

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
 Data File : BF112518.D
 Acq On : 12 Feb 2019 20:27
 Operator : JU/SJ
 Sample : K1343-15 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-H

Quant Time: Feb 13 03:40:26 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	6.83	152	105093	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	382603	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	157636	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	255540	20.00	ng	0.00
76) Chrysene-d12	14.02	240	220856	20.00	ng	0.00
87) Perylene-d12	15.50	264	166624	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	385765	77.97	ng	-0.01
7) Phenol-d6	6.49	99	477736	69.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	281222	42.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	100022	54.51	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	540682	48.51	ng	-0.01
79) Terphenyl-d14	12.94	244	481725	41.08	ng	0.00

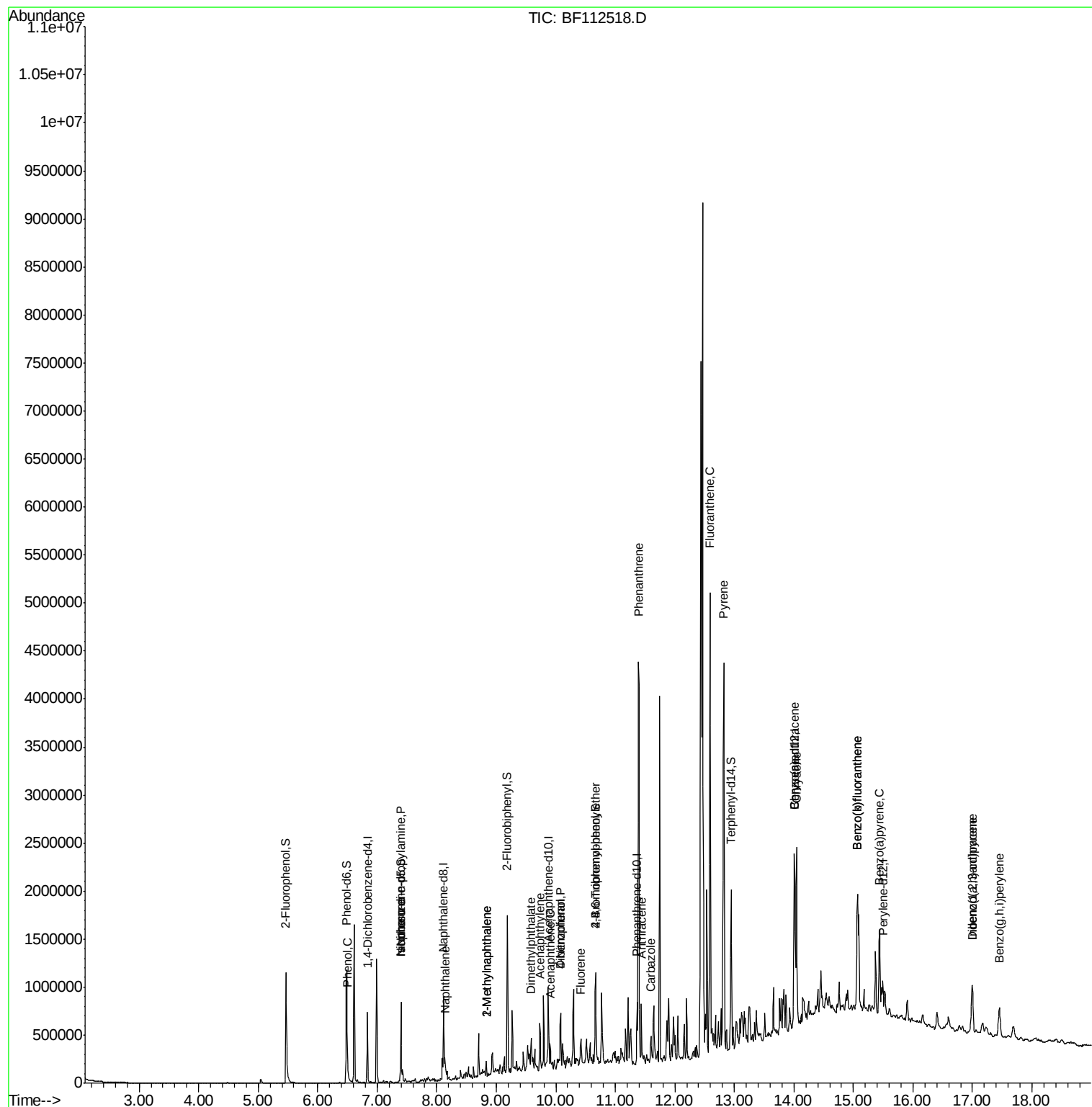
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.50	94	27851	3.692	ng	93
19) n-Nitroso-di-n-propylamine	7.40	70	41112	8.672	ng	# 77
25) Isophorone	7.40	82	284001	27.263	ng	# 64
31) Naphthalene	8.14	128	88988	4.974	ng	98
37) 2-Methylnaphthalene	8.83	142	50126	4.092	ng	97
38) 1-Methylnaphthalene	8.83	142	50126	4.270	ng	99
49) Acenaphthylene	9.73	152	177888	11.357	ng	99
50) Dimethylphthalate	9.59	163	45494	3.715	ng	99
52) Acenaphthene	9.90	154	41965	4.485	ng	97
55) Dibenzofuran	10.08	168	185192	12.951	ng	97
56) 4-Nitrophenol	10.08	139	73283	46.645	ng	# 15
58) Fluorene	10.42	166	63572	5.941	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	6113	2.034	ng	# 1
71) Phenanthrene	11.39	178	1747014	131.501	ng	99
72) Anthracene	11.44	178	246138	18.599	ng	99
73) Carbazole	11.60	167	84253	6.454	ng	98
75) Fluoranthene	12.59	202	2037181	142.969	ng	99
78) Pyrene	12.82	202	1813300	118.588	ng	100
81) Benzo(a)anthracene	14.01	228	655276	50.472	ng	98
83) Chrysene	14.04	228	686458	55.391	ng	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	269106	27.404	ng	# 91
88) Benzo(b)fluoranthene	15.07	252	910637	91.384	ng	97
89) Benzo(k)fluoranthene	15.07	252	910637	95.405	ng	98
90) Benzo(a)pyrene	15.44	252	443000	49.407	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	62276	8.618	ng	# 86
92) Benzo(g,h,i)perylene	17.45	276	250071	36.680	ng	97

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

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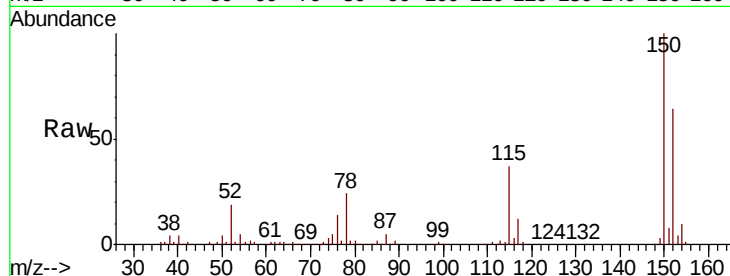


#1

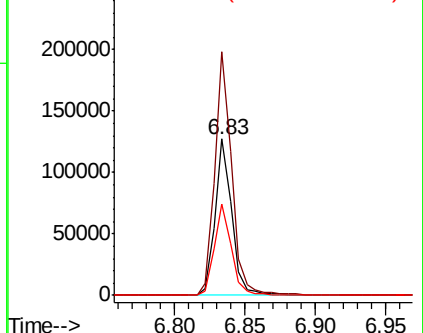
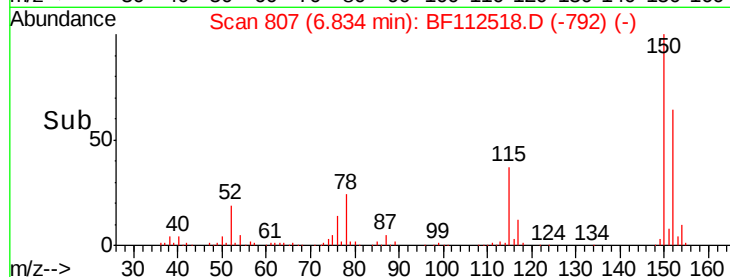
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

Tgt Ion:152 Resp: 105093
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 58.2 45.5 68.3



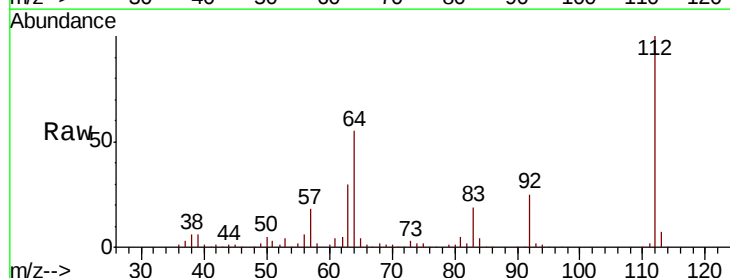
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



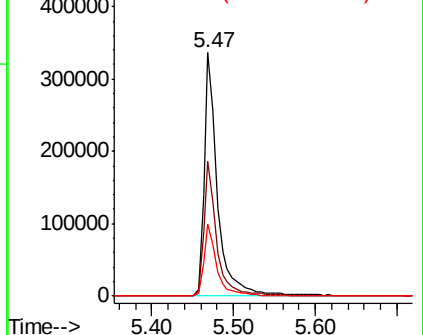
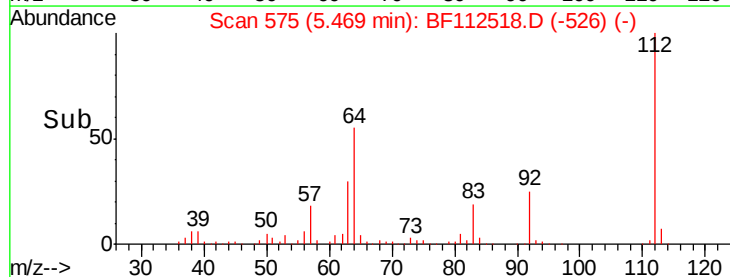
#5

2-Fluorophenol
Concen: 77.968 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

Tgt Ion:112 Resp: 385765
Ion Ratio Lower Upper
112 100
64 55.2 45.7 68.5
63 29.6 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: 69.488 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-H

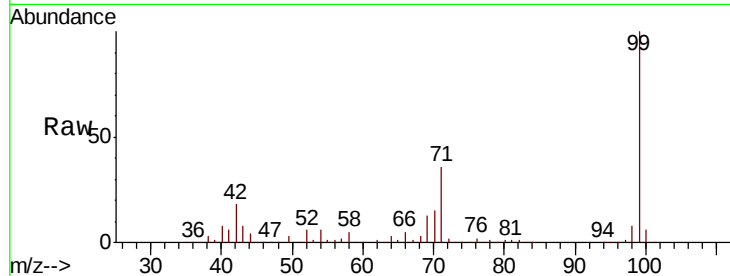
Tgt Ion: 99 Resp: 477736

Ion Ratio Lower Upper

99 100

42 17.6 15.1 22.7

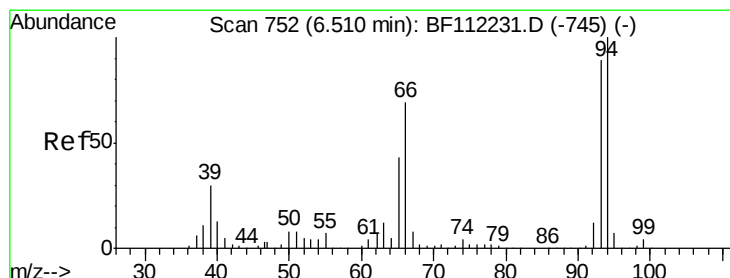
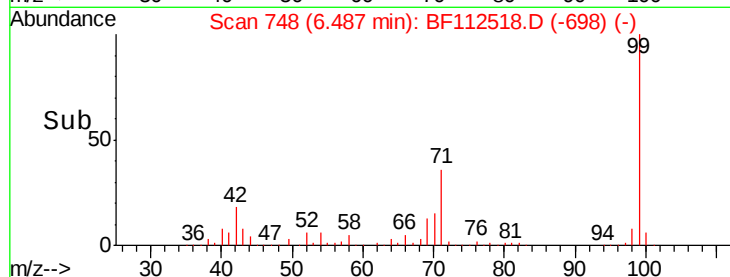
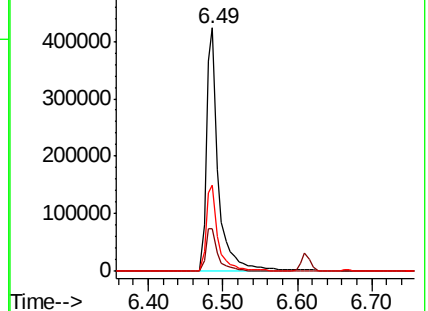
71 35.6 26.9 40.3



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: 3.692 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

