

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
 Data File : BF111195.D
 Acq On : 7 Dec 2018 19:05
 Operator : JU/SJ
 Sample : J6214-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(18-20)

Quant Time: Dec 07 22:25:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

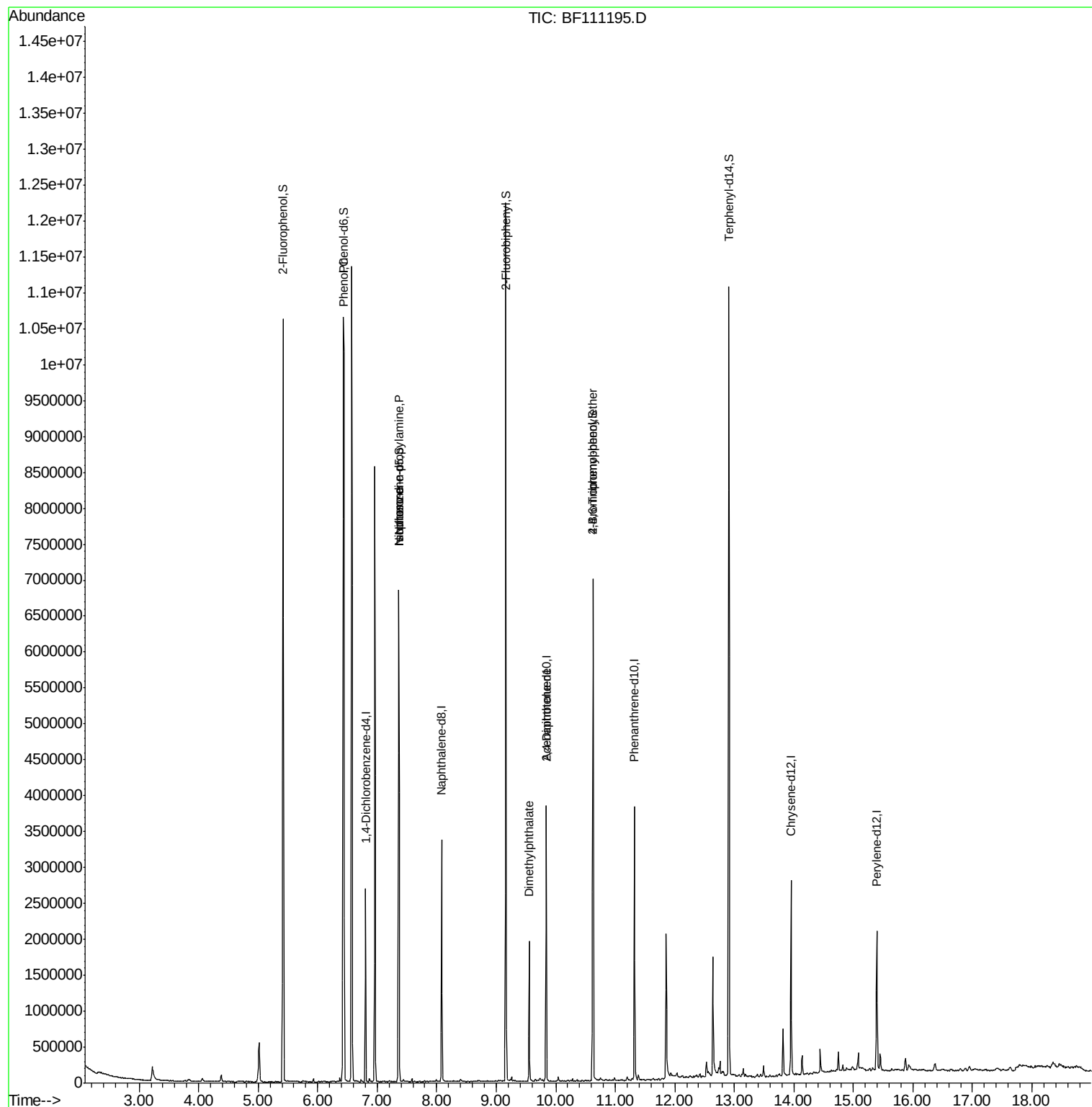
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	338268	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1376848	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	676402	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1204004	20.00	ng	0.00
76) Chrysene-d12	13.96	240	885985	20.00	ng	0.00
87) Perylene-d12	15.40	264	835445	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	3006538	138.69	ng	0.00
7) Phenol-d6	6.43	99	4148490	148.56	ng	0.00
23) Nitrobenzene-d5	7.36	82	2118163	91.08	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	726808	135.18	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3701024	104.60	ng	0.00
79) Terphenyl-d14	12.91	244	3498954	80.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	9196	Below Cal		Qvalue
10) Phenol	6.45	94	264352	8.682 ng	#	2
19) n-Nitroso-di-n-propylamine	7.36	70	288307	15.363 ng	#	94
25) Isophorone	7.36	82	2108684	49.406 ng	#	75
50) Dimethylphthalate	9.56	163	762879	16.206 ng	#	65
57) 2,4-Dinitrotoluene	9.84	165	85742	6.652 ng	#	97
67) 4-Bromophenyl-phenylether	10.63	248	47134	3.698 ng	#	23
					#	1

