

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111572.D
 Acq On : 18 Dec 2018 7:27
 Operator : JU/SJ
 Sample : J6403-60
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 10:25:25 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

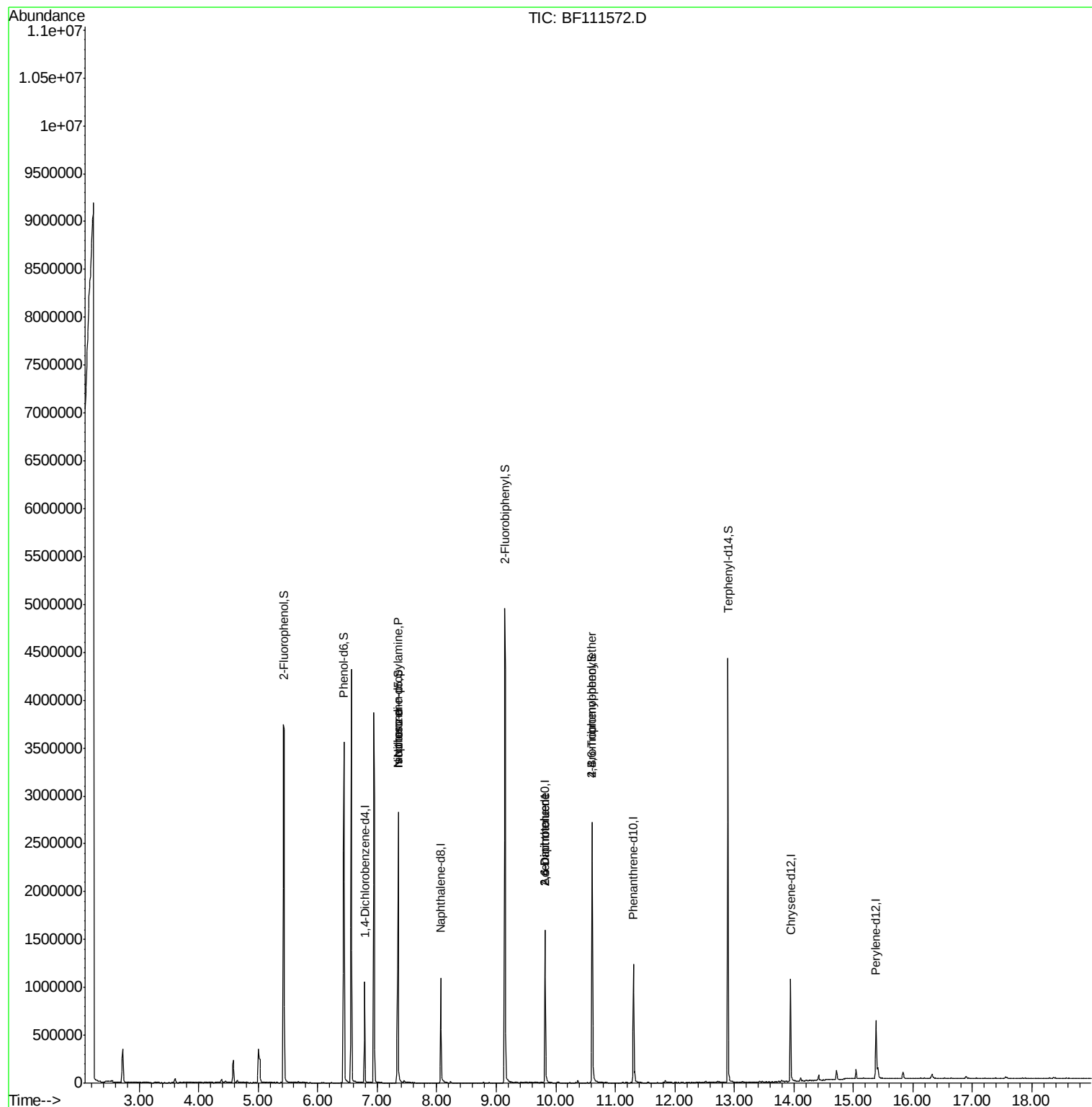
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	144853	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	516768	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	322092	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	477775	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	401176	20.00	ng	0.00
87) Perylene-d12	15.38	264	296957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1127723	129.55	ng	0.02
7) Phenol-d6	6.44	99	1213435	104.80	ng	0.00
23) Nitrobenzene-d5	7.35	82	961945	110.85	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	340716	118.09	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1700888	81.57	ng	-0.01
79) Terphenyl-d14	12.89	244	1586734	92.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	125796	16.467	ng	# 80
25) Isophorone	7.35	82	961931	65.511	ng	# 64
51) 2,6-Dinitrotoluene	9.82	165	40802	7.815	ng	# 29
57) 2,4-Dinitrotoluene	9.82	165	40803	5.954	ng	# 25
67) 4-Bromophenyl-phenylether	10.61	248	20995	4.077	ng	# 1

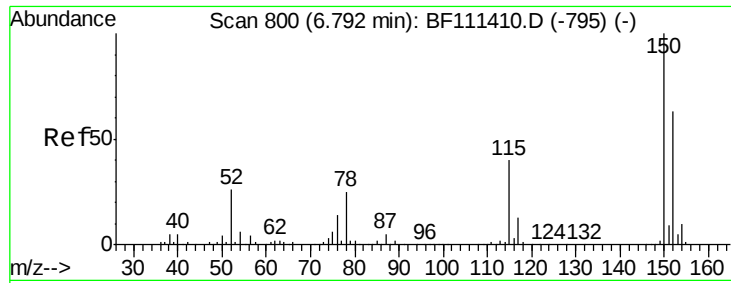
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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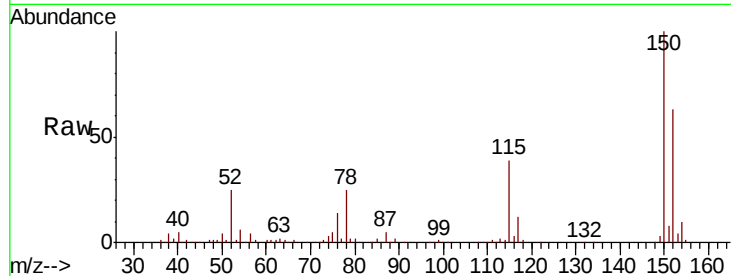




