

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113066.D
 Acq On : 15 Mar 2019 15:26
 Operator : JU/SJ
 Sample : K1921-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 282-346

Quant Time: Mar 15 22:53:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	117739	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	439469	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	228402	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	489139	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	413026	20.00	ng	0.00
87) Perylene-d12	15.27	264	428851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	936048	123.67	ng	0.00
7) Phenol-d6	6.37	99	1159020	121.90	ng	0.00
23) Nitrobenzene-d5	7.29	82	695348	94.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	396538	163.54	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1279398	96.11	ng	0.00
79) Terphenyl-d14	12.82	244	1490315	69.95	ng	0.00

Target Compounds

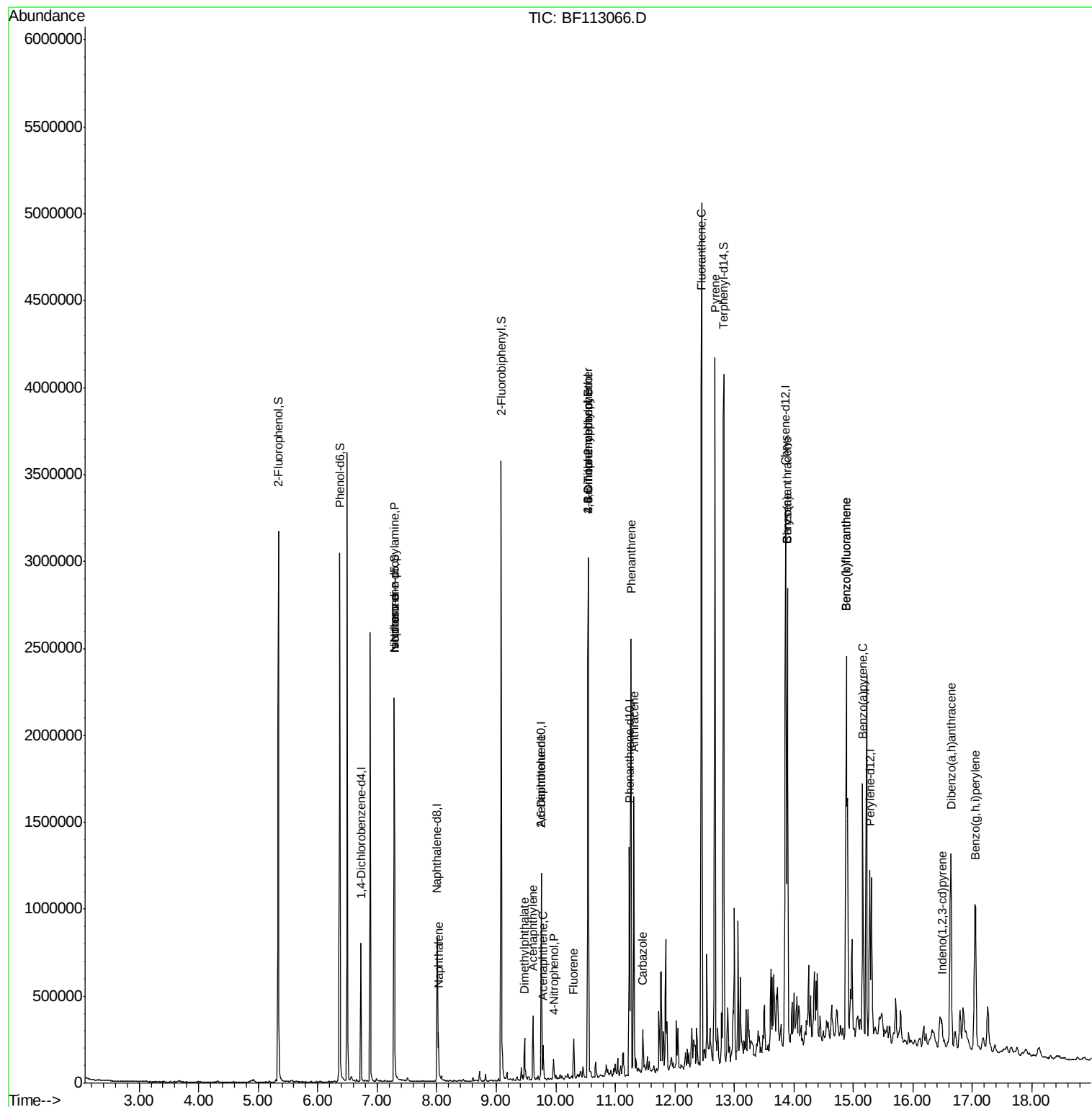
						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	91855	15.254	ng	# 77
25) Isophorone	7.29	82	686132	43.365	ng	# 66
31) Naphthalene	8.03	128	115493	5.293	ng	97
49) Acenaphthylene	9.62	152	161204	6.528	ng	97
50) Dimethylphthalate	9.47	163	87376	5.188	ng	98
51) 2,6-Dinitrotoluene	9.76	165	30384	8.664	ng	# 19
52) Acenaphthene	9.79	154	38761	2.684	ng	97
56) 4-Nitrophenol	9.96	139	14872	4.282	ng	# 10
58) Fluorene	10.30	166	75428	5.063	ng	98
65) 4,6-Dinitro-2-methylphenol	10.55	198	618	4.891	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	22453	4.358	ng	# 1
71) Phenanthrene	11.26	178	967484	39.754	ng	99
72) Anthracene	11.31	178	596219	23.404	ng	98
73) Carbazole	11.46	167	112675	4.534	ng	99
75) Fluoranthene	12.45	202	2119471	81.287	ng	98
78) Pyrene	12.67	202	1867785	53.643	ng	99
81) Benzo(a)anthracene	13.89	228	973389	34.004	ng	95
83) Chrysene	13.89	228	973389	34.715	ng	98
86) Indeno(1,2,3-cd)pyrene	16.49	276	124953	5.227	ng	94
88) Benzo(b)fluoranthene	14.88	252	1807014	65.143	ng	98
89) Benzo(k)fluoranthene	14.88	252	1807014	71.917	ng	98
90) Benzo(a)pyrene	15.16	252	696233	28.376	ng	98
91) Dibenzo(a,h)anthracene	16.64	278	189667	9.059	ng	98
92) Benzo(g,h,i)perylene	17.04	276	705996	33.581	ng	95

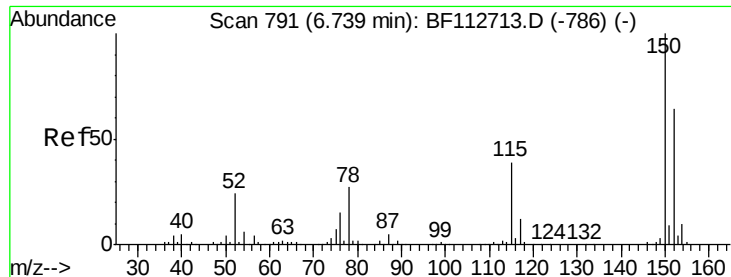
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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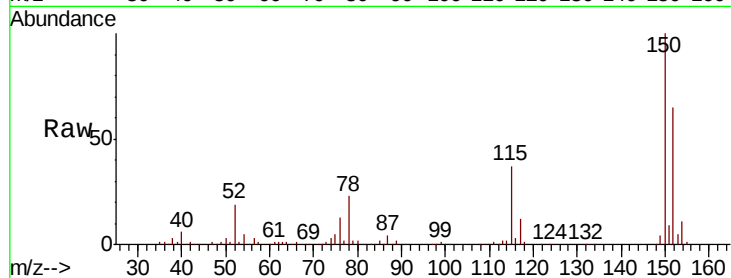


#1

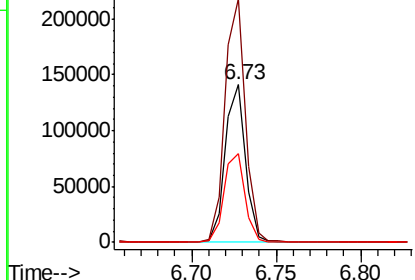
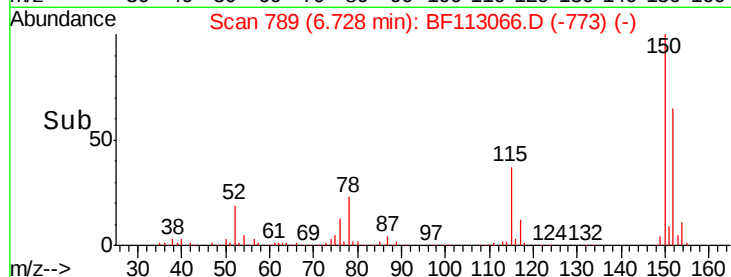
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113066.D
Acq: 15 Mar 2019 15:26

Instrument :
BNA_F
ClientSampled :
282-346

Tgt Ion:152 Resp: 117739
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.2
115 56.4 48.2 72.4



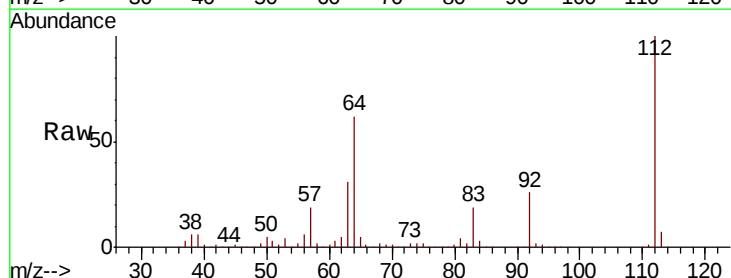
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



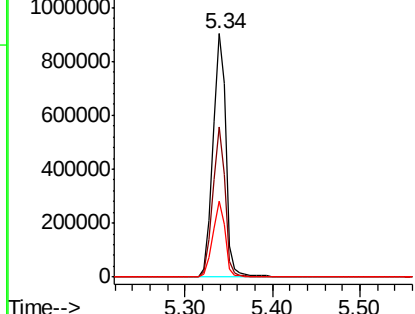
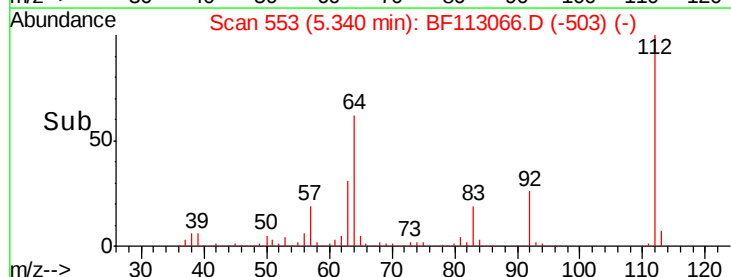
#5

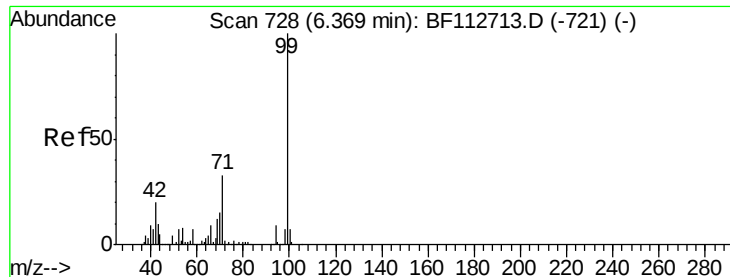
2-Fluorophenol
Concen: 123.669 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113066.D
Acq: 15 Mar 2019 15:26

Tgt Ion:112 Resp: 936048
Ion Ratio Lower Upper
112 100
64 61.6 47.6 71.4
63 31.4 24.4 36.6



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: 121.901 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

Instrument :

BNA_F

ClientSampled :

