

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110435.D
 Acq On : 3 Nov 2018 1:59
 Operator : JU/SJ
 Sample : J5769-19 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 04:18:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

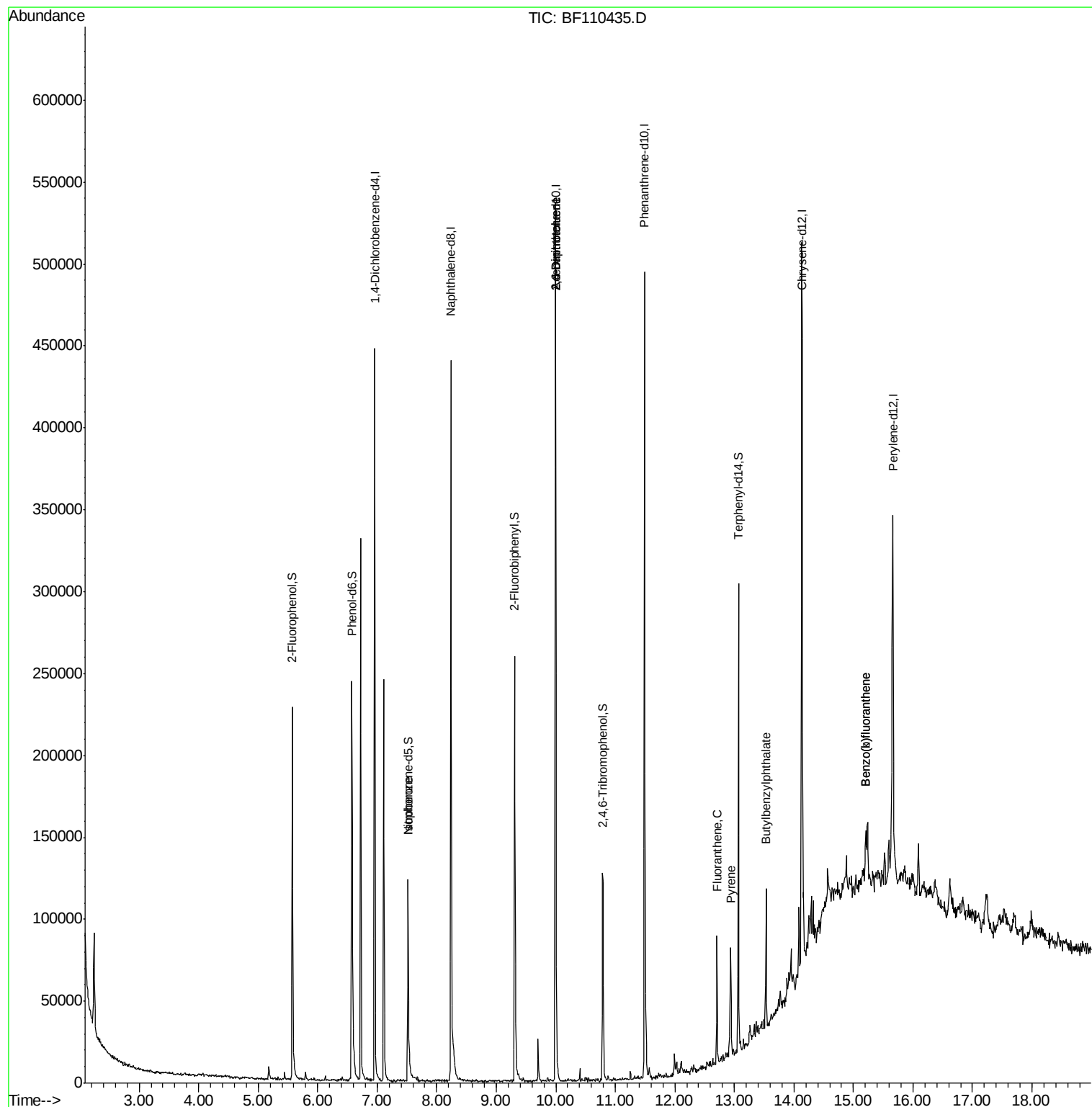
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	70012	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	257764	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	107906	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	205156	20.00	ng	0.00
76) Chrysene-d12	14.13	240	148655	20.00	ng	0.00
87) Perylene-d12	15.66	264	111821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	78233	18.20	ng	0.00
7) Phenol-d6	6.57	99	96277	17.51	ng	0.00
23) Nitrobenzene-d5	7.52	82	51699	11.90	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	18333	17.15	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	100821	14.67	ng	0.00
79) Terphenyl-d14	13.07	244	90863	12.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	1672	Below Cal		84
25) Isophorone	7.52	82	51699	6.979 ng	#	67
51) 2,6-Dinitrotoluene	10.00	165	13443	7.835 ng	#	21
57) 2,4-Dinitrotoluene	10.00	165	13443	6.168 ng	#	17
75) Fluoranthene	12.70	202	33369	3.063 ng		100
77) Benzidine	13.07	184	1111	Below Cal	#	72
78) Pyrene	12.94	202	29323	2.751 ng		99
80) Butylbenzylphthalate	13.53	149	18044	3.901 ng		97
88) Benzo(b)fluoranthene	15.21	252	23244	3.600 ng	#	87
89) Benzo(k)fluoranthene	15.21	252	23244	3.662 ng	#	87

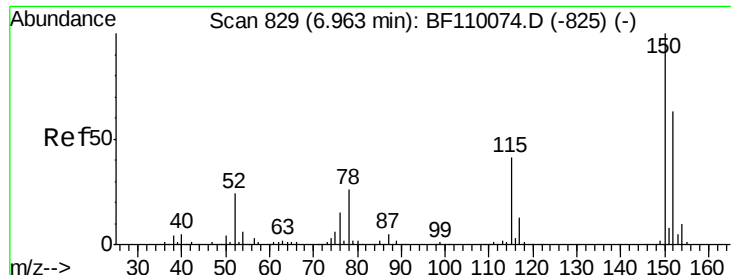
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110435.D
Acq On : 3 Nov 2018 1:59
Operator : JU/SJ
Sample : J5769-19 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 03 04:18:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



