

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110422.D
 Acq On : 2 Nov 2018 20:01
 Operator : JU/SJ
 Sample : J5767-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 00:51:46 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	6.95	152	90905	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	370555	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	156020	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	241229	20.00	ng	0.00
76) Chrysene-d12	14.13	240	179603	20.00	ng	0.00
87) Perylene-d12	15.66	264	144365	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	111533	19.98	ng	0.00
7) Phenol-d6	6.57	99	144894	20.29	ng	-0.01
23) Nitrobenzene-d5	7.52	82	87155	13.95	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	21288	13.77	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	172582	17.37	ng	0.00
79) Terphenyl-d14	13.06	244	117418	13.60	ng	-0.01

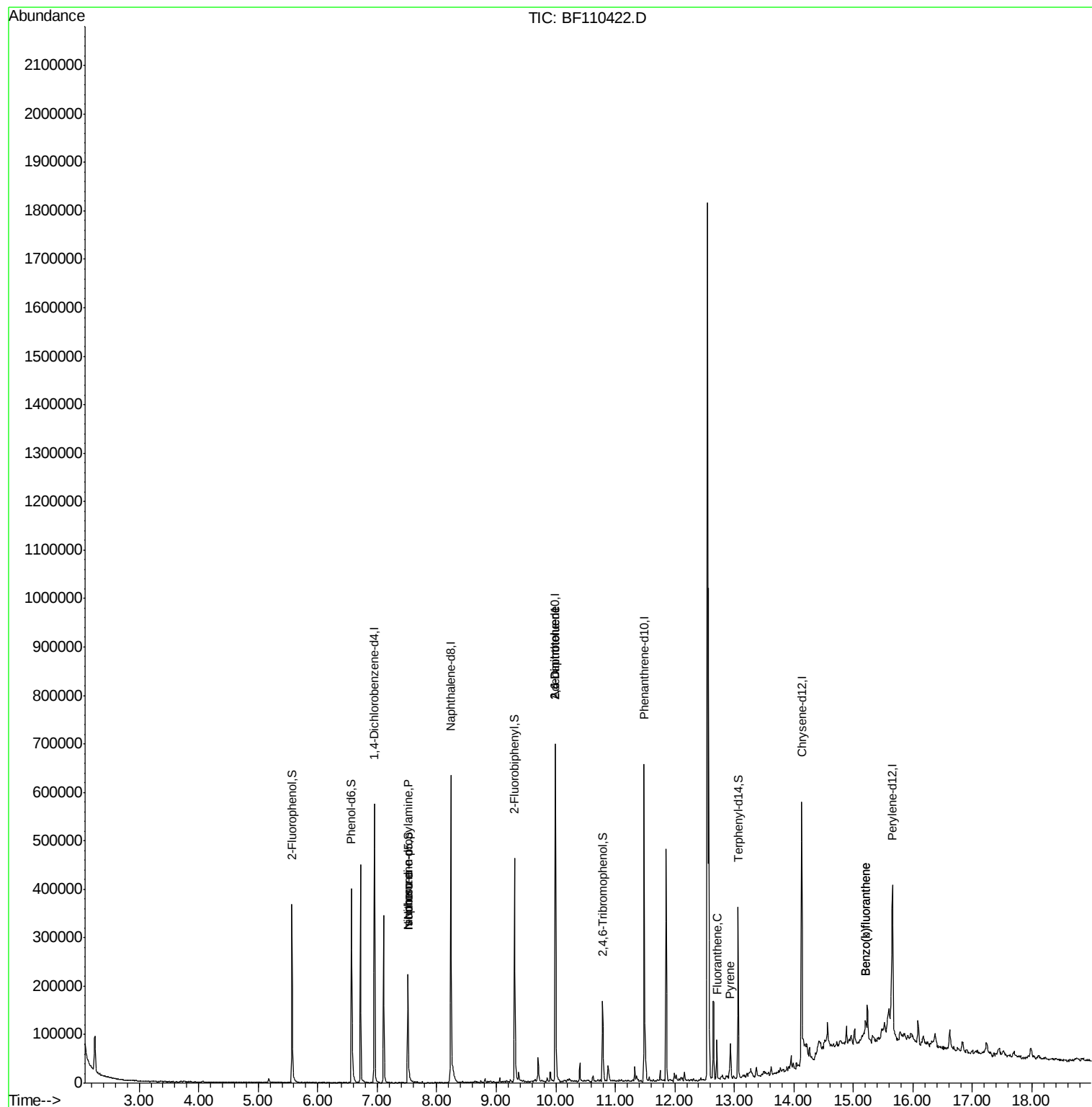
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.72	77	2575	Below Cal	#	82
19) n-Nitroso-di-n-propylamine	7.52	70	11006	2.403 ng	#	80
25) Isophorone	7.52	82	87153	8.184 ng	#	67
51) 2,6-Dinitrotoluene	9.99	165	20473	8.253 ng	#	21
57) 2,4-Dinitrotoluene	9.99	165	20473	6.497 ng	#	17
75) Fluoranthene	12.70	202	31080	2.426 ng		98
77) Benzydine	13.06	184	1643	Below Cal	#	65
78) Pyrene	12.93	202	28217	2.191 ng		100
88) Benzo(b)fluoranthene	15.20	252	22778	2.732 ng	#	80
89) Benzo(k)fluoranthene	15.20	252	22778	2.779 ng	#	79

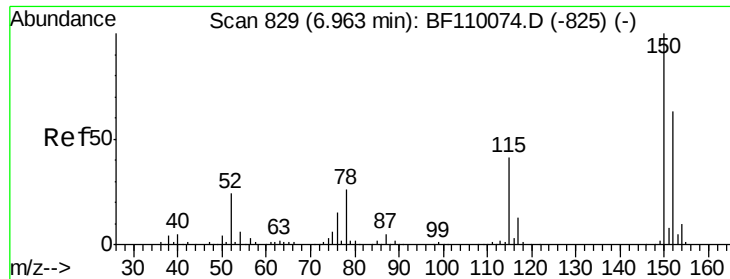
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110422.D
Acq On : 2 Nov 2018 20:01
Operator : JU/SJ
Sample : J5767-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 03 00:51:46 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



