

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110415.D
 Acq On : 2 Nov 2018 16:47
 Operator : JU/SJ
 Sample : J5769-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 22:57:07 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	98232	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	412686	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	199374	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	366835	20.00	ng	0.00
76) Chrysene-d12	14.13	240	186427	20.00	ng	0.00
87) Perylene-d12	15.66	264	177172	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	567307	94.05	ng	0.01
7) Phenol-d6	6.58	99	734459	95.19	ng	0.00
23) Nitrobenzene-d5	7.52	82	460773	66.22	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	150621	76.27	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	896240	70.59	ng	0.00
79) Terphenyl-d14	13.07	244	737248	82.24	ng	0.00

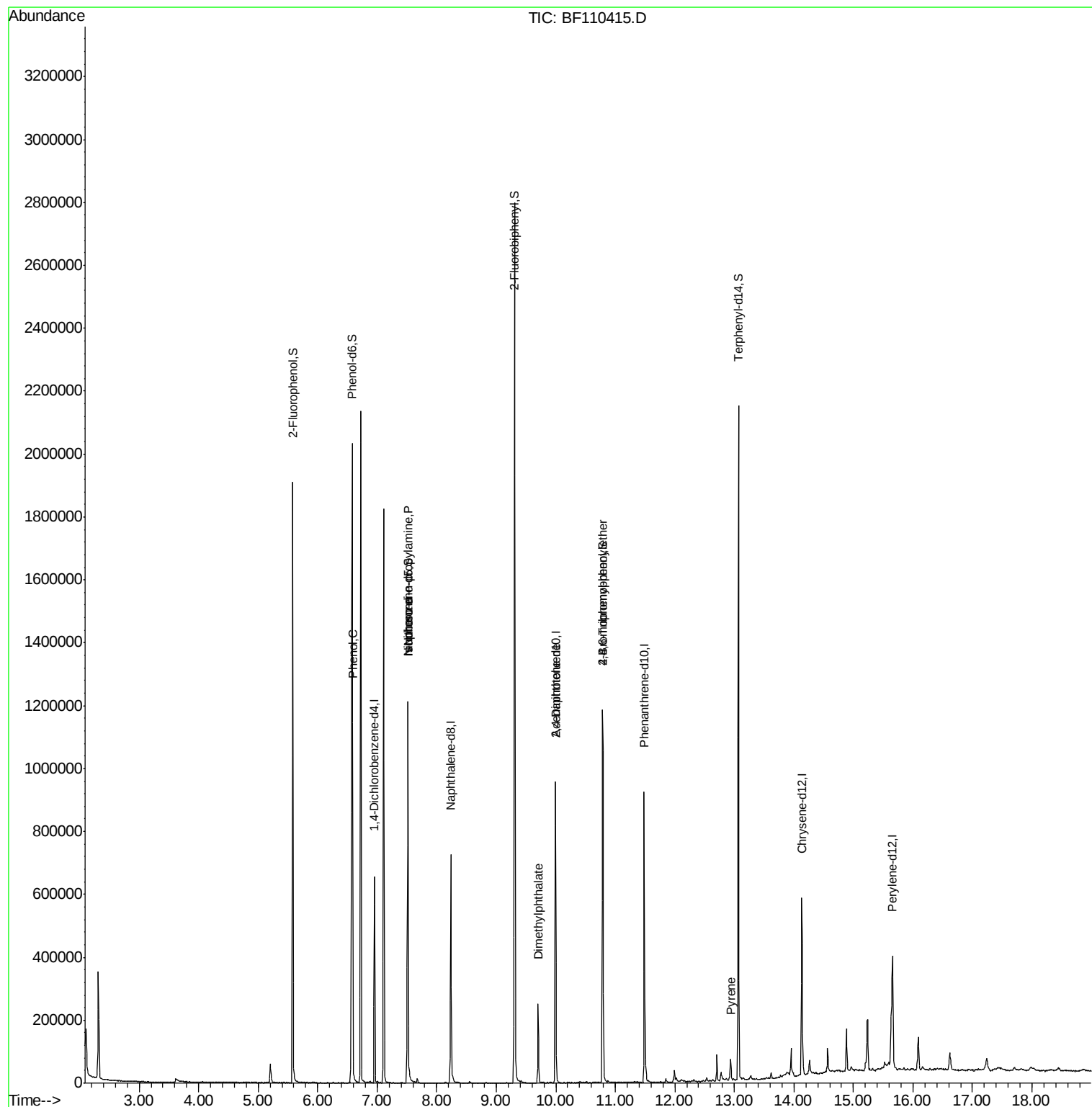
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.58	77	1384	Below Cal		# 1
10) Phenol	6.59	94	48499	5.880	ng	# 62
19) n-Nitroso-di-n-propylamine	7.52	70	61092	12.342	ng	# 80
25) Isophorone	7.52	82	460768	38.850	ng	# 67
50) Dimethylphthalate	9.70	163	120587	8.194	ng	# 99
57) 2,4-Dinitrotoluene	10.00	165	24776	6.153	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	9437	2.372	ng	# 1
78) Pyrene	12.94	202	27934	2.090	ng	# 99

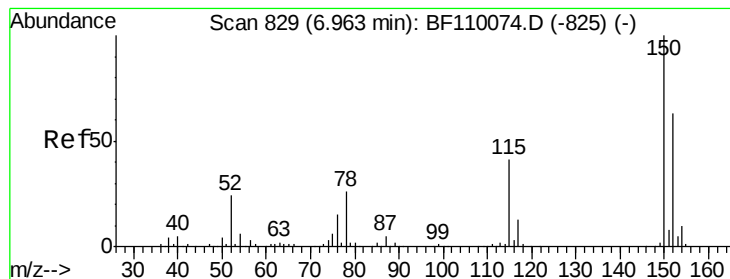
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110415.D
Acq On : 2 Nov 2018 16:47
Operator : JU/SJ
Sample : J5769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 02 22:57:07 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



