

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111520.D
 Acq On : 16 Dec 2018 20:47
 Operator : JU/SJ
 Sample : J6340-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02A

Quant Time: Dec 17 06:45:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

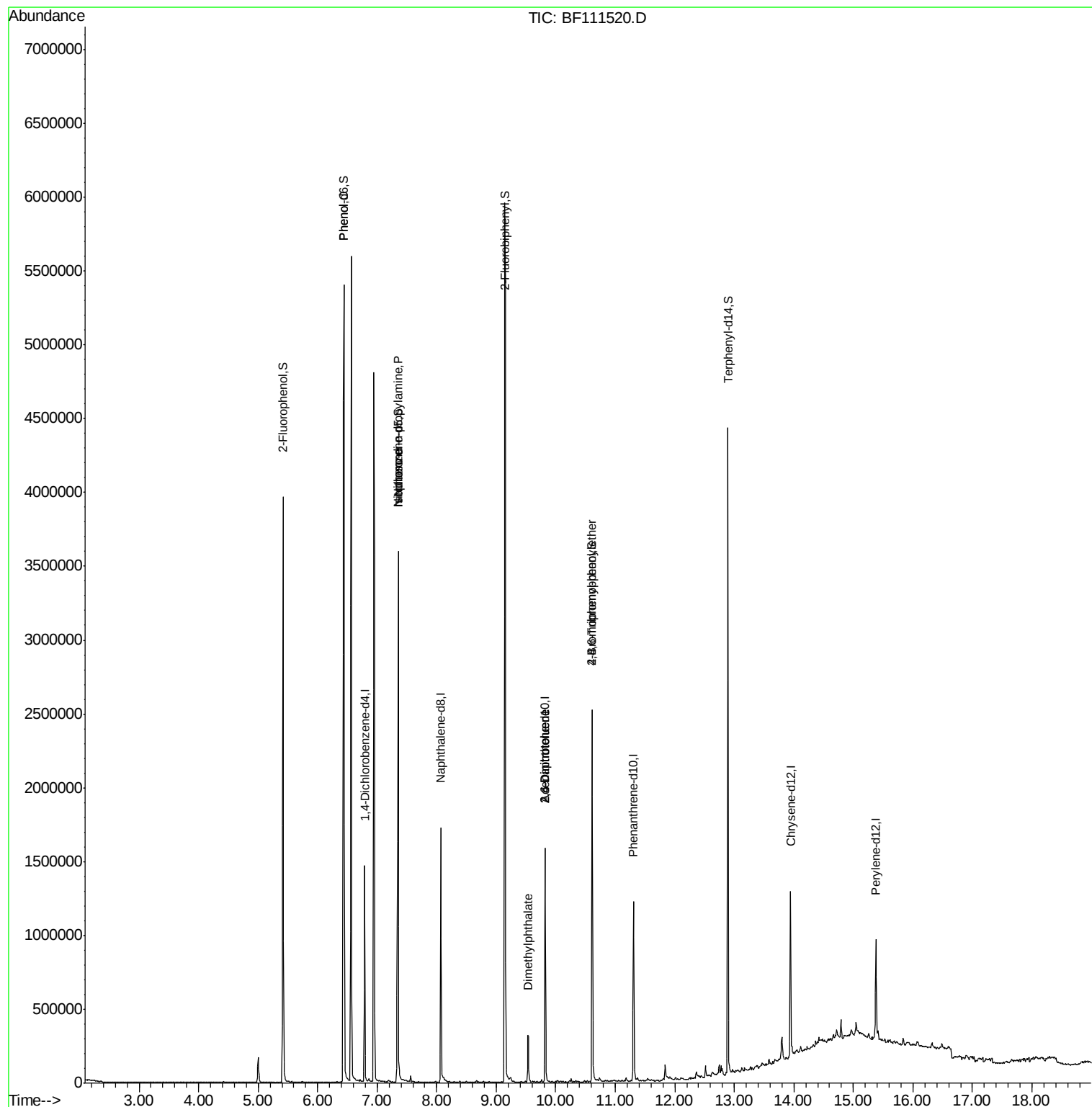
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	200822	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	782566	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	325202	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	451806	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	409787	20.00	ng	0.00
87) Perylene-d12	15.38	264	311089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1114263	92.33	ng	0.00
7) Phenol-d6	6.44	99	2018325	125.73	ng	0.00
23) Nitrobenzene-d5	7.35	82	1236024	94.05	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	286363	98.30	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2089759	99.26	ng	-0.01
79) Terphenyl-d14	12.89	244	1451972	83.20	ng	0.00
Target Compounds						
10) Phenol	6.45	94	124661	6.971	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	156359	14.764	ng	# 78
25) Isophorone	7.35	82	1236011	55.586	ng	# 64
50) Dimethylphthalate	9.54	163	143551	6.129	ng	98
51) 2,6-Dinitrotoluene	9.82	165	40357	7.655	ng	# 29
57) 2,4-Dinitrotoluene	9.82	165	40358	5.833	ng	# 24
67) 4-Bromophenyl-phenylether	10.61	248	18164	3.730	ng	# 1

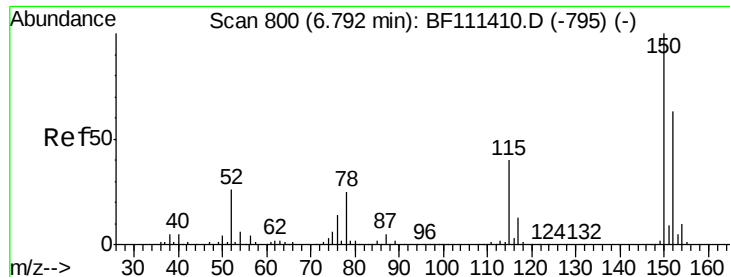
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
Data File : BF111520.D
Acq On : 16 Dec 2018 20:47
Operator : JU/SJ
Sample : J6340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02A