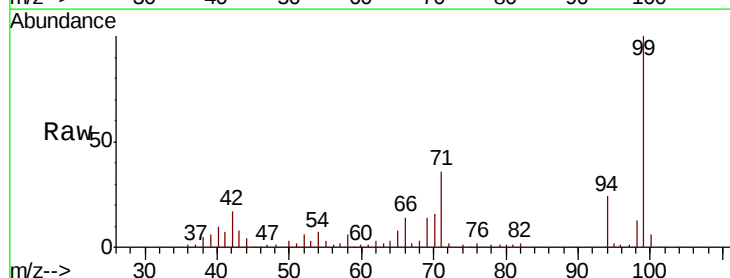
Tgt Ion: 94 Resp: 27851

Ion Ratio Lower Upper

94 100

65 33.2 20.3 60.3

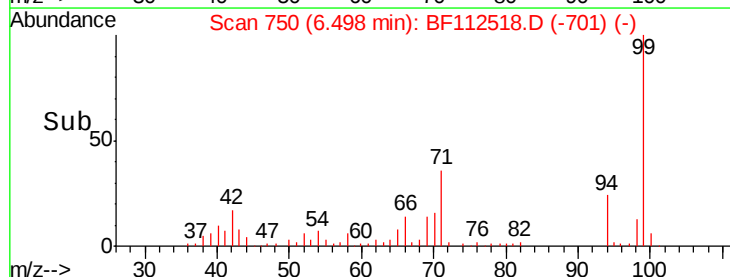
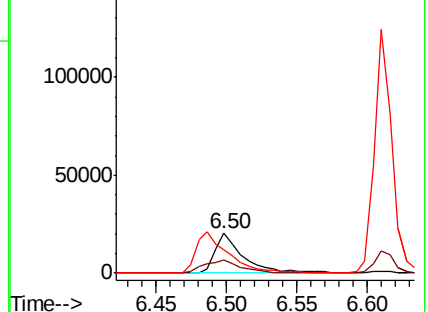
66 59.3 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

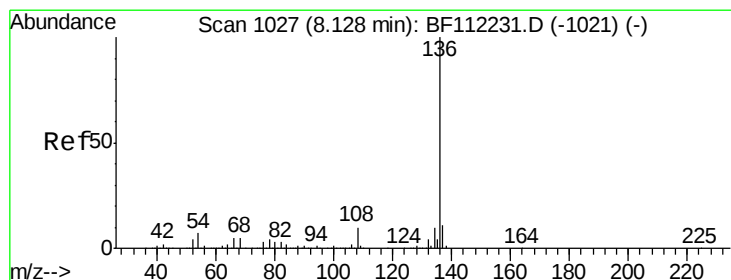
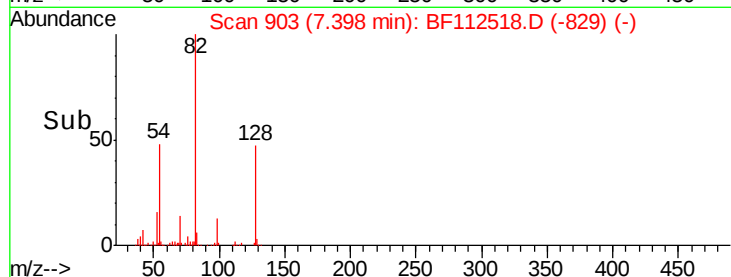
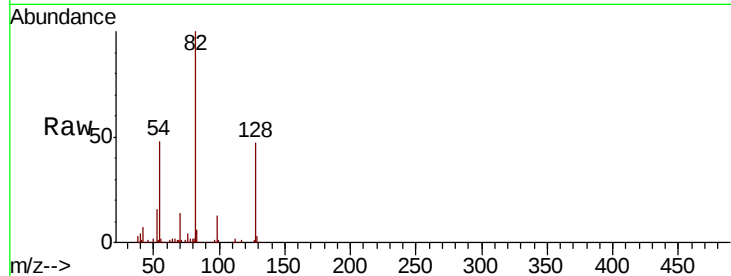
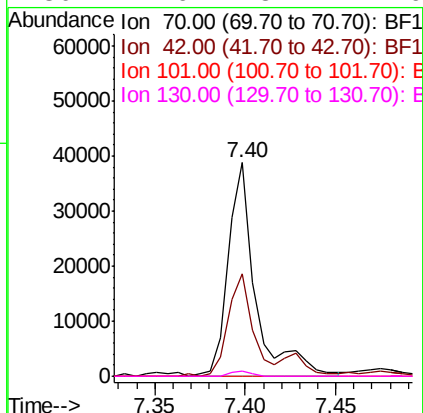




#19
n-Nitroso-di-n-propylamine
Concen: 8.672 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

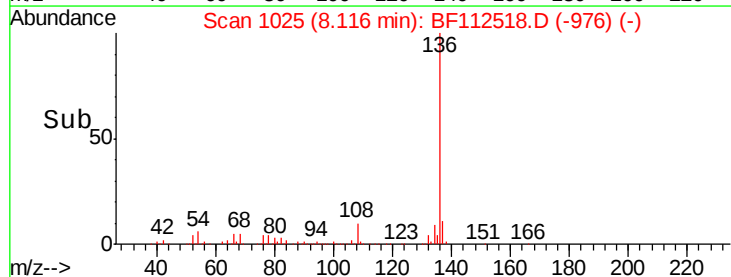
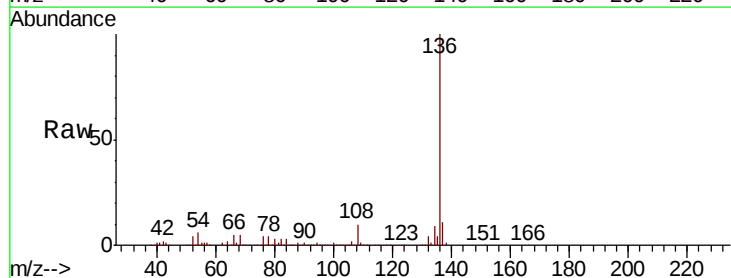
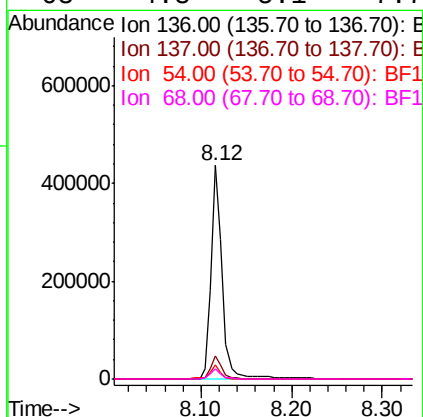
Instrument :
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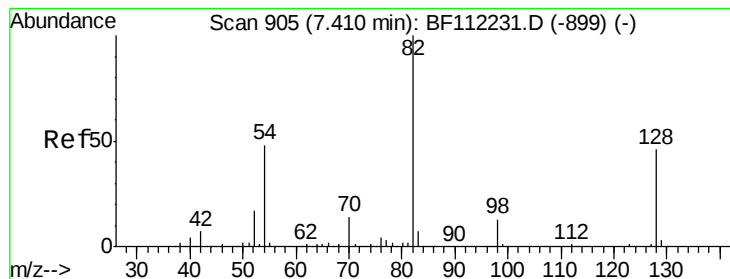
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.6	71.4
101	0.0	7.9	11.9#
130	2.6	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.3	5.9	8.9
68	4.8	5.1	7.7#





#23

Nitrobenzene-d5

Concen: 42.352 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-H

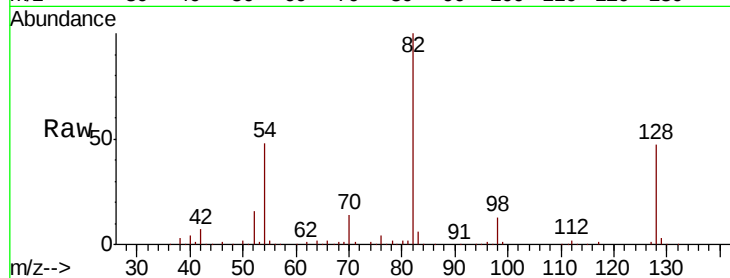
Tgt Ion: 82 Resp: 281222

Ion Ratio Lower Upper

82 100

128 47.1 37.8 56.8

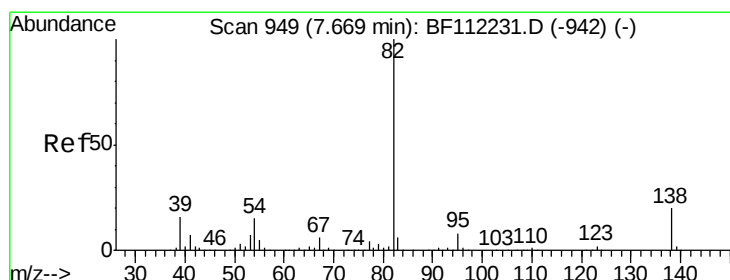
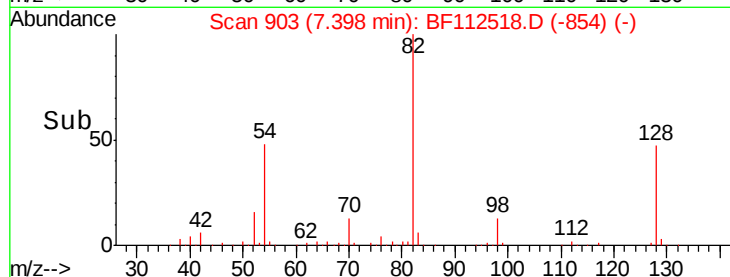
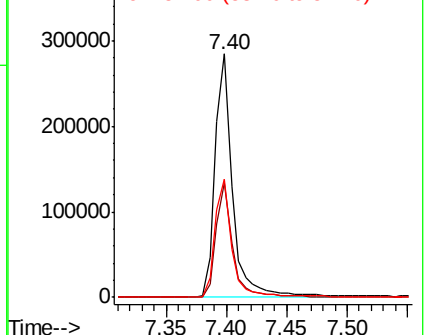
54 48.4 39.7 59.5



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: 27.263 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

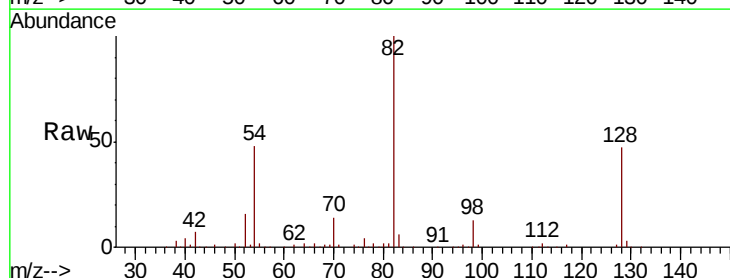
Tgt Ion: 82 Resp: 284001

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

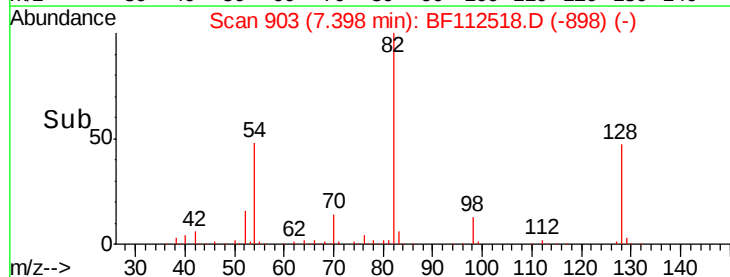
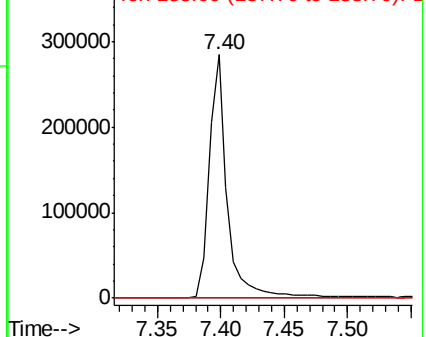
138 0.0 15.4 23.0#