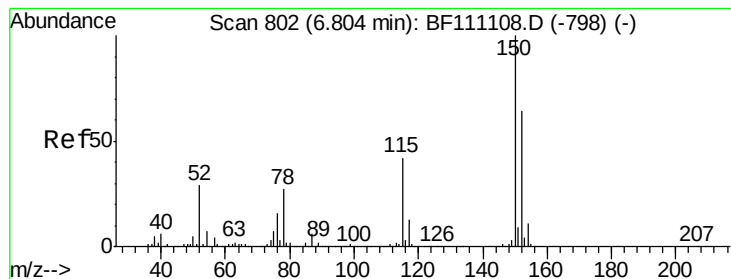
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111195.D
Acq On : 7 Dec 2018 19:05
Operator : JU/SJ
Sample : J6214-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9(18-20)

Quant Time: Dec 07 22:25:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration



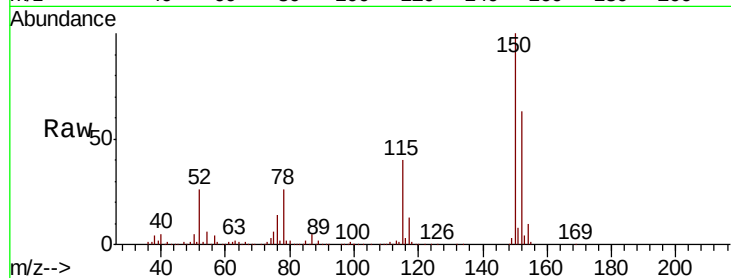


#1

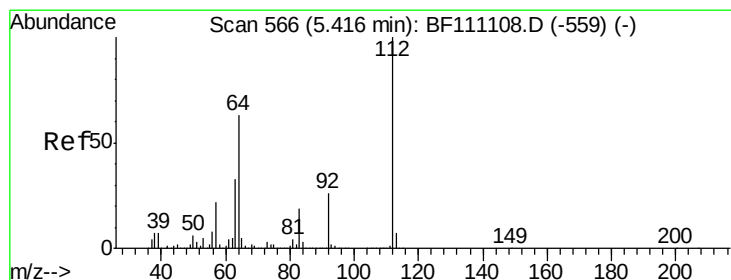
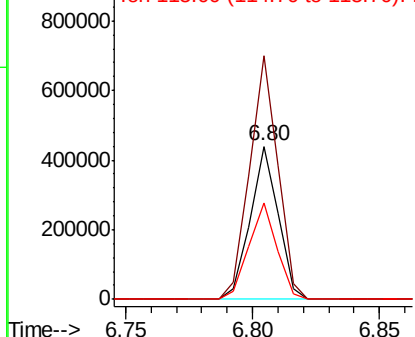
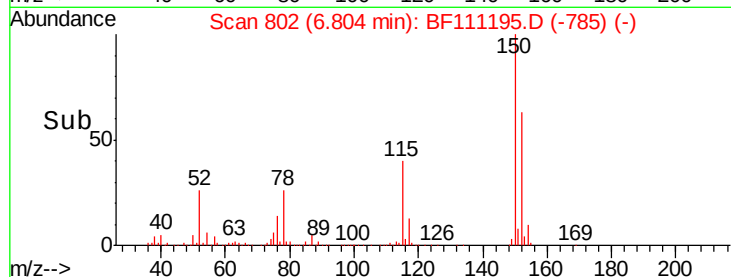
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111195.D
Acq: 7 Dec 2018 19:05

Instrument :
BNA_F
ClientSampleId :
SB-9(18-20)

Tgt Ion:152 Resp: 338268
Ion Ratio Lower Upper
152 100
150 158.9 124.6 187.0
115 63.1 52.2 78.2



