

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
 Data File : BF110936.D
 Acq On : 21 Nov 2018 18:52
 Operator : JU/SJ
 Sample : J5996-25 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-06-A

Quant Time: Nov 21 22:08:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62764	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	240209	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	97299	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	161209	20.00	ng	0.00
76) Chrysene-d12	14.13	240	111876	20.00	ng	0.00
87) Perylene-d12	15.67	264	77116	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	125262	32.42	ng	0.00
7) Phenol-d6	6.56	99	247303	50.05	ng	-0.01
23) Nitrobenzene-d5	7.51	82	163818	39.27	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	10053	10.25	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	294604	43.24	ng	-0.01
79) Terphenyl-d14	13.06	244	252065	42.19	ng	-0.01

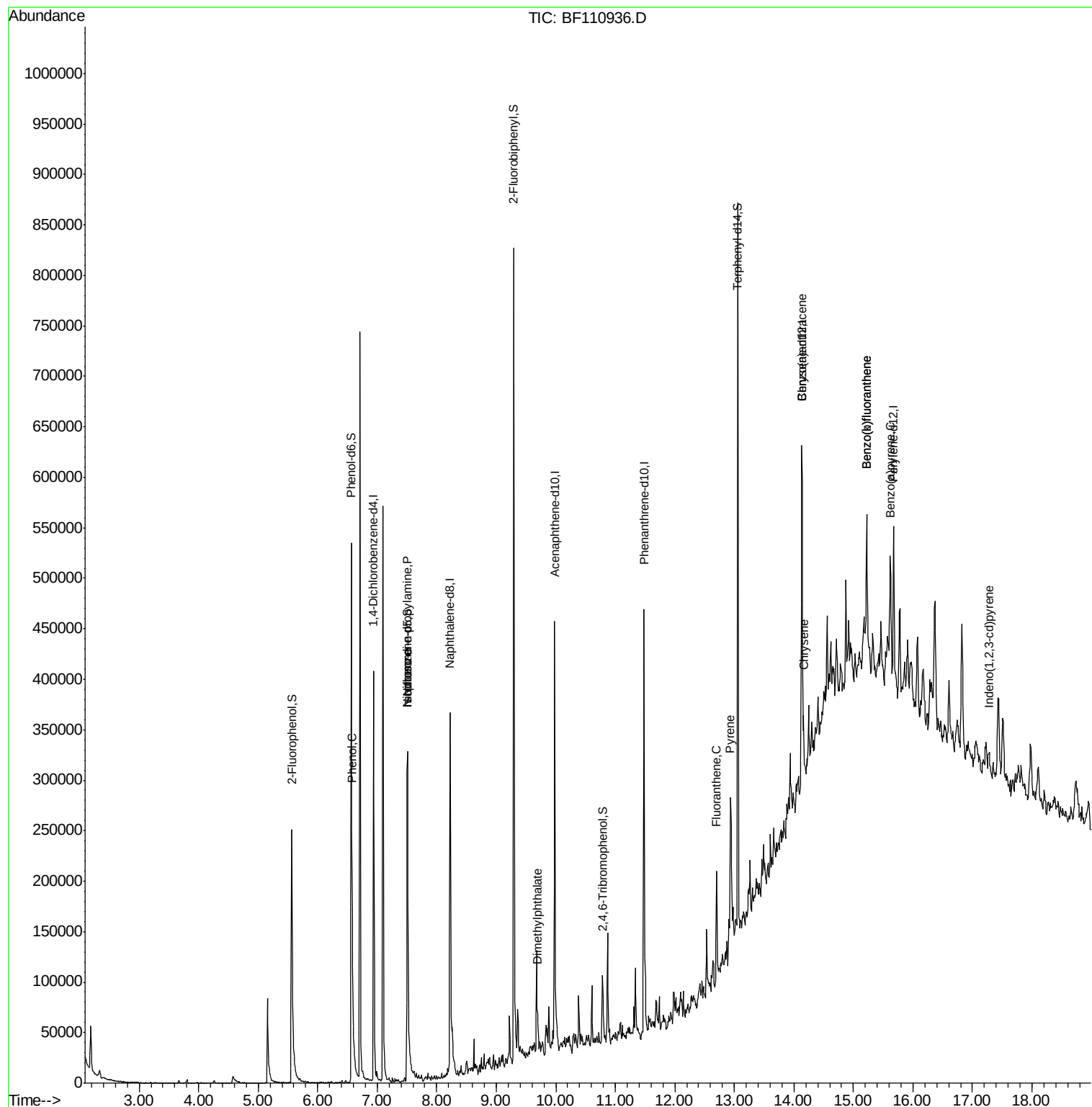
Target Compounds				Qvalue		
9) Benzaldehyde	6.57	77	527	Below Cal	#	1
10) Phenol	6.58	94	11949	2.086 ng		93
19) n-Nitroso-di-n-propylamine	7.51	70	20961	6.646 ng	#	79
25) Isophorone	7.51	82	163818	23.963 ng	#	67
50) Dimethylphthalate	9.69	163	19011	2.619 ng		97
75) Fluoranthene	12.70	202	49944	5.768 ng		98
78) Pyrene	12.93	202	50929	5.912 ng		96
81) Benzo(a)anthracene	14.13	228	23769	3.555 ng	#	91
83) Chrysene	14.16	228	26917	4.225 ng	#	87
86) Indeno(1,2,3-cd)pyrene	17.28	276	11667	2.552 ng	#	91
88) Benzo(b)fluoranthene	15.22	252	33959	7.361 ng	#	77
89) Benzo(k)fluoranthene	15.22	252	33959	7.450 ng	#	76
90) Benzo(a)pyrene	15.61	252	17401	4.151 ng	#	69

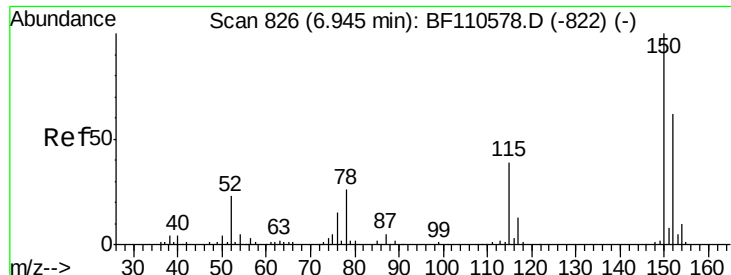
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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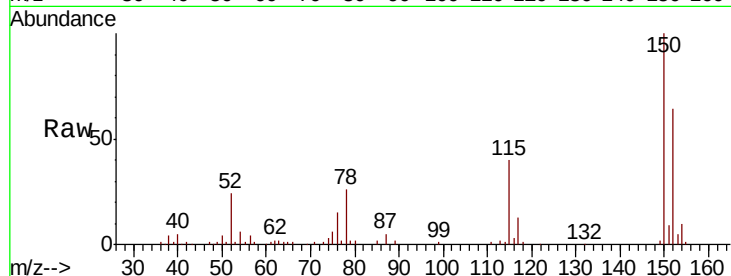


#1

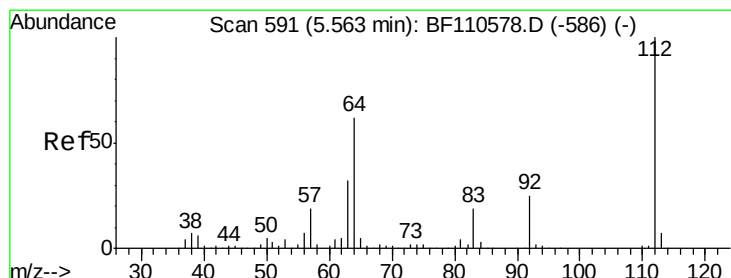
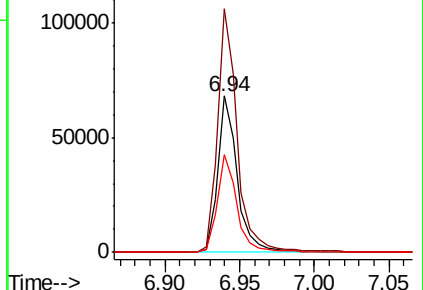
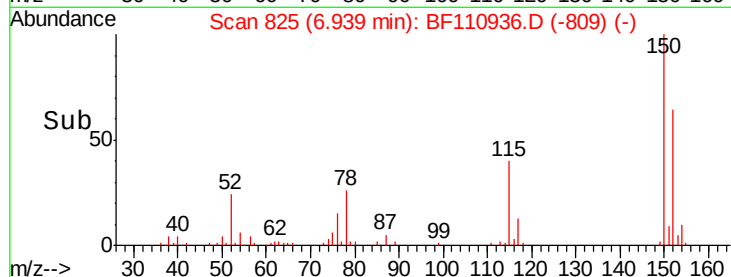
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tgt Ion:152 Resp: 62764
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 62.2 49.1 73.7