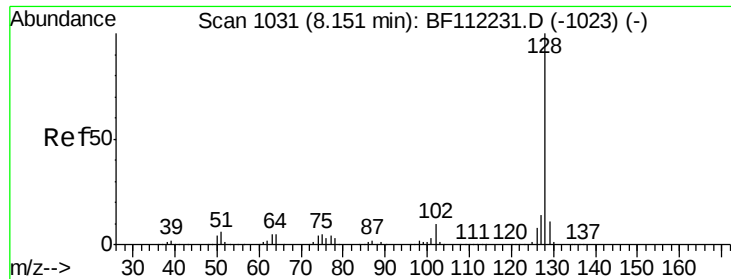


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

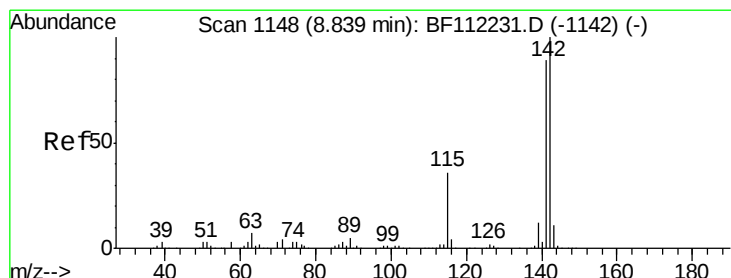
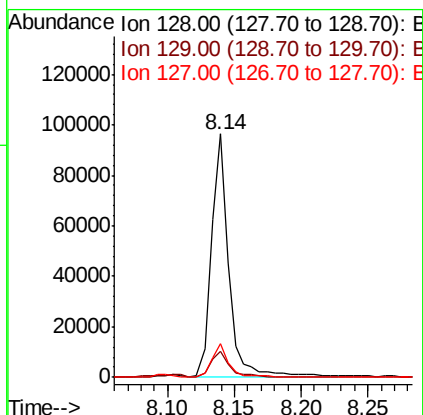
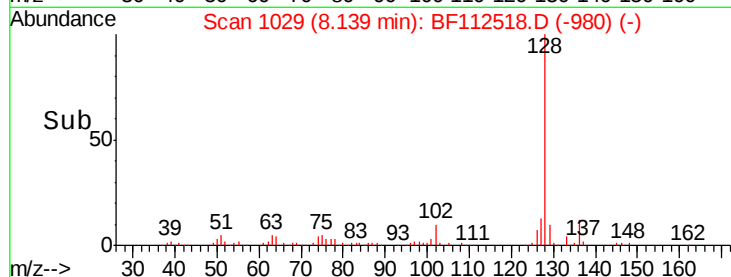
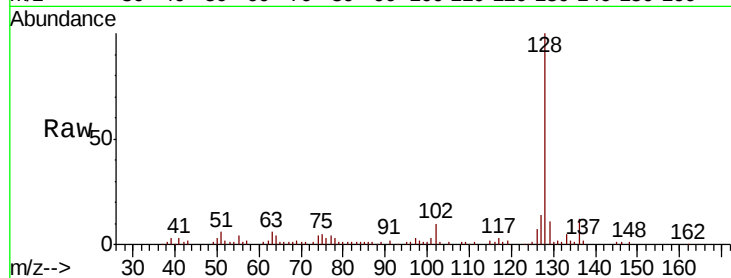




#31
Naphthalene
Concen: 4.974 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

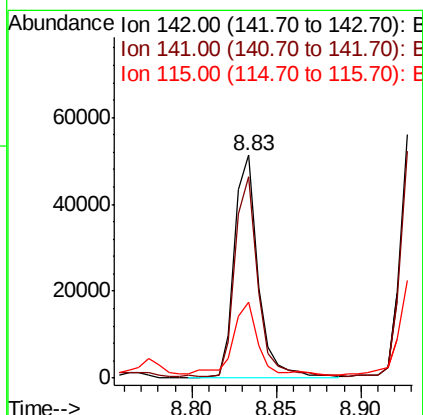
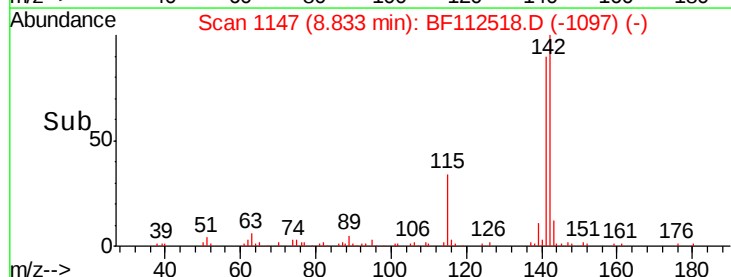
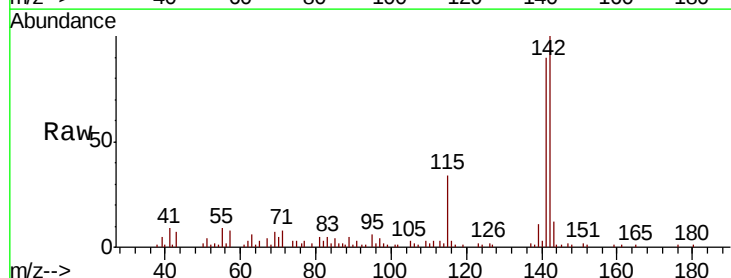
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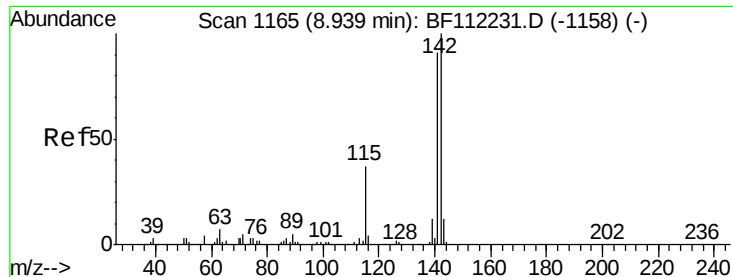
Tgt Ion:128 Resp: 88988
Ion Ratio Lower Upper
128 100
129 10.9 9.6 14.4
127 13.7 11.1 16.7



#37
2-Methylnaphthalene
Concen: 4.092 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

Tgt Ion:142 Resp: 50126
Ion Ratio Lower Upper
142 100
141 90.2 70.9 106.3
115 34.1 24.9 37.3

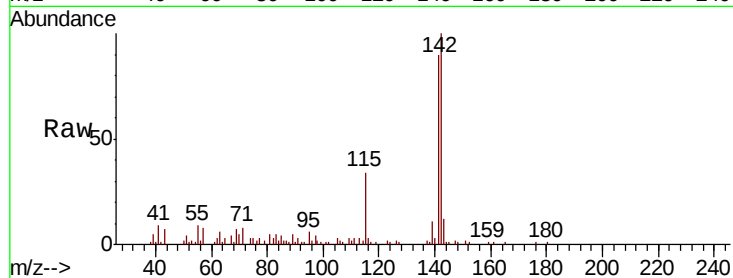




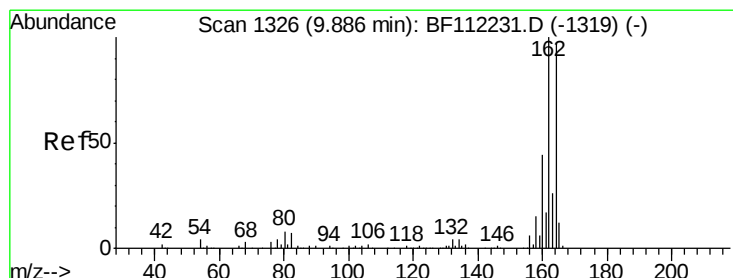
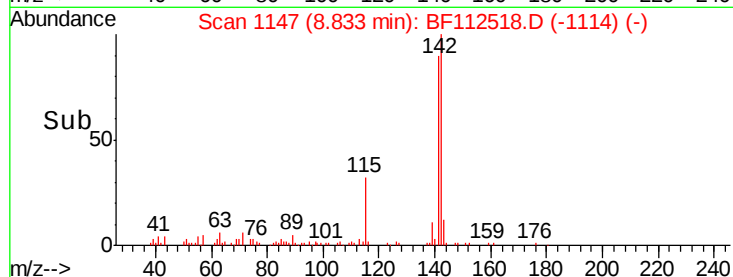
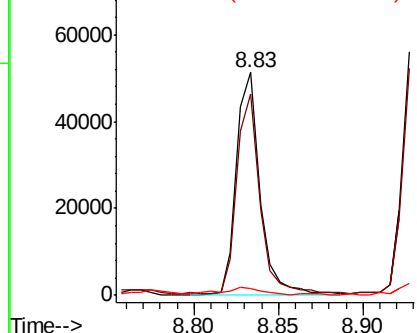
#38
1-Methylnaphthalene
Concen: 4.270 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.11 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

Tgt Ion:142 Resp: 50126
Ion Ratio Lower Upper
142 100
141 90.2 72.6 108.8
116 3.2 2.8 4.2

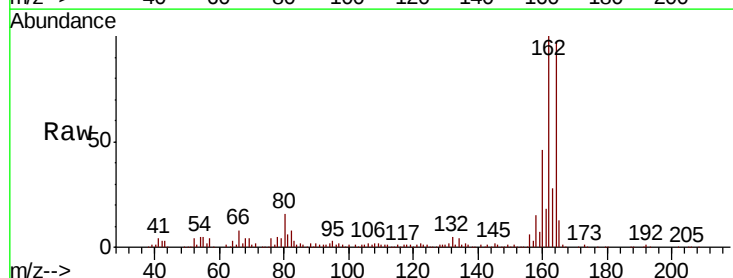


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

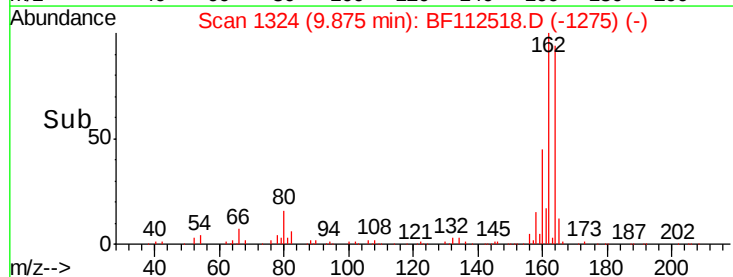
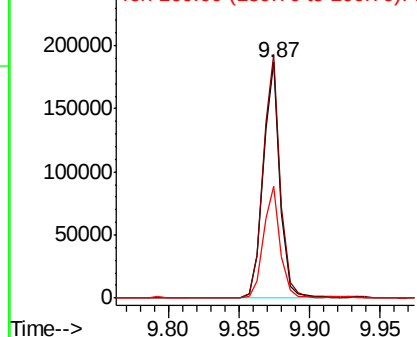


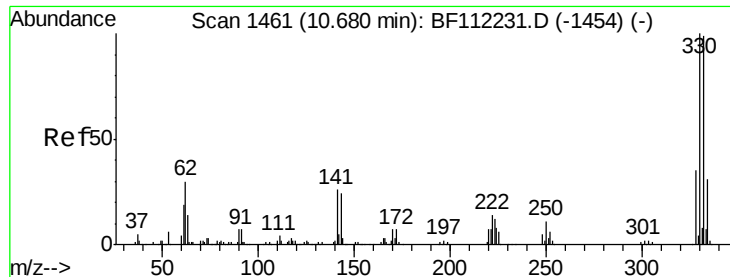
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

Tgt Ion:164 Resp: 157636
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.4
160 47.3 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

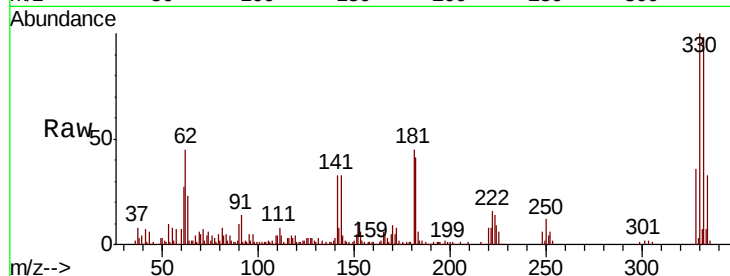




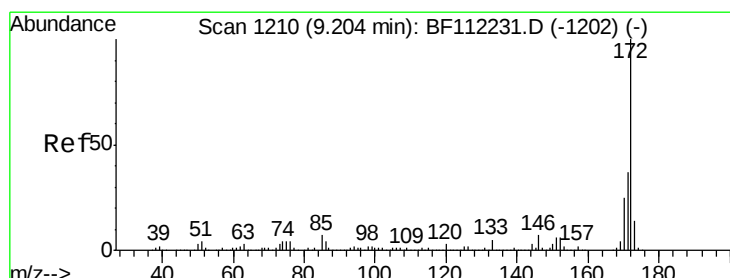
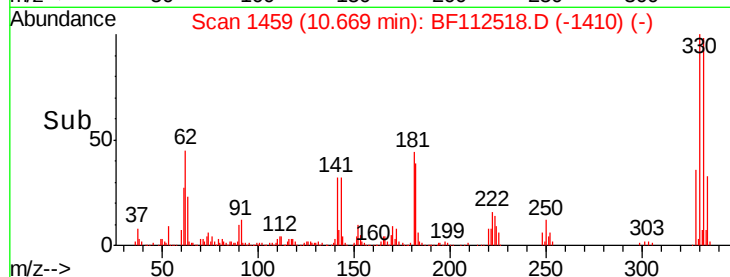
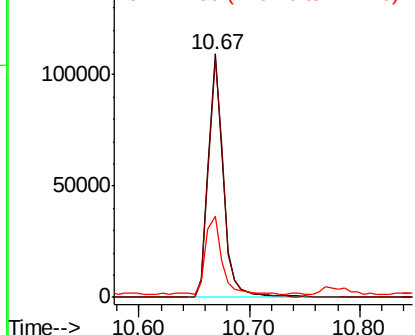
#42
 2,4,6-Tribromophenol
 Concen: 54.513 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112518.D
 Acq: 12 Feb 2019 20:27

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-H

Tgt Ion:330 Resp: 100022
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 36.1 24.3 36.5