282-346

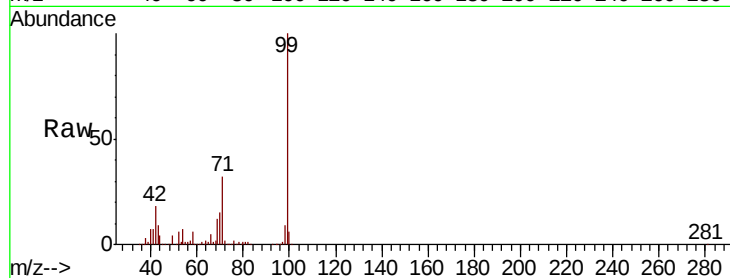
Tgt Ion: 99 Resp: 1159020

Ion Ratio Lower Upper

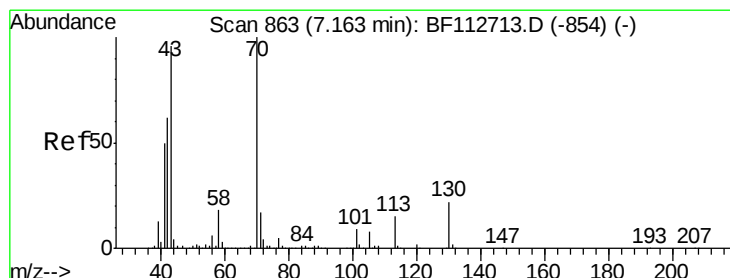
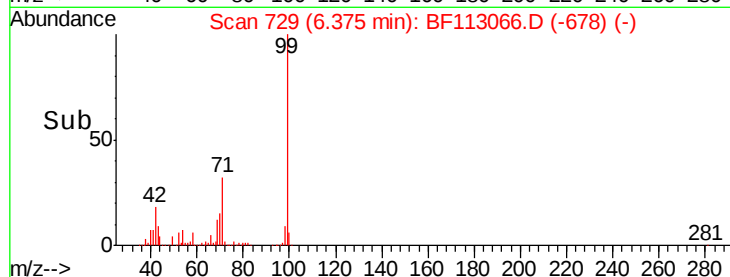
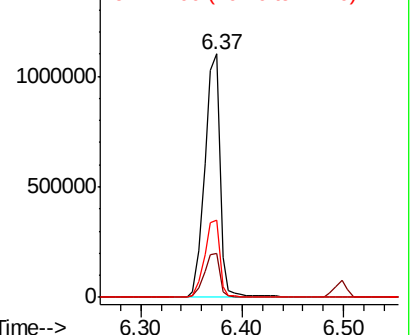
99 100

42 18.0 16.3 24.5

71 31.7 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.254 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

Tgt Ion: 70 Resp: 91855

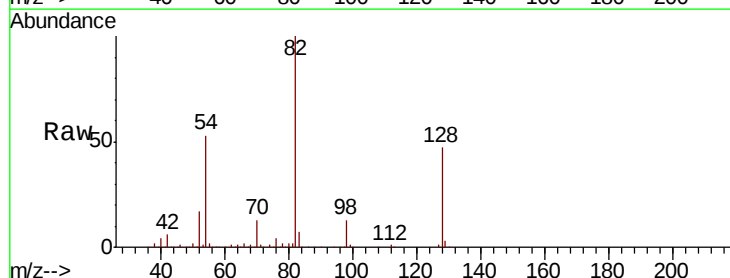
Ion Ratio Lower Upper

70 100

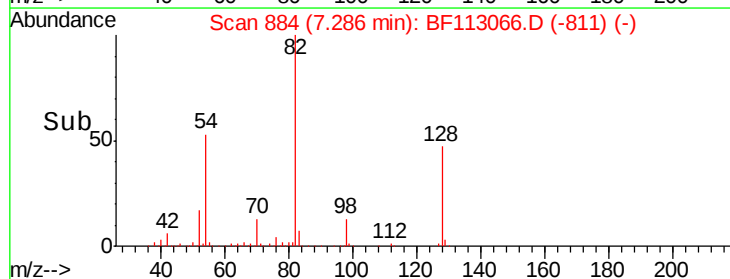
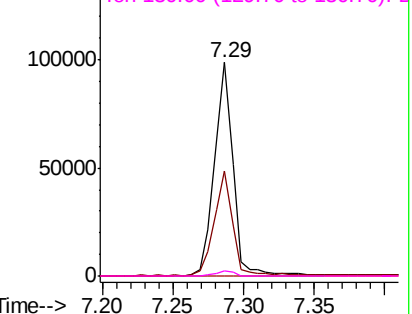
42 49.4 49.9 74.9#

101 0.0 7.4 11.2#

130 2.2 17.4 26.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
150000
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

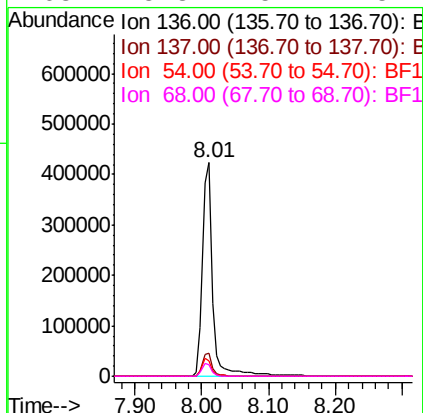
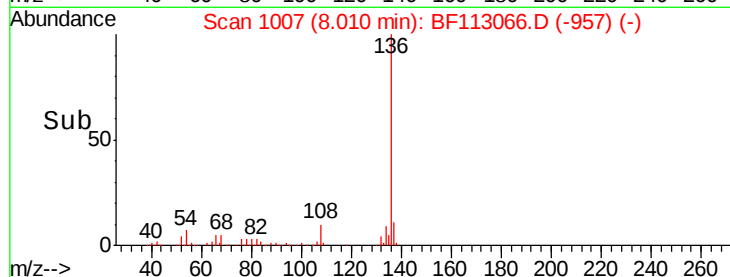
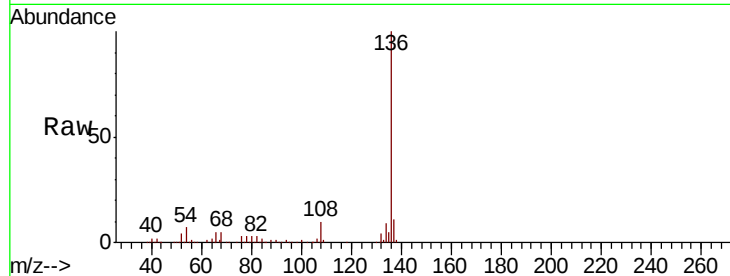




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113066.D
Acq: 15 Mar 2019 15:26

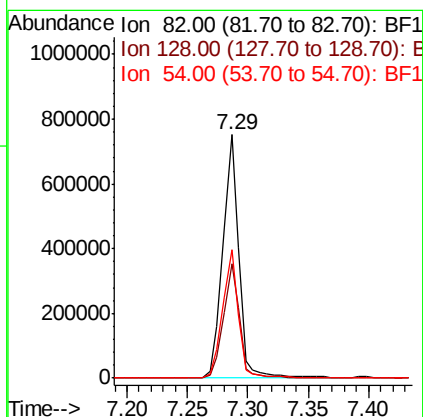
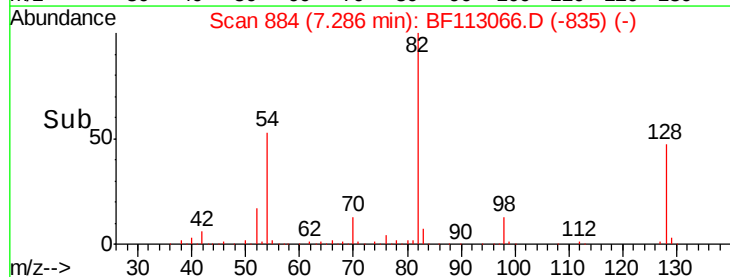
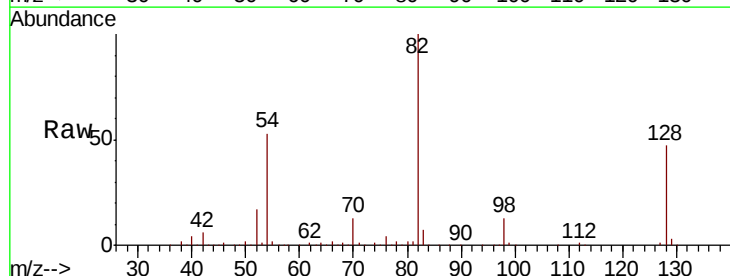
Instrument :
BNA_F
ClientSampleId :
282-346

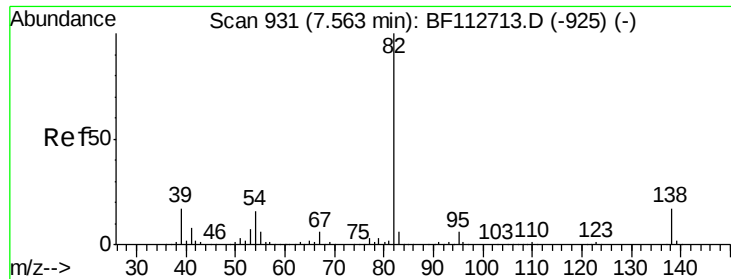
Tgt Ion:	136	Resp:	439469
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	7.3	10.9
68	5.3	5.4	8.2#



#23
Nitrobenzene-d5
Concen: 94.678 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113066.D
Acq: 15 Mar 2019 15:26

Tgt Ion:	82	Resp:	695348
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	52.9	43.7	65.5





#25

Isophorone

Concen: 43.365 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

Instrument :

BNA_F

ClientSampleId :

282-346

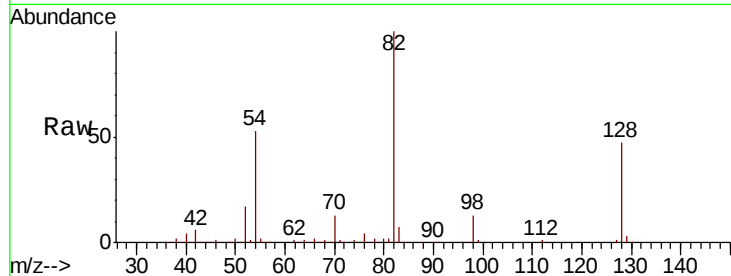
Tgt Ion: 82 Resp: 686132

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

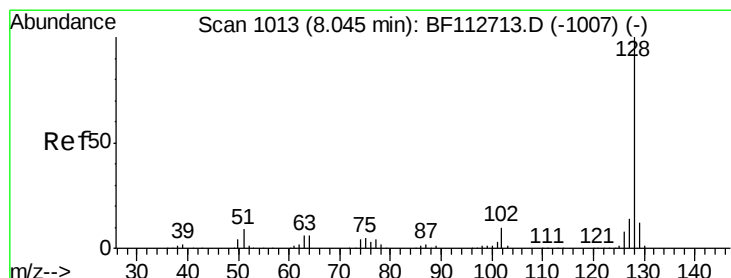
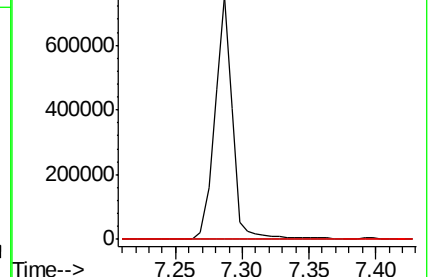
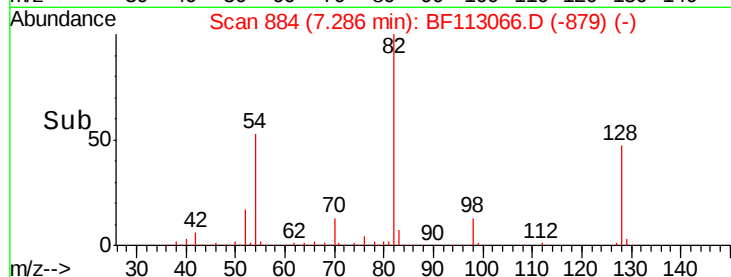
138 0.0 13.8 20.8#



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: 5.293 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

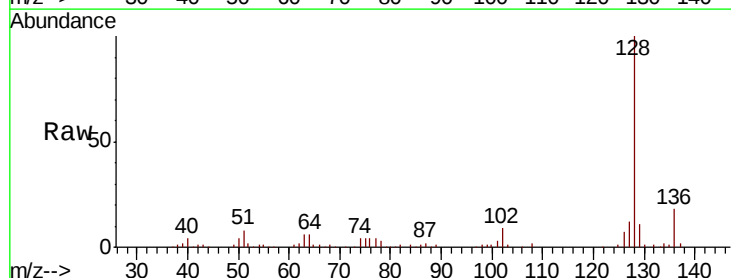
Tgt Ion: 128 Resp: 115493

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

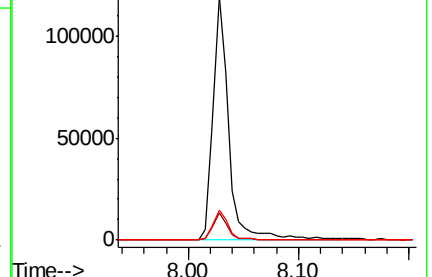
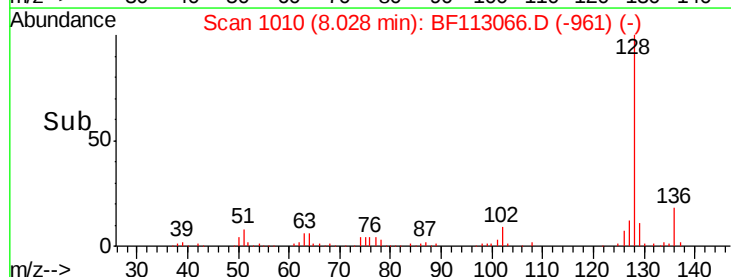
127 12.1 10.9 16.3