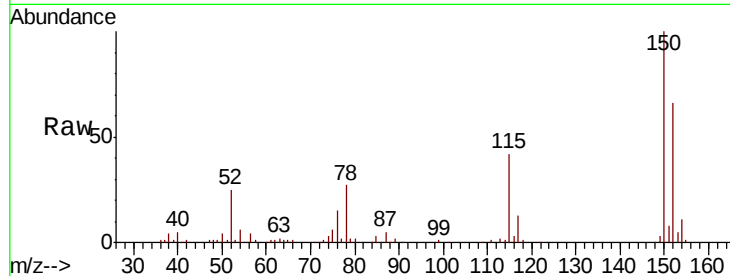


#1

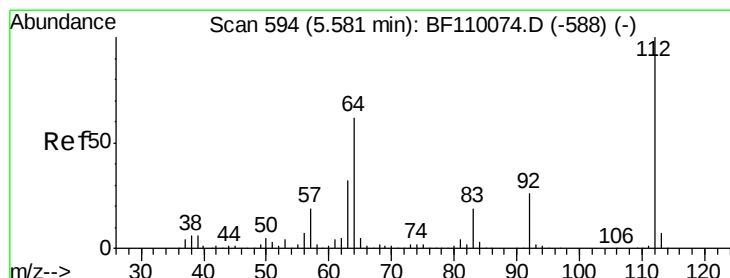
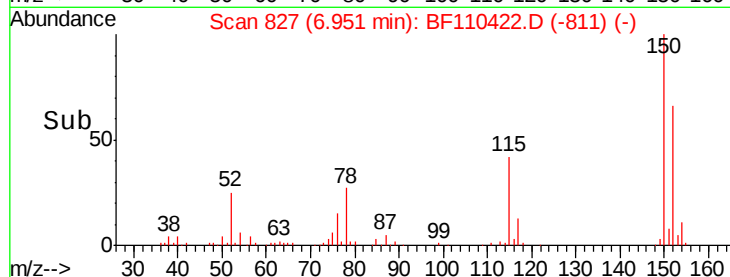
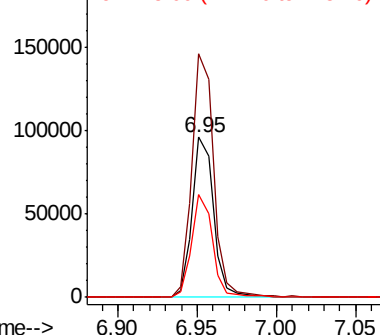
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90905
Ion Ratio Lower Upper
152 100
150 152.0 122.7 184.1
115 64.4 49.1 73.7



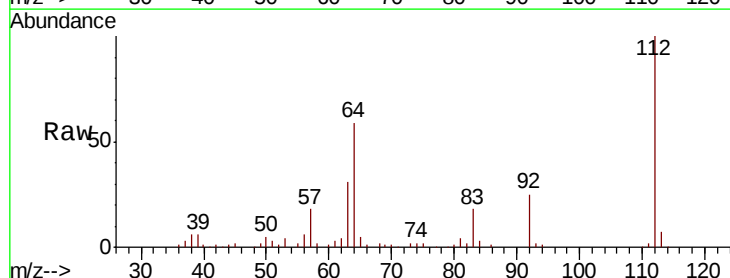
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



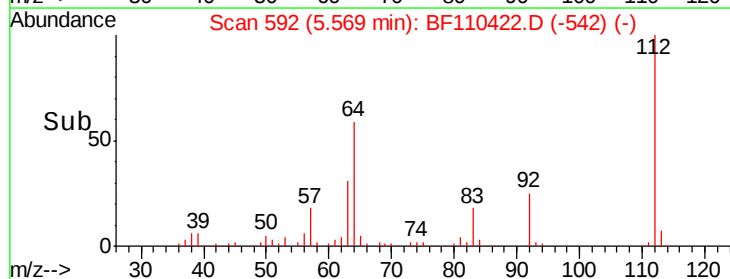
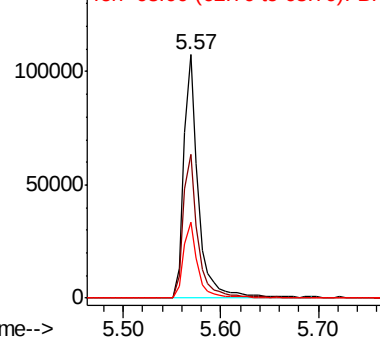
#5

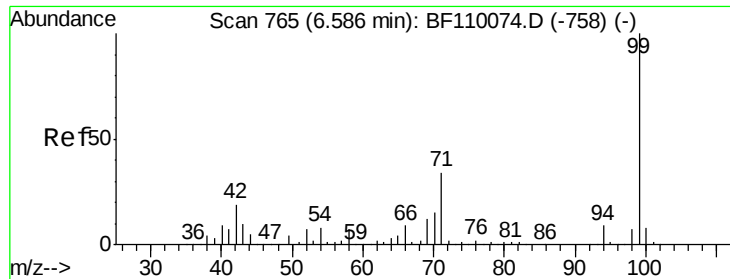
2-Fluorophenol
Concen: 19.980 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

Tgt Ion:112 Resp: 111533
Ion Ratio Lower Upper
112 100
64 59.2 44.1 66.1
63 31.2 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: 20.293 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110422.D

Acq: 2 Nov 2018 20:01

Instrument :

BNA_F

ClientSampleId :

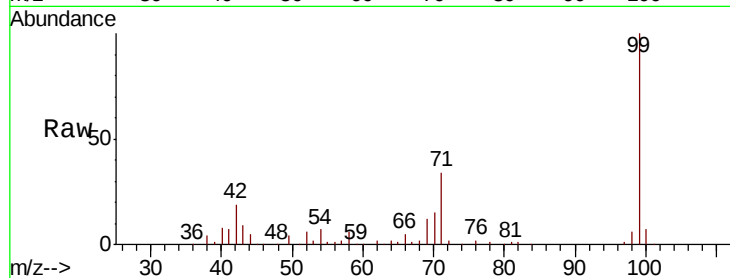
Tot Ion: 99 Resp: 144894

Ion Ratio Lower Upper

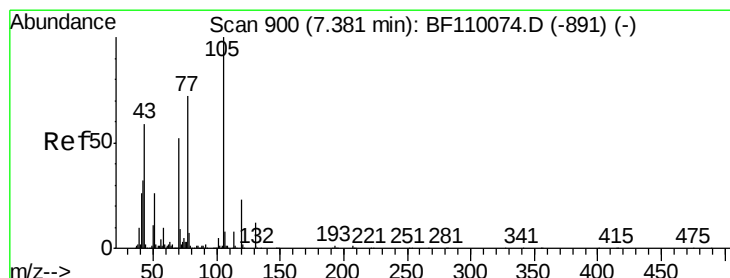
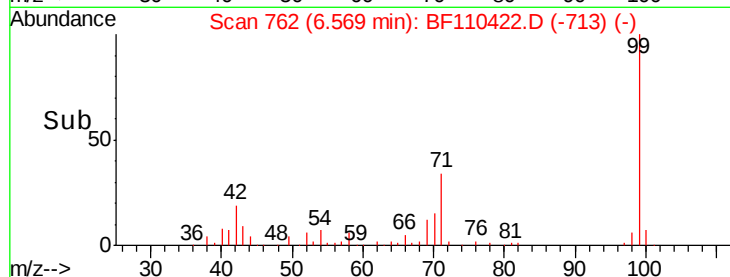
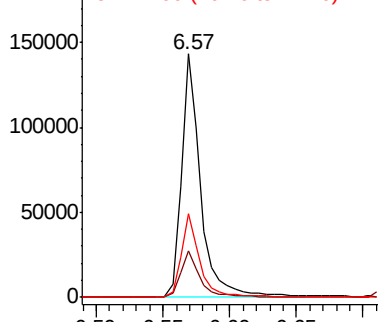
99 100

42 19.0 15.8 23.6

71 34.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.403 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.15 min

