

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111577.D
 Acq On : 18 Dec 2018 9:44
 Operator : JU/SJ
 Sample : PB115763BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 10:26:29 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

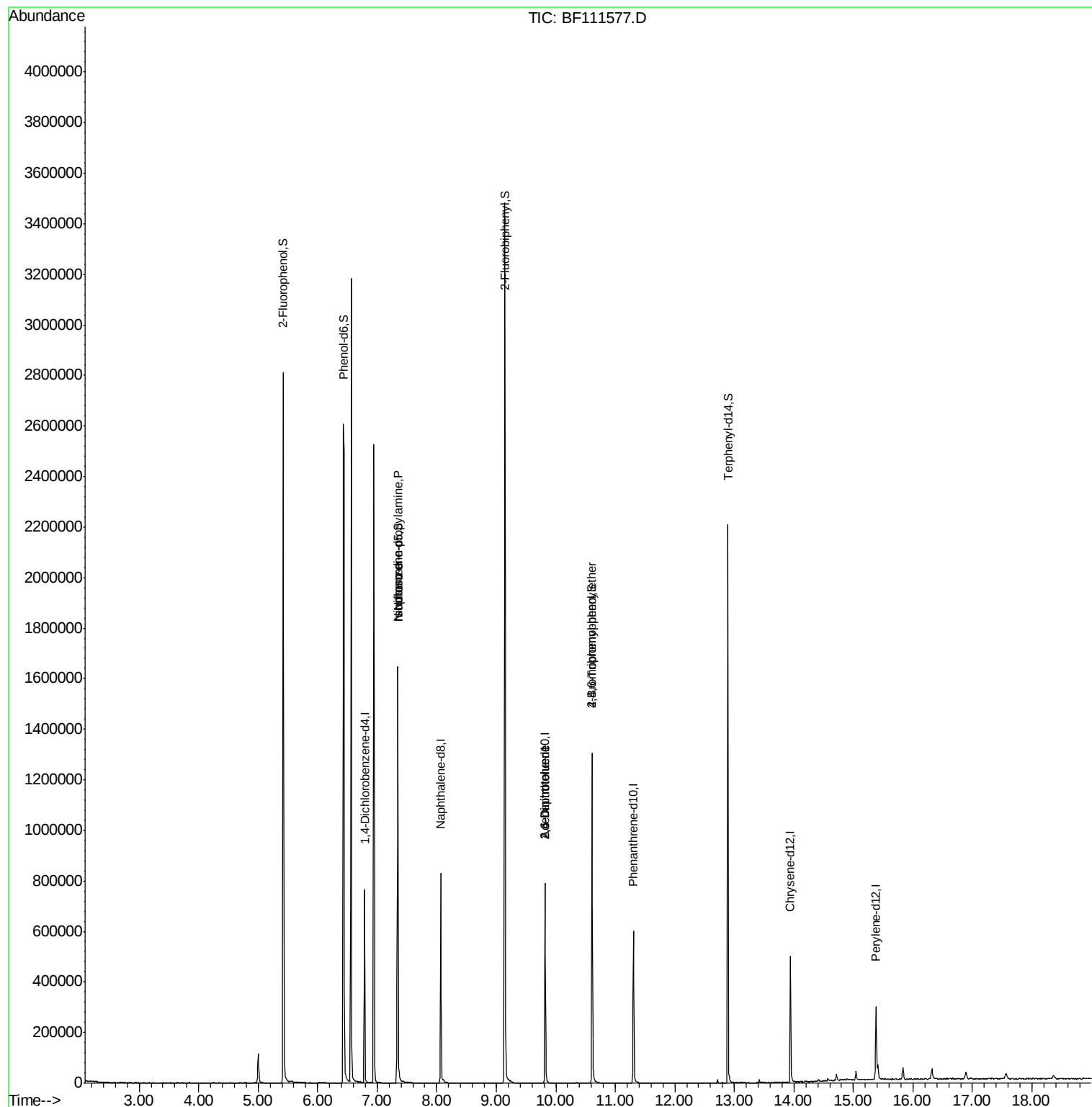
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102893	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	391827	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	163429	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	234001	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	196049	20.00	ng	-0.01
87) Perylene-d12	15.38	264	144324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	735829	119.00	ng	0.00
7) Phenol-d6	6.43	99	940777	114.38	ng	0.00
23) Nitrobenzene-d5	7.35	82	564936	85.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	141553	96.69	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1065609	100.72	ng	-0.01
79) Terphenyl-d14	12.89	244	742761	88.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	74999	13.821	ng	# 83
25) Isophorone	7.35	82	564933	50.742	ng	# 64
51) 2,6-Dinitrotoluene	9.82	165	20673	7.803	ng	# 29
57) 2,4-Dinitrotoluene	9.82	165	20673	5.945	ng	# 25
67) 4-Bromophenyl-phenylether	10.61	248	8908	3.532	ng	# 1

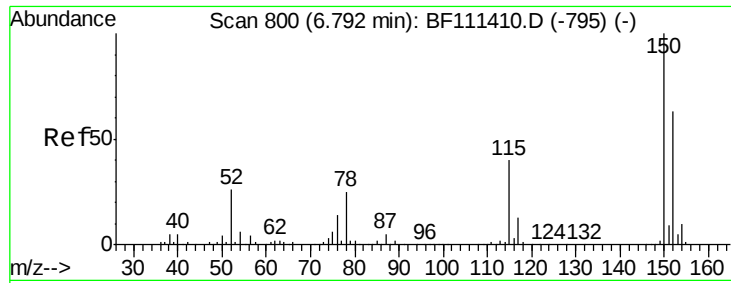
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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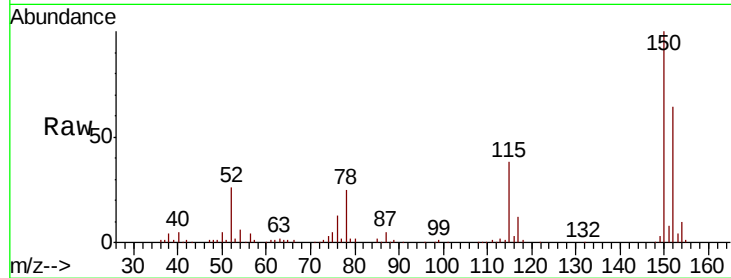