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

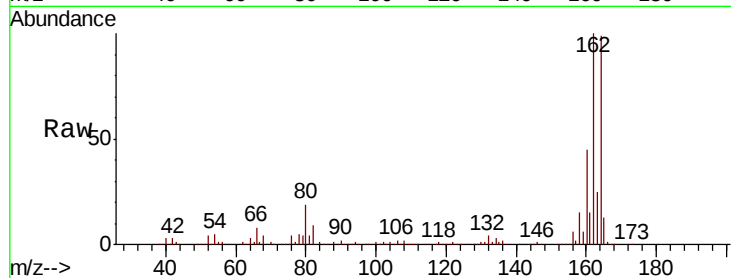




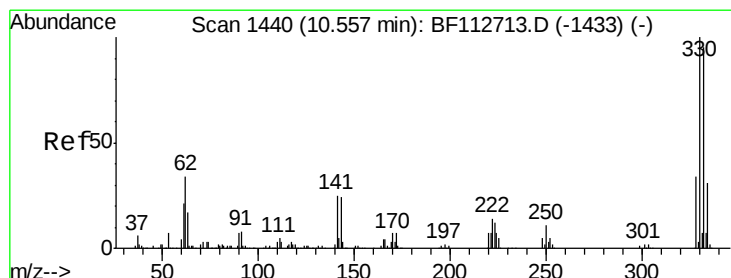
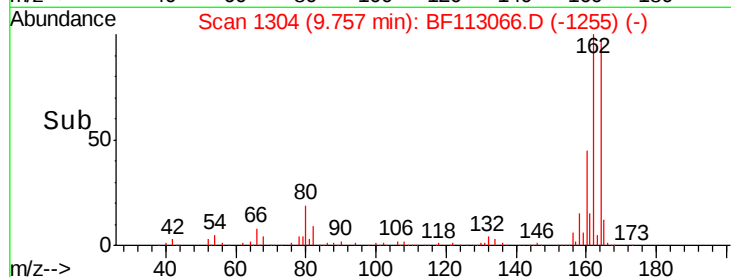
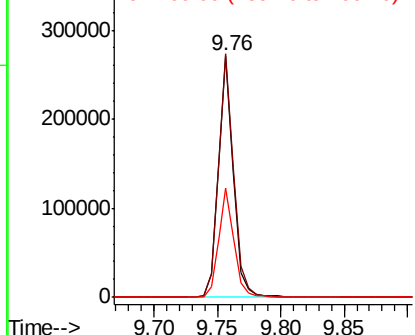
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113066.D
Acq: 15 Mar 2019 15:26

Instrument :
BNA_F
ClientSampleId :
282-346

Tgt Ion:164 Resp: 228402
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 45.3 36.0 54.0

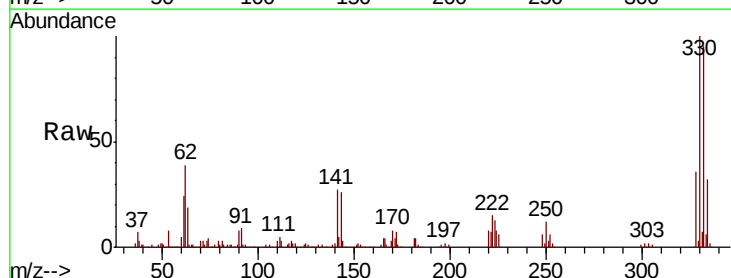


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

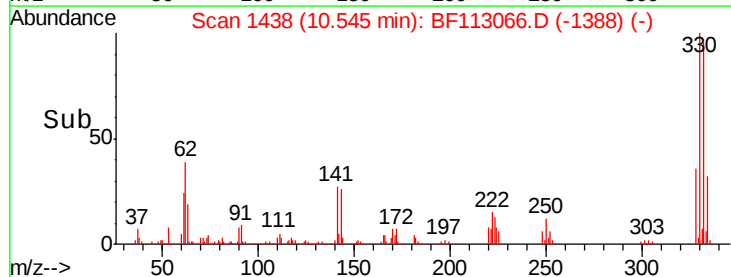
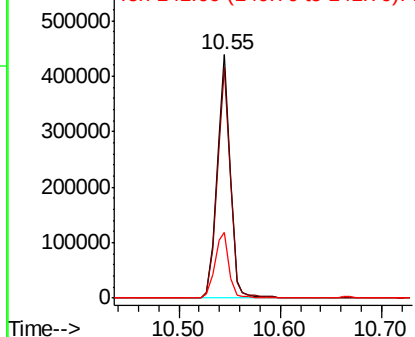


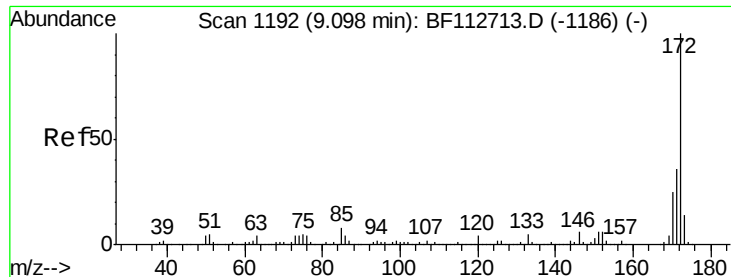
#42
2,4,6-Tribromophenol
Concen: 163.536 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113066.D
Acq: 15 Mar 2019 15:26

Tgt Ion:330 Resp: 396538
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 28.3 27.0 40.6



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

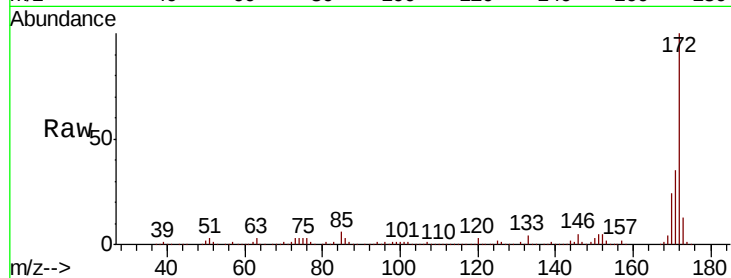




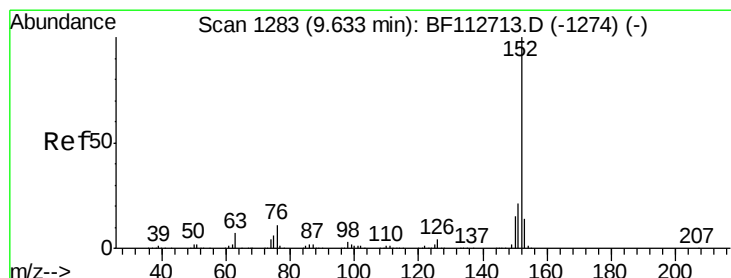
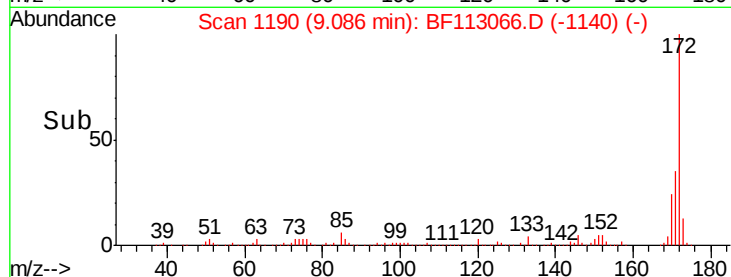
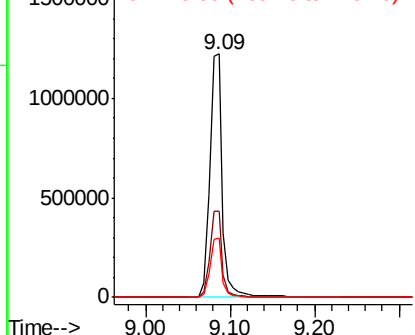
#45
 2-Fluorobiphenyl
 Concen: 96.108 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113066.D
 Acq: 15 Mar 2019 15:26

Instrument :
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 ClientSampleId :
 282-346

Tgt Ion:172 Resp: 1279398
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.4
 170 24.2 20.0 30.0

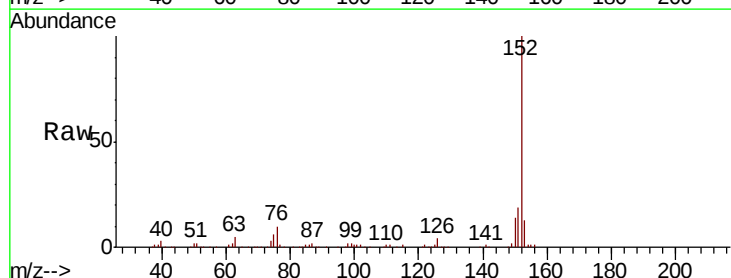


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

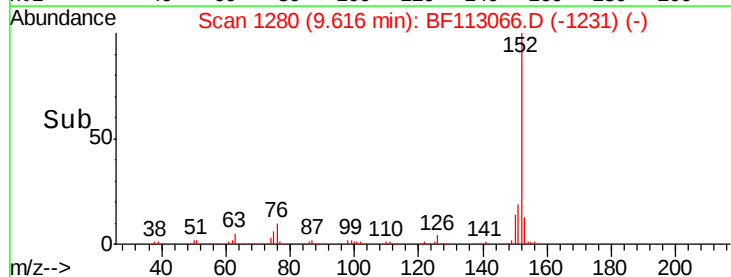
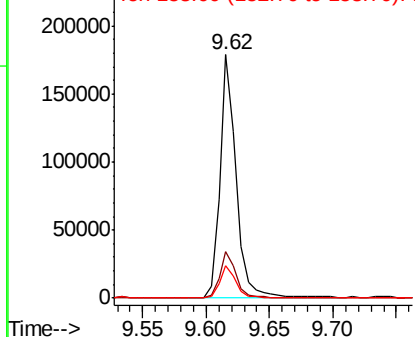


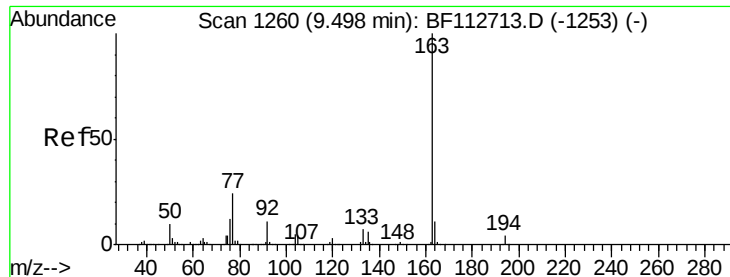
#49
 Acenaphthylene
 Concen: 6.528 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF113066.D
 Acq: 15 Mar 2019 15:26

Tgt Ion:152 Resp: 161204
 Ion Ratio Lower Upper
 152 100
 151 19.2 16.9 25.3
 153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

