

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111263.D
 Acq On : 11 Dec 2018 00:54
 Operator : JU/SJ
 Sample : J6196-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-120718-A

Quant Time: Dec 11 04:01:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	464366	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1690714	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	648726	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1011554	20.00	ng	0.00
76) Chrysene-d12	13.96	240	751429	20.00	ng	0.00
87) Perylene-d12	15.40	264	563585	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1551967	52.77	ng	0.00
7) Phenol-d6	6.43	99	1889409	51.70	ng	0.00
23) Nitrobenzene-d5	7.36	82	1090012	36.16	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	254542	44.30	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1589753	34.68	ng	0.00
79) Terphenyl-d14	12.90	244	1211486	38.67	ng	0.00

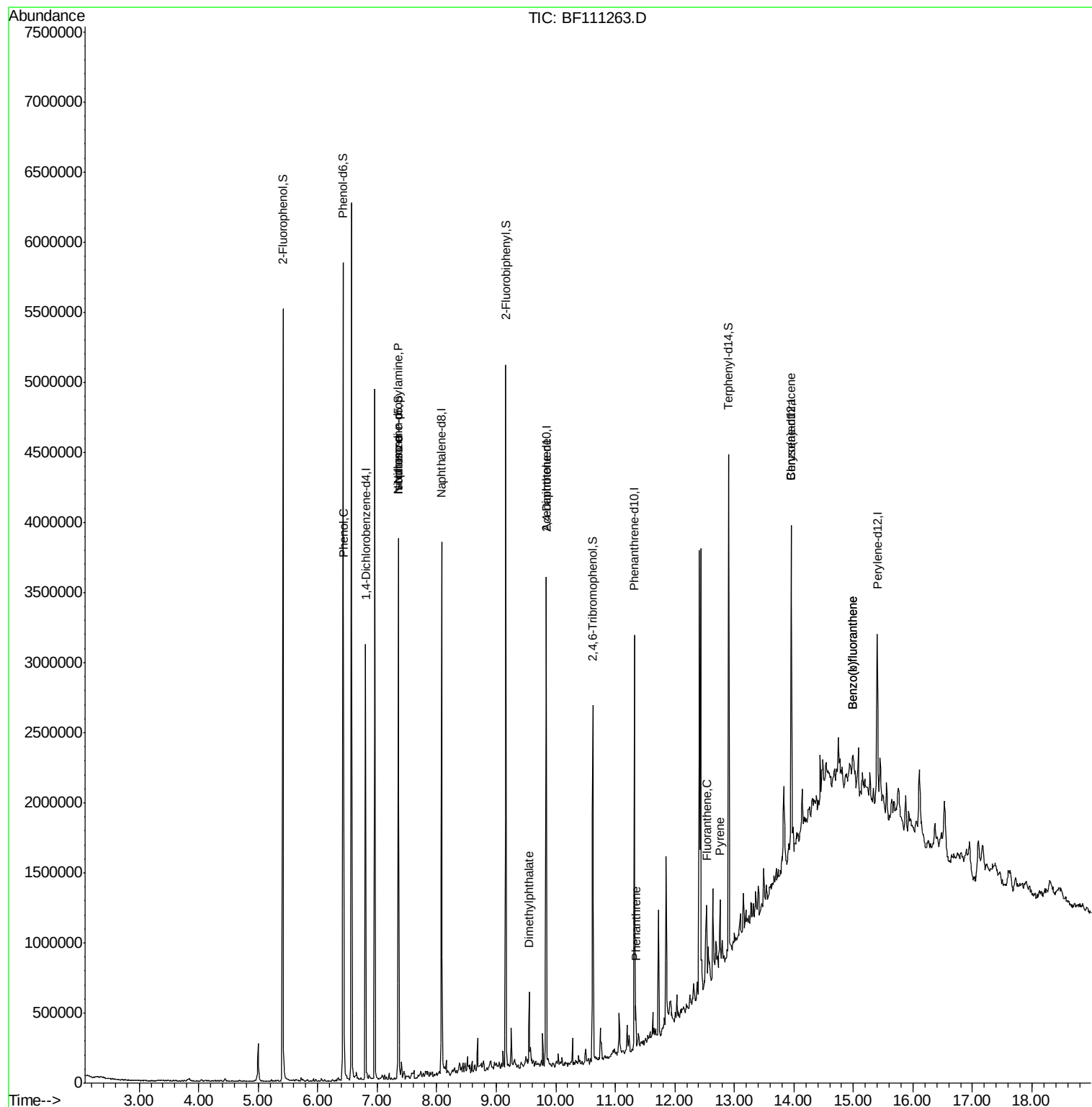
Target Compounds				Qvalue		
9) Benzaldehyde	6.42	77	4583	Below Cal	#	1
10) Phenol	6.44	94	106421	2.490 ng		93
19) n-Nitroso-di-n-propylamine	7.36	70	140487	5.738 ng	#	81
25) Isophorone	7.36	82	1065744	20.758 ng	#	64
46) 1,1'-Biphenyl	9.26	154	5758	Below Cal		97
50) Dimethylphthalate	9.55	163	170881	3.570 ng		99
57) 2,4-Dinitrotoluene	9.84	165	86521	6.639 ng	#	25
71) Phenanthrene	11.35	178	111442	2.184 ng		93
75) Fluoranthene	12.53	202	213819	4.588 ng		99
78) Pyrene	12.76	202	195716	3.645 ng		97
81) Benzo(a)anthracene	13.95	228	94373	2.251 ng	#	91
88) Benzo(b)fluoranthene	14.99	252	111847	3.589 ng	#	44
89) Benzo(k)fluoranthene	14.99	252	111847	3.817 ng	#	43

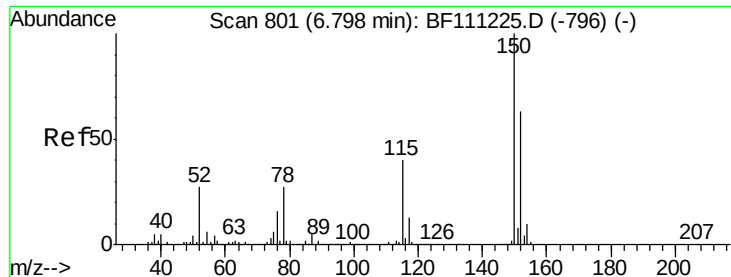
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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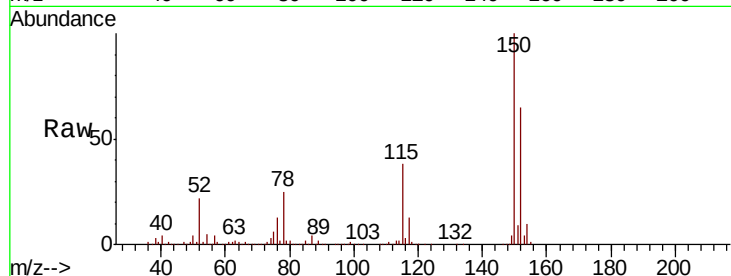


#1

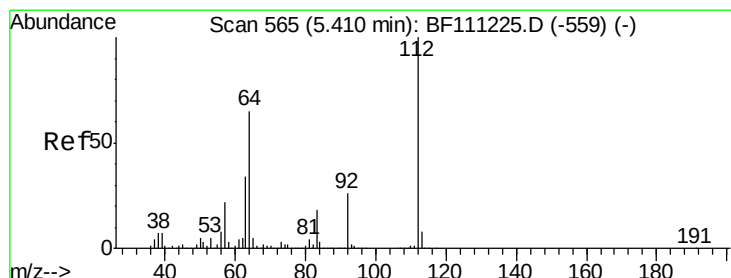
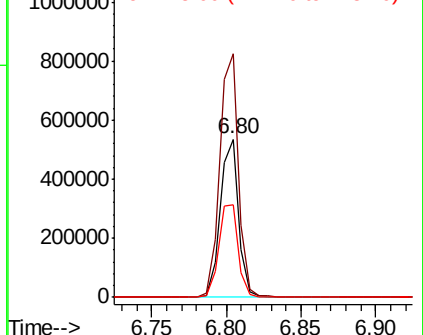
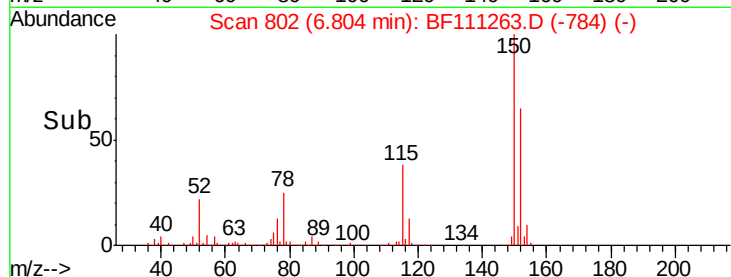
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