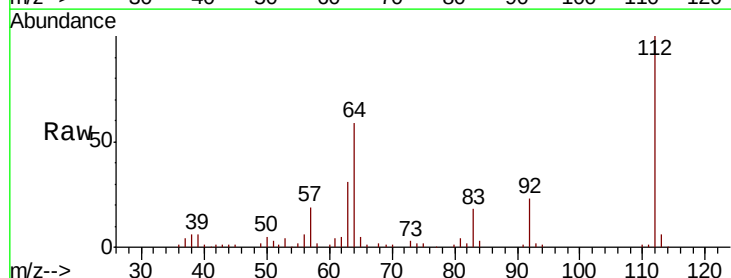
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



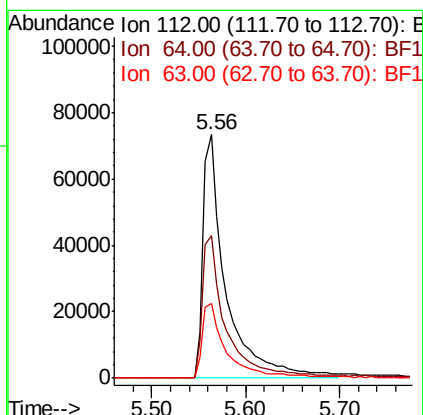
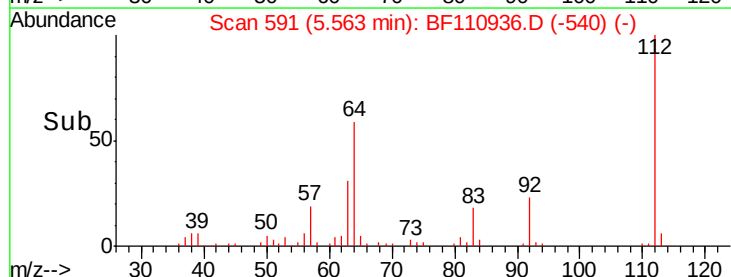
#5

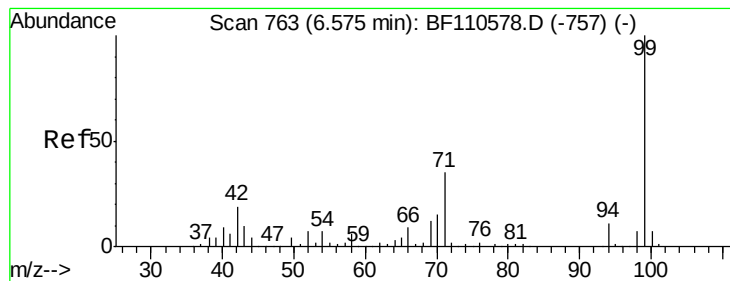
2-Fluorophenol
Concen: 32.417 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Tgt Ion:112 Resp: 125262
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
63 30.6 23.7 35.5



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: 50.050 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110936.D

Acq: 21 Nov 2018 18:52

Instrument :

BNA_F

ClientSampleId :

AOC1-06-A

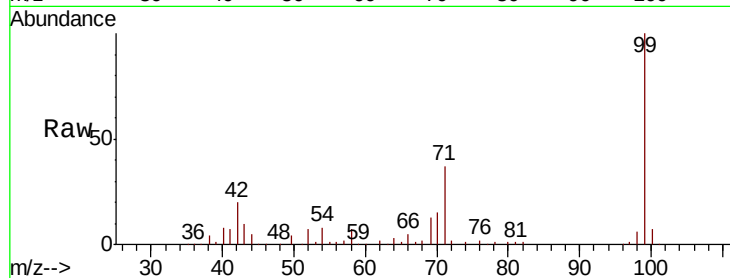
Tgt Ion: 99 Resp: 247303

Ion Ratio Lower Upper

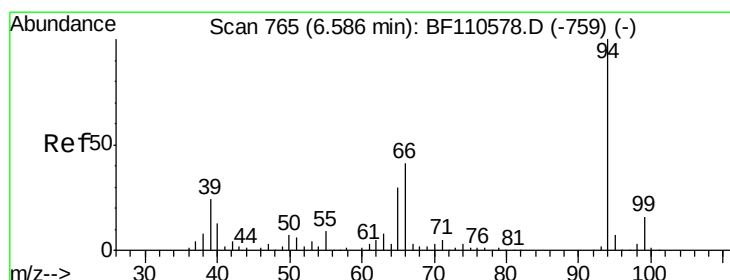
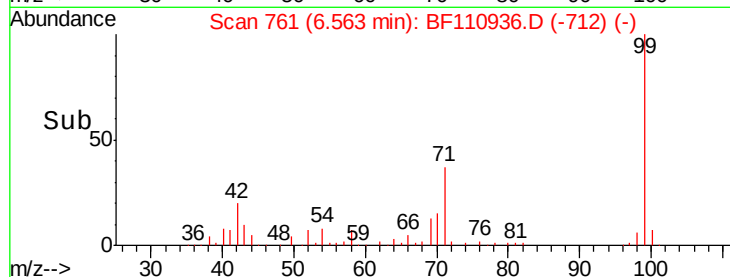
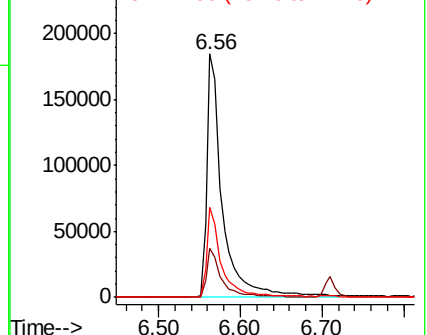
99 100

42 20.2 15.8 23.6

71 36.8 28.0 42.0



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: 2.086 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110936.D

Acq: 21 Nov 2018 18:52

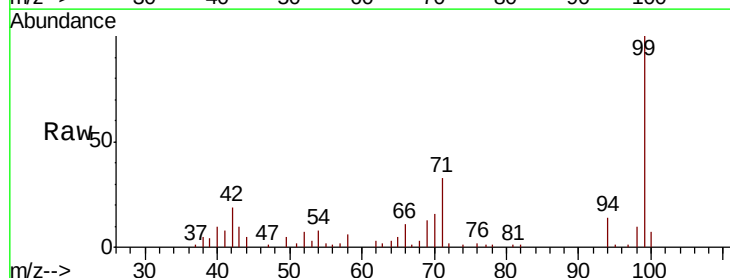
Tgt Ion: 94 Resp: 11949

Ion Ratio Lower Upper

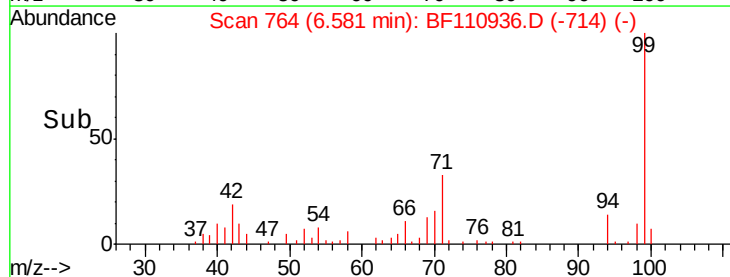
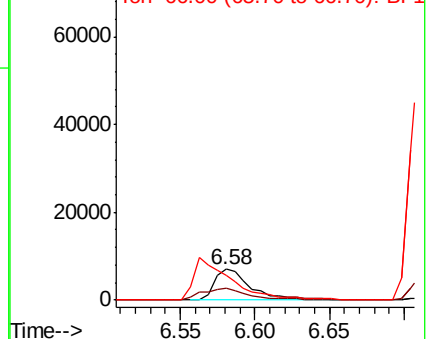
94 100