Lab File: BF110422.D

Acq: 2 Nov 2018 20:01

Tgt Ion: 70 Resp: 11006

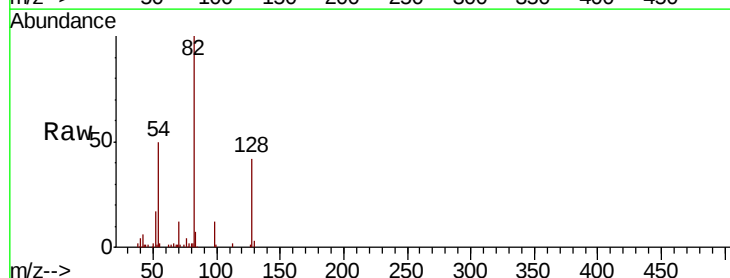
Ion Ratio Lower Upper

70 100

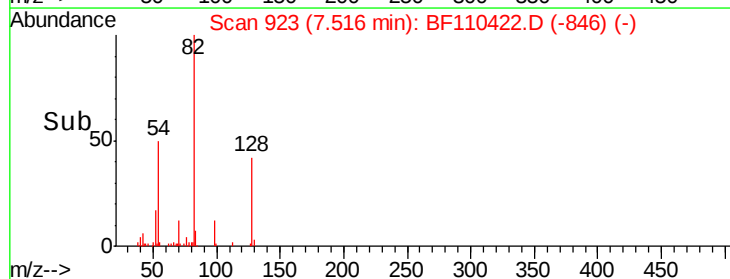
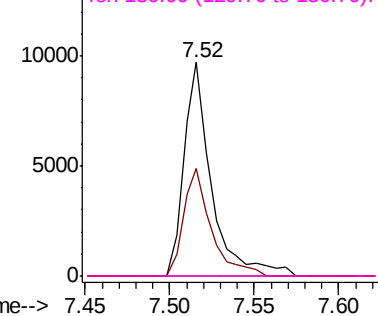
42 50.5 47.4 71.2

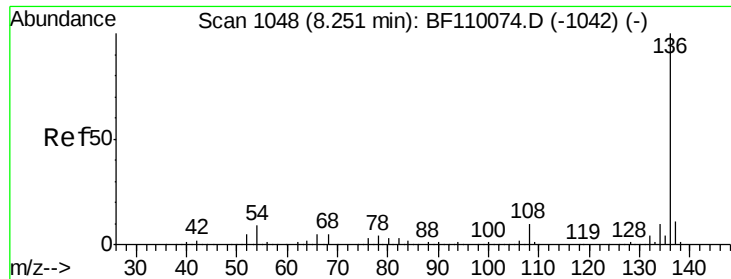
101 0.0 7.3 10.9#

130 0.0 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

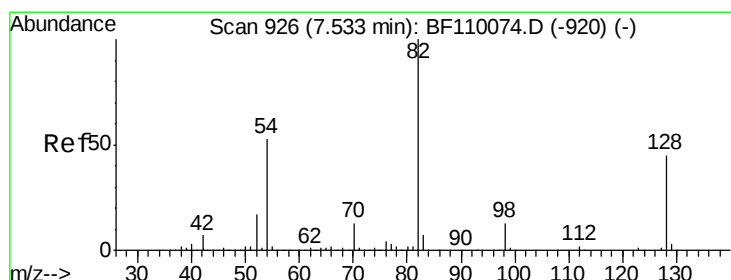
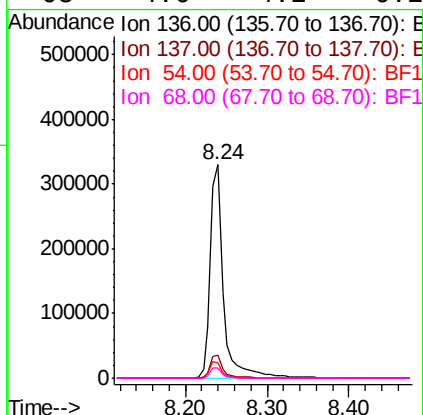
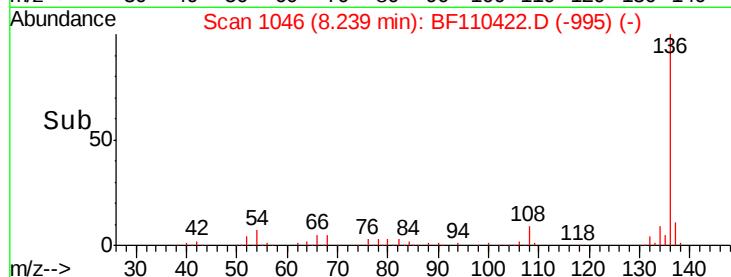
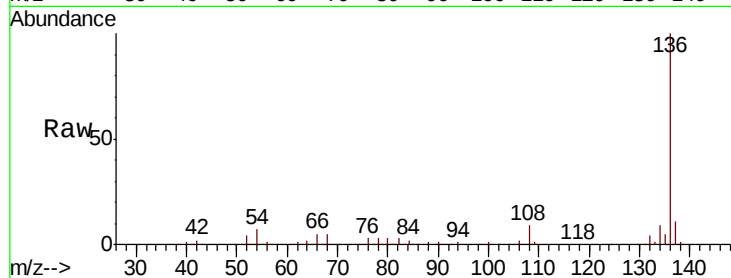




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

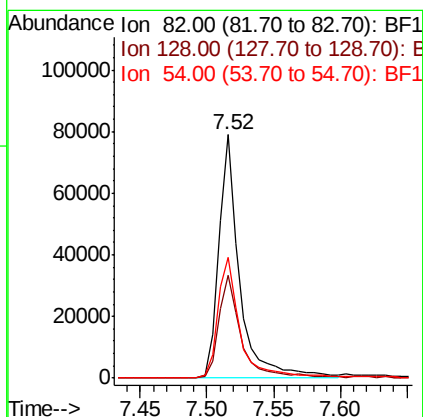
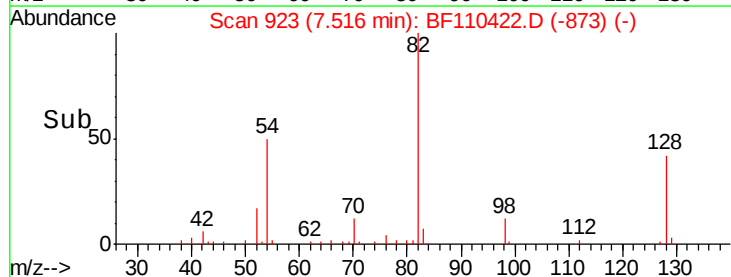
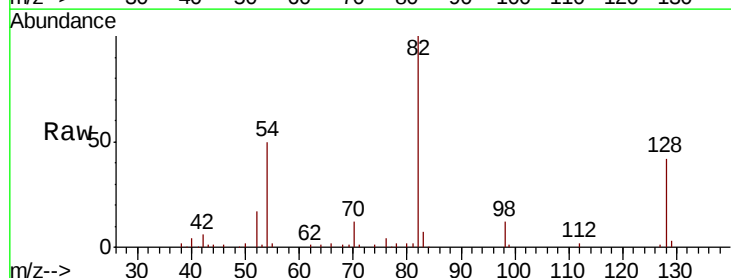
Instrument :
BNA_F
ClientSampleId :

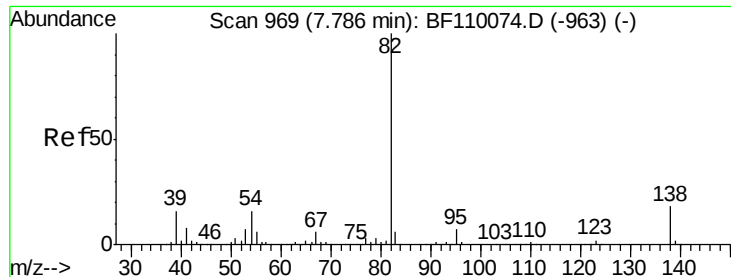
Tot Ion:136	Resp:	370555
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	7.0	5.4 8.2
68	4.6	4.2 6.2