#1

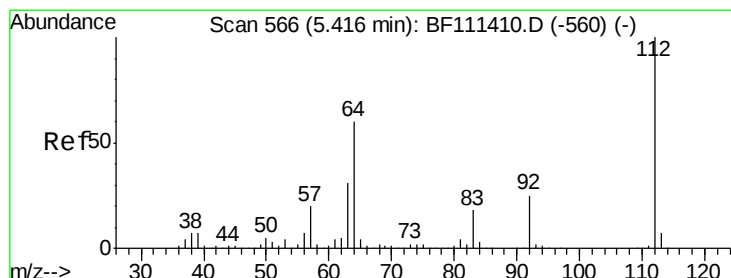
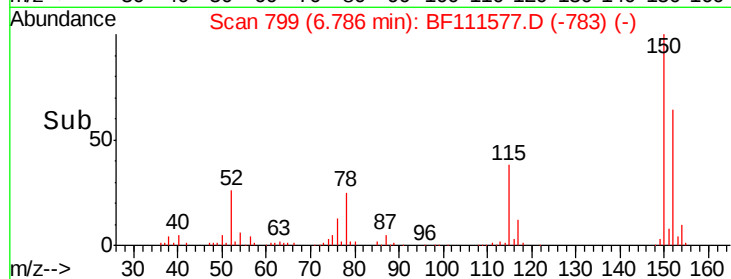
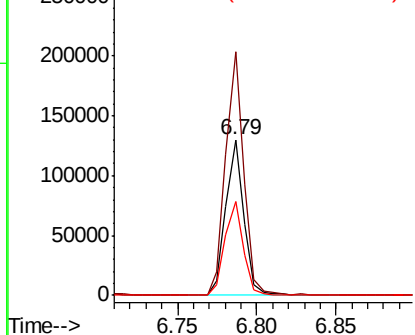
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111577.D
Acq: 18 Dec 2018 9:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 102893
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 60.2 50.7 76.1



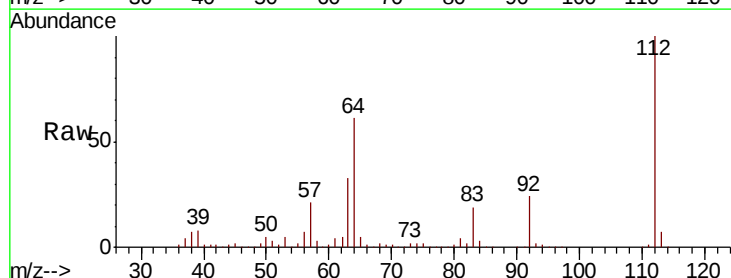
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



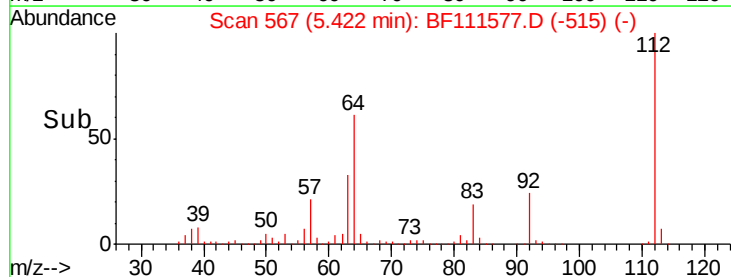
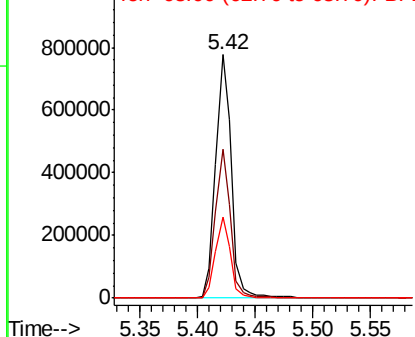
#5

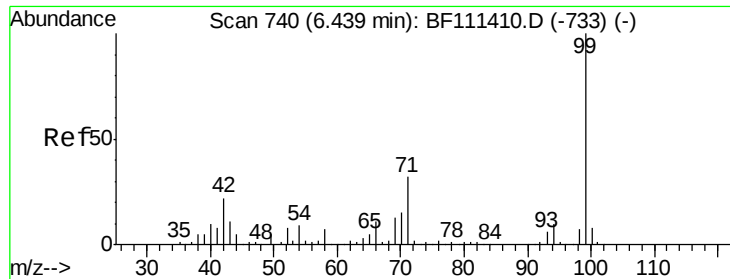
2-Fluorophenol
Concen: 119.004 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111577.D
Acq: 18 Dec 2018 9:44

Tgt Ion:112 Resp: 735829
Ion Ratio Lower Upper
112 100
64 61.3 51.8 77.6
63 33.1 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: 114.383 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111577.D

Acq: 18 Dec 2018 9:44

Instrument :

BNA_F

ClientSampled :

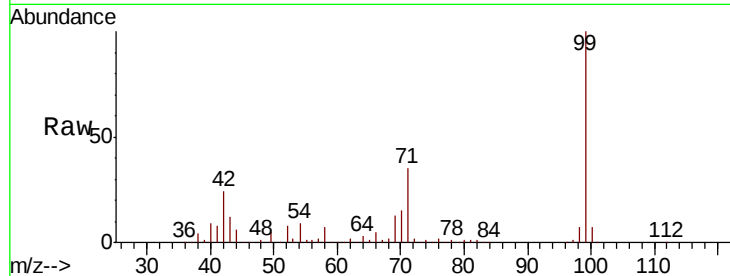
Tot Ion: 99 Resp: 940777

Ion Ratio Lower Upper

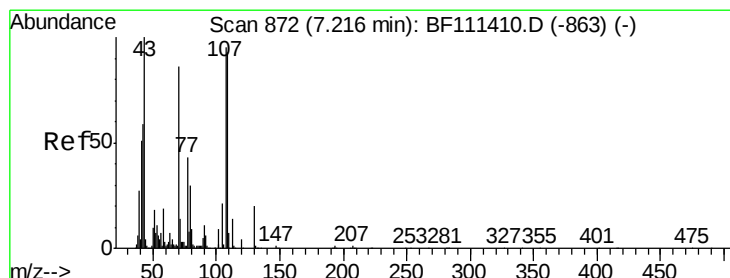
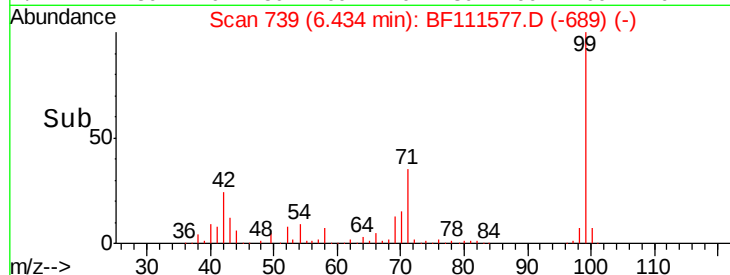
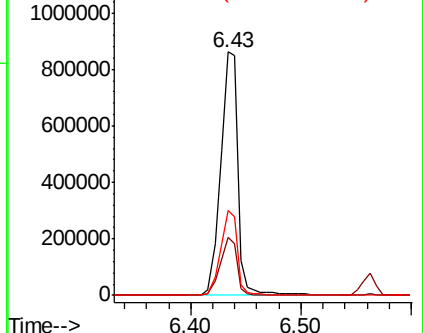
99 100

