

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111922.D
 Acq On : 8 Jan 2019 22:06
 Operator : JU/SJ
 Sample : K1075-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 00:59:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	139275	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	546074	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	201501	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	357481	20.00	ng	0.00
76) Chrysene-d12	14.05	240	292187	20.00	ng	0.00
87) Perylene-d12	15.54	264	226018	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	478039	58.72	ng	0.00
7) Phenol-d6	6.52	99	568613	54.19	ng	-0.01
23) Nitrobenzene-d5	7.44	82	376935	36.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	115660	44.13	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	624171	45.17	ng	-0.01
79) Terphenyl-d14	12.99	244	651513	42.33	ng	0.00

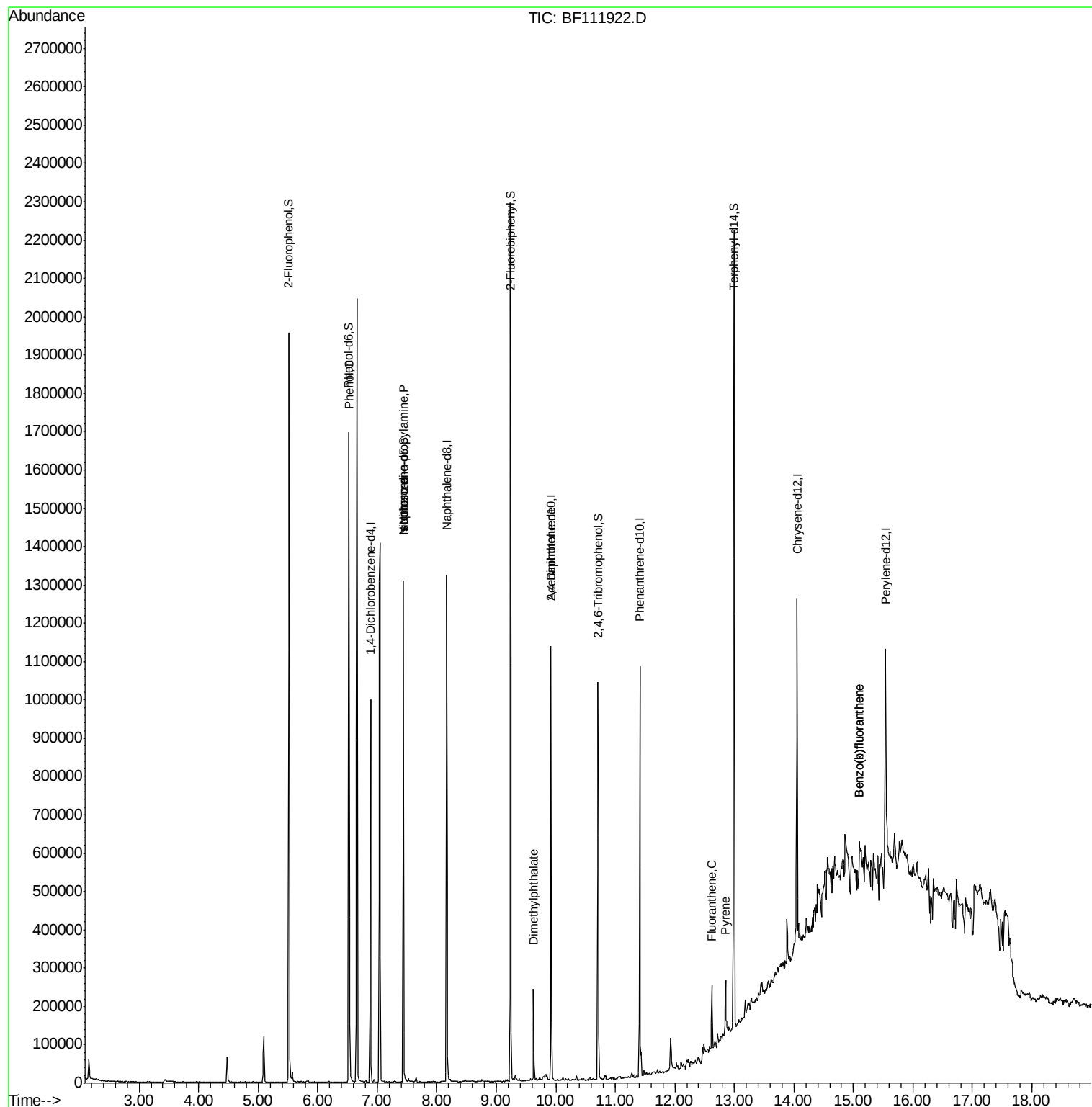
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.53	77	1280	Below Cal		# 1
10) Phenol	6.53	94	29400	2.578	ng	# 89
19) n-Nitroso-di-n-propylamine	7.44	70	51649	7.576	ng	# 76
25) Isophorone	7.44	82	376931	22.782	ng	# 65
50) Dimethylphthalate	9.63	163	86888	5.740	ng	# 100
57) 2,4-Dinitrotoluene	9.92	165	25495	5.829	ng	# 26
75) Fluoranthene	12.62	202	63370	3.230	ng	# 98
78) Pyrene	12.85	202	56519	2.811	ng	# 100
88) Benzo(b)fluoranthene	15.10	252	28162	2.083	ng	# 61
89) Benzo(k)fluoranthene	15.10	252	28162	2.216	ng	# 63

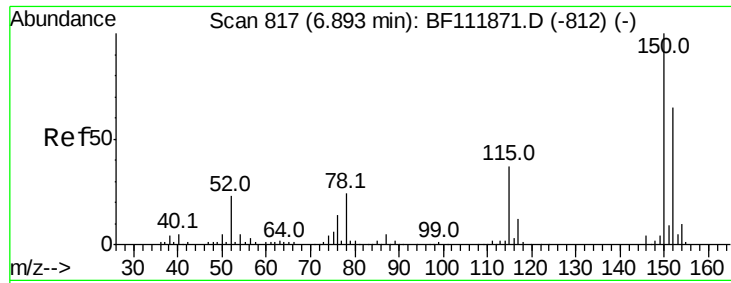
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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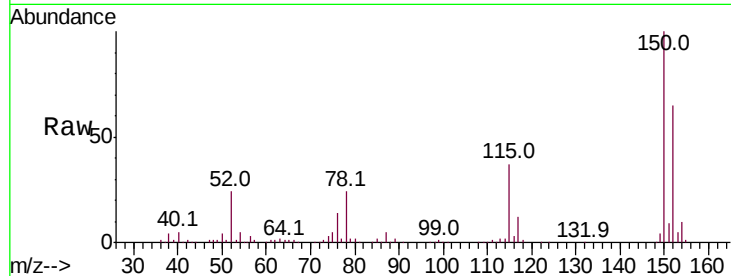


#1

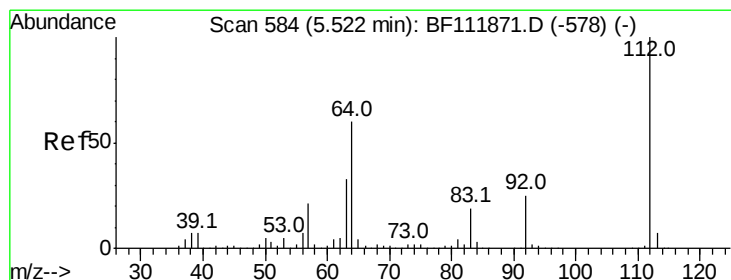
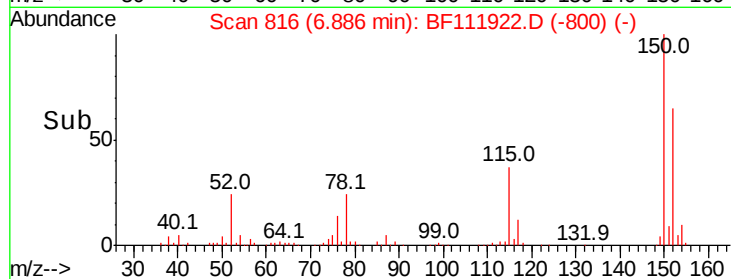
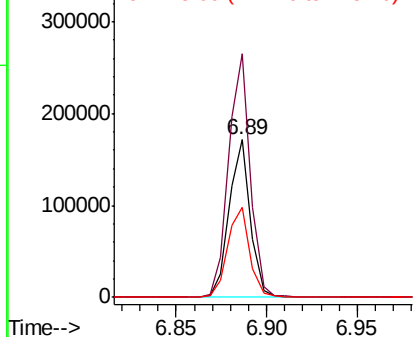
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139275
Ion Ratio Lower Upper
152 100
150 154.5 122.7 184.1
115 57.4 45.2 67.8