#23
Nitrobenzene-d5
Concen: 13.951 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

Tgt Ion: 82	Resp:	87155
Ion Ratio	Lower	Upper
82	100	
128	42.5	34.2 51.2
54	49.7	38.6 58.0





#25

Isophorone

Concen: 8.184 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.26 min

Lab File: BF110422.D

Acq: 2 Nov 2018 20:01

Instrument :

BNA_F

ClientSampleId :

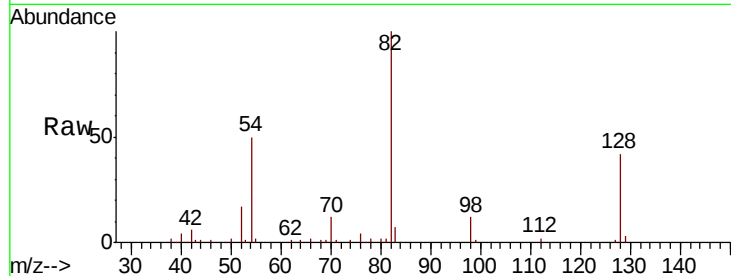
Tot Ion: 82 Resp: 87153

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

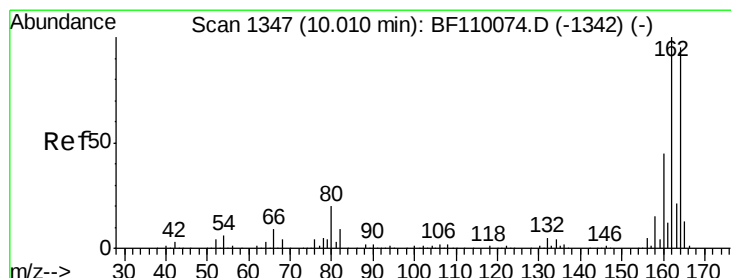
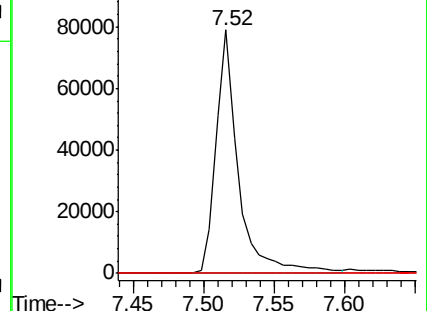
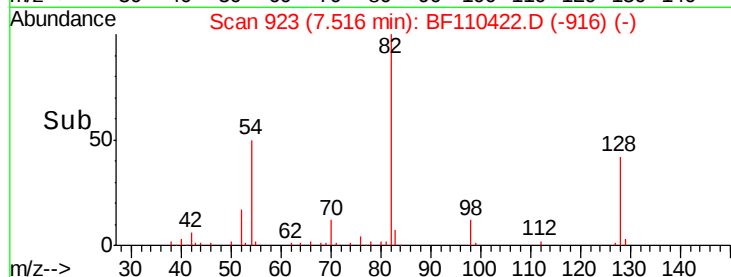
138 0.0 13.2 19.8#



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: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF110422.D

Acq: 2 Nov 2018 20:01

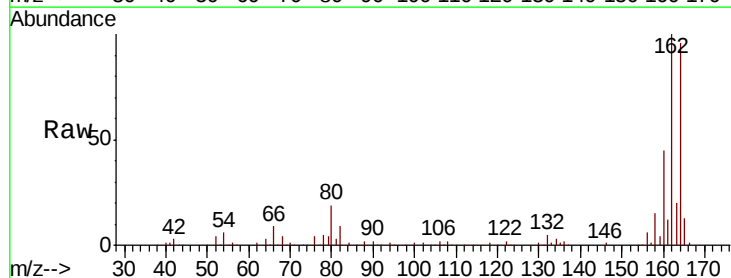
Tgt Ion:164 Resp: 156020

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.6

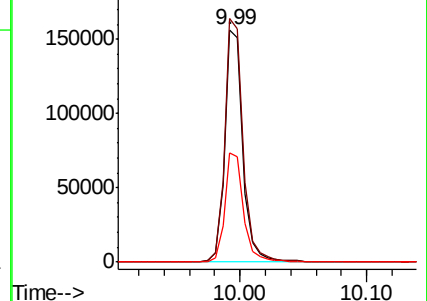
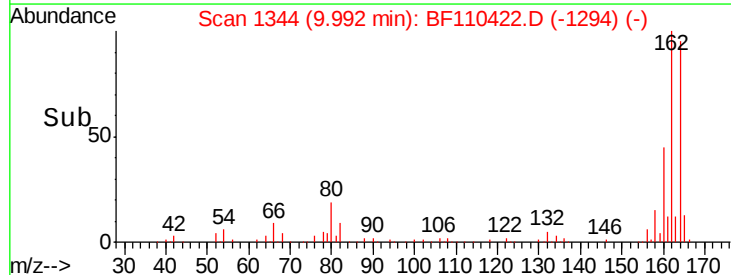
160 47.1 37.0 55.6