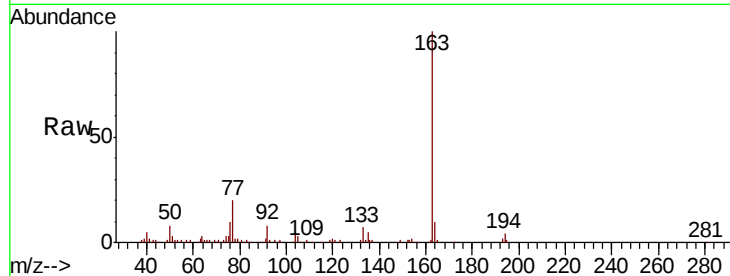




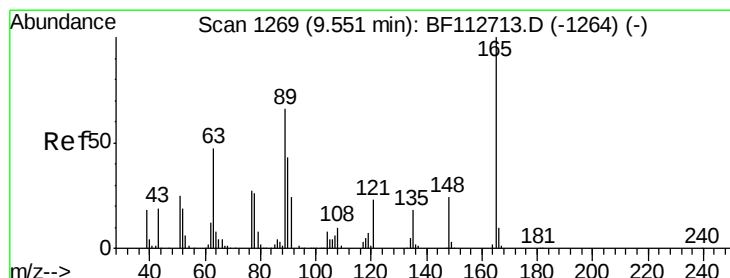
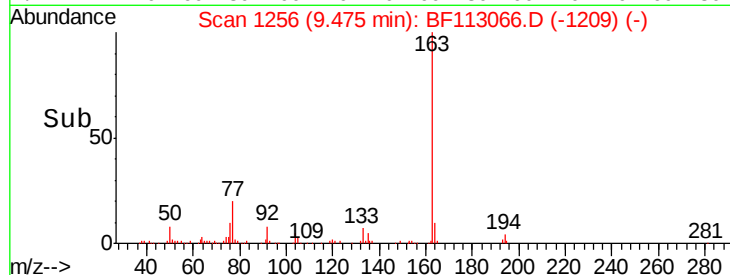
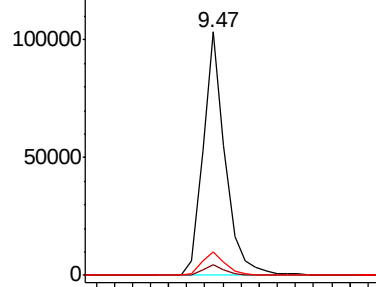
#50
Dimethylphthalate
Concen: 5.188 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113066.D
Acq: 15 Mar 2019 15:26

Instrument :
BNA_F
ClientSampleId :
282-346

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.8	8.4	12.6

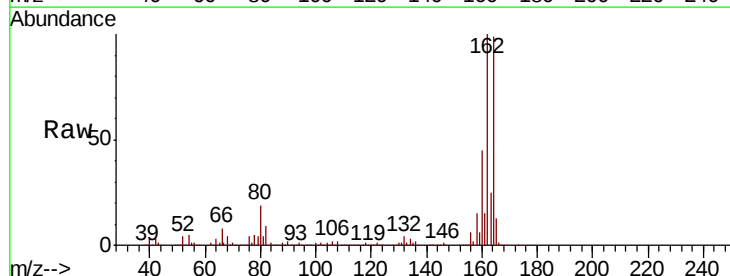


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

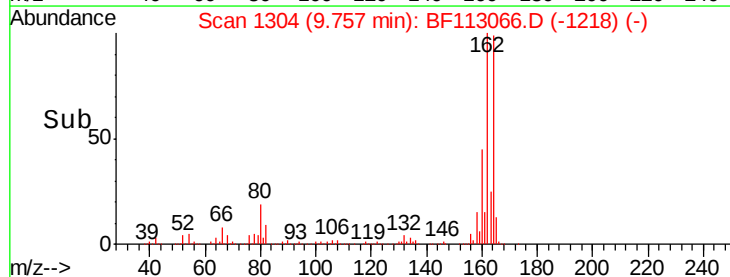
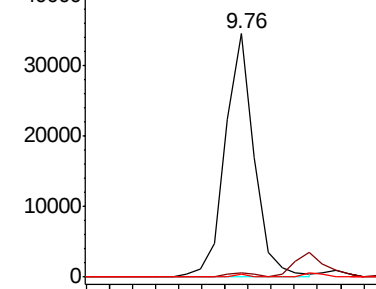


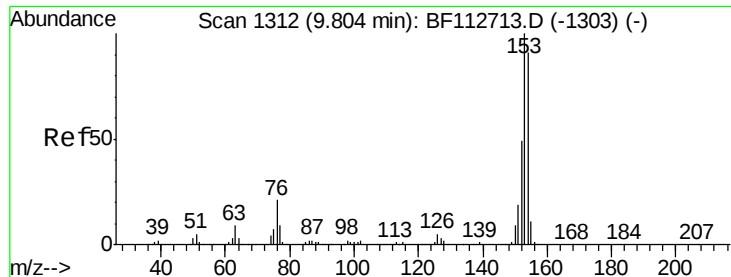
#51
2,6-Dinitrotoluene
Concen: 8.664 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113066.D
Acq: 15 Mar 2019 15:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	54.1	81.1#
89	1.4	52.8	79.2#



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: 2.684 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

Instrument :

BNA_F

ClientSampleId :

282-346

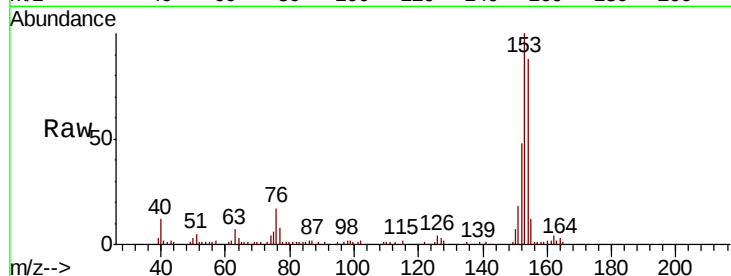
Tgt Ion:154 Resp: 38761

Ion Ratio Lower Upper

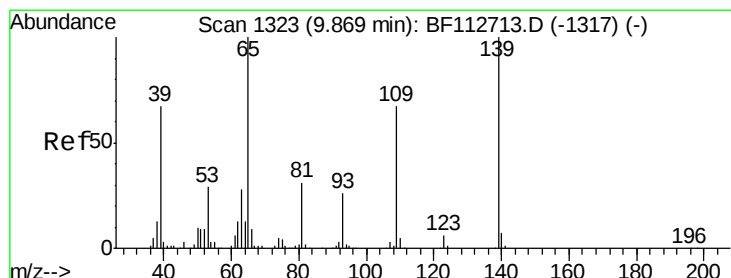
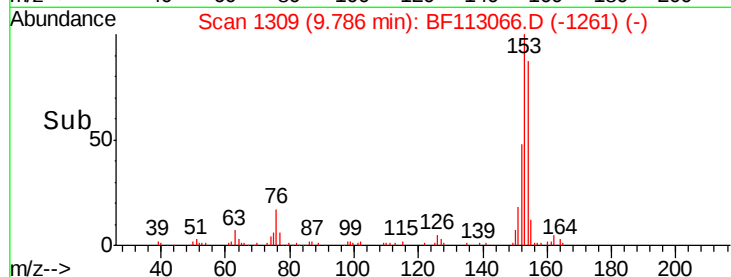
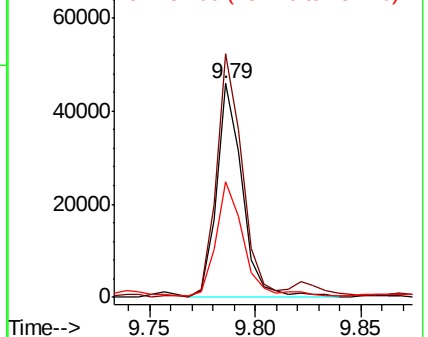
154 100

153 113.9 87.8 131.8

152 54.2 43.0 64.6



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



#56

4-Nitrophenol

Concen: 4.282 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.08 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

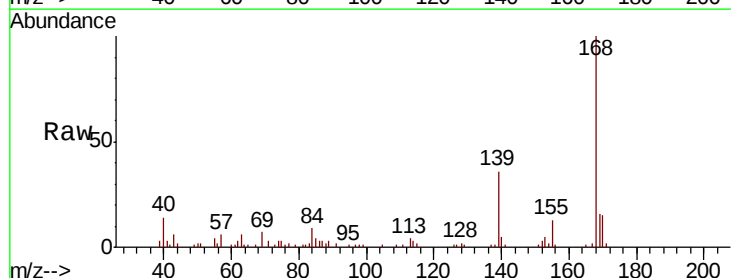
Tgt Ion:139 Resp: 14872

Ion Ratio Lower Upper

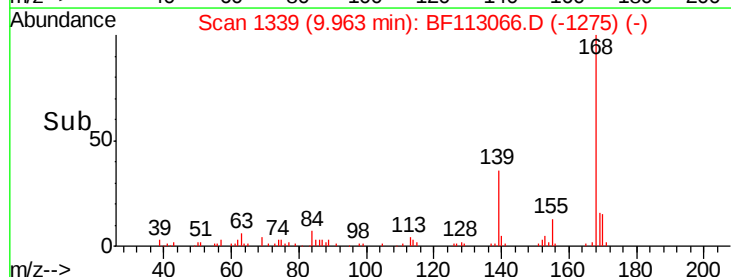
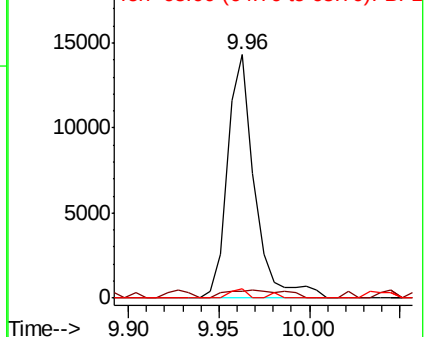
139 100

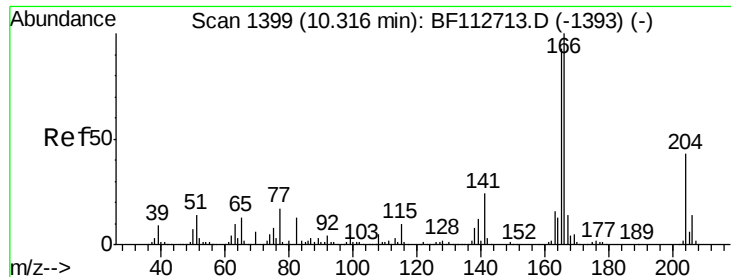
109 2.8 46.8 86.8#

65 3.8 80.7 120.7#



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: 5.063 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

Instrument :

BNA_F

ClientSampleId :

282-346

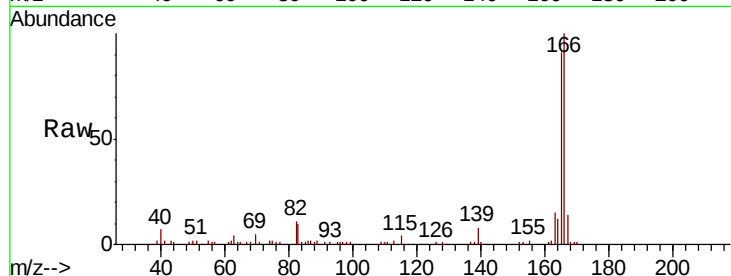
Tgt Ion:166 Resp: 75428

Ion Ratio Lower Upper

166 100

165 91.1 74.7 112.1

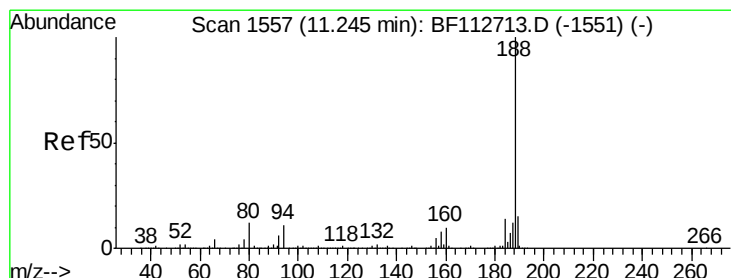
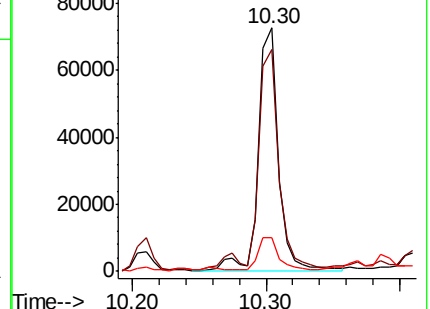
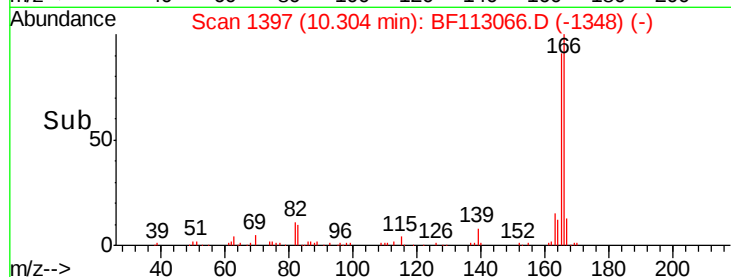
167 13.7 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