42 23.8 17.4 26.0

71 35.1 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.821 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.13 min

Lab File: BF111577.D

Acq: 18 Dec 2018 9:44

Tgt Ion: 70 Resp: 74999

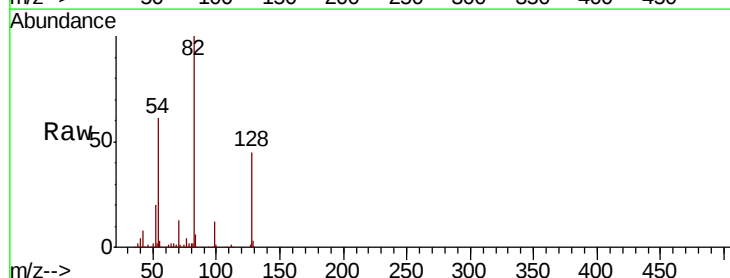
Ion Ratio Lower Upper

70 100

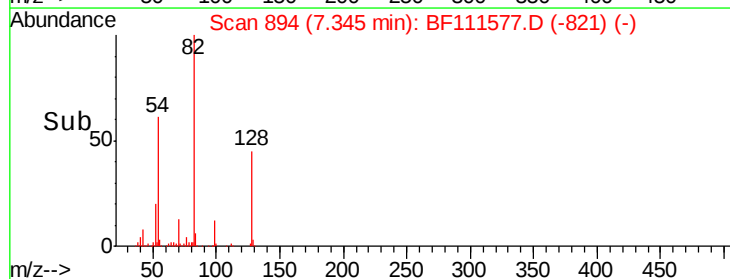
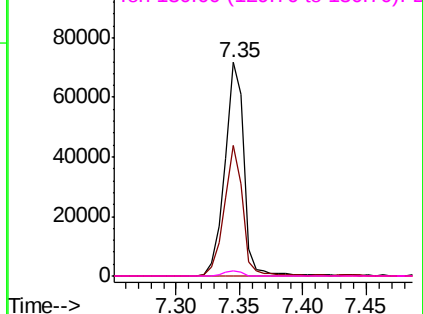
42 61.0 53.2 79.8

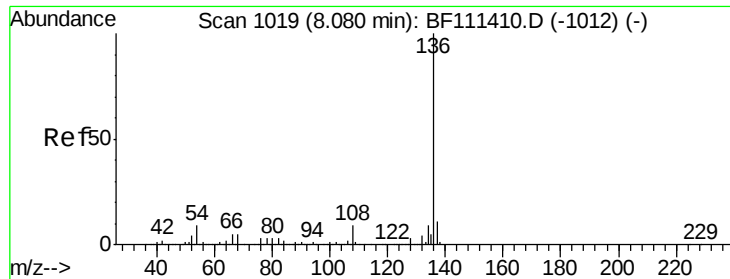
101 0.0 8.2 12.4#

130 2.6 18.1 27.1#



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): BF1
Ion 130.00 (129.70 to 130.70): BF1

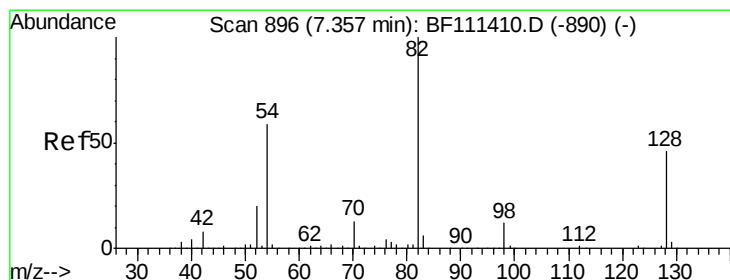
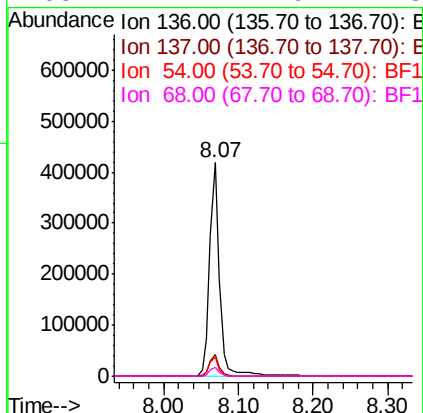
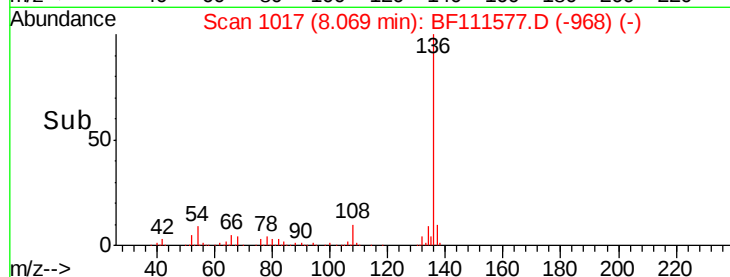
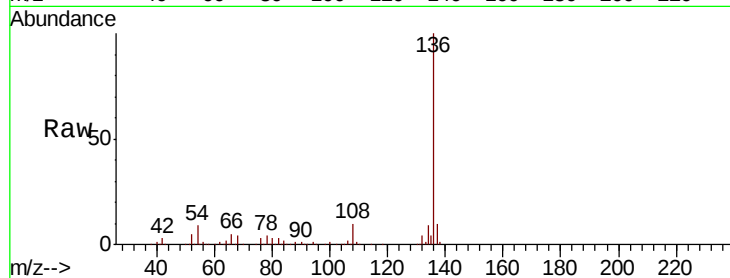




