

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111576.D
 Acq On : 18 Dec 2018 9:16
 Operator : JU/SJ
 Sample : PB115763TB
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 10:26:21 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

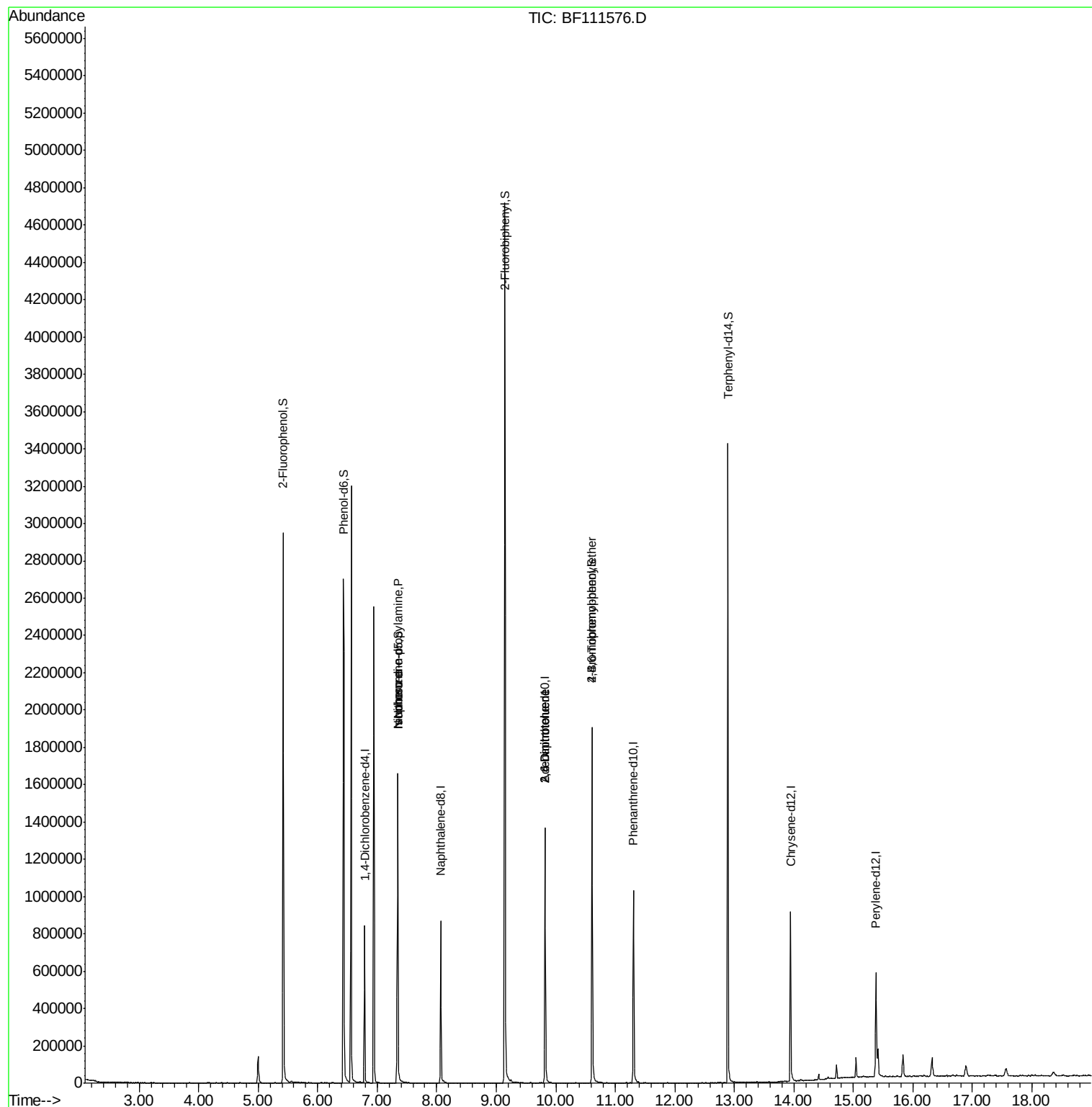
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110689	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	425632	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	283257	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	410937	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	365055	20.00	ng	0.00
87) Perylene-d12	15.38	264	276476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	766812	115.28	ng	0.00
7) Phenol-d6	6.43	99	939383	106.17	ng	0.00
23) Nitrobenzene-d5	7.35	82	568824	79.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	219115	86.35	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1505034	82.07	ng	-0.01
79) Terphenyl-d14	12.89	244	1166496	75.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	74658	12.790	ng	# 82
25) Isophorone	7.35	82	568817	47.033	ng	# 64
51) 2,6-Dinitrotoluene	9.82	165	35350	7.699	ng	# 29
57) 2,4-Dinitrotoluene	9.82	165	35350	5.866	ng	# 24
67) 4-Bromophenyl-phenylether	10.61	248	14363	3.243	ng	# 1

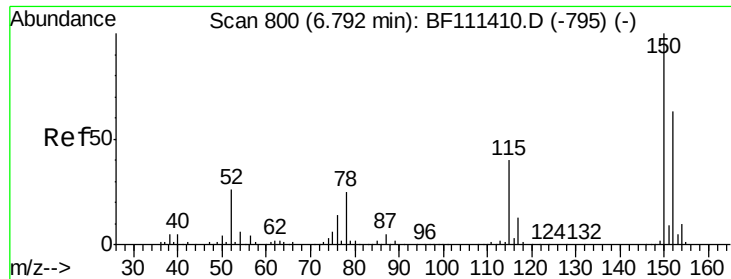
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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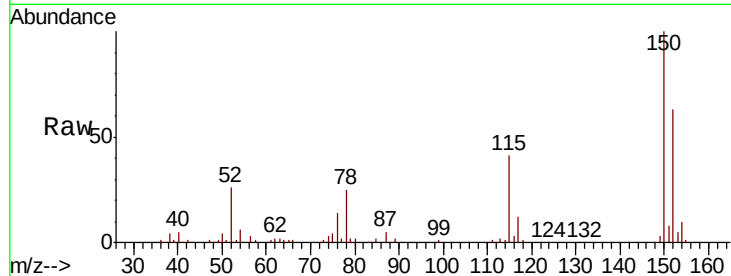