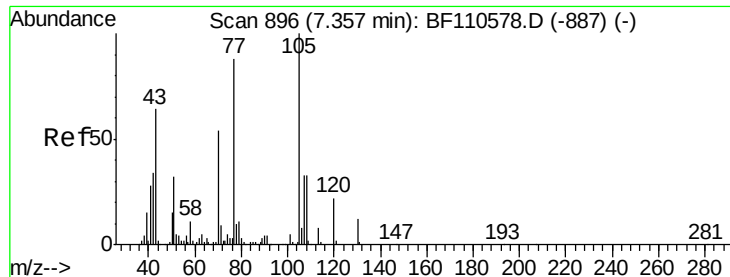
65 38.4 25.3 65.3

66 78.4 54.5 94.5



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

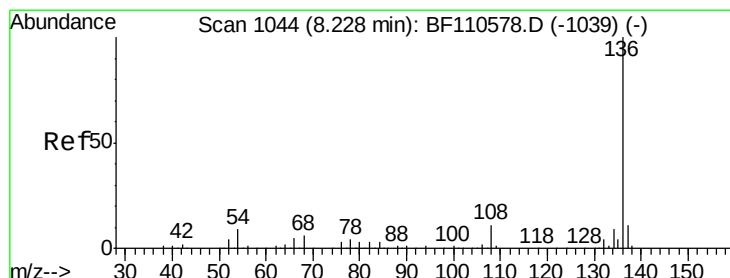
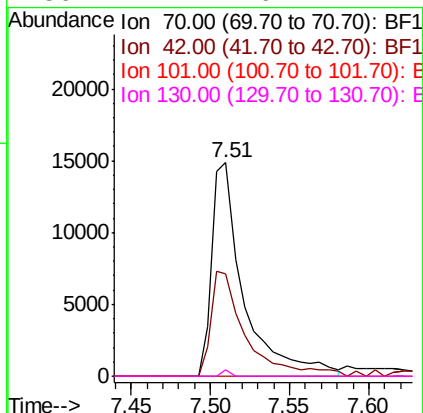
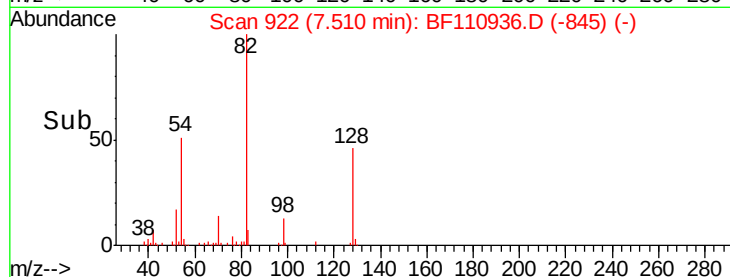
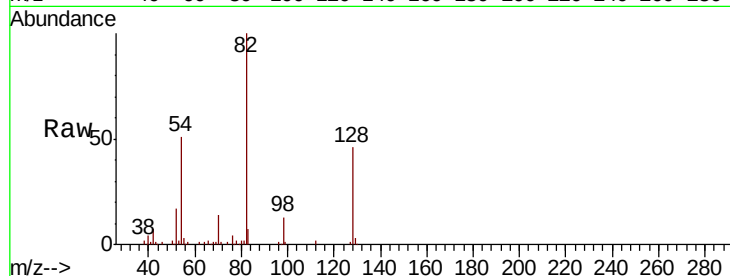




#19
n-Nitroso-di-n-propylamine
Concen: 6.646 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

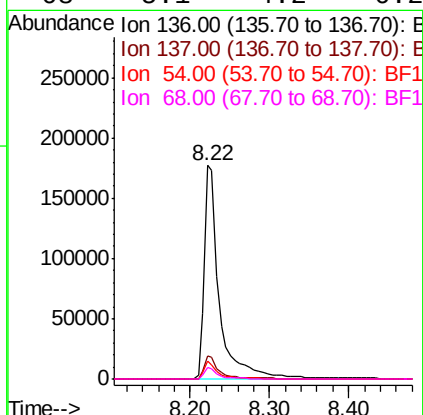
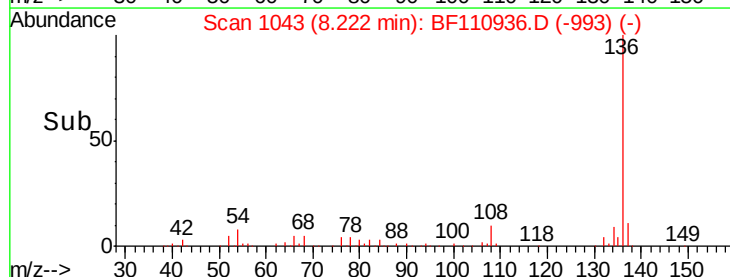
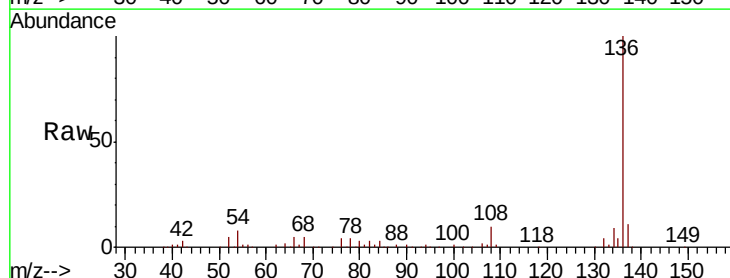
Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

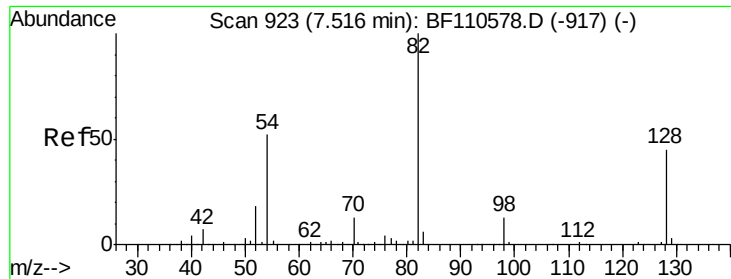
Tgt Ion: 70 Resp: 20961
Ion Ratio Lower Upper
70 100
42 48.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.7 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Tgt Ion: 136 Resp: 240209
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.4 5.4 8.2#
68 5.1 4.2 6.2

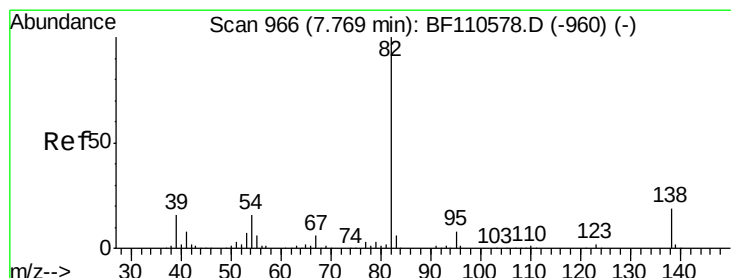
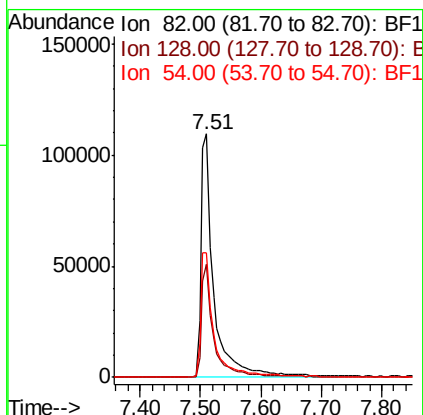
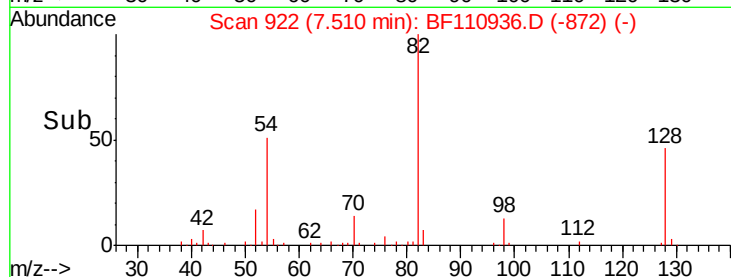
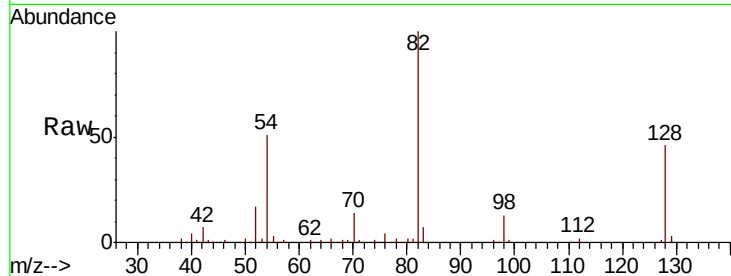




#23
Nitrobenzene-d5
Concen: 39.275 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