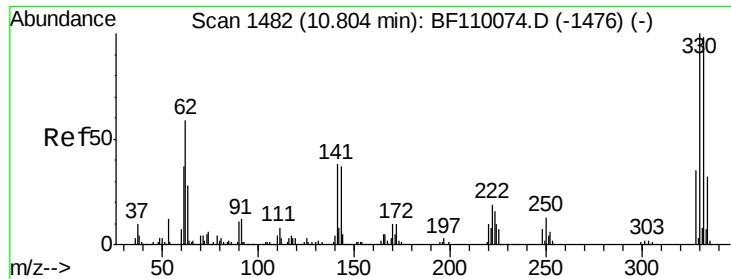


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

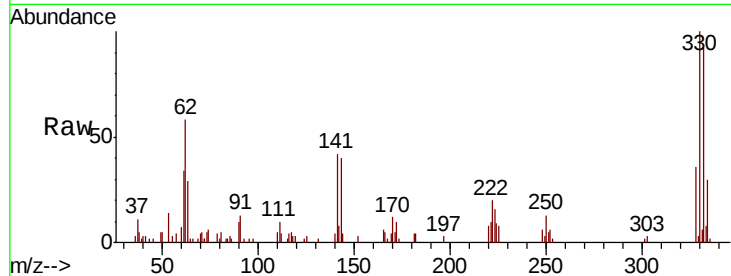




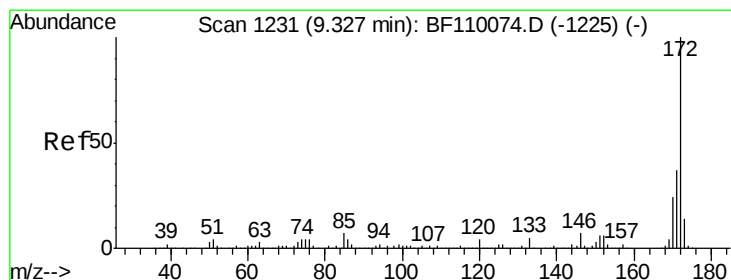
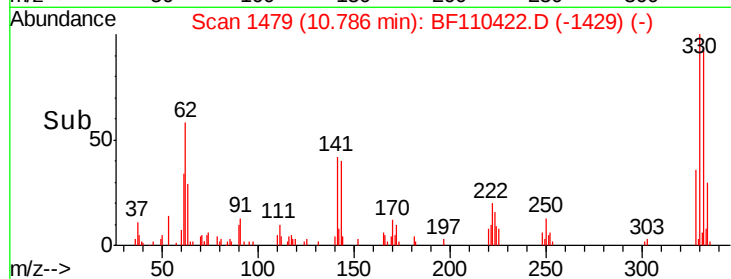
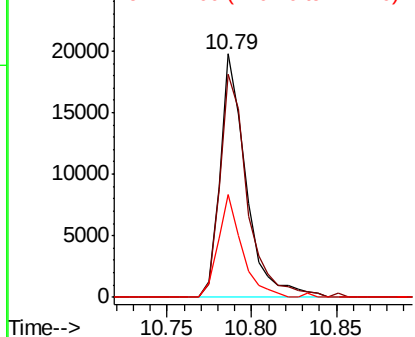
#42
 2,4,6-Tribromophenol
 Concen: 13.774 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110422.D
 Acq: 2 Nov 2018 20:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 21288
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.1 115.7
 141 39.0 27.0 40.4

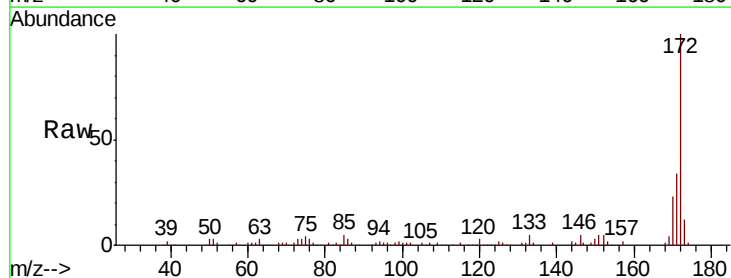


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

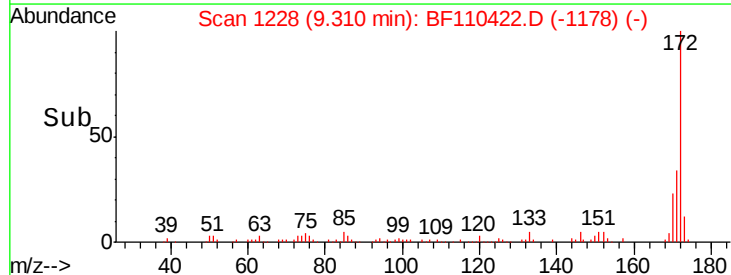
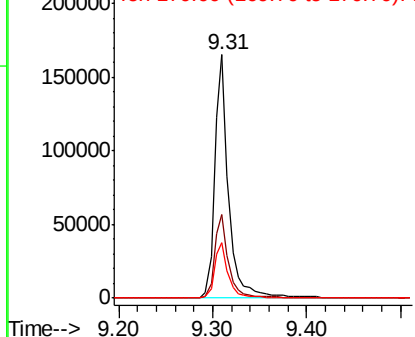


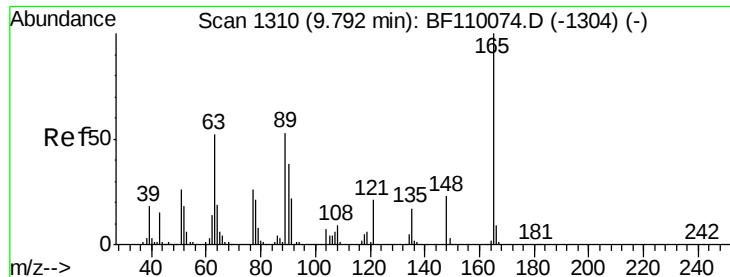
#45
 2-Fluorobiphenyl
 Concen: 17.369 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110422.D
 Acq: 2 Nov 2018 20:01

Tgt Ion:172 Resp: 172582
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.6 43.0
 170 22.5 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: 8.253 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.21 min

Lab File: BF110422.D

Acq: 2 Nov 2018 20:01

Instrument :

BNA_F

ClientSampled :

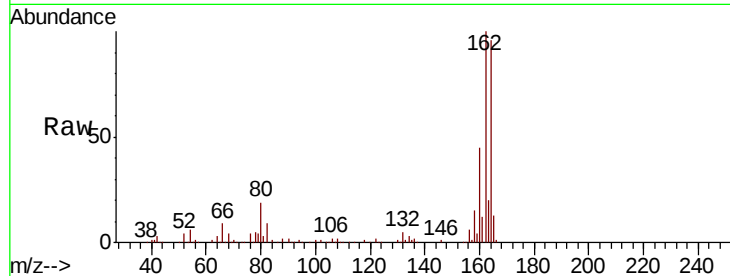
Tot Ion:165 Resp: 20473

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

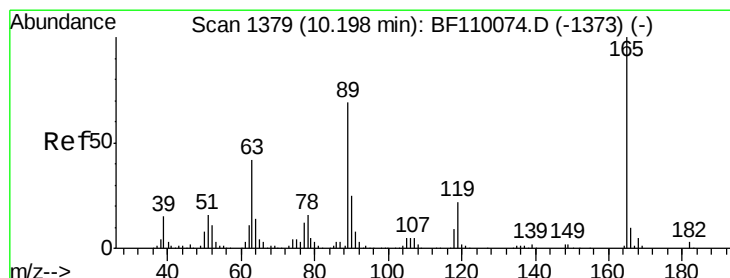
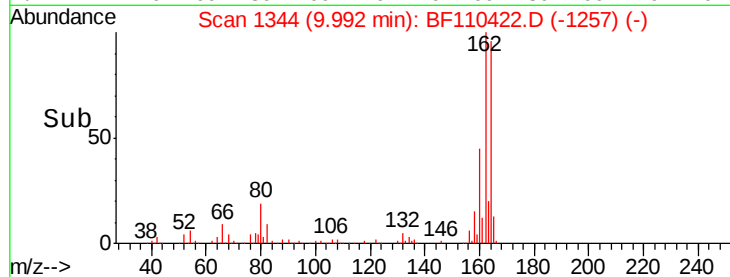
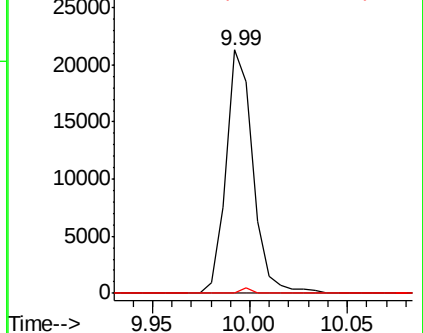
89 0.0 46.6 69.8#



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: 6.497 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.20 min

Lab File: BF110422.D

Acq: 2 Nov 2018 20:01

Tgt Ion:165 Resp: 20473

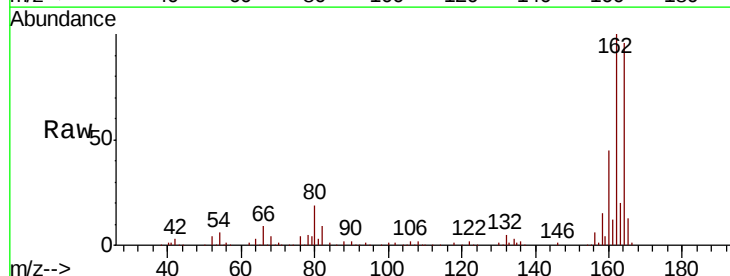
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

