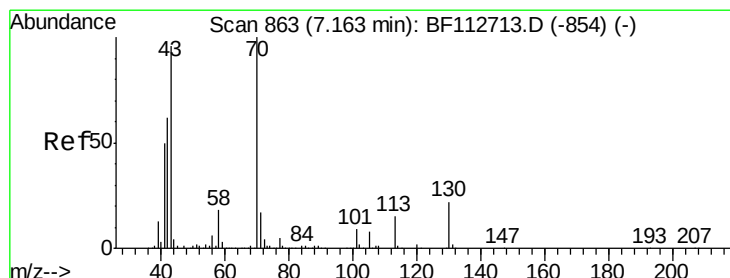
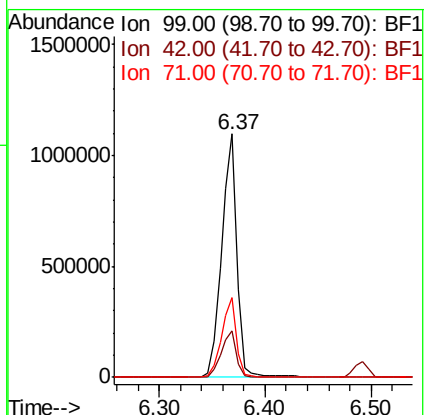
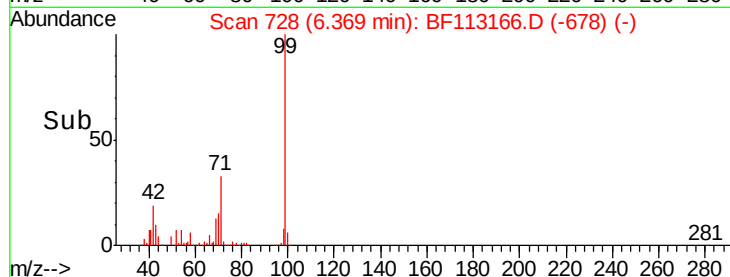
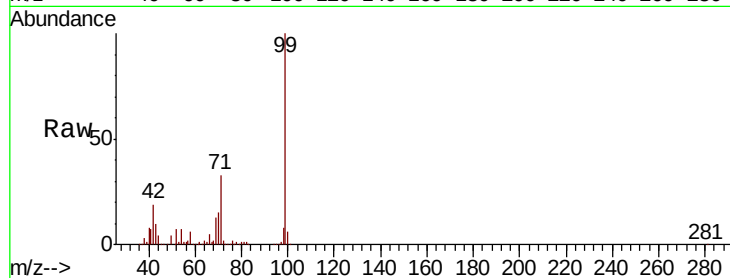
Tot Ion: 99 Resp: 1110428

Ion Ratio Lower Upper

99 100

42 18.9 15.2 22.8

71 32.7 25.7 38.5



#19

n-Nitroso-di-n-propylamine

Concen: 16.045 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Tgt Ion: 70 Resp: 96733

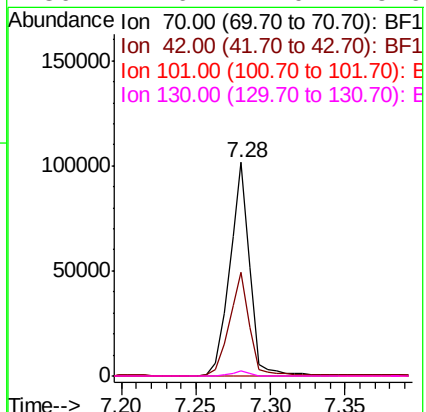
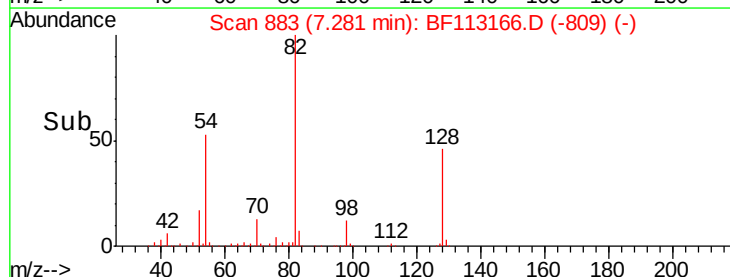
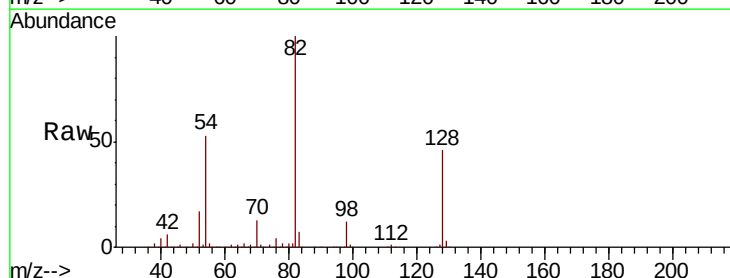
Ion Ratio Lower Upper

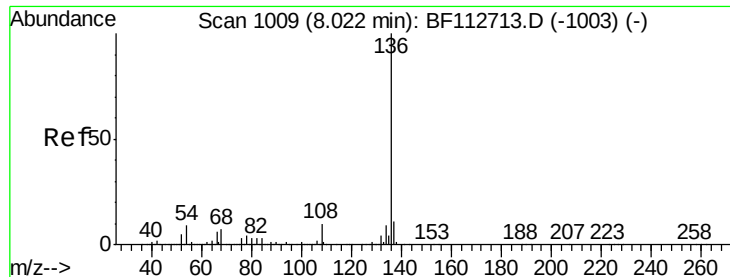
70 100

42 48.8 50.4 75.6#

101 0.0 7.5 11.3#

130 2.6 17.0 25.6#

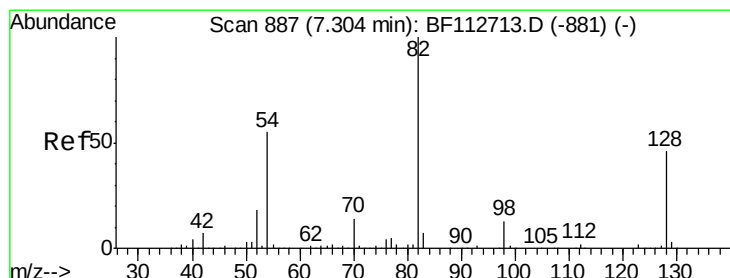
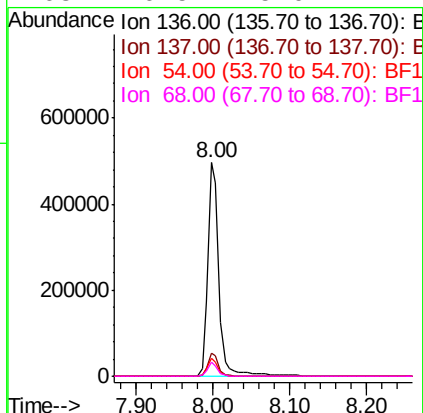
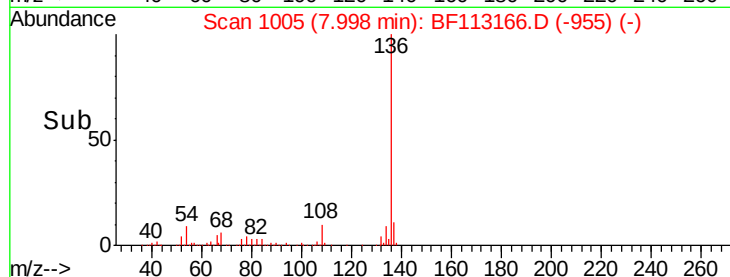
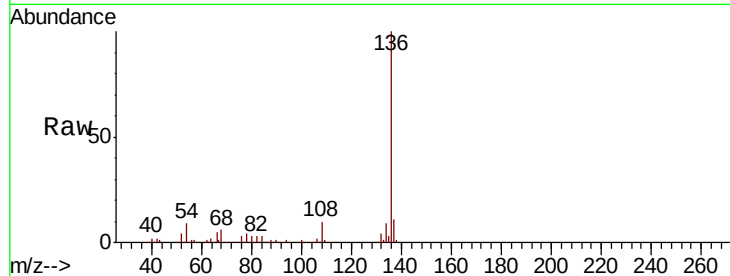




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

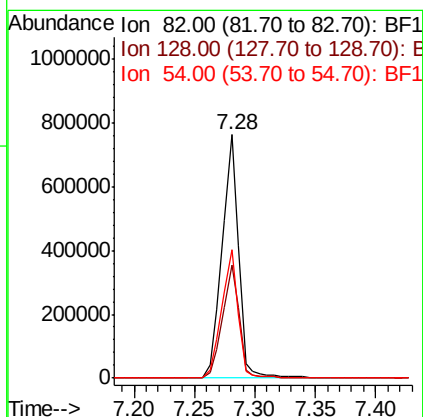
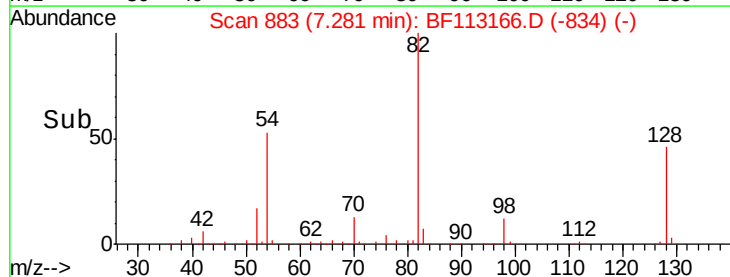
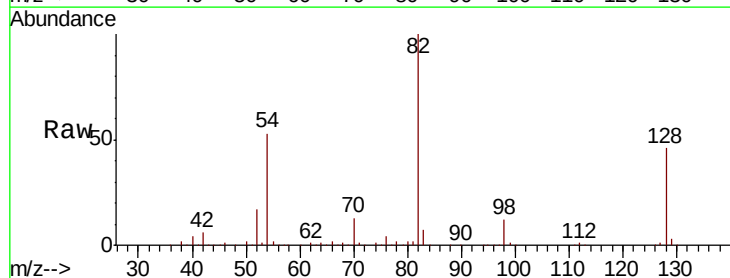
Instrument :
BNA_F
ClientSampleId :

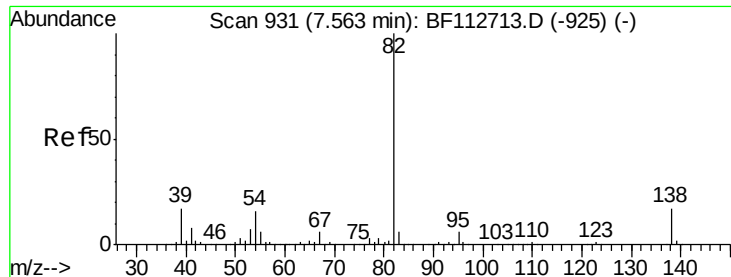
Tot Ion:136	Resp:	493690
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.6	7.0 10.6
68	6.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 88.686 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Tgt Ion: 82	Resp:	731700
Ion Ratio	Lower	Upper
82	100	
128	46.4	37.9 56.9
54	52.5	41.2 61.8