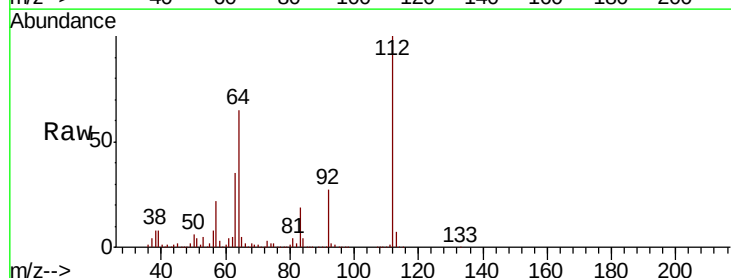
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



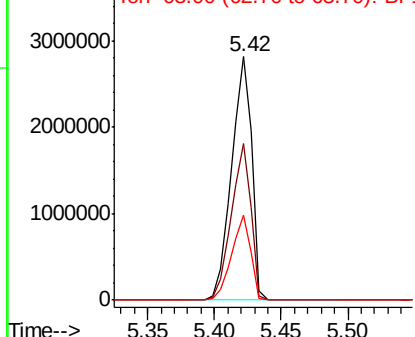
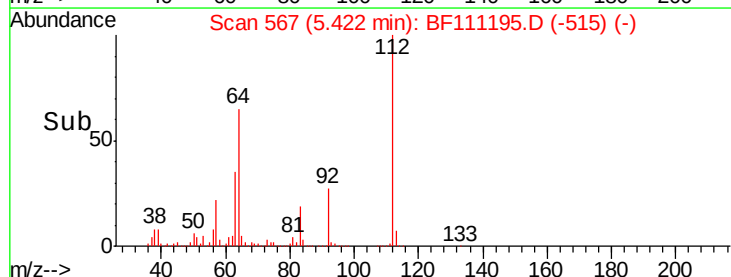
#5

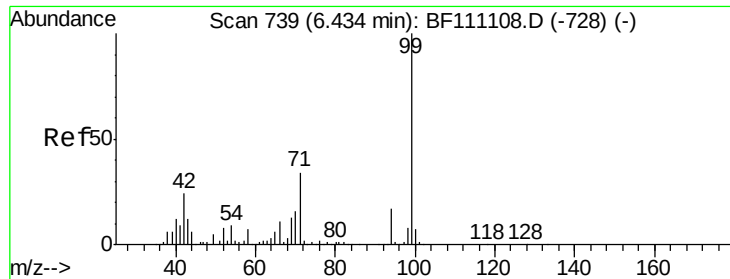
2-Fluorophenol
Concen: 138.694 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111195.D
Acq: 7 Dec 2018 19:05

Tgt Ion:112 Resp: 3006538
Ion Ratio Lower Upper
112 100
64 64.6 50.2 75.4
63 34.7 26.6 39.8



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: 148.561 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111195.D

Acq: 7 Dec 2018 19:05

Instrument :

BNA_F

ClientSampleId :

SB-9(18-20)