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111577.D
Acq: 18 Dec 2018 9:44

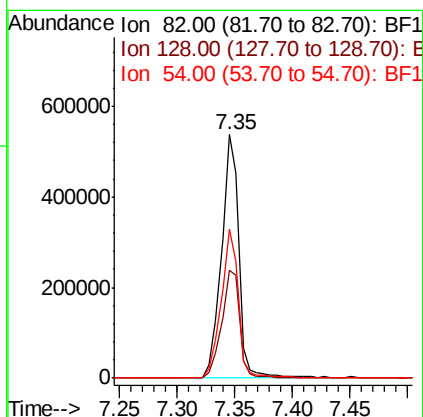
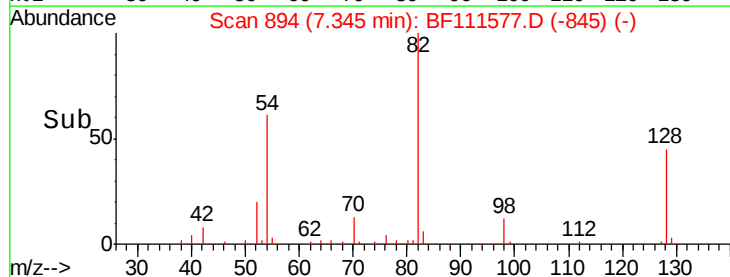
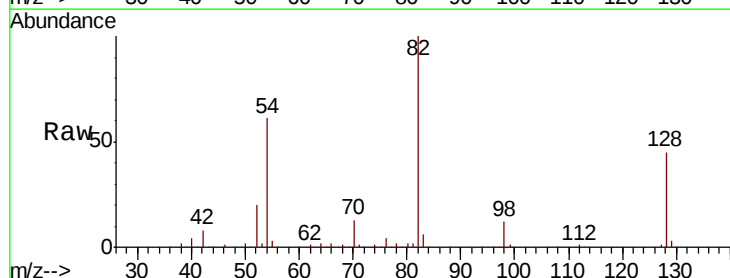
Instrument :
BNA_F
ClientSampleId :

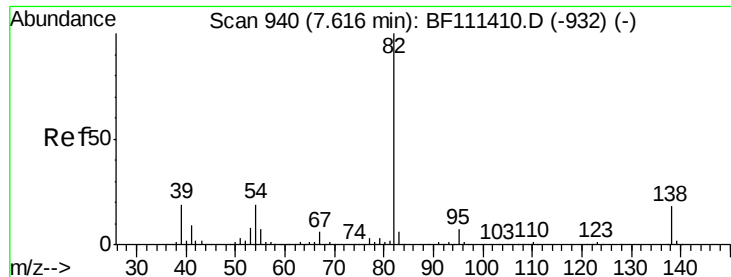
Tot Ion:136	Resp:	391827
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.1 13.7
54	9.0	7.7 11.5
68	4.1	4.9 7.3#



#23
Nitrobenzene-d5
Concen: 85.857 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111577.D
Acq: 18 Dec 2018 9:44

Tgt Ion: 82	Resp:	564936
Ion Ratio	Lower	Upper
82	100	
128	44.6	37.4 56.2
54	61.2	47.6 71.4





#25

Isophorone

Concen: 50.742 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BF111577.D

Acq: 18 Dec 2018 9:44

Instrument :

BNA_F

ClientSampleId :

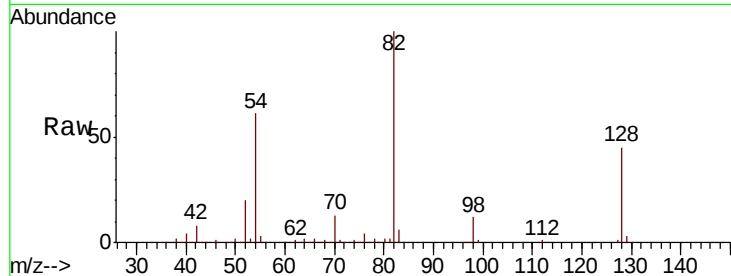
Tot Ion: 82 Resp: 564933

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

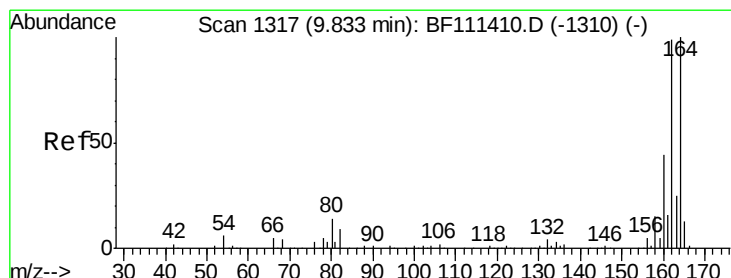
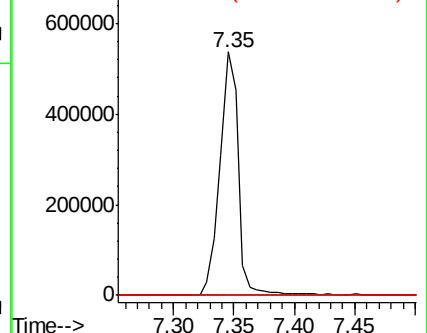
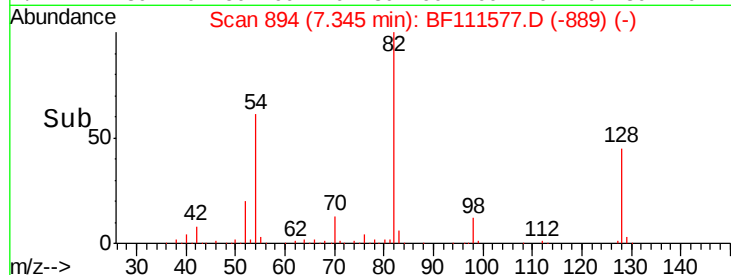
138 0.0 15.1 22.7#



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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111577.D