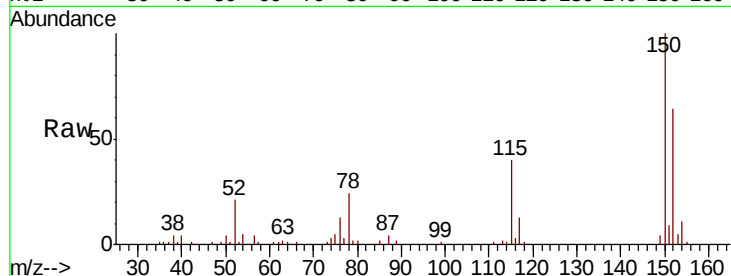


#1

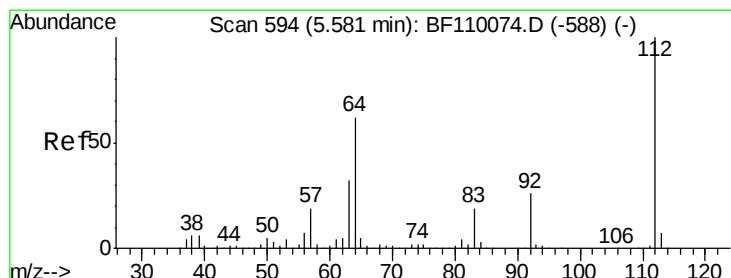
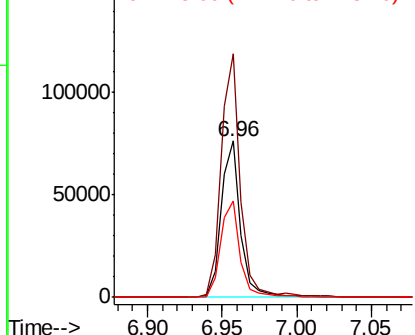
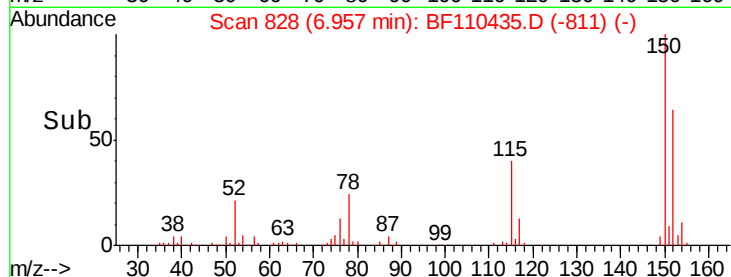
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70012
Ion Ratio Lower Upper
152 100
150 155.6 122.7 184.1
115 61.9 49.1 73.7



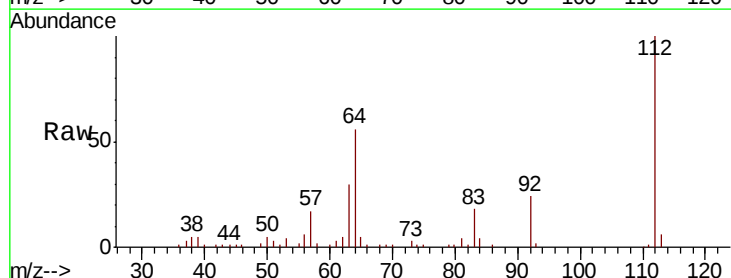
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



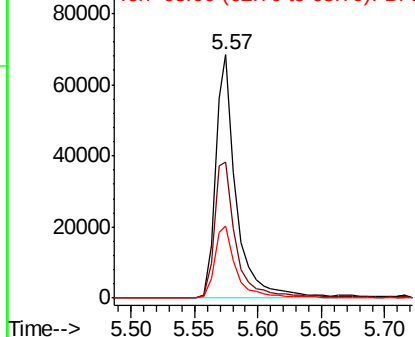
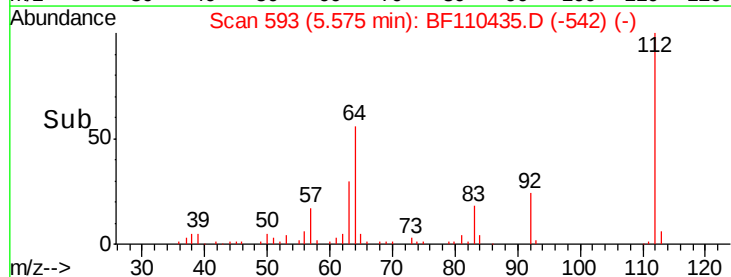
#5

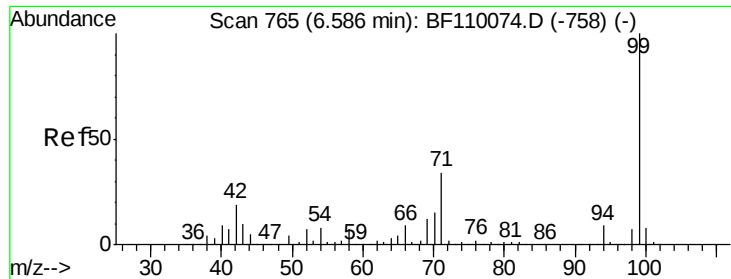
2-Fluorophenol
Concen: 18.197 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Tgt Ion:112 Resp: 78233
Ion Ratio Lower Upper
112 100
64 55.9 44.1 66.1
63 29.7 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: 17.508 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110435.D

Acq: 3 Nov 2018 1:59

Instrument :

BNA_F

ClientSampled :

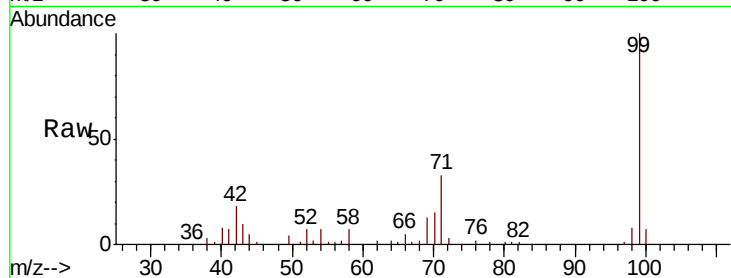
Tot Ion: 99 Resp: 96277

Ion Ratio Lower Upper

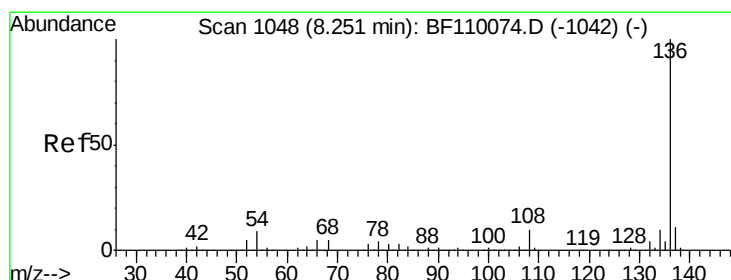
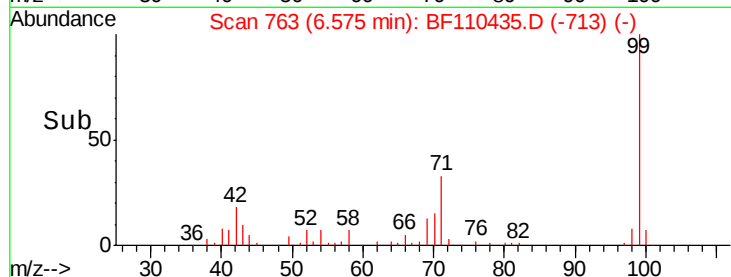
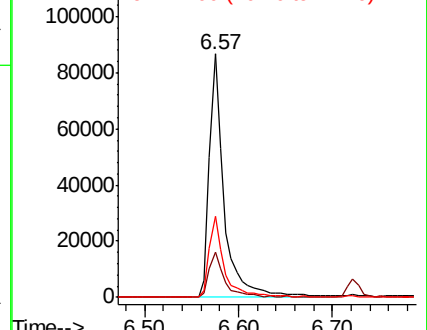
99 100