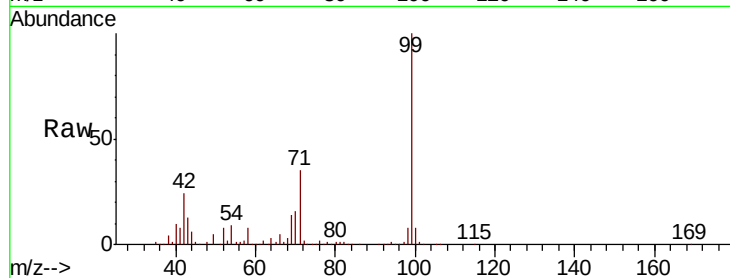
Tgt Ion: 99 Resp: 4148490

Ion Ratio Lower Upper

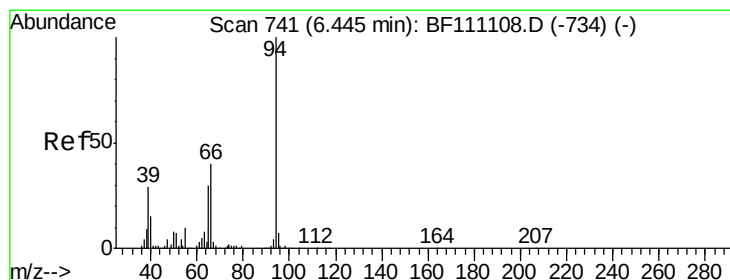
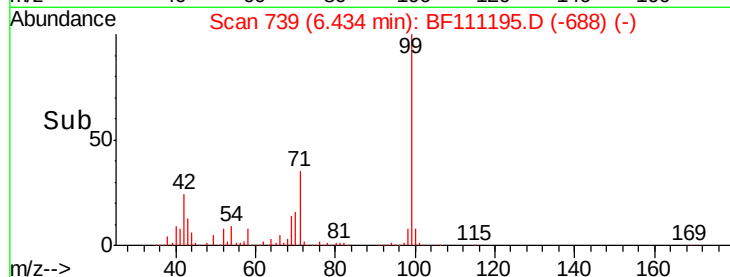
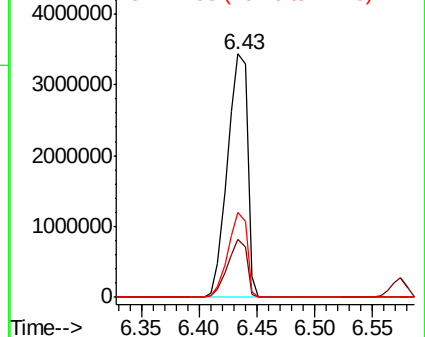
99 100

42 23.9 19.3 28.9

71 34.7 27.4 41.2



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: 8.682 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF111195.D

Acq: 7 Dec 2018 19:05

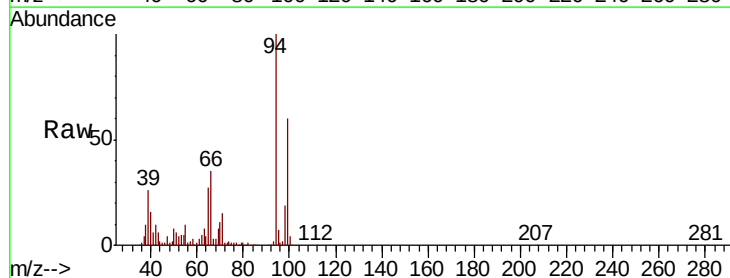
Tgt Ion: 94 Resp: 264352

Ion Ratio Lower Upper

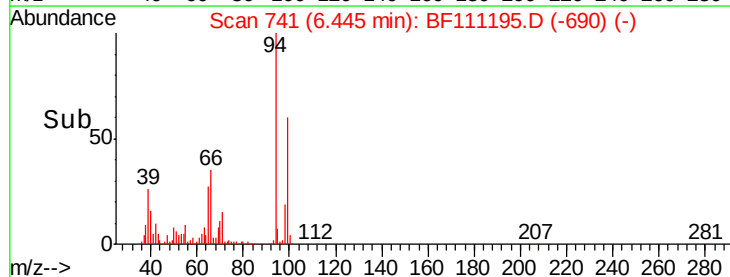
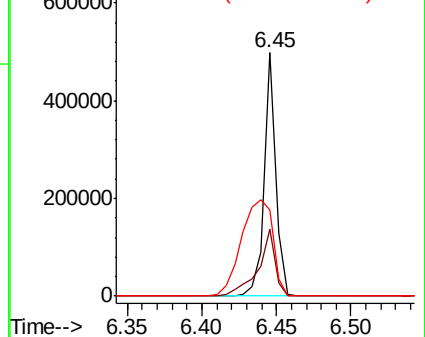
94 100