#25

Isophorone

Concen: 40.198 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Instrument :

BNA_F

ClientSampleId :

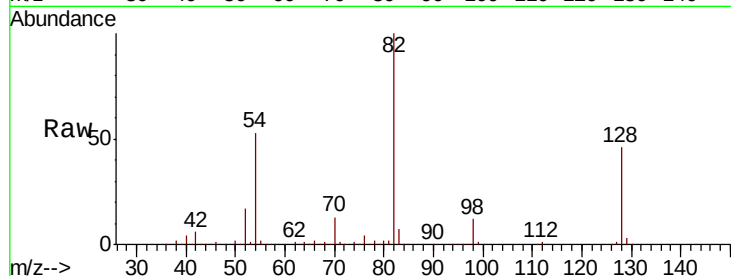
Tot Ion: 82 Resp: 714485

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

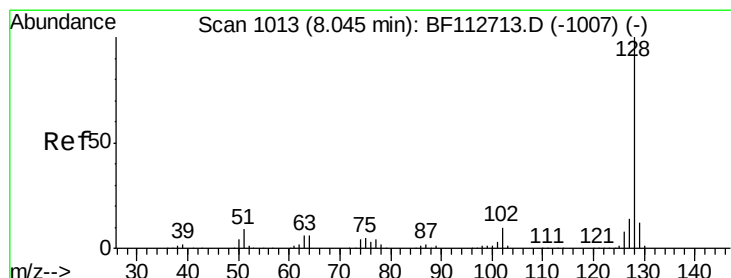
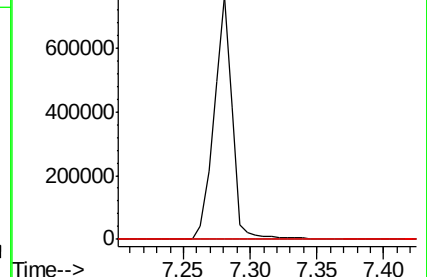
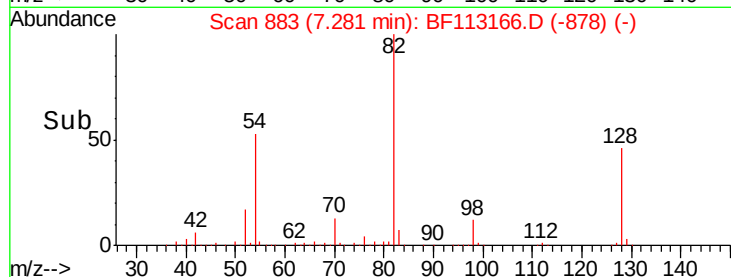
138 0.0 14.5 21.7#



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



#31

Naphthalene

Concen: 2.727 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

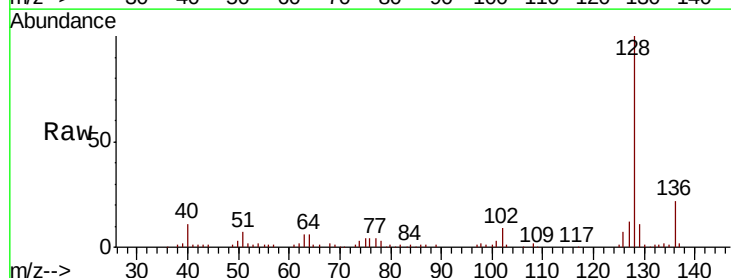
Tgt Ion: 128 Resp: 66831

Ion Ratio Lower Upper

128 100

129 10.5 9.4 14.0

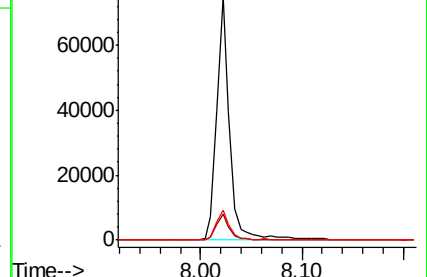
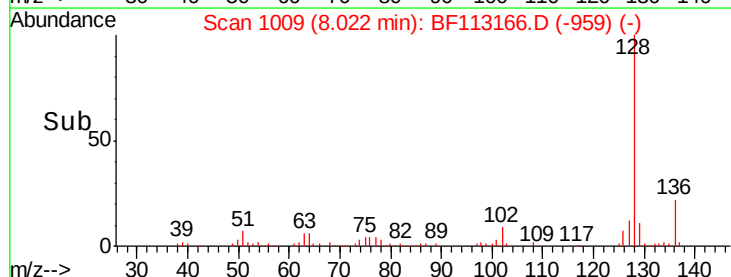
127 12.0 10.9 16.3

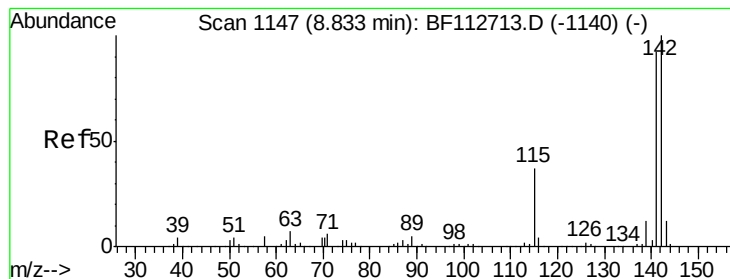


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1





#38

1-Methylnaphthalene

Concen: 2.410 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Instrument :

BNA_F

ClientSampled :

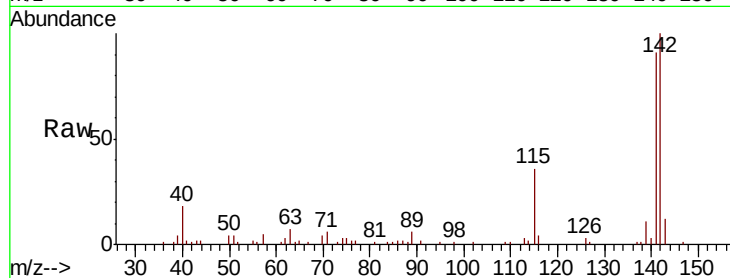
Tot Ion:142 Resp: 36952

Ion Ratio Lower Upper

142 100

141 90.7 73.5 110.3

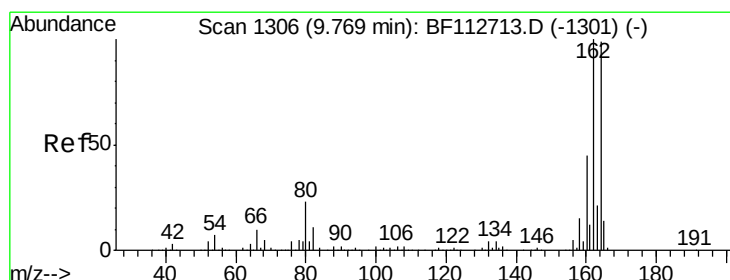
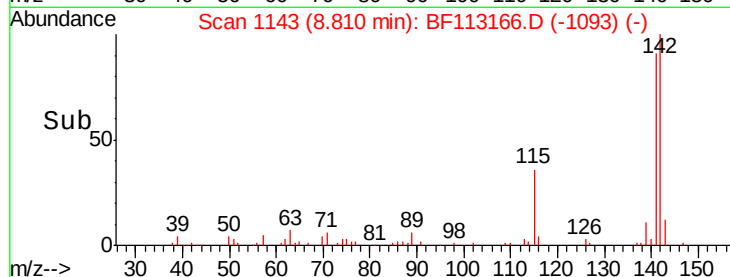
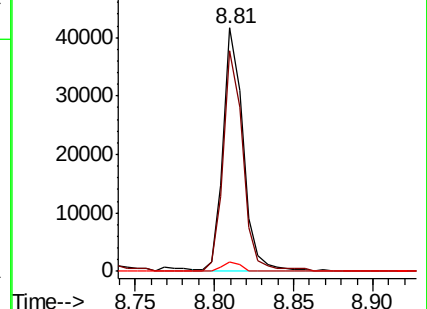
116 3.8 3.0 4.6



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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

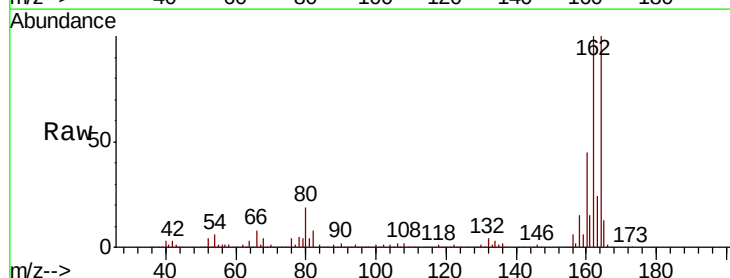
Tgt Ion:164 Resp: 208008

Ion Ratio Lower Upper

164 100

162 100.4 80.8 121.2

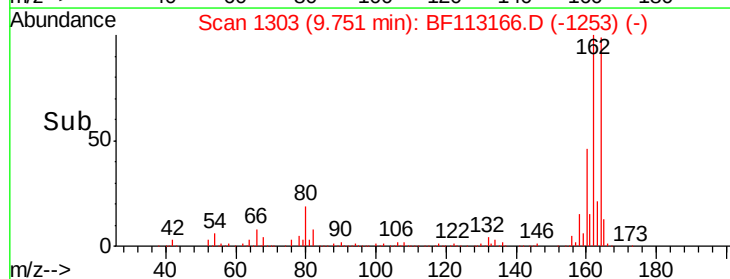
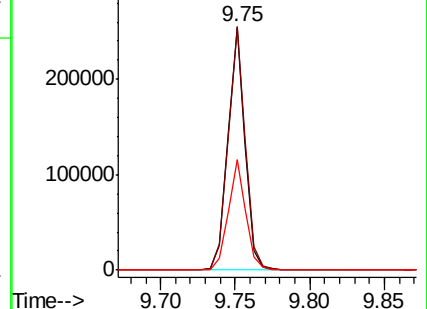
160 45.6 36.2 54.2

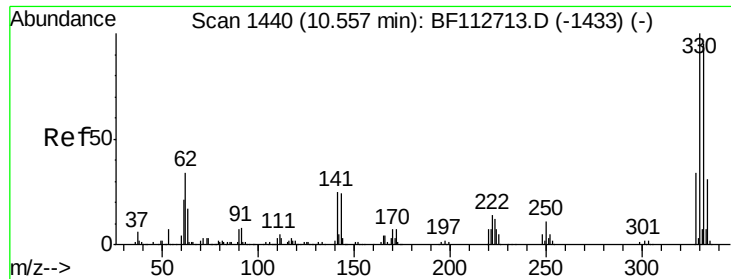


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 154.679 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Instrument :

BNA_F

ClientSampled :