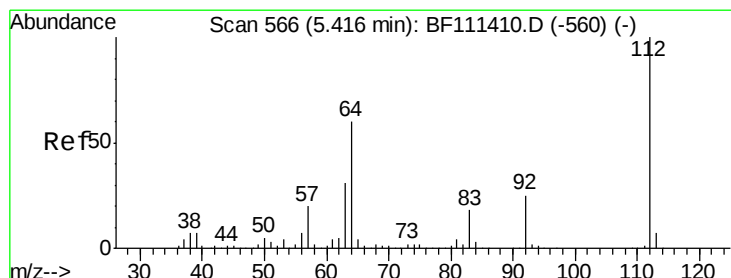
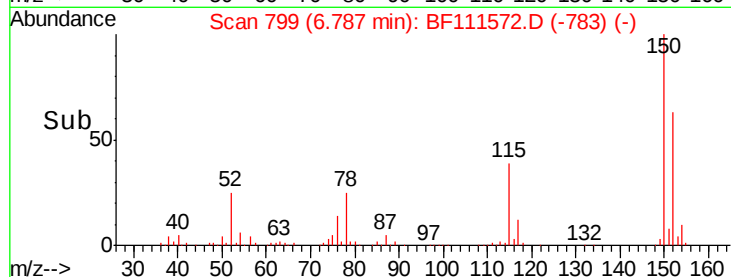
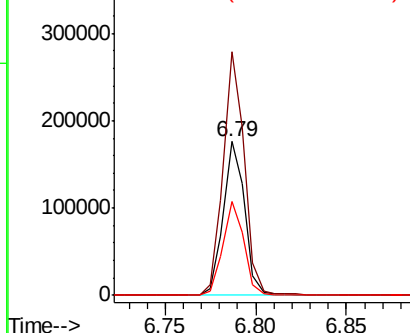
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111572.D
 Acq: 18 Dec 2018 7:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 144853
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.6 189.8
 115 61.2 50.7 76.1

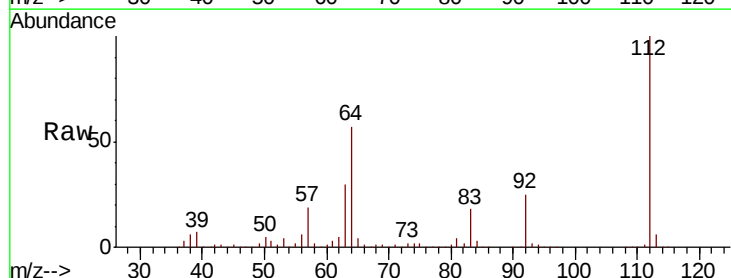


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

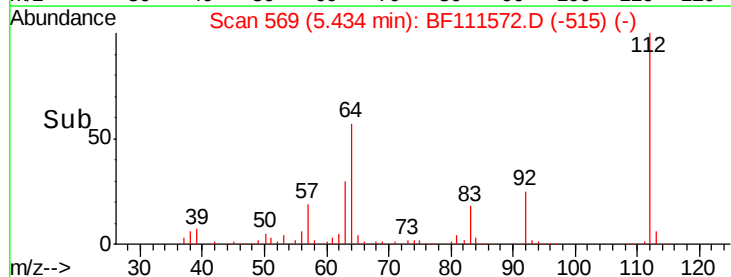
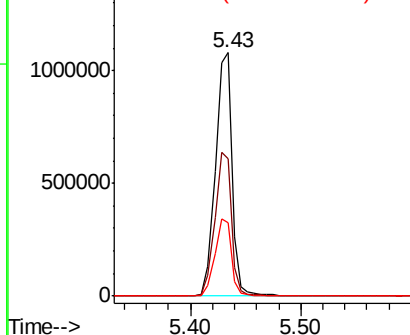


#5
 2-Fluorophenol
 Concen: 129.552 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF111572.D
 Acq: 18 Dec 2018 7:27

Tgt Ion:112 Resp: 1127723
 Ion Ratio Lower Upper
 112 100
 64 56.6 51.8 77.6
 63 29.9 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: 104.797 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111572.D

Acq: 18 Dec 2018 7:27

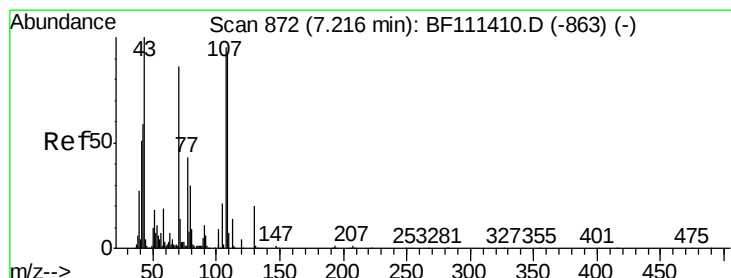
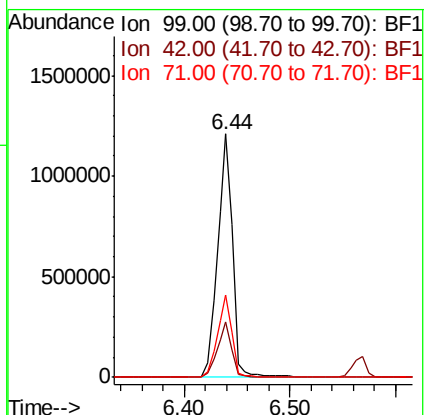
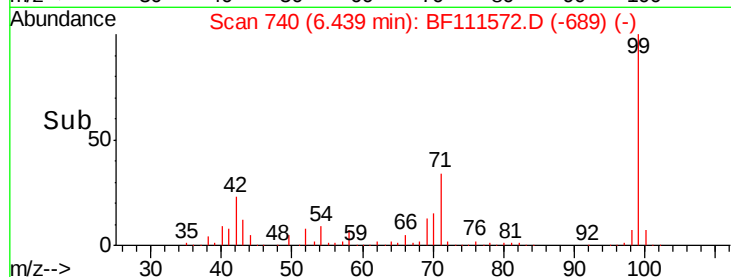
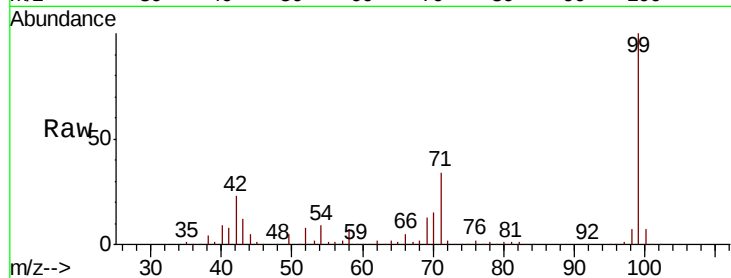
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1213435