Tgt Ion:152 Resp: 464366
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 58.5 50.7 76.1



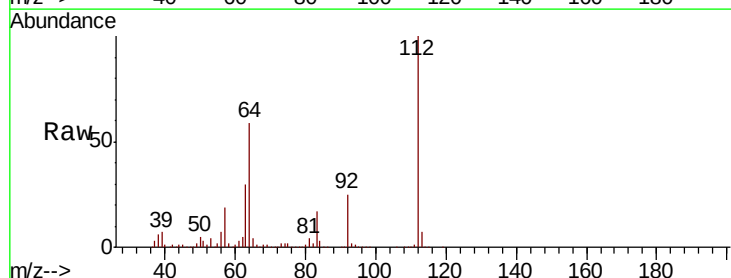
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



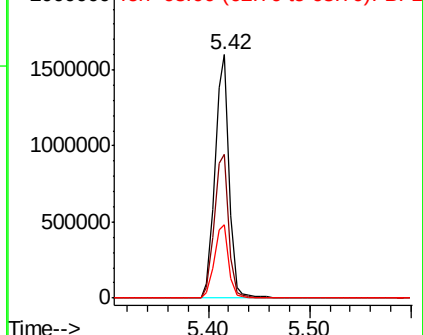
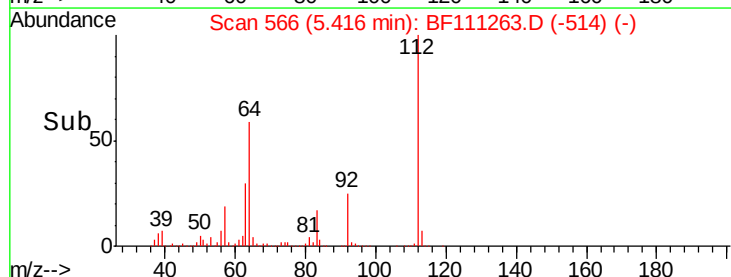
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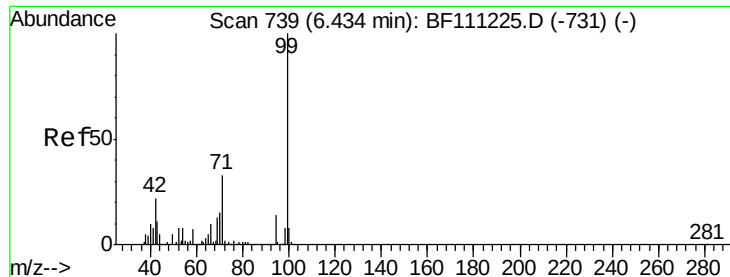
2-Fluorophenol
Concen: 52.774 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Tgt Ion:112 Resp: 1551967
Ion Ratio Lower Upper
112 100
64 59.2 51.8 77.6
63 30.3 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 51.699 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111263.D

Acq: 11 Dec 2018 00:54

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-A

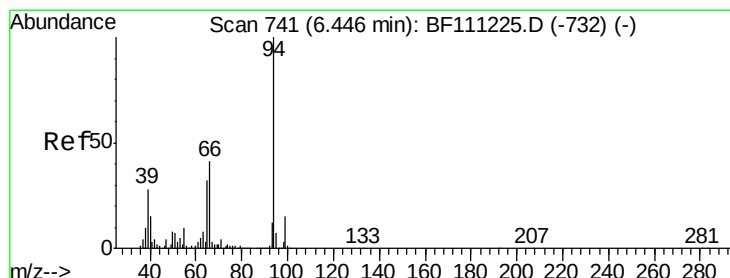
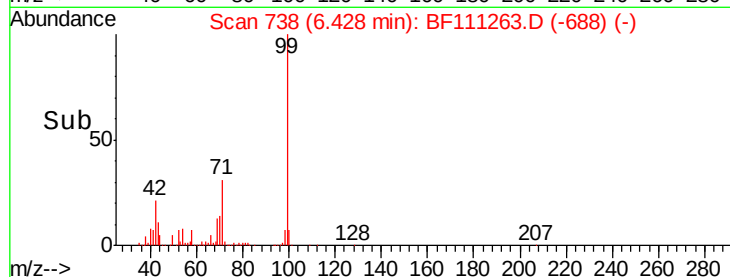
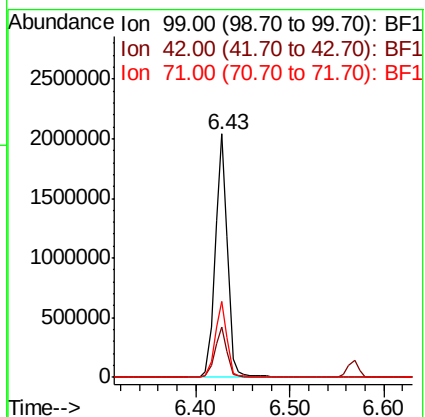
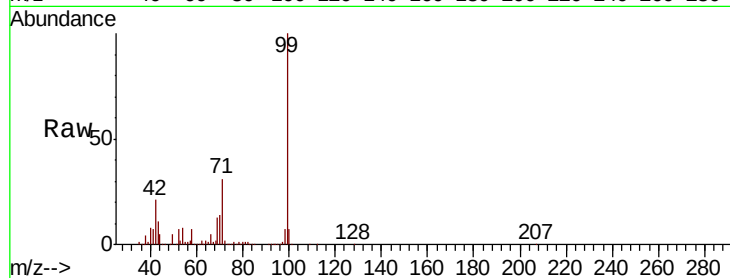
Tgt Ion: 99 Resp: 1889409

Ion Ratio Lower Upper

99 100

42 20.8 17.4 26.0

71 31.0 26.1 39.1



#10

Phenol

Concen: 2.490 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111263.D

Acq: 11 Dec 2018 00:54

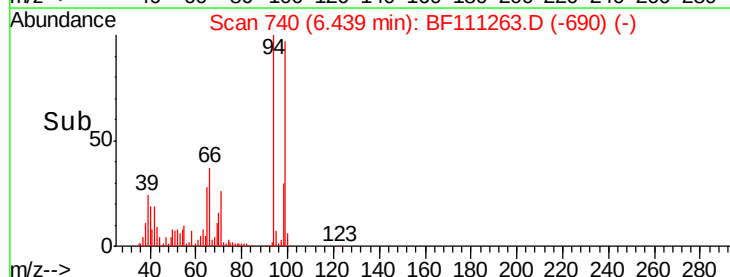
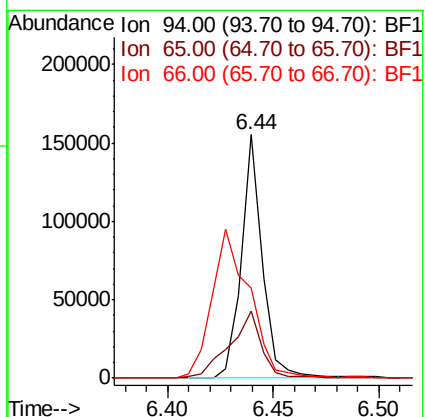
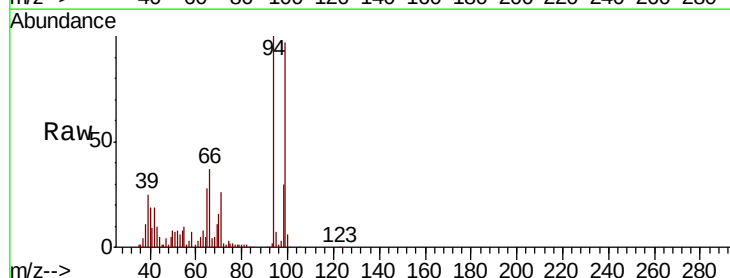
Tgt Ion: 94 Resp: 106421