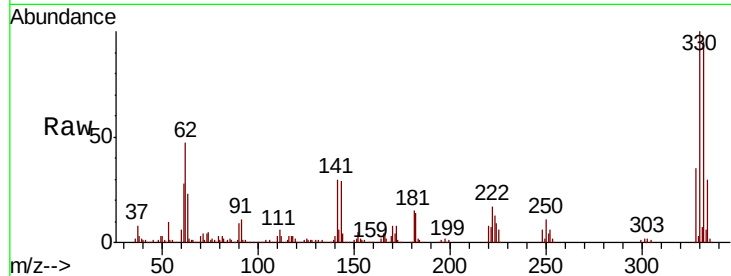
Tot Ion:330 Resp: 341573

Ion Ratio Lower Upper

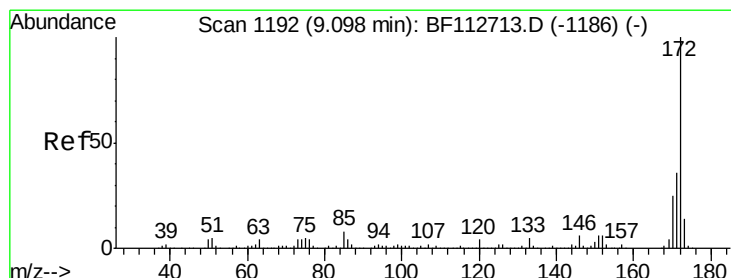
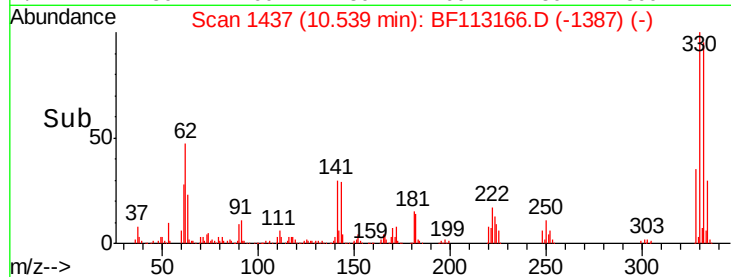
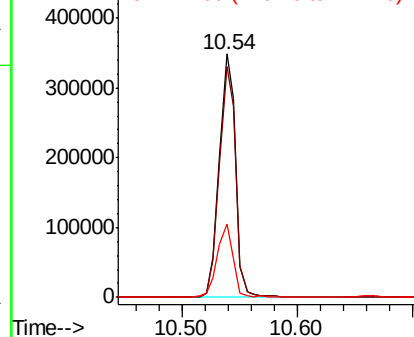
330 100

332 95.5 76.3 114.5

141 29.3 22.3 33.5



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: 111.205 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

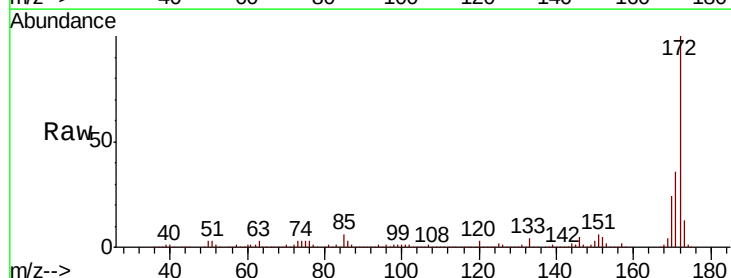
Tgt Ion:172 Resp: 1284187

Ion Ratio Lower Upper

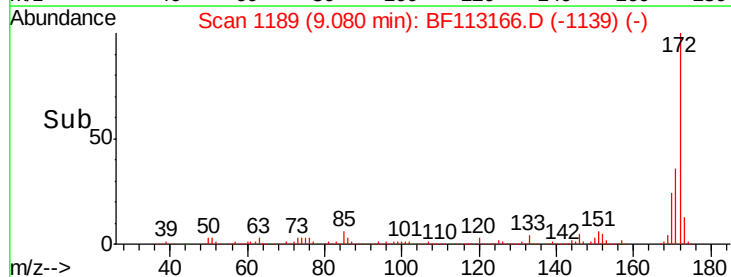
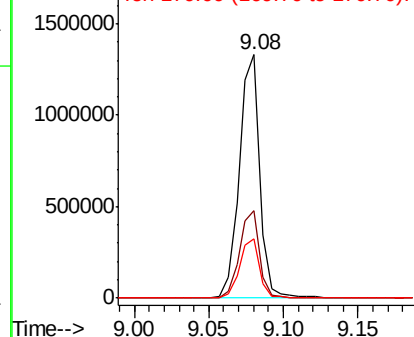
172 100

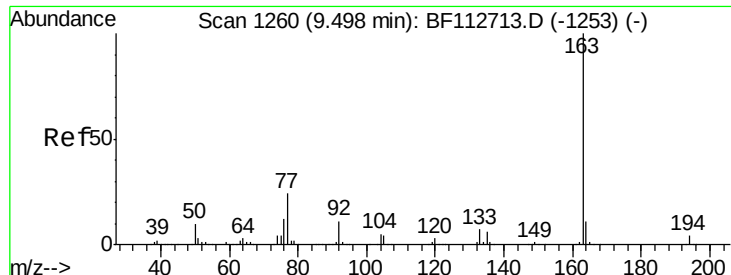
171 35.8 29.0 43.4

170 24.3 20.1 30.1



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

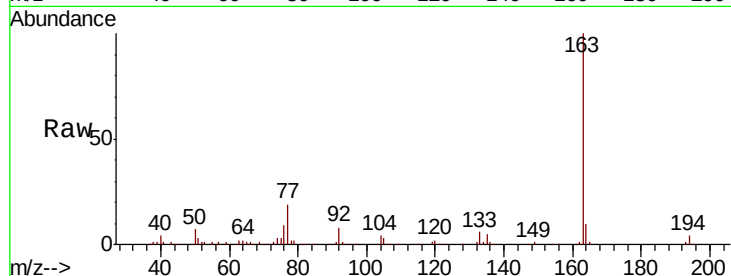




#50
Dimethylphthalate
Concen: 7.846 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.9	8.6	12.8

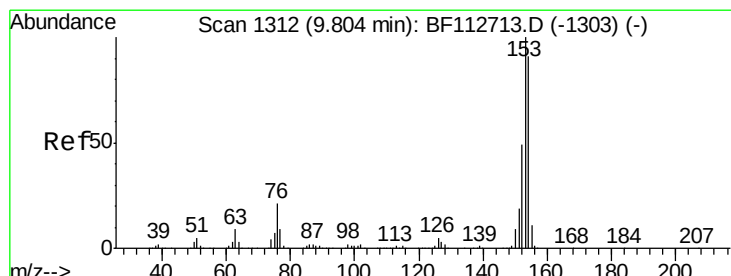
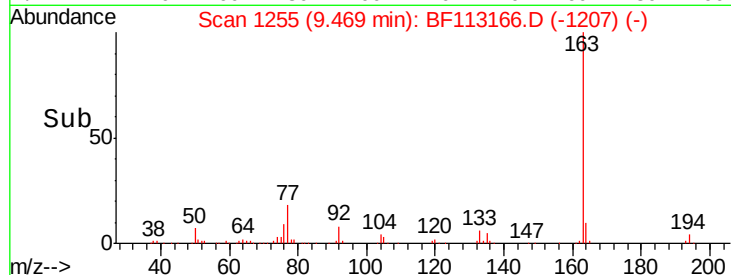
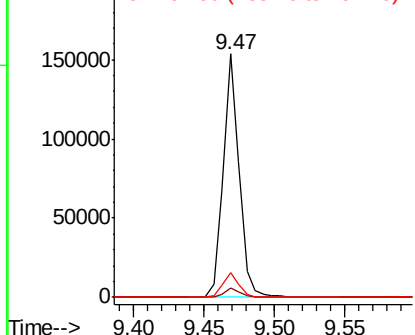


Abundance

Ion 163.00 (162.70 to 163.70): E

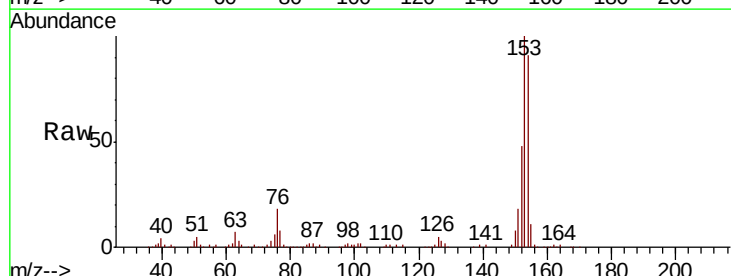
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52
Acenaphthene
Concen: 8.850 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.4	89.9	134.9
152	53.1	43.4	65.2

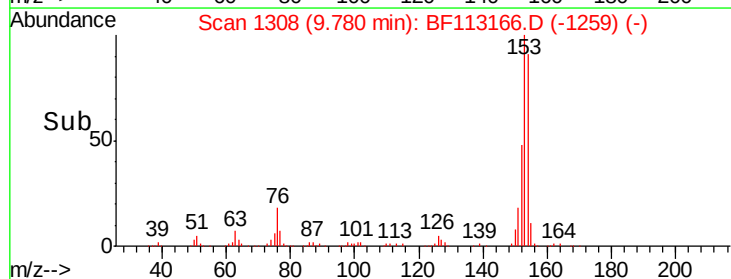
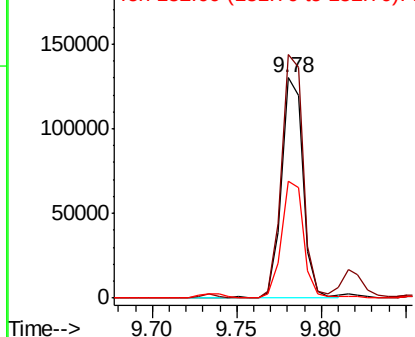


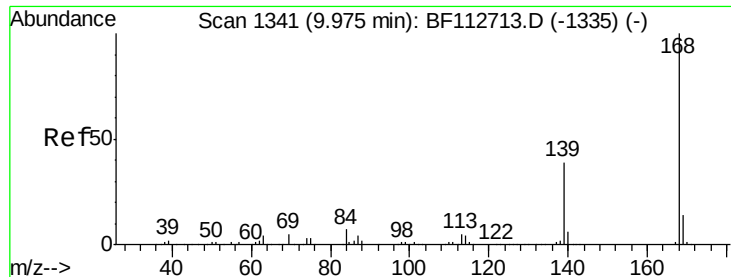
Abundance

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

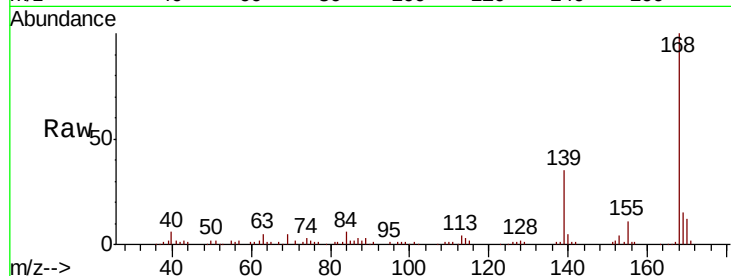




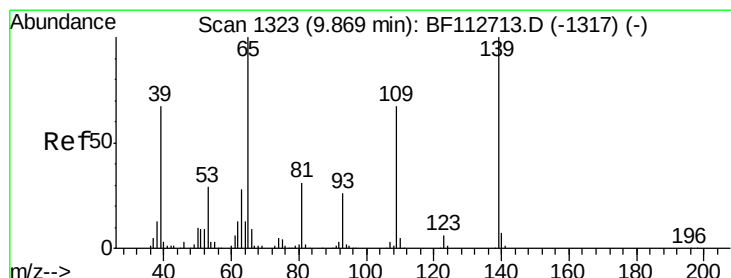
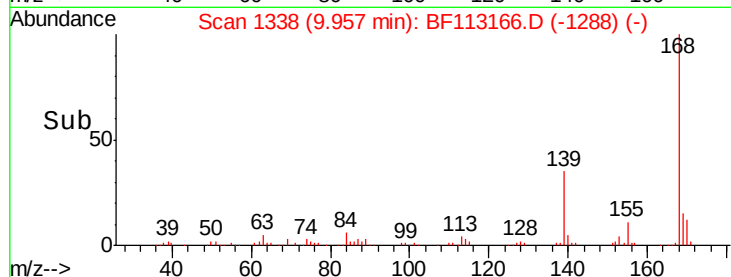
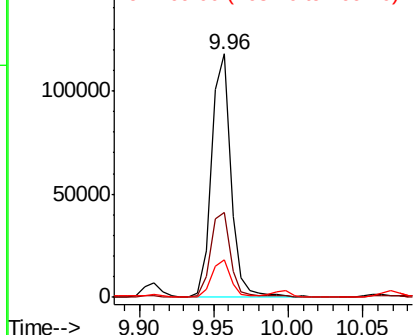
#55
Dibenzofuran
Concen: 5.591 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 106869
Ion Ratio Lower Upper
168 100
139 35.1 30.7 46.1
169 15.3 11.0 16.6