Quant Time: Dec 17 06:45:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



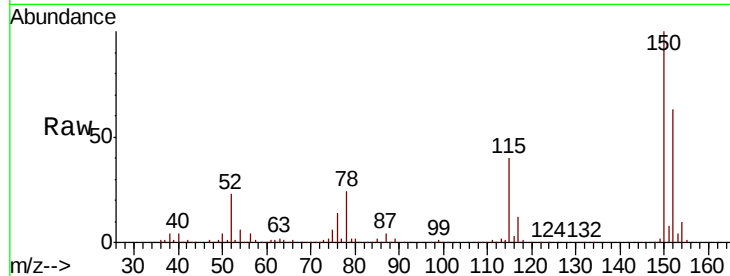


#1

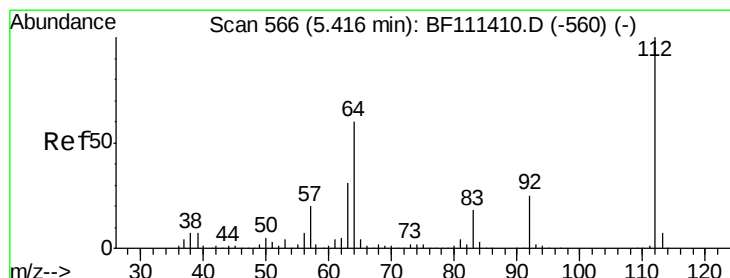
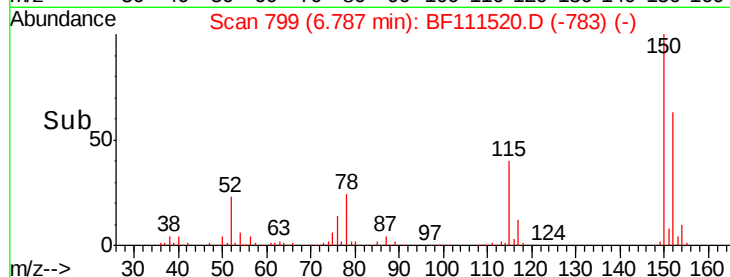
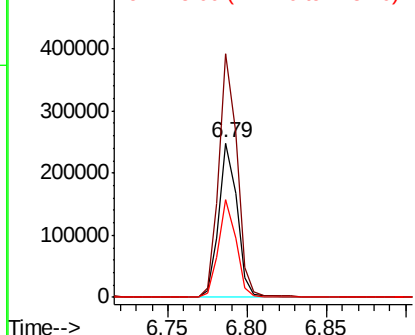
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111520.D
 Acq: 16 Dec 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-02A

Tgt Ion:152 Resp: 200822
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.6 189.8
 115 63.0 50.7 76.1



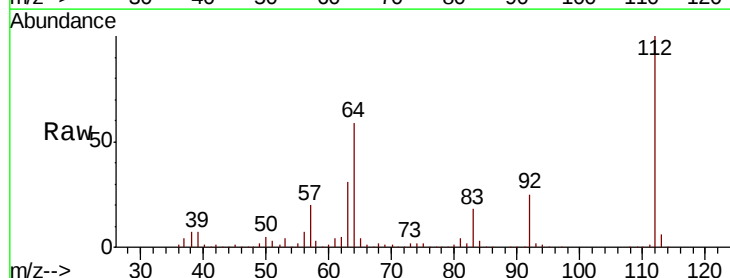
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



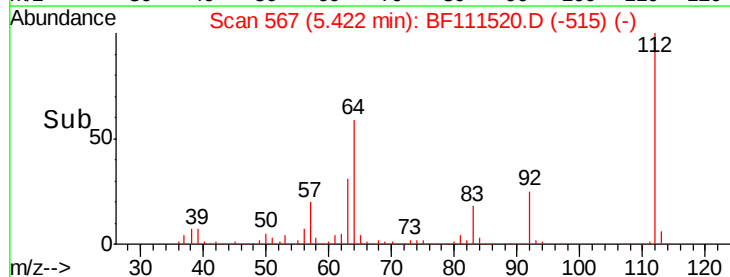
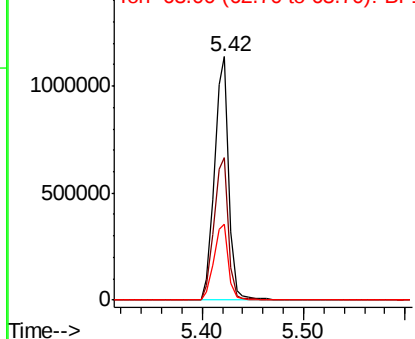
#5

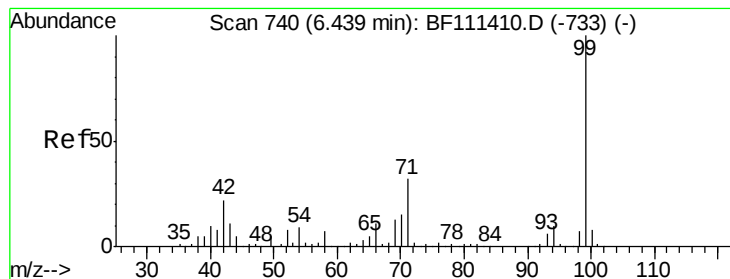
2-Fluorophenol
 Concen: 92.331 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF111520.D
 Acq: 16 Dec 2018 20:47

Tgt Ion:112 Resp: 1114263
 Ion Ratio Lower Upper
 112 100
 64 58.6 51.8 77.6
 63 31.2 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: 125.730 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111520.D

Acq: 16 Dec 2018 20:47

Instrument :

BNA_F

ClientSampleId :

SB-02A

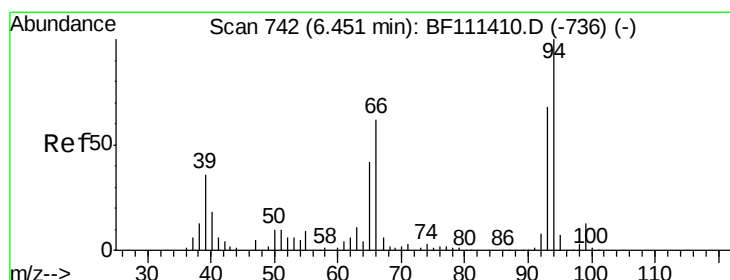
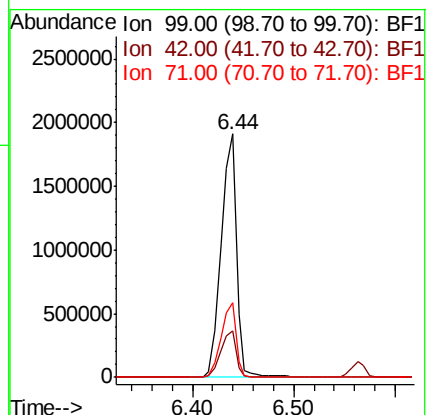
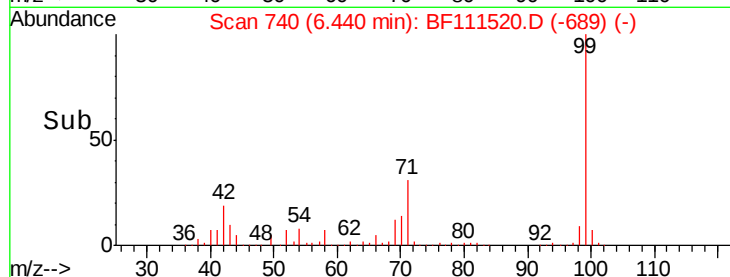
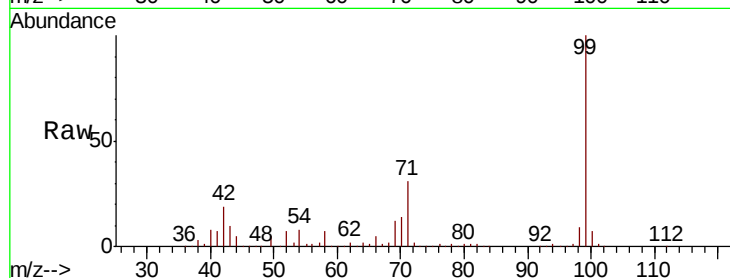
Tgt Ion: 99 Resp: 2018325