42 18.3 15.8 23.6

71 33.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110435.D

Acq: 3 Nov 2018 1:59

Tgt Ion: 136 Resp: 257764

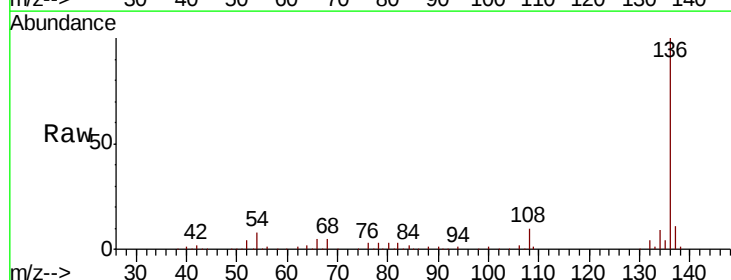
Ion Ratio Lower Upper

136 100

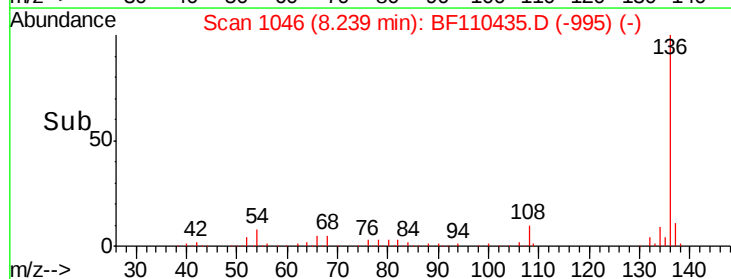
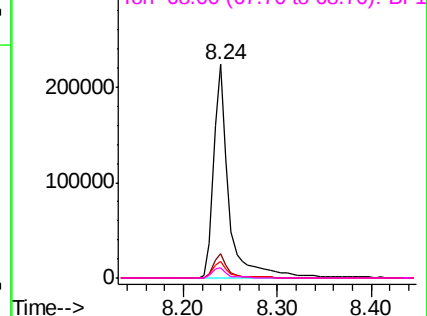
137 11.1 8.8 13.2

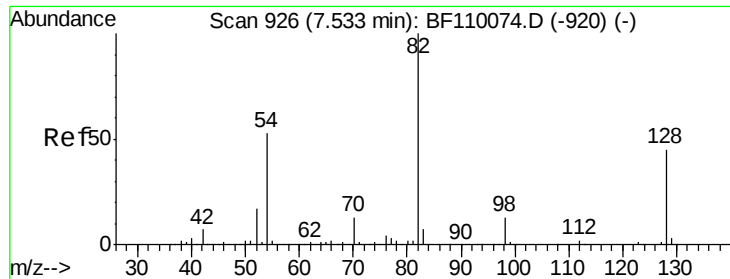
54 7.7 5.4 8.2

68 5.0 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

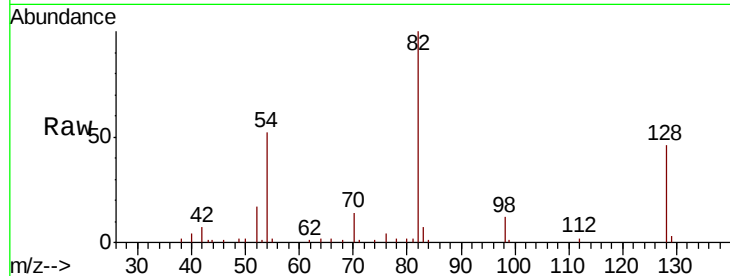




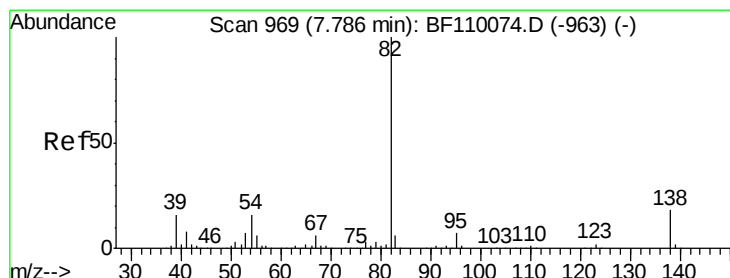
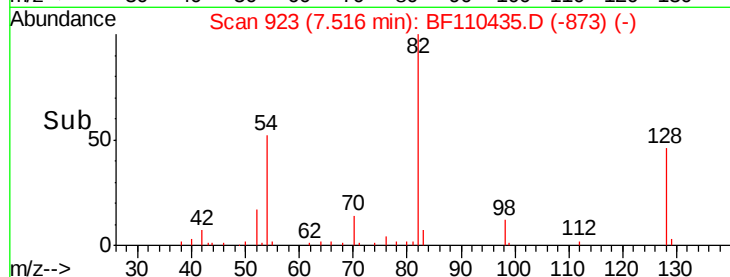
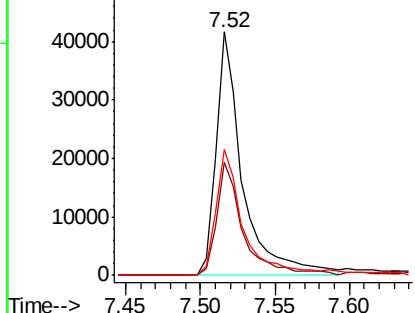
#23
Nitrobenzene-d5
Concen: 11.896 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 51699
Ion Ratio Lower Upper
82 100
128 46.4 34.2 51.2
54 51.7 38.6 58.0

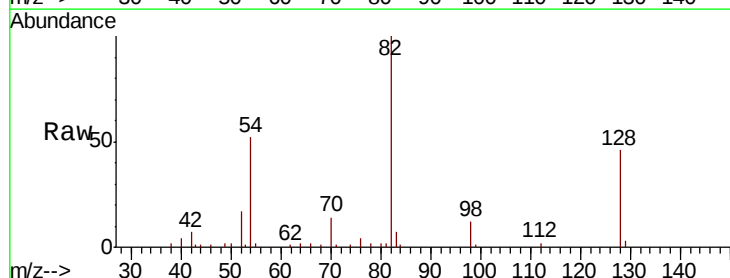


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

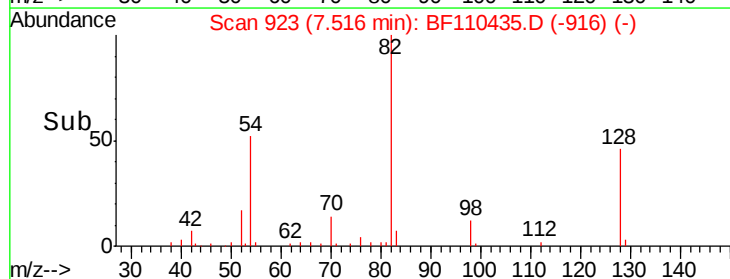
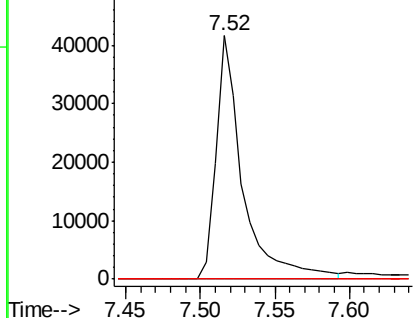


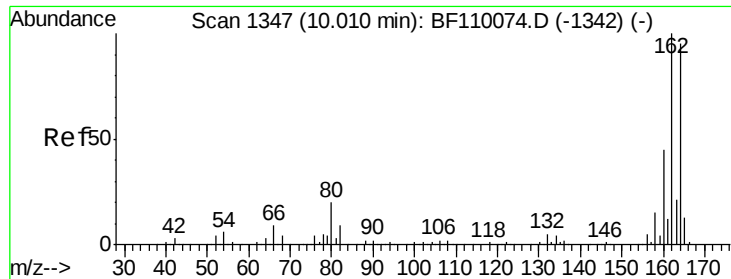
#25
Isophorone
Concen: 6.979 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Tgt Ion: 82 Resp: 51699
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110435.D