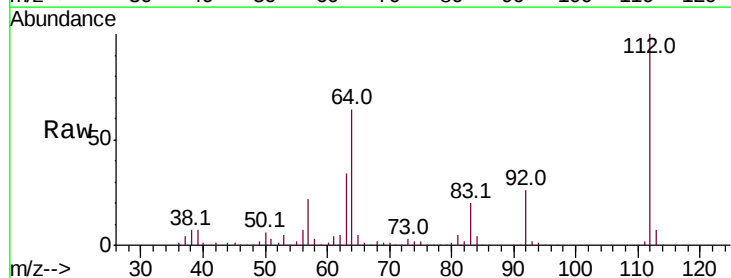
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



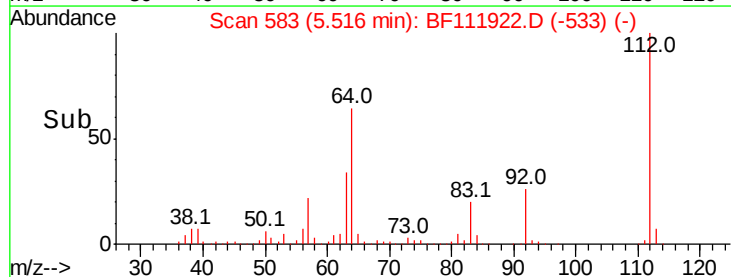
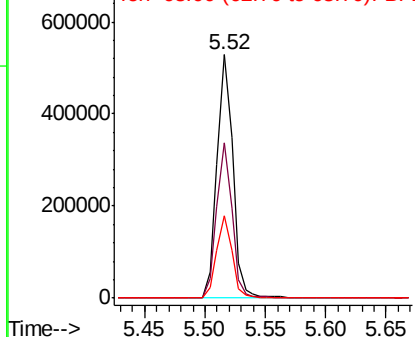
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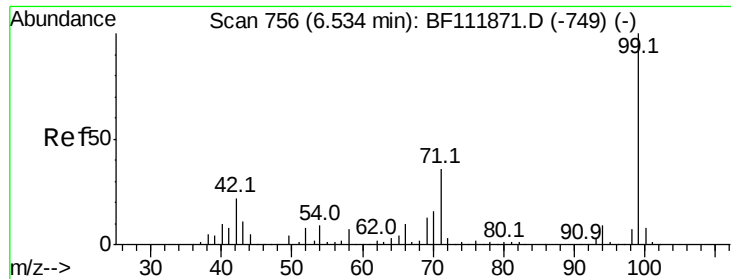
2-Fluorophenol
Concen: 58.721 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Tgt Ion:112 Resp: 478039
Ion Ratio Lower Upper
112 100
64 63.9 48.3 72.5
63 33.8 26.1 39.1



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: 54.192 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111922.D

Acq: 8 Jan 2019 22:06

Instrument :

BNA_F

ClientSampleId :

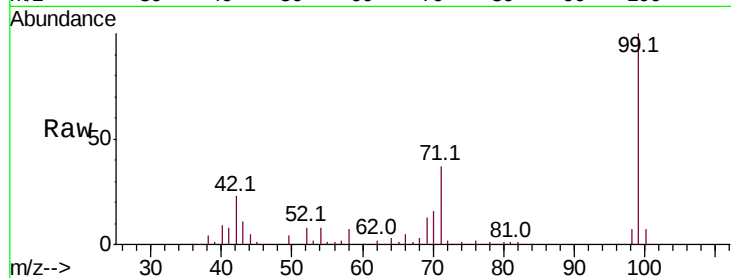
Tot Ion: 99 Resp: 568613

Ion Ratio Lower Upper

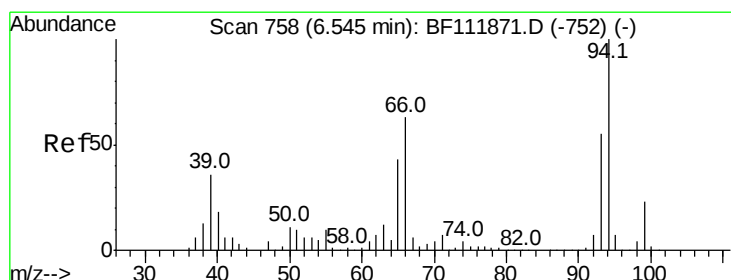
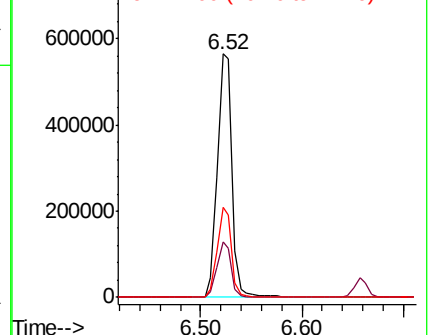
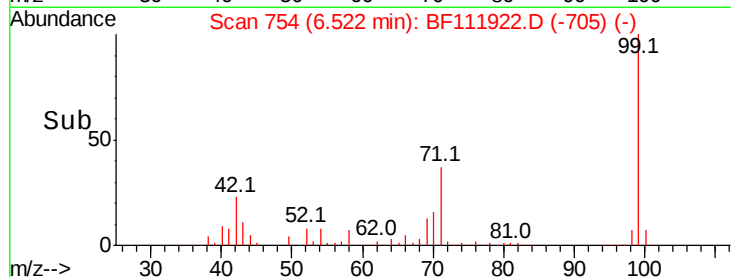
99 100

42 22.9 17.9 26.9

71 37.1 28.7 43.1



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: 2.578 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111922.D

Acq: 8 Jan 2019 22:06

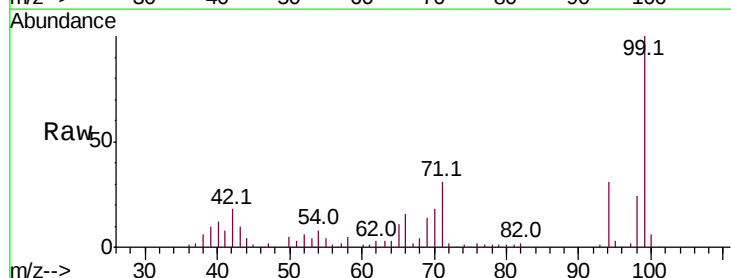
Tgt Ion: 94 Resp: 29400

Ion Ratio Lower Upper

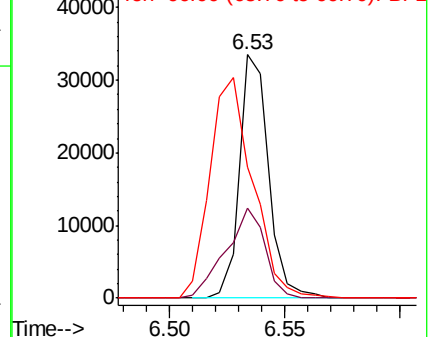
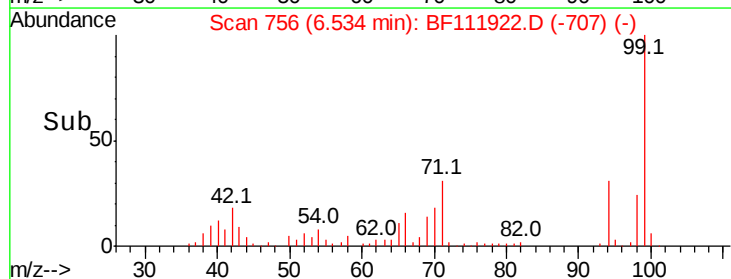
94 100