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.4	26.0
71	33.6	26.1	39.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.467 ng

RT: 7.35 min Scan# 895

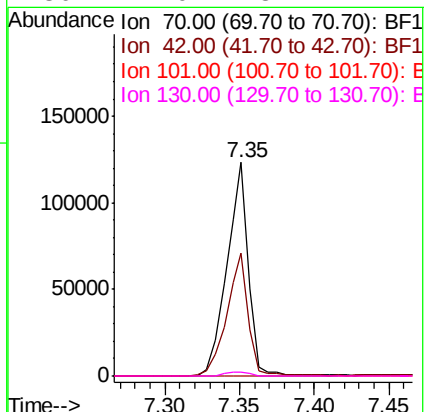
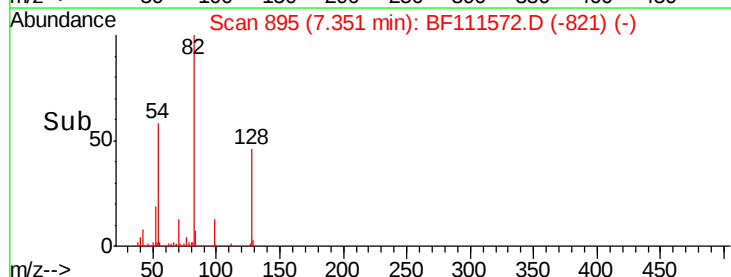
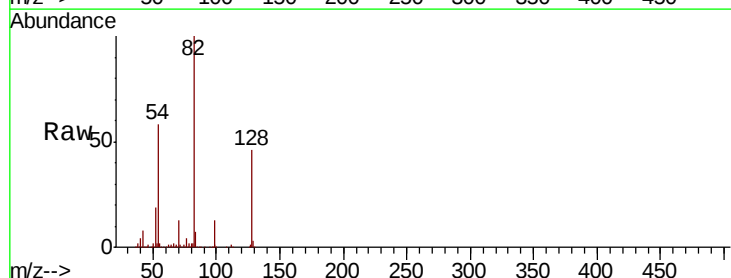
Delta R.T. 0.14 min

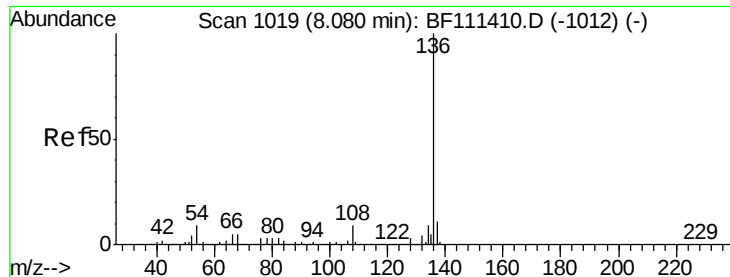
Lab File: BF111572.D

Acq: 18 Dec 2018 7:27

Tgt Ion: 70 Resp: 125796

Ion	Ratio	Lower	Upper
70	100		
42	57.5	53.2	79.8
101	0.0	8.2	12.4#
130	2.0	18.1	27.1#

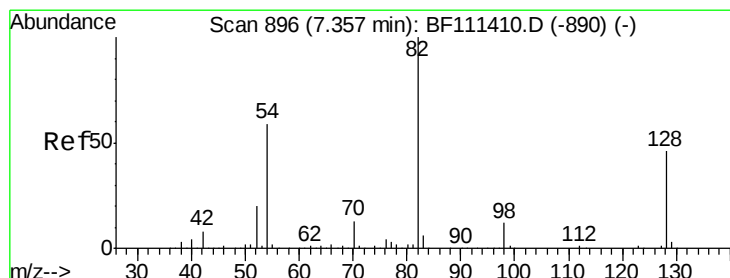
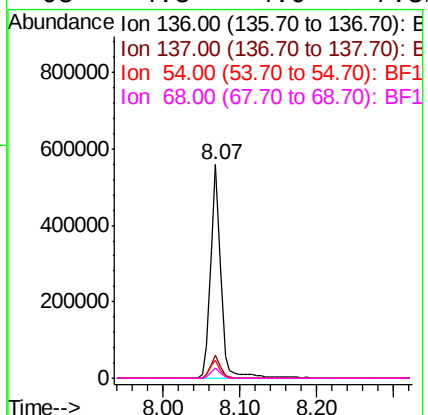
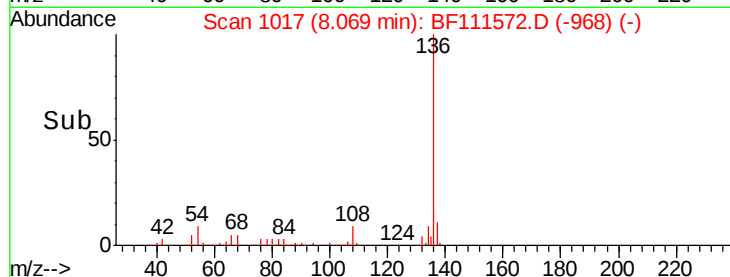
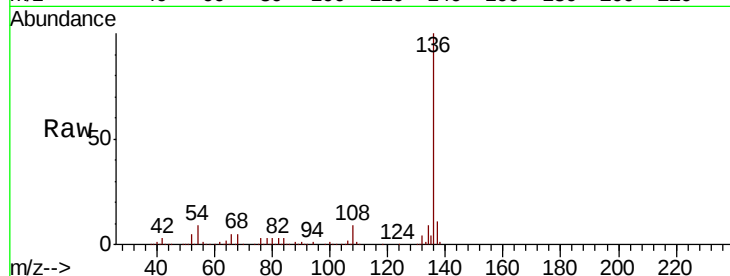