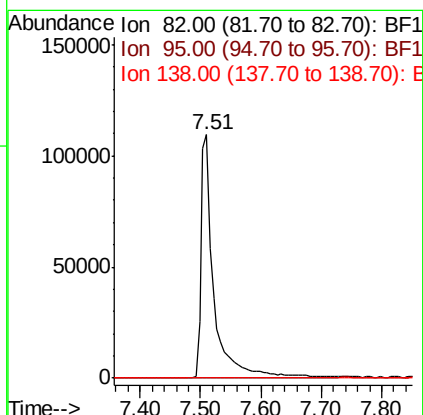
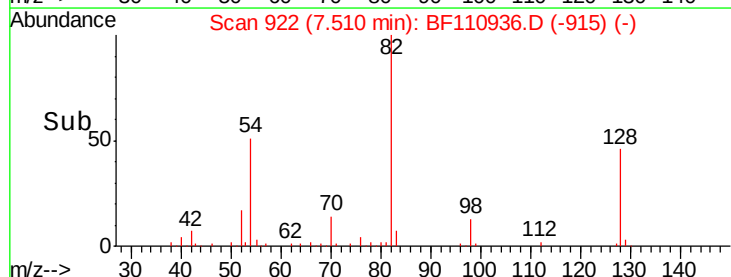
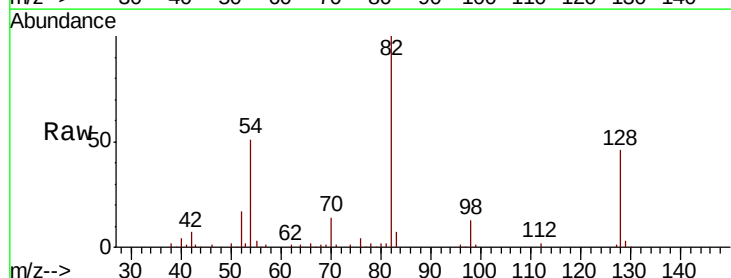
Instrument :
BNA_F
ClientSampled :
AOC1-06-A

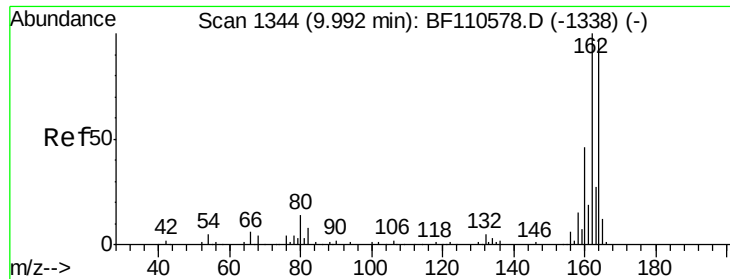
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.2	51.2
54	51.2	38.6	58.0



#25
Isophorone
Concen: 23.963 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

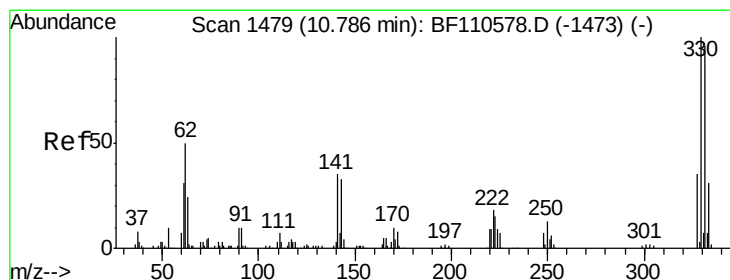
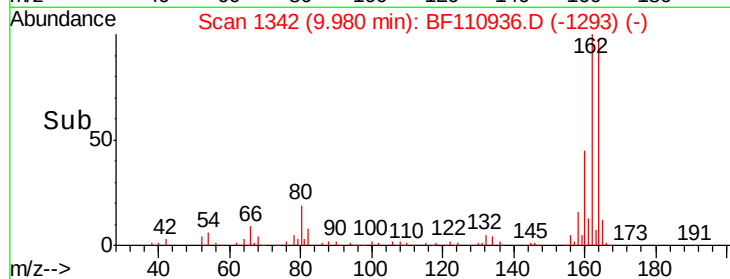
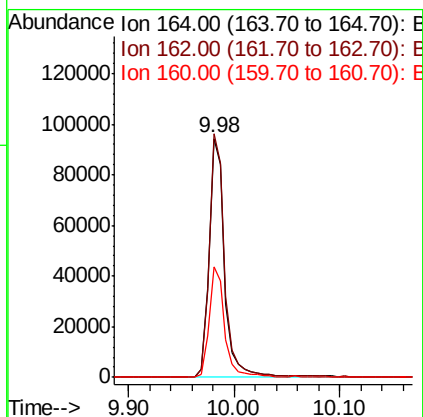
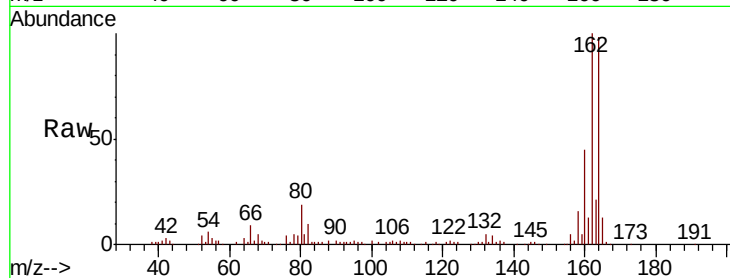




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

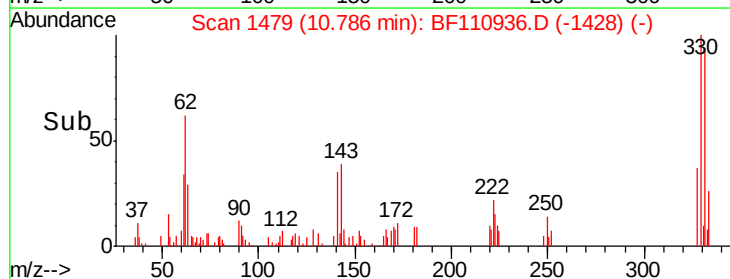
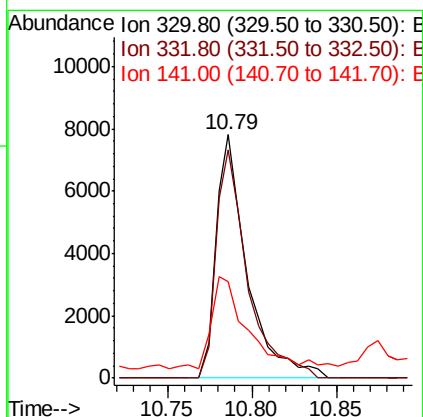
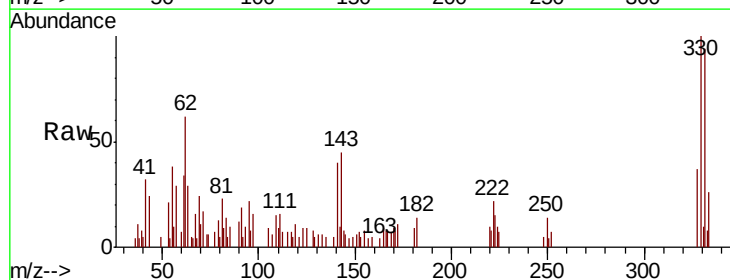
Instrument :
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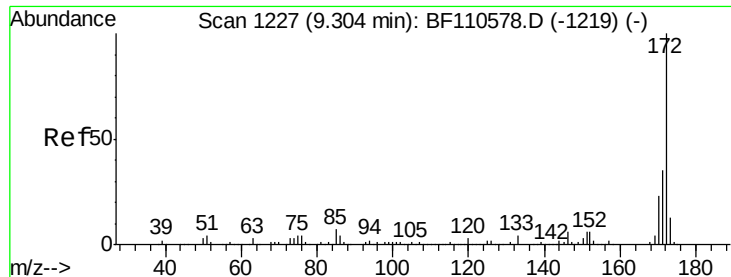
Tgt Ion:164 Resp: 97299
Ion Ratio Lower Upper
164 100
162 101.9 83.0 124.6
160 46.0 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 10.254 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Tgt Ion:330 Resp: 10053
Ion Ratio Lower Upper
330 100
332 94.9 77.1 115.7
141 41.3 27.0 40.4#