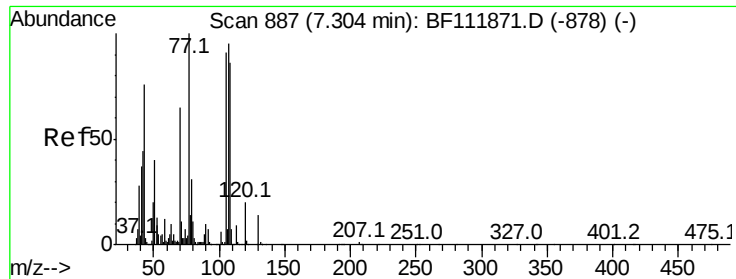
65 36.7 22.8 62.8

66 53.8 43.3 83.3



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

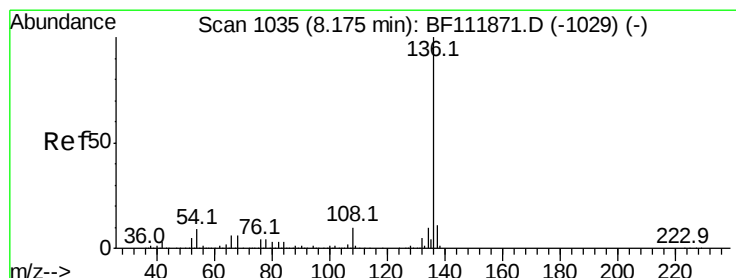
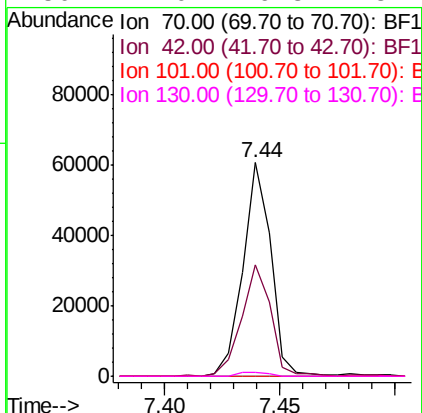
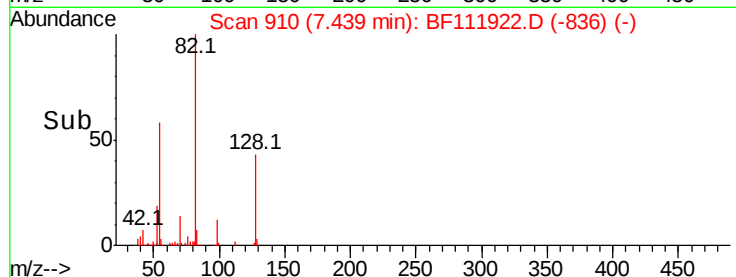
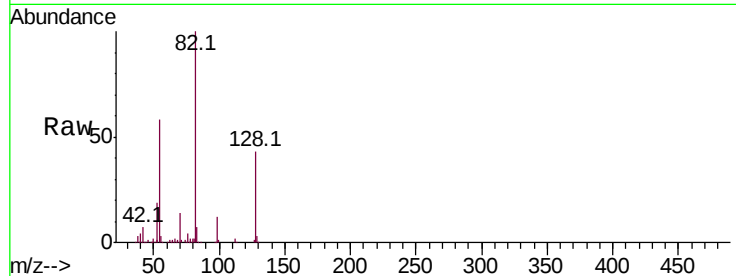




#19
n-Nitroso-di-n-propylamine
Concen: 7.576 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

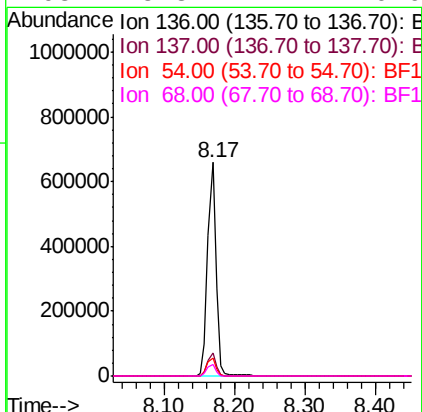
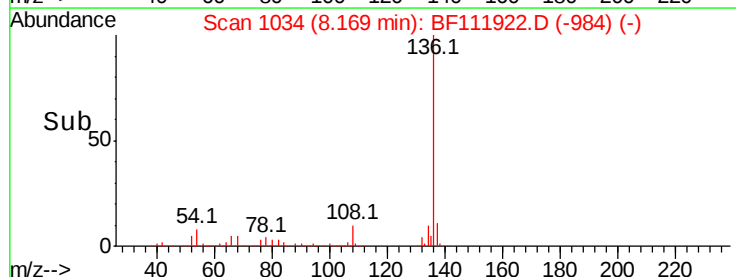
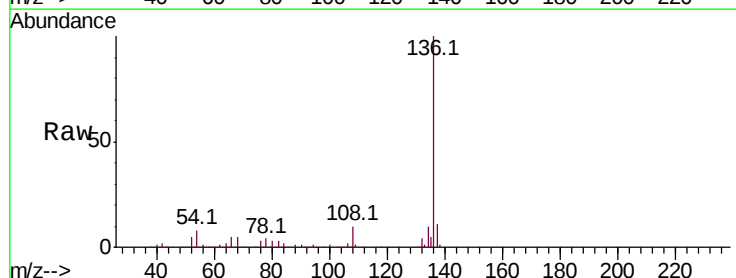
Instrument :
BNA_F
ClientSampleId :

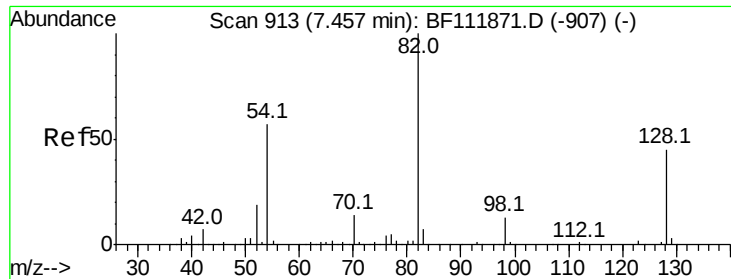
Tot Ion: 70 Resp: 51649
Ion Ratio Lower Upper
70 100
42 52.3 53.6 80.4#
101 0.0 7.3 10.9#
130 2.0 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Tgt Ion: 136 Resp: 546074
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.2 7.2 10.8
68 5.3 4.4 6.6