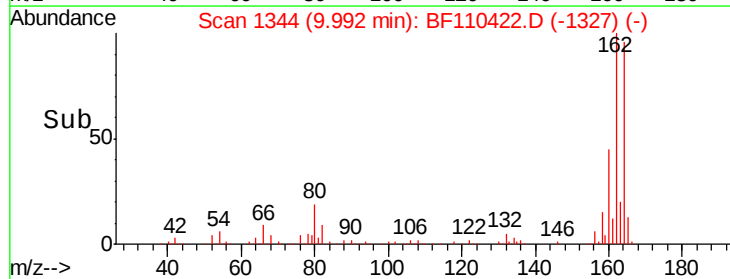
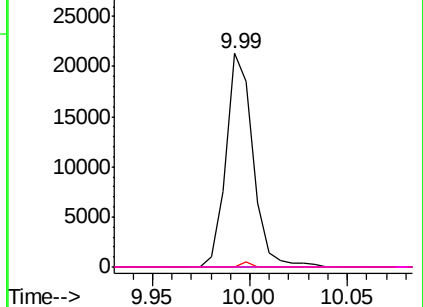


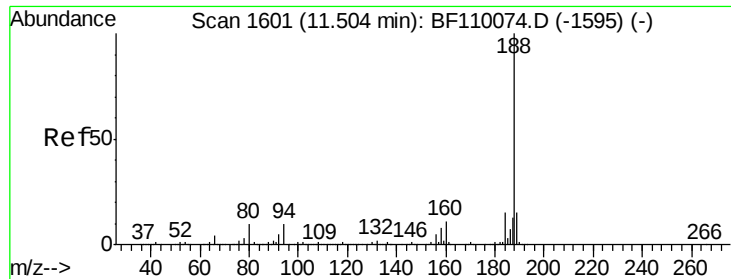
Abundance Ion 165.00 (164.70 to 165.70): E

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

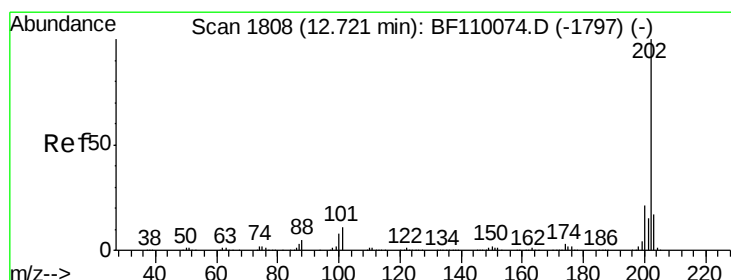
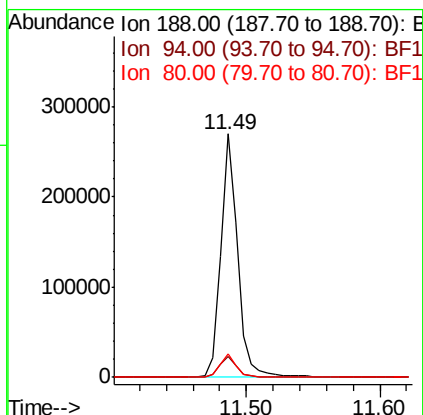
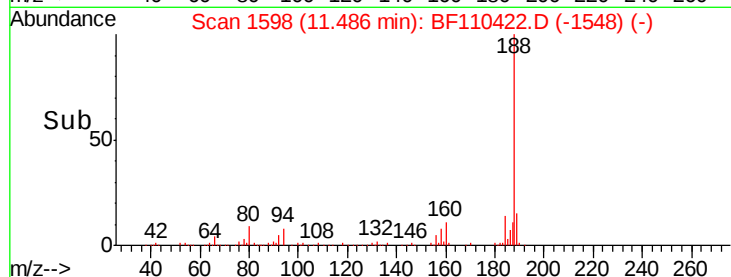
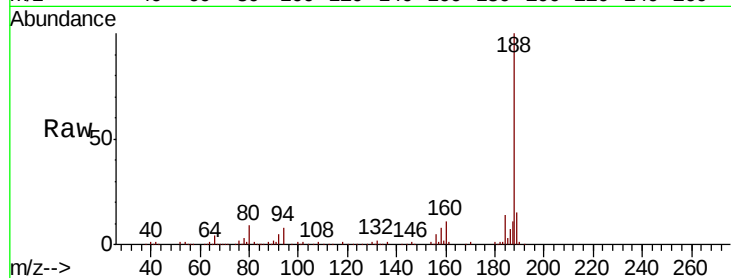




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

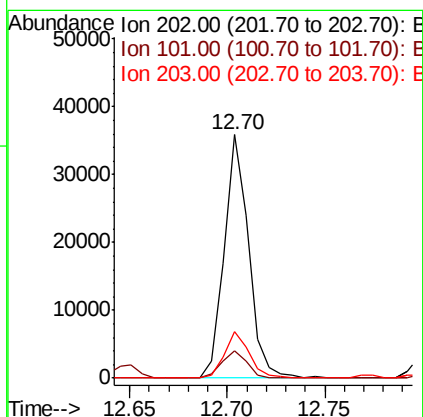
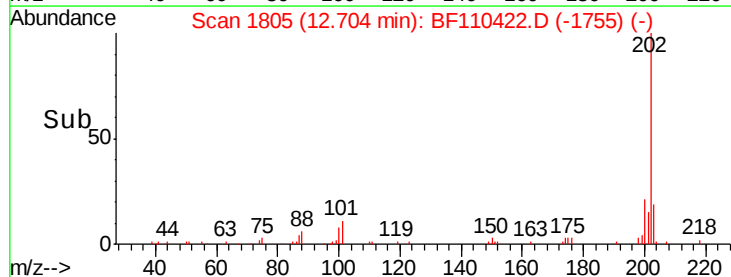
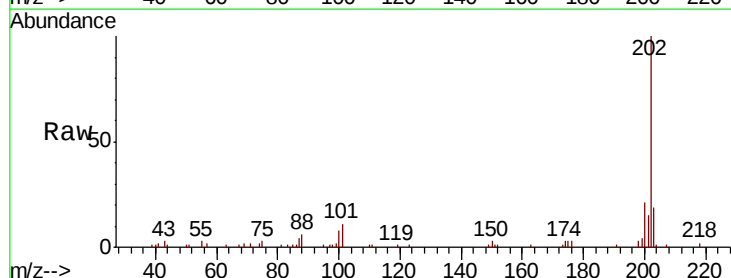
Instrument :
BNA_F
ClientSampleId :

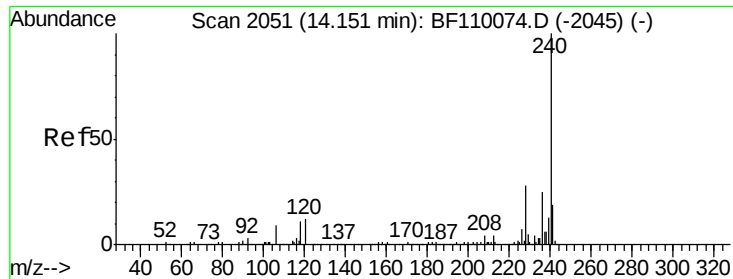
Tot Ion:188 Resp: 241229
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.4 7.9 11.9