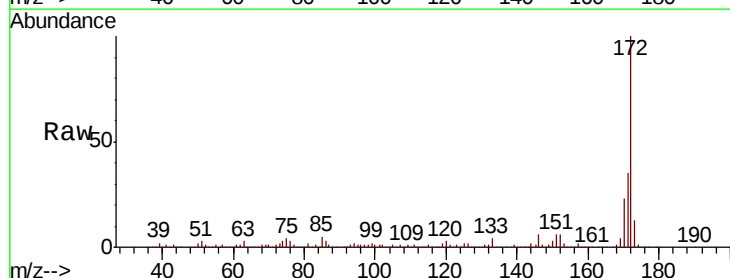


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

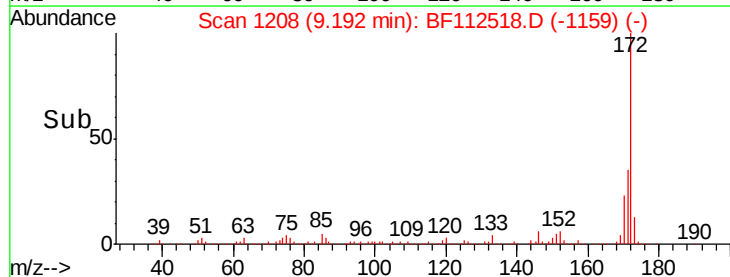
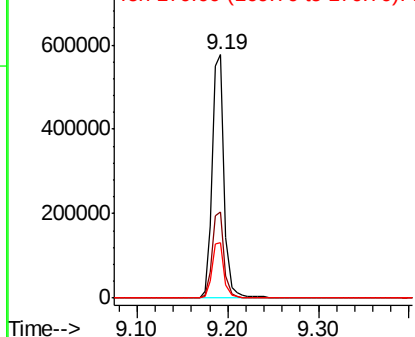


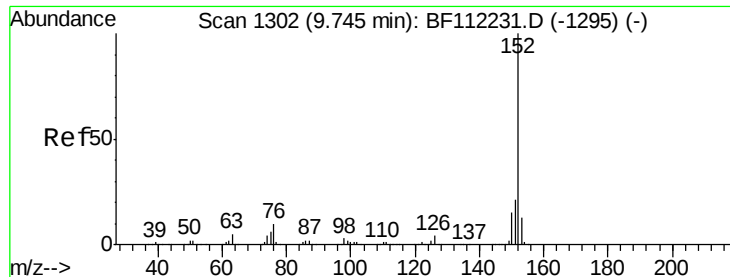
#45
 2-Fluorobiphenyl
 Concen: 48.511 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112518.D
 Acq: 12 Feb 2019 20:27

Tgt Ion:172 Resp: 540682
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.5 45.7
 170 23.0 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





#49

Acenaphthylene

Concen: 11.357 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-H

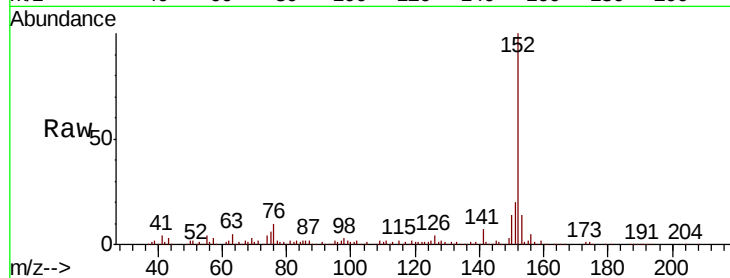
Tgt Ion:152 Resp: 177888

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.6

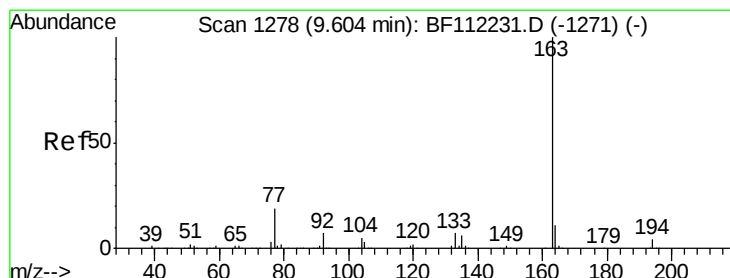
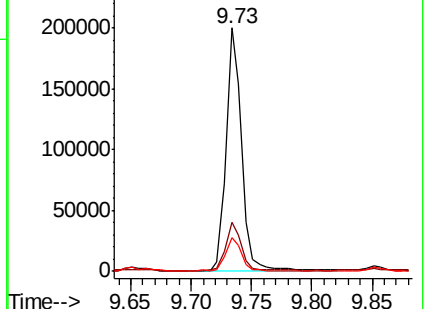
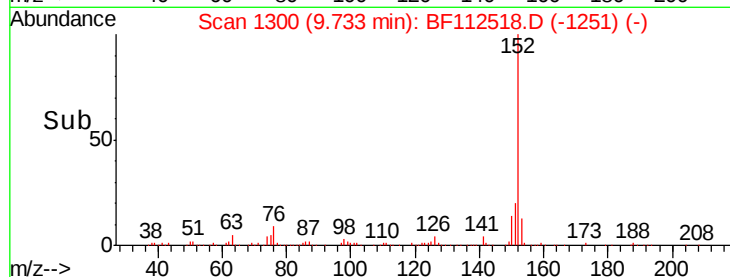
153 13.9 11.2 16.8



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: 3.715 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

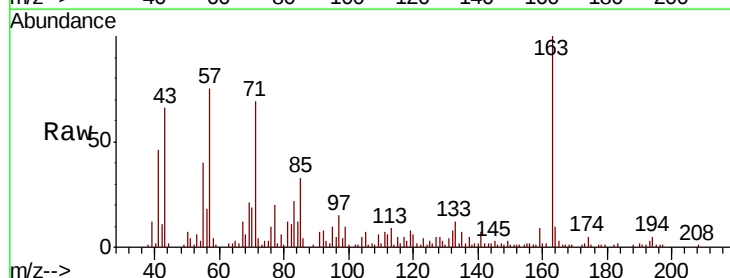
Tgt Ion:163 Resp: 45494

Ion Ratio Lower Upper

163 100

194 4.9 3.3 4.9

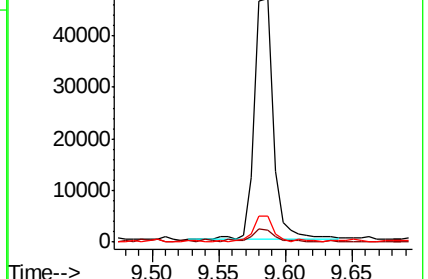
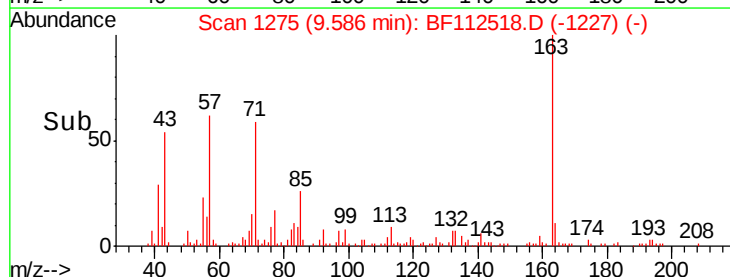
164 10.4 8.5 12.7

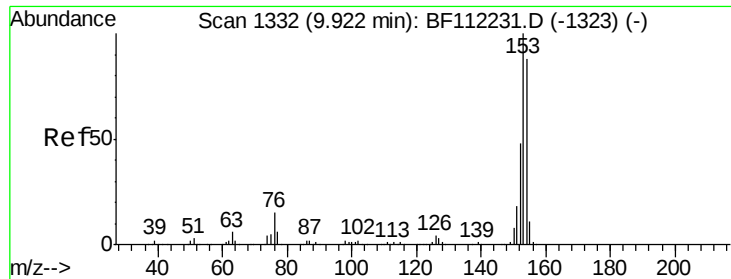


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 4.485 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-H

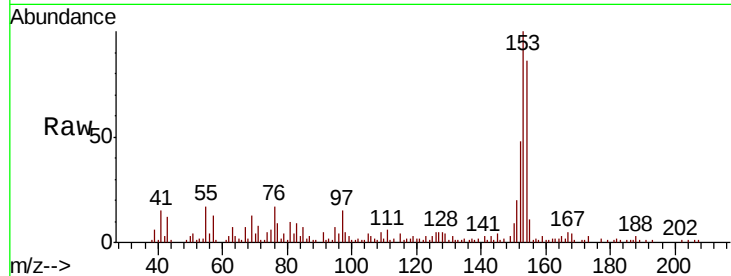
Tgt Ion:154 Resp: 41965

Ion Ratio Lower Upper

154 100

153 115.9 89.8 134.6

152 56.0 43.5 65.3

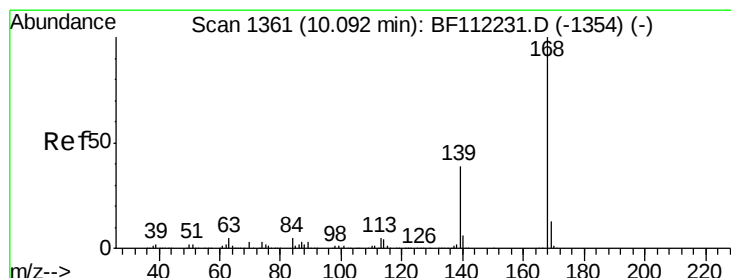
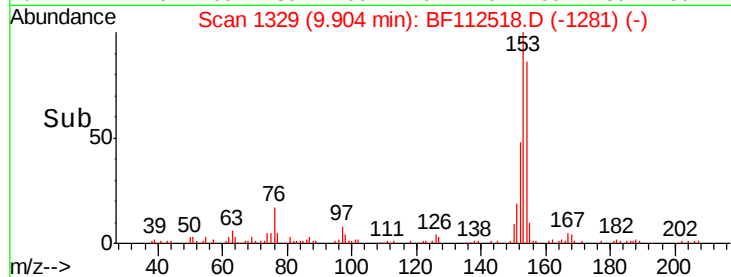
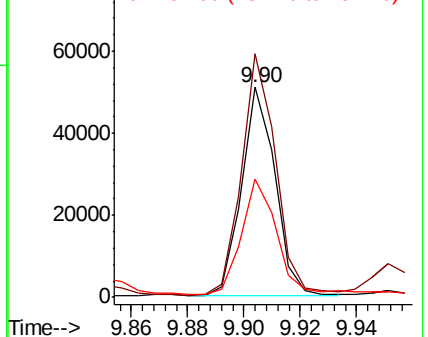


Abundance

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

Dibenzofuran

Concen: 12.951 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

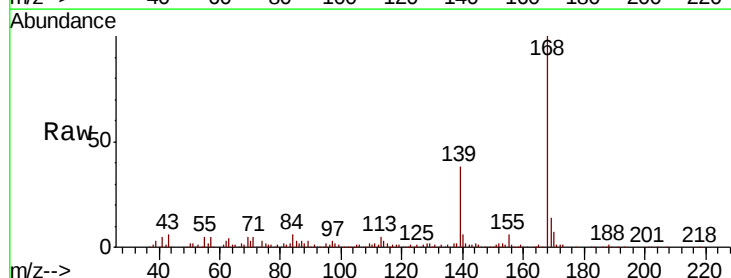
Tgt Ion:168 Resp: 185192

Ion Ratio Lower Upper

168 100

139 38.4 29.2 43.8

169 13.8 11.4 17.0

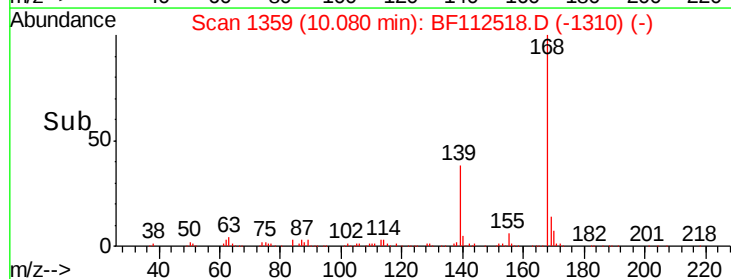
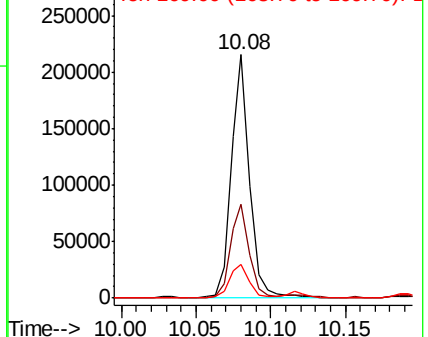