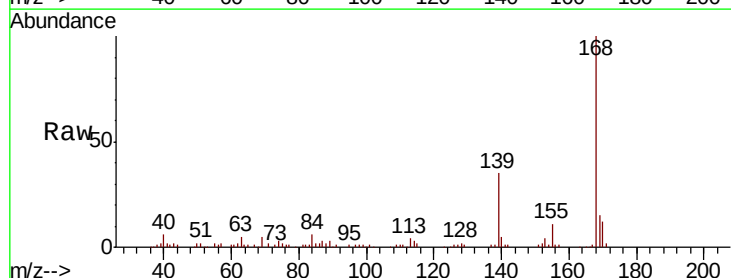


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

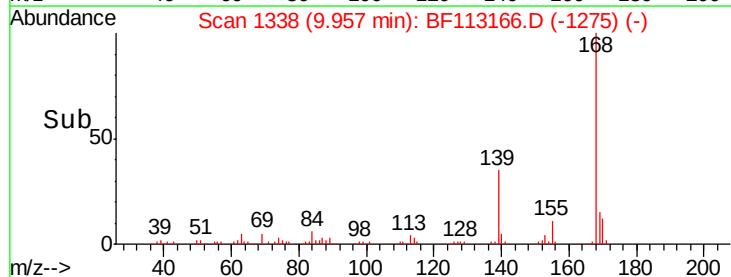
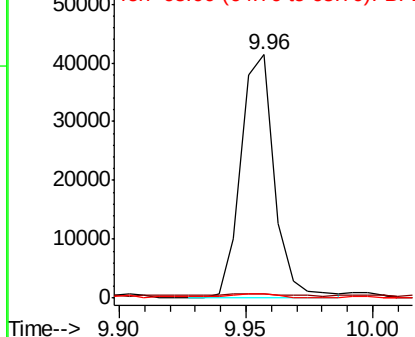


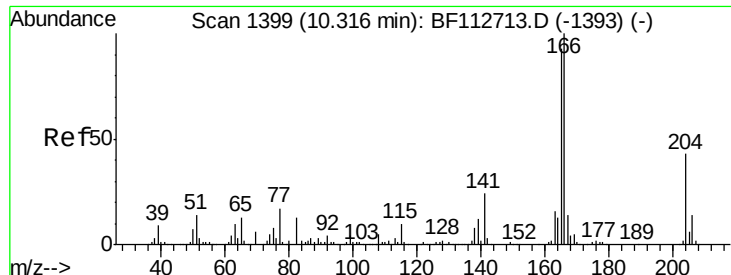
#56
4-Nitrophenol
Concen: 12.119 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.07 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Tgt Ion:139 Resp: 38333
Ion Ratio Lower Upper
139 100
109 1.6 45.4 85.4#
65 1.8 80.1 120.1#



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

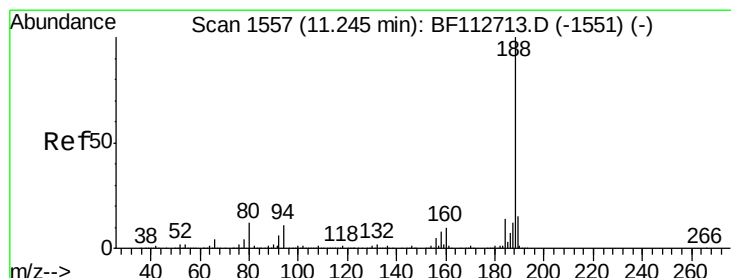
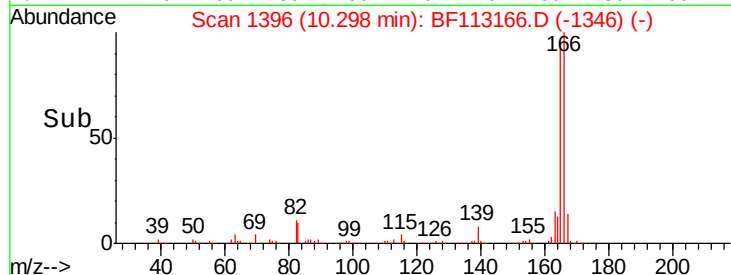
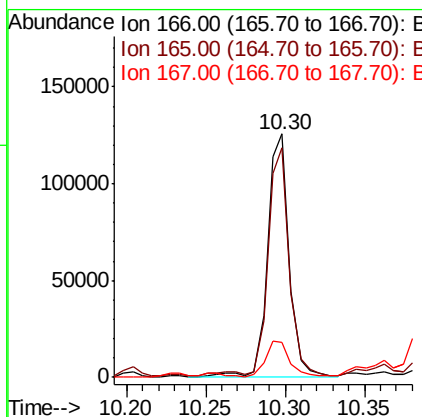
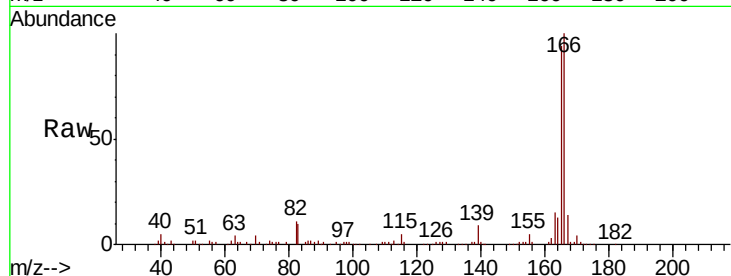




#58
 Fluorene
 Concen: 8.941 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

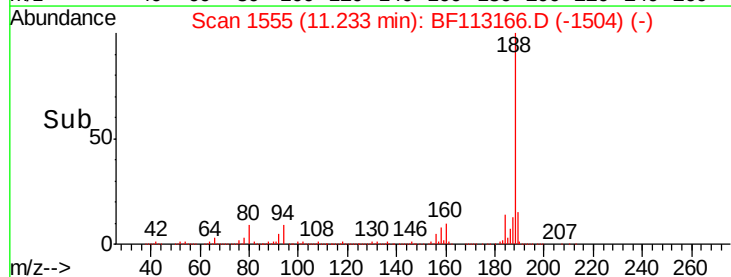
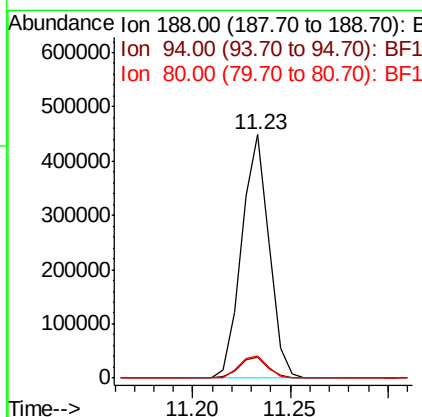
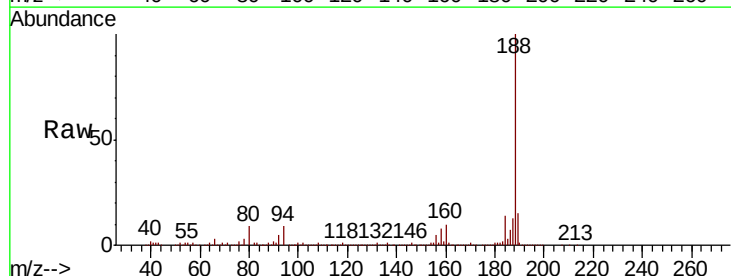
Instrument :
 BNA_F
 ClientSampleId :

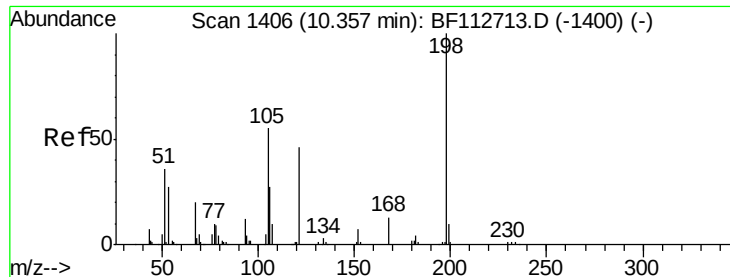
Tot Ion:166 Resp: 121306
 Ion Ratio Lower Upper
 166 100
 165 94.3 75.4 113.2
 167 14.4 11.0 16.6



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

Tgt Ion:188 Resp: 435613
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.4 11.2
 80 9.0 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 4.976 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.18 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Instrument :

BNA_F

ClientSampleId :