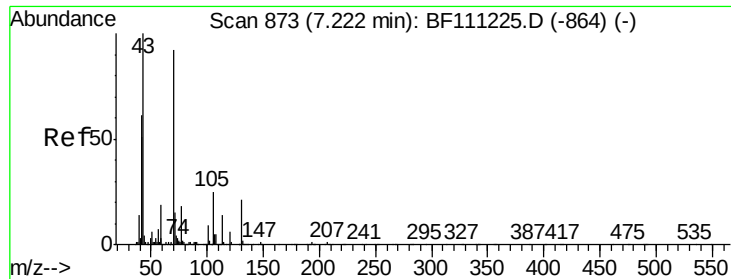
Ion Ratio Lower Upper

94 100

65 27.5 11.7 51.7

66 37.0 21.0 61.0

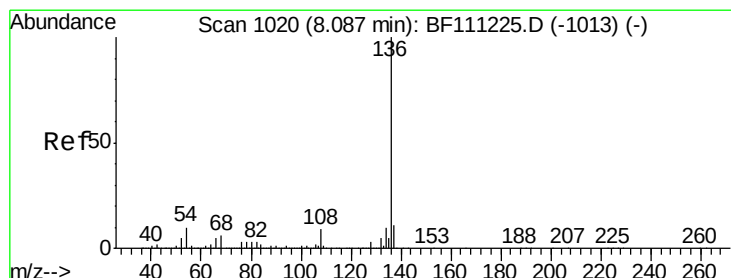
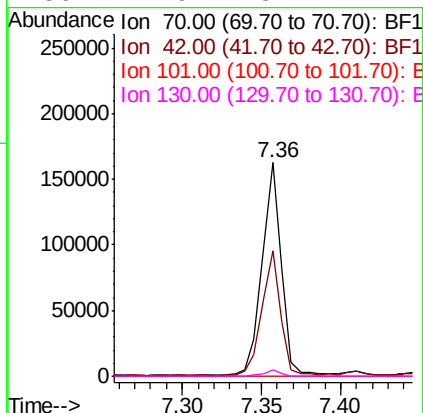
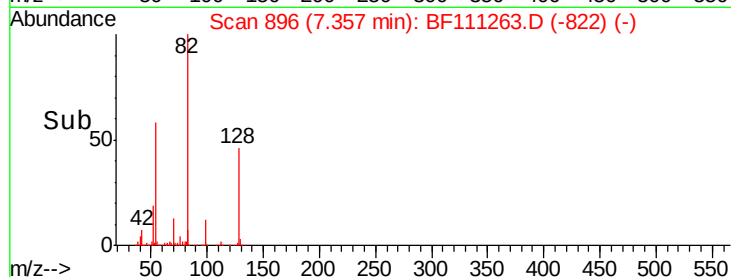
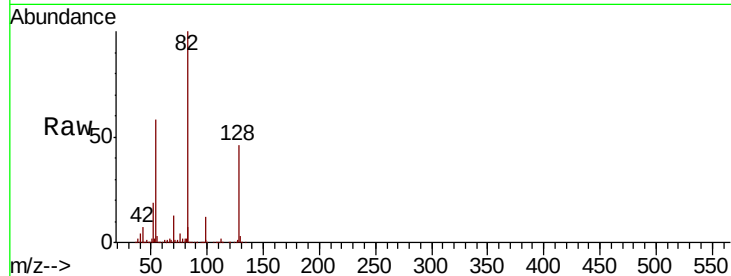




#19
n-Nitroso-di-n-propylamine
Concen: 5.738 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

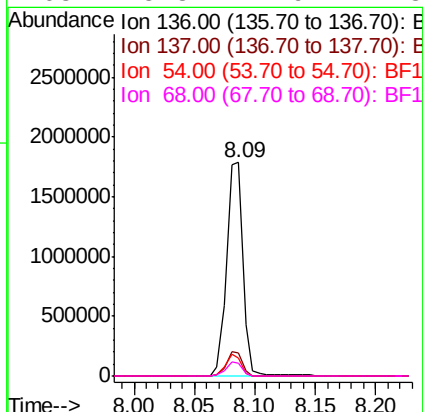
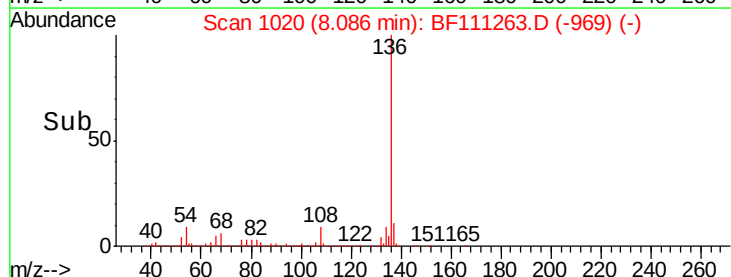
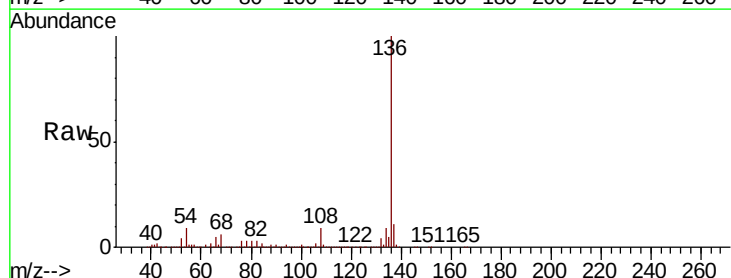
Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

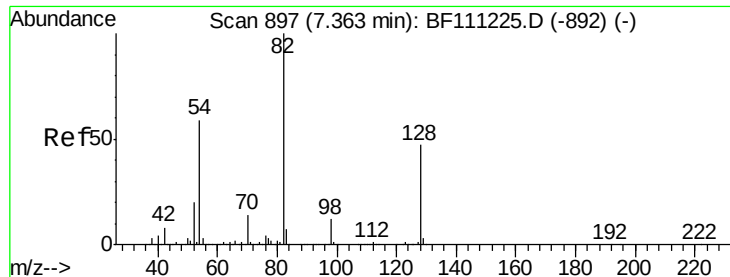
Tgt Ion: 70 Resp: 140487
Ion Ratio Lower Upper
70 100
42 58.6 53.2 79.8
101 0.0 8.2 12.4#
130 2.9 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Tgt Ion: 136 Resp: 1690714
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.7 7.7 11.5
68 5.8 4.9 7.3

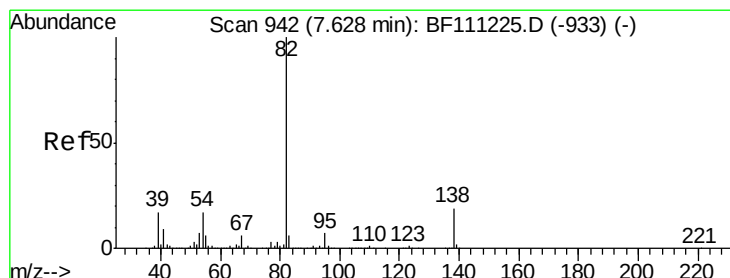
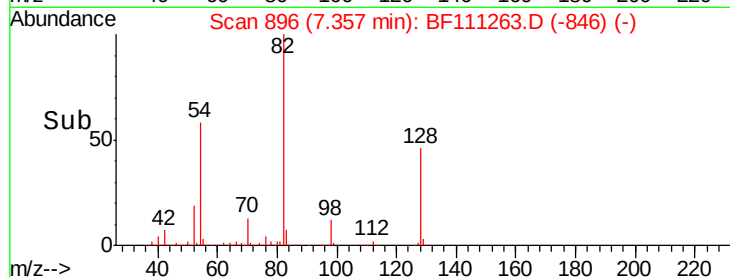
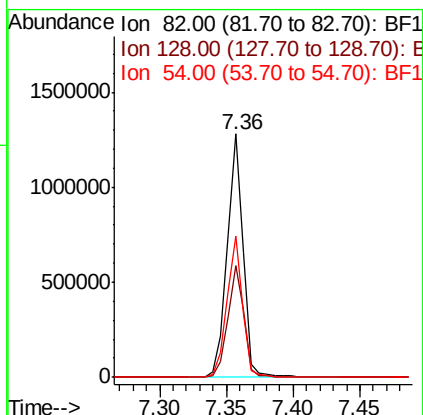
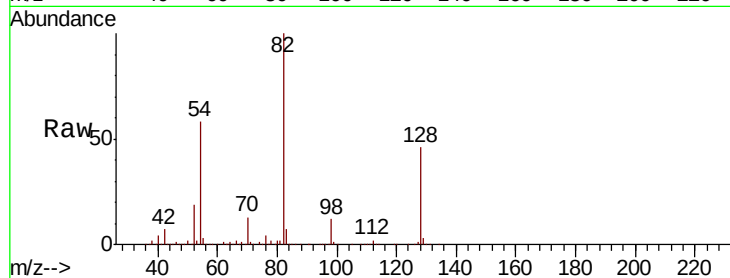




#23
Nitrobenzene-d5
Concen: 36.161 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