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111572.D
Acq: 18 Dec 2018 7:27

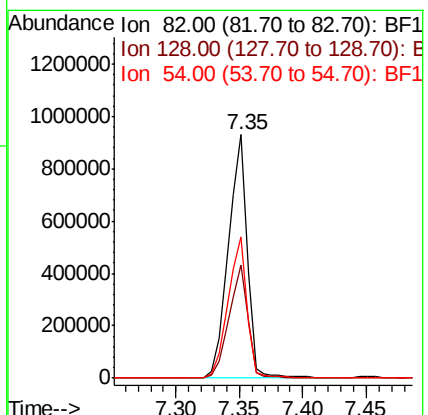
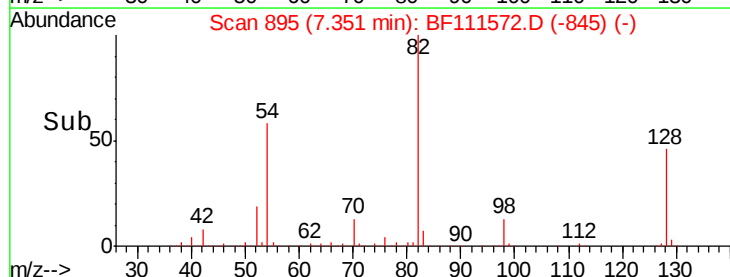
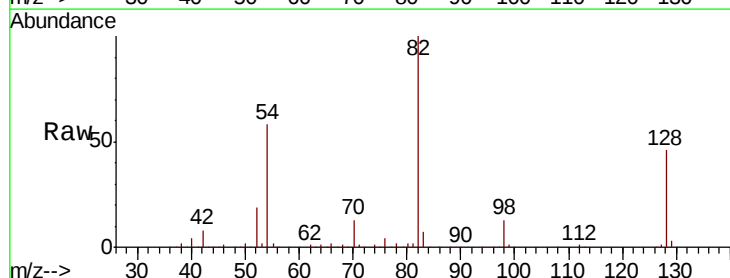
Instrument :
BNA_F
ClientSampleId :

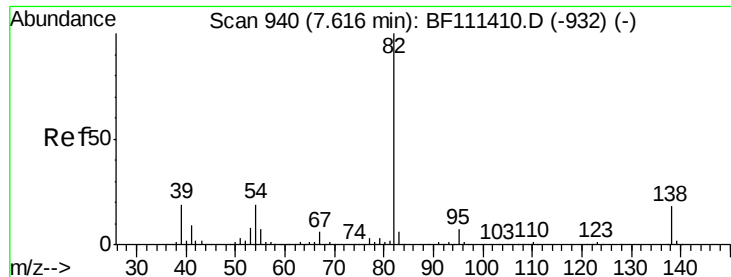
Tot Ion:136	Resp:	516768
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	8.6	7.7 11.5
68	4.8	4.9 7.3#



#23
Nitrobenzene-d5
Concen: 110.848 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111572.D
Acq: 18 Dec 2018 7:27

Tgt Ion: 82	Resp:	961945
Ion Ratio	Lower	Upper
82	100	
128	46.5	37.4 56.2
54	58.1	47.6 71.4





#25

Isophorone

Concen: 65.511 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111572.D

Acq: 18 Dec 2018 7:27

Instrument :

BNA_F

ClientSampleId :

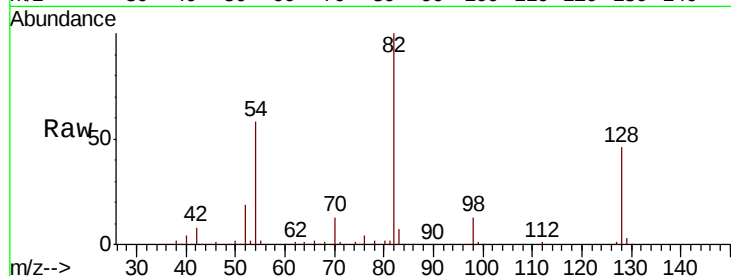
Tot Ion: 82 Resp: 961931

Ion Ratio Lower Upper

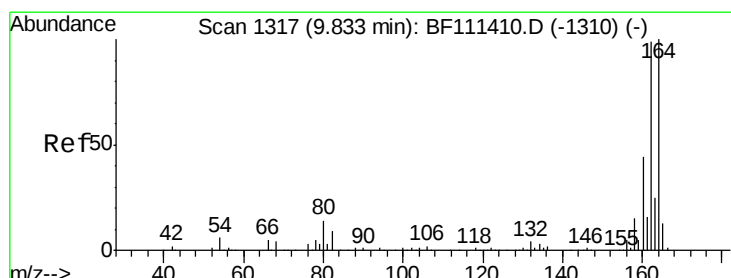
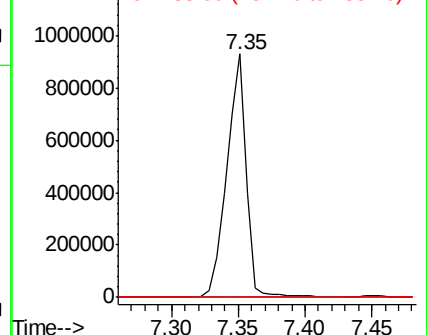
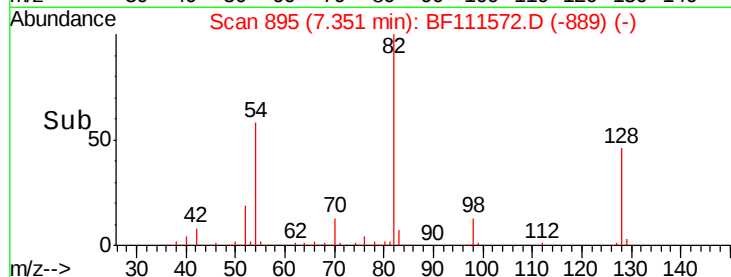
82 100