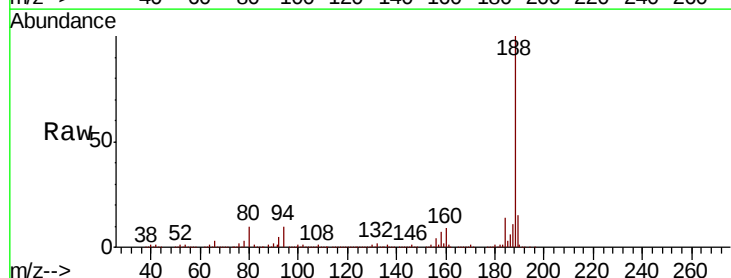
Tgt Ion:188 Resp: 489139

Ion Ratio Lower Upper

188 100

94 9.7 9.0 13.4

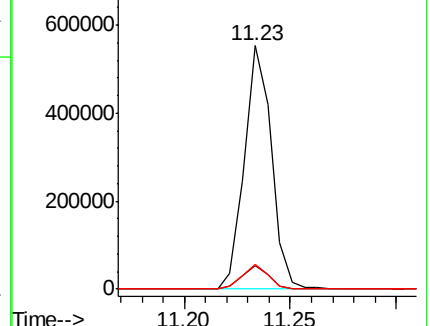
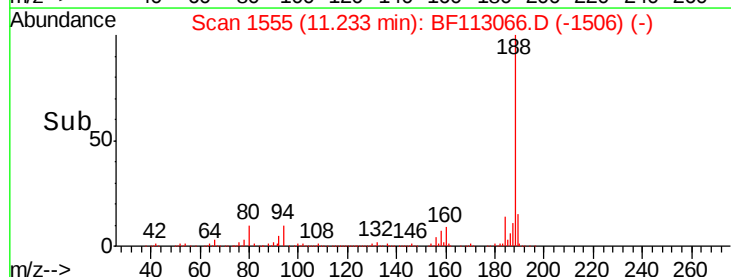
80 10.0 9.2 13.8

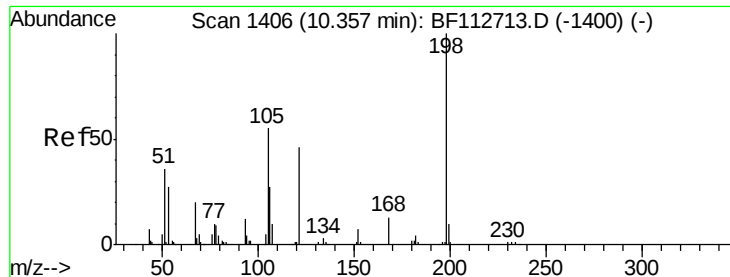


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 4.891 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

Instrument :

BNA_F

ClientSampleId :

282-346

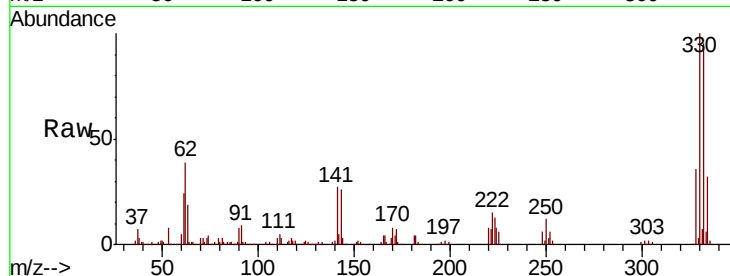
Tgt Ion:198 Resp: 618

Ion Ratio Lower Upper

198 100

51 227.3 43.8 83.8#

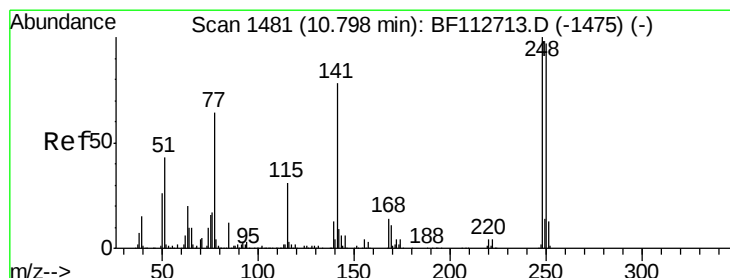
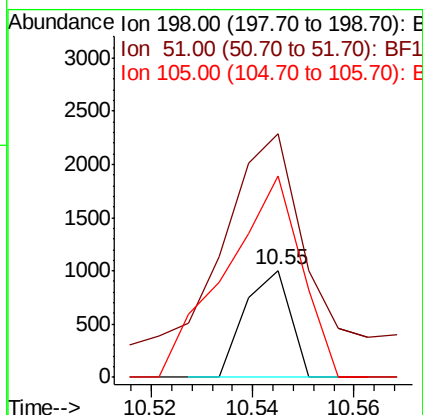
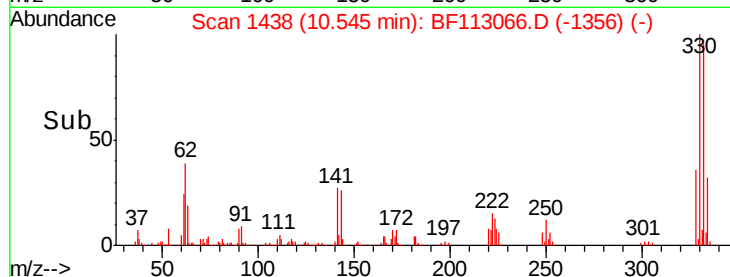
105 187.9 36.5 76.5#



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: 4.358 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.25 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

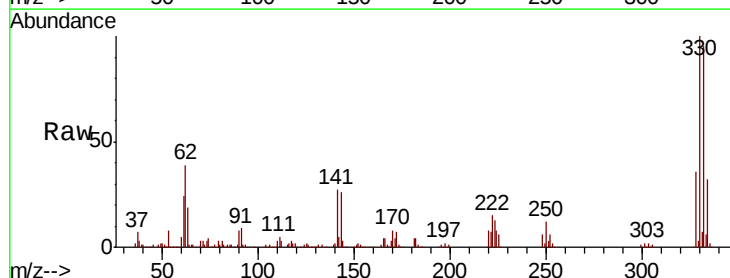
Tgt Ion:248 Resp: 22453

Ion Ratio Lower Upper

248 100

250 202.8 77.5 116.3#

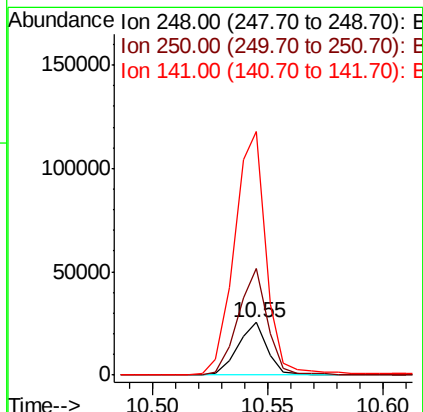
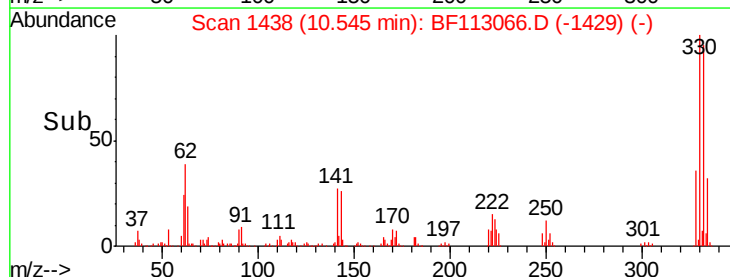
141 464.4 62.4 93.6#

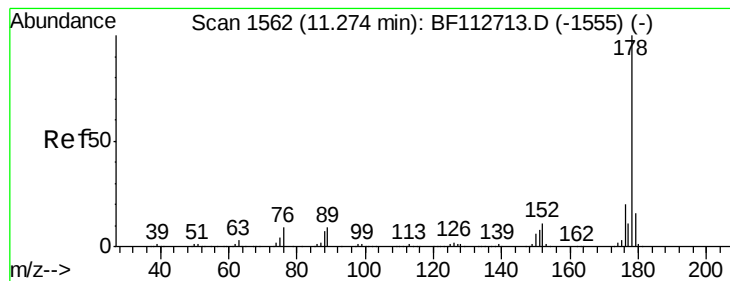


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 39.754 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

Instrument :

BNA_F

ClientSampleId :

282-346

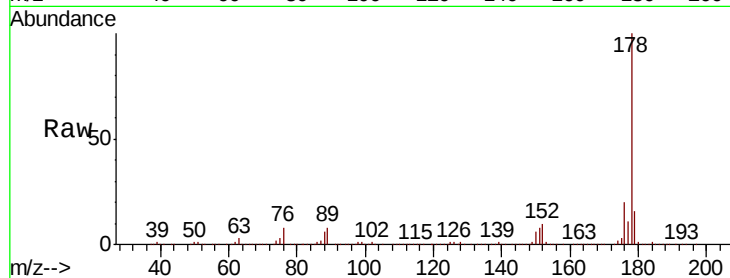
Tgt Ion:178 Resp: 967484

Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

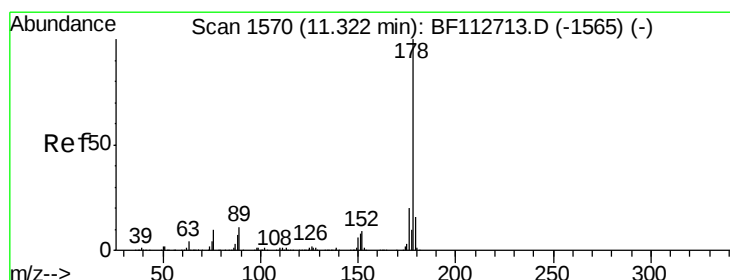
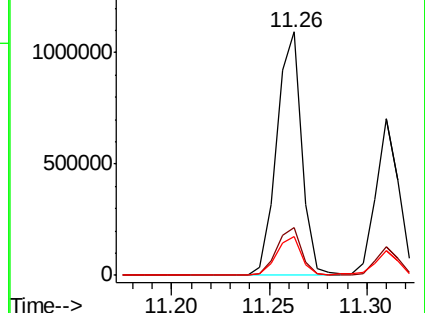
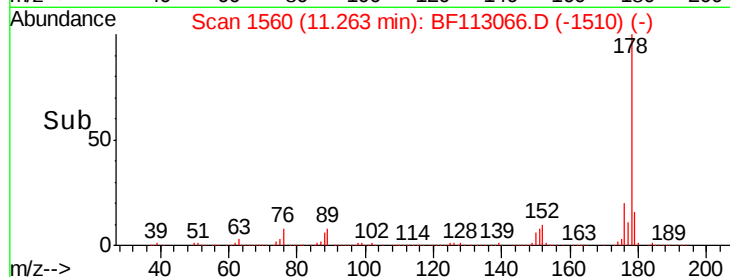
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 23.404 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

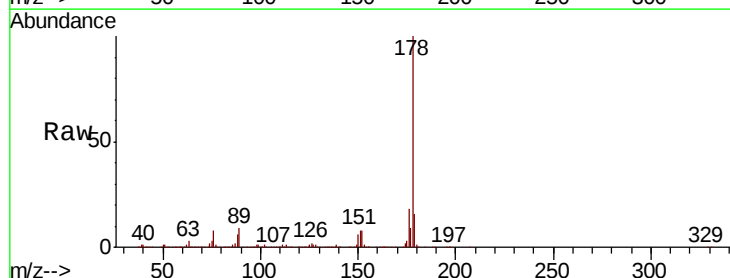
Tgt Ion:178 Resp: 596219

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.6

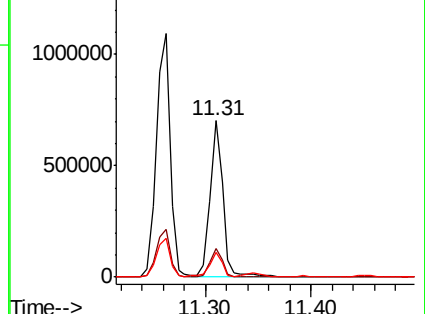
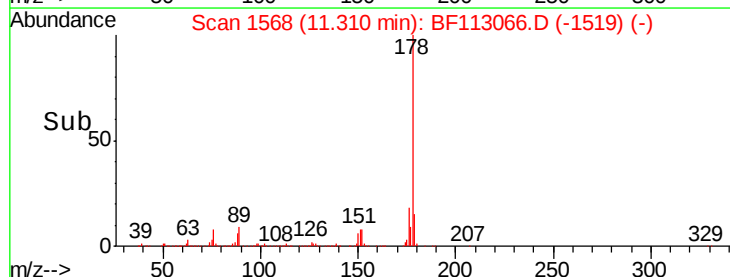
179 15.6 13.0 19.6