Acq: 3 Nov 2018 1:59

Instrument :

BNA_F

ClientSampleId :

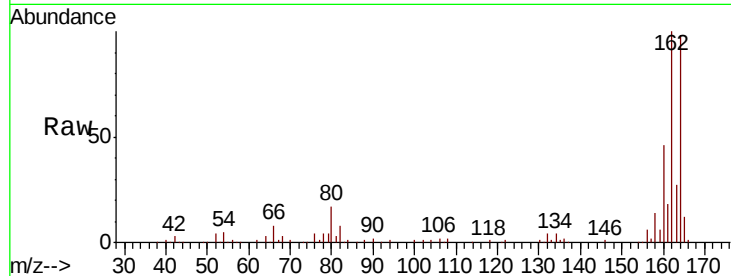
Tot Ion:164 Resp: 107906

Ion Ratio Lower Upper

164 100

162 102.2 83.0 124.6

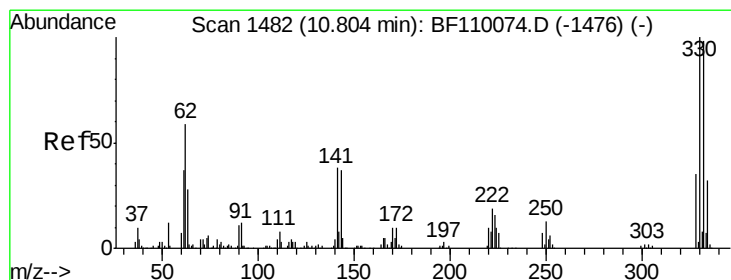
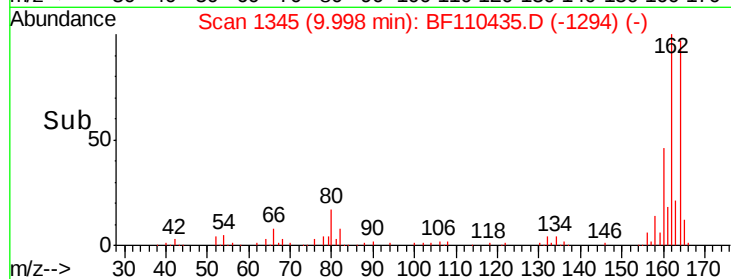
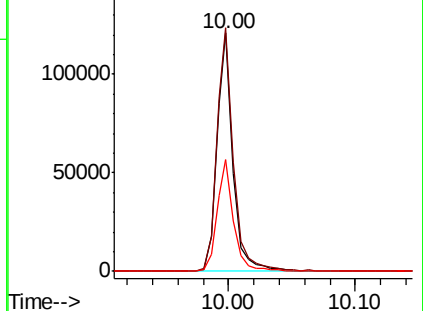
160 47.1 37.0 55.6



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: 17.152 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110435.D

Acq: 3 Nov 2018 1:59

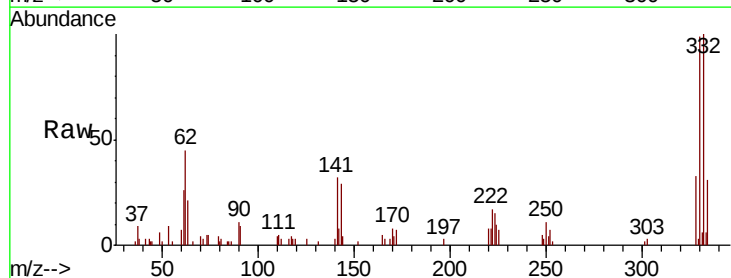
Tgt Ion:330 Resp: 18333

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

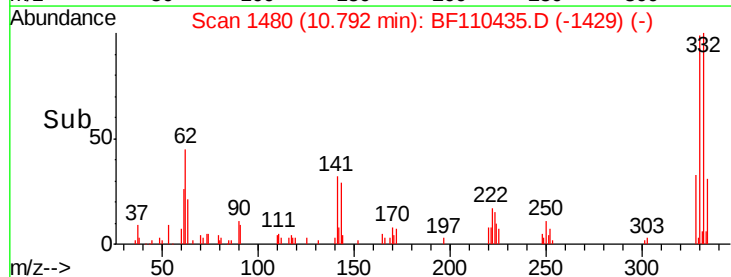
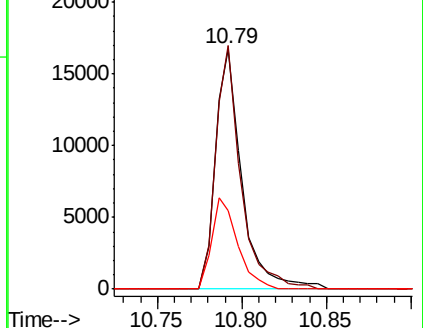
141 37.2 27.0 40.4

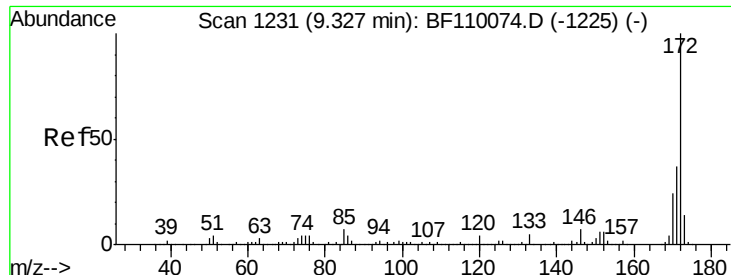


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

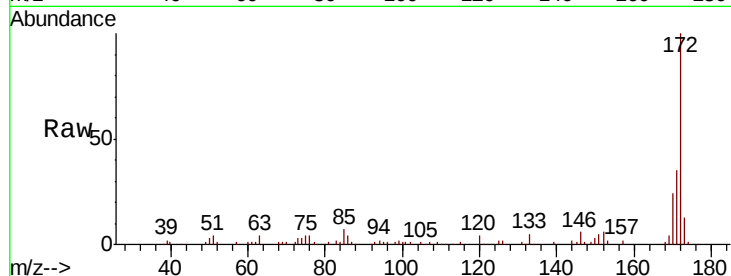




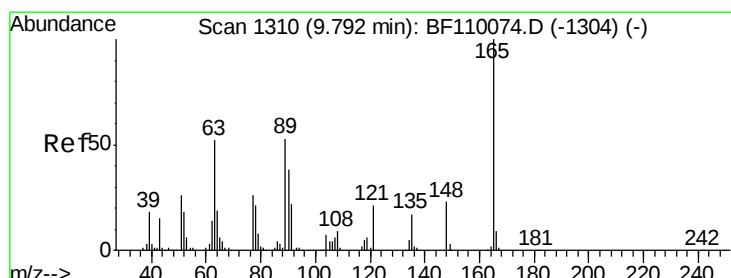
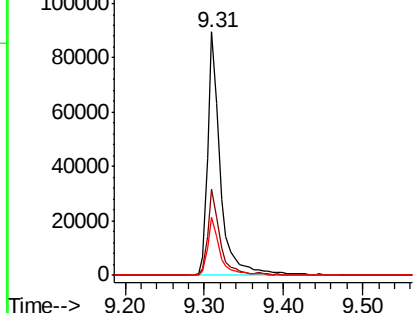
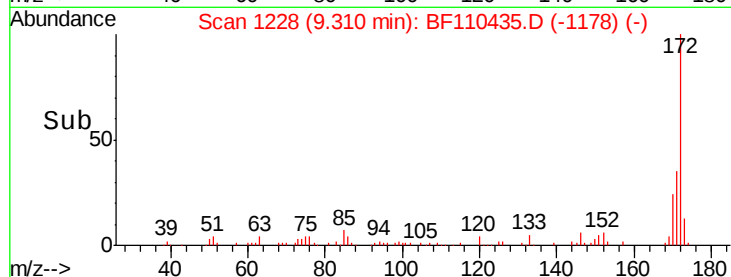
#45
 2-Fluorobiphenyl
 Concen: 14.672 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110435.D
 Acq: 3 Nov 2018 1:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 100821
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 24.0 19.7 29.5