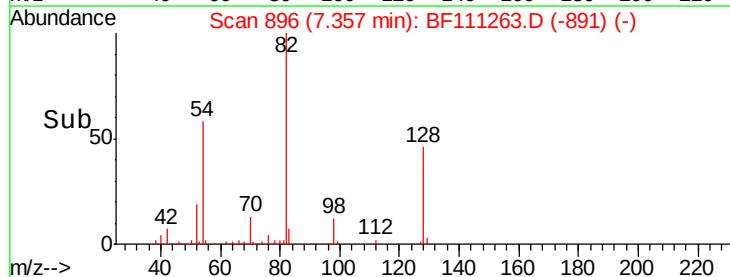
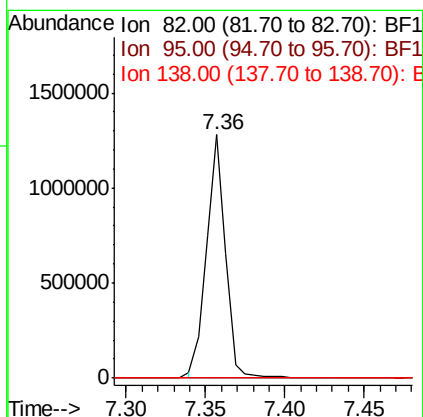
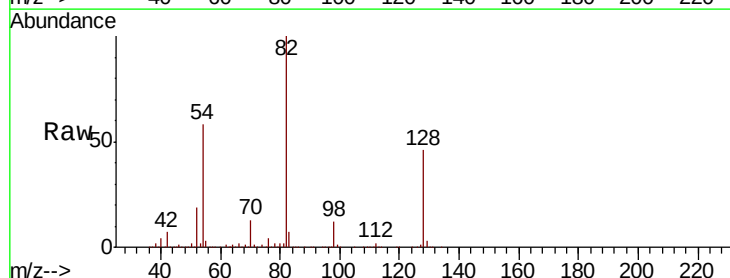
Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

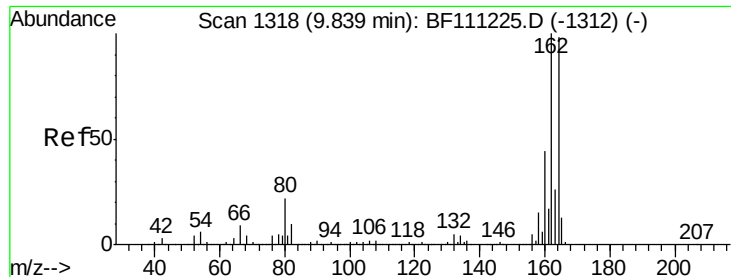
Tgt Ion: 82 Resp: 1090012
Ion Ratio Lower Upper
82 100
128 45.9 37.4 56.2
54 58.3 47.6 71.4



#25
Isophorone
Concen: 20.758 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Tgt Ion: 82 Resp: 1065744
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#

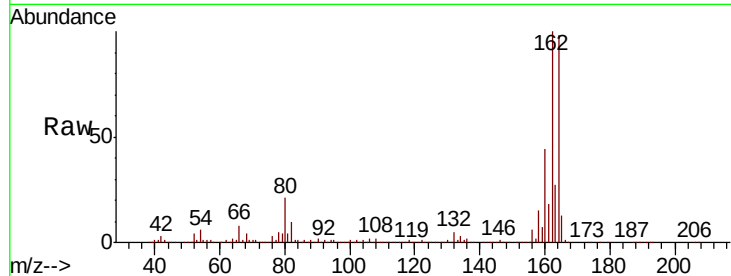




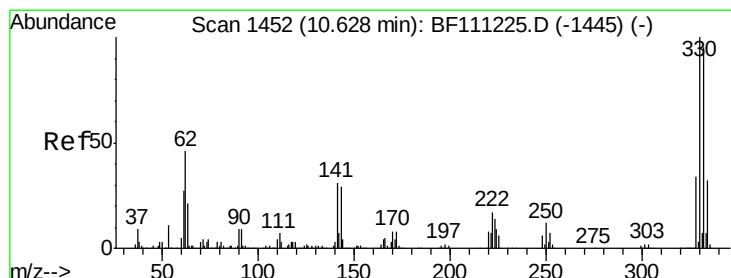
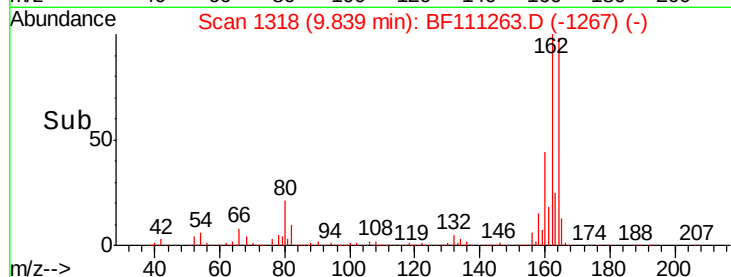
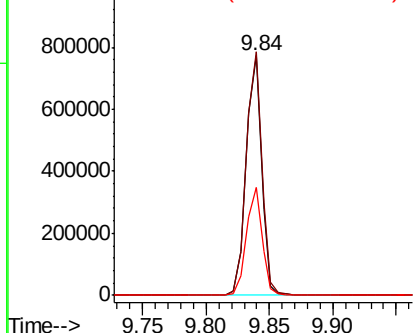
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

Tgt Ion:164 Resp: 648726
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 45.2 35.7 53.5

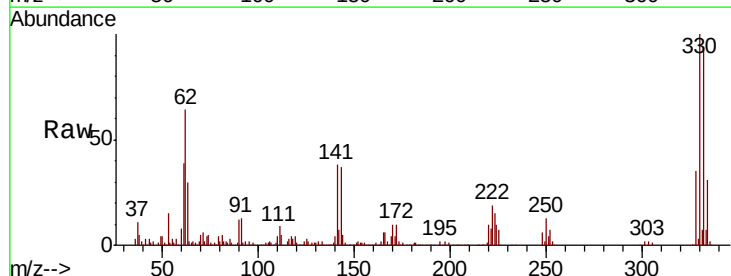


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

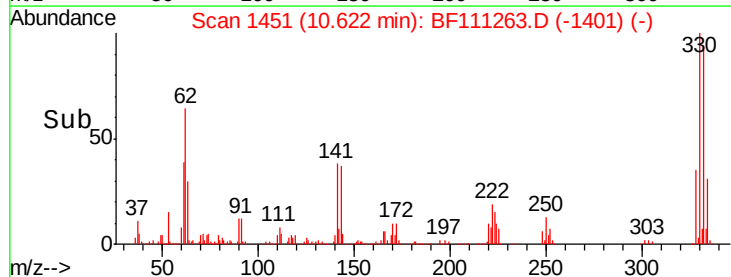
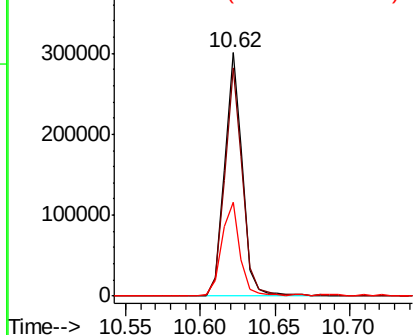


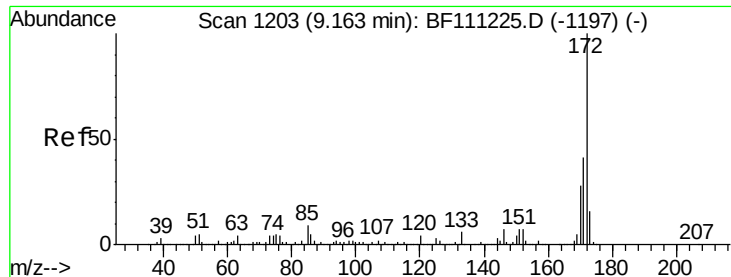
#42
2,4,6-Tribromophenol
Concen: 44.295 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Tgt Ion:330 Resp: 254542
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 38.8 31.0 46.6