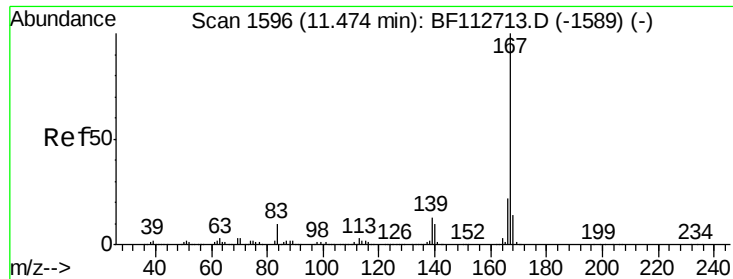


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

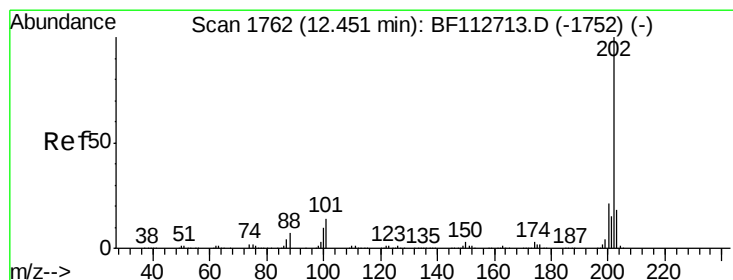
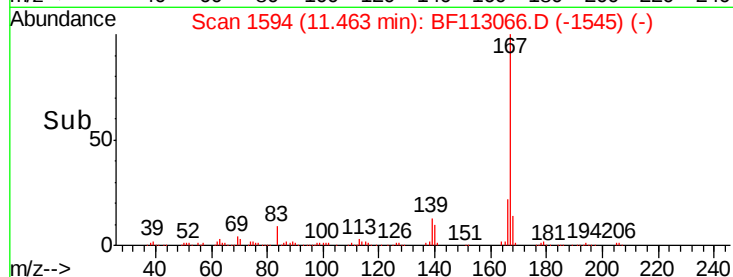
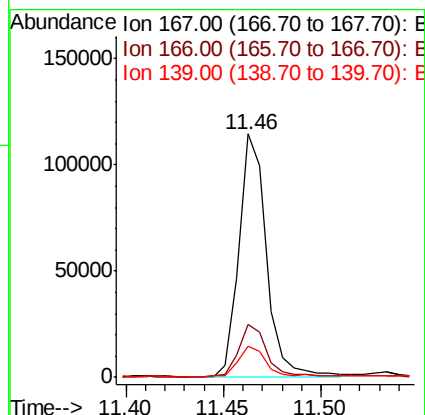
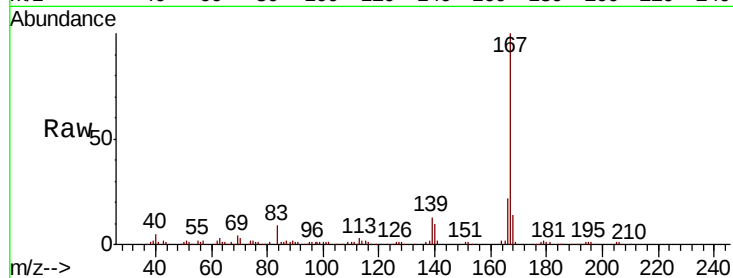




#73
 Carbazole
 Concen: 4.534 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF113066.D
 Acq: 15 Mar 2019 15:26

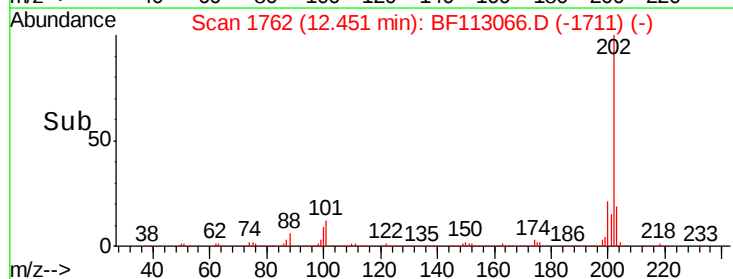
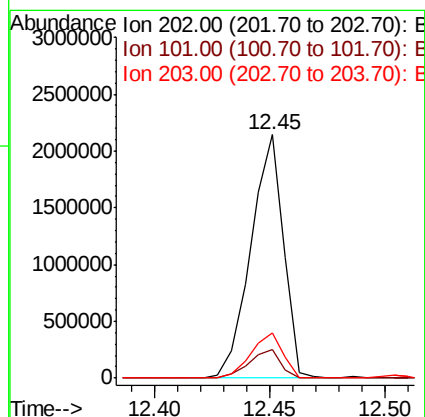
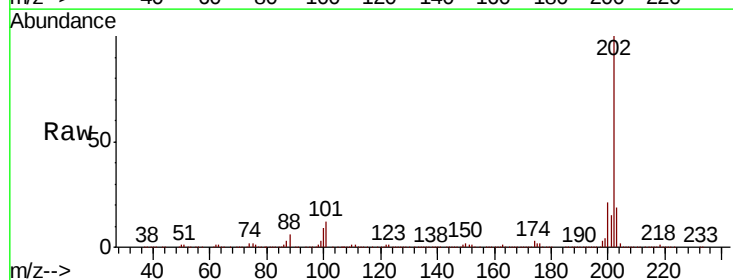
Instrument :
 BNA_F
 ClientSampleId :
 282-346

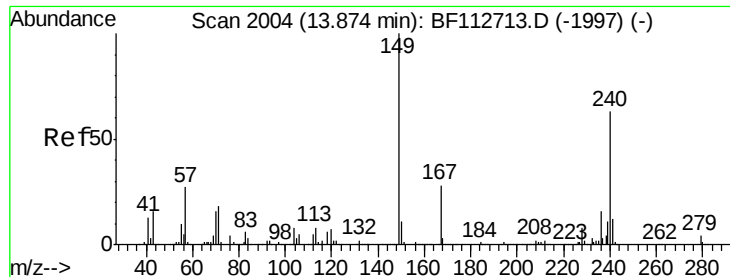
Tgt Ion:167 Resp: 112675
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 12.9 10.8 16.2



#75
 Fluoranthene
 Concen: 81.287 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BF113066.D
 Acq: 15 Mar 2019 15:26

Tgt Ion:202 Resp: 2119471
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 33.8
 203 18.6 0.0 38.4

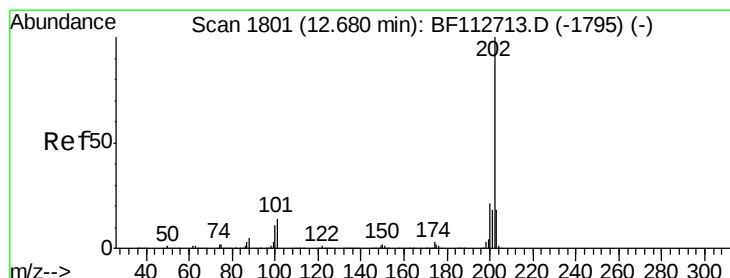
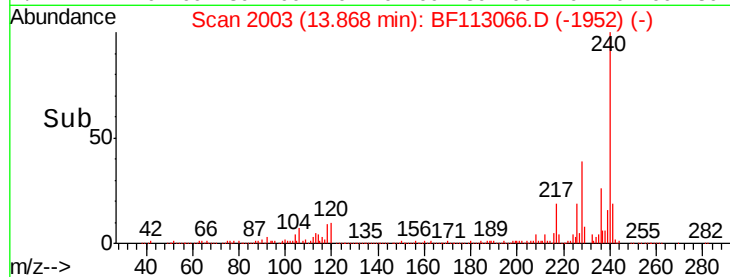
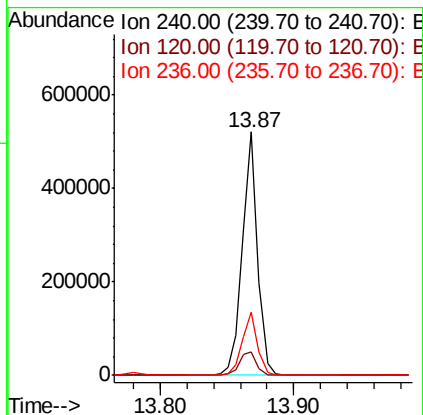
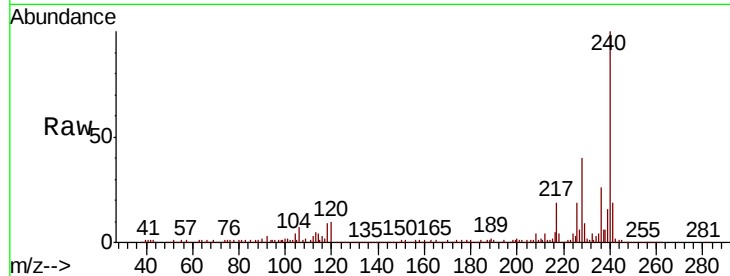




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113066.D
Acq: 15 Mar 2019 15:26

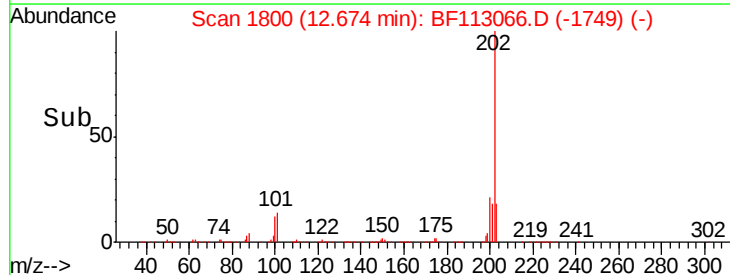
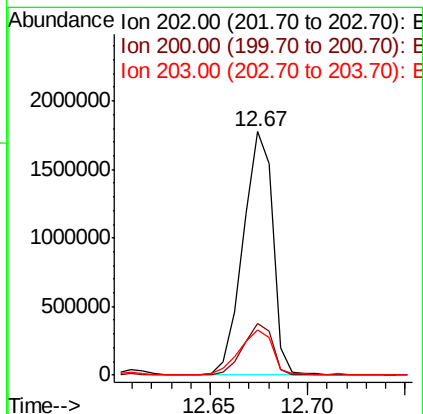
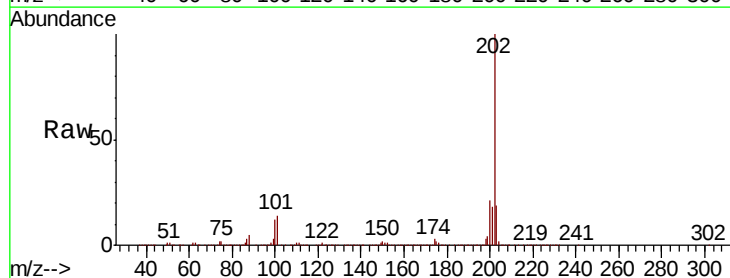
Instrument :
BNA_F
ClientSampleId :
282-346

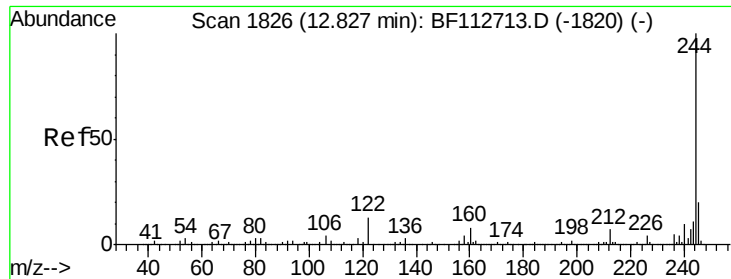
Tgt Ion:240 Resp: 413026
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 26.1 20.7 31.1



#78
Pyrene
Concen: 53.643 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF113066.D
Acq: 15 Mar 2019 15:26

Tgt Ion:202 Resp: 1867785
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.6 14.4 21.6