Ion Ratio Lower Upper

99 100

42 19.4 17.4 26.0

71 30.5 26.1 39.1



#10

Phenol

Concen: 6.971 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111520.D

Acq: 16 Dec 2018 20:47

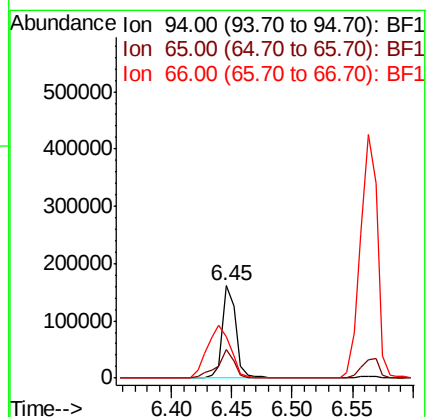
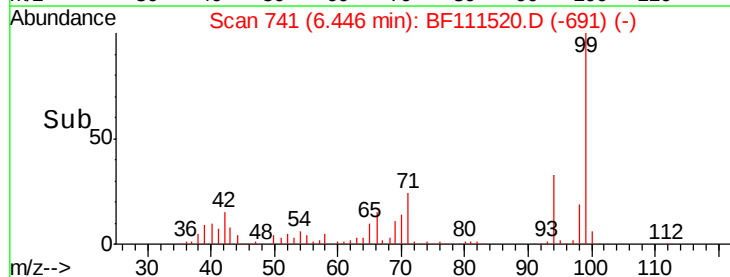
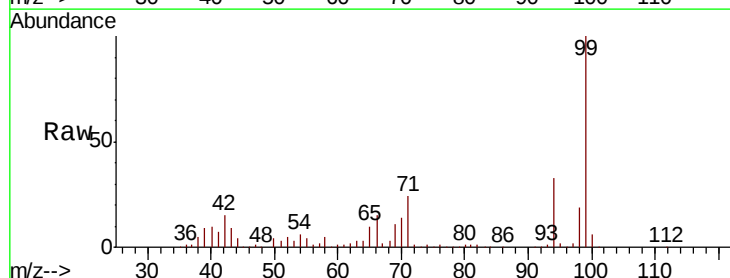
Tgt Ion: 94 Resp: 124661

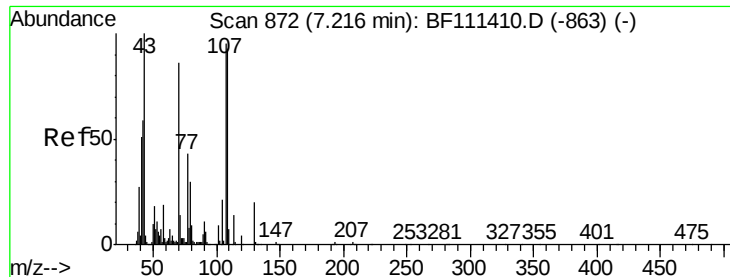
Ion Ratio Lower Upper

94 100

65 30.6 11.7 51.7

66 44.9 21.0 61.0

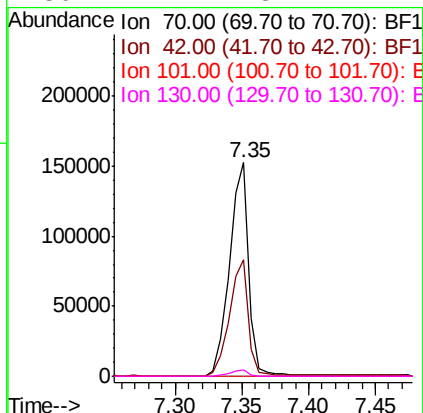
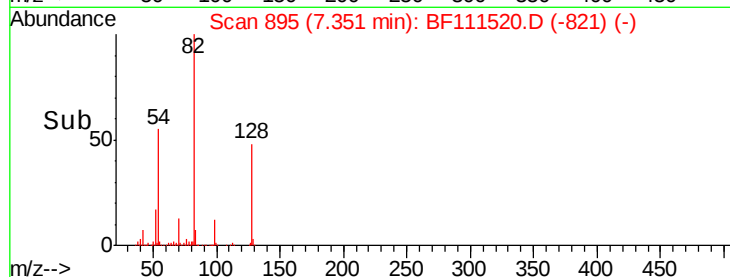
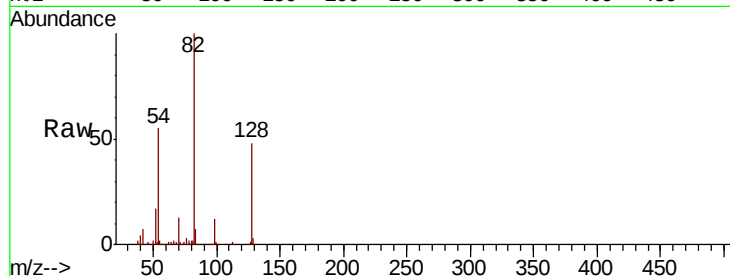




#19
n-Nitroso-di-n-propylamine
Concen: 14.764 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111520.D
Acq: 16 Dec 2018 20:47

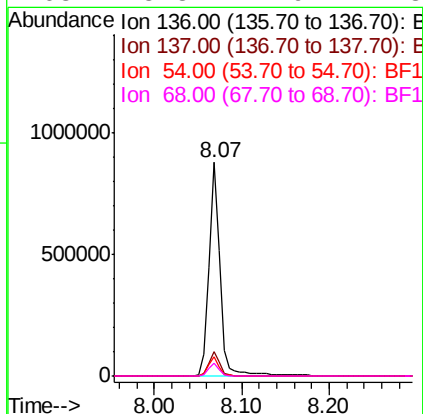
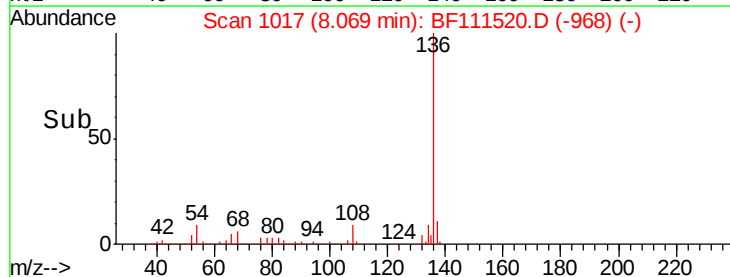
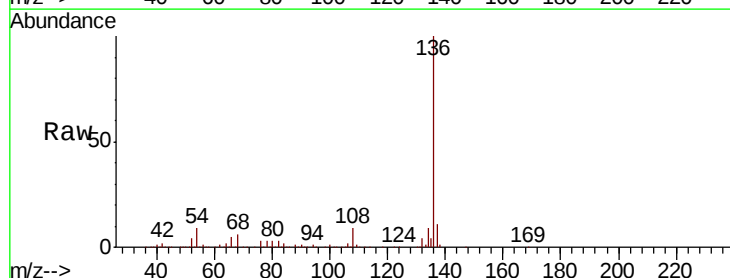
Instrument :
BNA_F
ClientSampleId :
SB-02A