Acq: 18 Dec 2018 9:44

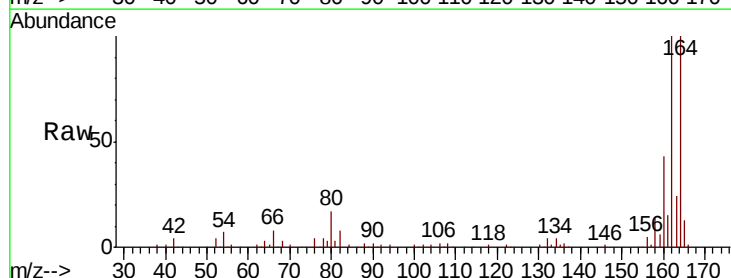
Tgt Ion: 164 Resp: 163429

Ion Ratio Lower Upper

164 100

162 100.1 81.4 122.0

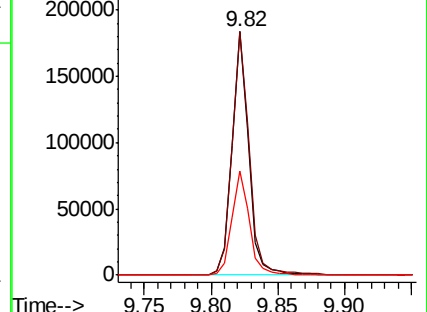
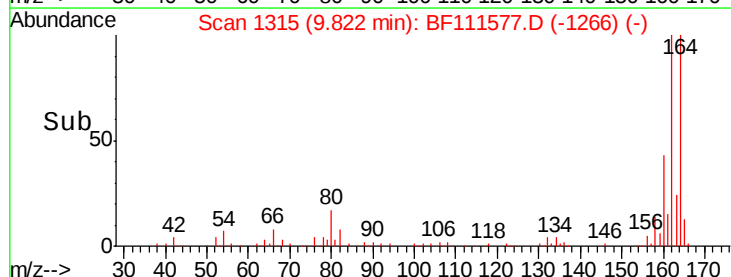
160 43.0 35.7 53.5

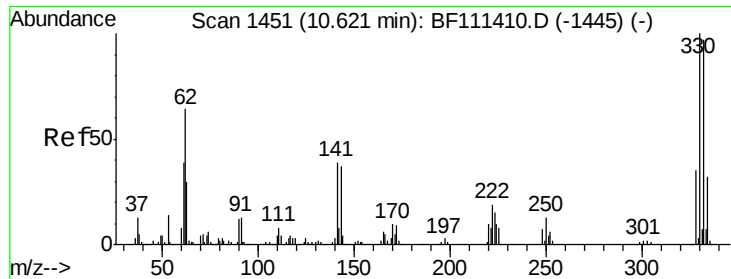


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

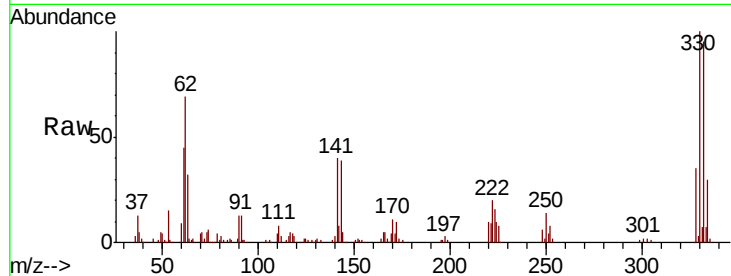




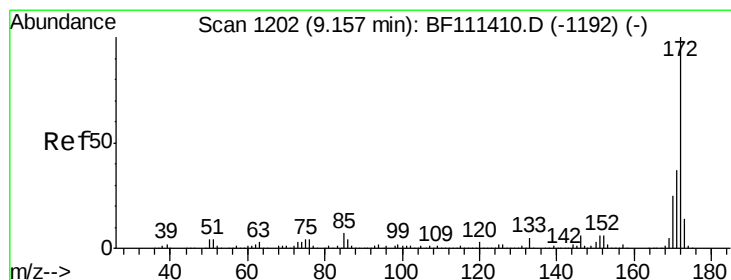
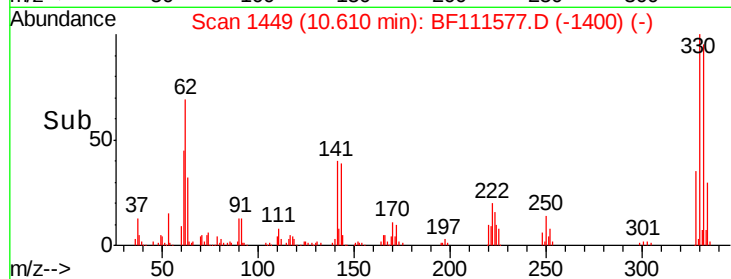
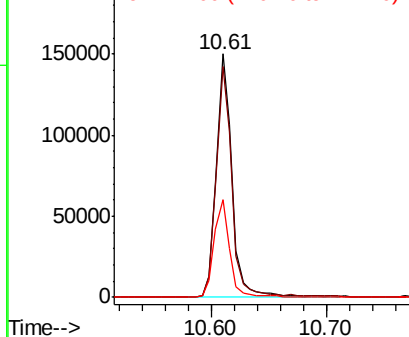
#42
 2,4,6-Tribromophenol
 Concen: 96.691 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF111577.D
 Acq: 18 Dec 2018 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 141553
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.0 114.0
 141 40.5 31.0 46.6

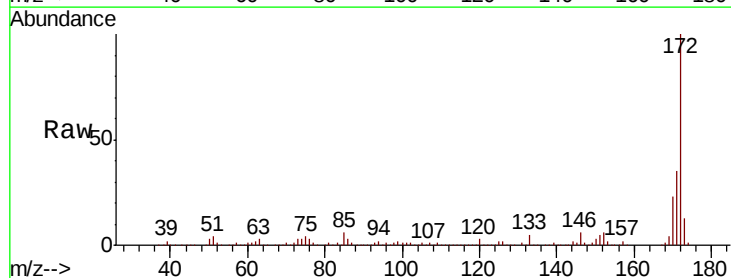


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

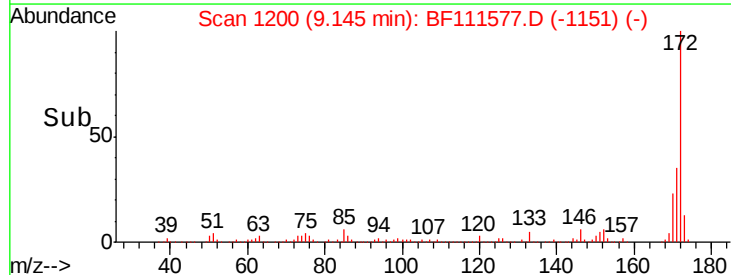
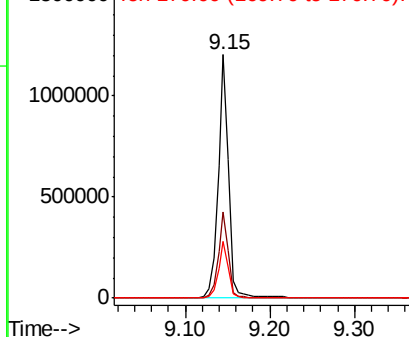