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: BF111572.D

Acq: 18 Dec 2018 7:27

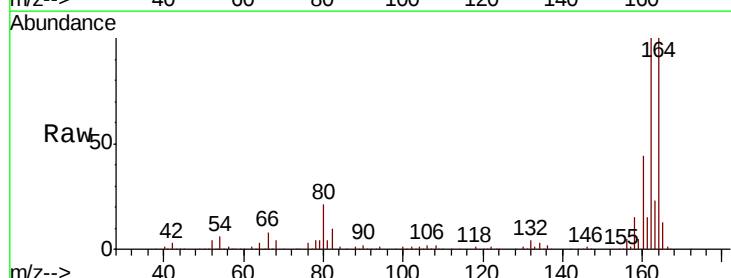
Tgt Ion: 164 Resp: 322092

Ion Ratio Lower Upper

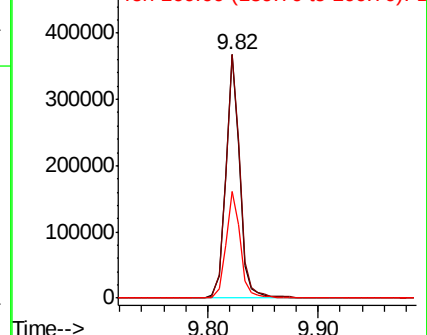
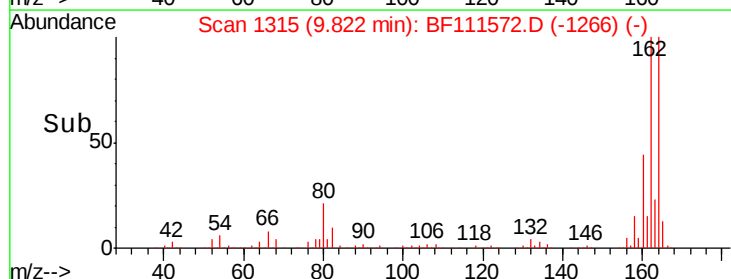
164 100

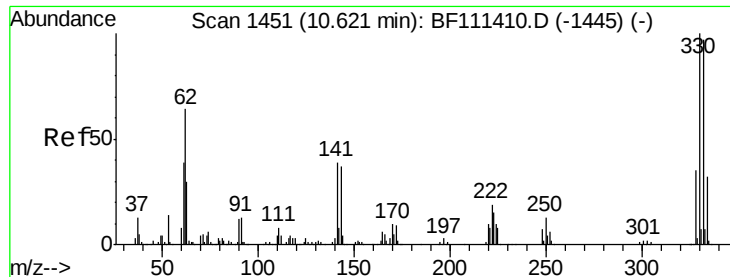
162 100.2 81.4 122.0

160 43.8 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

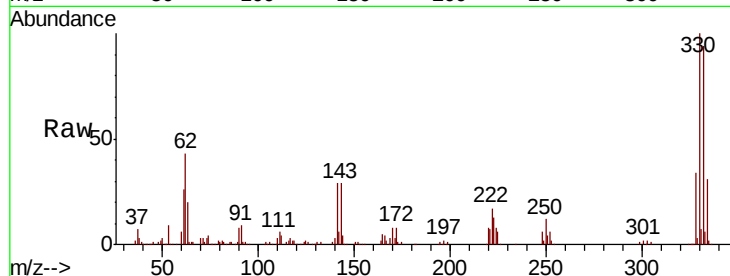




#42
 2,4,6-Tribromophenol
 Concen: 118.088 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111572.D
 Acq: 18 Dec 2018 7:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	36.9	31.0	46.6

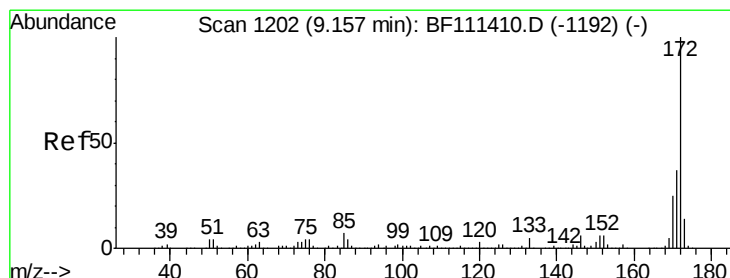
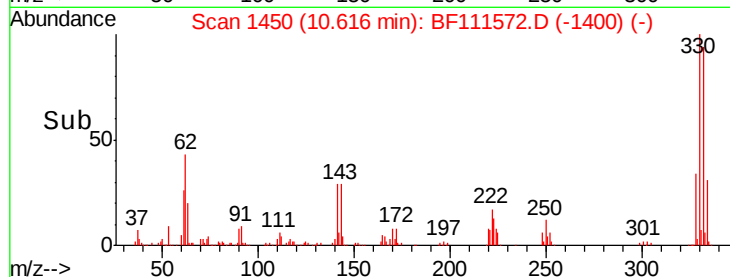
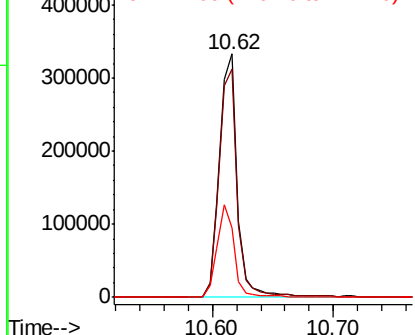


Abundance

Ion 329.80 (329.50 to 330.50): E

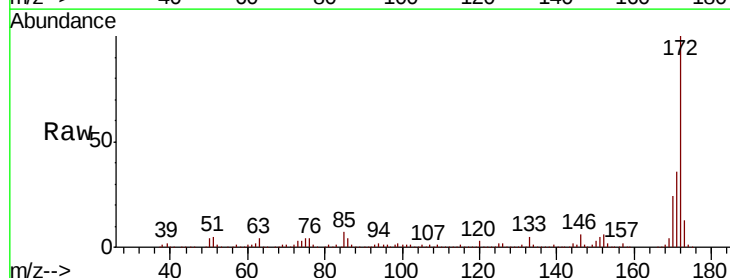
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.569 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111572.D
 Acq: 18 Dec 2018 7:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	24.1	22.3	33.5