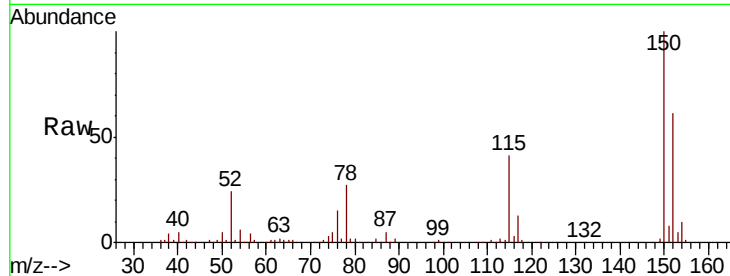


#1

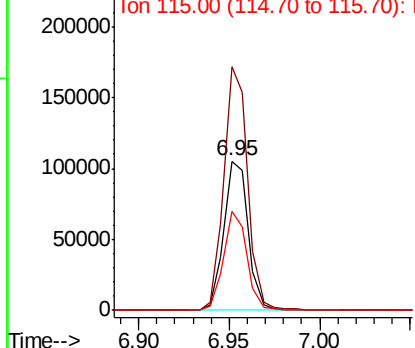
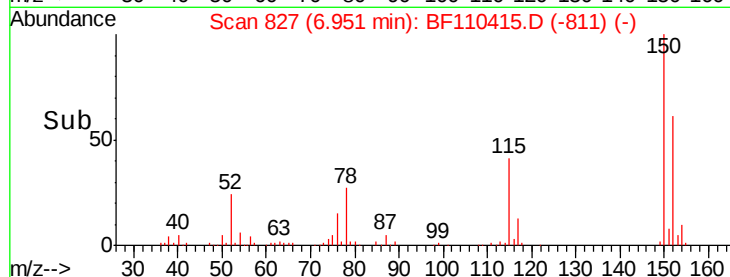
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110415.D
Acq: 2 Nov 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98232
Ion Ratio Lower Upper
152 100
150 163.3 122.7 184.1
115 66.6 49.1 73.7



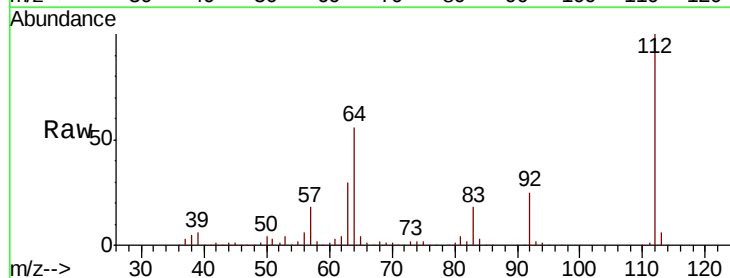
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



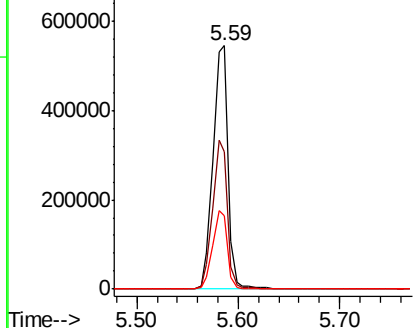
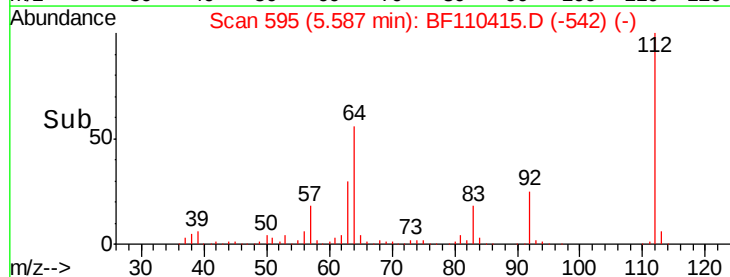
#5

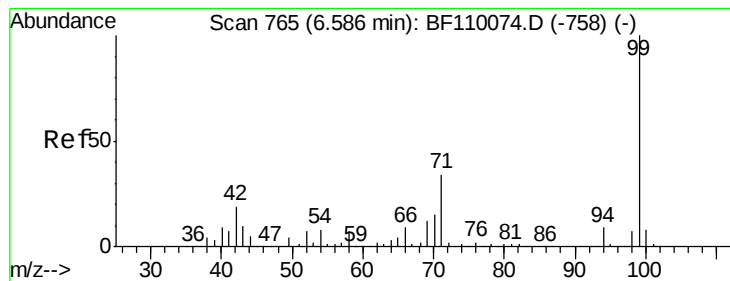
2-Fluorophenol
Concen: 94.046 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110415.D
Acq: 2 Nov 2018 16:47

Tgt Ion:112 Resp: 567307
Ion Ratio Lower Upper
112 100
64 56.4 44.1 66.1
63 30.2 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: 95.190 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110415.D

Acq: 2 Nov 2018 16:47

Instrument :

BNA_F

ClientSampleId :

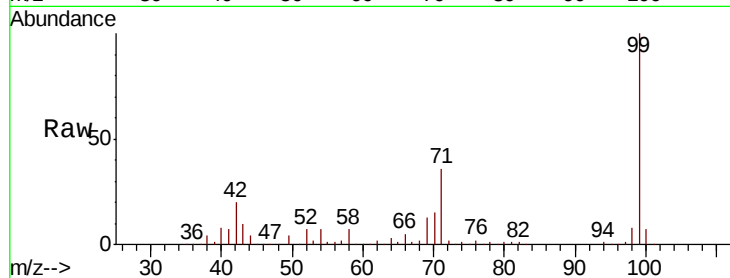
Tot Ion: 99 Resp: 734459

Ion Ratio Lower Upper

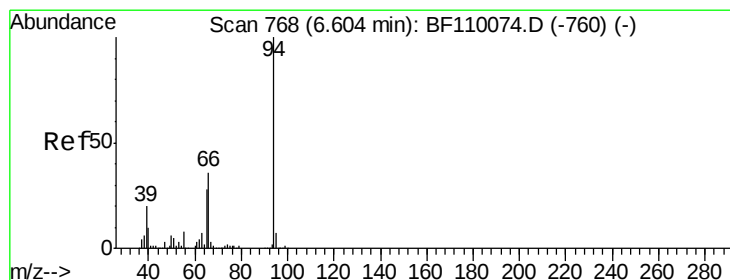
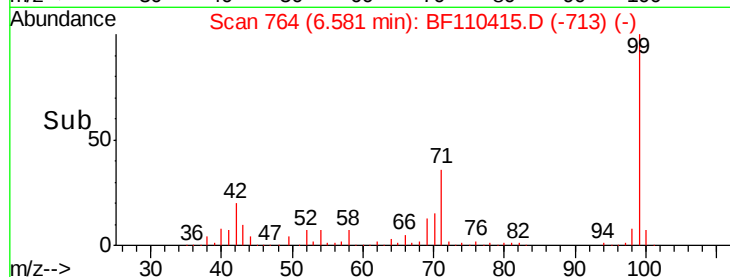
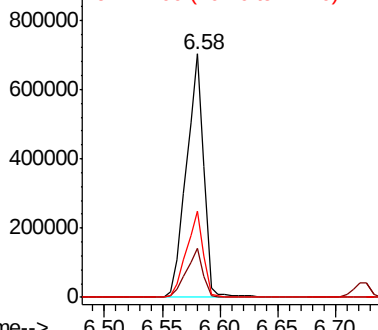
99 100