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111576.D
Acq: 18 Dec 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	65.1	50.7	76.1

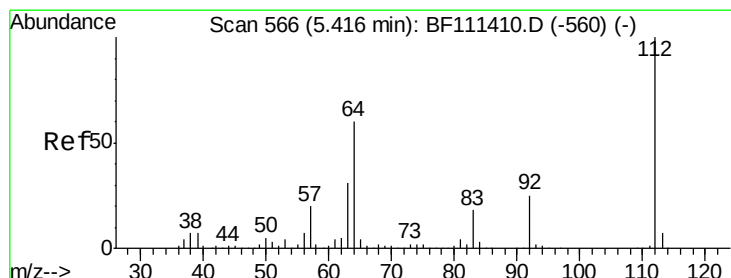
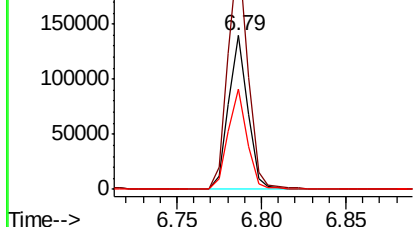
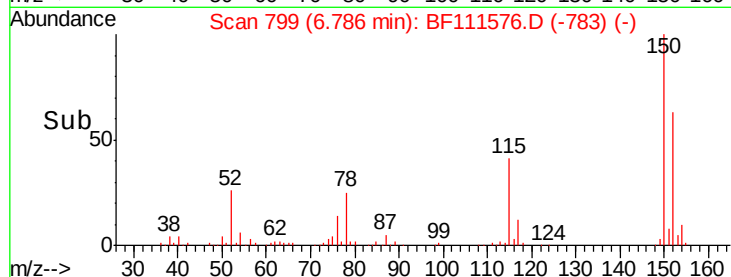


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

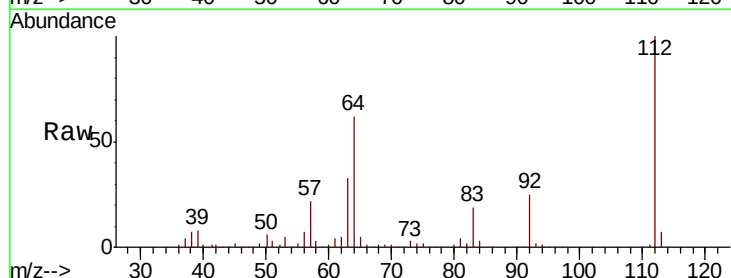
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.280 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111576.D
Acq: 18 Dec 2018 9:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	51.8	77.6
63	32.7	26.8	40.2

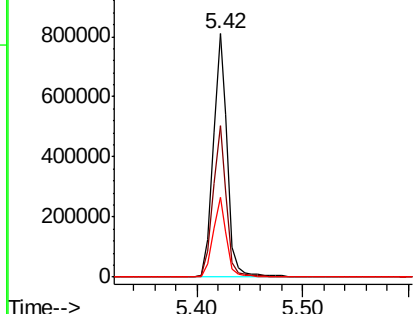
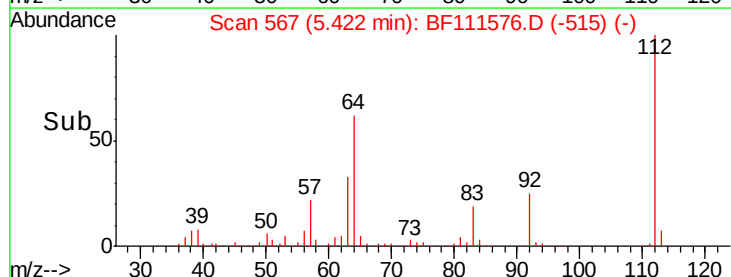


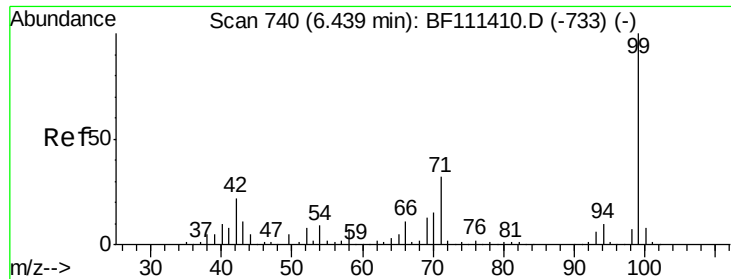
Abundance

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: 106.169 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111576.D

Acq: 18 Dec 2018 9:16

Instrument :

BNA_F

ClientSampleId :

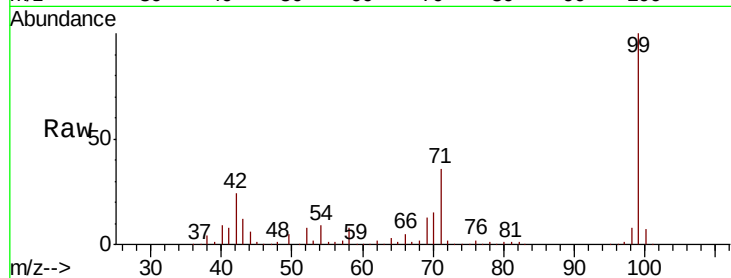
Tot Ion: 99 Resp: 939383

Ion Ratio Lower Upper

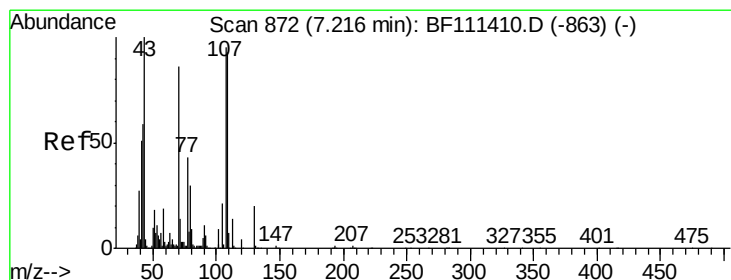
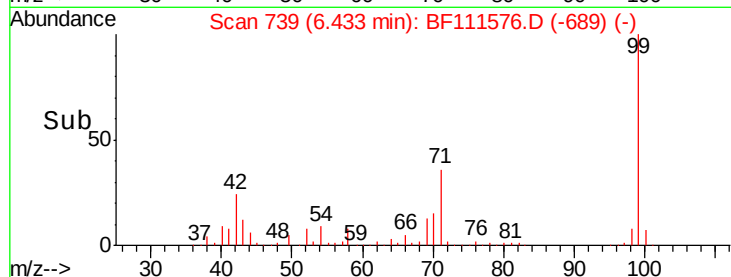
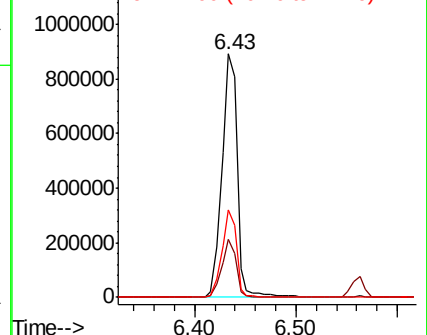
99 100