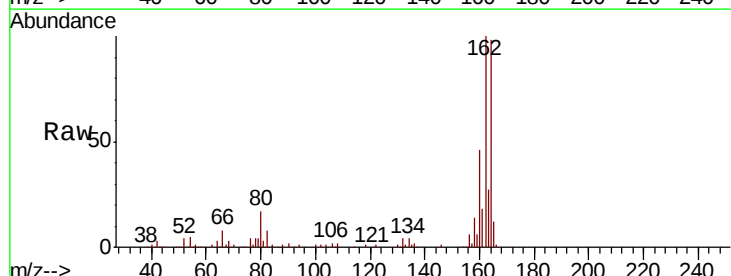


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

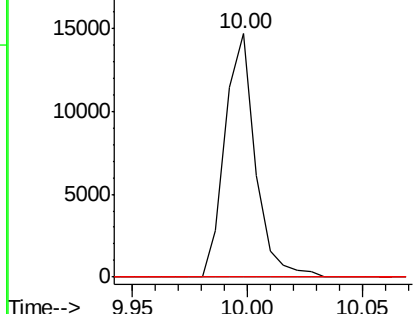
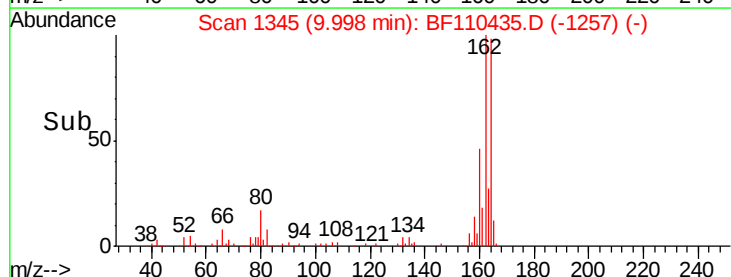


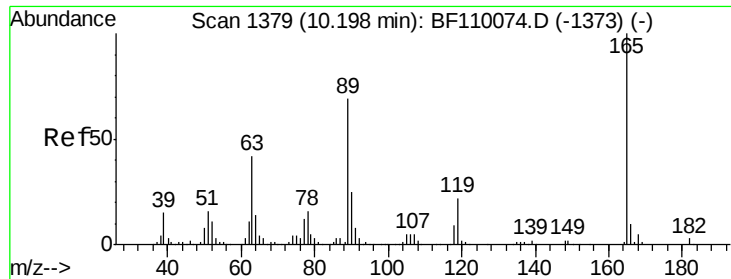
#51
 2,6-Dinitrotoluene
 Concen: 7.835 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110435.D
 Acq: 3 Nov 2018 1:59

Tgt Ion:165 Resp: 13443
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#



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

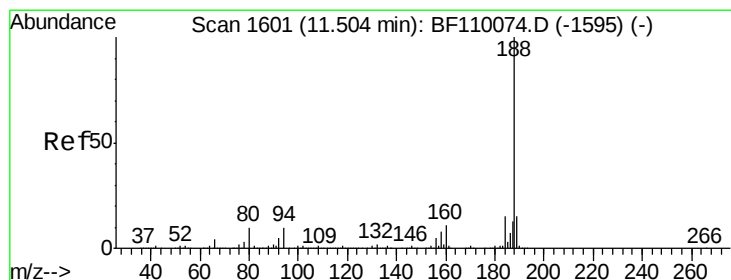
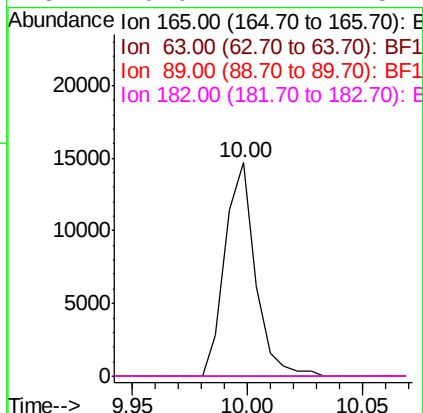
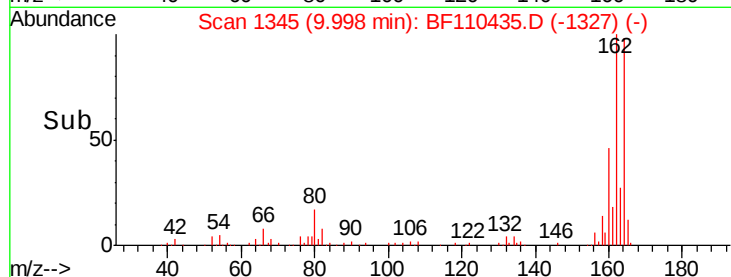
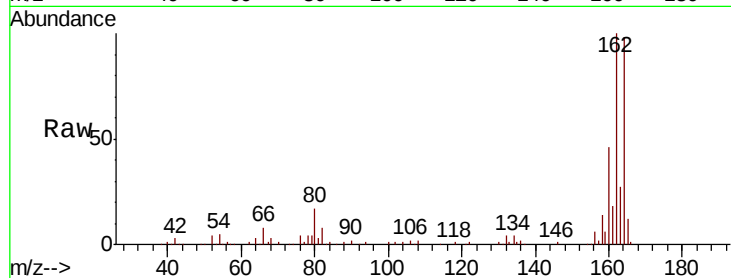




#57
 2,4-Dinitrotoluene
 Concen: 6.168 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110435.D
 Acq: 3 Nov 2018 1:59