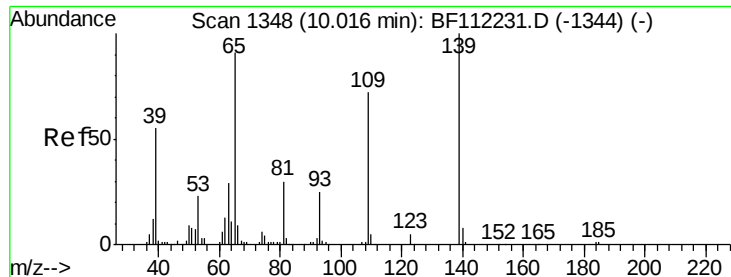
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 46.645 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.06 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-H

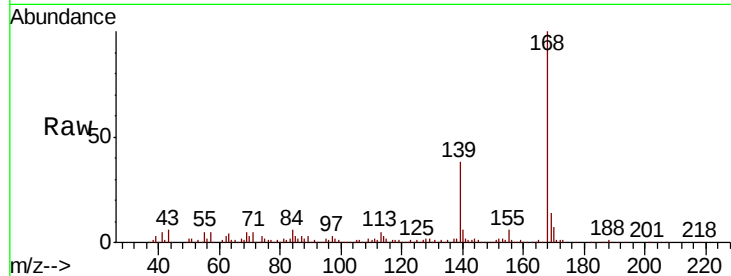
Tgt Ion:139 Resp: 73283

Ion Ratio Lower Upper

139 100

109 4.5 42.8 82.8#

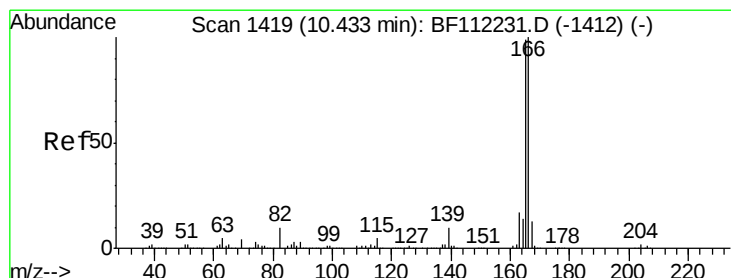
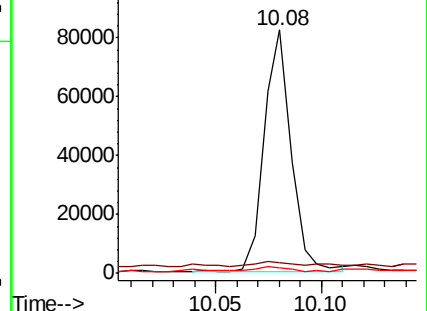
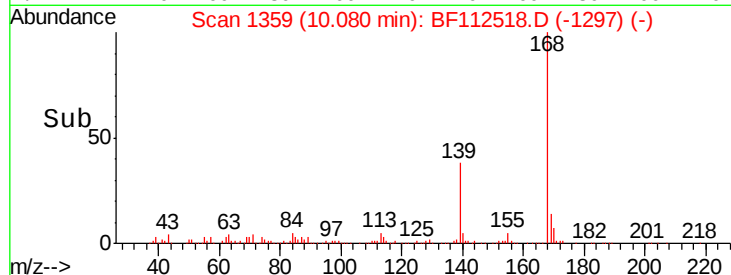
65 2.2 66.1 106.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#58

Fluorene

Concen: 5.941 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

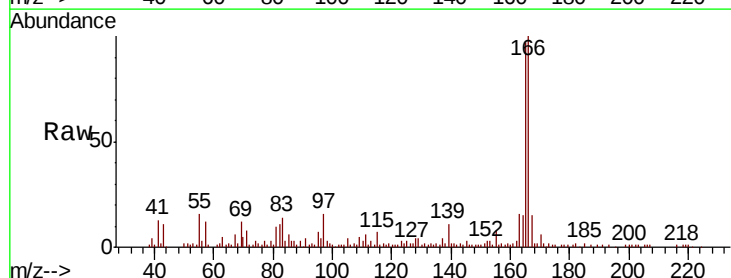
Tgt Ion:166 Resp: 63572

Ion Ratio Lower Upper

166 100

165 97.5 77.1 115.7

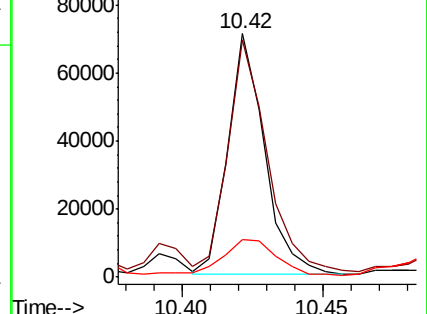
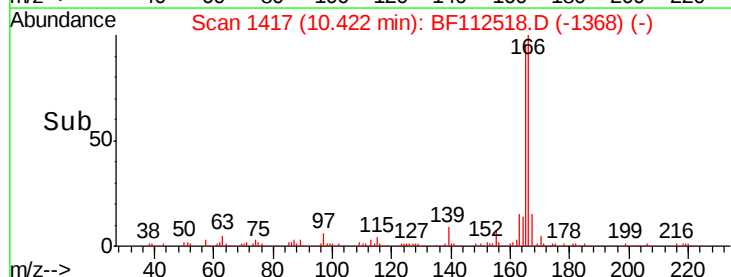
167 15.3 11.3 16.9

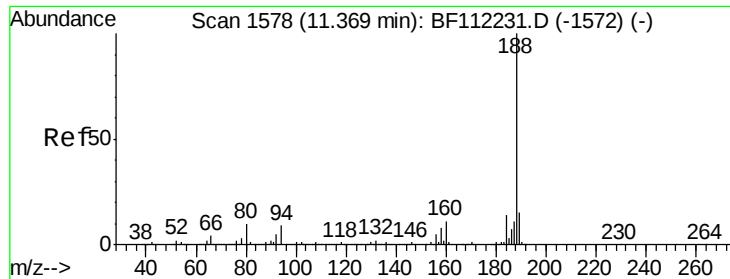


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-H

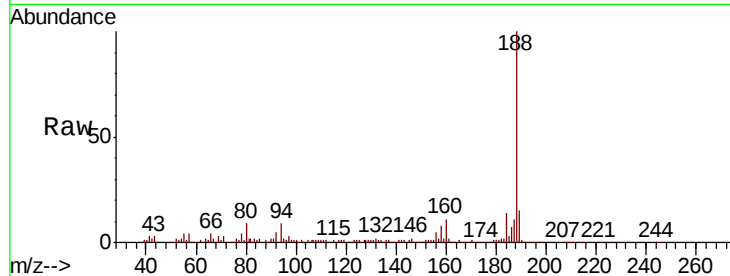
Tgt Ion:188 Resp: 255540

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

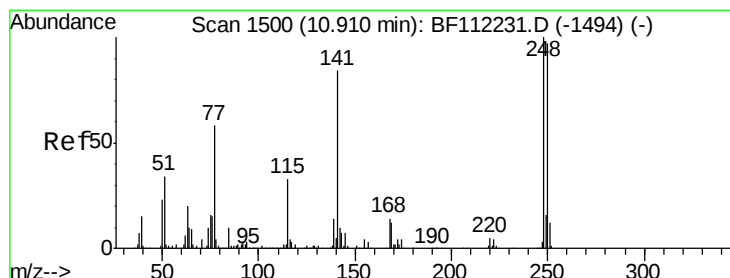
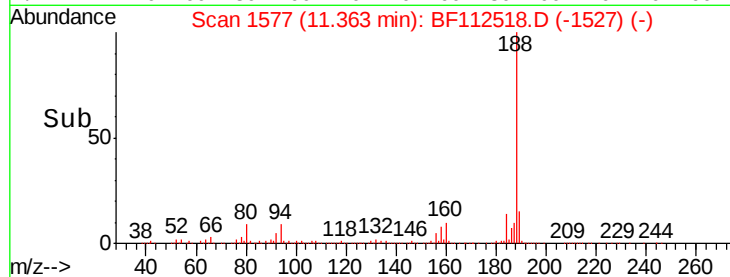
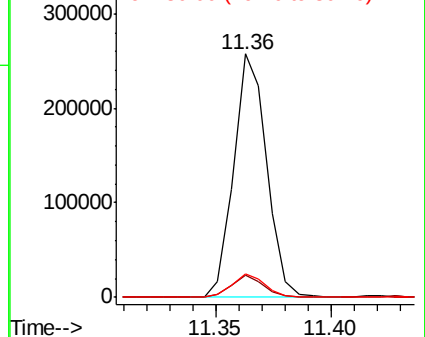
80 9.5 8.9 13.3



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: 2.034 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.24 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

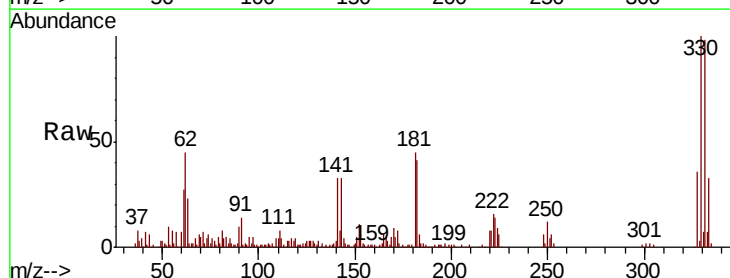
Tgt Ion:248 Resp: 6113

Ion Ratio Lower Upper

248 100

250 185.7 79.7 119.5#

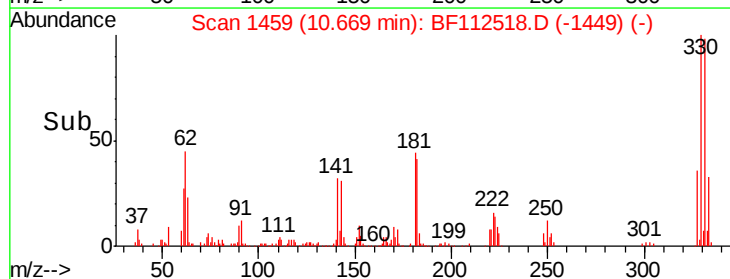
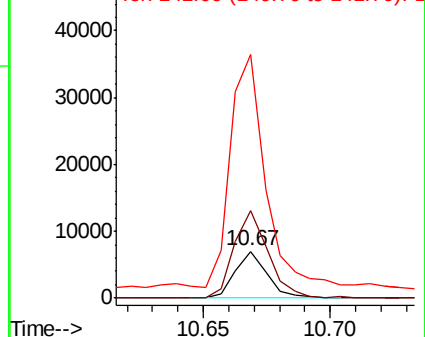
141 520.3 60.3 90.5#

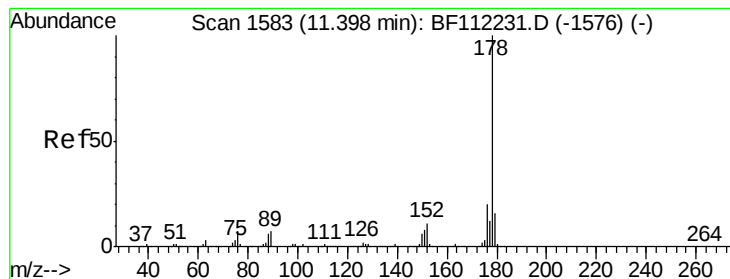


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 131.501 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-H

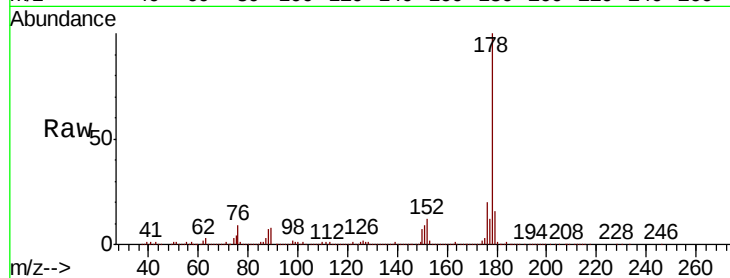
Tgt Ion:178 Resp: 1747014

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

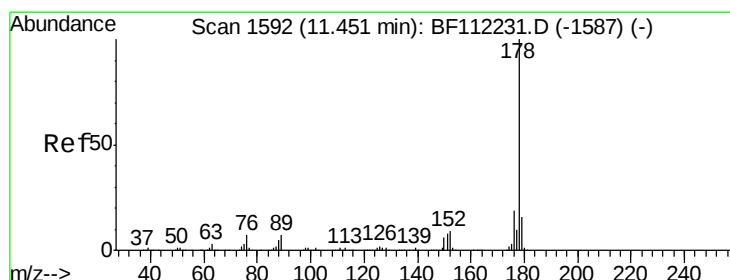
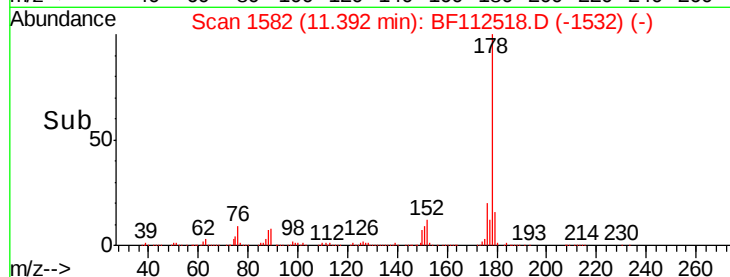
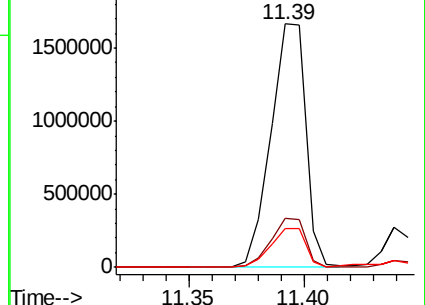
179 16.2 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 18.599 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