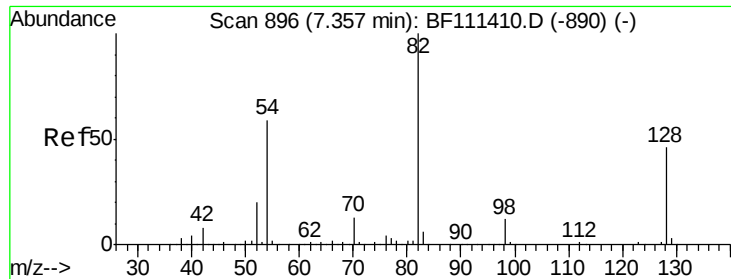
Tgt Ion: 70 Resp: 156359
Ion Ratio Lower Upper
70 100
42 54.3 53.2 79.8
101 0.0 8.2 12.4#
130 2.7 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111520.D
Acq: 16 Dec 2018 20:47

Tgt Ion: 136 Resp: 782566
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.9 7.7 11.5
68 5.8 4.9 7.3

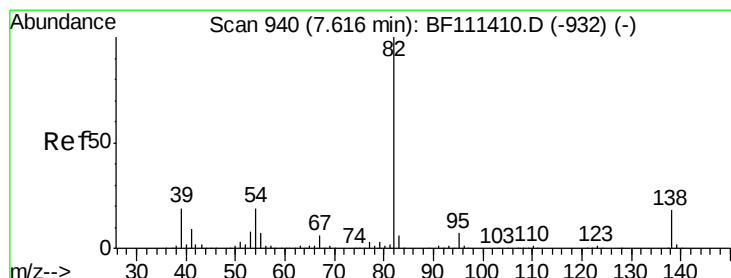
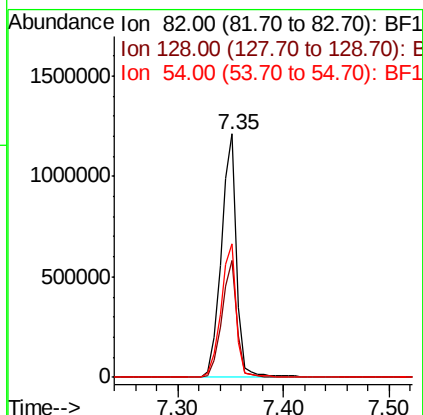
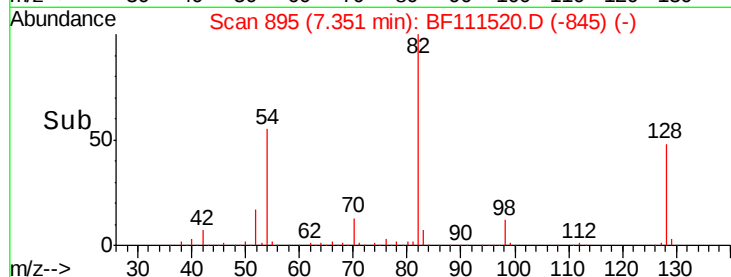
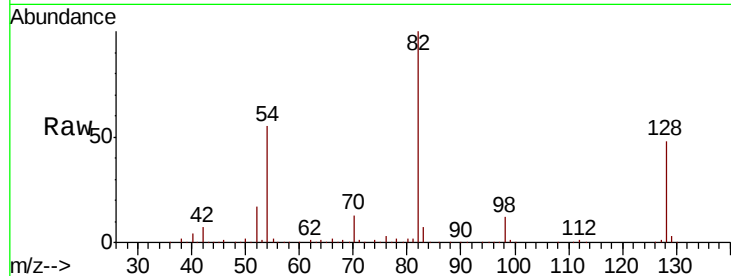




#23
 Nitrobenzene-d5
 Concen: 94.054 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111520.D
 Acq: 16 Dec 2018 20:47

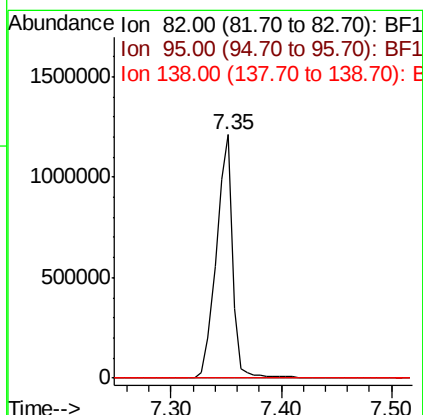
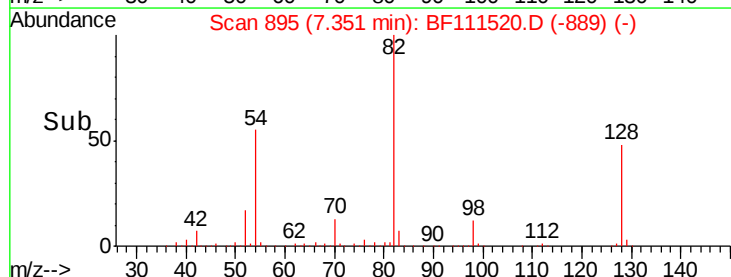
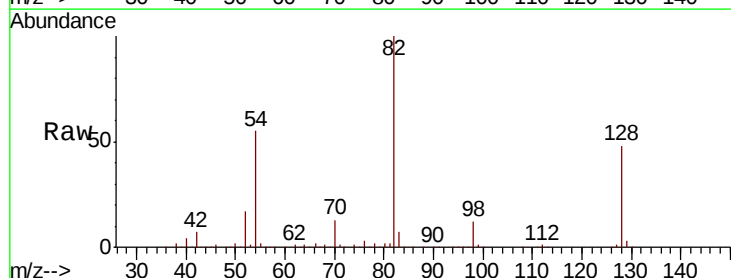
Instrument :
 BNA_F
 ClientSampleId :
 SB-02A

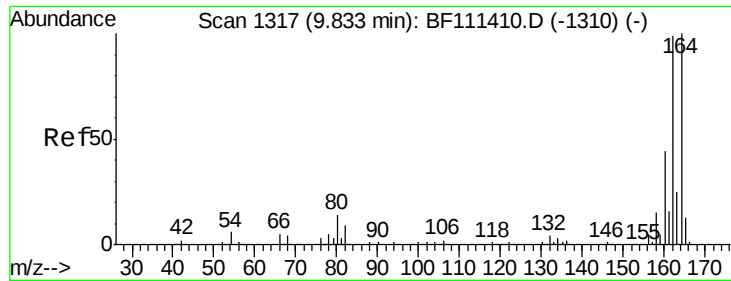
Tgt Ion: 82 Resp: 1236024
 Ion Ratio Lower Upper
 82 100
 128 48.0 37.4 56.2
 54 55.1 47.6 71.4



#25
 Isophorone
 Concen: 55.586 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.26 min
 Lab File: BF111520.D
 Acq: 16 Dec 2018 20:47