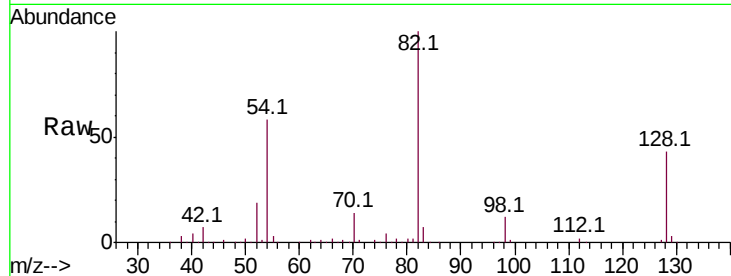




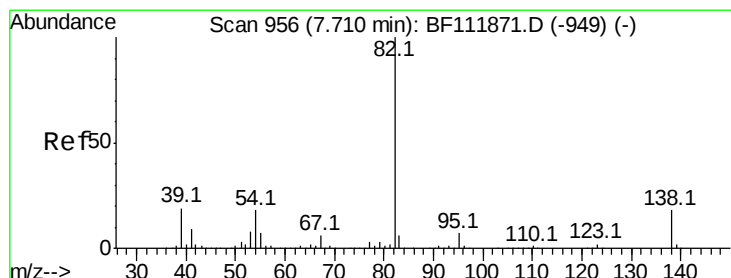
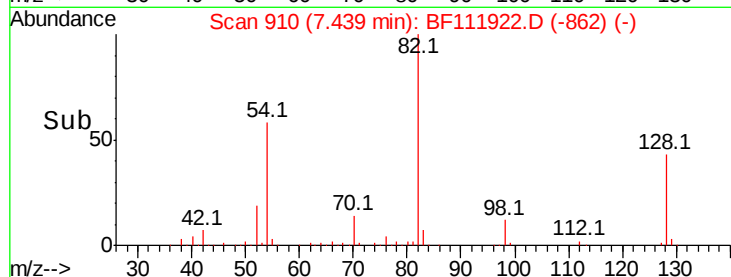
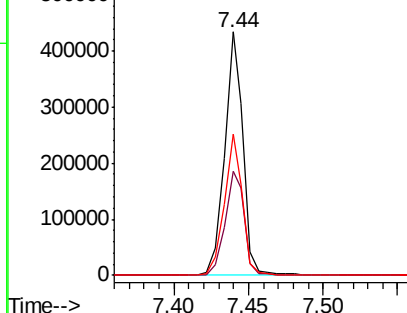
#23
 Nitrobenzene-d5
 Concen: 36.891 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF111922.D
 Acq: 8 Jan 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 376935
 Ion Ratio Lower Upper
 82 100
 128 42.9 35.7 53.5
 54 57.8 45.8 68.8

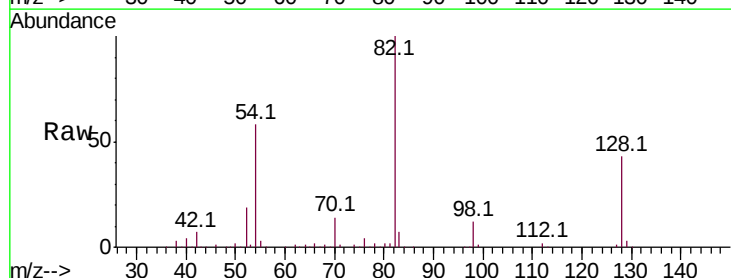


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

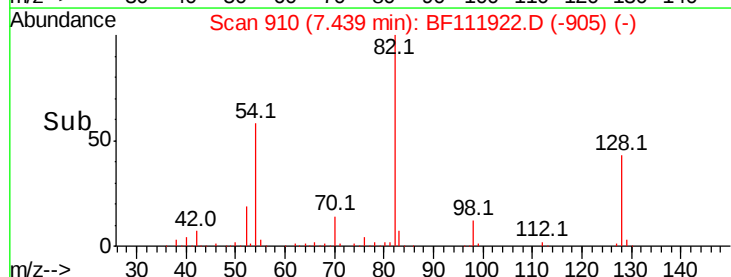
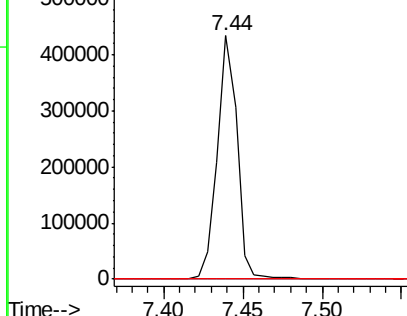


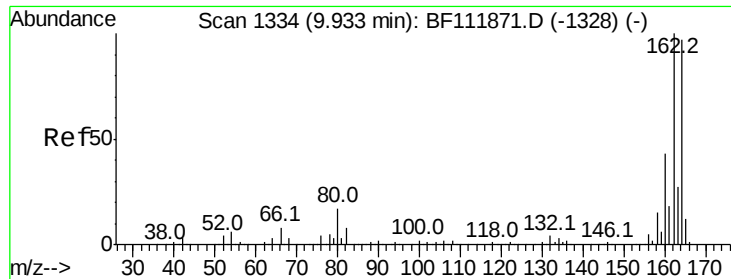
#25
 Isophorone
 Concen: 22.782 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.27 min
 Lab File: BF111922.D
 Acq: 8 Jan 2019 22:06

Tgt Ion: 82 Resp: 376931
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 14.4 21.6#



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

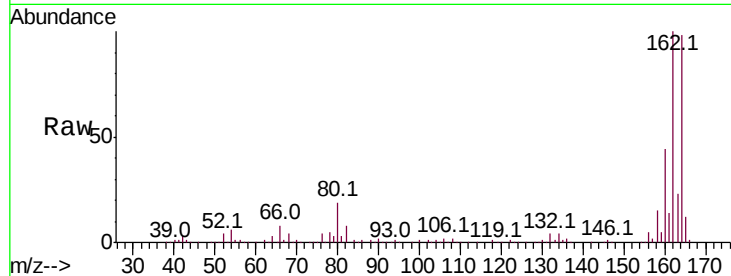




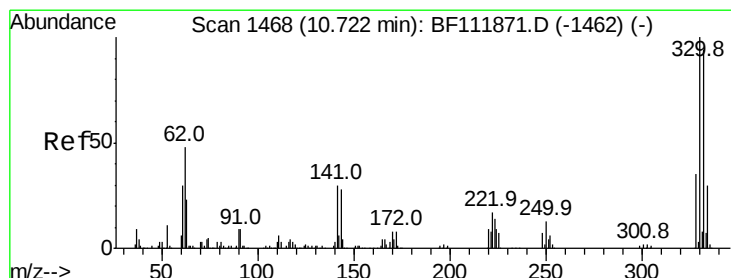
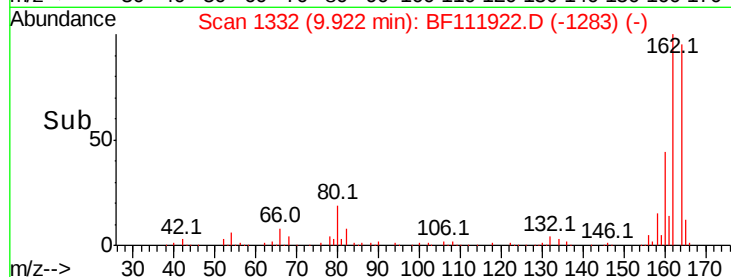
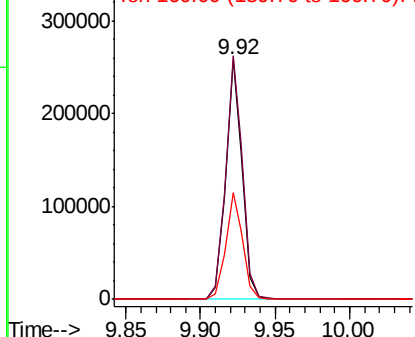
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 201501
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 44.5 35.5 53.3