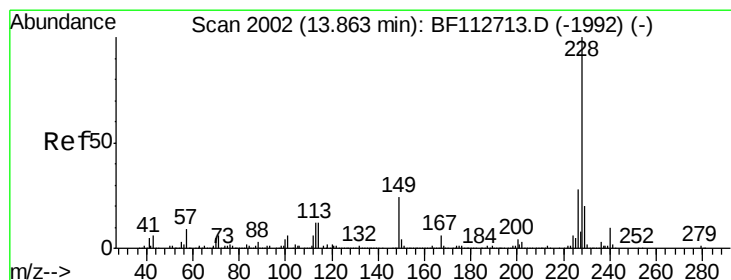
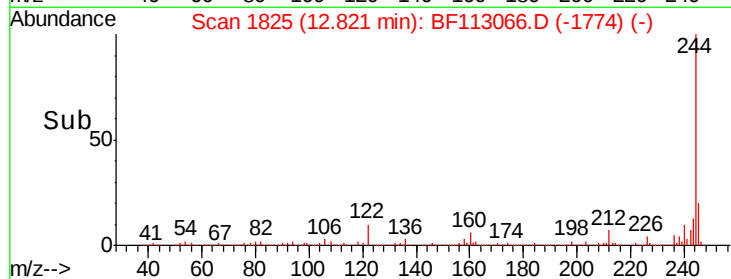
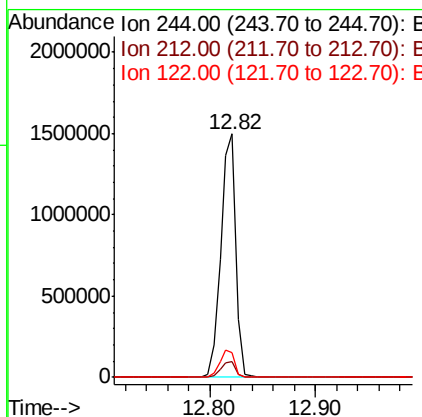
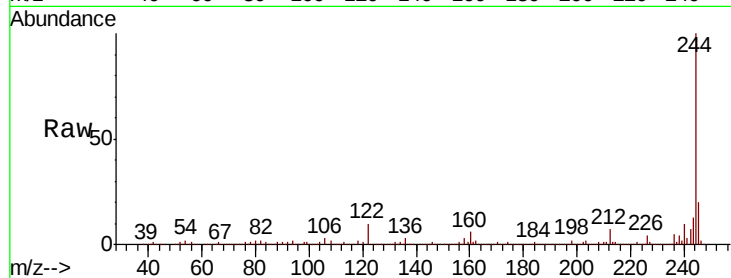




#79
 Terphenyl-d14
 Concen: 69.946 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113066.D
 Acq: 15 Mar 2019 15:26

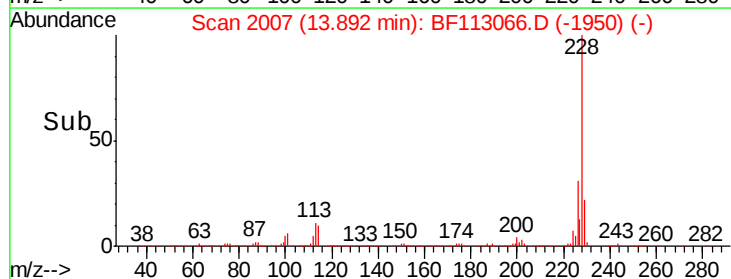
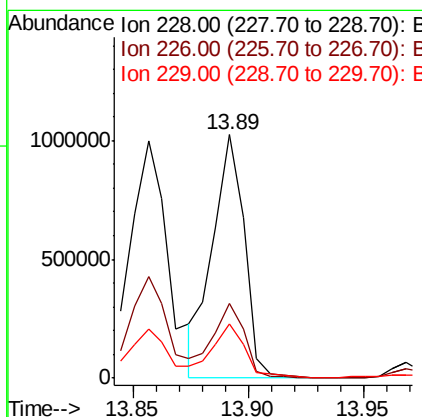
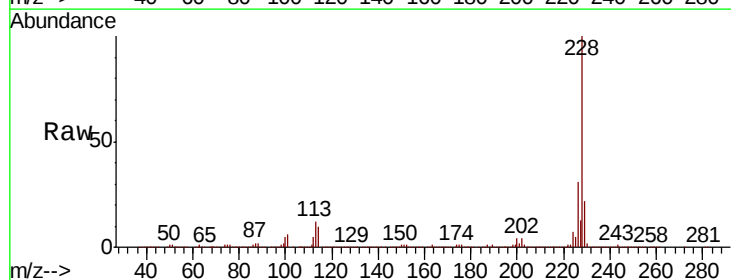
Instrument :
 BNA_F
 ClientSampleId :
 282-346

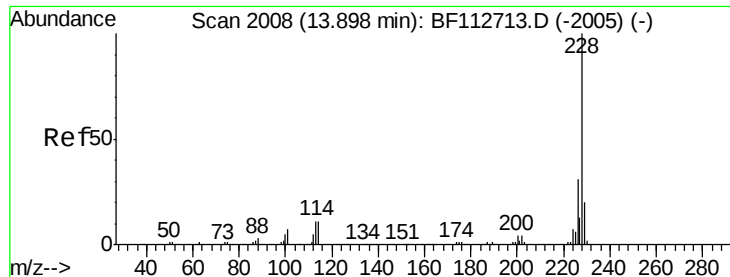
Tgt Ion:244 Resp: 1490315
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.0 10.5 15.7#



#81
 Benzo(a)anthracene
 Concen: 34.004 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.04 min
 Lab File: BF113066.D
 Acq: 15 Mar 2019 15:26

Tgt Ion:228 Resp: 973389
 Ion Ratio Lower Upper
 228 100
 226 30.8 22.2 33.4
 229 22.4 16.0 24.0





#83

Chrysene

Concen: 34.715 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

Instrument :

BNA_F

ClientSampled :

282-346

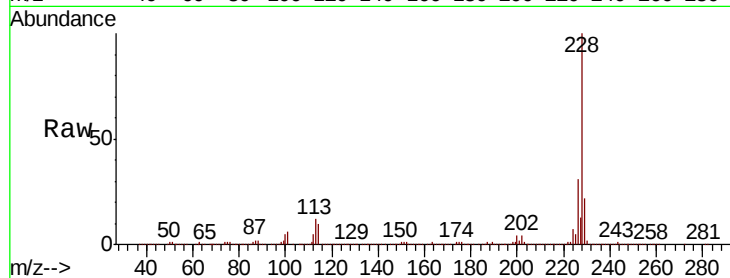
Tgt Ion:228 Resp: 973389

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

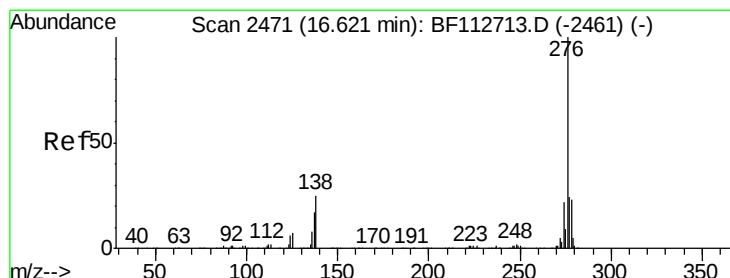
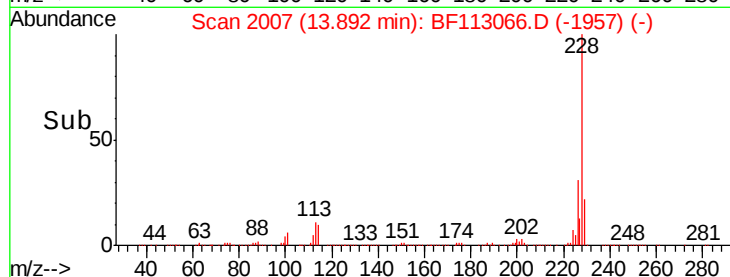
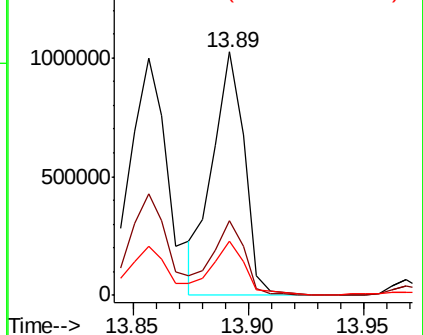
229 22.4 16.3 24.5



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: 5.227 ng

RT: 16.49 min Scan# 2448

Delta R.T. -0.15 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

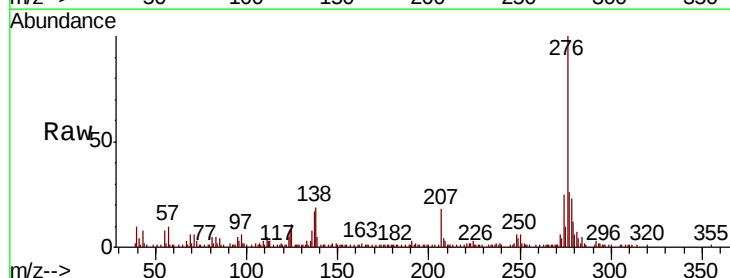
Tgt Ion:276 Resp: 124953

Ion Ratio Lower Upper

276 100

138 23.2 23.2 34.8

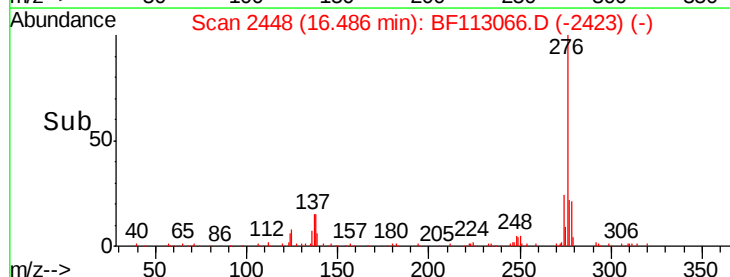
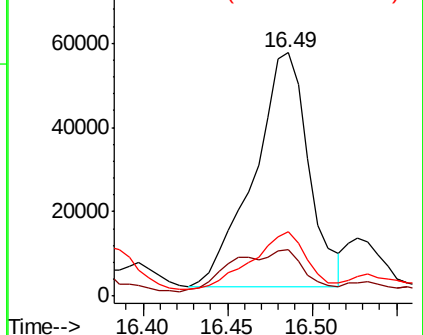
277 24.8 19.9 29.9

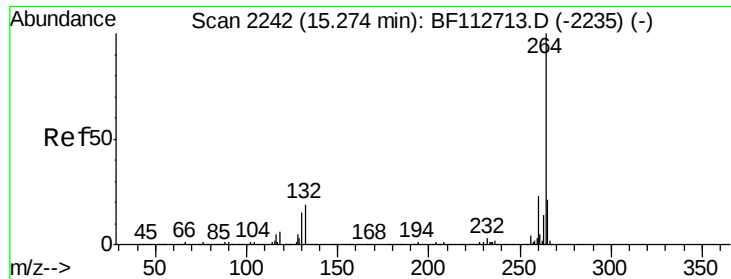


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

Instrument :

BNA_F

ClientSampleId :

282-346

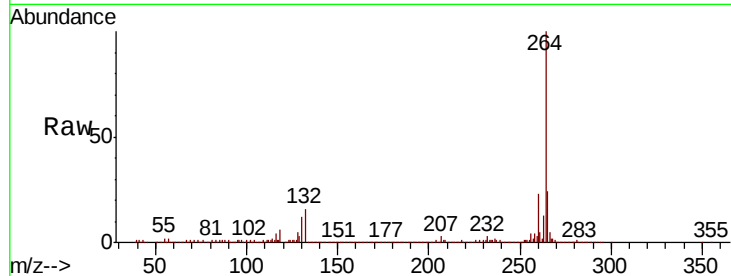
Tgt Ion:264 Resp: 428851

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 23.6 17.2 25.8

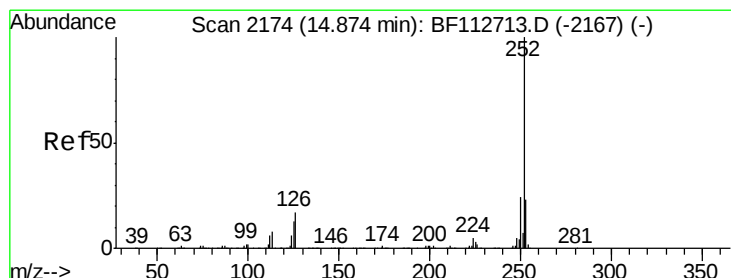
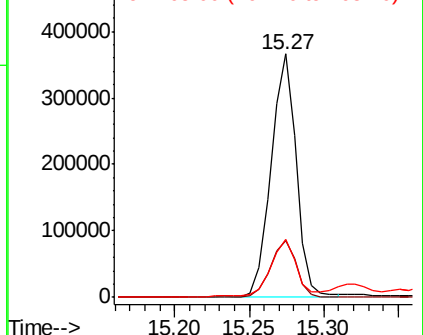
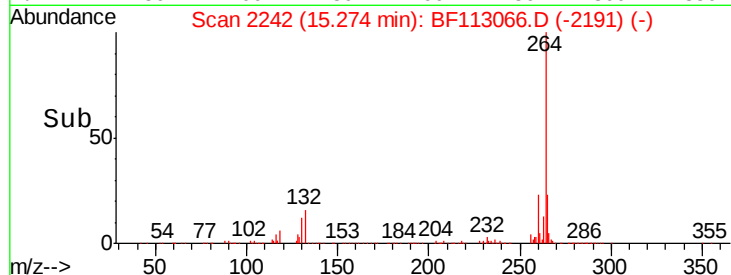