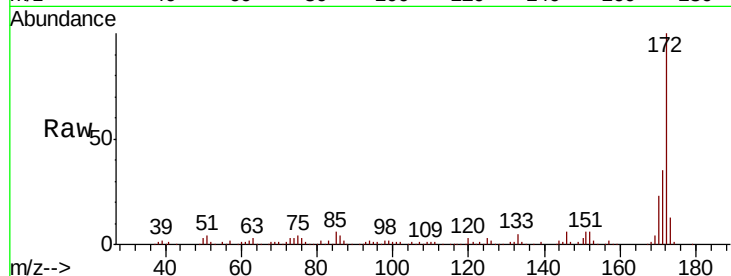




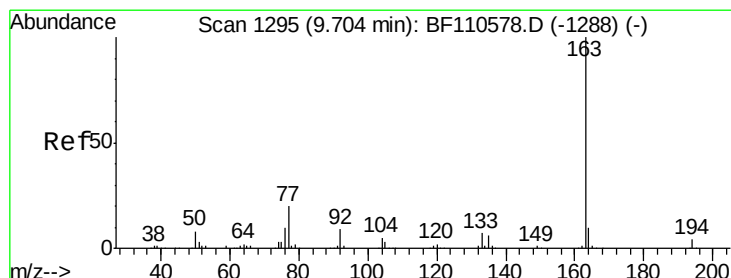
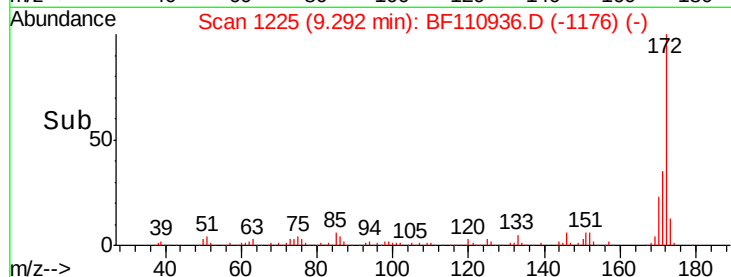
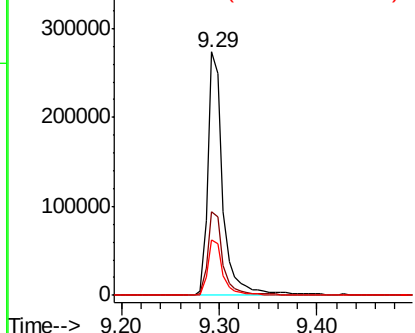
#45
2-Fluorobiphenyl
Concen: 43.243 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tgt Ion:172 Resp: 294604
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 22.9 19.7 29.5

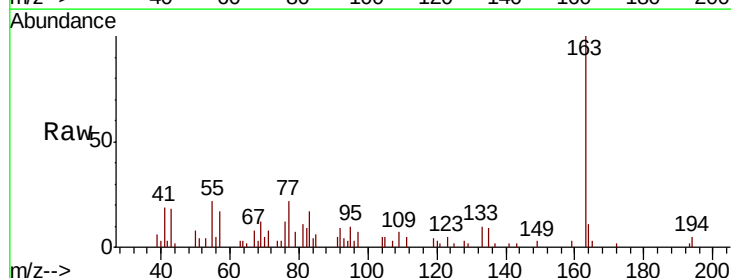


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

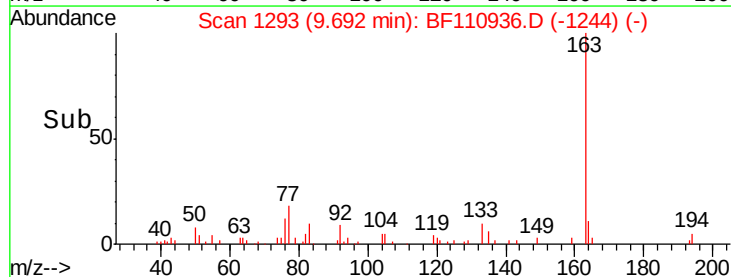
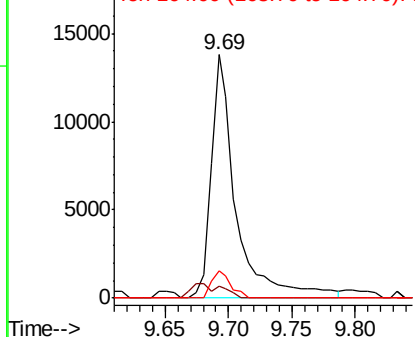


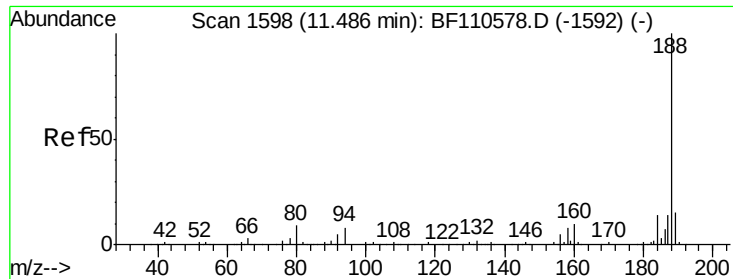
#50
Dimethylphthalate
Concen: 2.619 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Tgt Ion:163 Resp: 19011
Ion Ratio Lower Upper
163 100
194 4.8 3.2 4.8
164 11.1 8.1 12.1



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

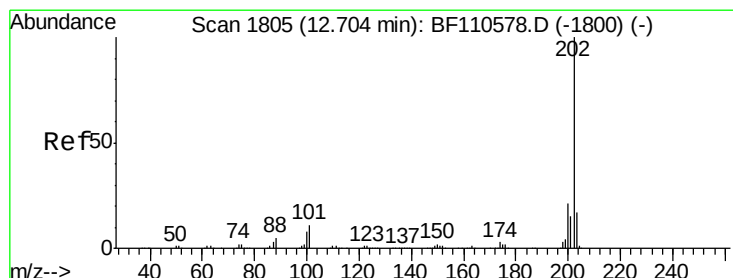
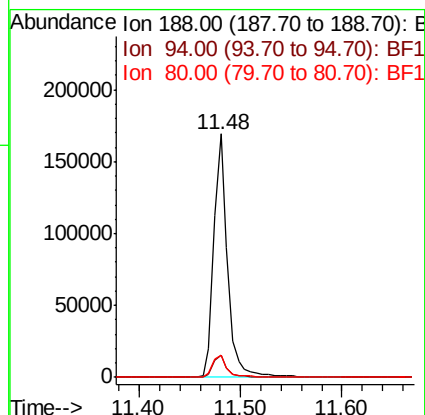
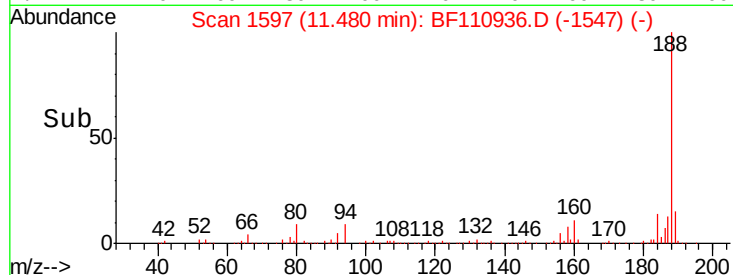
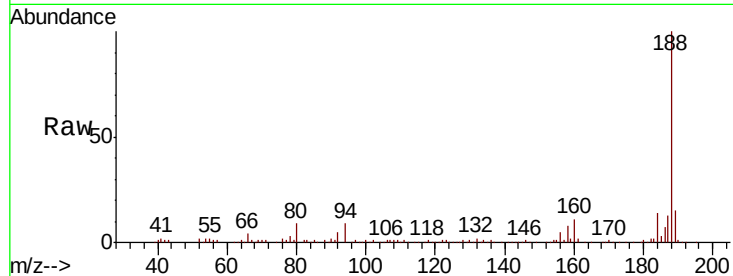




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

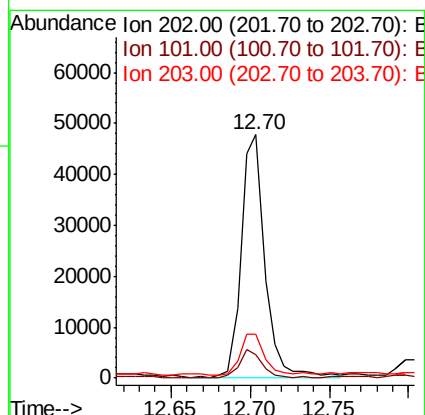
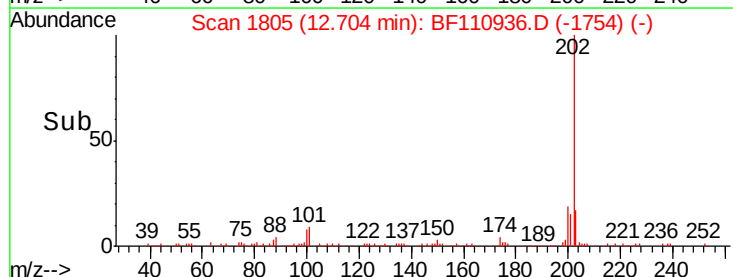
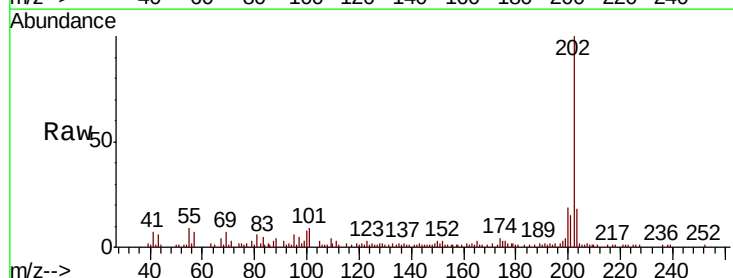
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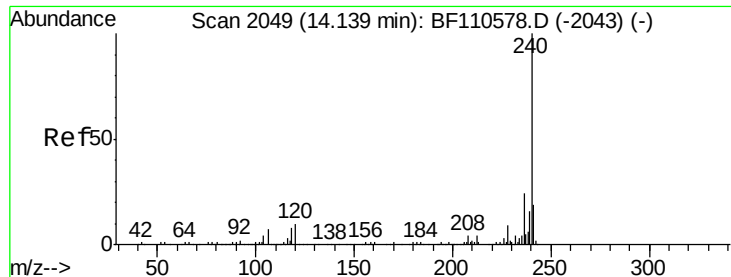
Tgt Ion:188 Resp: 161209
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.1 7.9 11.9