42 19.9 15.8 23.6

71 35.5 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



#10

Phenol

Concen: 5.880 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110415.D

Acq: 2 Nov 2018 16:47

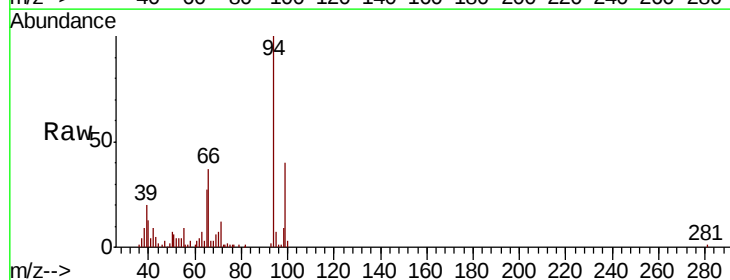
Tgt Ion: 94 Resp: 48499

Ion Ratio Lower Upper

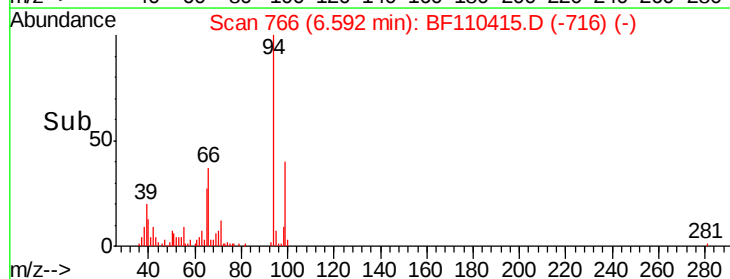
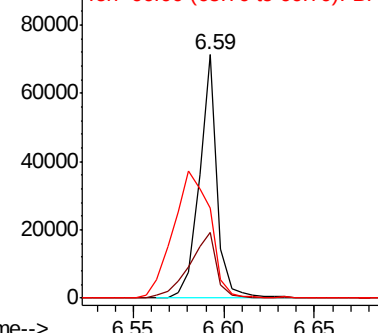
94 100

65 26.7 25.3 65.3

66 36.7 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

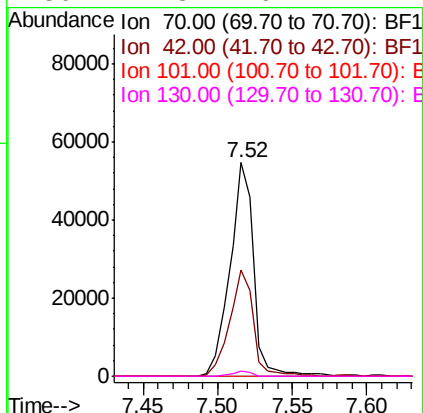
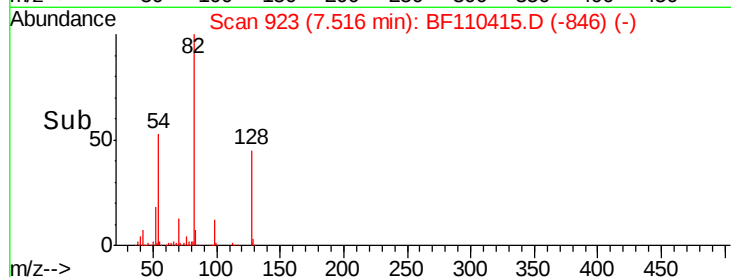
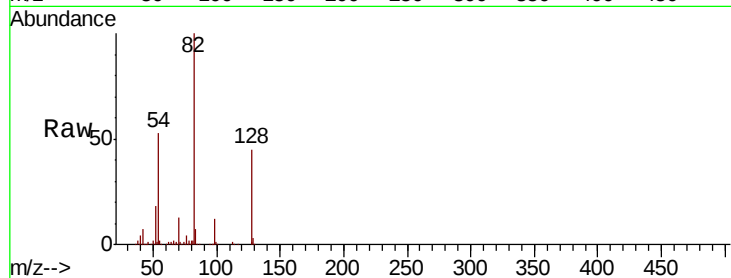




#19
n-Nitroso-di-n-propylamine
Concen: 12.342 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110415.D
Acq: 2 Nov 2018 16:47

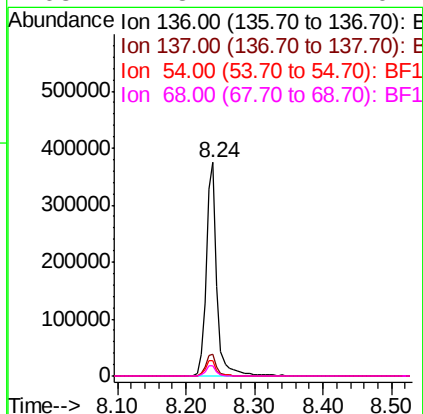
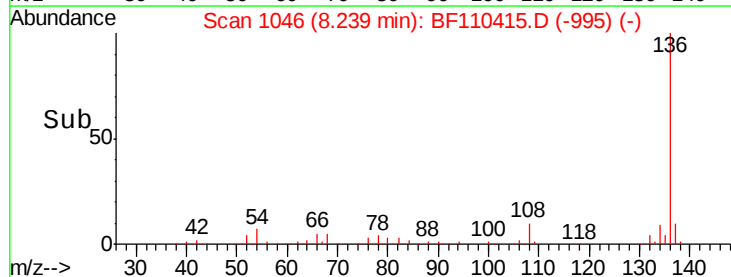
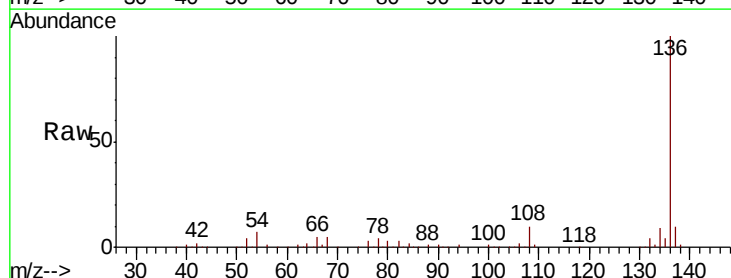
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 61092
Ion Ratio Lower Upper
70 100
42 49.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110415.D
Acq: 2 Nov 2018 16:47