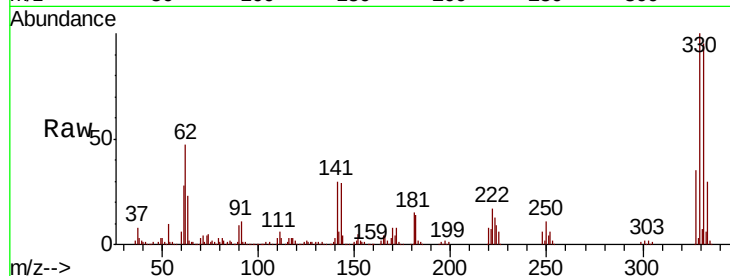
Tot Ion:198 Resp: 719

Ion Ratio Lower Upper

198 100

51 507.7 25.5 65.5#

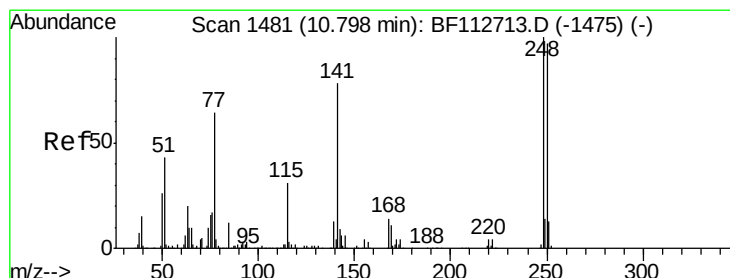
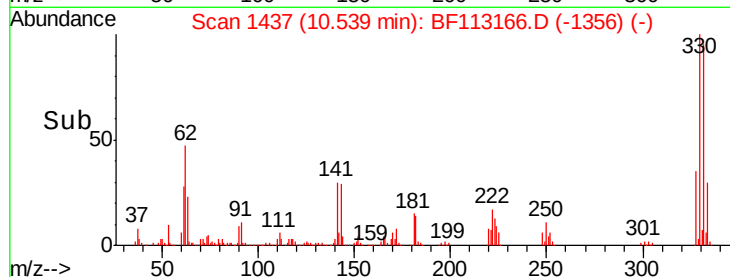
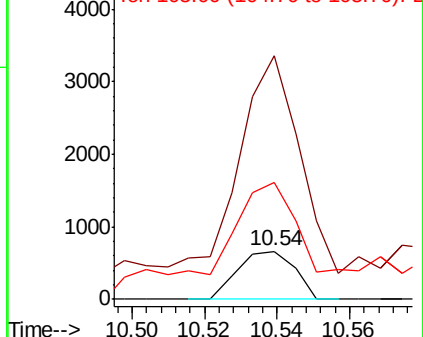
105 243.7 23.2 63.2#



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: 4.267 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

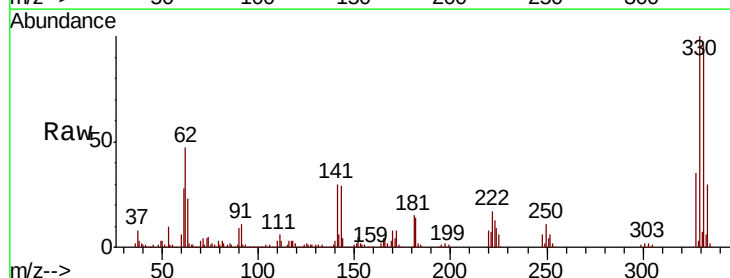
Tgt Ion:248 Resp: 19578

Ion Ratio Lower Upper

248 100

250 185.4 78.4 117.6#

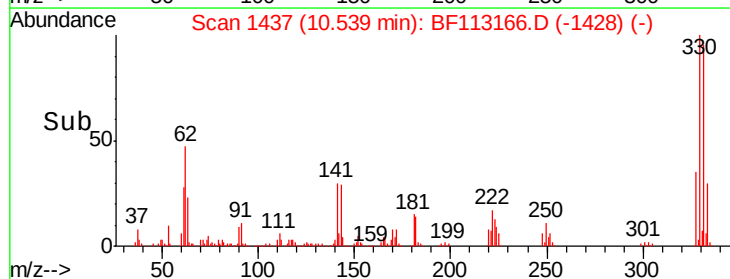
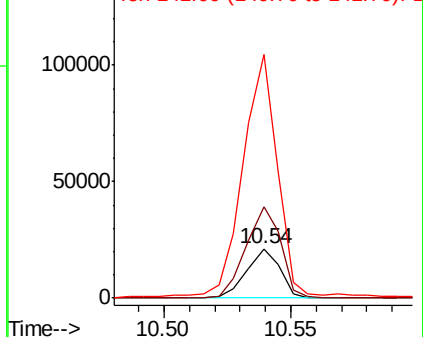
141 491.4 45.9 68.9#

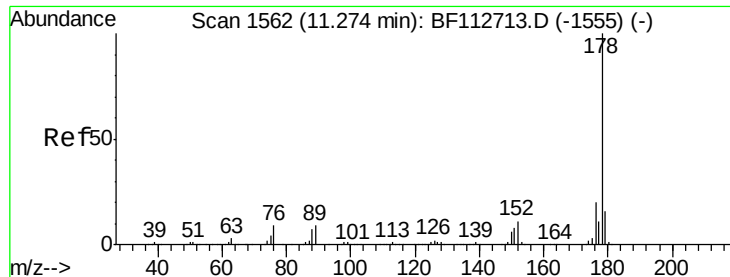


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

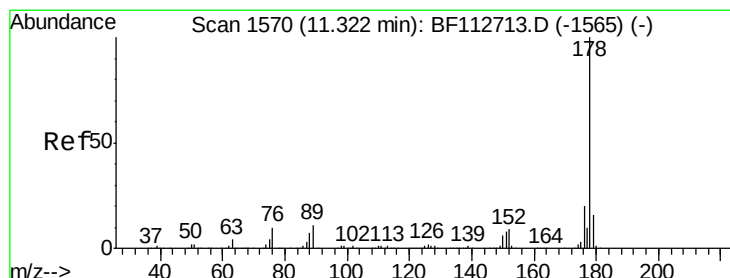
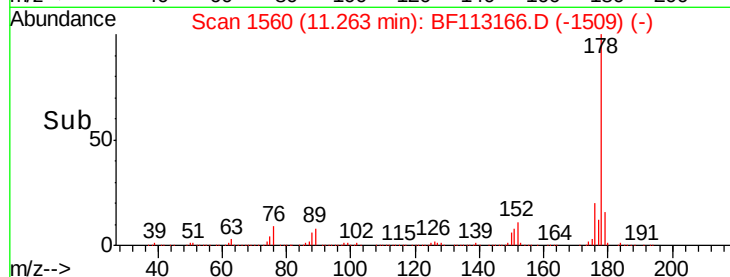
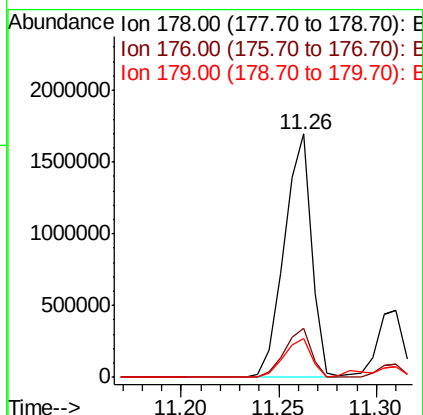
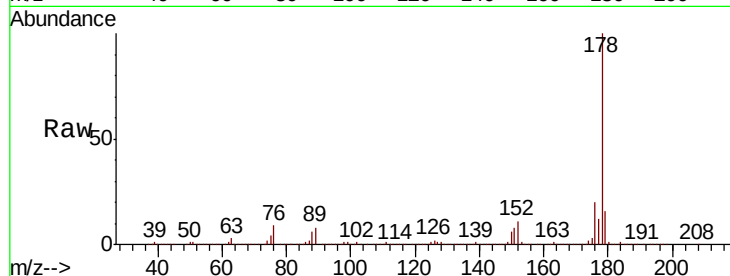




#71
Phenanthrene
Concen: 75.566 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

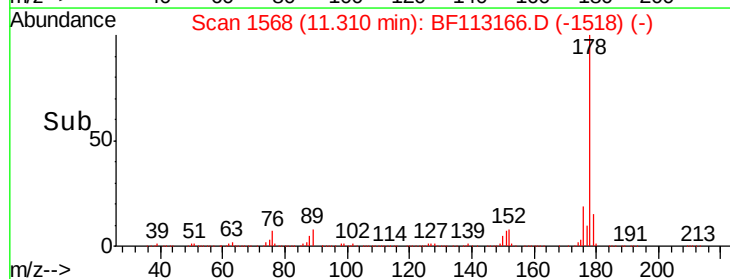
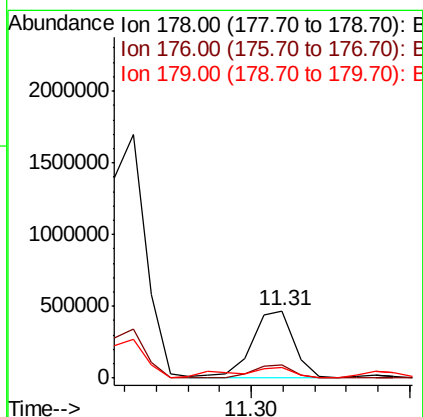
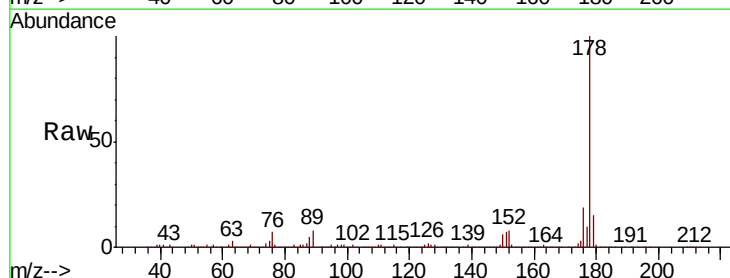
Instrument :
BNA_F
ClientSampleId :

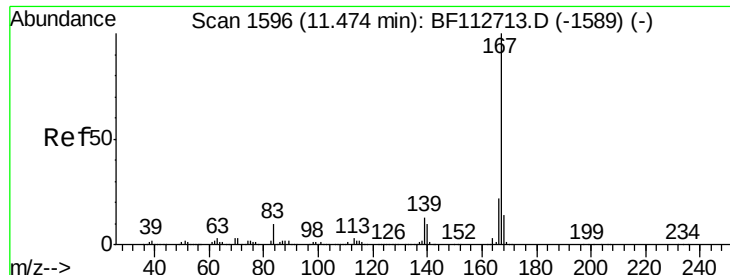
Tot Ion:178 Resp: 1637786
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.2 13.0 19.4



#72
Anthracene
Concen: 18.617 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Tgt Ion:178 Resp: 422383
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 15.2 12.4 18.6

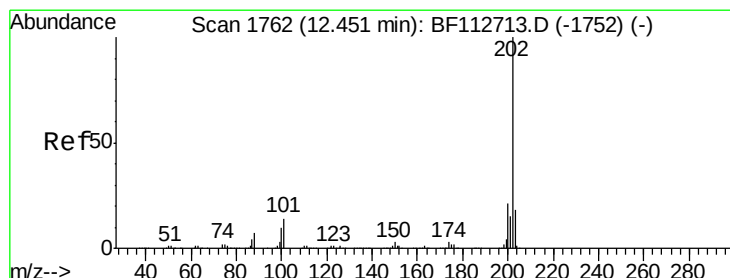
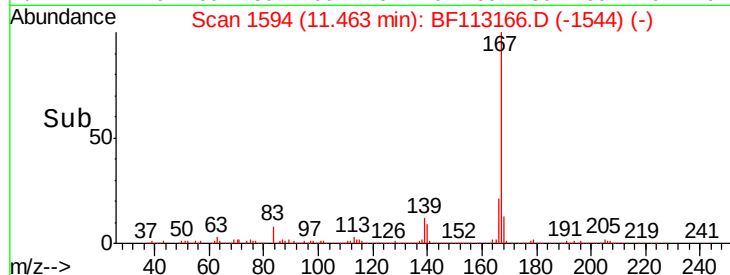
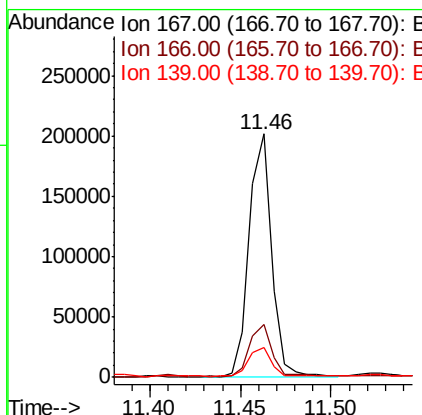
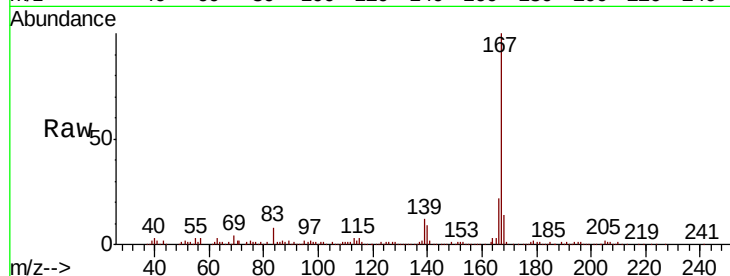