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

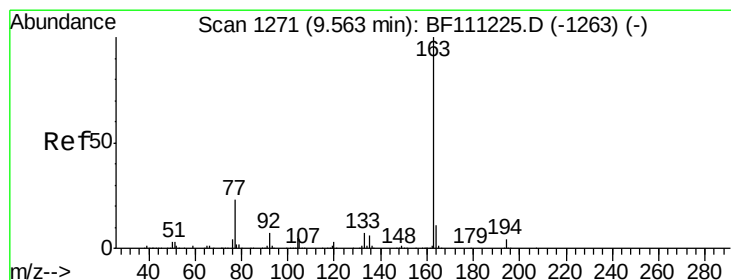
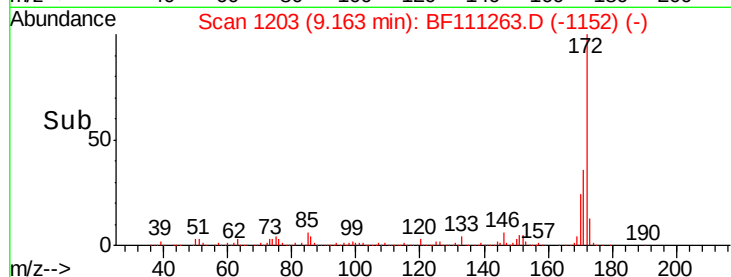
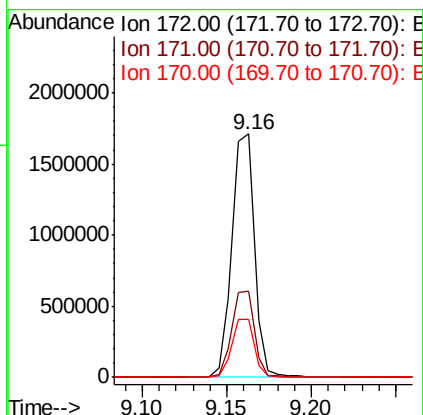
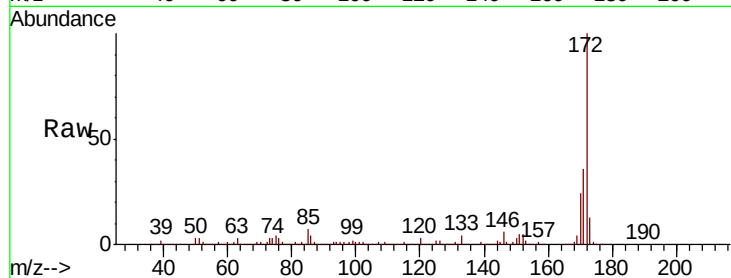




#45
2-Fluorobiphenyl
Concen: 34.682 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

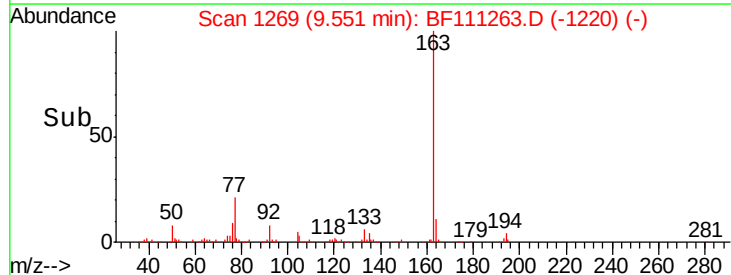
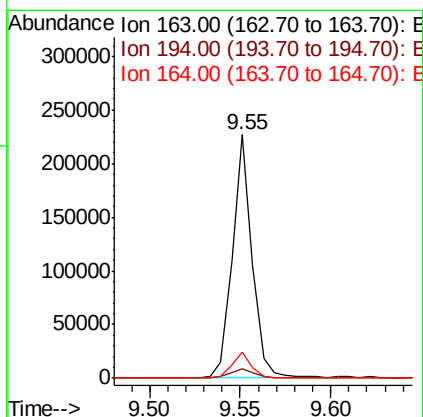
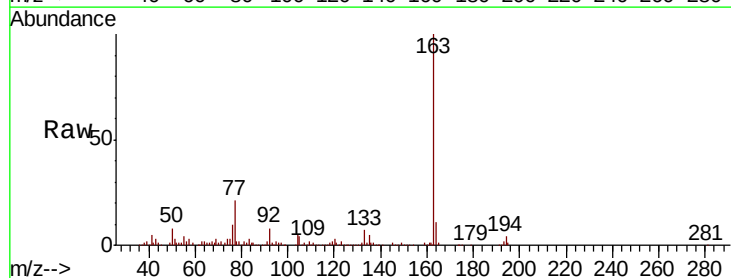
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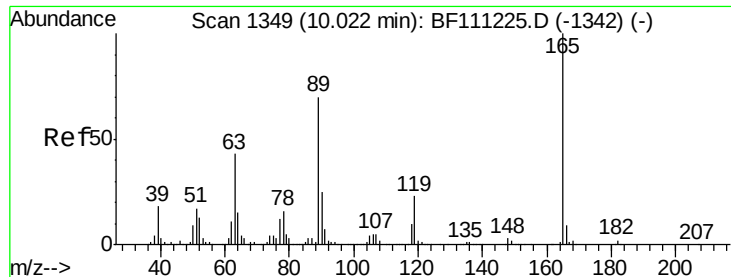
Tgt Ion:172 Resp: 1589753
Ion Ratio Lower Upper
172 100
171 35.6 33.0 49.4
170 23.9 22.3 33.5



#50
Dimethylphthalate
Concen: 3.570 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Tgt Ion:163 Resp: 170881
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.8 8.9 13.3

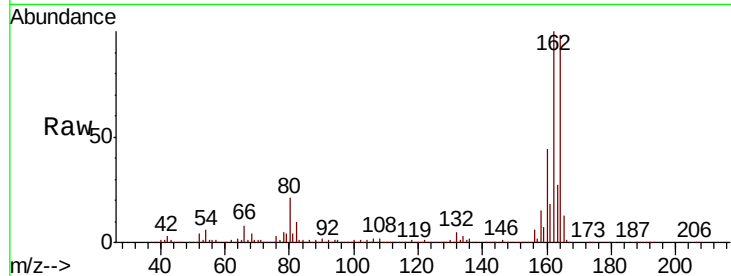




#57
 2,4-Dinitrotoluene
 Concen: 6.639 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111263.D
 Acq: 11 Dec 2018 00:54

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-120718-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#

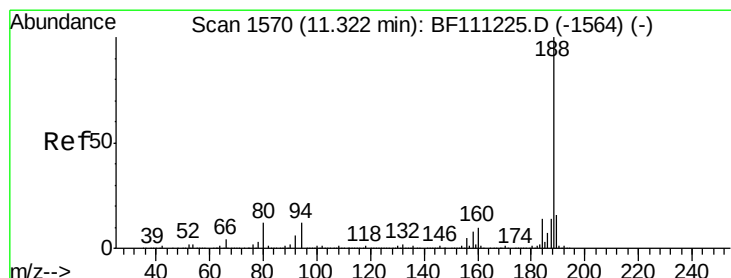
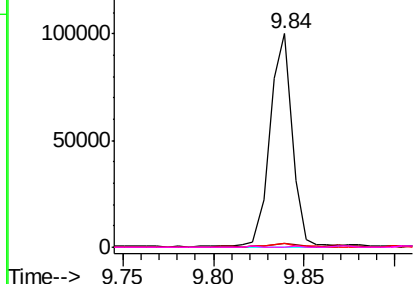
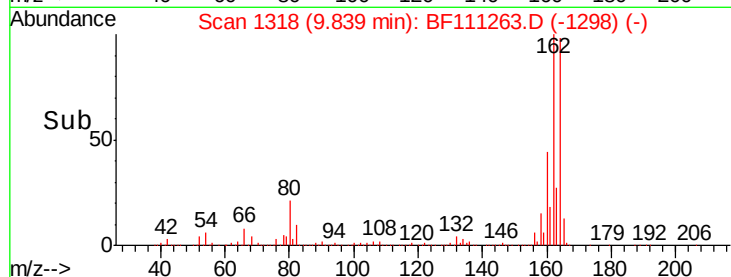


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

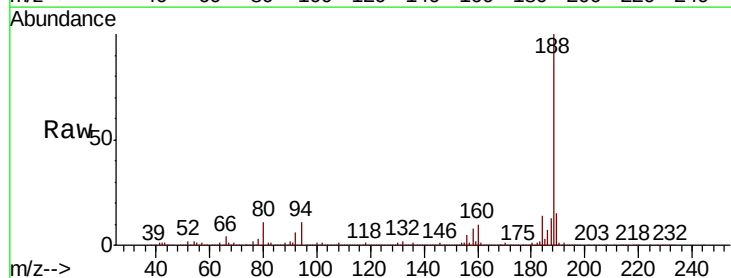
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF111263.D
 Acq: 11 Dec 2018 00:54