Tgt Ion: 82 Resp: 1236011
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#

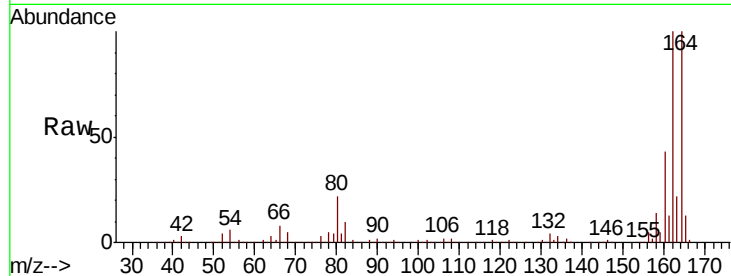




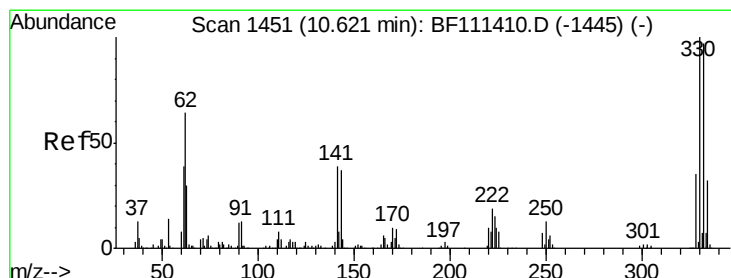
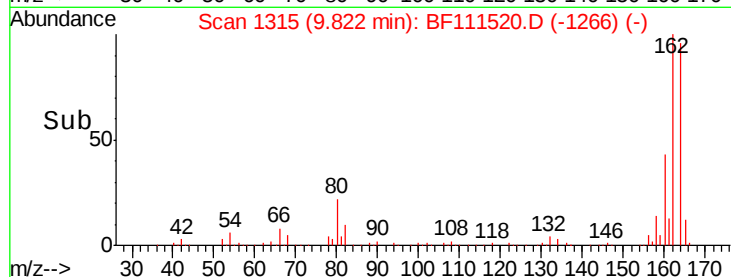
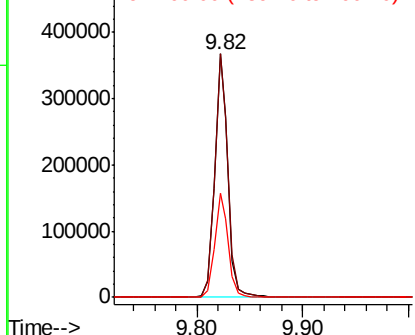
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111520.D
Acq: 16 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
SB-02A

Tgt Ion:164 Resp: 325202
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 42.9 35.7 53.5

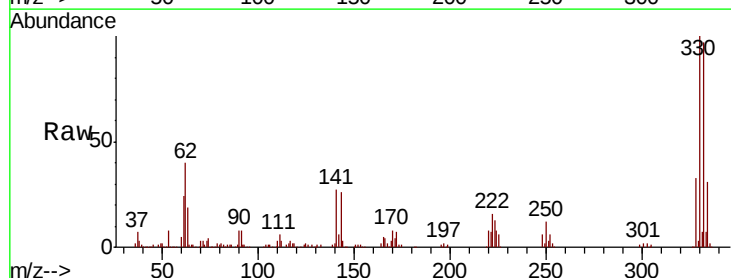


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

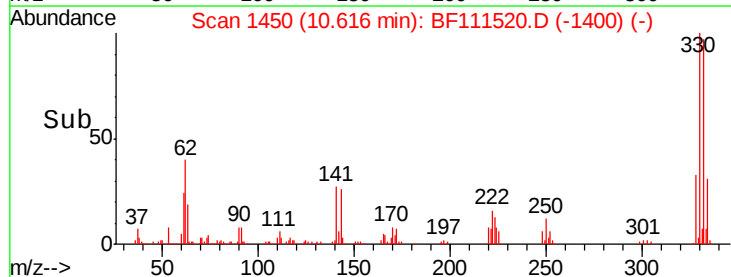
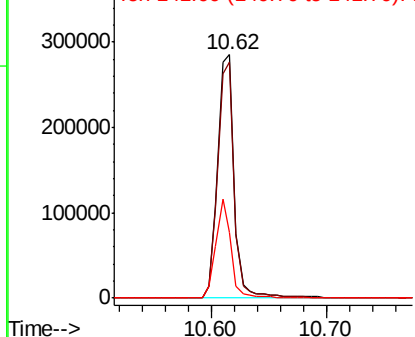


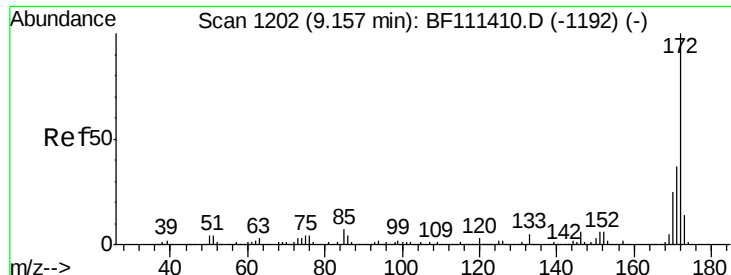
#42
2,4,6-Tribromophenol
Concen: 98.301 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111520.D
Acq: 16 Dec 2018 20:47

Tgt Ion:330 Resp: 286363
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 36.7 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

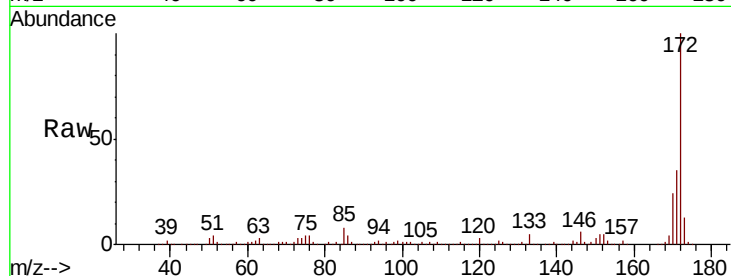




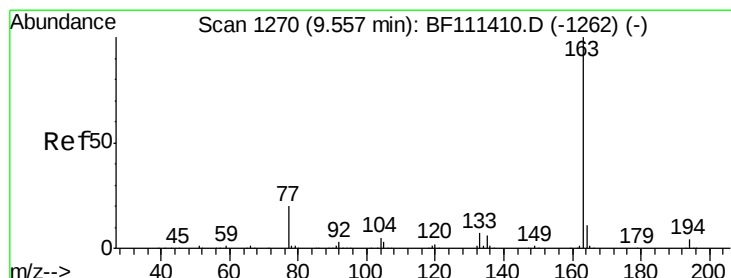
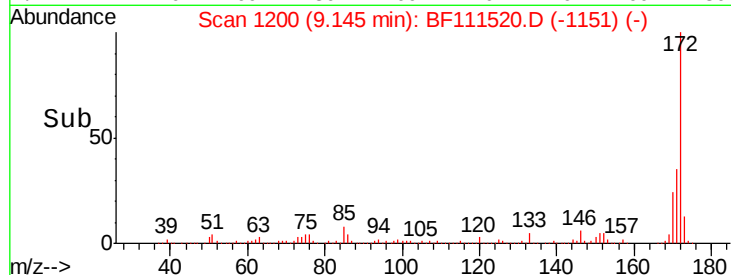
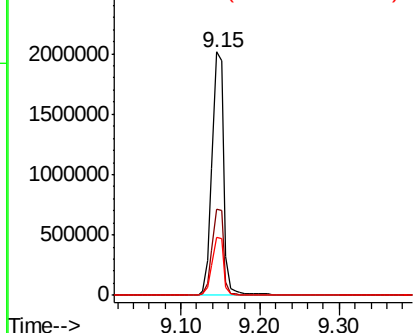
#45
 2-Fluorobiphenyl
 Concen: 99.259 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111520.D
 Acq: 16 Dec 2018 20:47