#75
Fluoranthene
Concen: 5.768 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Tgt Ion:202 Resp: 49944
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.4
203 17.8 0.0 37.7

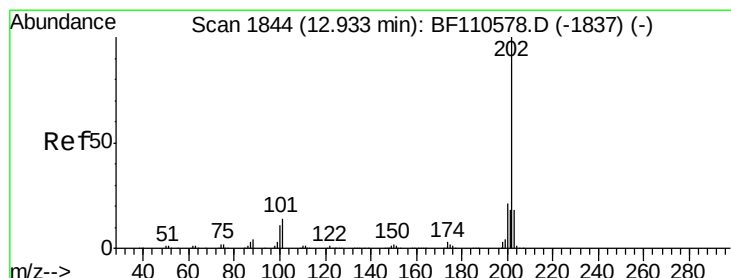
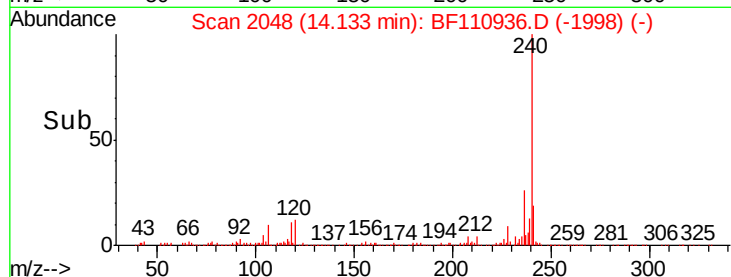
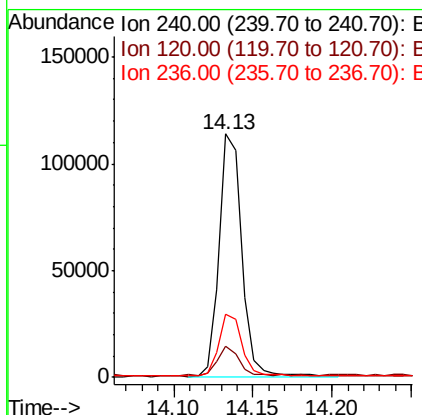
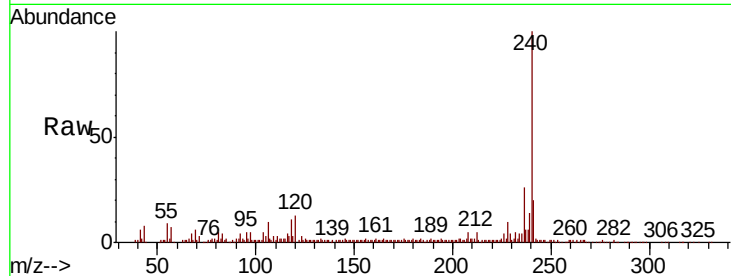




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

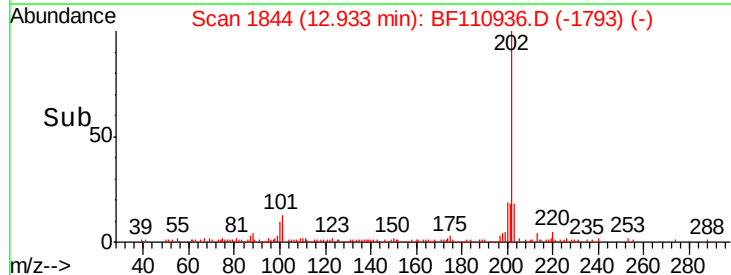
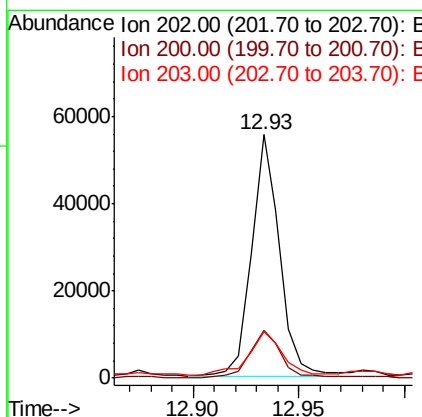
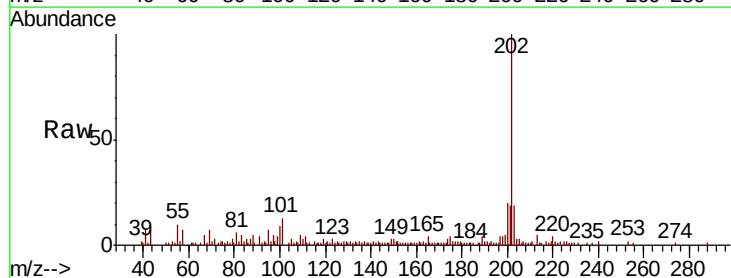
Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

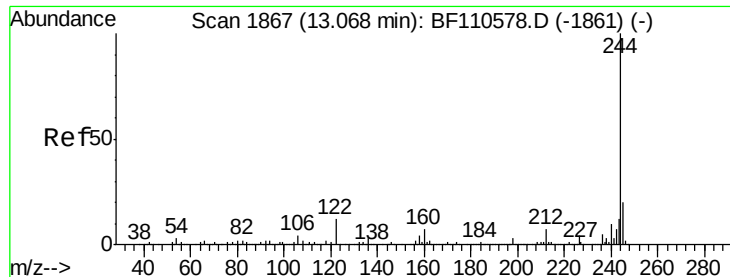
Tgt Ion:240 Resp: 111876
Ion Ratio Lower Upper
240 100
120 12.7 8.3 12.5#
236 26.1 21.2 31.8



#78
Pyrene
Concen: 5.912 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Tgt Ion:202 Resp: 50929
Ion Ratio Lower Upper
202 100
200 19.9 17.8 26.6
203 19.2 14.2 21.4





#79

Terphenyl-d14

Concen: 42.195 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110936.D

Acq: 21 Nov 2018 18:52

Instrument :

BNA_F

ClientSampleId :

AOC1-06-A

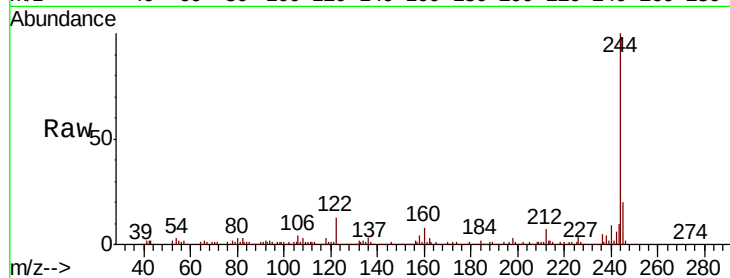
Tgt Ion:244 Resp: 252065

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

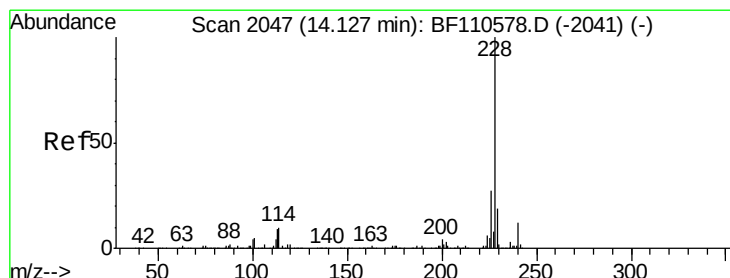
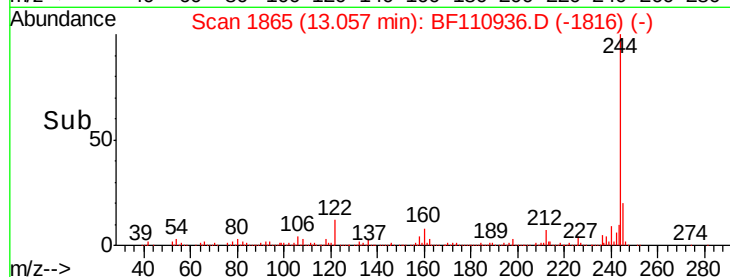
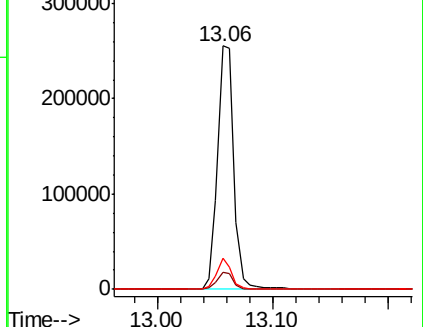
122 12.6 8.7 13.1