Tgt Ion: 136 Resp: 412686
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 7.2 5.4 8.2
68 4.8 4.2 6.2





#23

Nitrobenzene-d5

Concen: 66.224 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110415.D

Acq: 2 Nov 2018 16:47

Instrument :

BNA_F

ClientSampled :

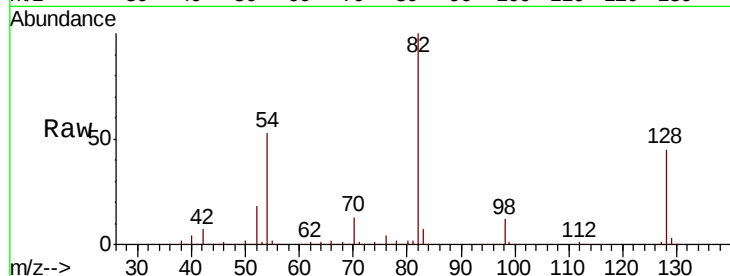
Tot Ion: 82 Resp: 460773

Ion Ratio Lower Upper

82 100

128 45.1 34.2 51.2

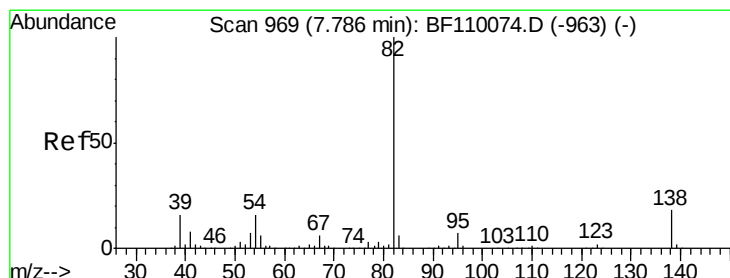
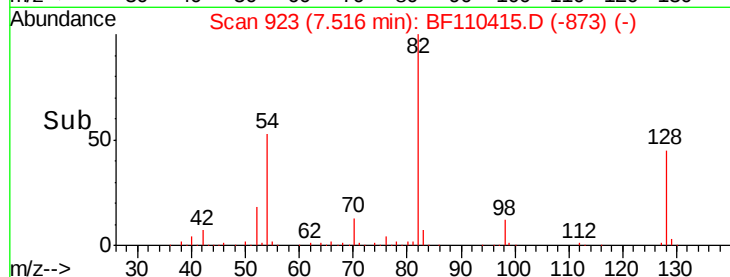
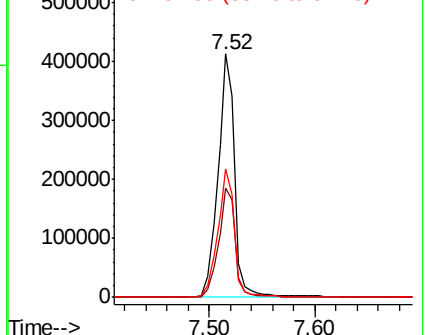
54 52.5 38.6 58.0



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: 38.850 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.26 min

Lab File: BF110415.D

Acq: 2 Nov 2018 16:47

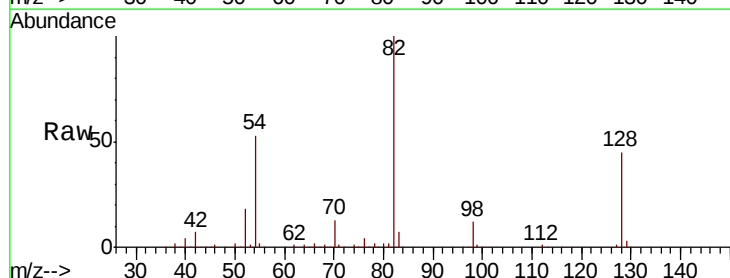
Tgt Ion: 82 Resp: 460768

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

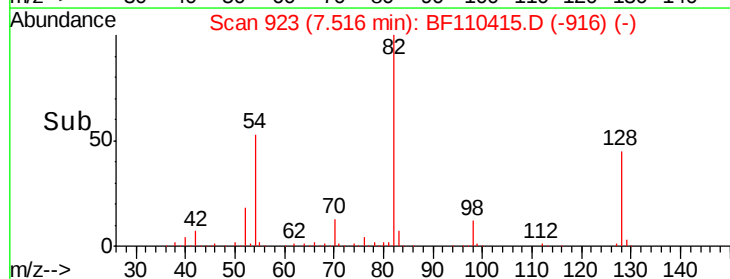
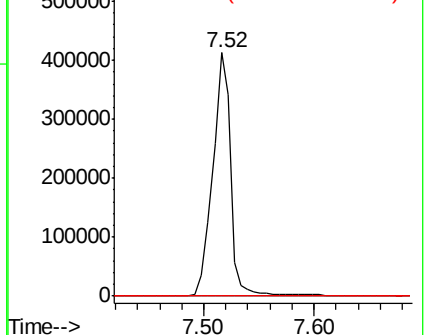
138 0.0 13.2 19.8#



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: BF110415.D

Acq: 2 Nov 2018 16:47

Instrument :

BNA_F

ClientSampled :