Instrument :
 BNA_F
 ClientSampled :
 SB-02A

Tgt Ion:172 Resp: 2089759
 Ion Ratio Lower Upper
 172 100
 171 35.3 33.0 49.4
 170 23.9 22.3 33.5

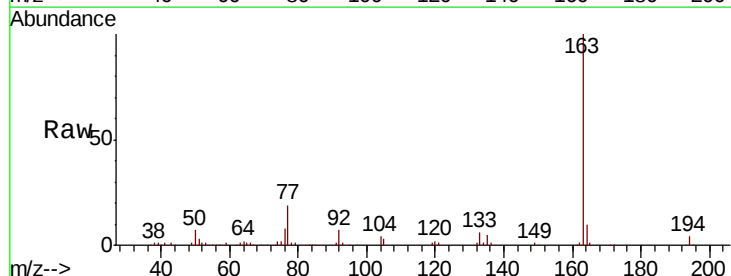


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

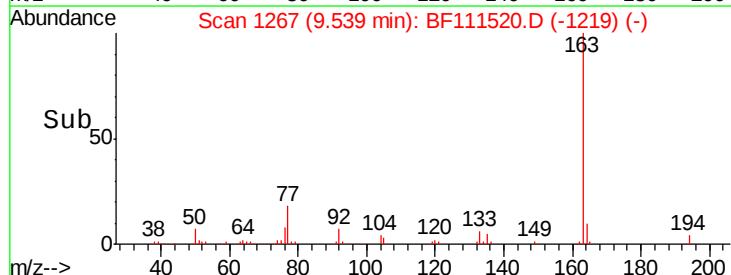
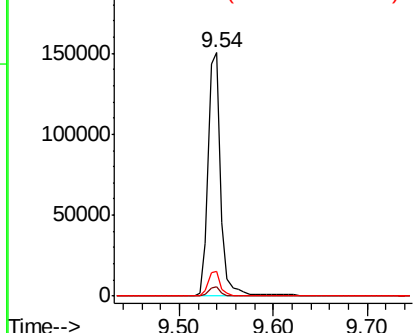


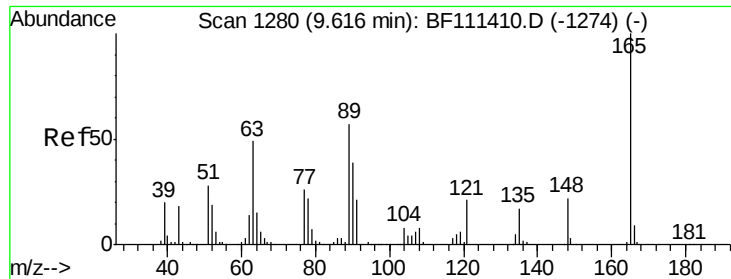
#50
 Dimethylphthalate
 Concen: 6.129 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF111520.D
 Acq: 16 Dec 2018 20:47

Tgt Ion:163 Resp: 143551
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.6
 164 10.2 8.9 13.3



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

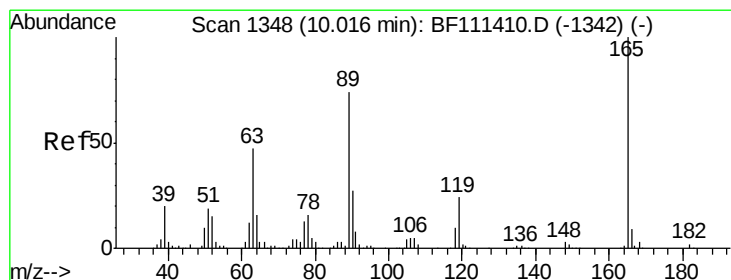
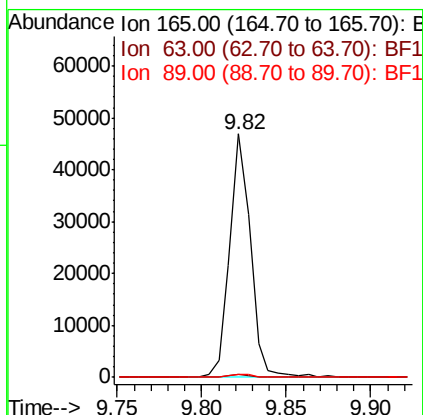
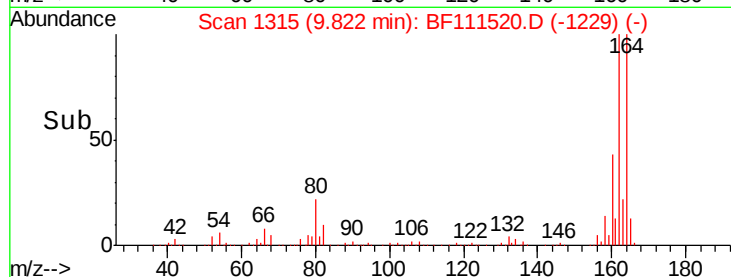
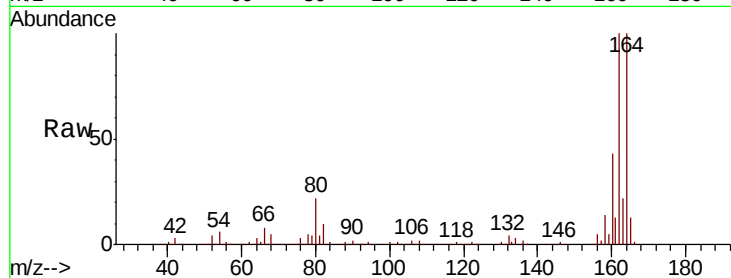




#51
2,6-Dinitrotoluene
Concen: 7.655 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF111520.D
Acq: 16 Dec 2018 20:47