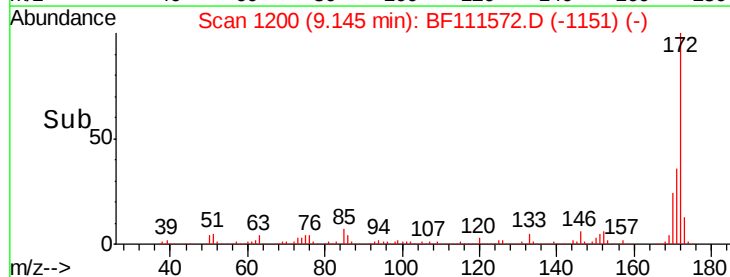
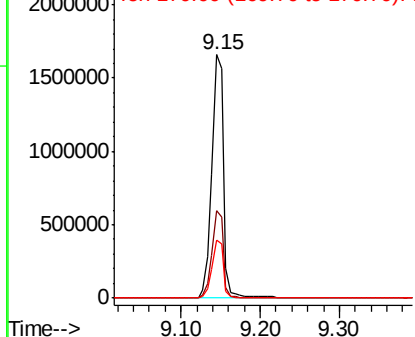


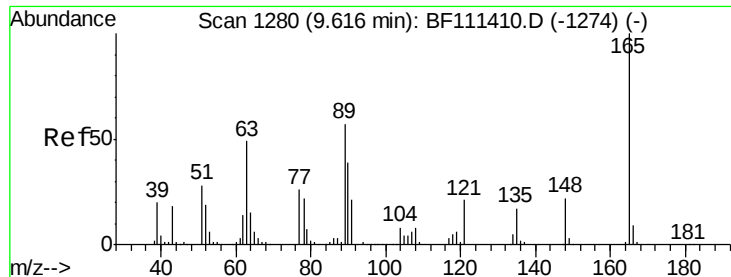
Abundance

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: 7.815 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF111572.D

Acq: 18 Dec 2018 7:27

Instrument :

BNA_F

ClientSampleId :

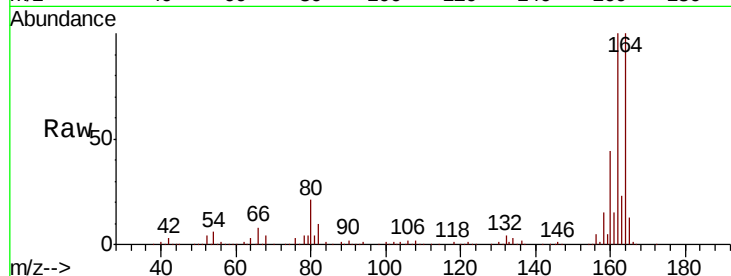
Tot Ion:165 Resp: 40802

Ion Ratio Lower Upper

165 100

63 1.3 40.5 60.7#

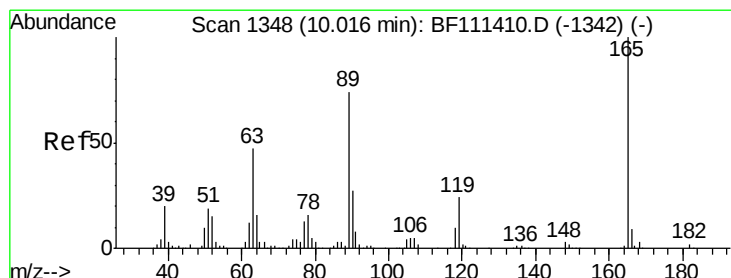
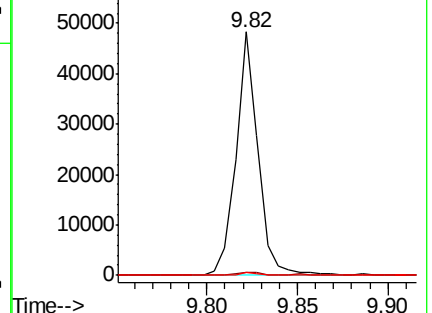
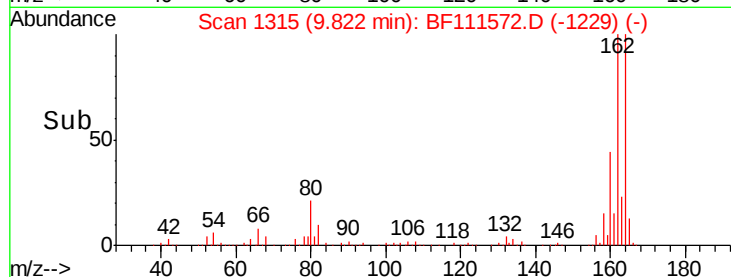
89 1.4 40.0 60.0#



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: 5.954 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.19 min

Lab File: BF111572.D

Acq: 18 Dec 2018 7:27

Tgt Ion:165 Resp: 40803

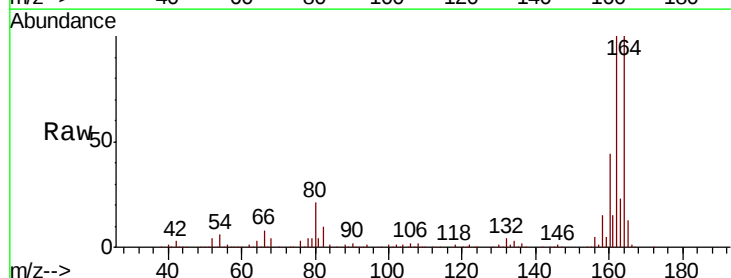
Ion Ratio Lower Upper

165 100

63 1.3 34.6 52.0#

89 1.4 56.2 84.4#

182 0.0 1.8 2.6#

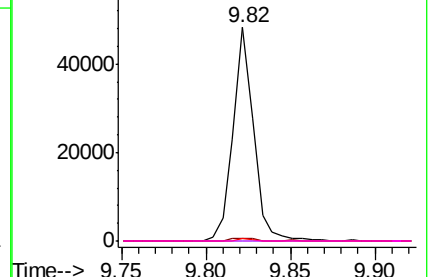
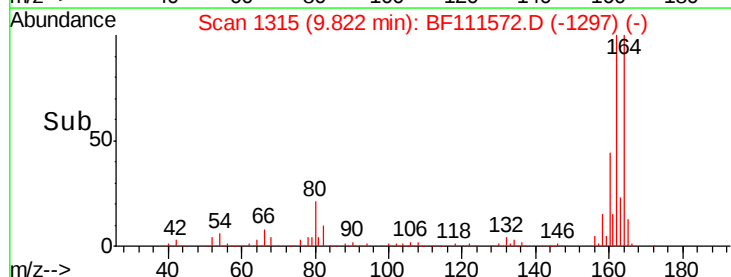