#75
Fluoranthene
Concen: 2.426 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

Tgt Ion:202 Resp: 31080
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 19.1 0.0 37.7

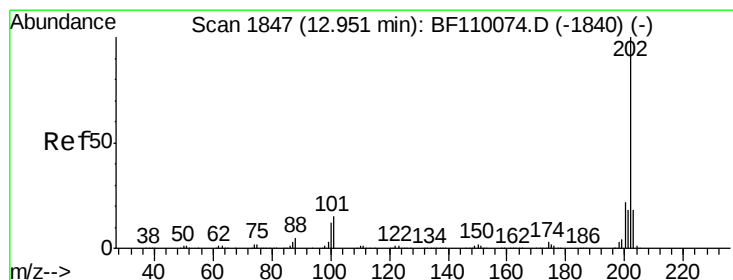
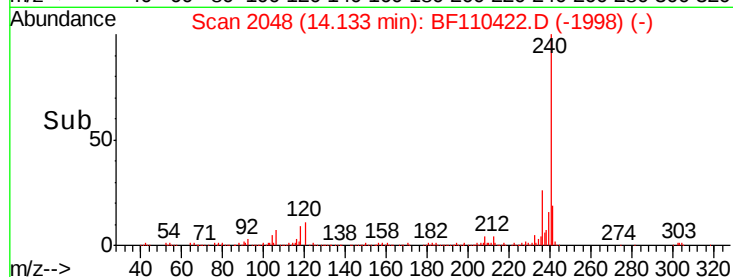
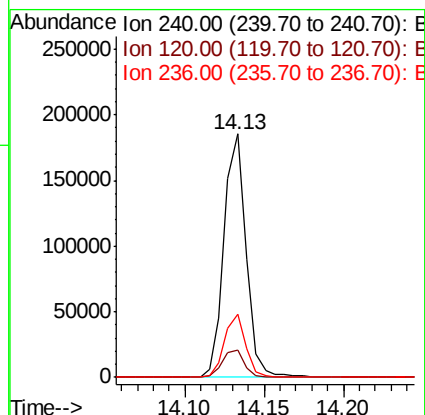
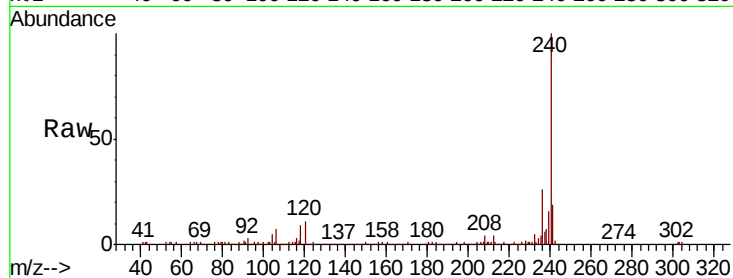




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

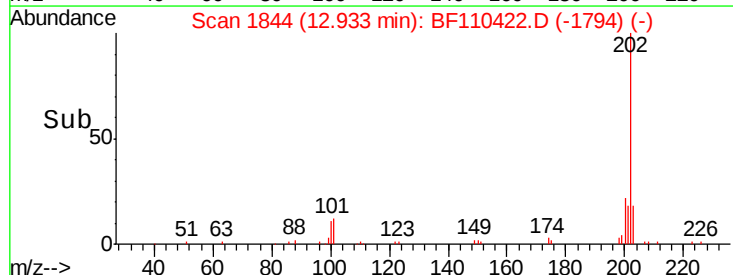
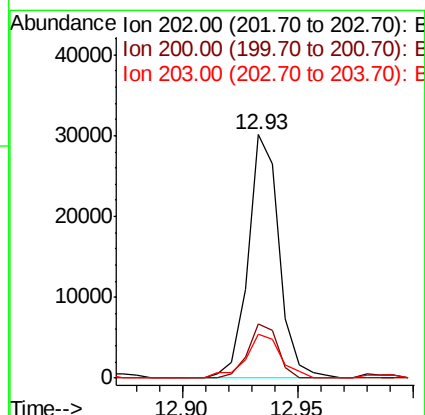
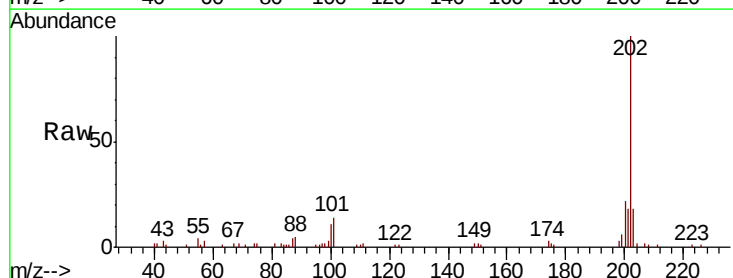
Instrument :
BNA_F
ClientSampleId :

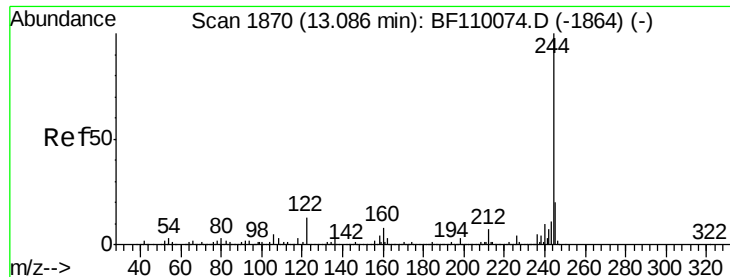
Tot Ion:240 Resp: 179603
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 25.7 21.2 31.8



#78
Pyrene
Concen: 2.191 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

Tgt Ion:202 Resp: 28217
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 18.1 14.2 21.4

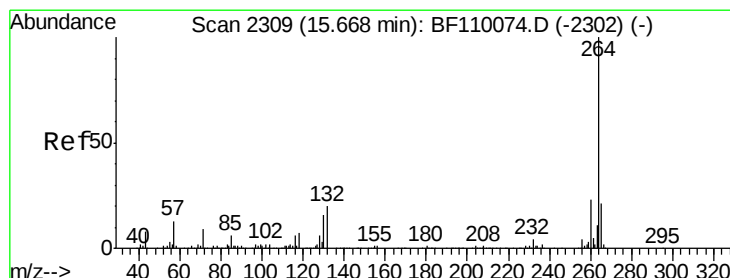
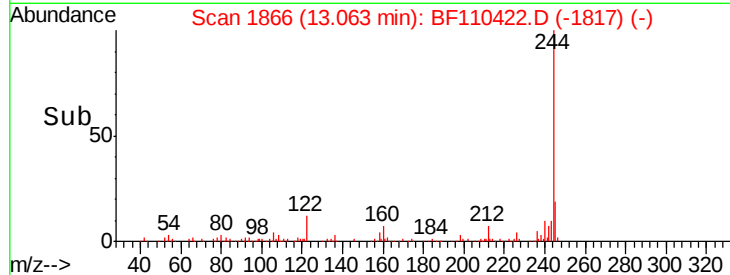
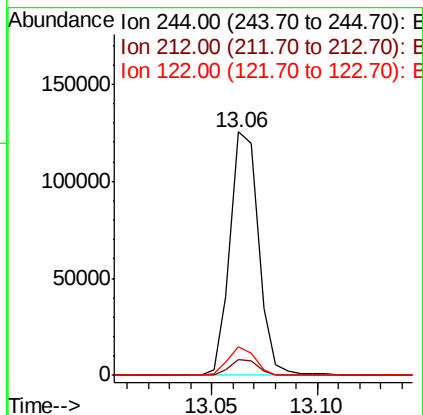
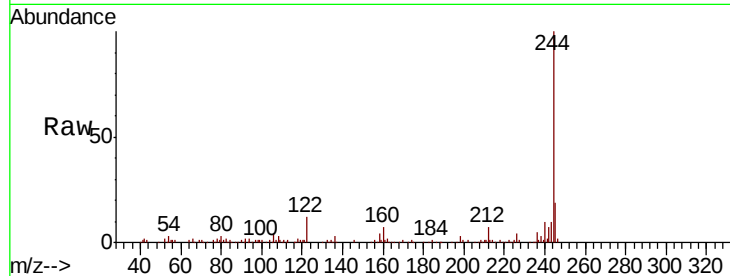