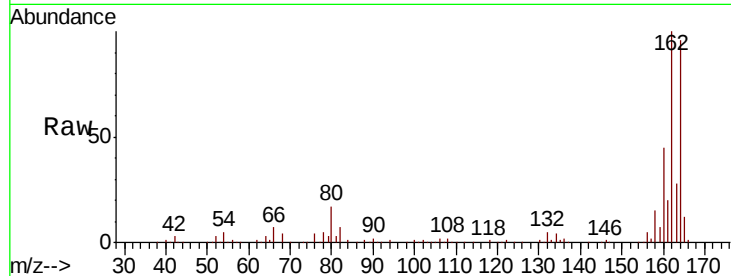
Tot Ion:164 Resp: 199374

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.6

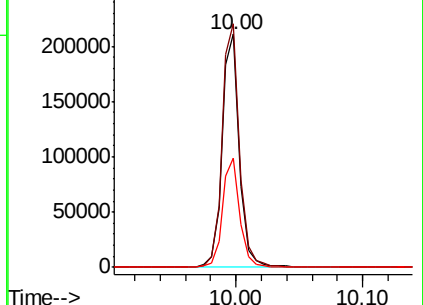
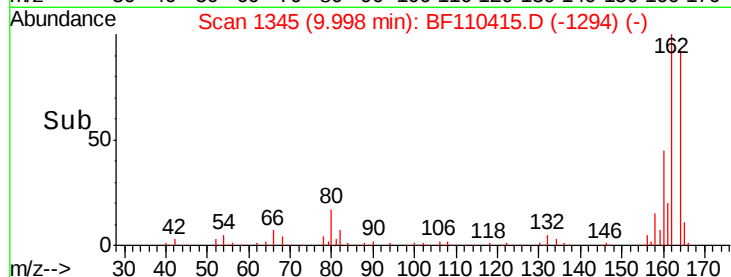
160 46.6 37.0 55.6



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: 76.266 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110415.D

Acq: 2 Nov 2018 16:47

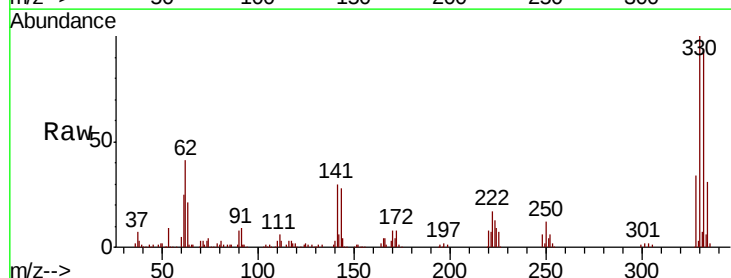
Tgt Ion:330 Resp: 150621

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

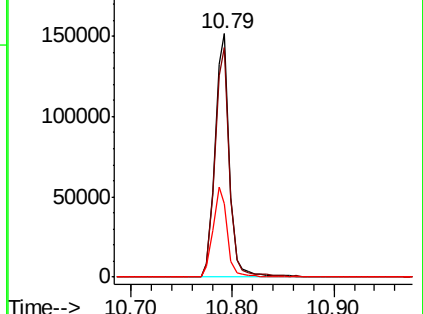
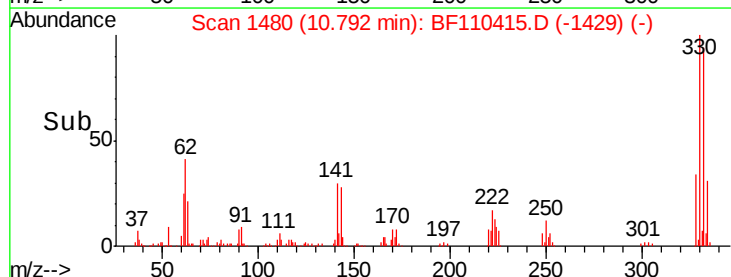
141 36.8 27.0 40.4



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

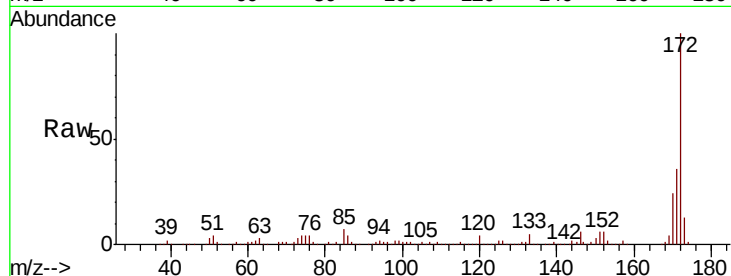




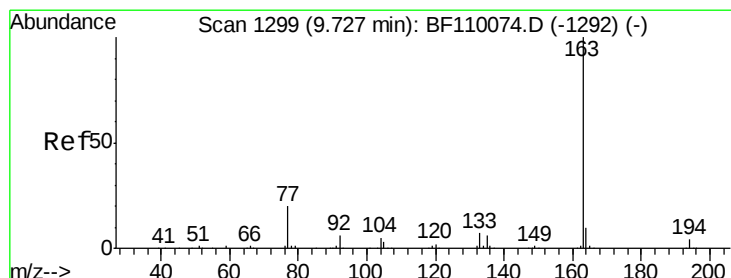
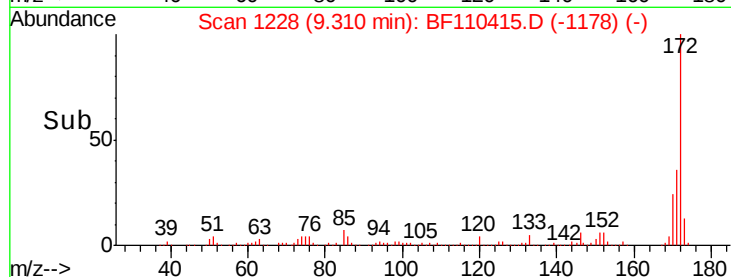
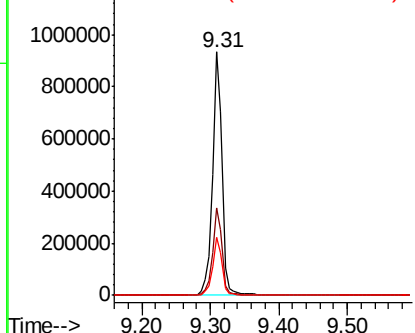
#45
2-Fluorobiphenyl
Concen: 70.587 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110415.D
Acq: 2 Nov 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 896240
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.9 19.7 29.5