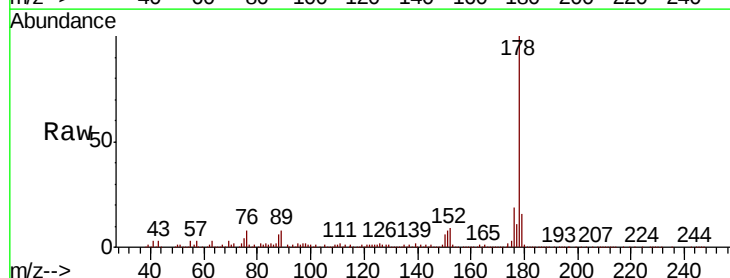
Tgt Ion:178 Resp: 246138

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

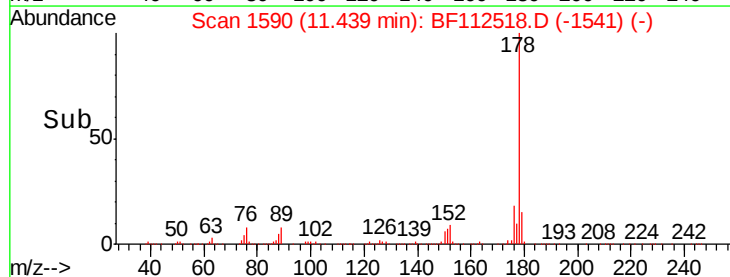
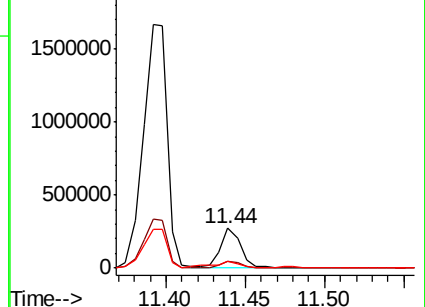
179 15.9 12.8 19.2

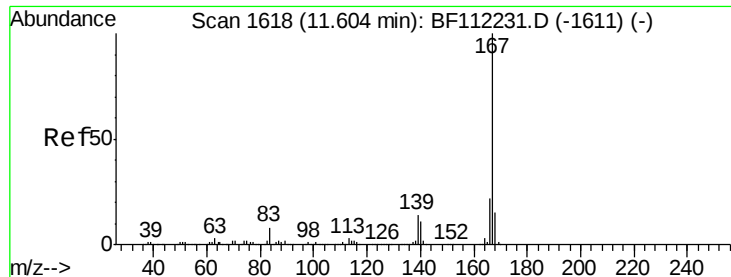


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

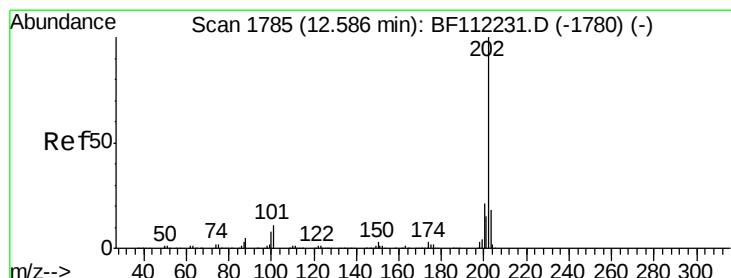
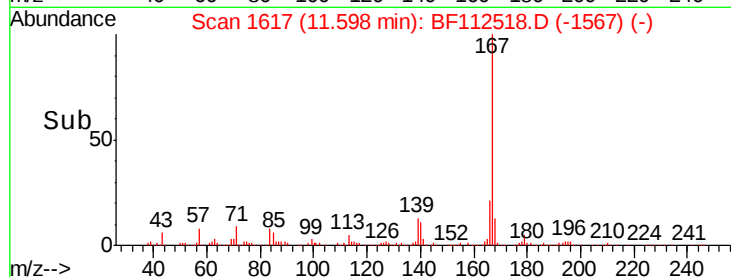
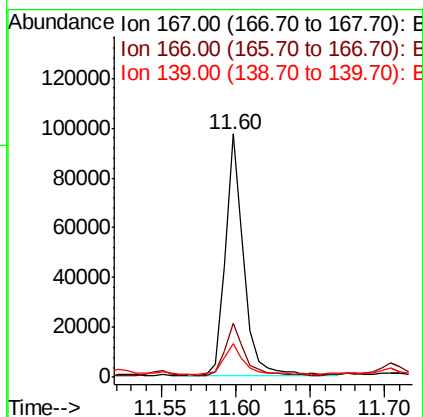
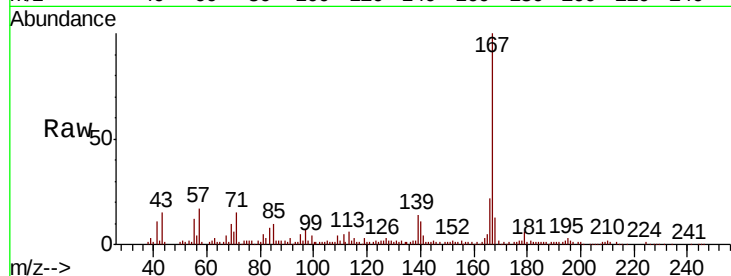




#73
 Carbazole
 Concen: 6.454 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112518.D
 Acq: 12 Feb 2019 20:27

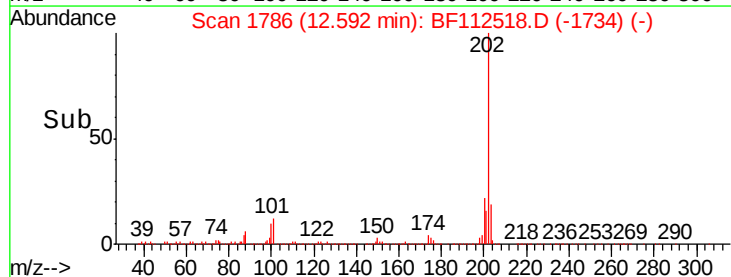
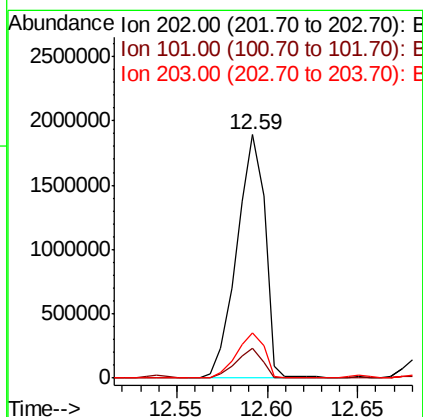
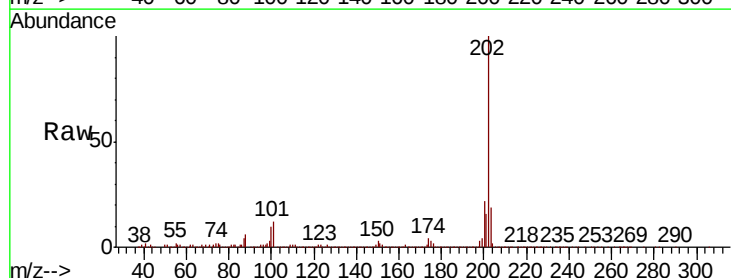
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-H

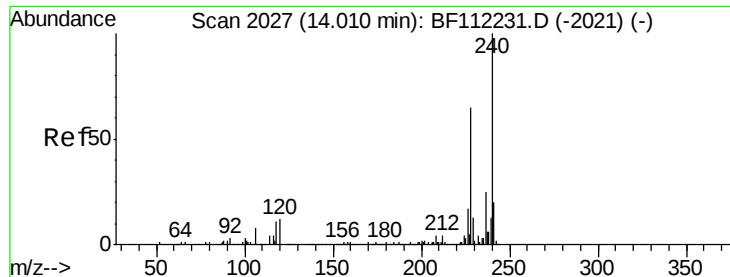
Tgt Ion:167 Resp: 84253
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 14.0 10.2 15.2



#75
 Fluoranthene
 Concen: 142.969 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. 0.01 min
 Lab File: BF112518.D
 Acq: 12 Feb 2019 20:27

Tgt Ion:202 Resp: 2037181
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 31.8
 203 18.6 0.0 38.4

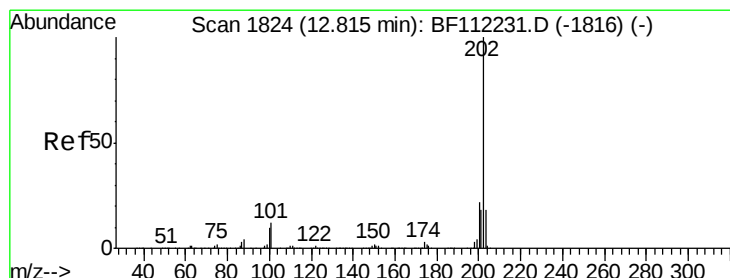
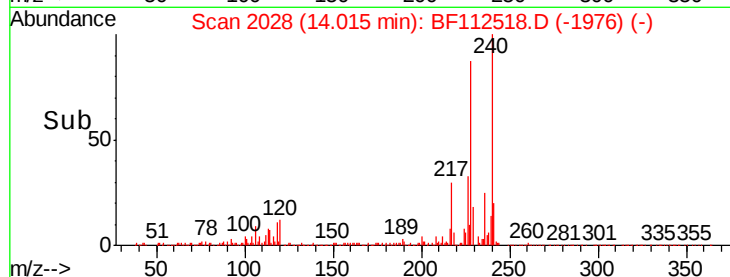
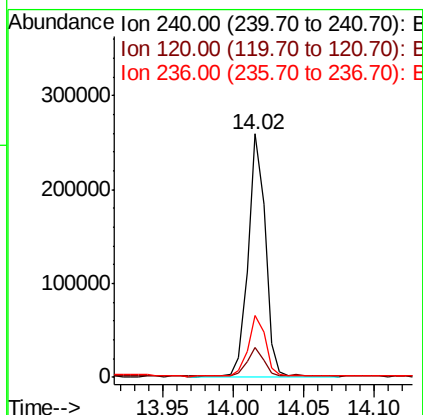
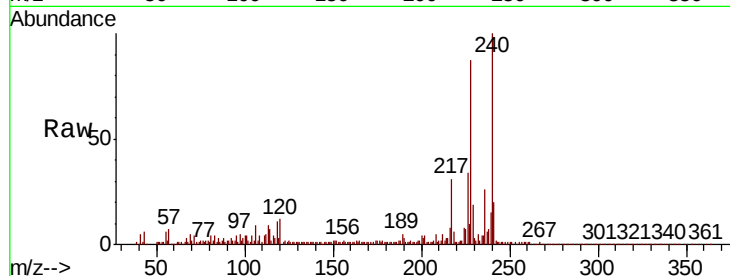




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

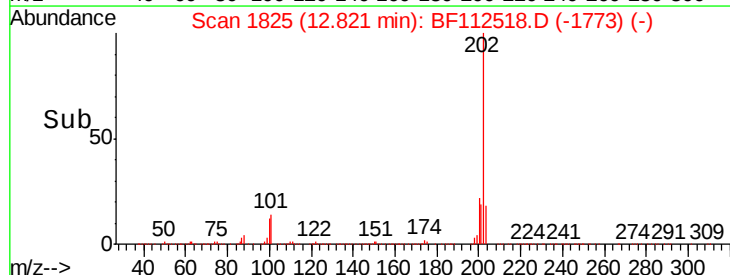
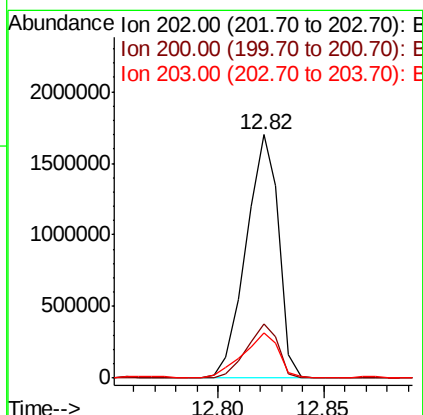
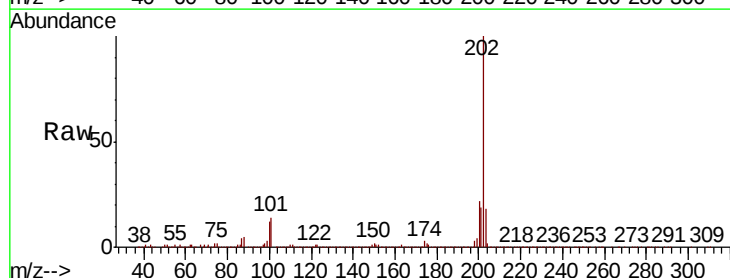
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