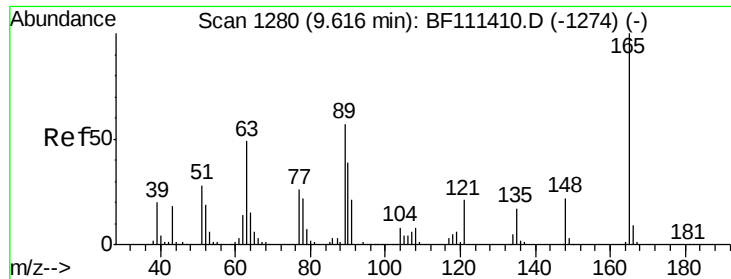
#45
 2-Fluorobiphenyl
 Concen: 100.715 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111577.D
 Acq: 18 Dec 2018 9:44

Tgt Ion:172 Resp: 1065609
 Ion Ratio Lower Upper
 172 100
 171 35.2 33.0 49.4
 170 23.4 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

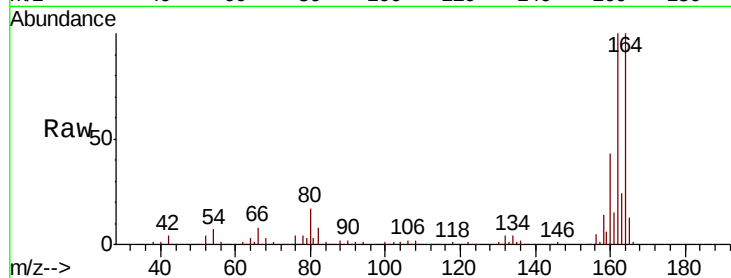




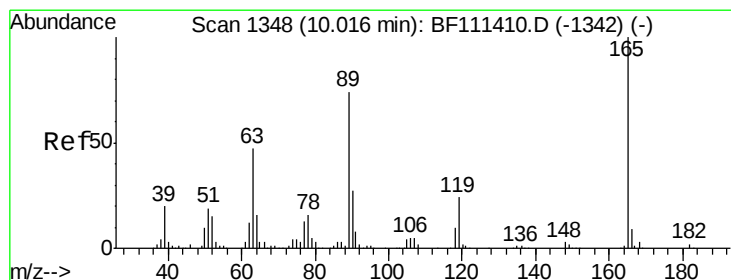
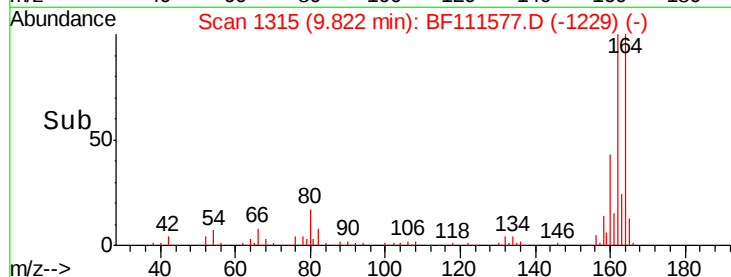
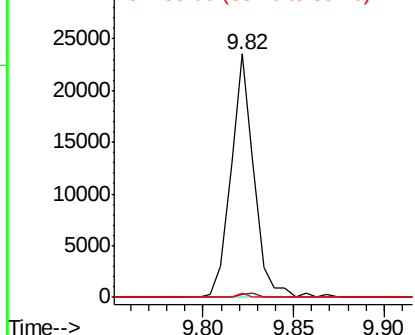
#51
 2,6-Dinitrotoluene
 Concen: 7.803 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF111577.D
 Acq: 18 Dec 2018 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	1.5	40.0	60.0#

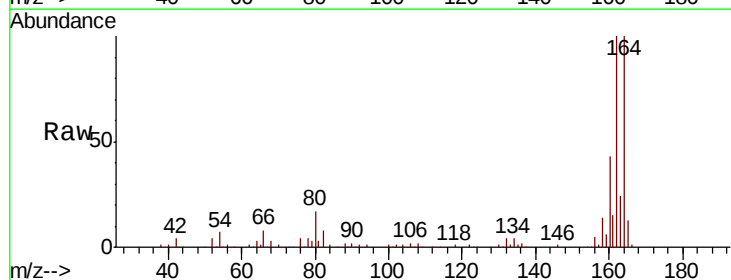


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

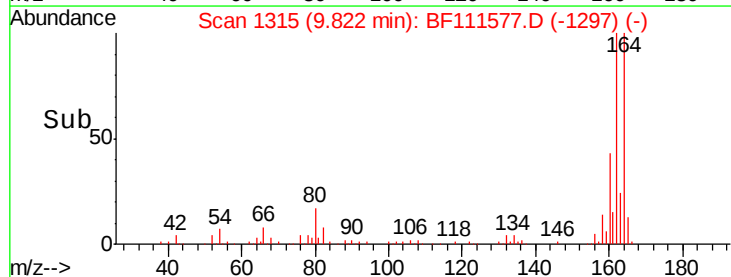
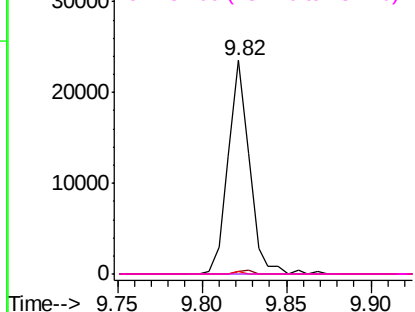


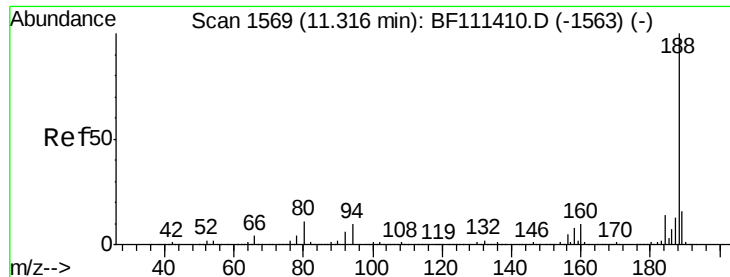
#57
 2,4-Dinitrotoluene
 Concen: 5.945 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF111577.D
 Acq: 18 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#