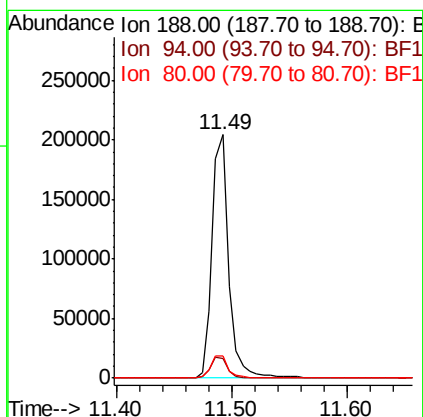
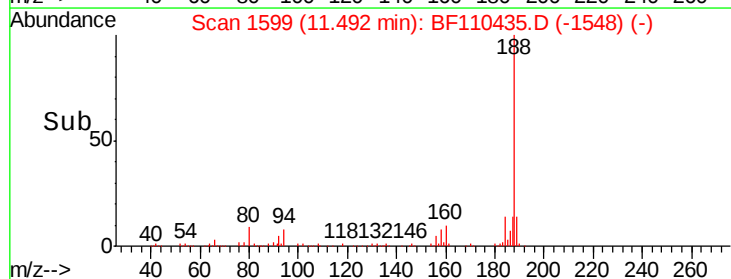
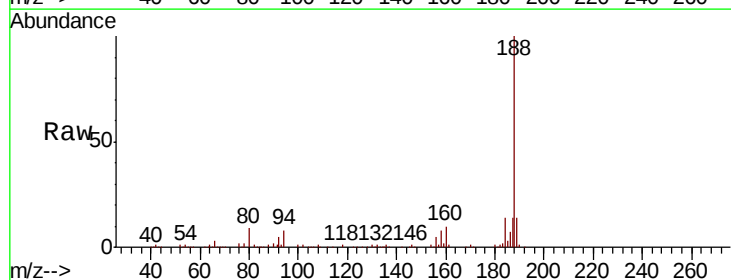
Instrument :
 BNA_F
 ClientSampleId :

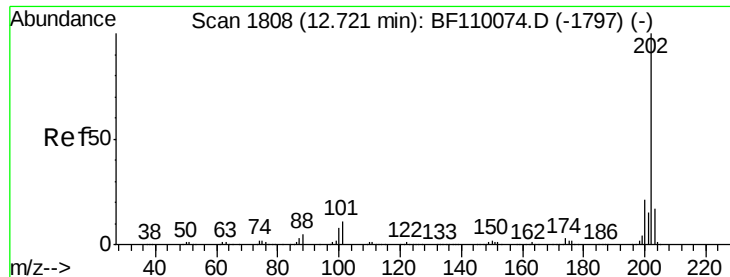
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF110435.D
 Acq: 3 Nov 2018 1:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.9	7.9	11.9





#75

Fluoranthene

Concen: 3.063 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110435.D

Acq: 3 Nov 2018 1:59

Instrument :

BNA_F

ClientSampleId :

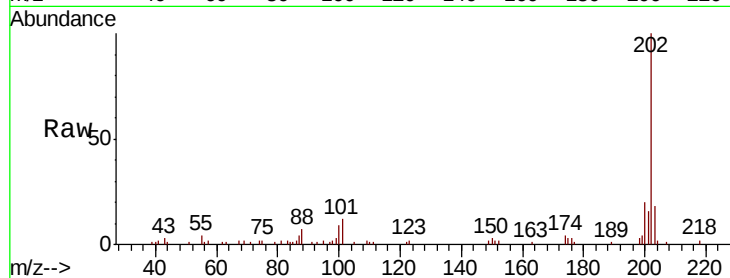
Tot Ion:202 Resp: 33369

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.4

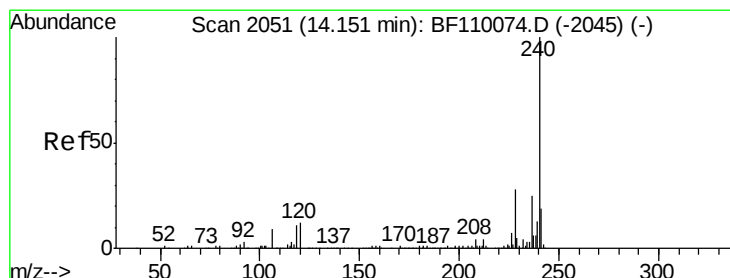
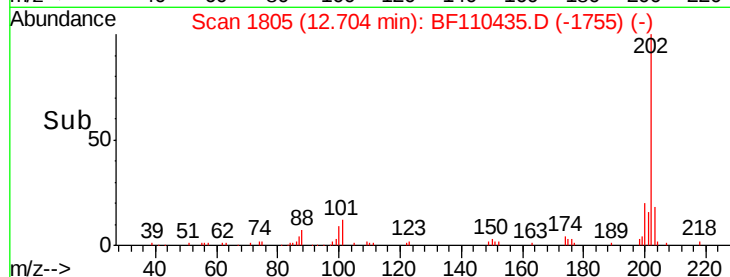
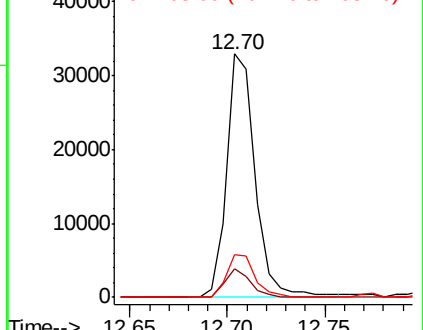
203 17.7 0.0 37.7



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110435.D

Acq: 3 Nov 2018 1:59

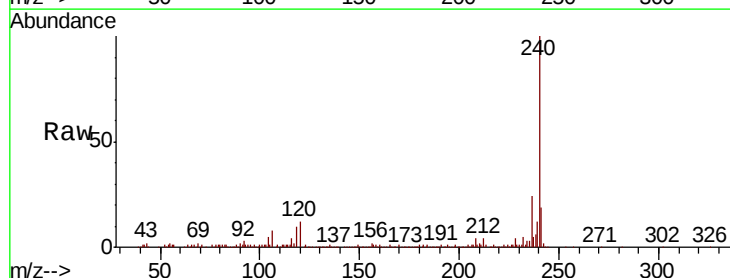
Tgt Ion:240 Resp: 148655

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

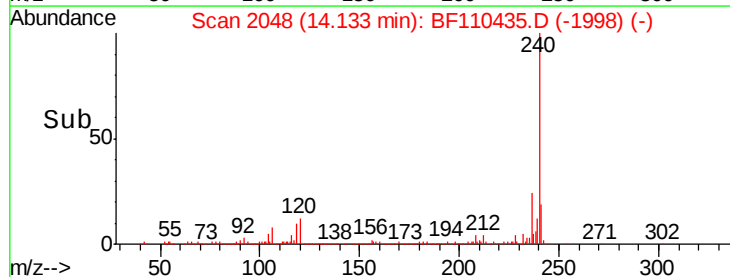
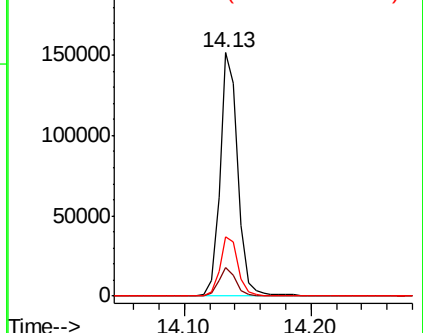
236 24.4 21.2 31.8