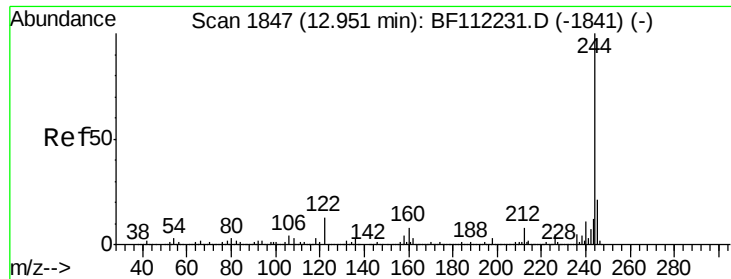
Tgt Ion:240 Resp: 220856
Ion Ratio Lower Upper
240 100
120 12.3 9.0 13.6
236 25.7 20.7 31.1



#78
Pyrene
Concen: 118.588 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

Tgt Ion:202 Resp: 1813300
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 18.4 14.6 22.0





#79

Terphenyl-d14

Concen: 41.081 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

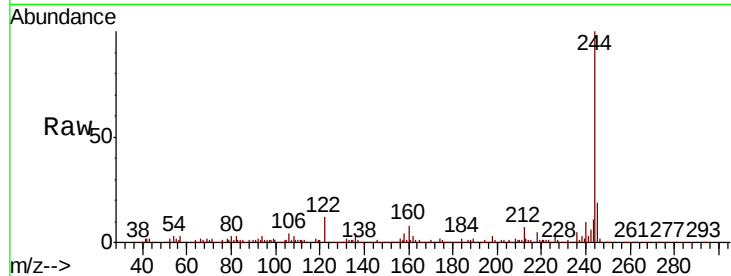
Instrument :

BNA_F

ClientSampleId :

JC-02-021119-H

Tgt Ion:	244	Resp:	481725
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	11.6	9.8	14.6

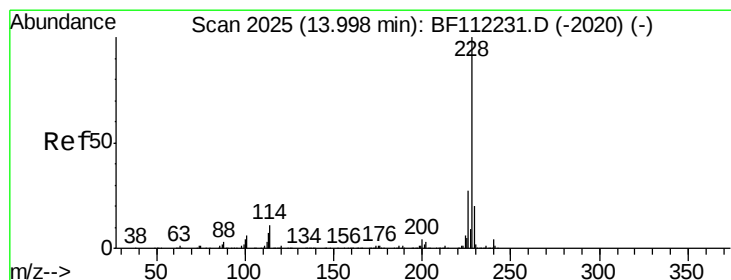
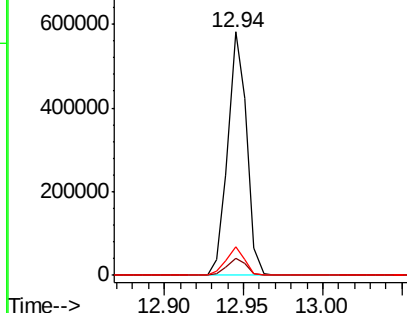
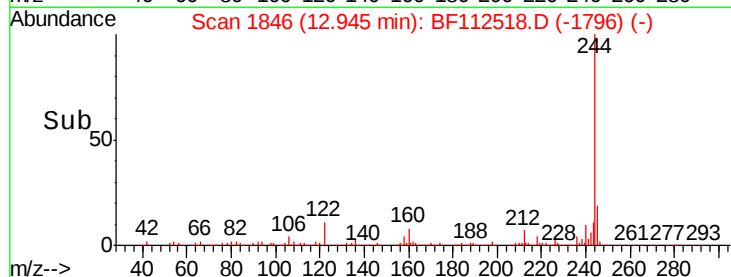


Abundance

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: 50.472 ng

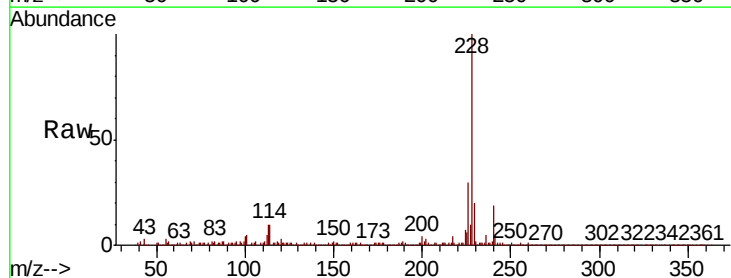
RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

Tgt Ion:	228	Resp:	655276
Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	34.0
229	20.4	16.5	24.7

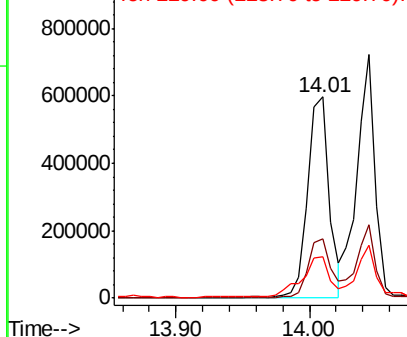
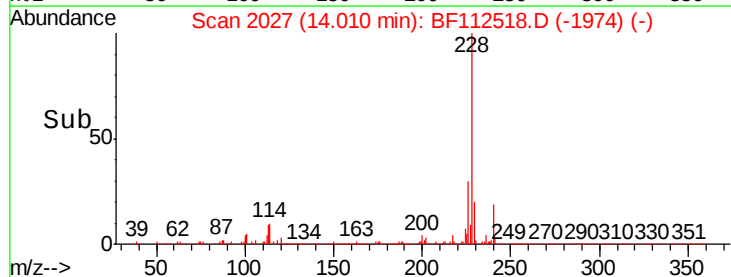


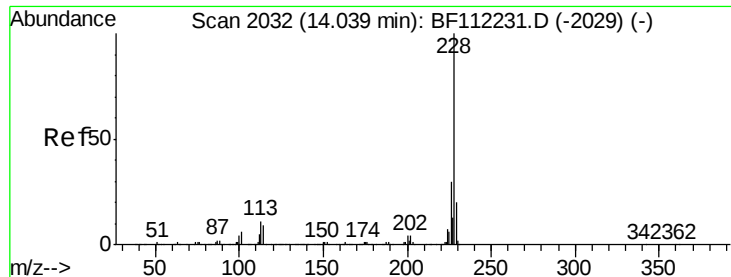
Abundance

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

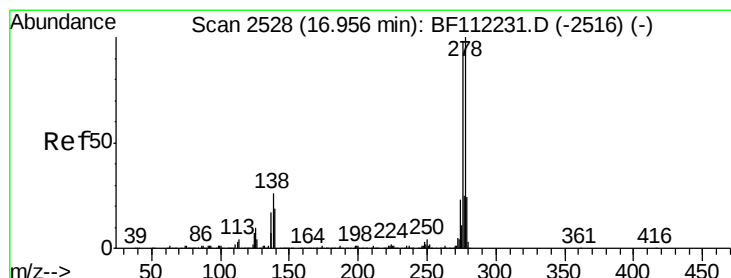
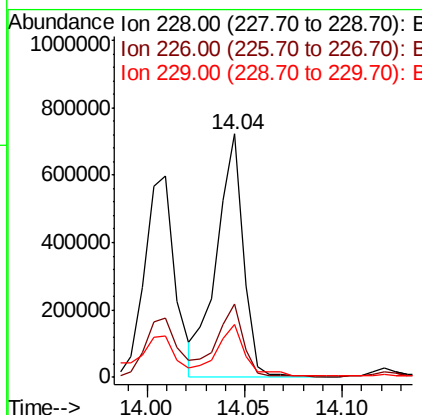
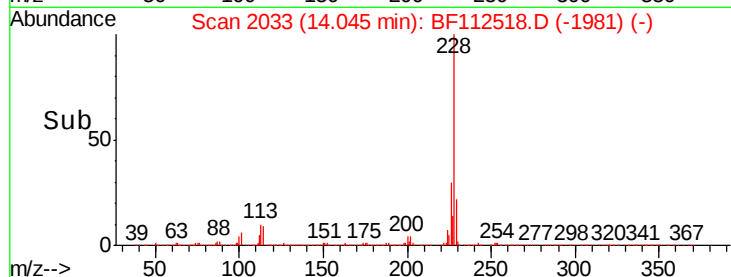
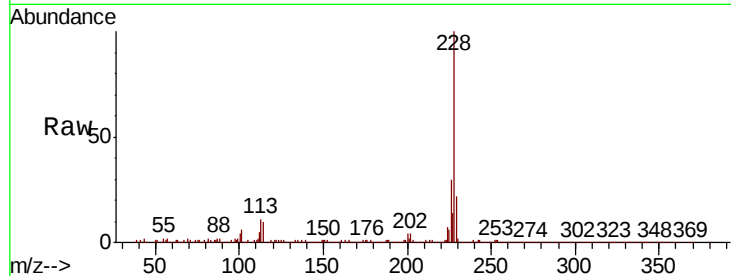




#83
Chrysene
Concen: 55.391 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

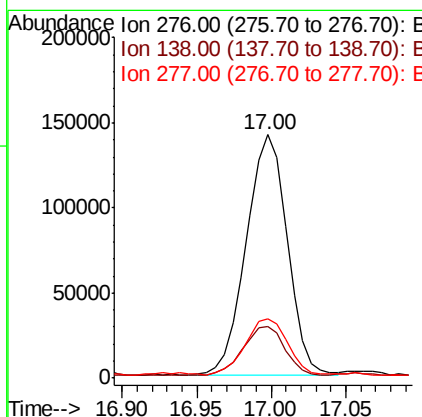
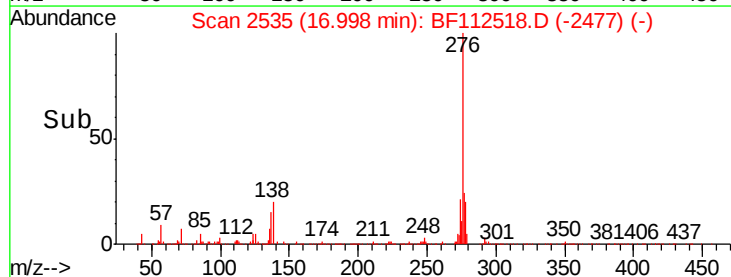
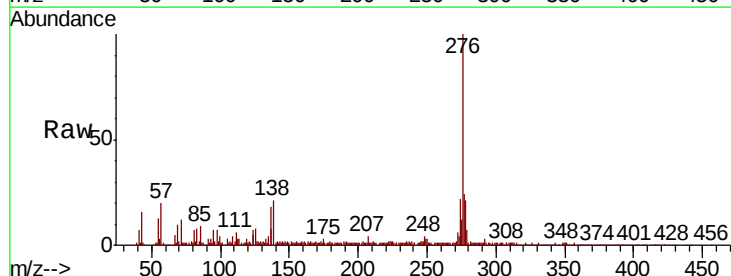
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

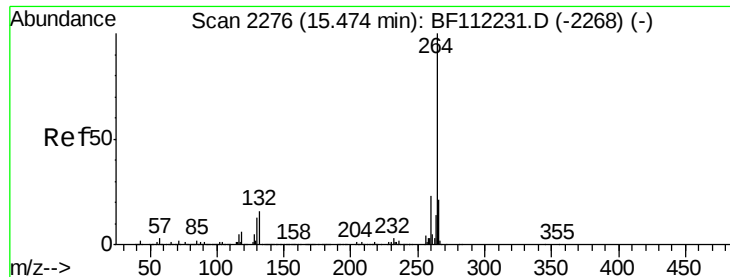
Tgt Ion: 228 Resp: 686458
Ion Ratio Lower Upper
228 100
226 30.1 25.0 37.6
229 21.9 16.6 24.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 27.404 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.04 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

Tgt Ion: 276 Resp: 269106
Ion Ratio Lower Upper
276 100
138 20.5 22.6 34.0#
277 24.1 20.3 30.5