#73
 Carbazole
 Concen: 7.836 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

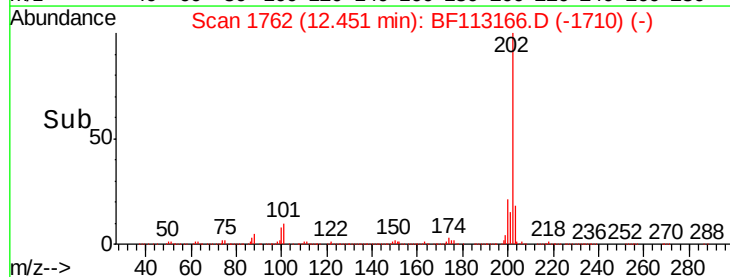
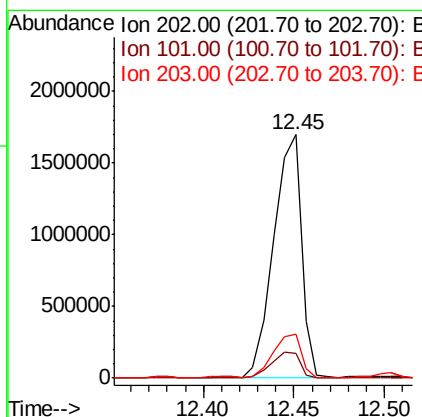
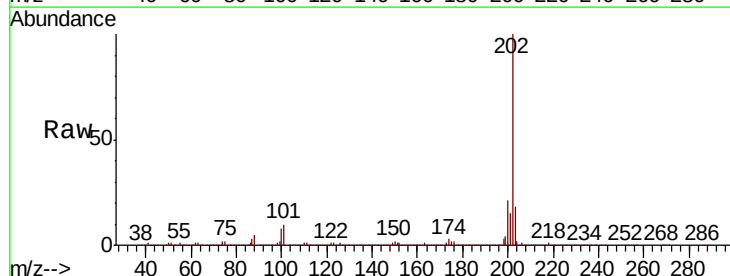
Instrument :
 BNA_F
 ClientSampleId :

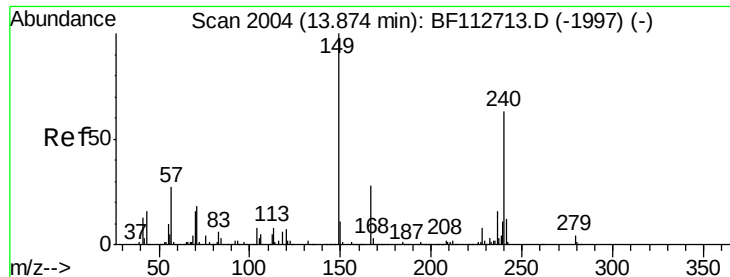
Tot Ion:167 Resp: 173423
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 12.2 10.6 16.0



#75
 Fluoranthene
 Concen: 78.172 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. 0.01 min
 Lab File: BF113166.D
 Acq: 20 Mar 2019 12:50

Tgt Ion:202 Resp: 1815206
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 31.9
 203 17.9 0.0 38.4

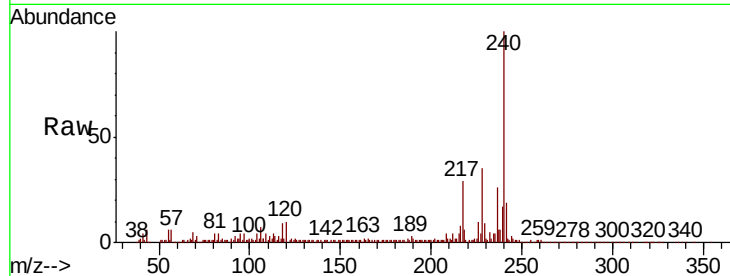




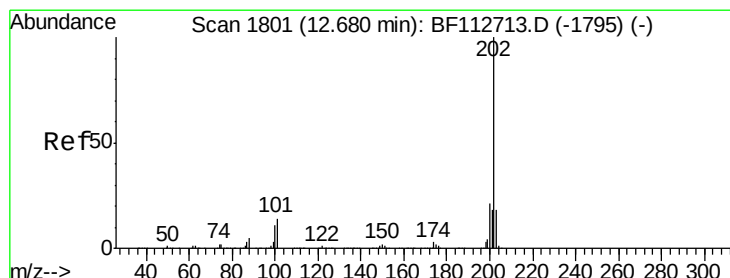
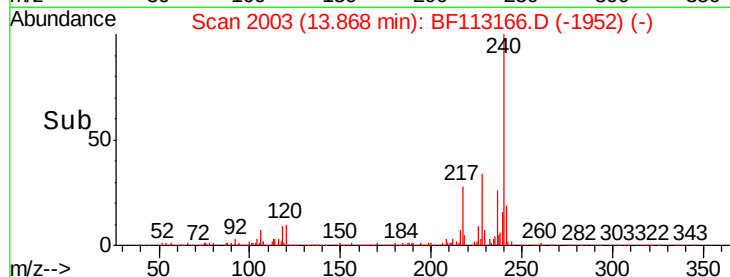
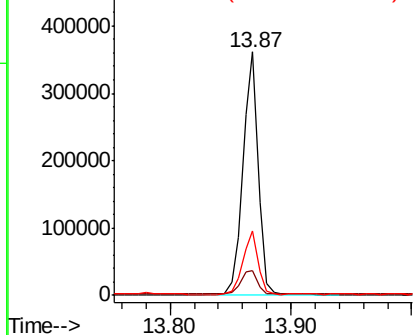
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 317045
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 26.4 21.2 31.8

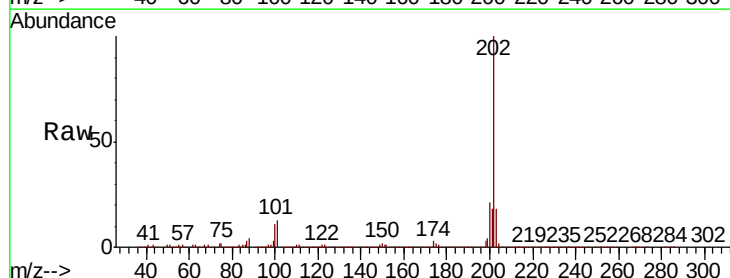


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

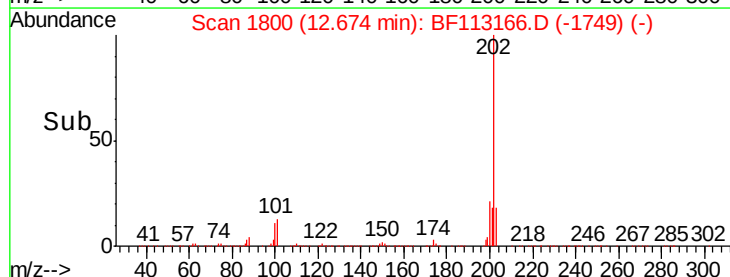
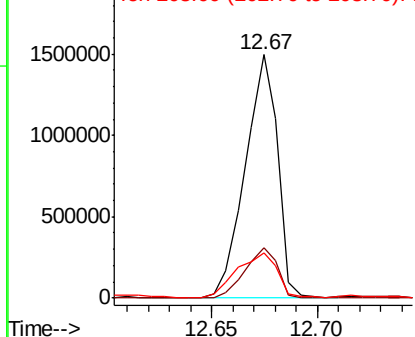


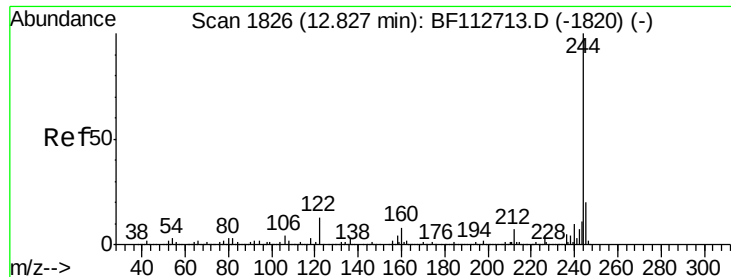
#78
Pyrene
Concen: 59.342 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Tgt Ion:202 Resp: 1586081
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 18.4 14.6 21.8



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: 70.813 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

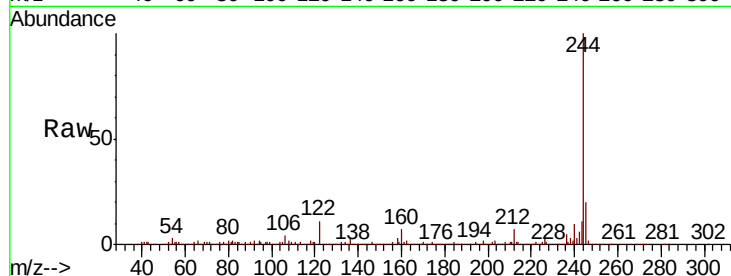
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1158159

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.0	9.4	14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.82

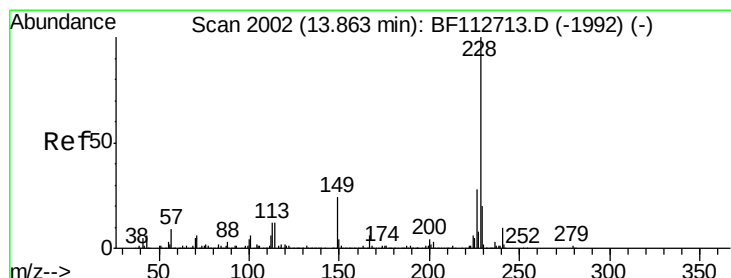
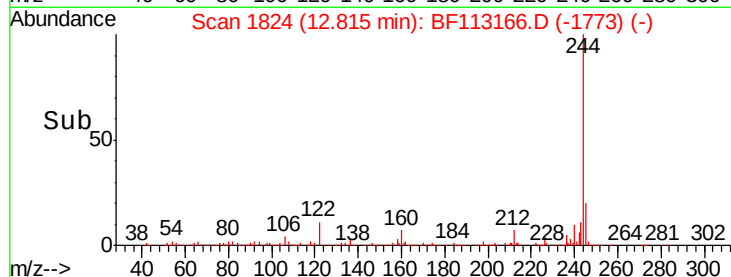
1000000