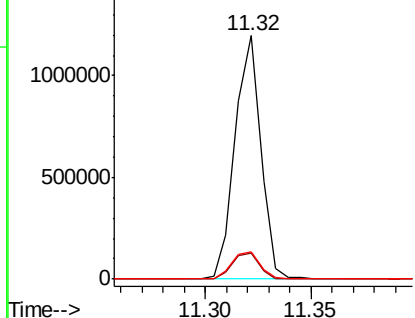
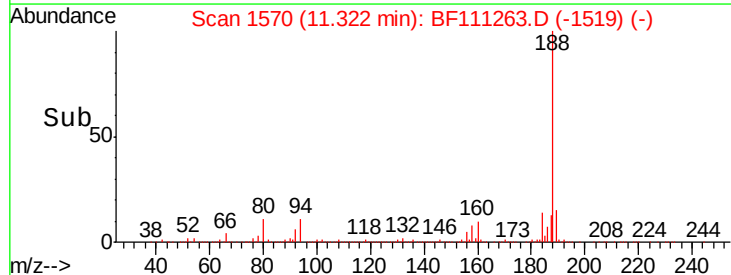
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.6	14.4
80	11.1	9.8	14.6

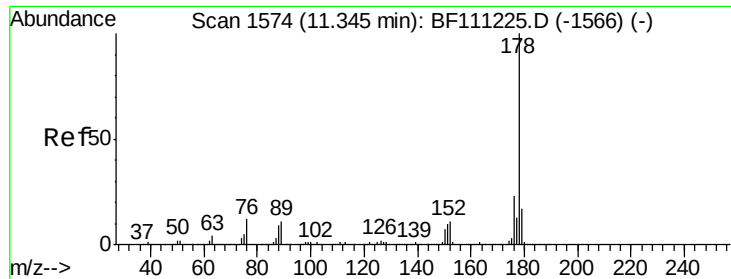


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

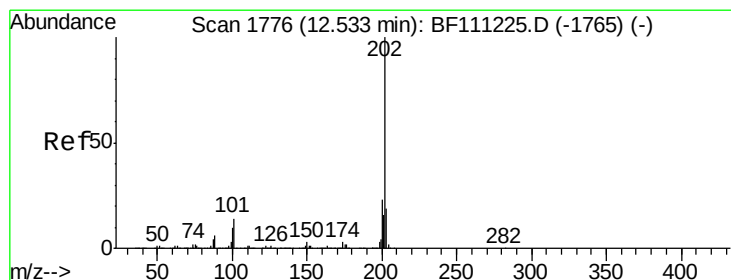
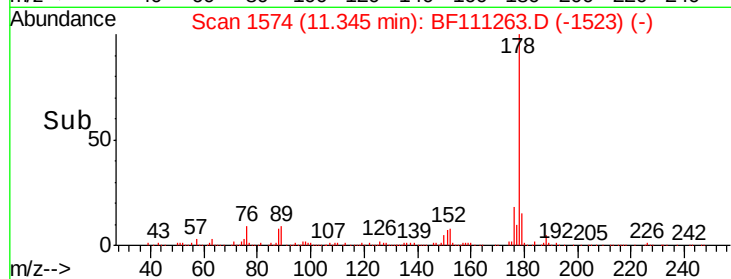
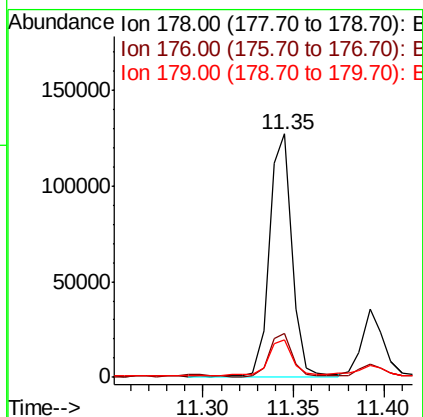
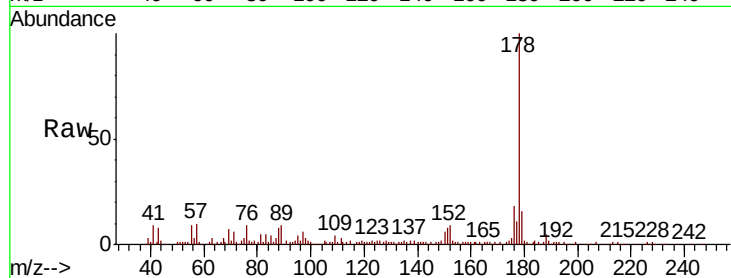




#71
Phenanthrene
Concen: 2.184 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

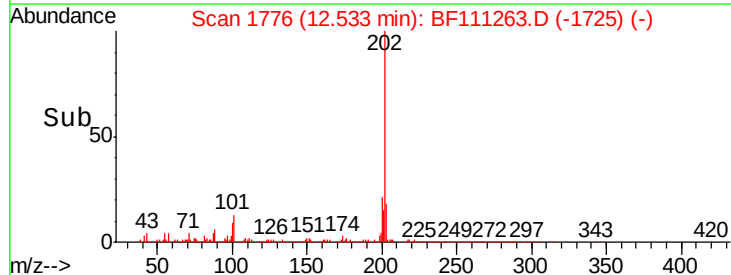
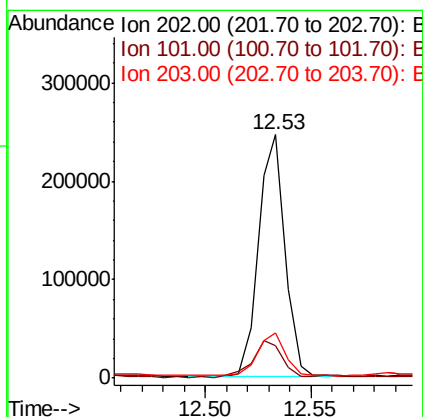
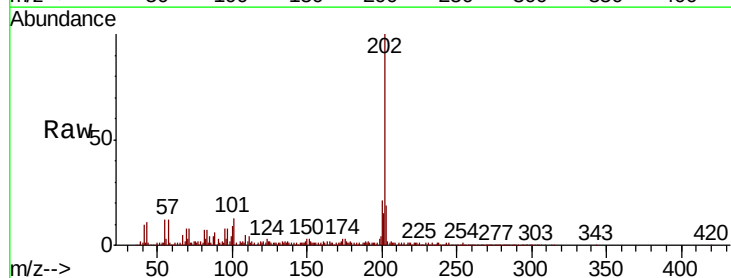
Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

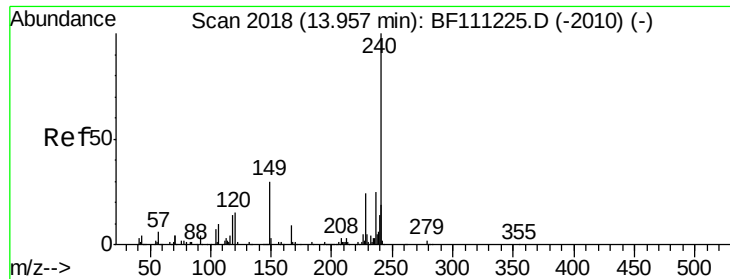
Tgt Ion:178 Resp: 111442
Ion Ratio Lower Upper
178 100
176 18.3 18.1 27.1
179 15.6 14.0 21.0



#75
Fluoranthene
Concen: 4.588 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Tgt Ion:202 Resp: 213819
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.8
203 18.7 0.0 38.6