#79
 Terphenyl-d14
 Concen: 13.596 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110422.D
 Acq: 2 Nov 2018 20:01

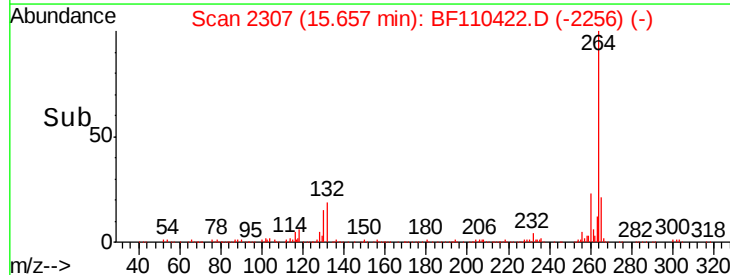
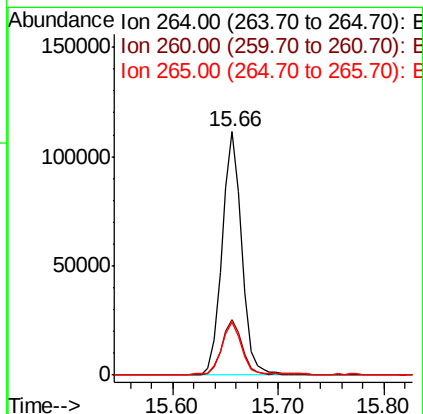
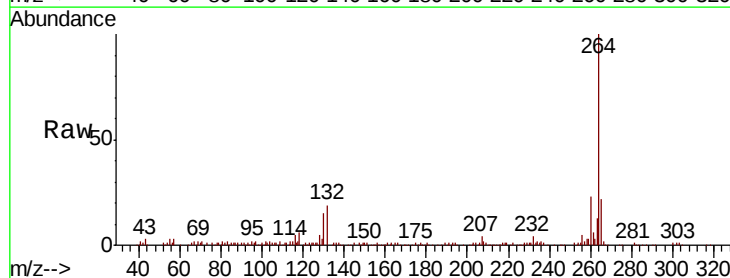
Instrument :
 BNA_F
 ClientSampleId :

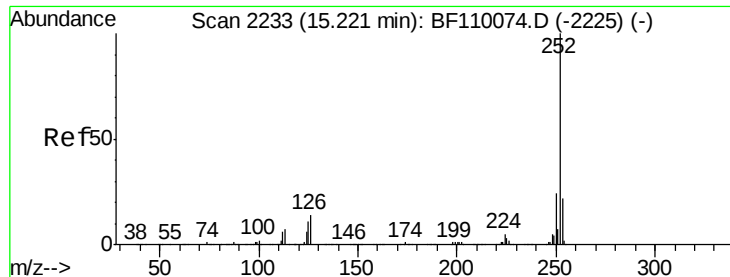
Tot Ion:244 Resp: 117418
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 12.0 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110422.D
 Acq: 2 Nov 2018 20:01

Tgt Ion:264 Resp: 144365
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.7 16.7 25.1

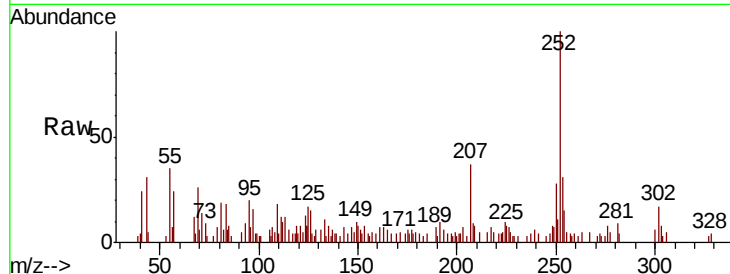




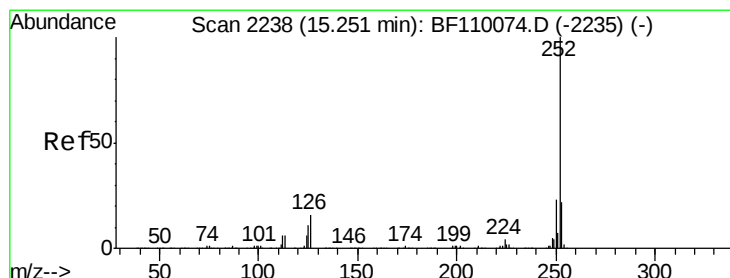
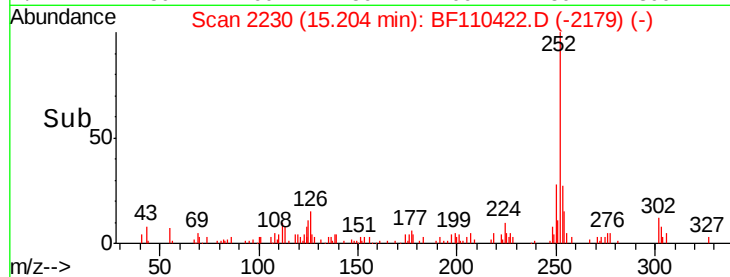
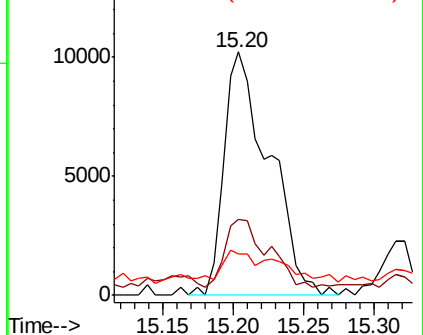
#88
Benzo(b)fluoranthene
Concen: 2.732 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.3	17.2	25.8#
125	17.0	8.2	12.4#

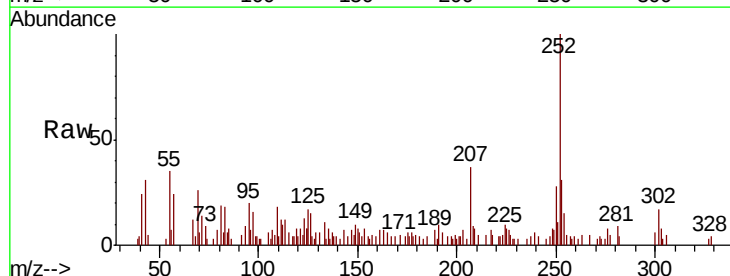


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.779 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110422.D
Acq: 2 Nov 2018 20:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.3	17.2	25.8#
125	17.0	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