500000

0

Time-->

12.70 12.80 12.90



#81

Benzo(a)anthracene

Concen: 35.409 ng

RT: 13.86 min Scan# 2001

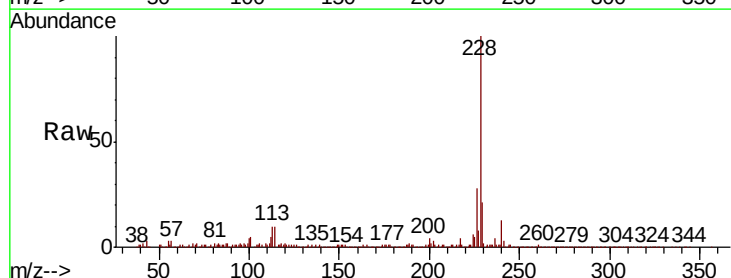
Delta R.T. -0.00 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Tgt Ion:228 Resp: 778046

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.0	33.0
229	21.2	16.0	24.0



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

13.86

800000

600000

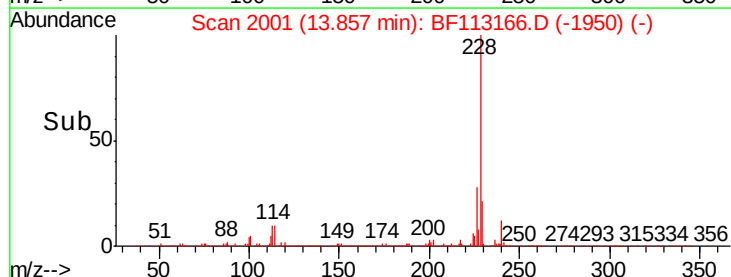
400000

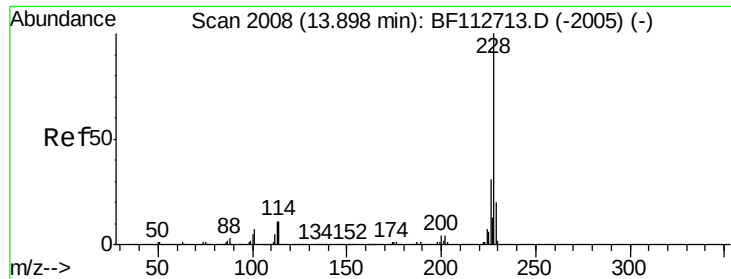
200000

0

Time-->

13.80 13.90





#83

Chrysene

Concen: 29.547 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Instrument :

BNA_F

ClientSampleId :

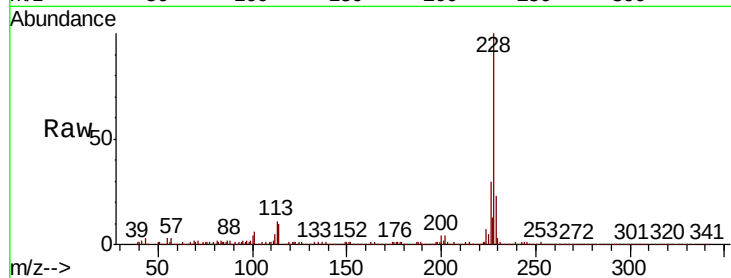
Tot Ion:228 Resp: 635951

Ion Ratio Lower Upper

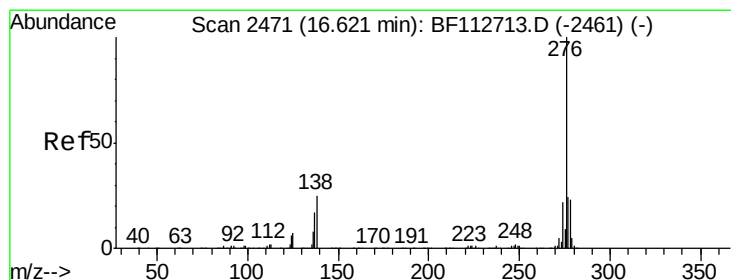
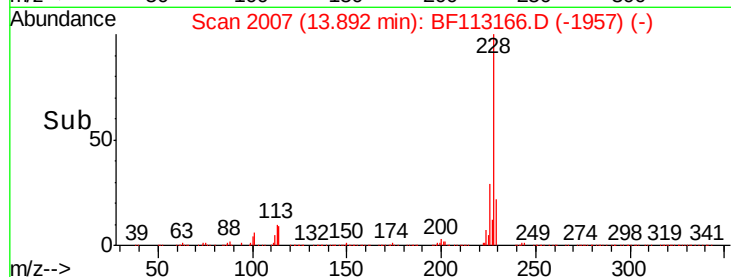
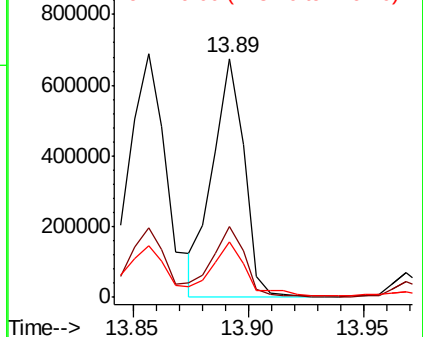
228 100

226 29.8 24.6 36.8

229 23.1 16.2 24.2



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 19.936 ng

RT: 16.64 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

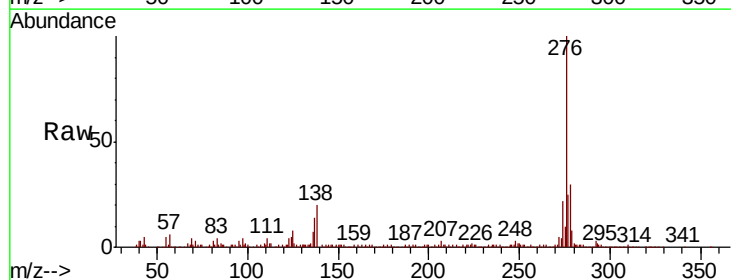
Tgt Ion:276 Resp: 365815

Ion Ratio Lower Upper

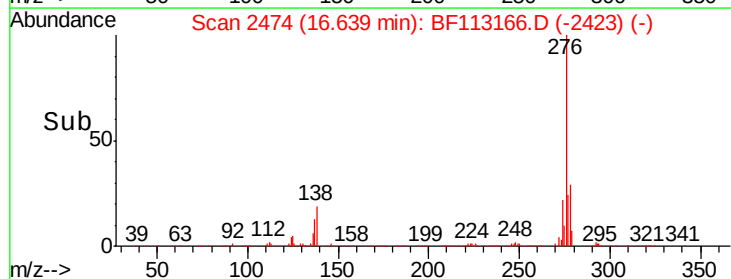
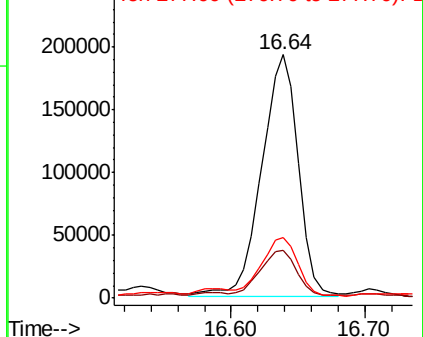
276 100

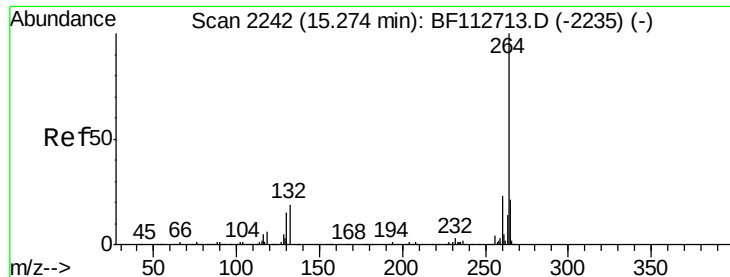
138 19.2 18.6 28.0

277 24.1 20.2 30.2



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: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

Instrument :

BNA_F

ClientSampleId :

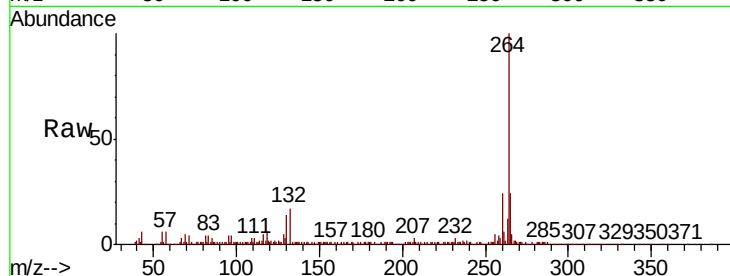
Tot Ion:264 Resp: 339796

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

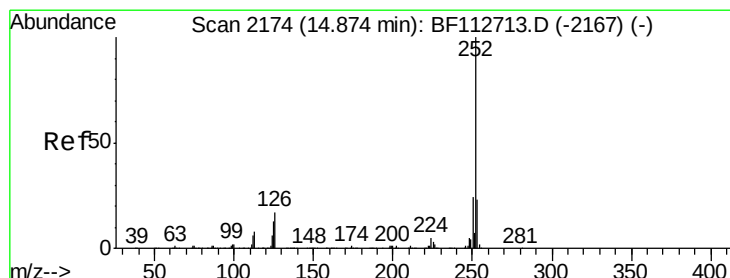
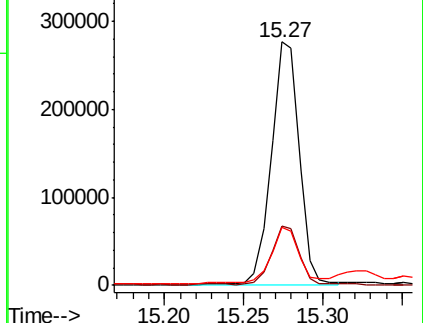
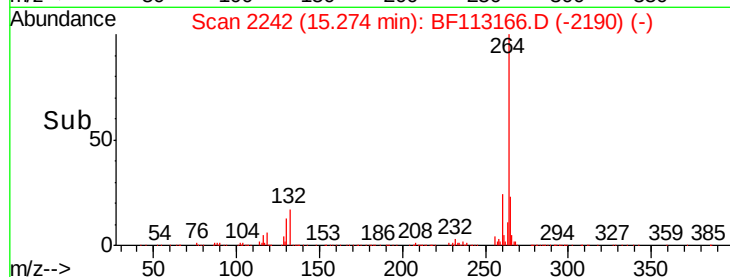
265 23.7 17.7 26.5