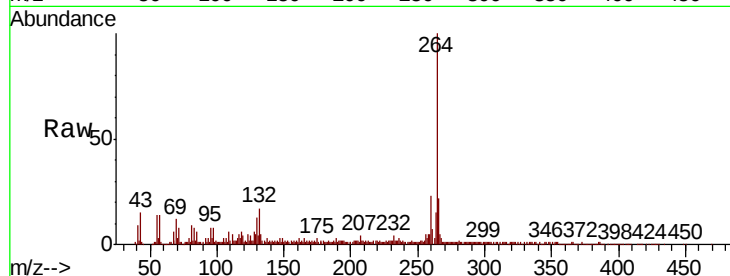


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

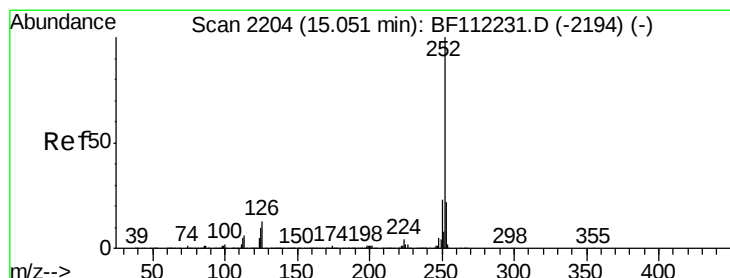
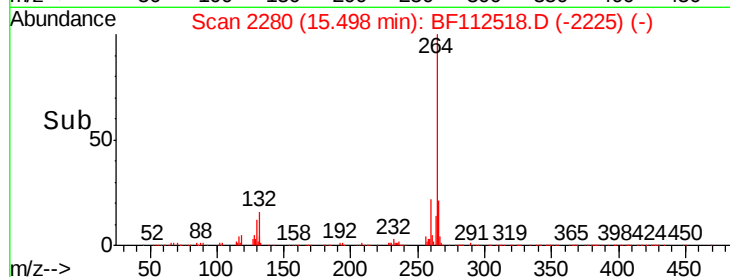
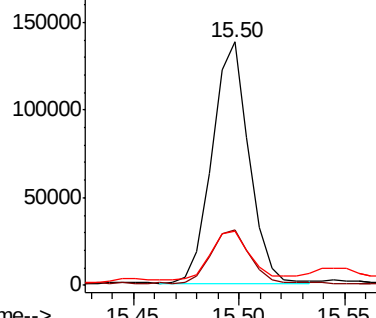
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

Tgt Ion: 264 Resp: 166624

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	22.4	17.0	25.4



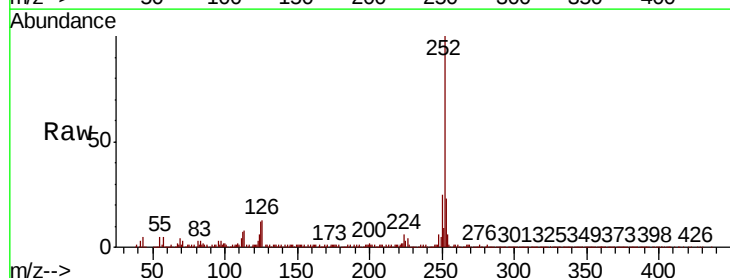
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



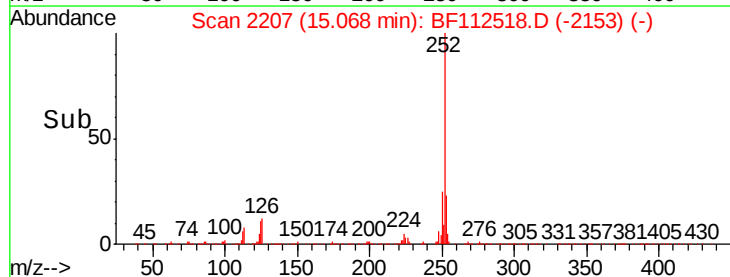
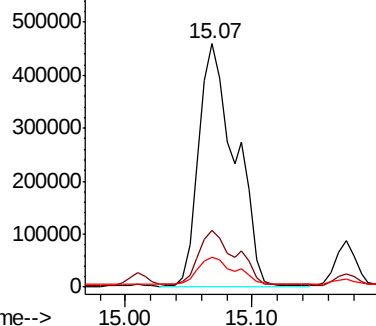
#88
Benzo(b)fluoranthene
Concen: 91.384 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

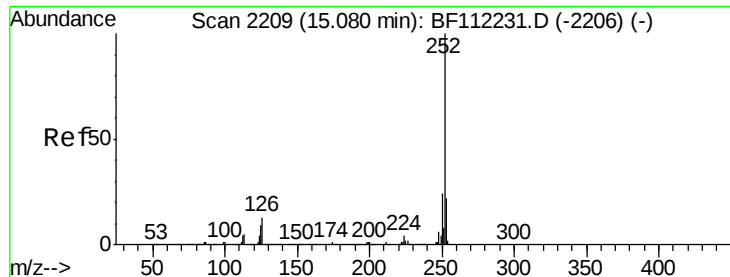
Tgt Ion: 252 Resp: 910637

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	12.4	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

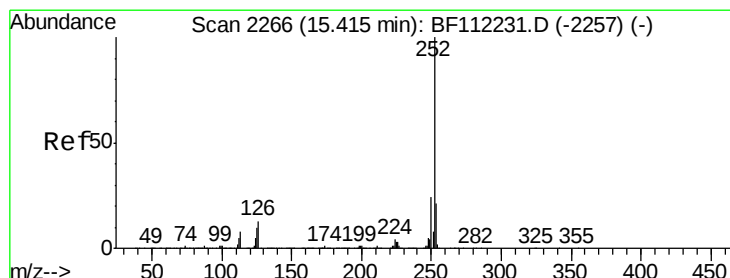
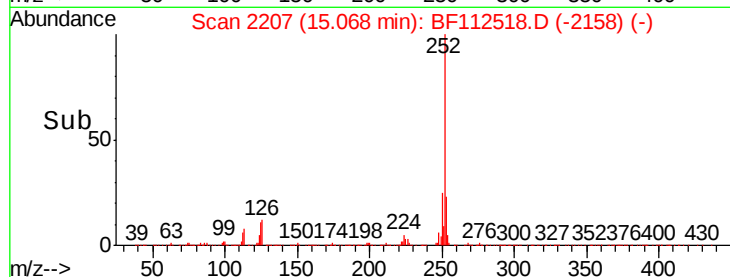
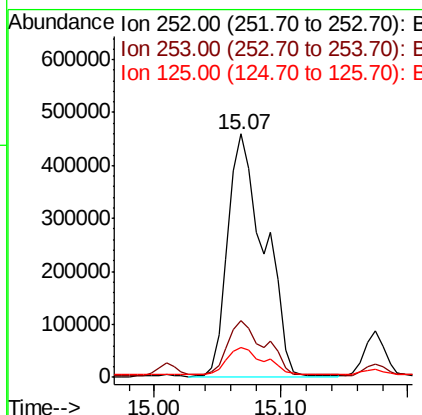
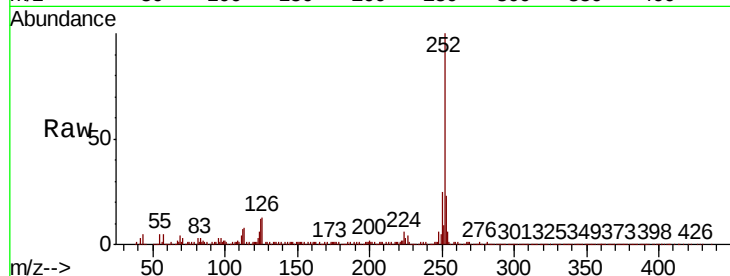




#89
Benzo(k)fluoranthene
Concen: 95.405 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

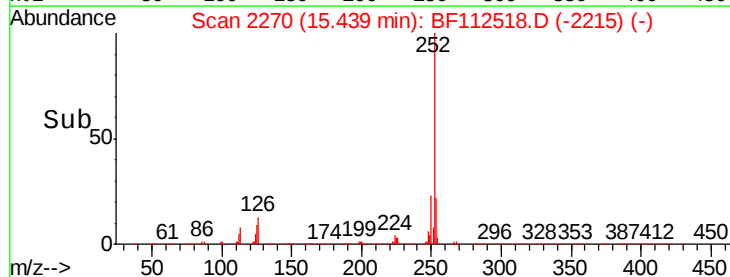
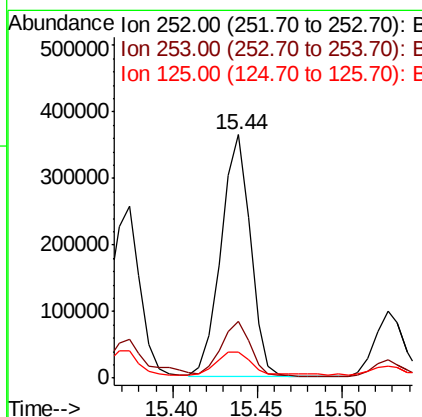
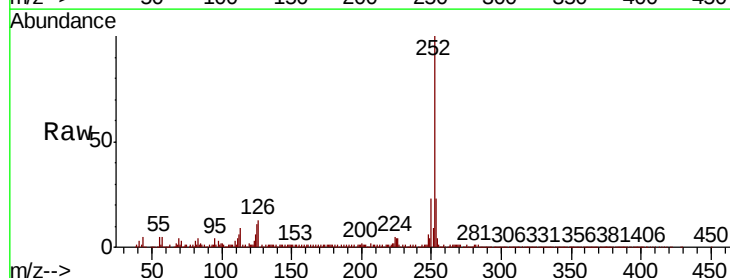
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

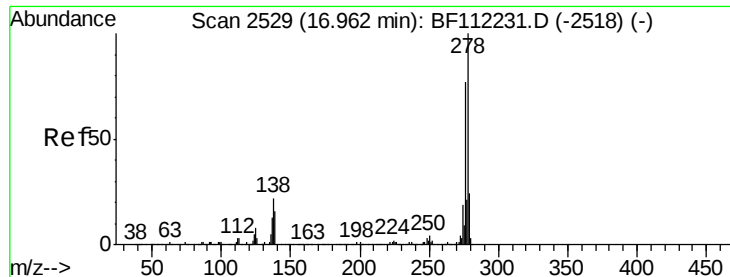
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	12.4	9.1	13.7



#90
Benzo(a)pyrene
Concen: 49.407 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF112518.D
Acq: 12 Feb 2019 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.9	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 8.618 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.03 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-H

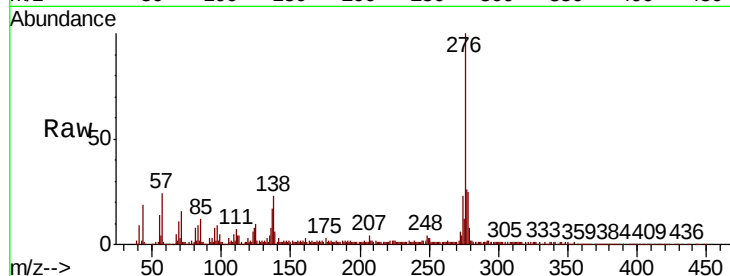
Tgt Ion:278 Resp: 62276

Ion Ratio Lower Upper

278 100

139 23.8 13.7 20.5#

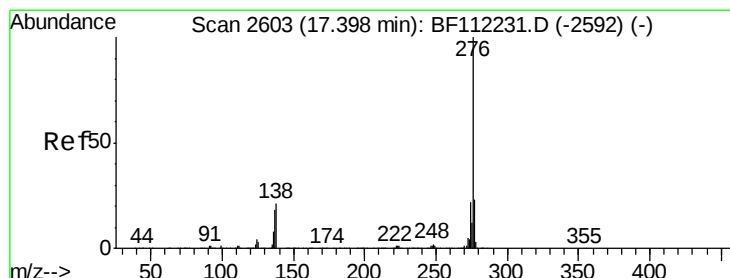
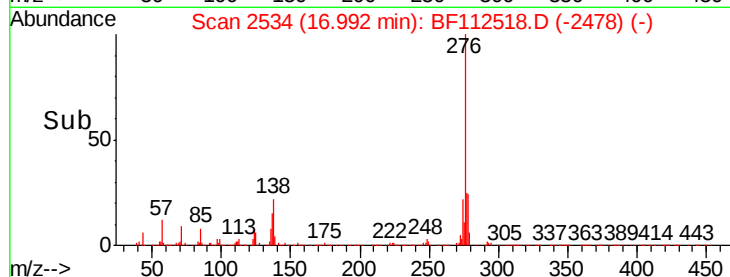
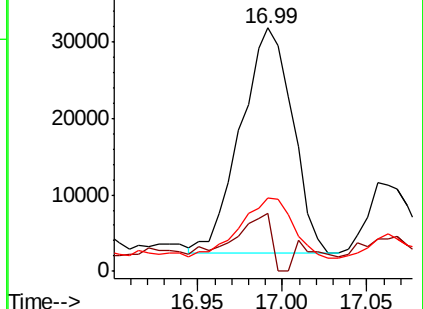
279 30.4 19.0 28.6#



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: 36.680 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.05 min

Lab File: BF112518.D

Acq: 12 Feb 2019 20:27

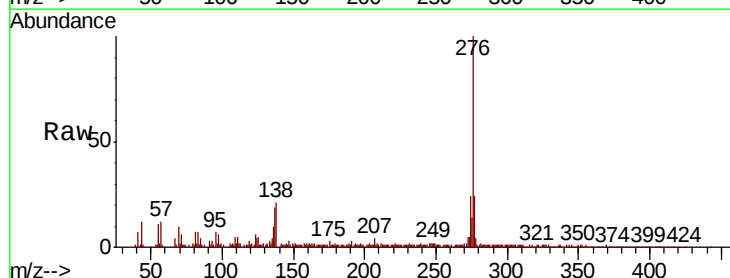
Tgt Ion:276 Resp: 250071

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 21.4 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