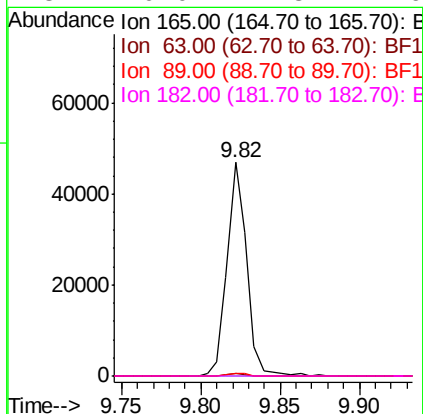
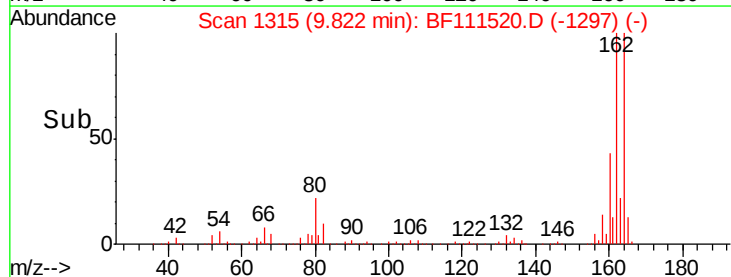
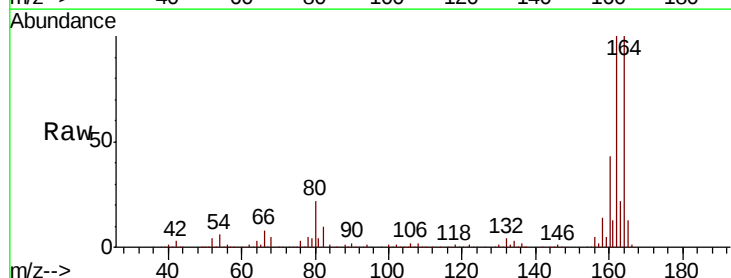
Instrument :
BNA_F
ClientSampleId :
SB-02A

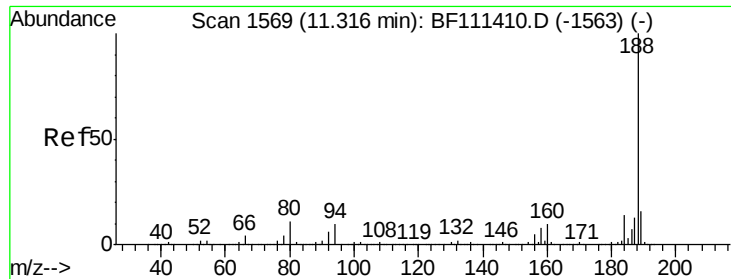
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	1.0	40.0	60.0#



#57
2,4-Dinitrotoluene
Concen: 5.833 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF111520.D
Acq: 16 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.0	56.2	84.4#
182	0.0	1.8	2.6#

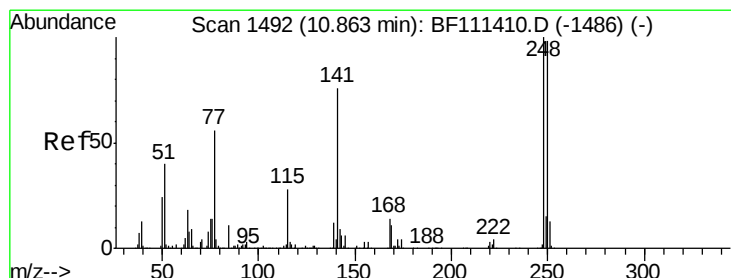
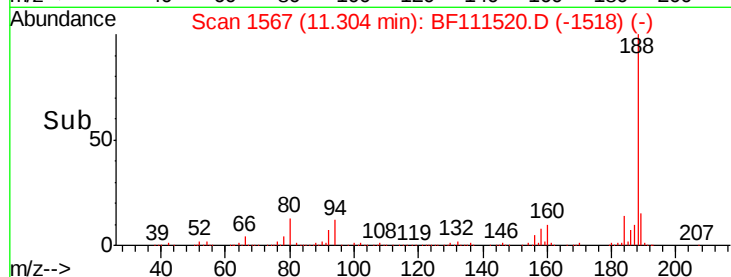
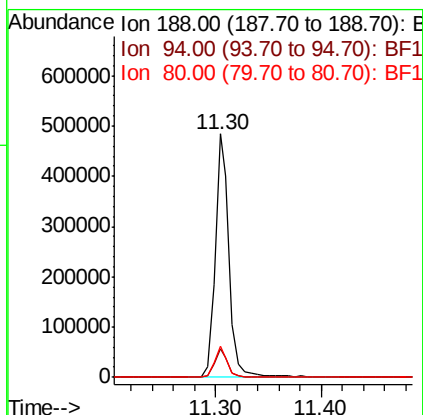
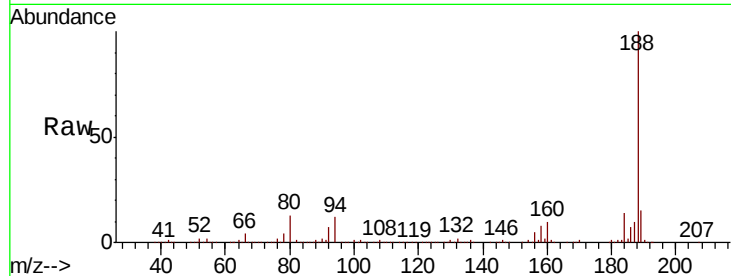




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF111520.D
 Acq: 16 Dec 2018 20:47

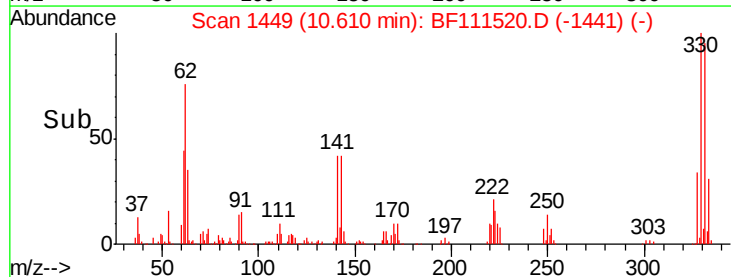
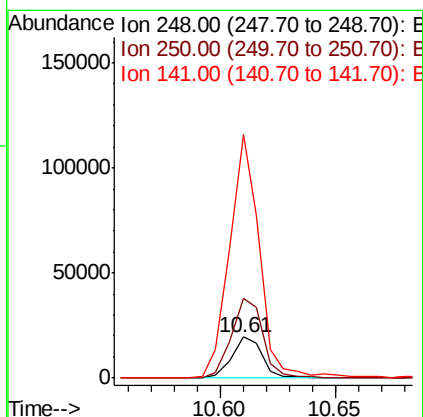
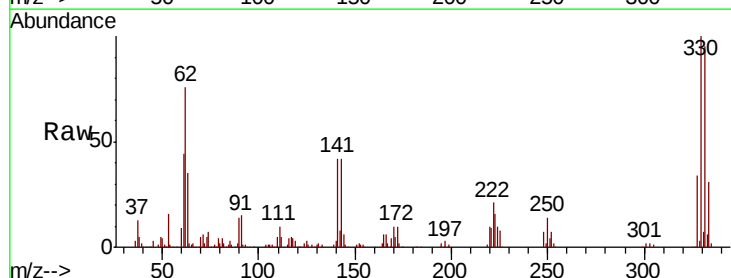
Instrument :
 BNA_F
 ClientSampleId :
 SB-02A