42 23.9 17.4 26.0

71 35.7 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: 12.790 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.13 min

Lab File: BF111576.D

Acq: 18 Dec 2018 9:16

Tgt Ion: 70 Resp: 74658

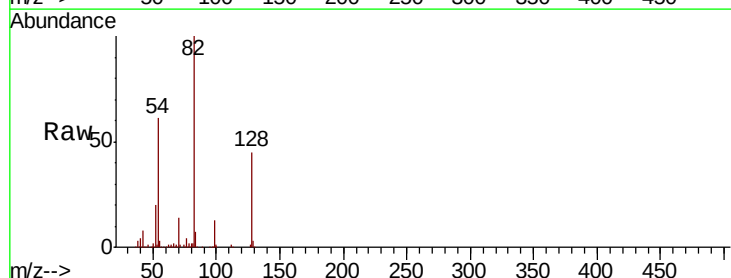
Ion Ratio Lower Upper

70 100

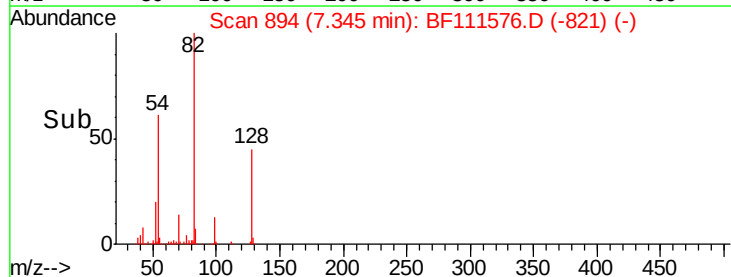
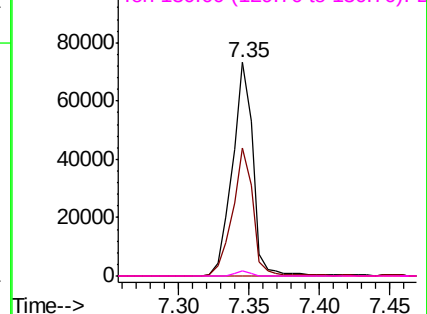
42 59.7 53.2 79.8

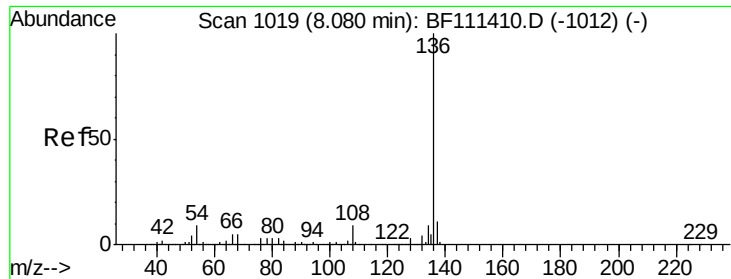
101 0.0 8.2 12.4#

130 2.3 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

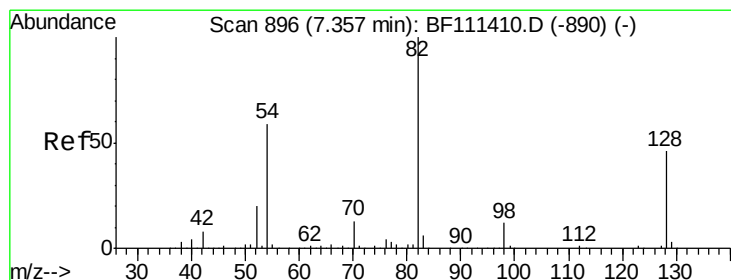
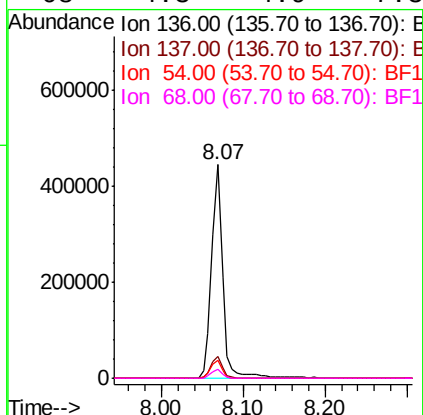
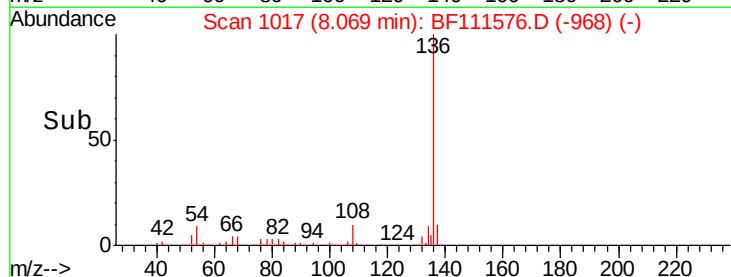
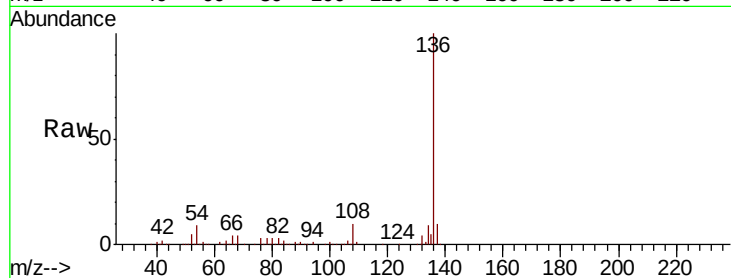