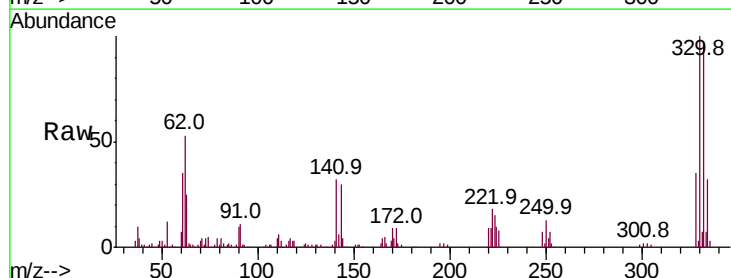


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

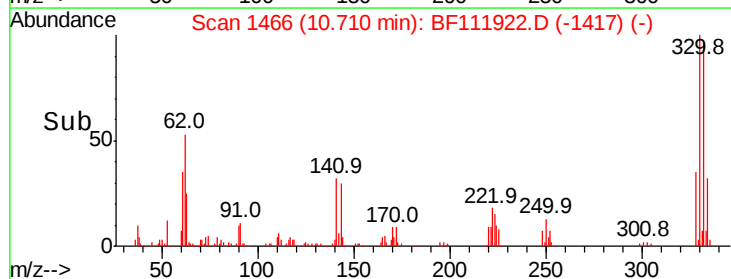
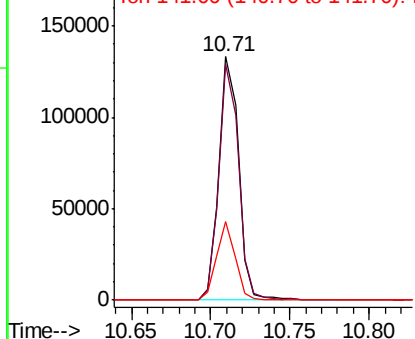


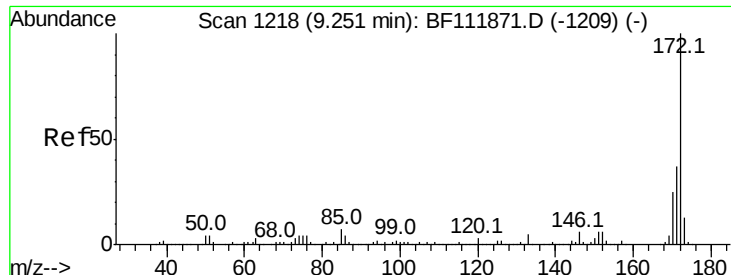
#42
2,4,6-Tribromophenol
Concen: 44.130 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Tgt Ion:330 Resp: 115660
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 30.8 23.7 35.5



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

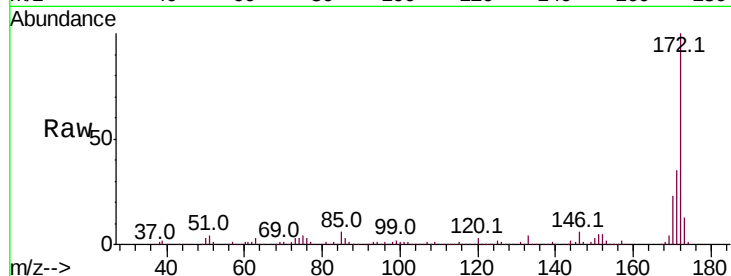




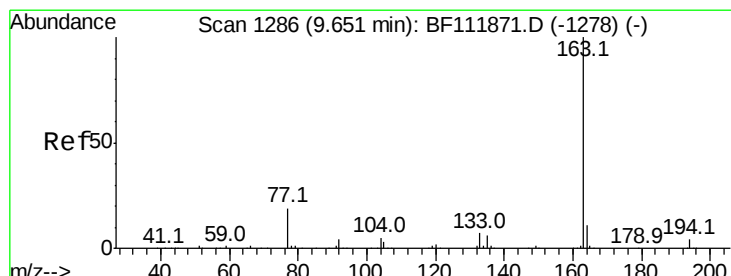
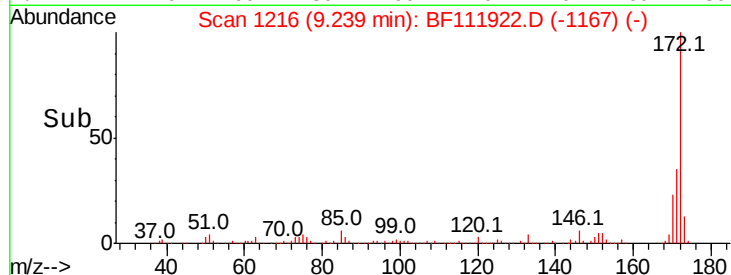
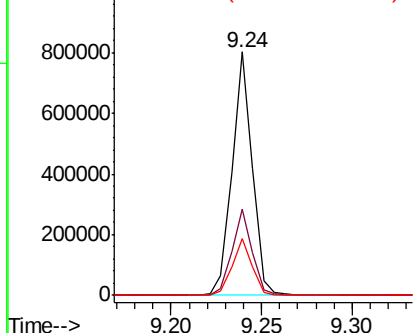
#45
2-Fluorobiphenyl
Concen: 45.169 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 624171
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.4 19.8 29.8

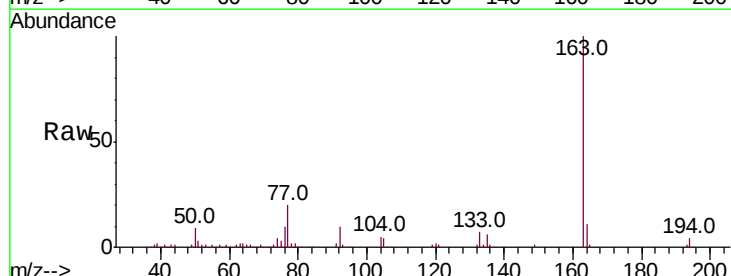


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

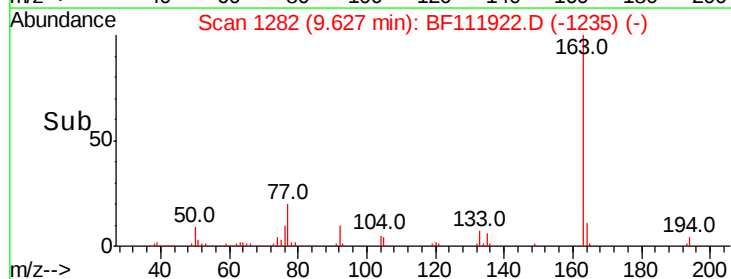
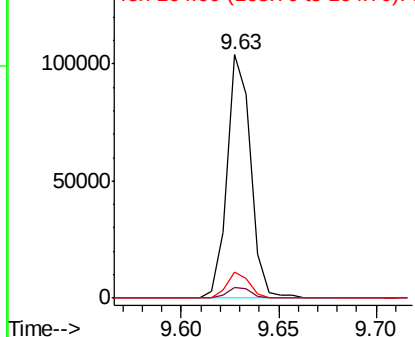


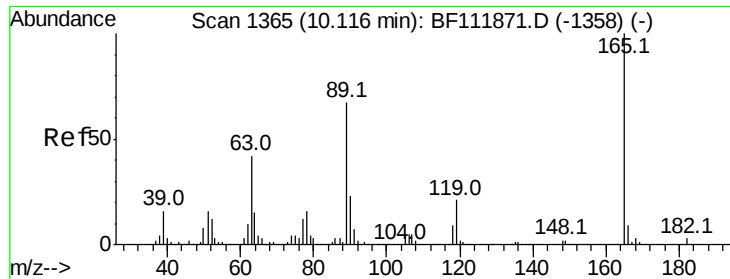
#50
Dimethylphthalate
Concen: 5.740 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Tgt Ion:163 Resp: 86888
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.6 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