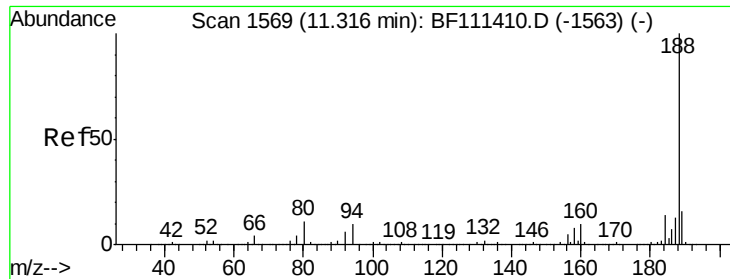
Abundance Ion 165.00 (164.70 to 165.70): E

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

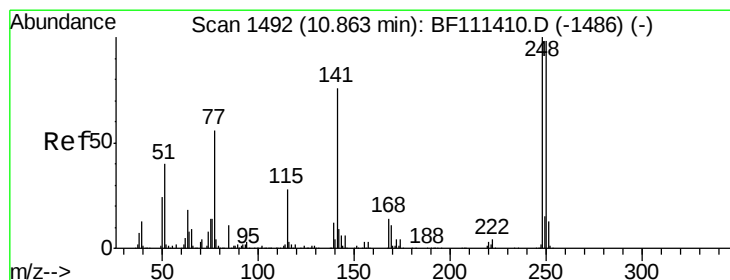
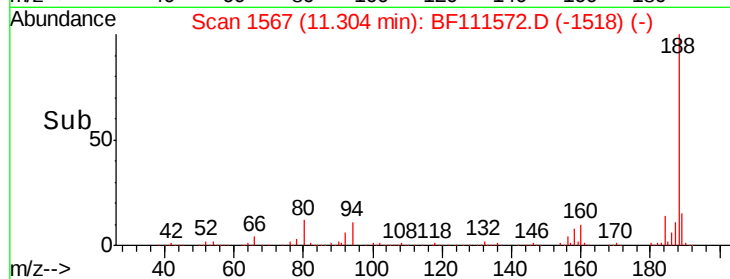
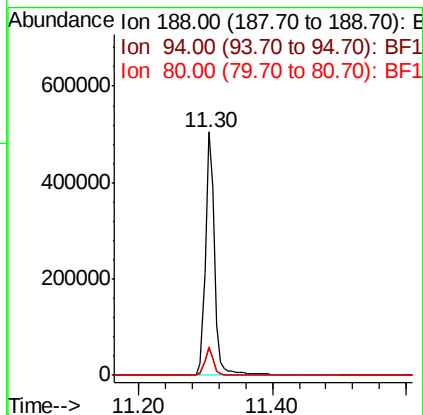
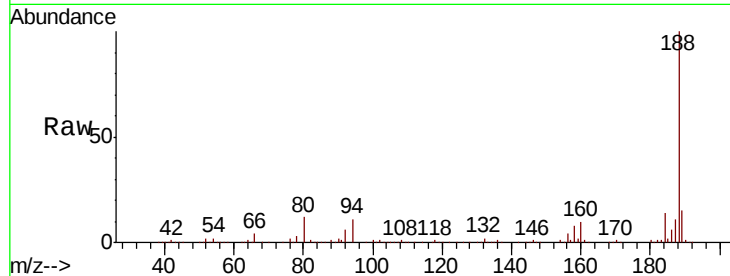




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111572.D
Acq: 18 Dec 2018 7:27

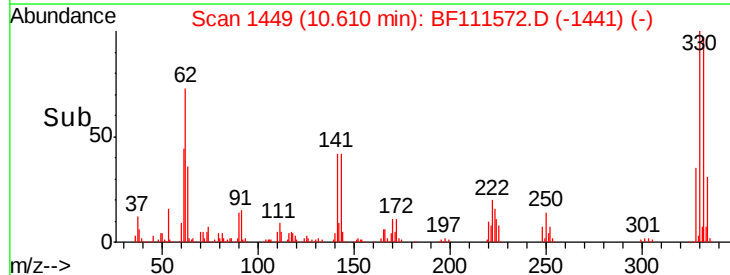
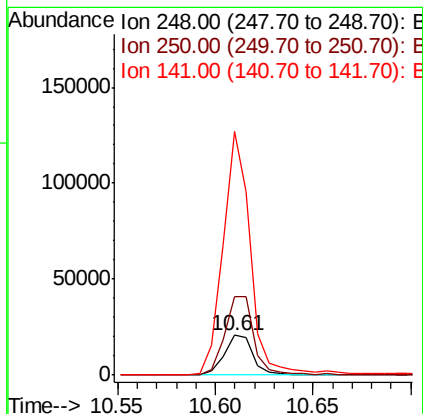
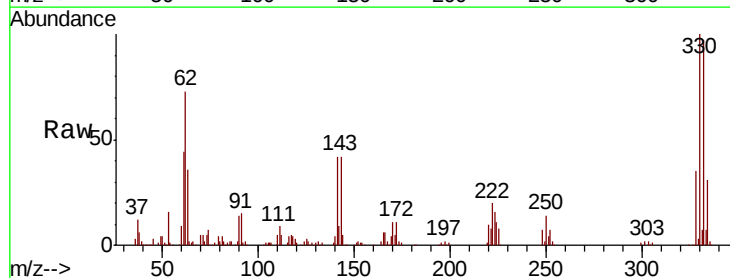
Instrument :
BNA_F
ClientSampleId :

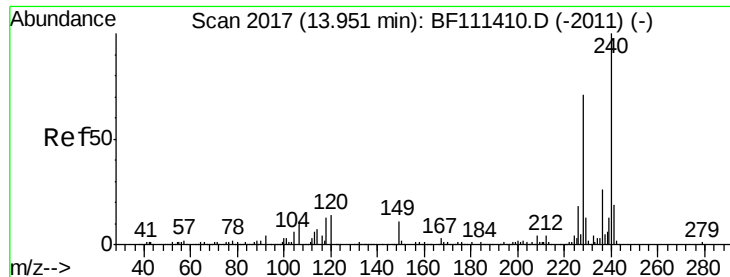
Tot Ion:188 Resp: 477775
Ion Ratio Lower Upper
188 100
94 11.3 9.6 14.4
80 11.8 9.8 14.6