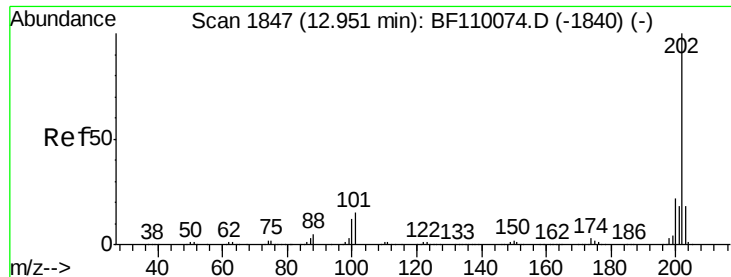


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

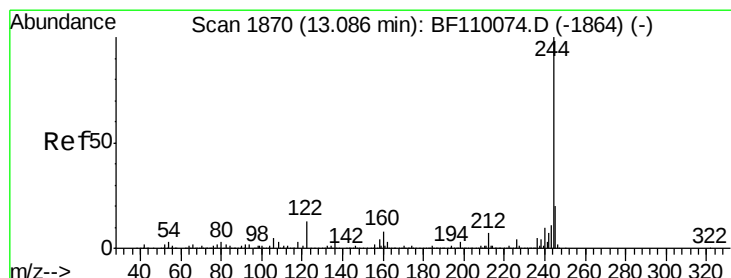
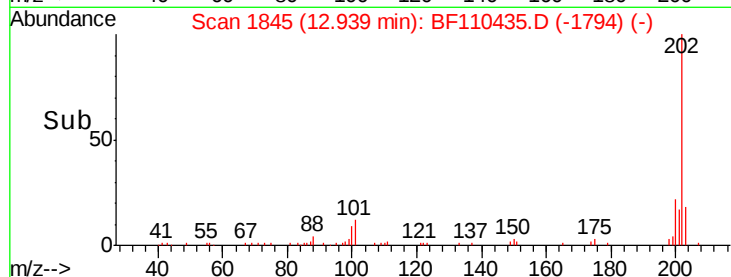
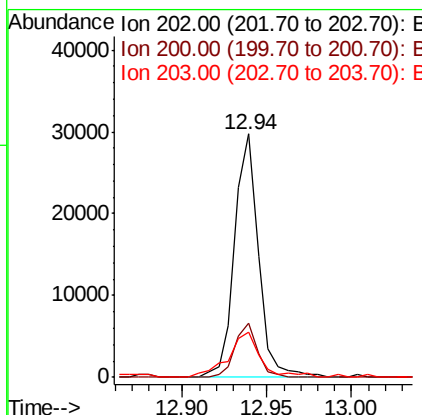
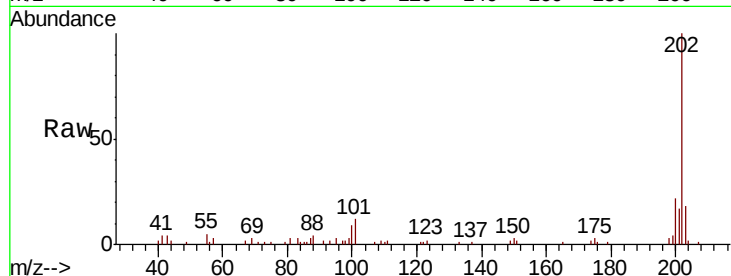




#78
Pvrene
Concen: 2.751 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

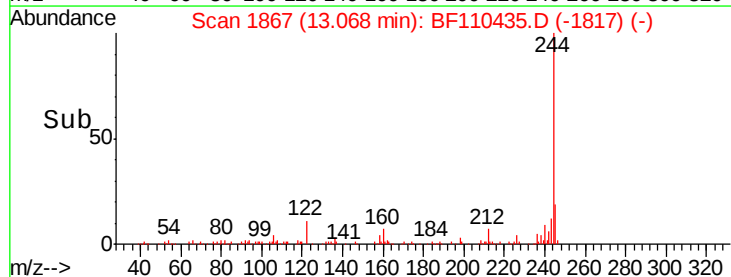
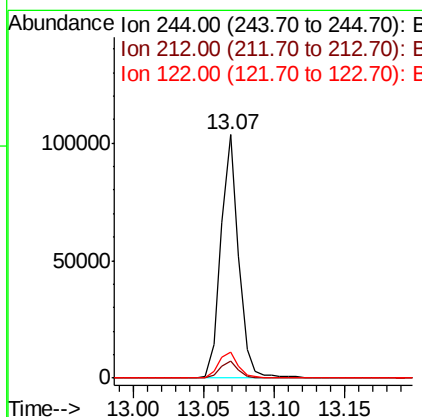
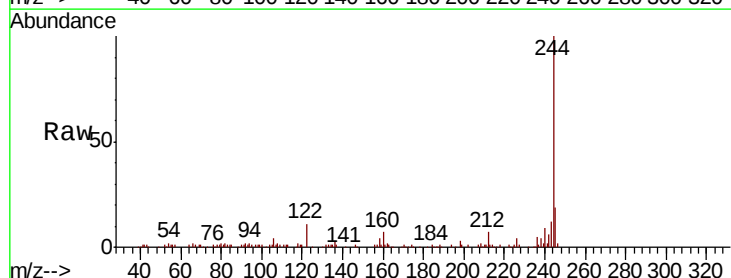
Instrument :
BNA_F
ClientSampleId :

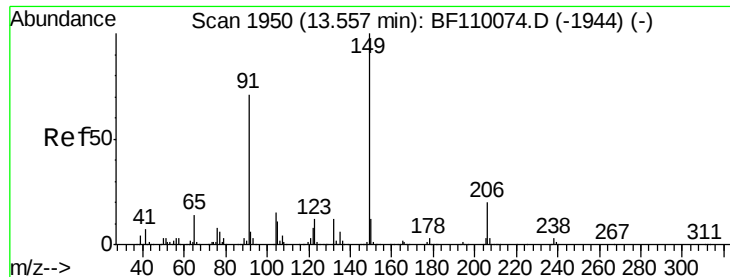
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	18.4	14.2	21.4



#79
Terphenyl-d14
Concen: 12.712 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.9	8.7	13.1

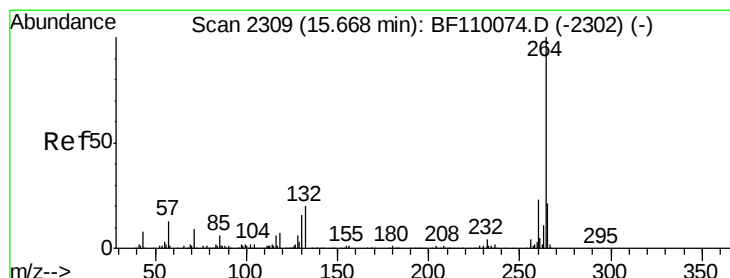
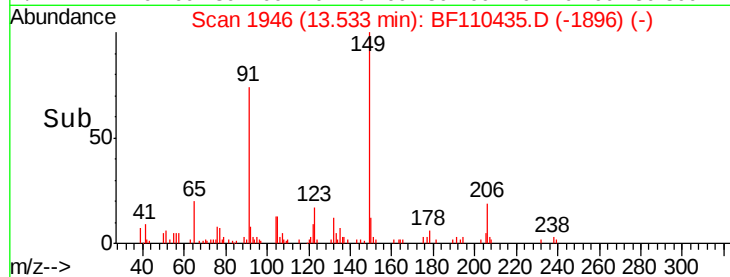
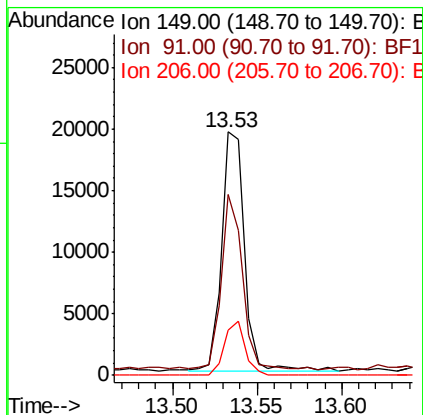
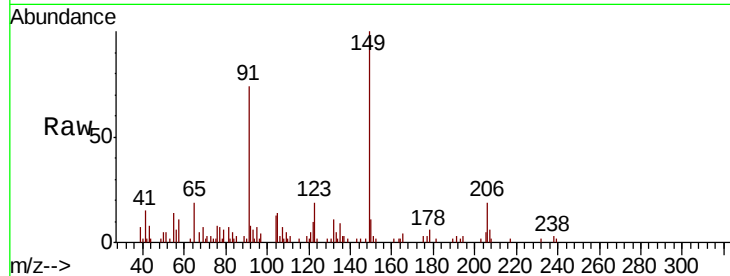