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111576.D
Acq: 18 Dec 2018 9:16

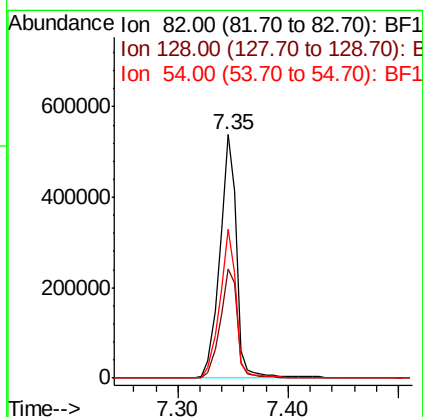
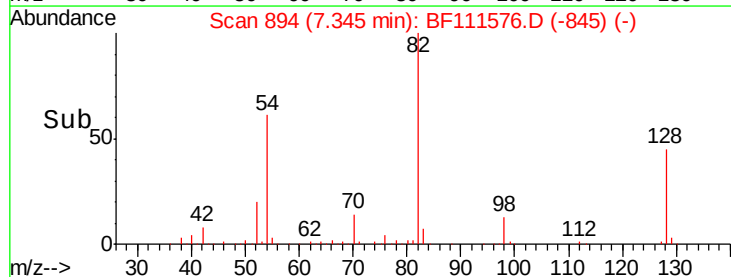
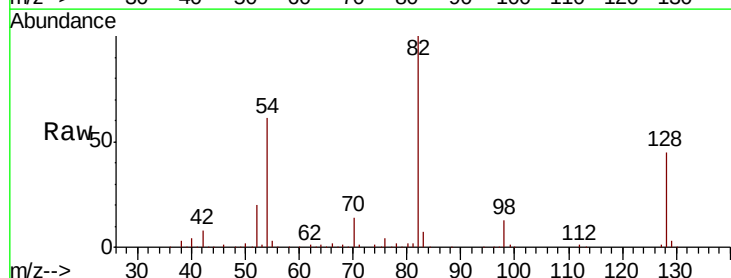
Instrument :
BNA_F
ClientSampleId :

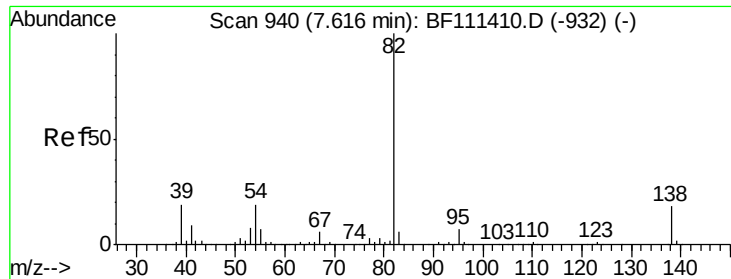
Tot Ion:136	Resp:	425632
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.1 13.7
54	8.6	7.7 11.5
68	4.3	4.9 7.3#



#23
Nitrobenzene-d5
Concen: 79.582 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111576.D
Acq: 18 Dec 2018 9:16

Tgt Ion: 82	Resp:	568824
Ion Ratio	Lower	Upper
82	100	
128	45.1	37.4 56.2
54	61.3	47.6 71.4





#25

Isophorone

Concen: 47.033 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BF111576.D

Acq: 18 Dec 2018 9:16

Instrument :

BNA_F

ClientSampleId :

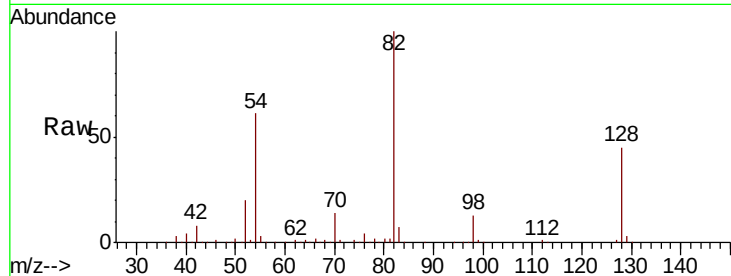
Tot Ion: 82 Resp: 568817

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

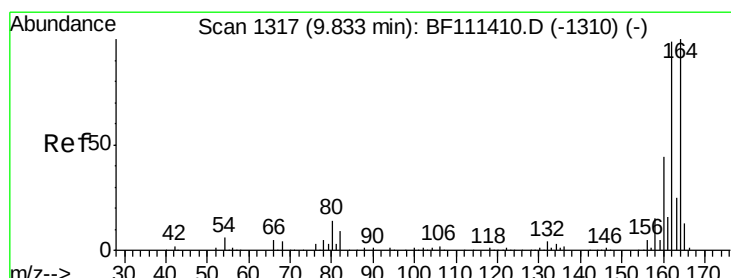
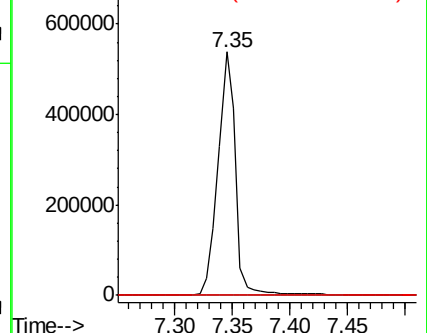
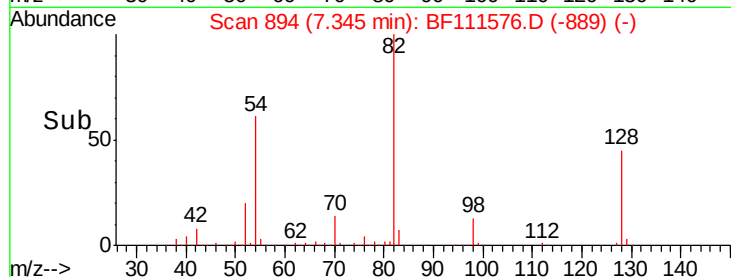
138 0.0 15.1 22.7#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111576.D