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

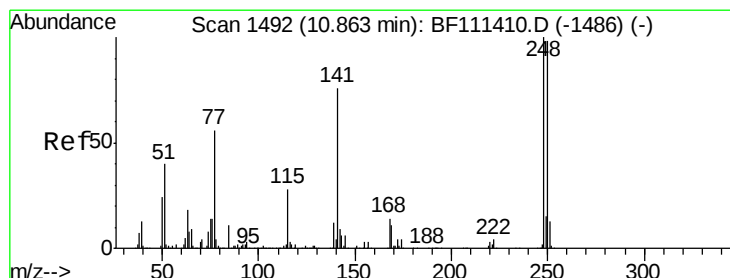
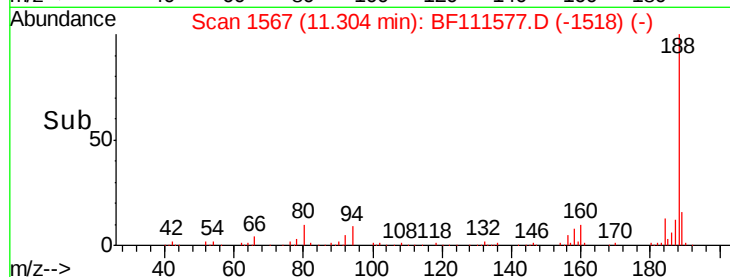
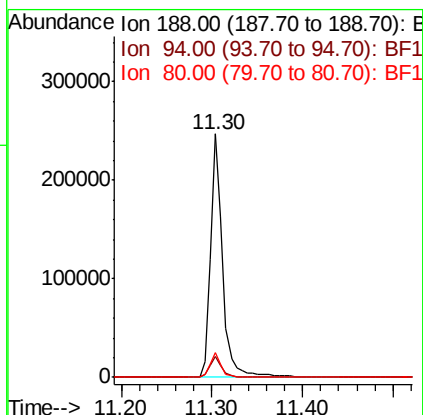
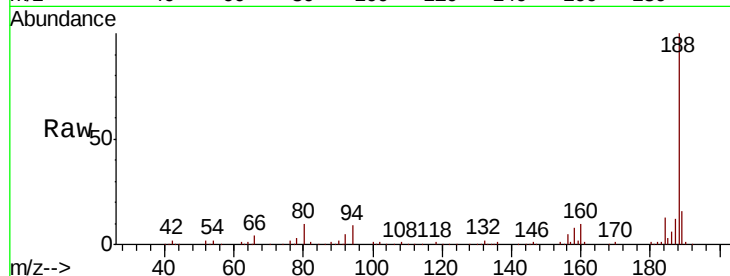




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF111577.D
 Acq: 18 Dec 2018 9:44

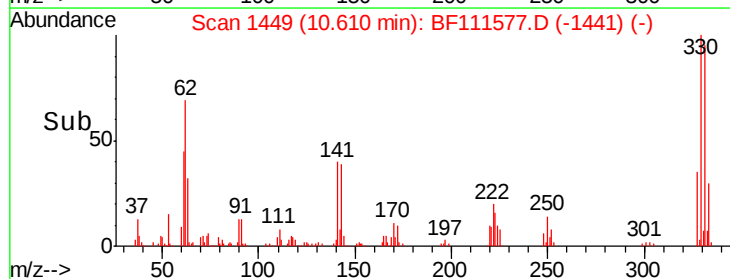
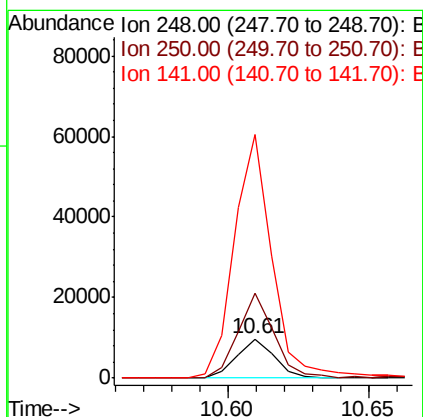
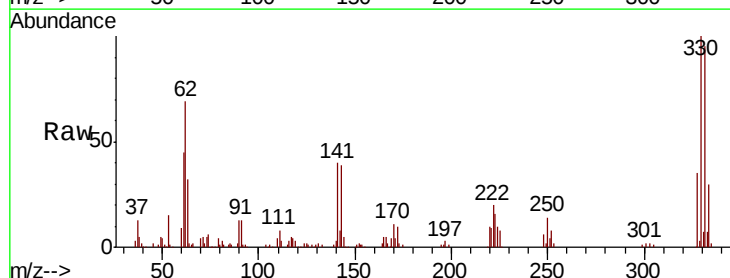
Instrument :
 BNA_F
 ClientSampleId :

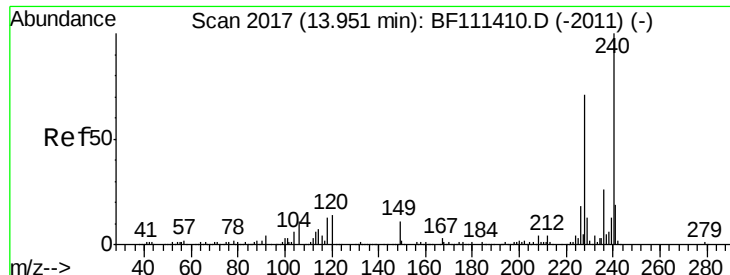
Tot Ion:188 Resp: 234001
 Ion Ratio Lower Upper
 188 100
 94 8.7 9.6 14.4#
 80 9.9 9.8 14.6



#67
 4-Bromophenyl-phenylether
 Concen: 3.532 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.25 min
 Lab File: BF111577.D
 Acq: 18 Dec 2018 9:44

Tgt Ion:248 Resp: 8908
 Ion Ratio Lower Upper
 248 100
 250 217.4 77.0 115.4#
 141 624.9 63.0 94.6#