#80
Butylbenzylphthalate
Concen: 3.901 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

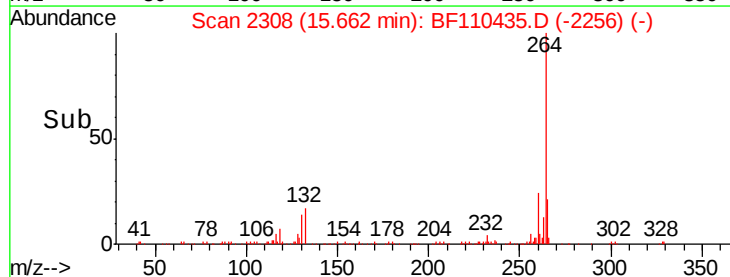
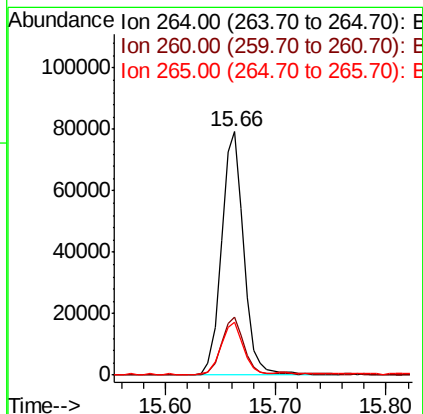
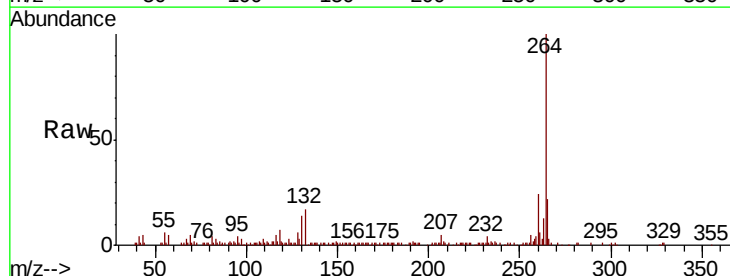
Instrument :
BNA_F
ClientSampled :

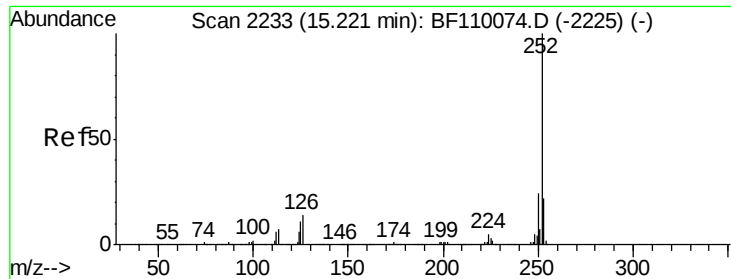
Tot Ion:149 Resp: 18044
Ion Ratio Lower Upper
149 100
91 74.3 57.2 85.8
206 18.8 15.7 23.5



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Tgt Ion:264 Resp: 111821
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.5 16.7 25.1

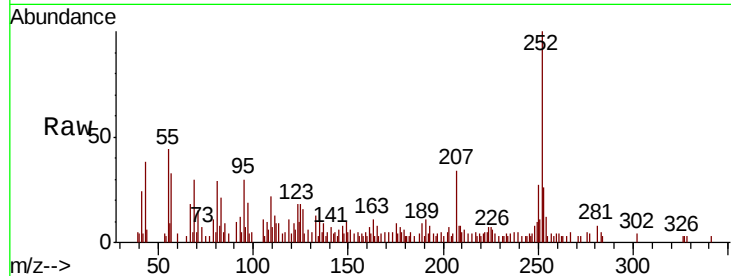




#88
Benzo(b)fluoranthene
Concen: 3.600 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	18.0	8.2	12.4

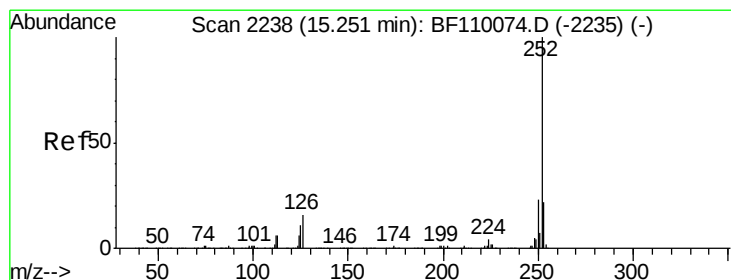
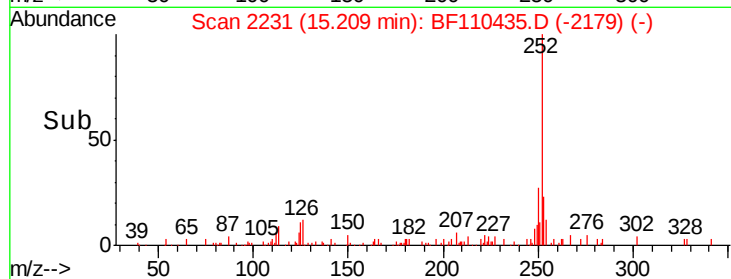
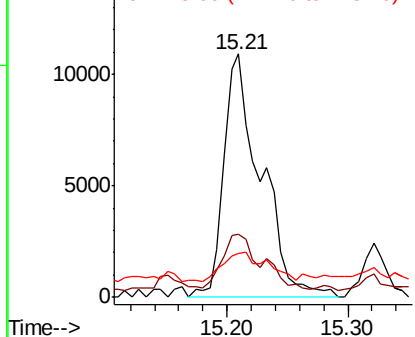


Abundance

Ion 252.00 (251.70 to 252.70): E

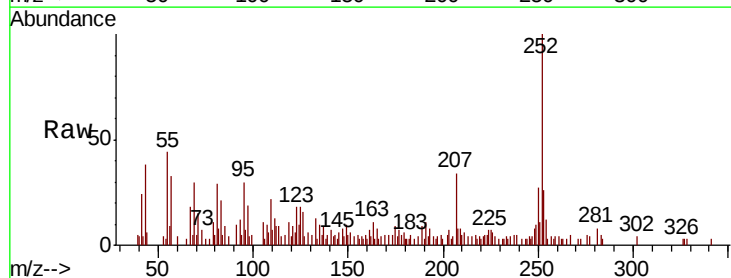
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 3.662 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110435.D
Acq: 3 Nov 2018 1:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	18.0	7.4	11.0



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