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: 3.555 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110936.D

Acq: 21 Nov 2018 18:52

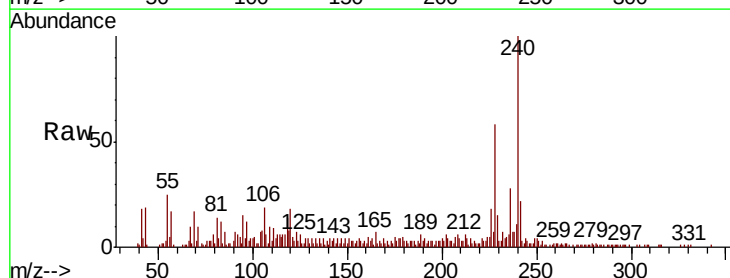
Tgt Ion:228 Resp: 23769

Ion Ratio Lower Upper

228 100

226 30.4 22.1 33.1

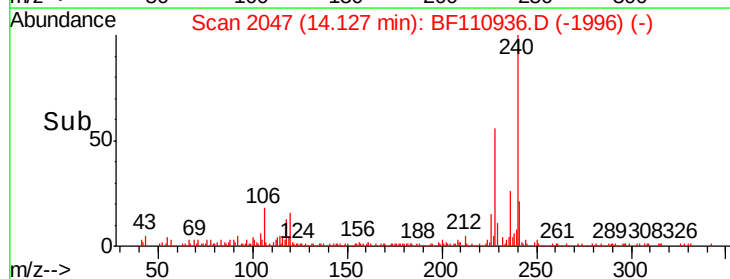
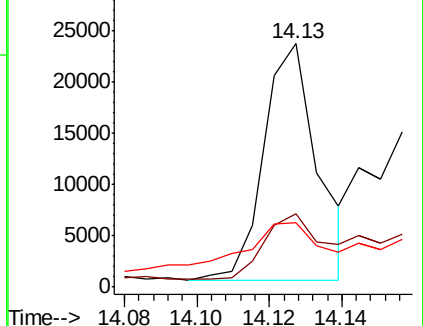
229 26.5 15.6 23.4#

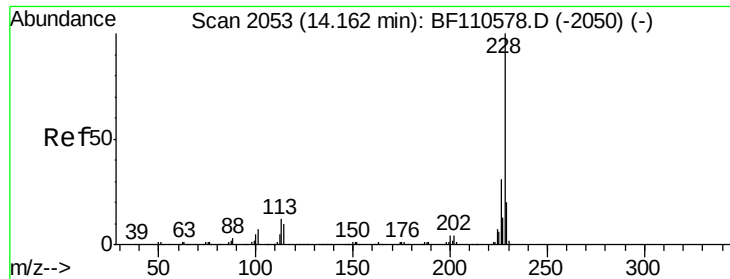


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 4.225 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110936.D

Acq: 21 Nov 2018 18:52

Instrument :

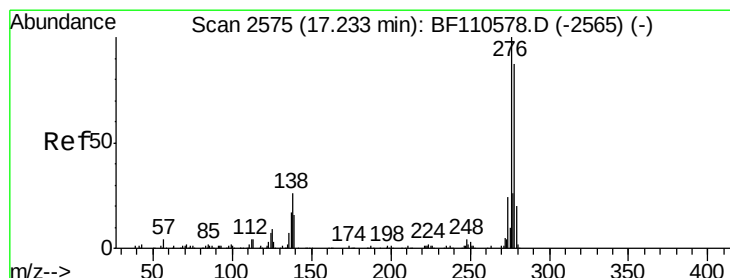
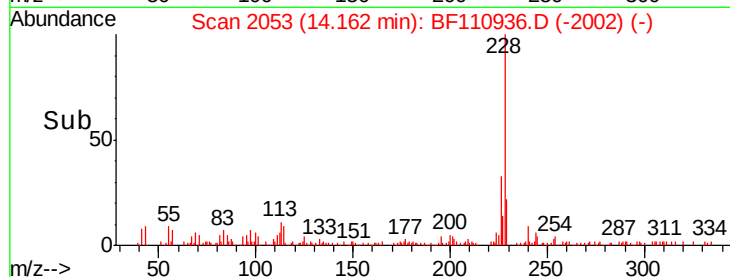
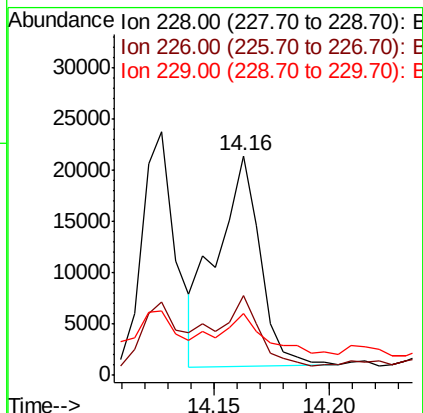
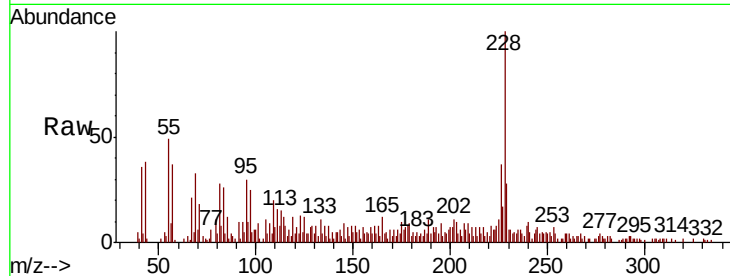
BNA_F

ClientSampleId :

AOC1-06-A

Tgt Ion: 228 Resp: 26917

Ion	Ratio	Lower	Upper
228	100		
226	36.6	24.7	37.1
229	28.0	15.9	23.9



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.552 ng

RT: 17.28 min Scan# 2583

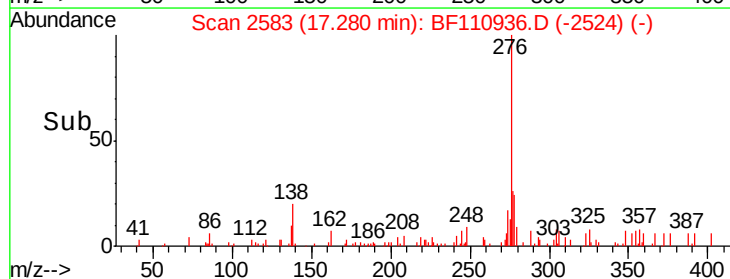
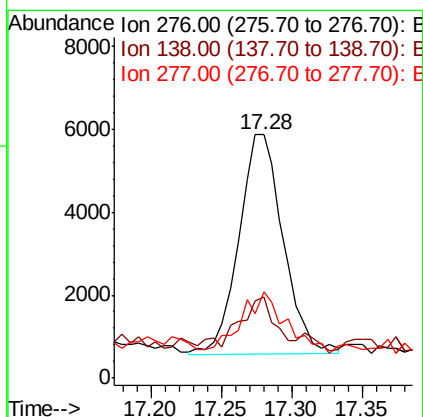
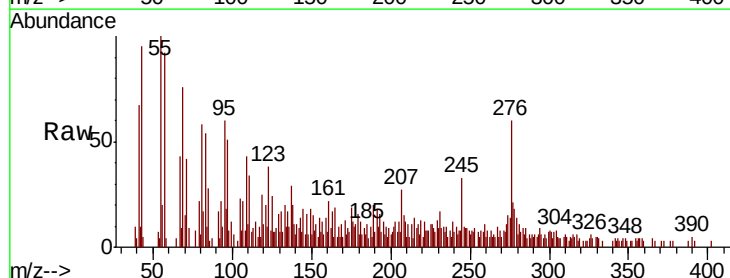
Delta R.T. 0.05 min