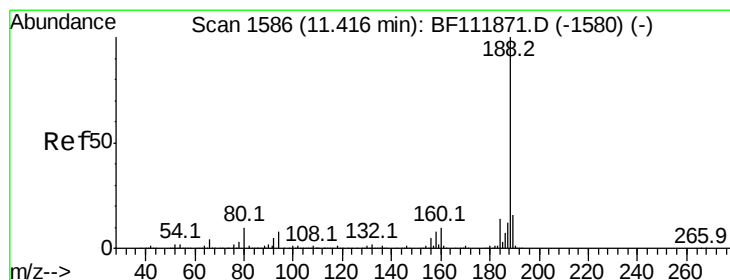
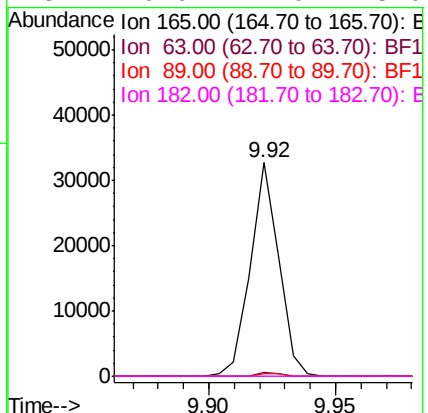
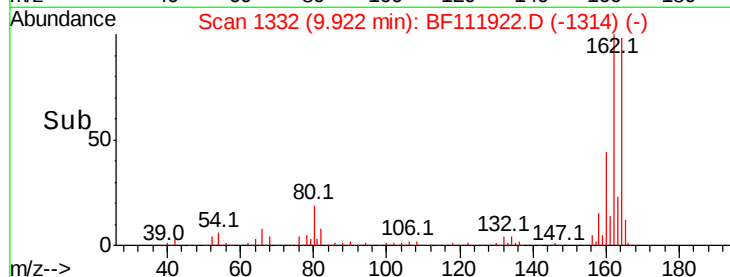
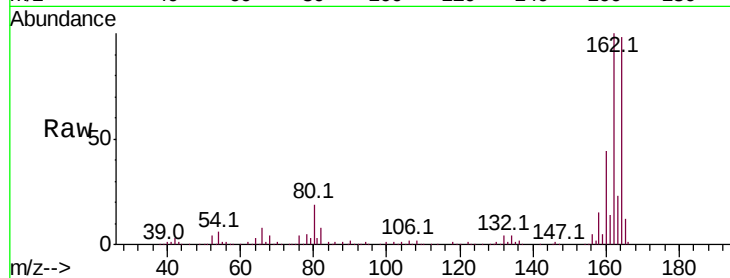




#57
 2,4-Dinitrotoluene
 Concen: 5.829 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF111922.D
 Acq: 8 Jan 2019 22:06

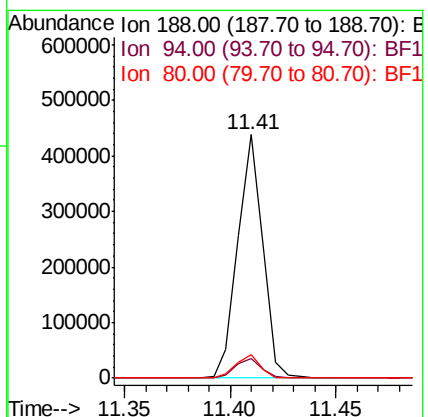
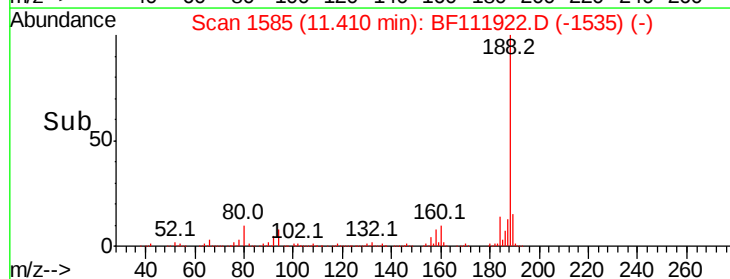
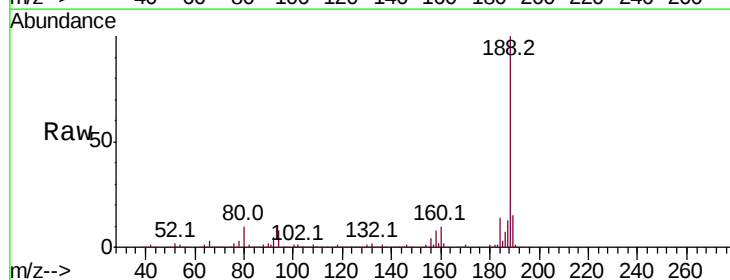
Instrument :
 BNA_F
 ClientSampleId :

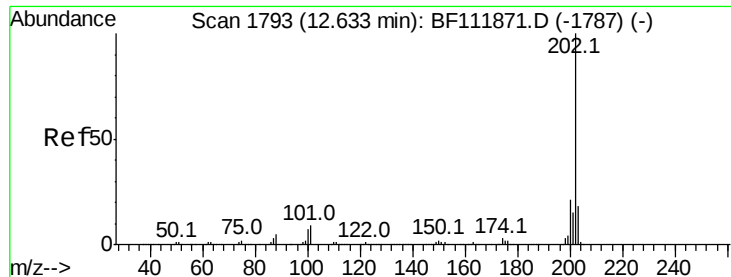
Tot Ion:165 Resp: 25495
 Ion Ratio Lower Upper
 165 100
 63 1.6 34.1 51.1#
 89 1.3 53.5 80.3#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111922.D
 Acq: 8 Jan 2019 22:06

Tgt Ion:188 Resp: 357481
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.6 10.0
 80 9.7 7.7 11.5





#75

Fluoranthene

Concen: 3.230 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111922.D

Acq: 8 Jan 2019 22:06

Instrument :

BNA_F

ClientSampleId :

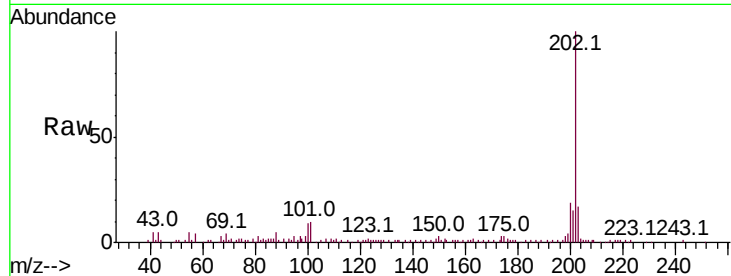
Tot Ion:202 Resp: 63370

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.3

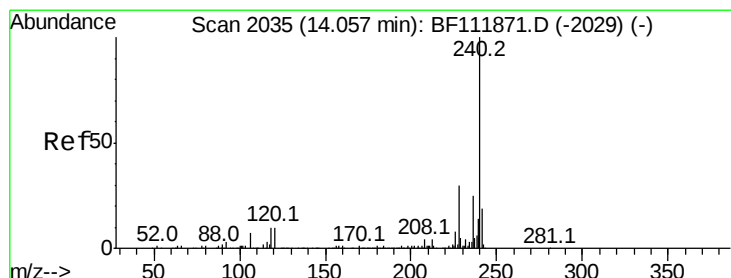
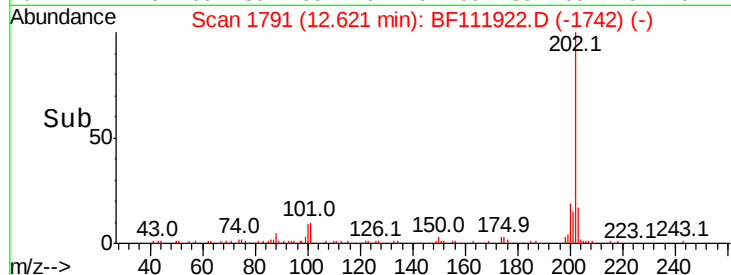
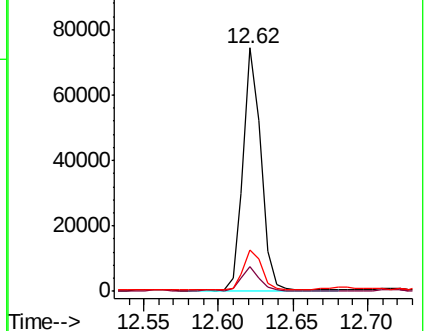
203 16.8 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF111922.D