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: 44.838 ng

RT: 14.88 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BF113166.D

Acq: 20 Mar 2019 12:50

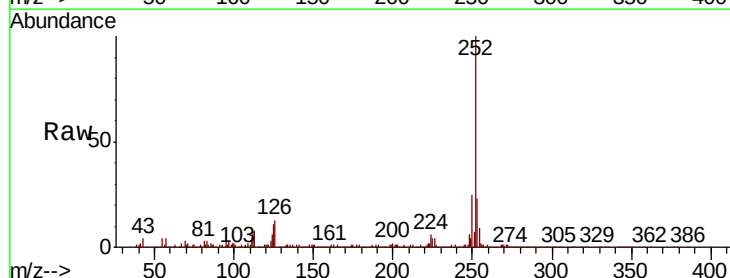
Tgt Ion:252 Resp: 985491

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.4

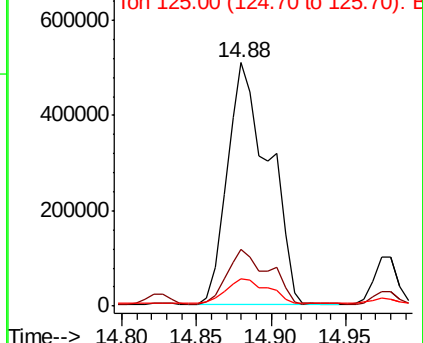
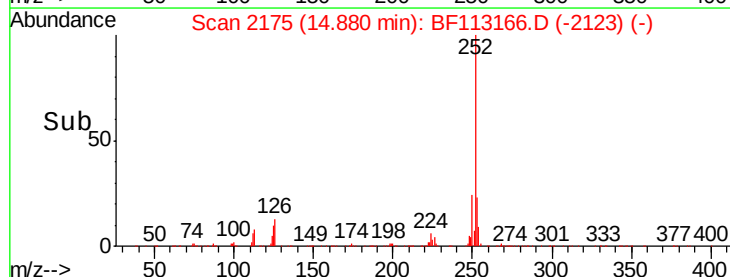
125 11.4 8.0 12.0

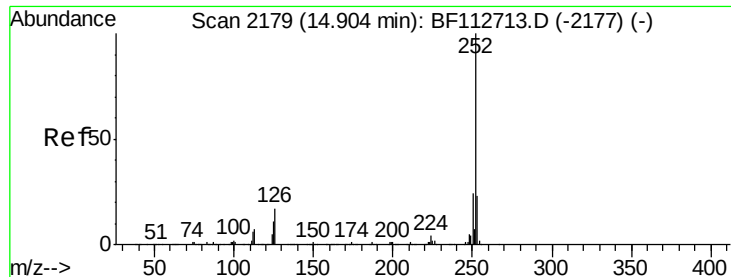


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

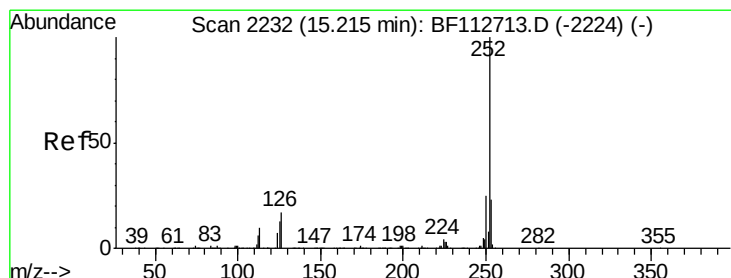
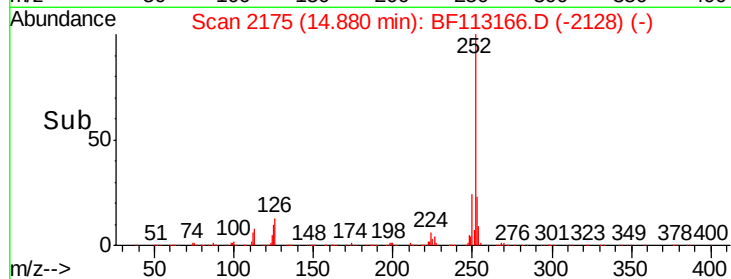
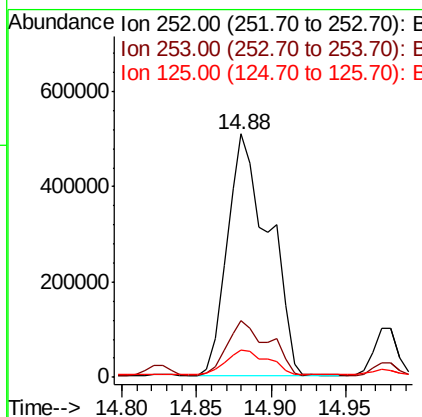
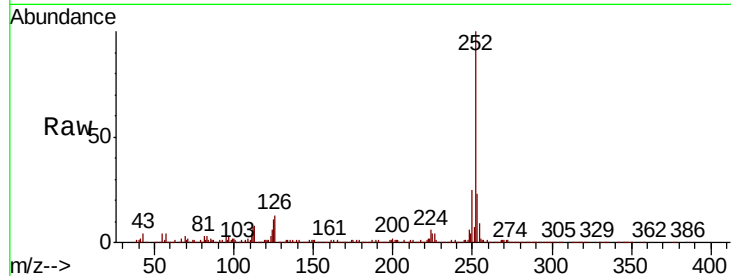




#89
Benzo(k)fluoranthene
Concen: 49.501 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

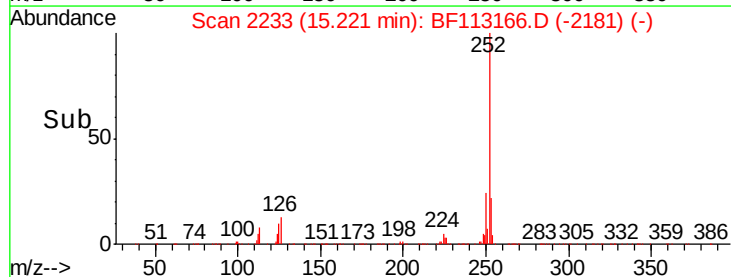
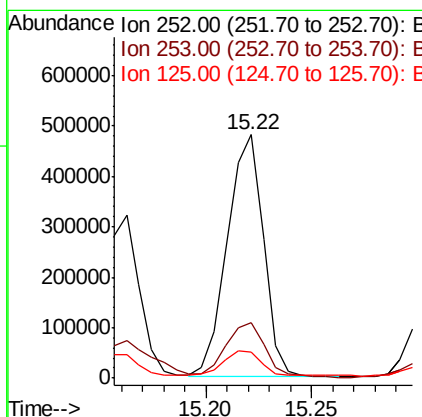
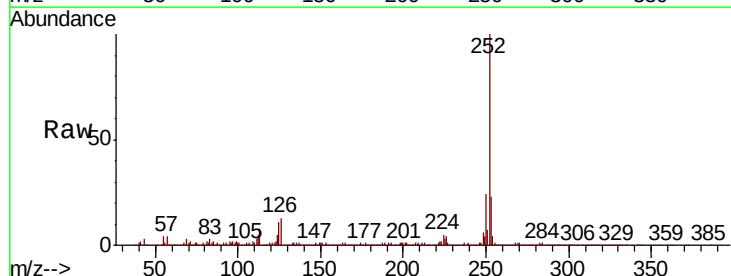
Instrument :
BNA_F
ClientSampleId :

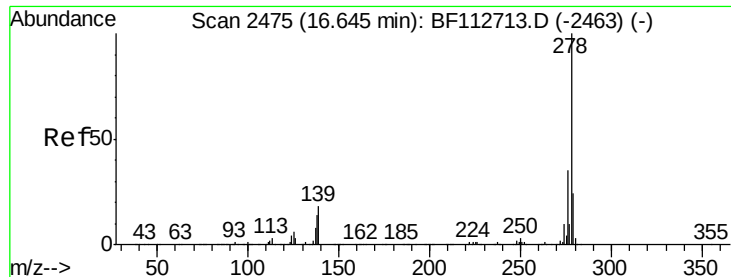
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	11.4	8.2	12.2



#90
Benzo(a)pyrene
Concen: 29.430 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	10.9	9.1	13.7

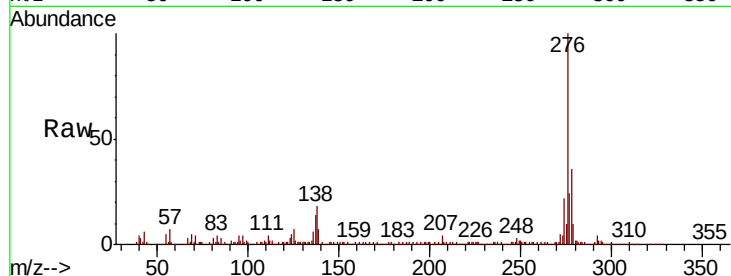




#91
Dibenzo(a,h)anthracene
Concen: 6.463 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.1	11.8	17.8#
279	27.7	19.0	28.4

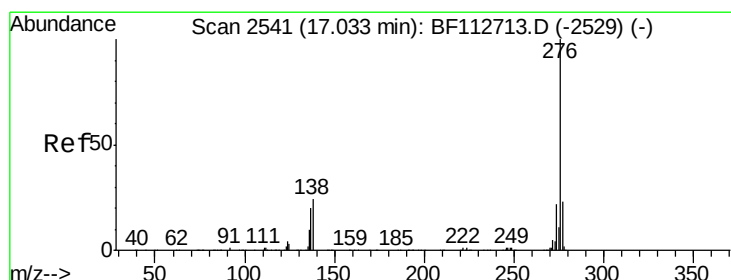
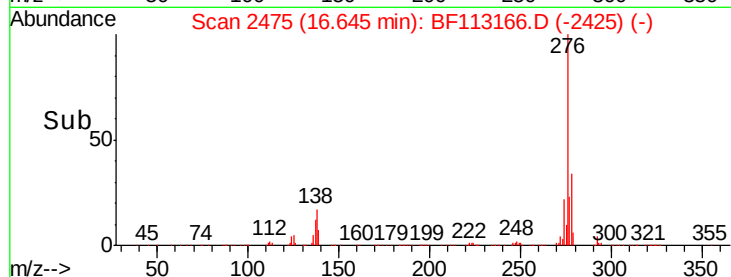
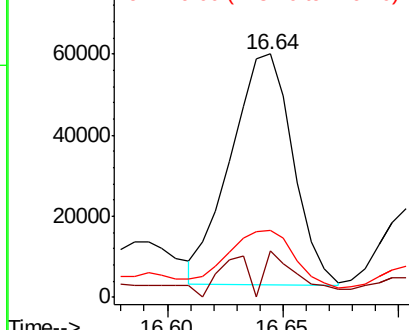


Abundance

Ion 278.00 (277.70 to 278.70): E

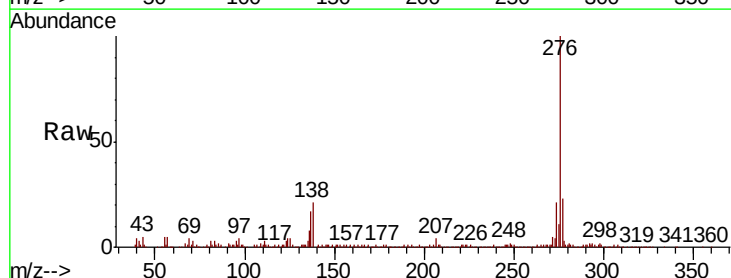
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 20.571 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113166.D
Acq: 20 Mar 2019 12:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	20.5	16.2	24.4



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