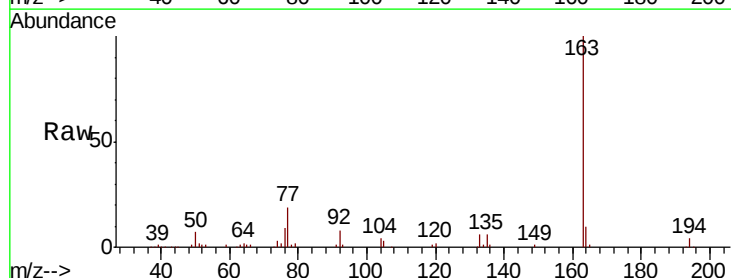


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

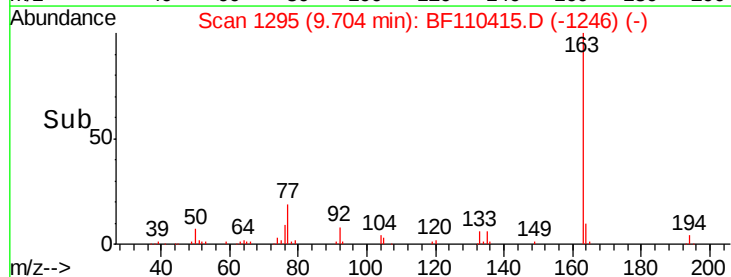
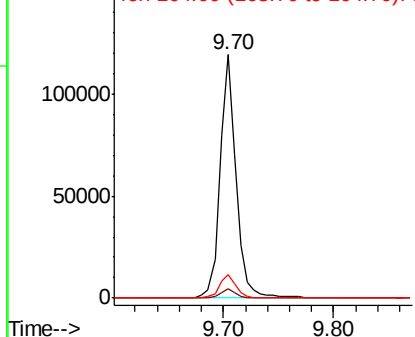


#50
Dimethylphthalate
Concen: 8.194 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110415.D
Acq: 2 Nov 2018 16:47

Tgt Ion:163 Resp: 120587
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

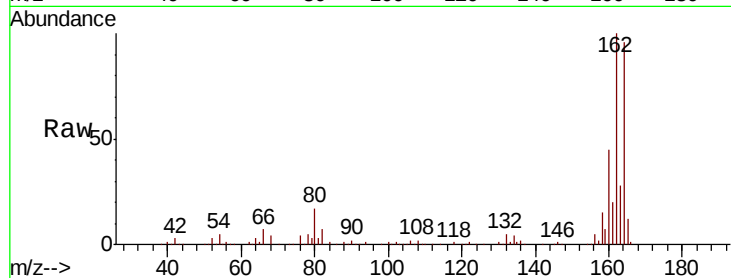




#57
 2,4-Dinitrotoluene
 Concen: 6.153 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110415.D
 Acq: 2 Nov 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#



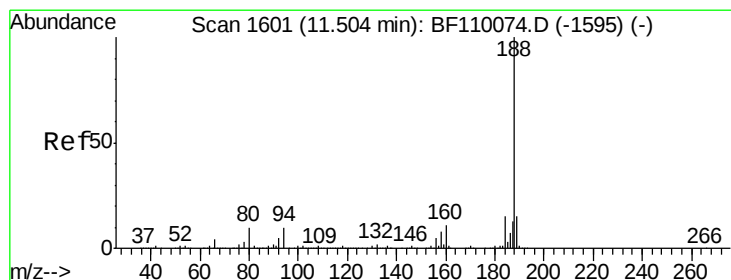
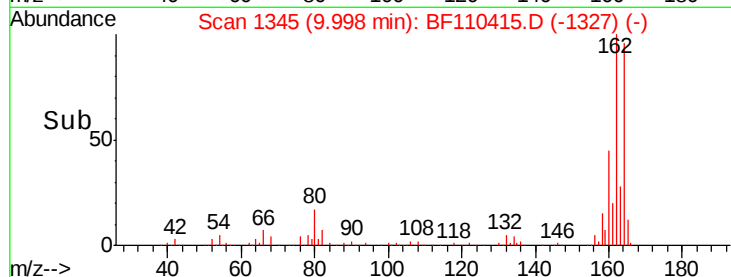
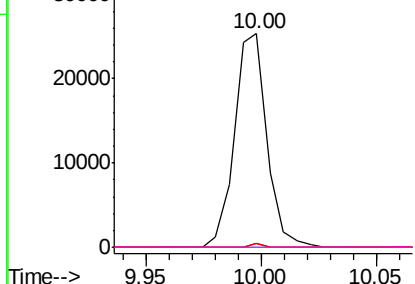
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

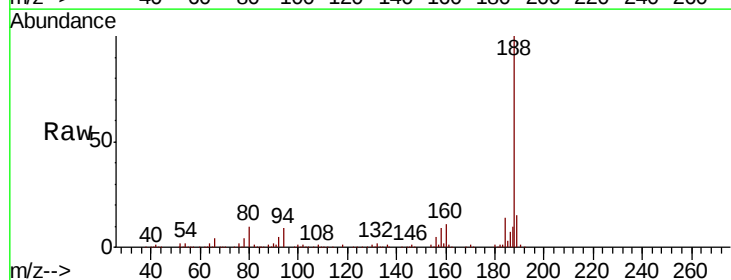
Ion 89.00 (88.70 to 89.70): BF1

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: BF110415.D
 Acq: 2 Nov 2018 16:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.3	7.9	11.9

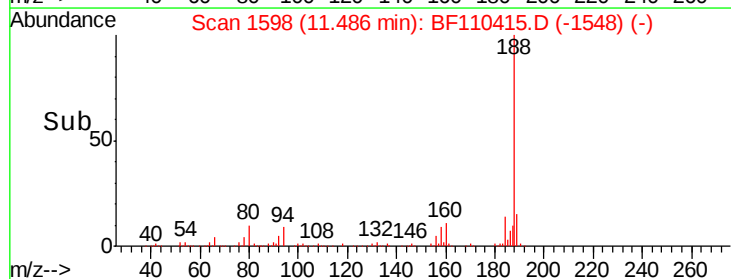
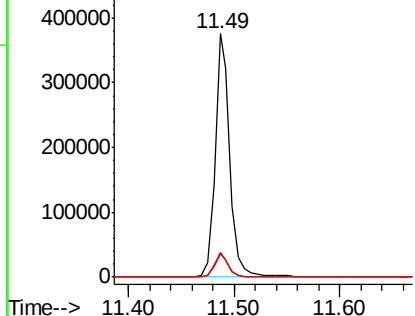