Abundance

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: 65.143 ng

RT: 14.88 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

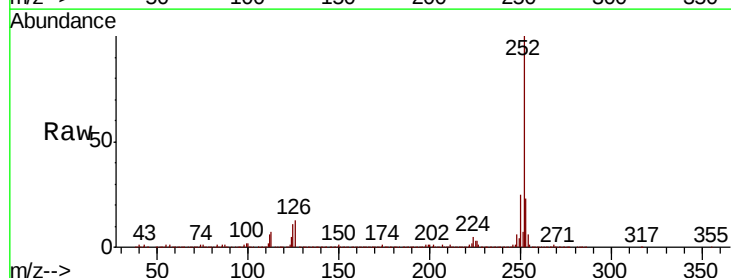
Tgt Ion:252 Resp: 1807014

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

125 11.0 10.2 15.2

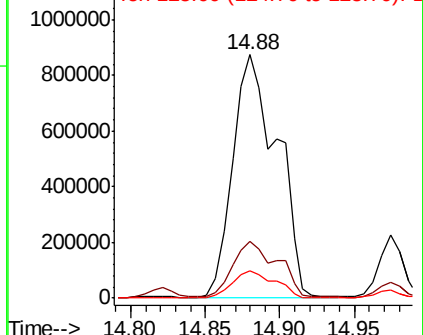
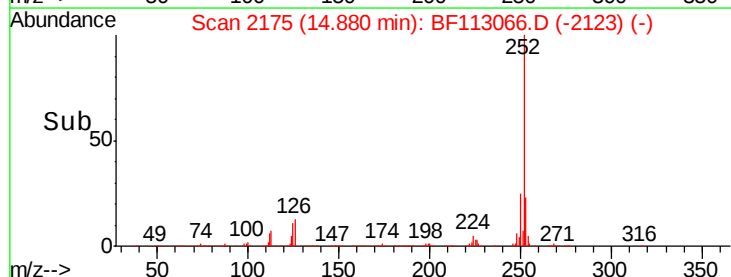


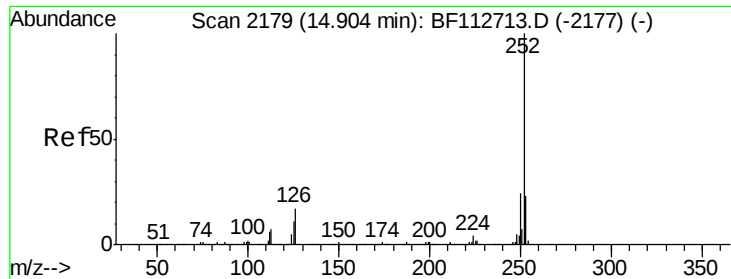
Abundance

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

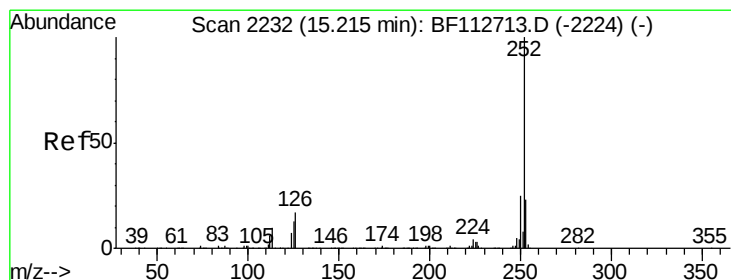
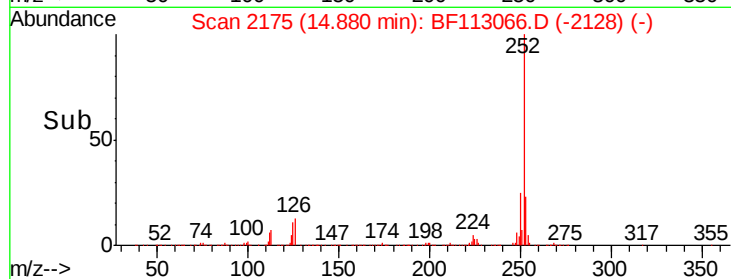
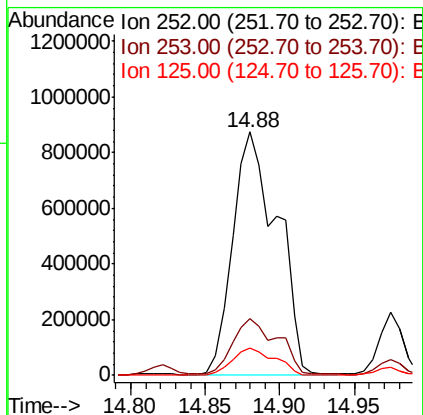
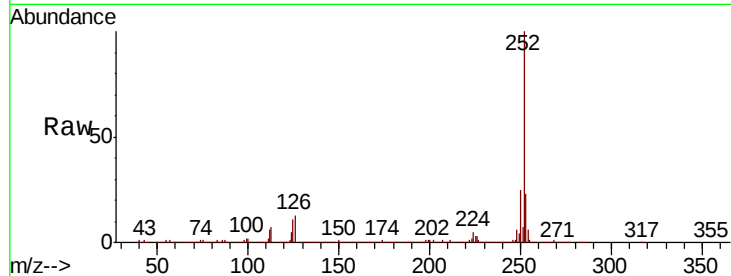




#89
Benzo(k)fluoranthene
Concen: 71.917 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF113066.D
Acq: 15 Mar 2019 15:26

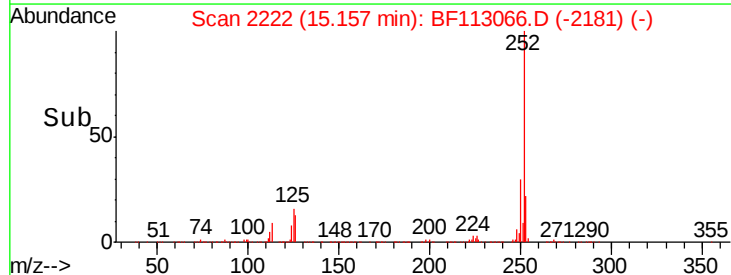
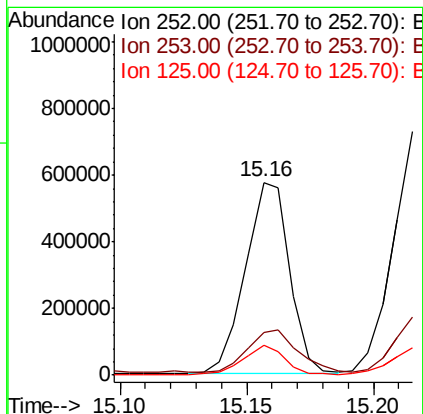
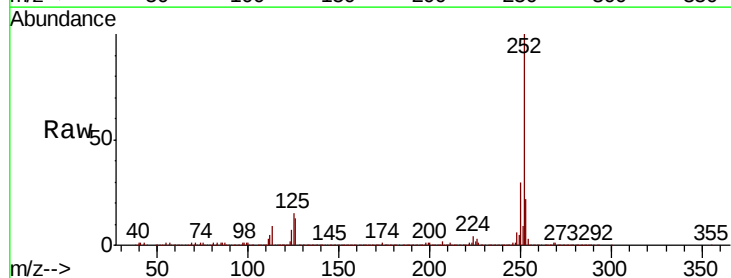
Instrument :
BNA_F
ClientSampleId :
282-346

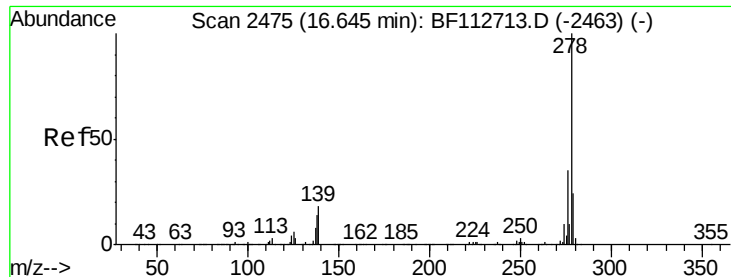
Tgt Ion:252 Resp: 1807014
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 11.0 9.8 14.6



#90
Benzo(a)pyrene
Concen: 28.376 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.06 min
Lab File: BF113066.D
Acq: 15 Mar 2019 15:26

Tgt Ion:252 Resp: 696233
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 15.3 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 9.059 ng

RT: 16.64 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

Instrument :

BNA_F

ClientSampleId :

282-346

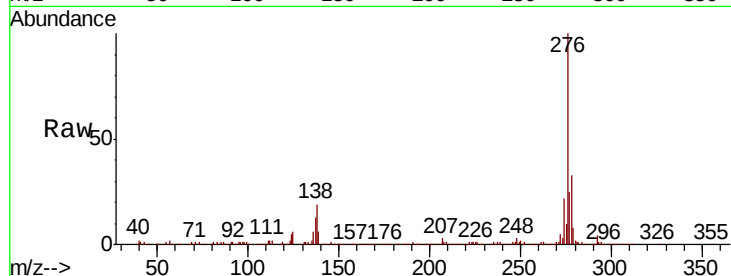
Tgt Ion: 278 Resp: 189667

Ion Ratio Lower Upper

278 100

139 16.9 14.3 21.5

279 25.1 19.4 29.0

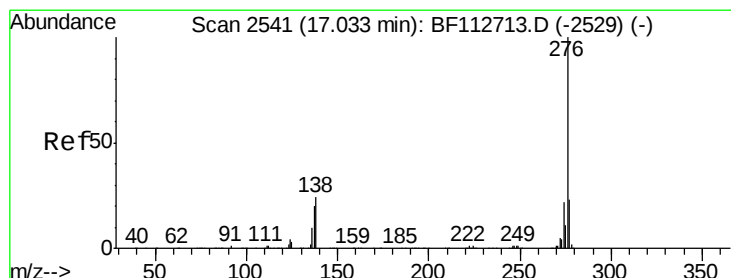
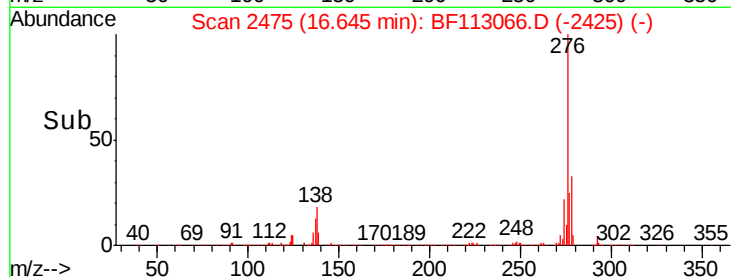
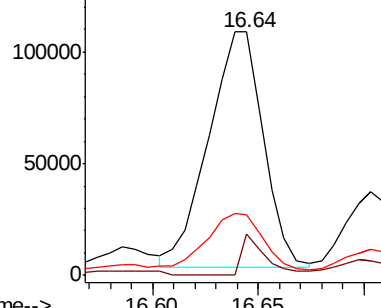


Abundance

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: 33.581 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BF113066.D

Acq: 15 Mar 2019 15:26

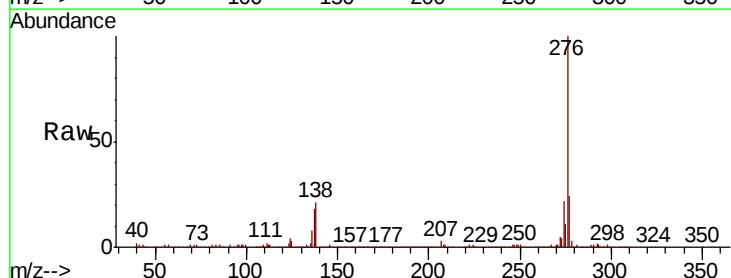
Tgt Ion: 276 Resp: 705996

Ion Ratio Lower Upper

276 100

277 24.4 18.6 27.8

138 20.7 19.4 29.0



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