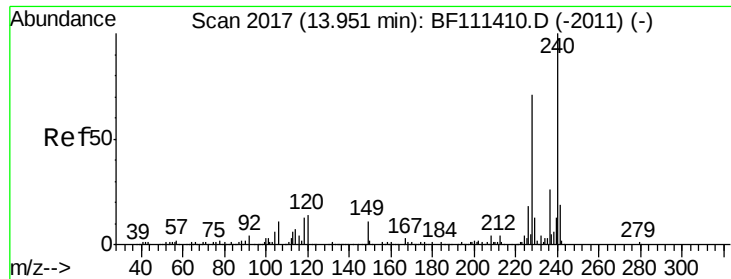
Tgt Ion:188 Resp: 451806
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.6 14.4
 80 12.6 9.8 14.6



#67
 4-Bromophenyl-phenylether
 Concen: 3.730 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.25 min
 Lab File: BF111520.D
 Acq: 16 Dec 2018 20:47

Tgt Ion:248 Resp: 18164
 Ion Ratio Lower Upper
 248 100
 250 192.5 77.0 115.4#
 141 589.7 63.0 94.6#

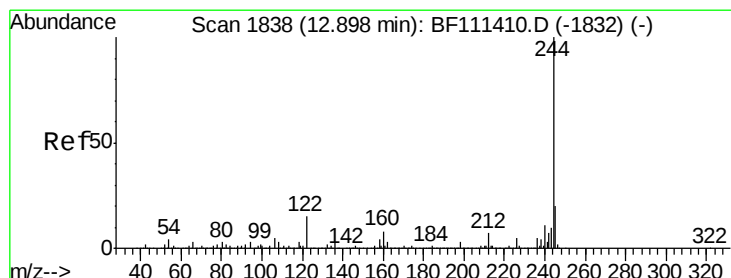
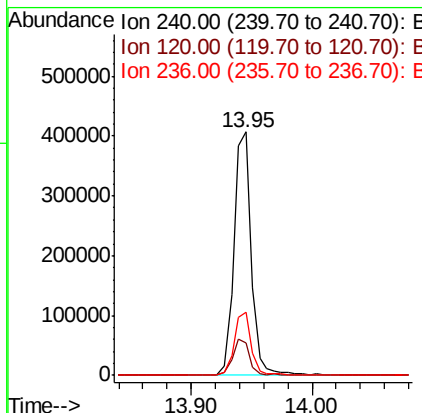
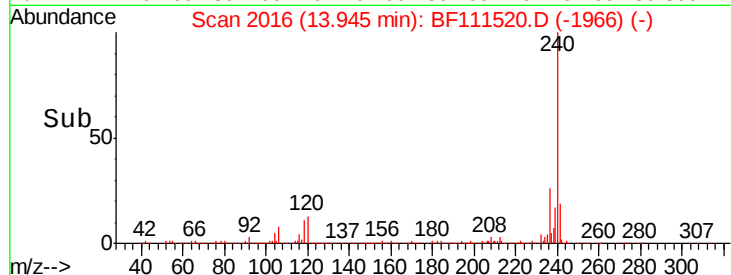
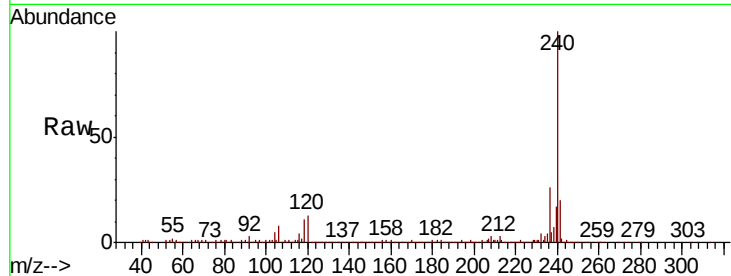




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111520.D
Acq: 16 Dec 2018 20:47

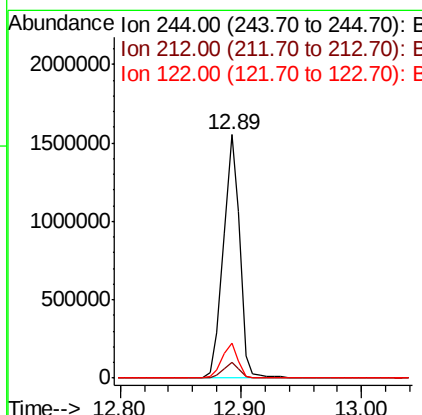
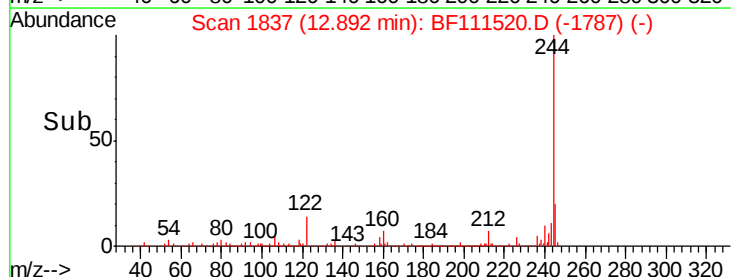
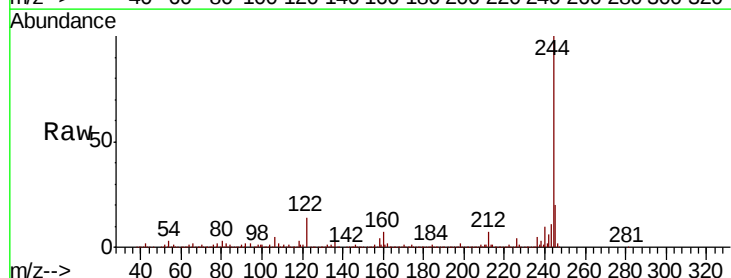
Instrument :
BNA_F
ClientSampled :
SB-02A

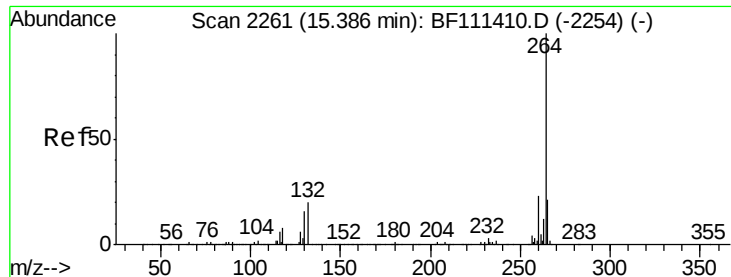
Tgt Ion:240 Resp: 409787
Ion Ratio Lower Upper
240 100
120 13.2 12.2 18.2
236 25.8 20.2 30.2



#79
Terphenyl-d14
Concen: 83.204 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111520.D
Acq: 16 Dec 2018 20:47

Tgt Ion:244 Resp: 1451972
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 14.3 13.1 19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111520.D
Acq: 16 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
SB-02A

Tgt Ion:	264	Resp:	311089
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	22.0	17.7	26.5