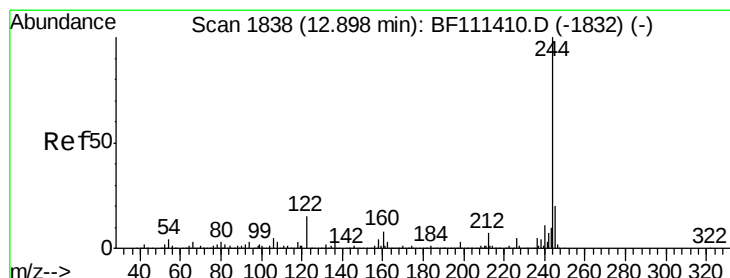
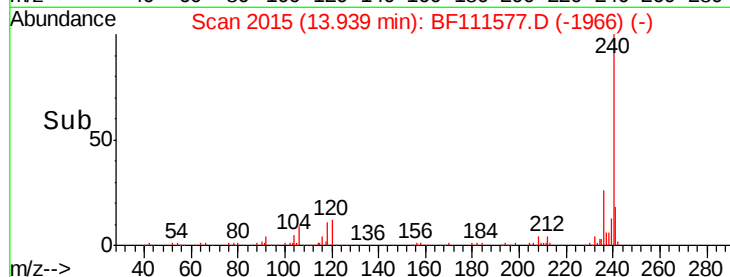
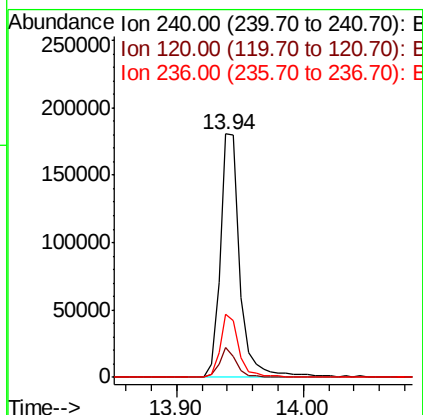
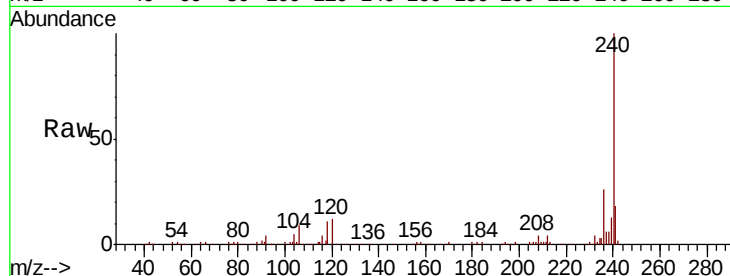




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111577.D
 Acq: 18 Dec 2018 9:44

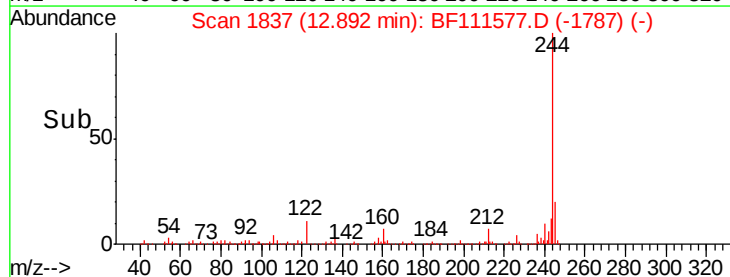
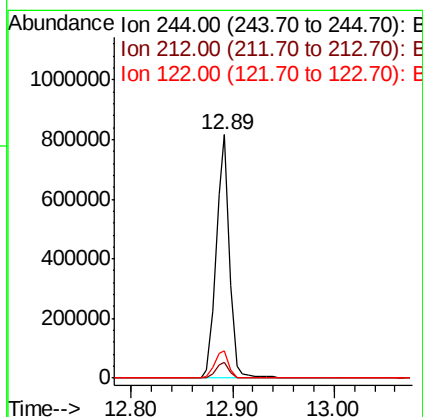
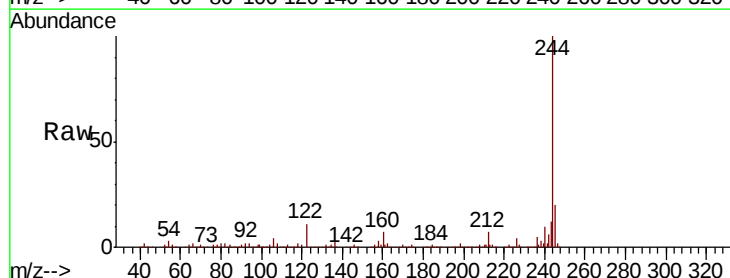
Instrument :
 BNA_F
 ClientSampleId :

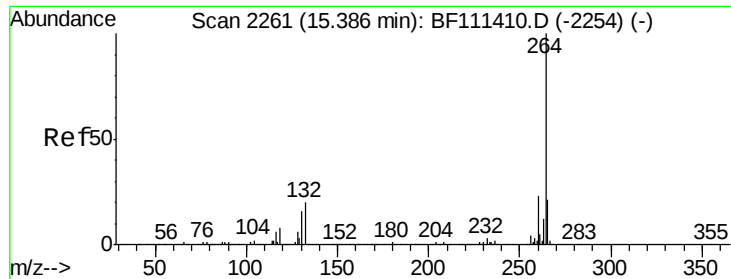
Tot Ion:240 Resp: 196049
 Ion Ratio Lower Upper
 240 100
 120 12.1 12.2 18.2#
 236 26.1 20.2 30.2



#79
 Terphenyl-d14
 Concen: 88.966 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF111577.D
 Acq: 18 Dec 2018 9:44

Tgt Ion:244 Resp: 742761
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 11.4 13.1 19.7#

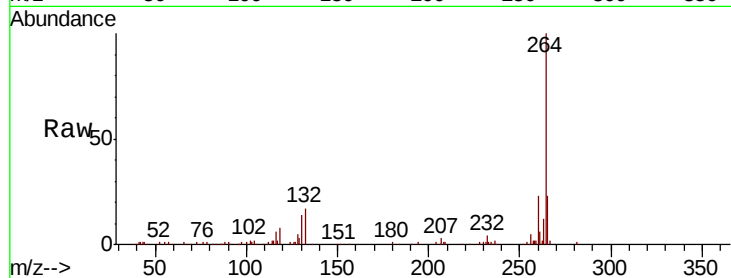




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111577.D
Acq: 18 Dec 2018 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	22.6	17.7	26.5



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