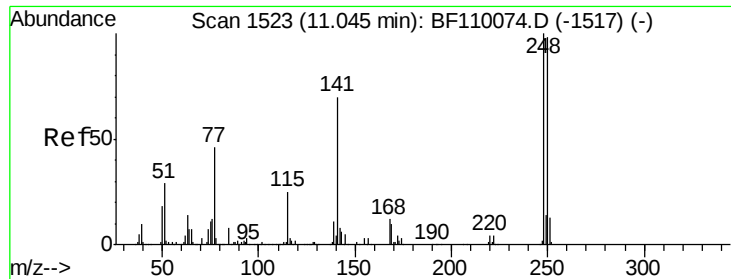
Abundance

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

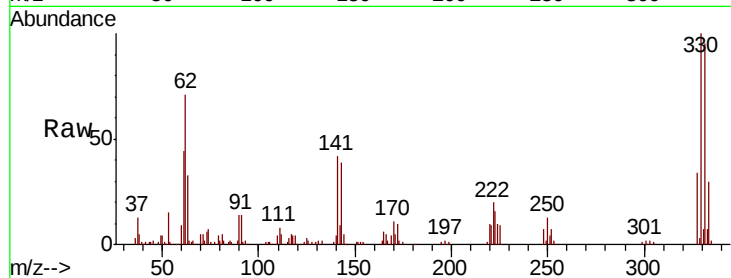




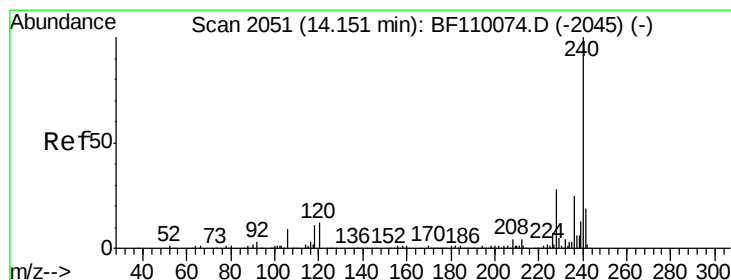
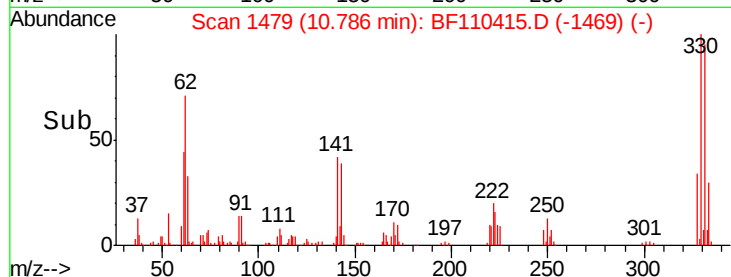
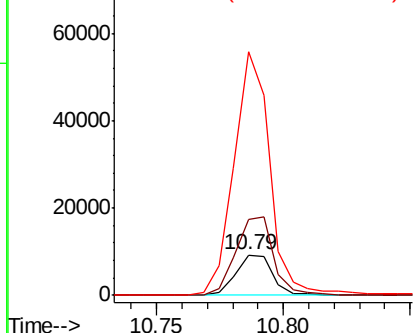
#67
4-Bromophenyl-phenylether
Concen: 2.372 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110415.D
Acq: 2 Nov 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9437
Ion Ratio Lower Upper
248 100
250 186.7 79.4 119.2#
141 598.4 55.9 83.9#

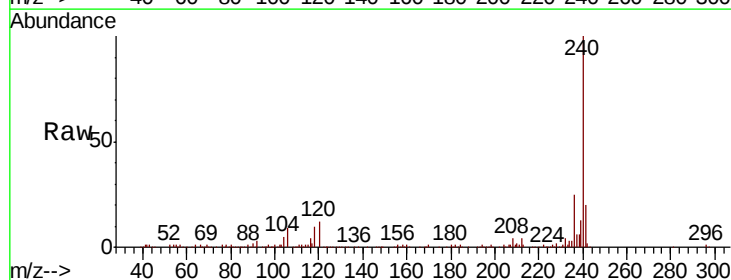


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

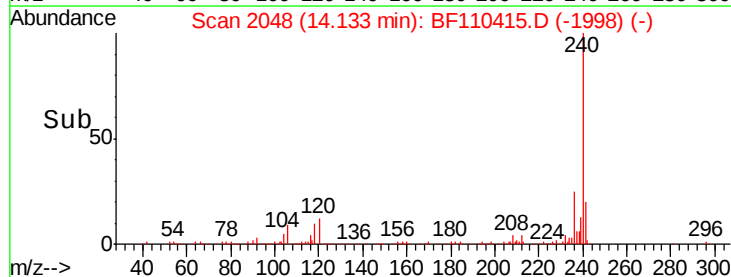
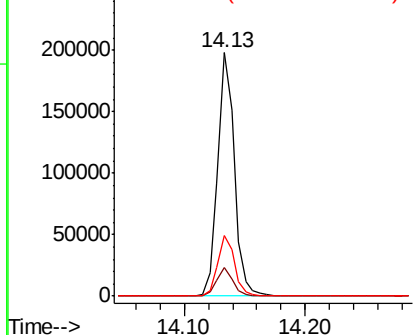


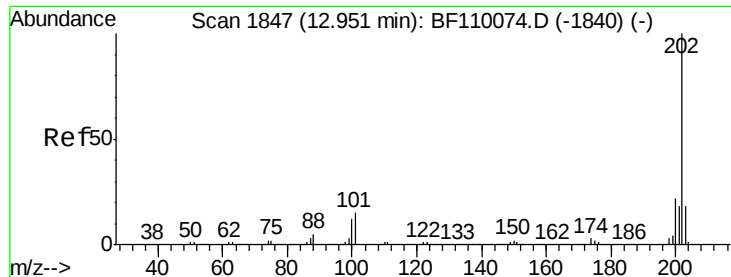
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110415.D
Acq: 2 Nov 2018 16:47