Acq: 18 Dec 2018 9:16

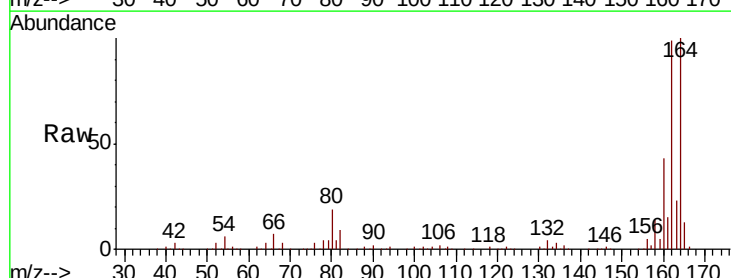
Tgt Ion: 164 Resp: 283257

Ion Ratio Lower Upper

164 100

162 98.9 81.4 122.0

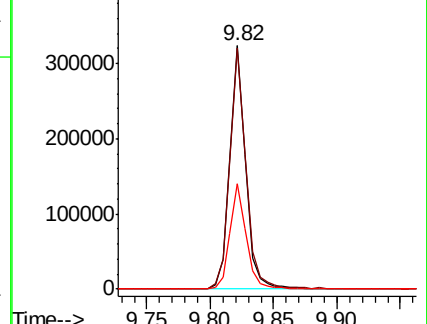
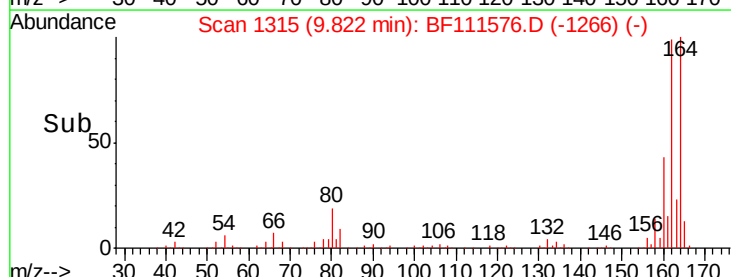
160 43.1 35.7 53.5

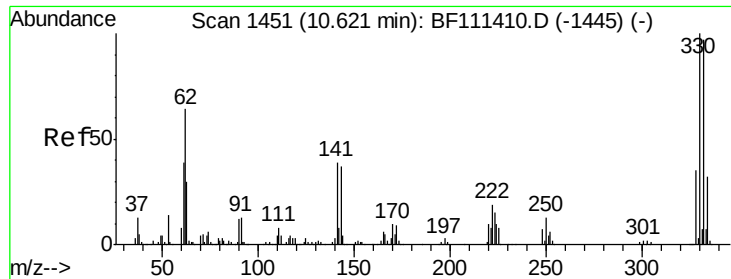


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

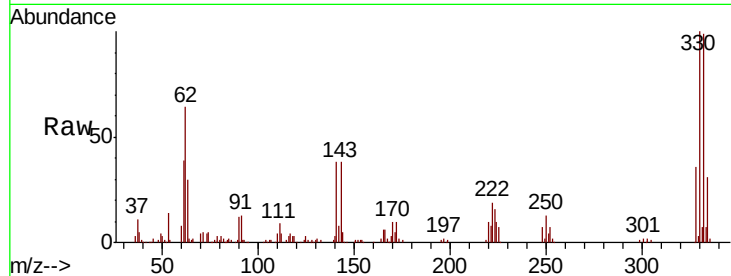




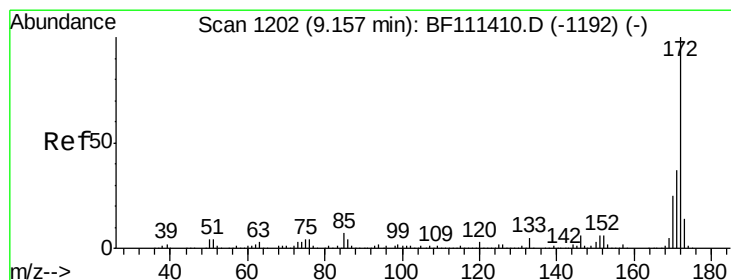
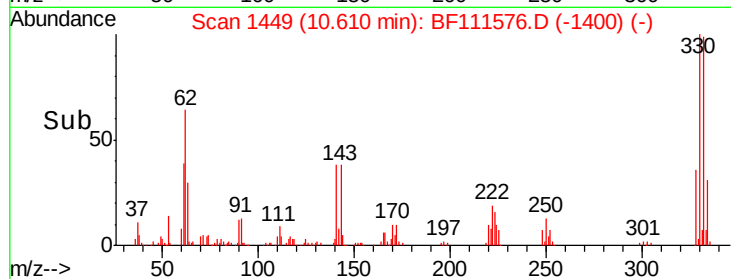
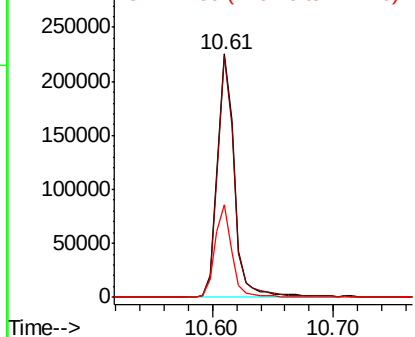
#42
 2,4,6-Tribromophenol
 Concen: 86.355 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF111576.D
 Acq: 18 Dec 2018 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 219115
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.0 114.0
 141 37.0 31.0 46.6

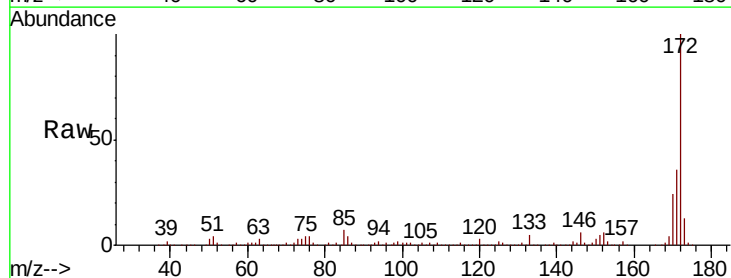


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

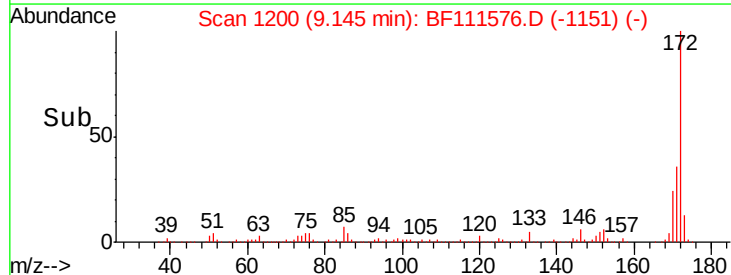
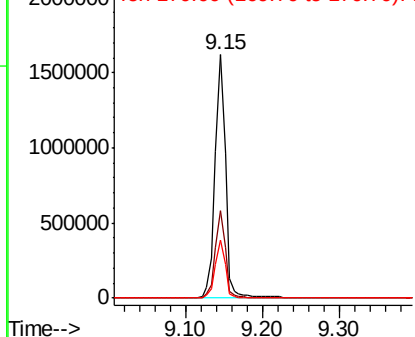