Acq: 8 Jan 2019 22:06

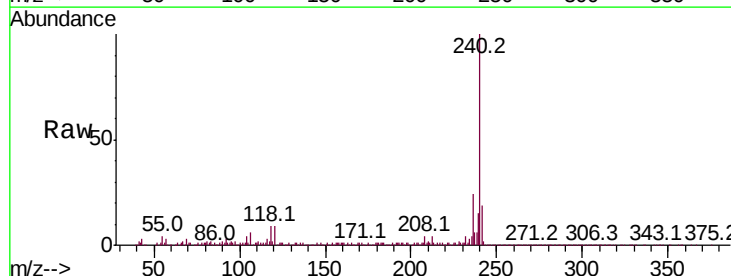
Tgt Ion:240 Resp: 292187

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

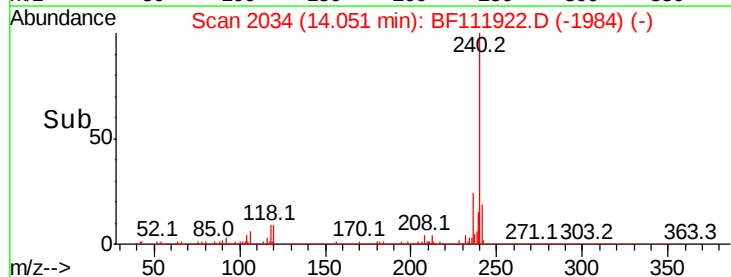
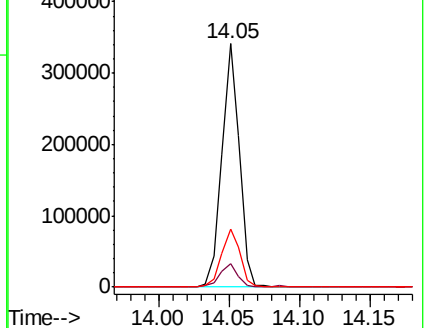
236 24.1 20.2 30.4

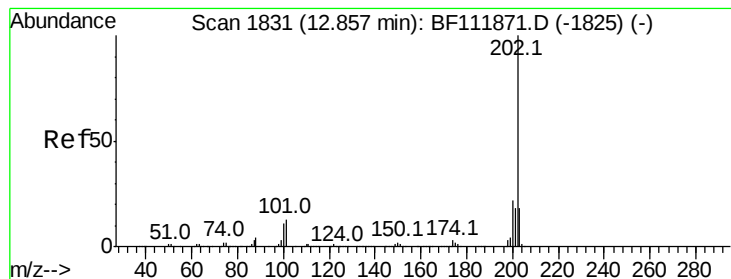


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.811 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111922.D

Acq: 8 Jan 2019 22:06

Instrument :

BNA_F

ClientSampleId :

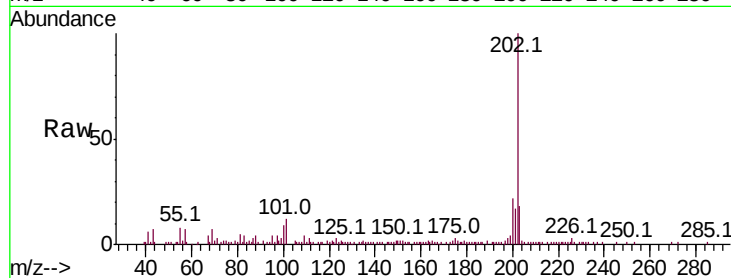
Tot Ion:202 Resp: 56519

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

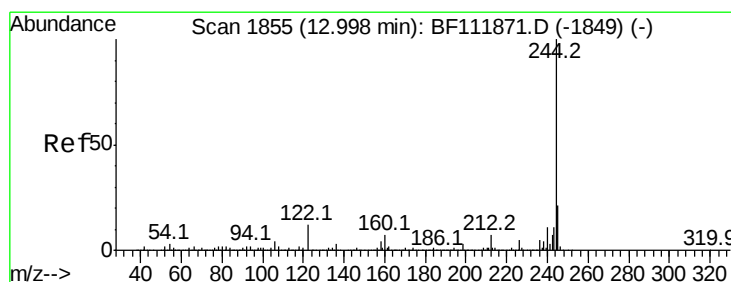
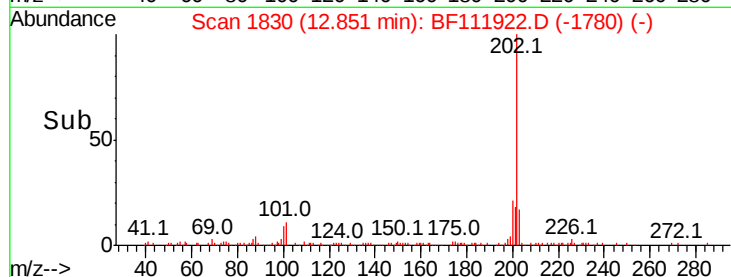
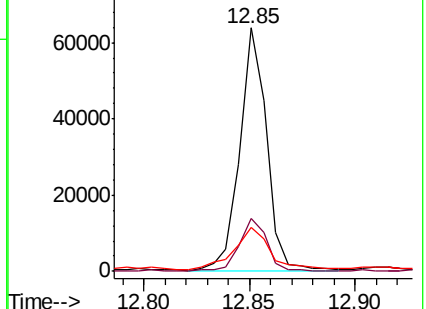
203 18.2 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 42.326 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111922.D

Acq: 8 Jan 2019 22:06

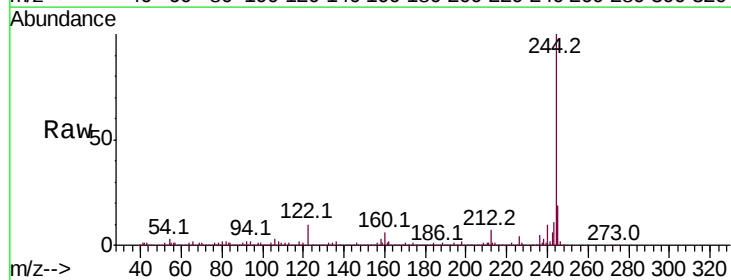
Tgt Ion:244 Resp: 651513

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

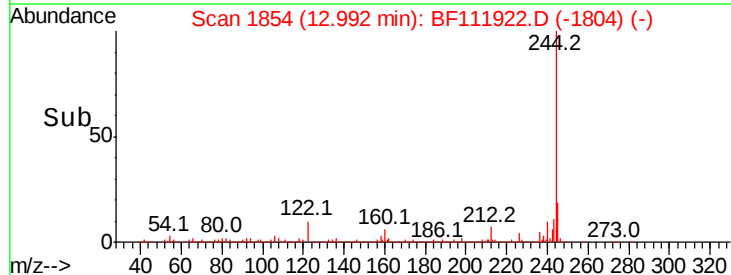
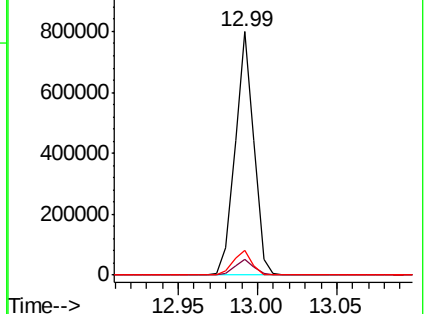
122 10.0 9.5 14.3