#67
4-Bromophenyl-phenylether
Concen: 4.077 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF111572.D
Acq: 18 Dec 2018 7:27

Tgt Ion:248 Resp: 20995
Ion Ratio Lower Upper
248 100
250 197.5 77.0 115.4#
141 614.0 63.0 94.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111572.D

Acq: 18 Dec 2018 7:27

Instrument :

BNA_F

ClientSampled :

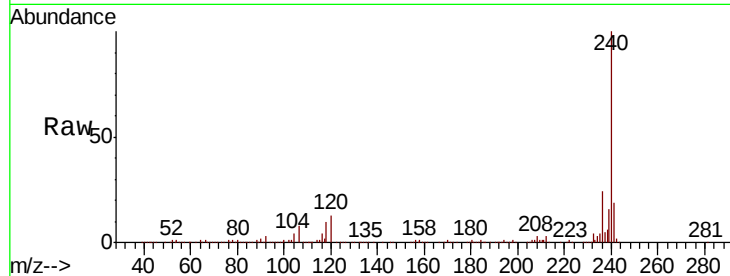
Tot Ion:240 Resp: 401176

Ion Ratio Lower Upper

240 100

120 12.7 12.2 18.2

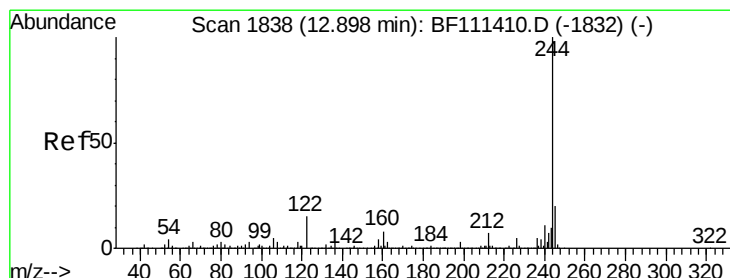
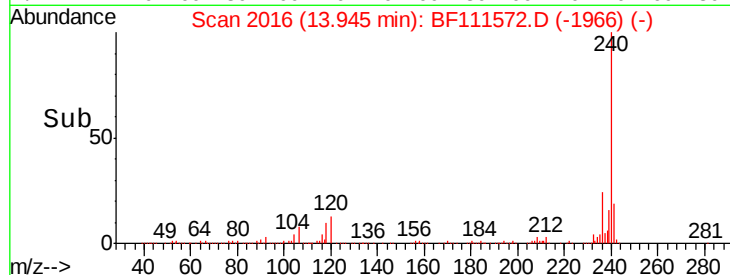
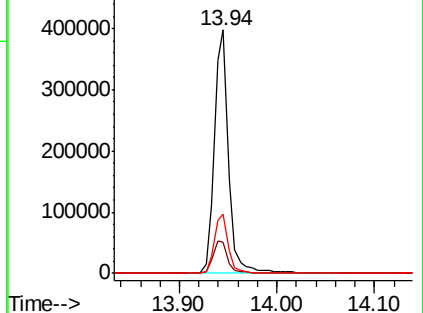
236 24.3 20.2 30.2



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



#79

Terphenyl-d14

Concen: 92.878 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111572.D

Acq: 18 Dec 2018 7:27

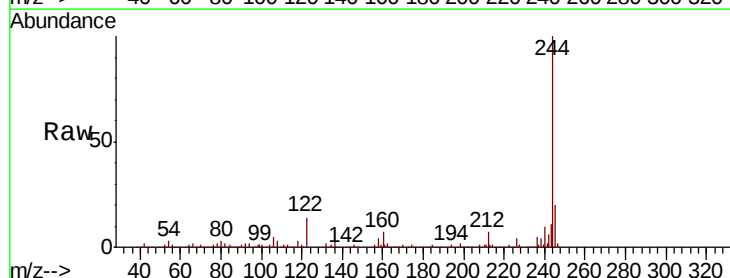
Tgt Ion:244 Resp: 1586734

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

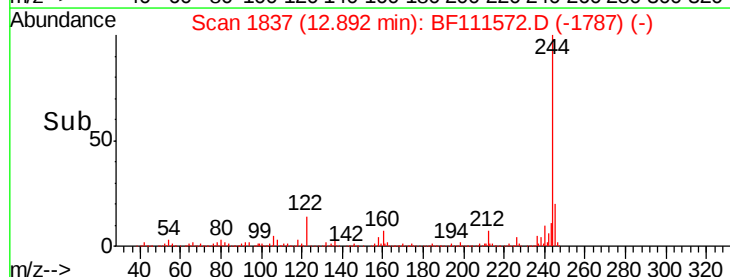
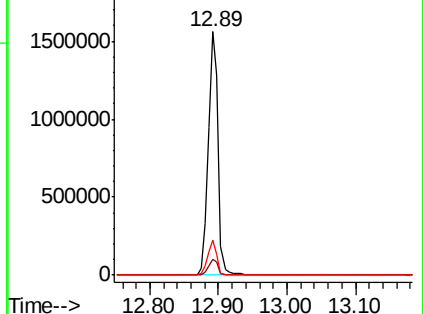
122 14.5 13.1 19.7

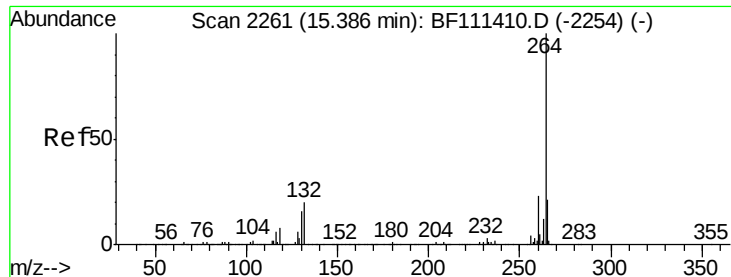


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BF111572.D
 Acq: 18 Dec 2018 7:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	21.9	17.7	26.5