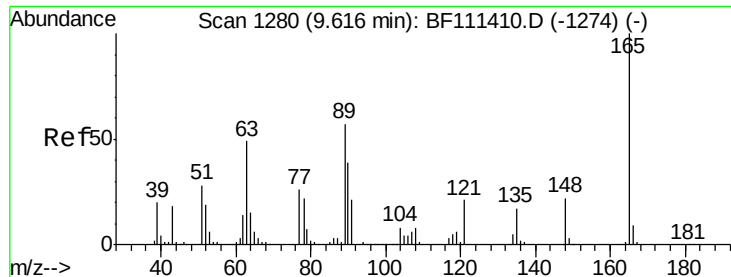
#45
 2-Fluorobiphenyl
 Concen: 82.072 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111576.D
 Acq: 18 Dec 2018 9:16

Tgt Ion:172 Resp: 1505034
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

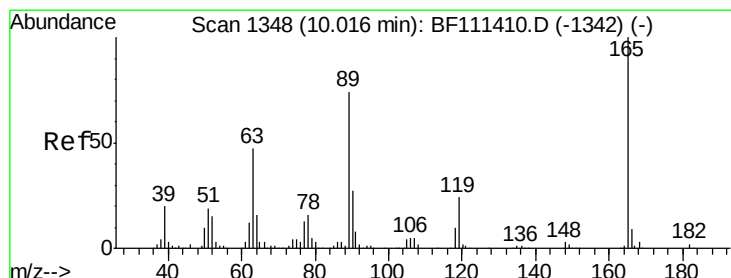
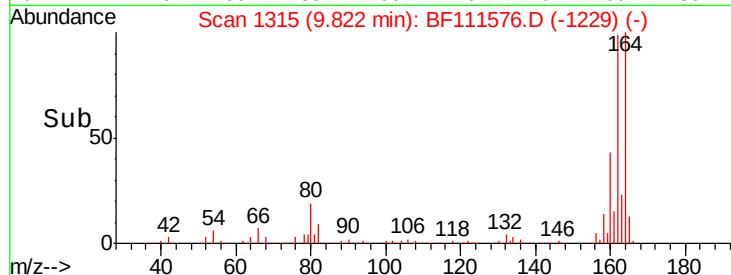
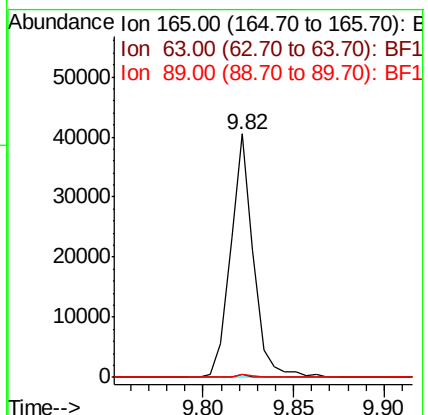
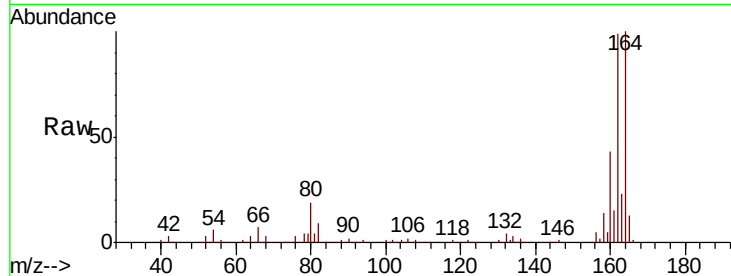




#51
 2,6-Dinitrotoluene
 Concen: 7.699 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF111576.D
 Acq: 18 Dec 2018 9:16

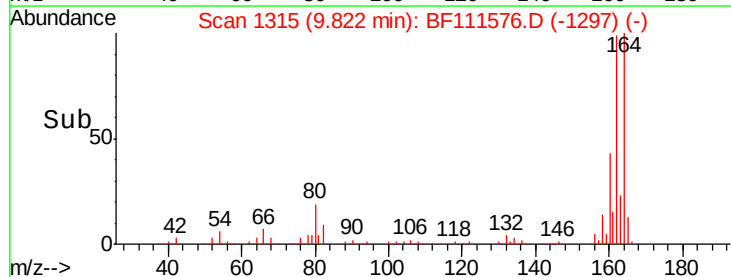
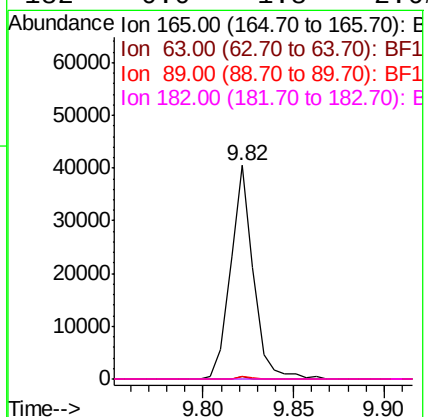
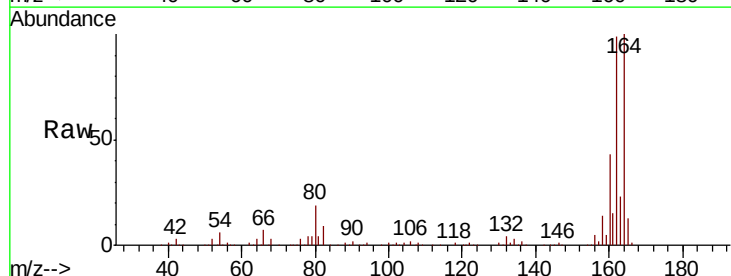
Instrument :
 BNA_F
 ClientSampleId :