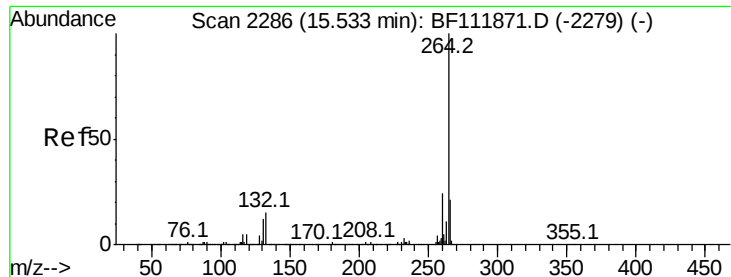


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



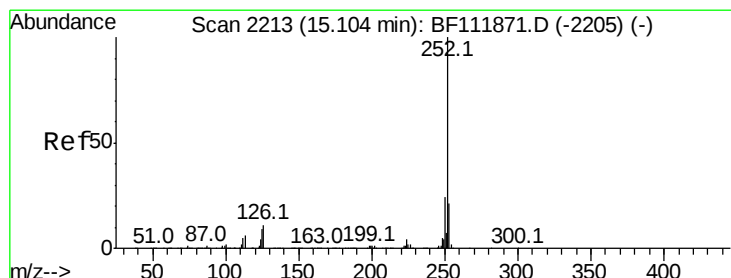
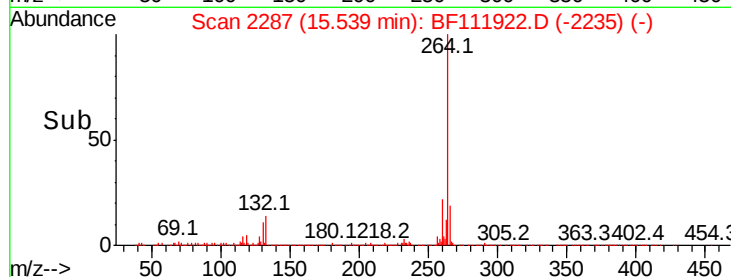
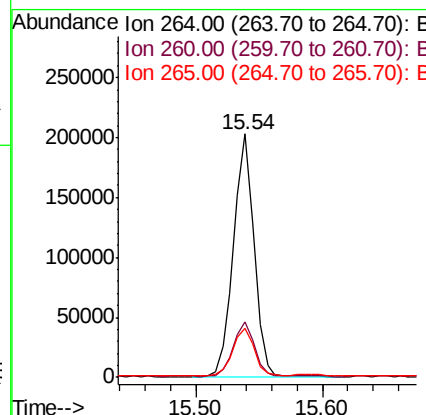
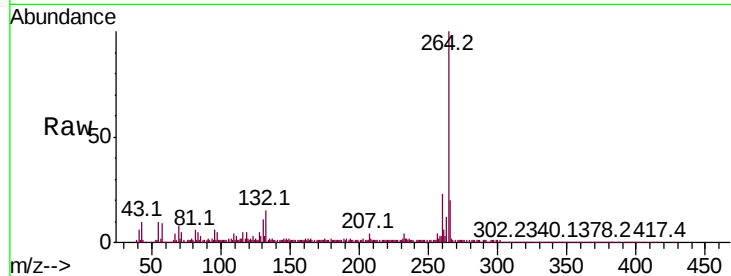


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 226018

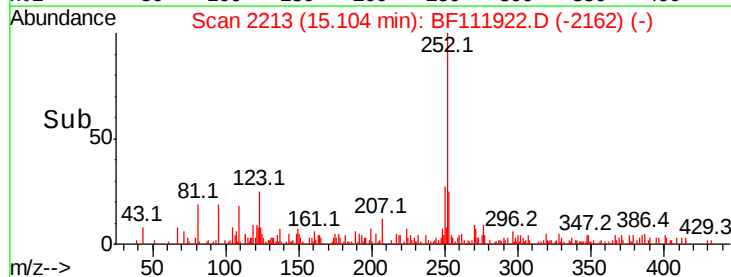
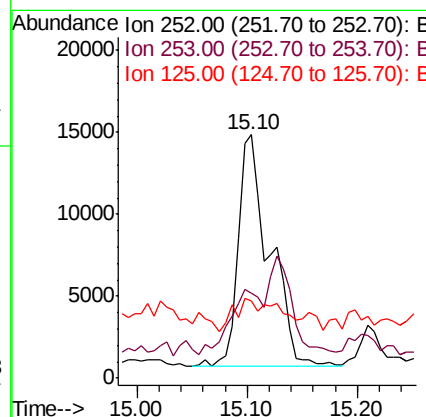
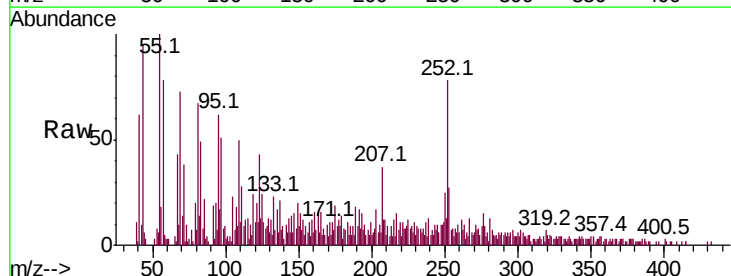
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.3	17.1	25.7

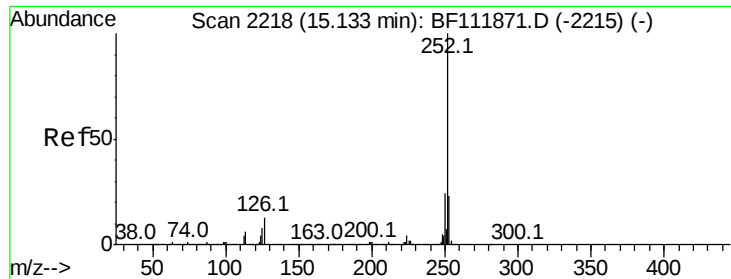


#88
Benzo(b)fluoranthene
Concen: 2.083 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Tgt Ion:252 Resp: 28162

Ion	Ratio	Lower	Upper
252	100		
253	35.1	17.0	25.6#
125	31.5	7.1	10.7#





#89

Benzo(k)fluoranthene

Concen: 2.216 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.03 min

Lab File: BF111922.D

Acq: 8 Jan 2019 22:06

Instrument :

BNA_F

ClientSampleId :

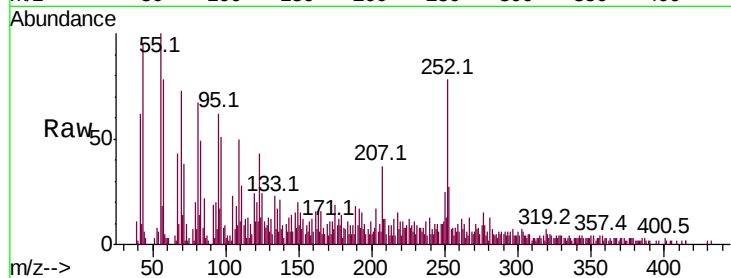
Tot Ion:252 Resp: 28162

Ion Ratio Lower Upper

252 100

253 35.1 17.8 26.6#

125 31.5 7.0 10.4#



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