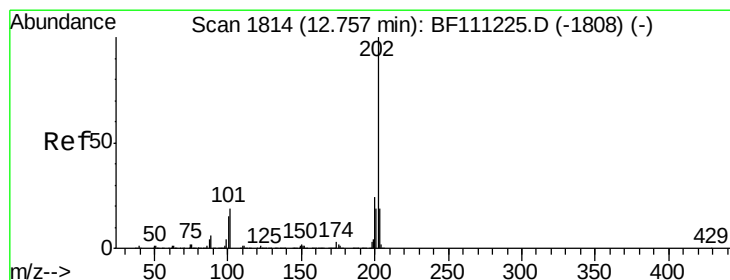
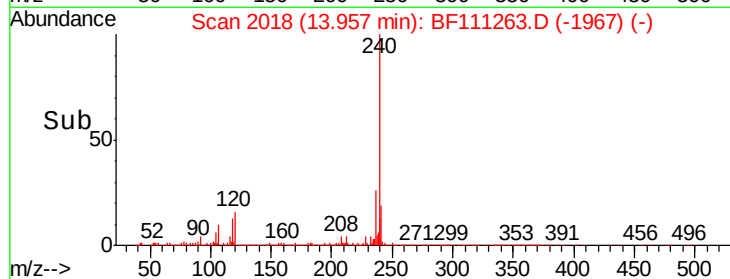
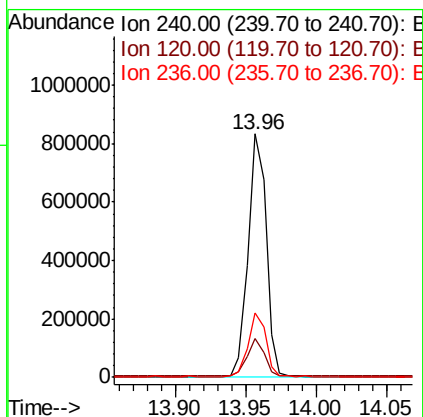
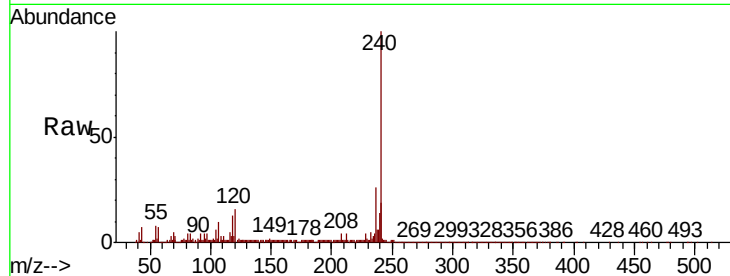




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

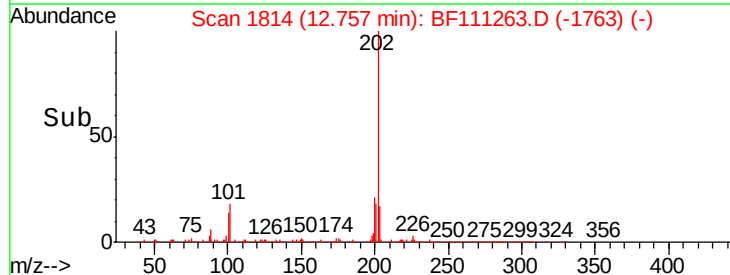
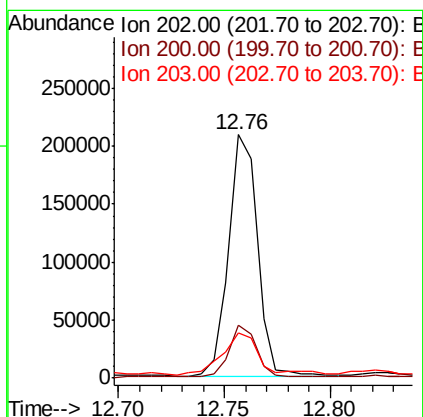
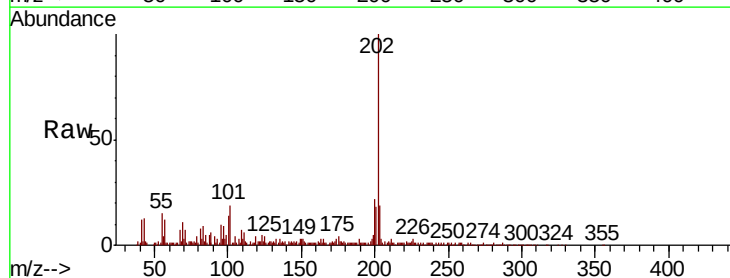
Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

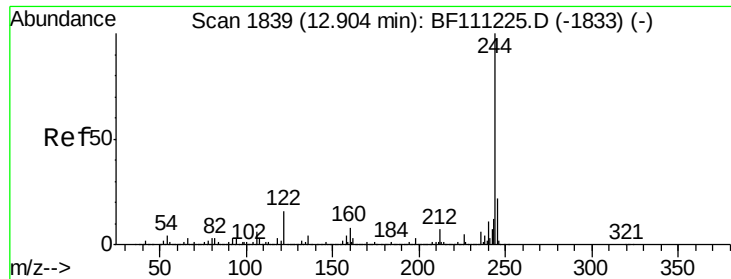
Tgt Ion:240 Resp: 751429
Ion Ratio Lower Upper
240 100
120 16.1 12.2 18.2
236 26.4 20.2 30.2



#78
Pyrene
Concen: 3.645 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Tgt Ion:202 Resp: 195716
Ion Ratio Lower Upper
202 100
200 21.6 19.0 28.4
203 18.8 15.2 22.8

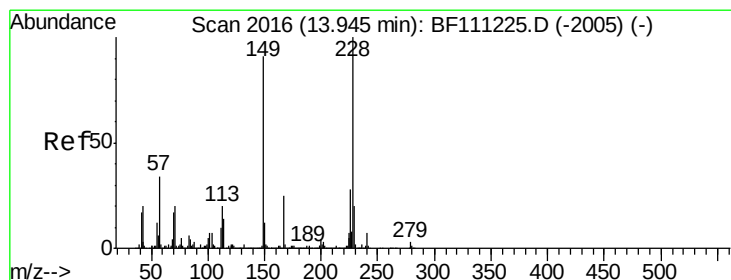
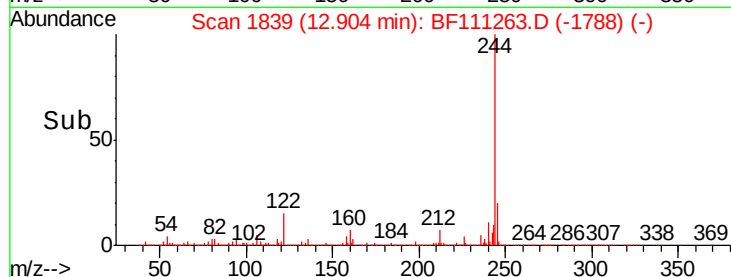
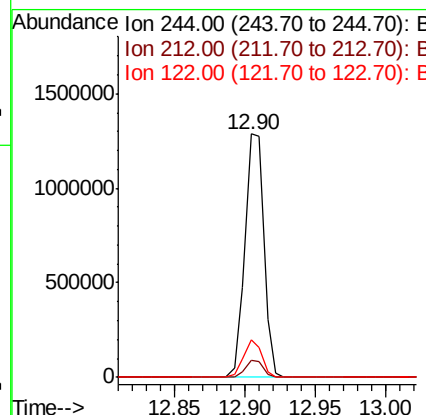
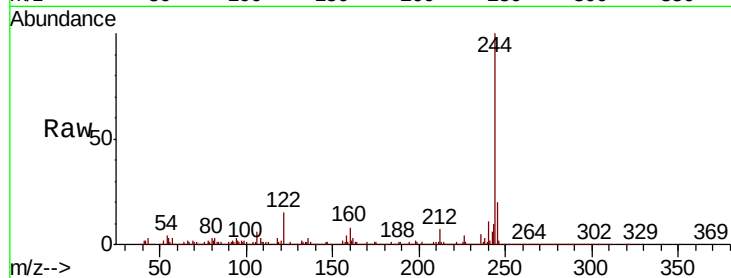




#79
 Terphenyl-d14
 Concen: 38.672 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111263.D
 Acq: 11 Dec 2018 00:54

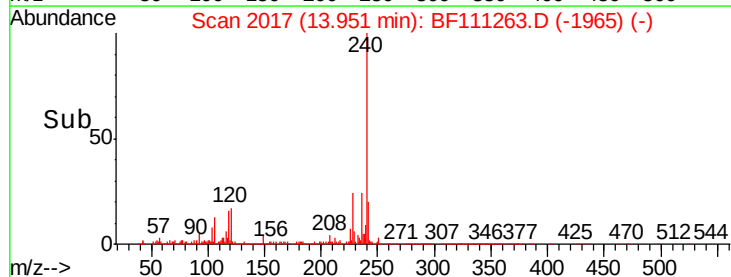
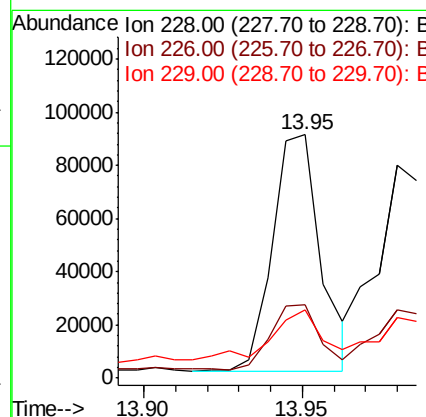
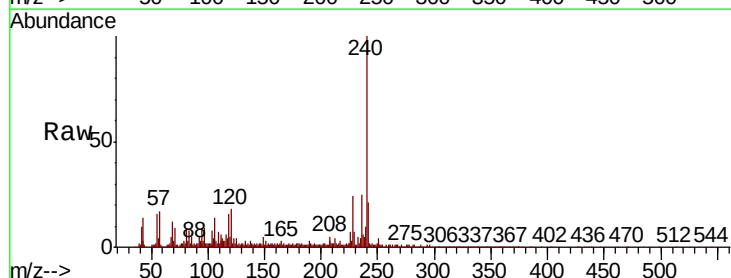
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-120718-A