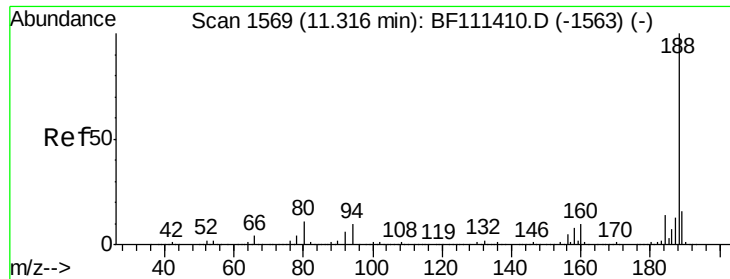
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.5	60.7#
89	1.0	40.0	60.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.866 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF111576.D
 Acq: 18 Dec 2018 9:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	1.0	56.2	84.4#
182	0.0	1.8	2.6#

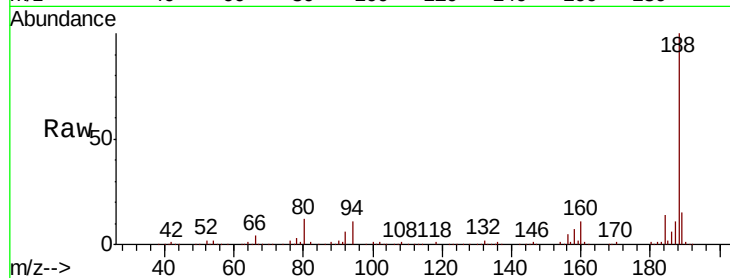




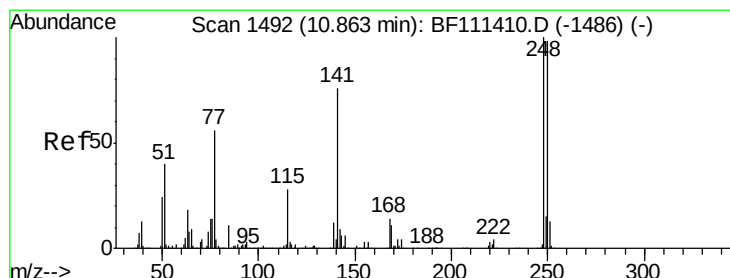
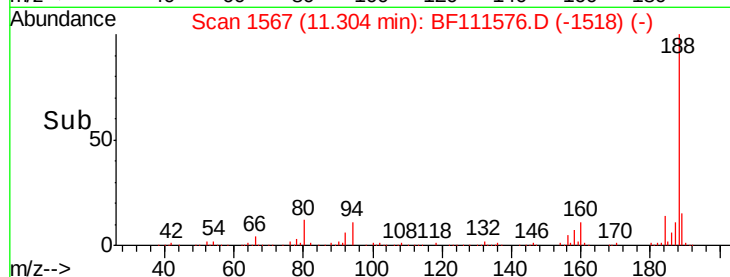
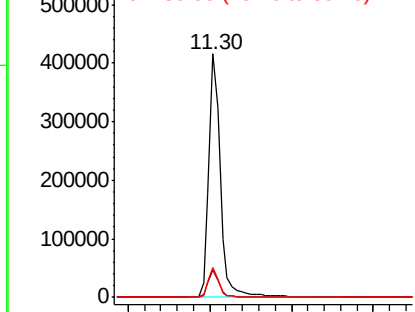
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111576.D
Acq: 18 Dec 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 410937
Ion Ratio Lower Upper
188 100
94 11.4 9.6 14.4
80 12.4 9.8 14.6

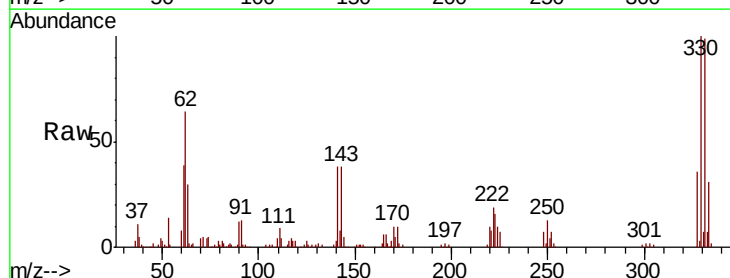


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

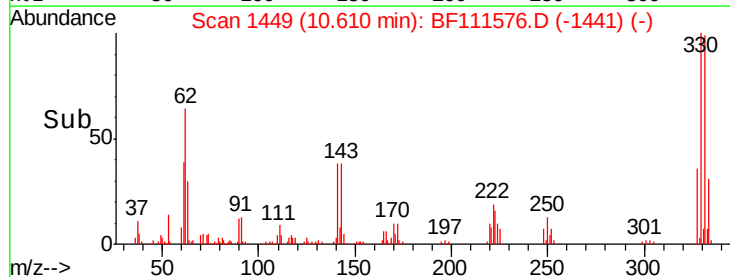
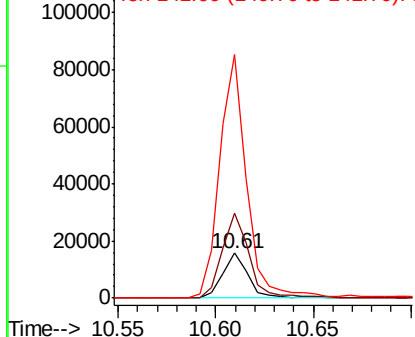


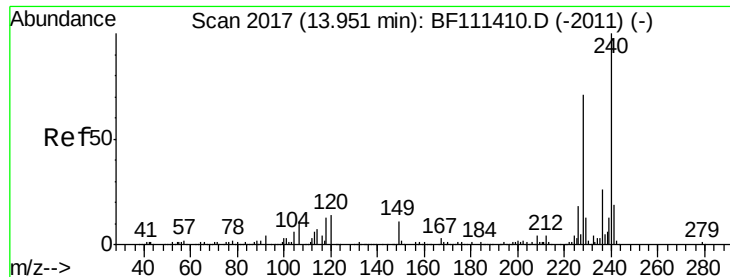
#67
4-Bromophenyl-phenylether
Concen: 3.243 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF111576.D
Acq: 18 Dec 2018 9:16