Tgt Ion:240 Resp: 186427
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 24.6 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

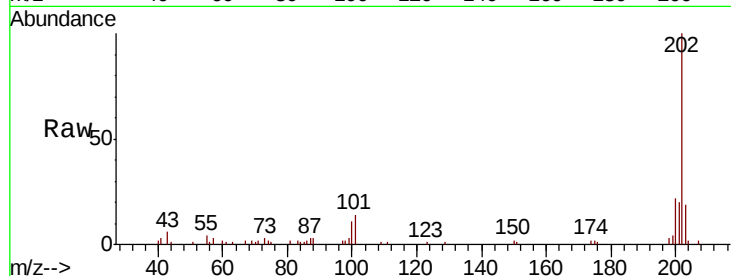




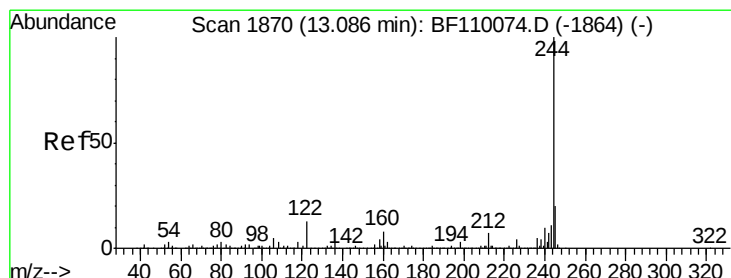
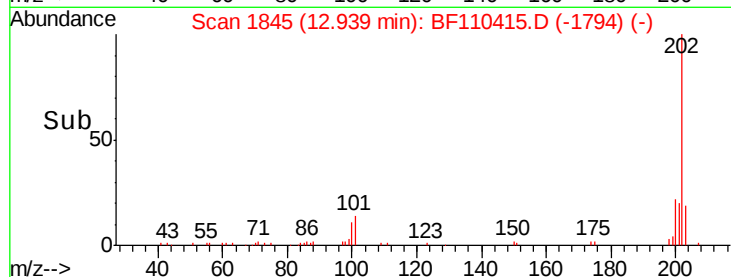
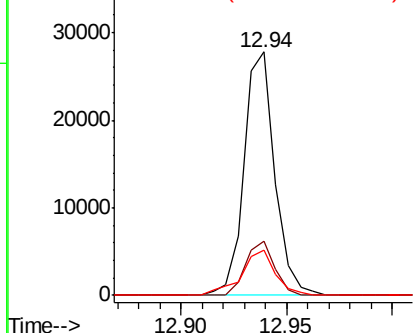
#78
Pvrene
Concen: 2.090 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110415.D
Acq: 2 Nov 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 27934
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.6
203 18.6 14.2 21.4

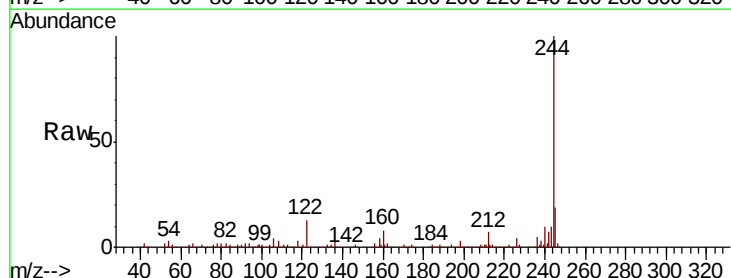


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

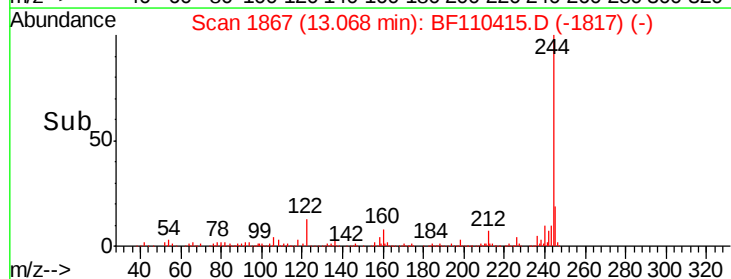
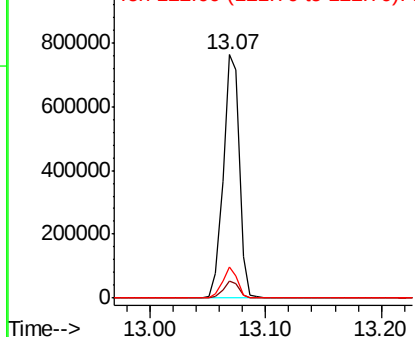


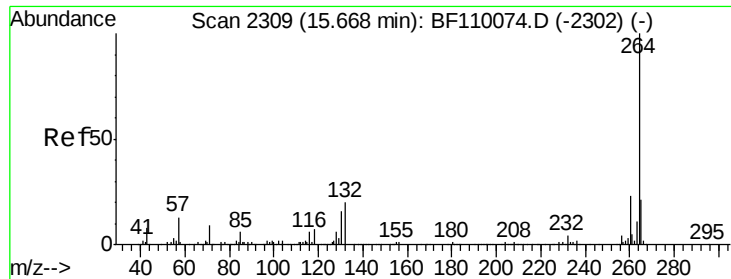
#79
Terphenyl-d14
Concen: 82.245 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110415.D
Acq: 2 Nov 2018 16:47

Tgt Ion:244 Resp: 737248
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 13.1 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



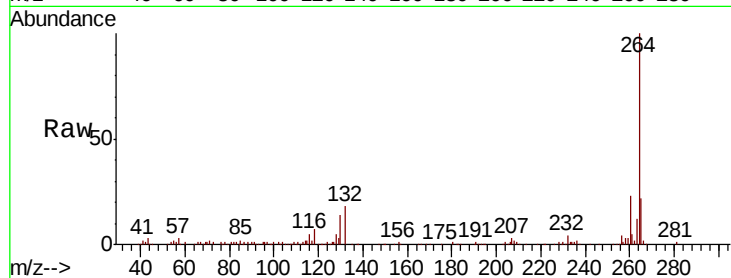


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110415.D
Acq: 2 Nov 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 177172

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.6	16.7	25.1



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