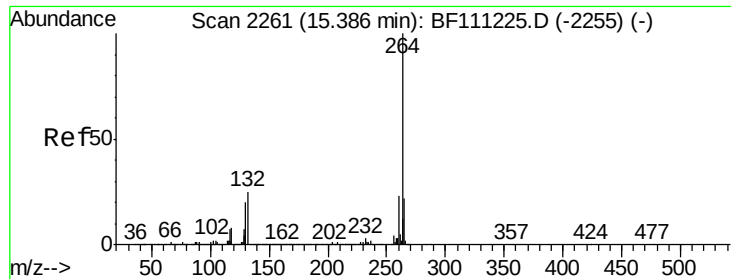
Tgt Ion:244 Resp: 1211486
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 15.2 13.1 19.7



#81
 Benzo(a)anthracene
 Concen: 2.251 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111263.D
 Acq: 11 Dec 2018 00:54

Tgt Ion:228 Resp: 94373
 Ion Ratio Lower Upper
 228 100
 226 30.2 22.6 34.0
 229 27.9 16.3 24.5#

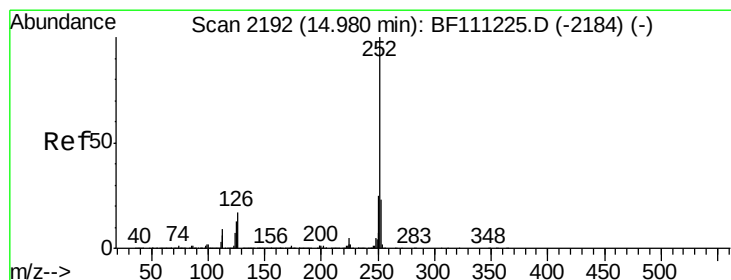
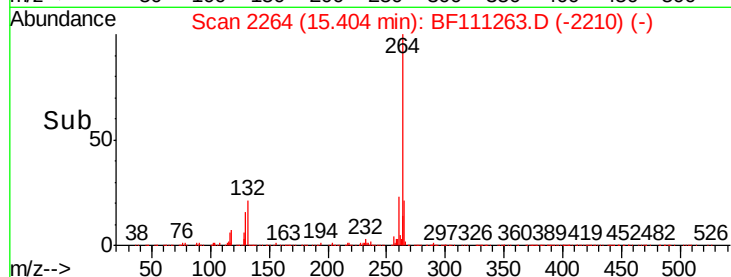
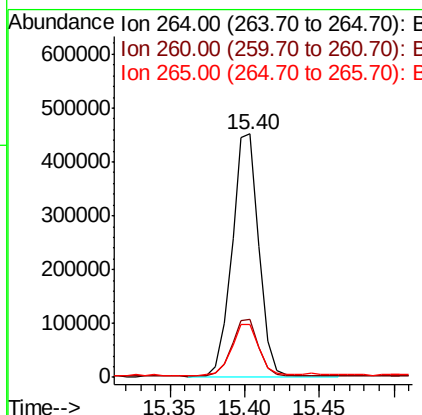
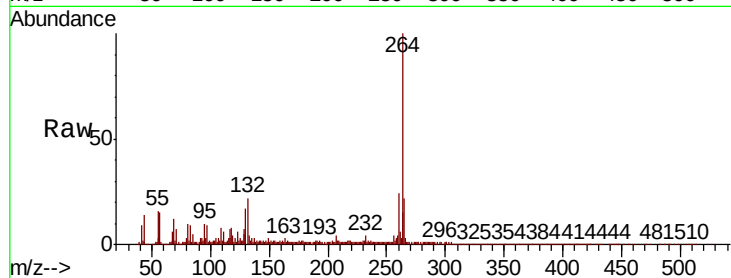




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

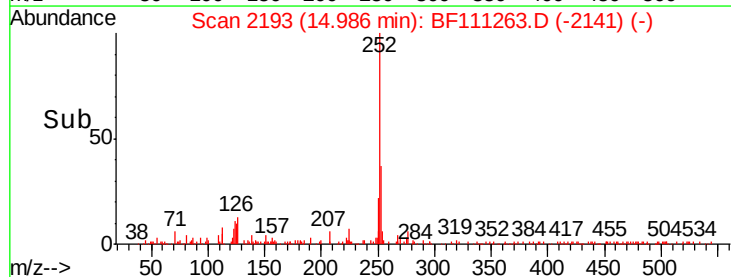
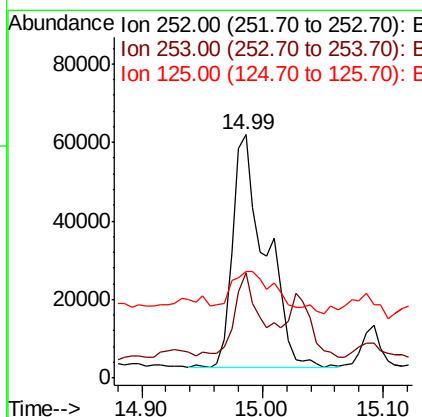
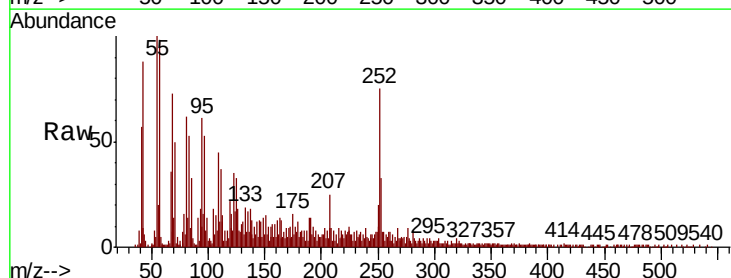
Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

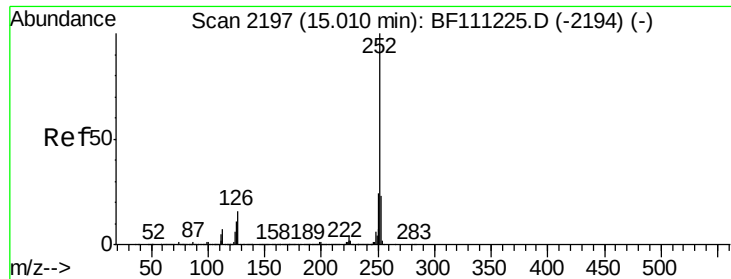
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	21.8	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 3.589 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.5	18.2	27.2#
125	43.9	10.4	15.6#





#89

Benzo(k)fluoranthene

Concen: 3.817 ng

RT: 14.99 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BF111263.D

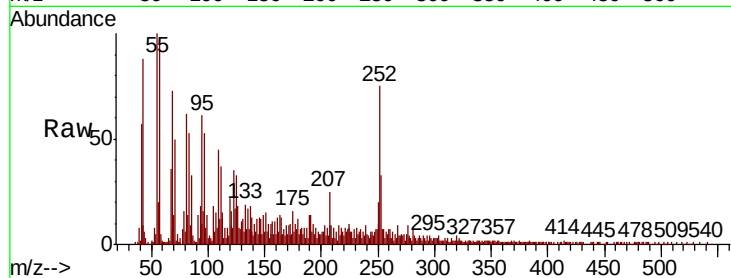
Acq: 11 Dec 2018 00:54

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-A



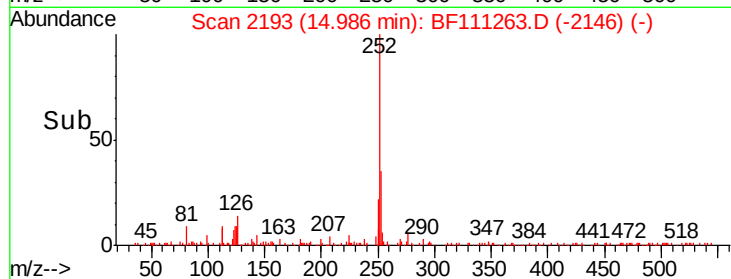
Tgt Ion: 252 Resp: 111847

Ion Ratio Lower Upper

252 100

253 43.5 18.1 27.1#

125 43.9 9.8 14.8#



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