Tgt Ion:248 Resp: 14363
Ion Ratio Lower Upper
248 100
250 189.1 77.0 115.4#
141 545.0 63.0 94.6#



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

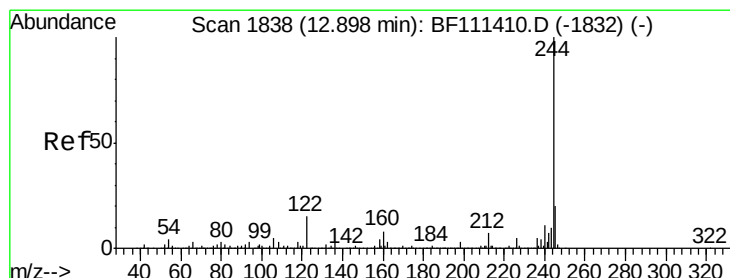
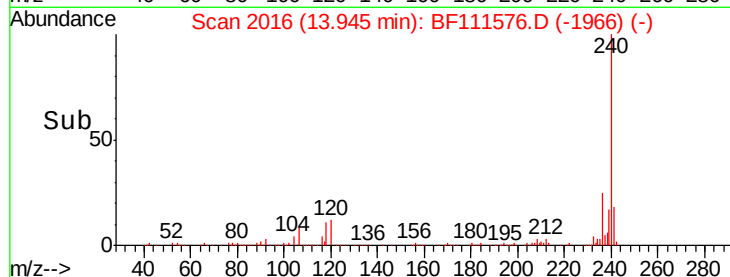
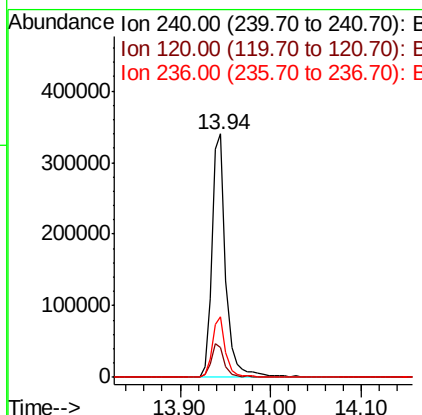
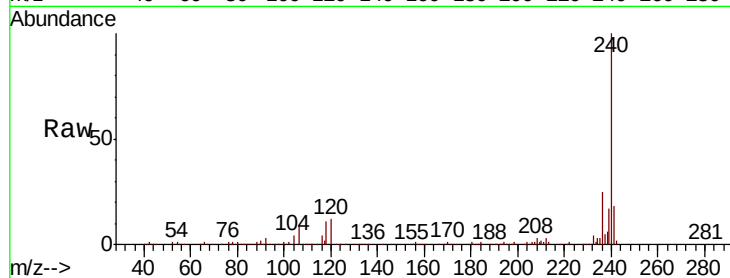




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF111576.D
 Acq: 18 Dec 2018 9:16

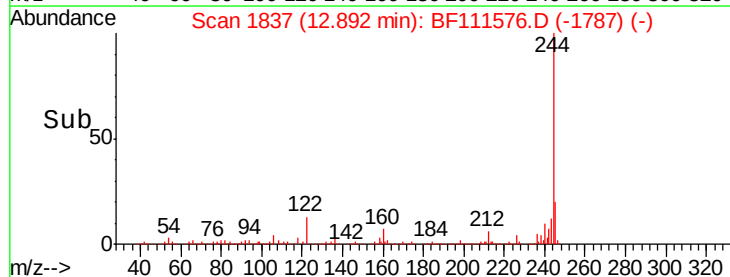
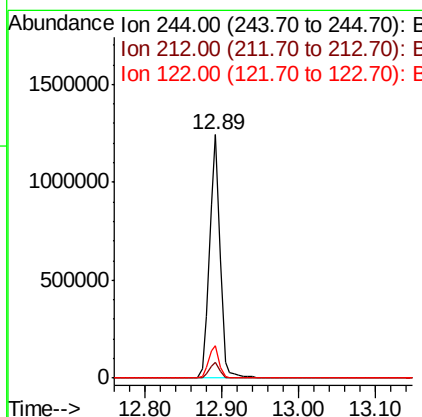
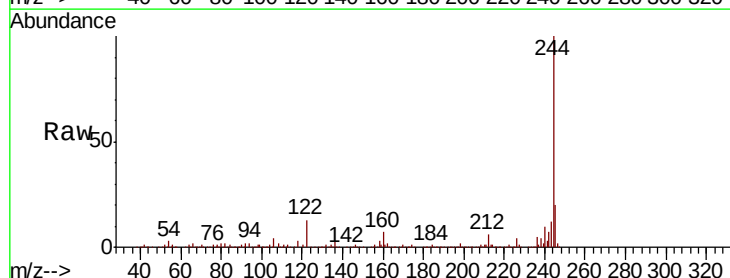
Instrument :
 BNA_F
 ClientSampleId :

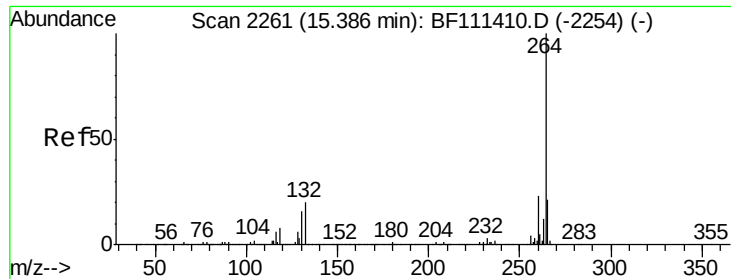
Tot Ion:240 Resp: 365055
 Ion Ratio Lower Upper
 240 100
 120 12.2 12.2 18.2
 236 25.0 20.2 30.2



#79
 Terphenyl-d14
 Concen: 75.036 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF111576.D
 Acq: 18 Dec 2018 9:16

Tgt Ion:244 Resp: 1166496
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.7 8.5
 122 13.4 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: BF111576.D
Acq: 18 Dec 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.3	27.5
265	19.7	17.7	26.5