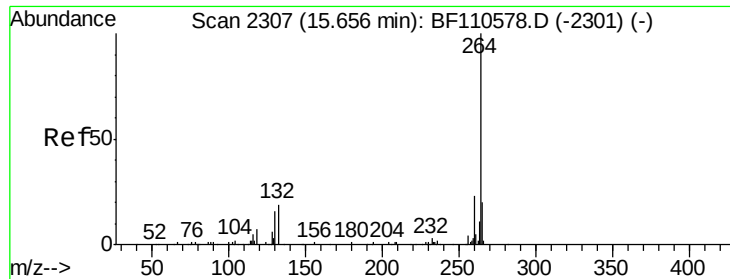
Lab File: BF110936.D

Acq: 21 Nov 2018 18:52

Tgt Ion: 276 Resp: 11667

Ion	Ratio	Lower	Upper
276	100		
138	17.2	18.5	27.7
277	27.9	20.0	30.0

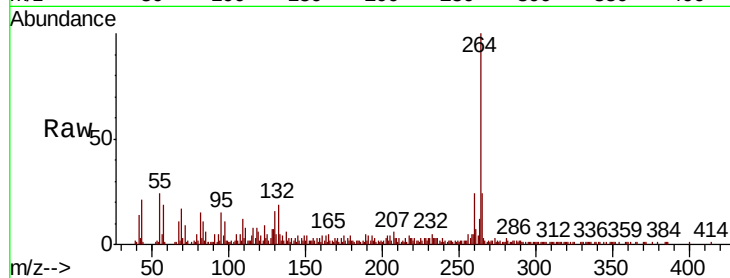




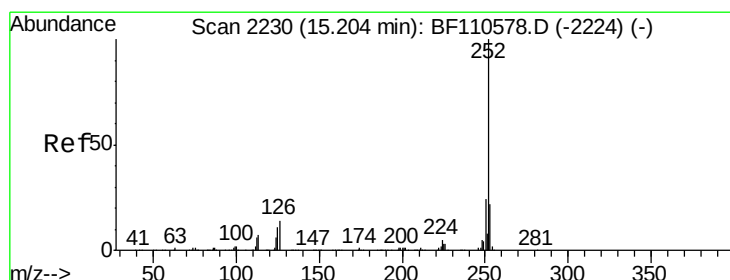
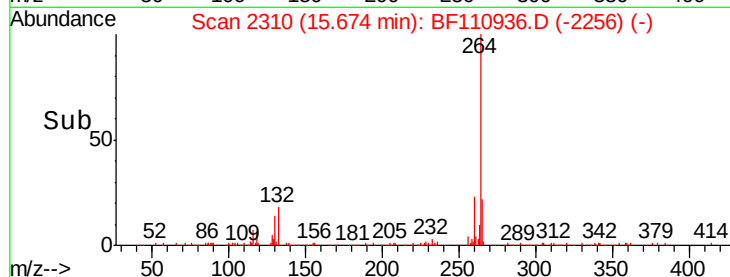
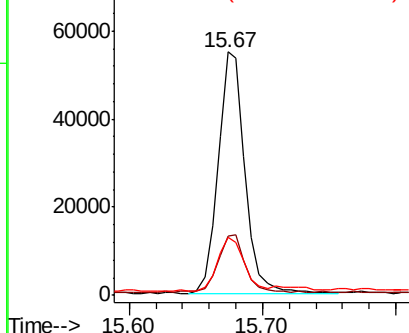
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.02 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tgt Ion:264 Resp: 77116
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 23.9 16.7 25.1

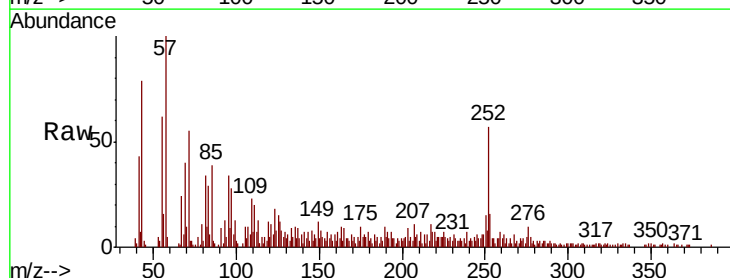


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

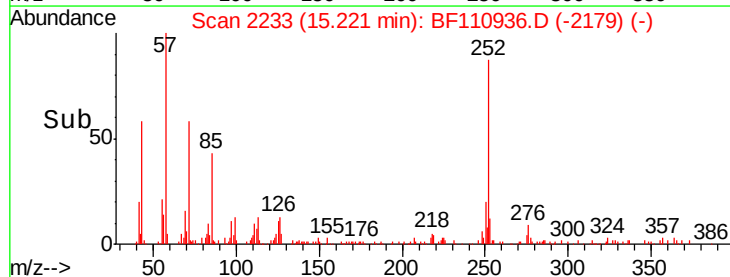
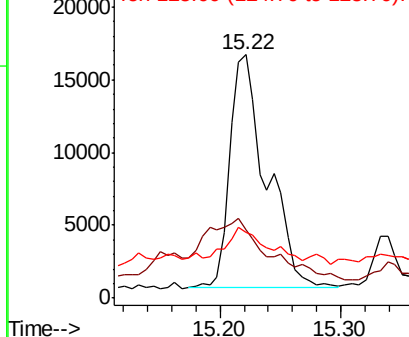


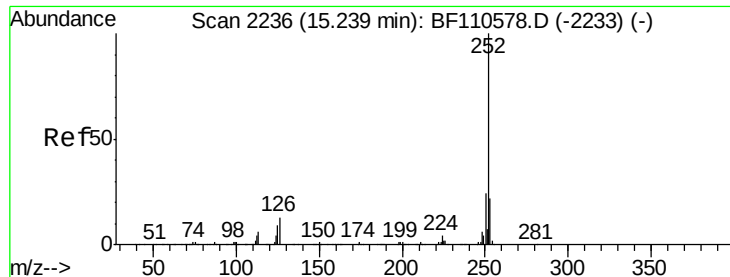
#88
Benzo(b)fluoranthene
Concen: 7.361 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.02 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Tgt Ion:252 Resp: 33959
Ion Ratio Lower Upper
252 100
253 27.8 17.2 25.8#
125 26.8 8.2 12.4#



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

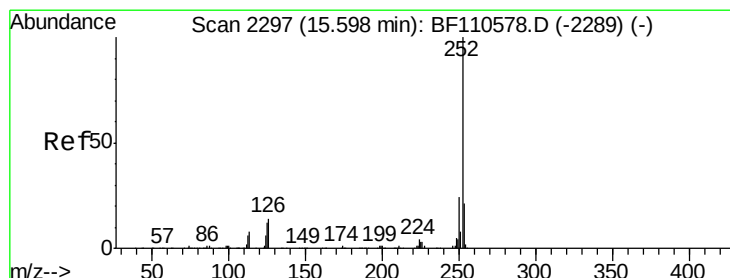
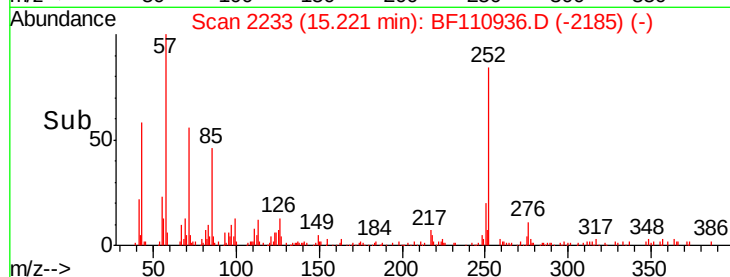
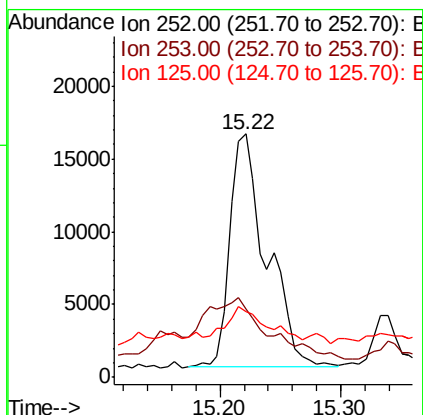
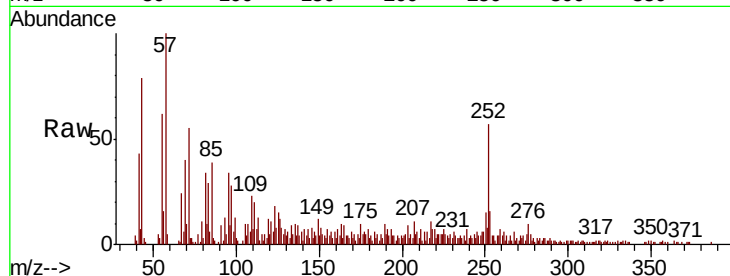




#89
Benzo(k)fluoranthene
Concen: 7.450 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tgt Ion: 252 Resp: 33959
Ion Ratio Lower Upper
252 100
253 27.8 17.2 25.8#
125 26.8 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 4.151 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110936.D
Acq: 21 Nov 2018 18:52

Tgt Ion: 252 Resp: 17401
Ion Ratio Lower Upper
252 100
253 31.5 18.2 27.4#
125 33.3 9.0 13.6#