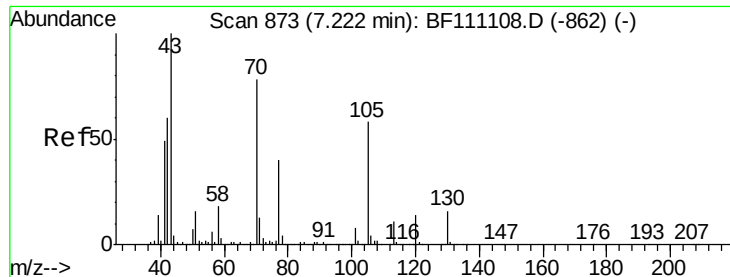
65 27.5 10.5 50.5

66 35.5 19.8 59.8



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

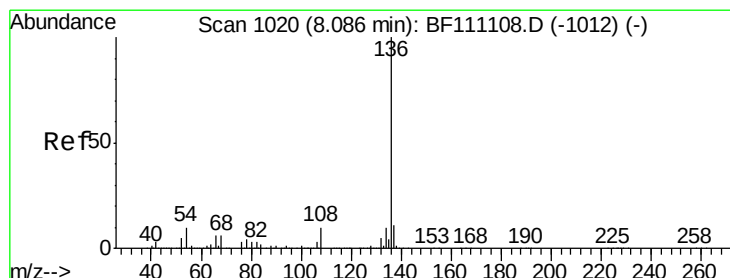
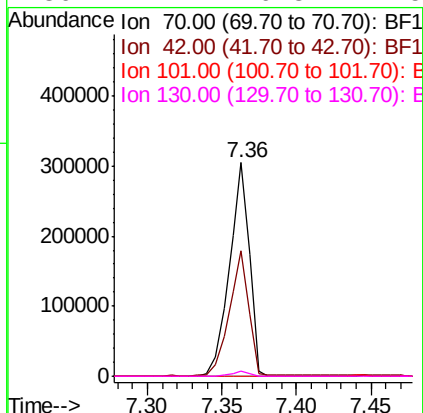
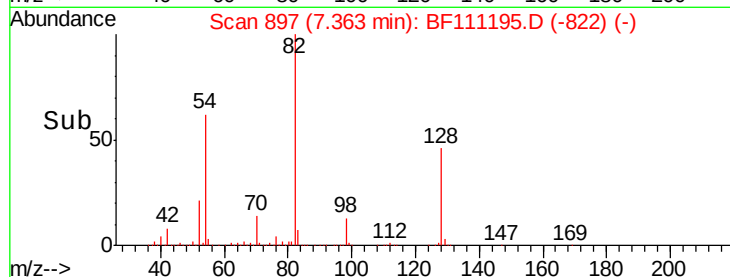
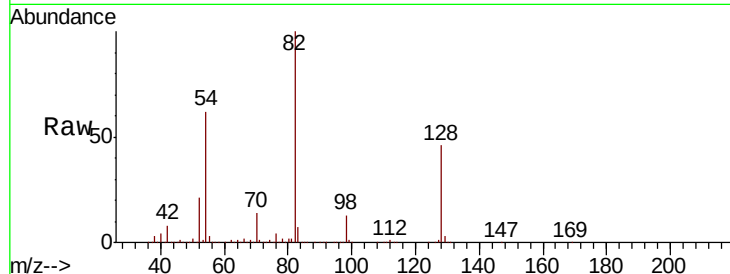




#19
n-Nitroso-di-n-propylamine
Concen: 15.363 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111195.D
Acq: 7 Dec 2018 19:05

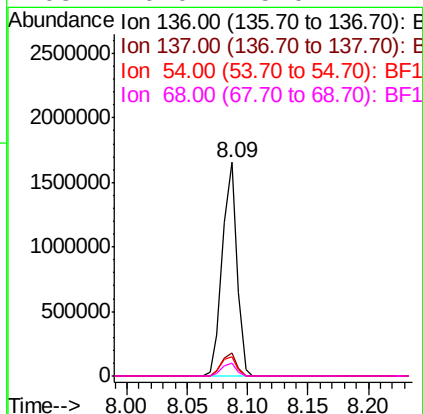
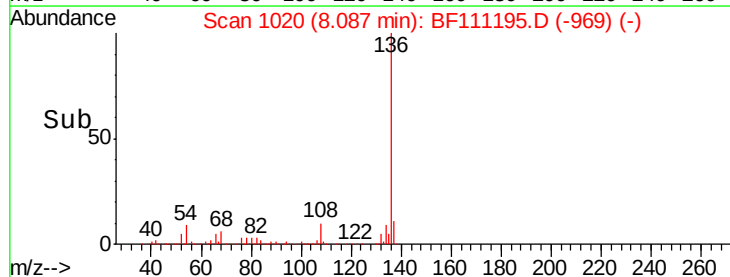
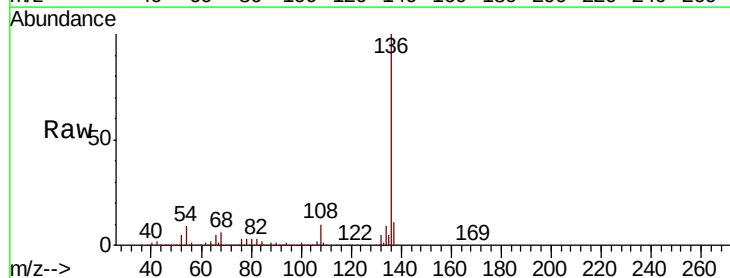
Instrument :
BNA_F
ClientSampleId :
SB-9(18-20)

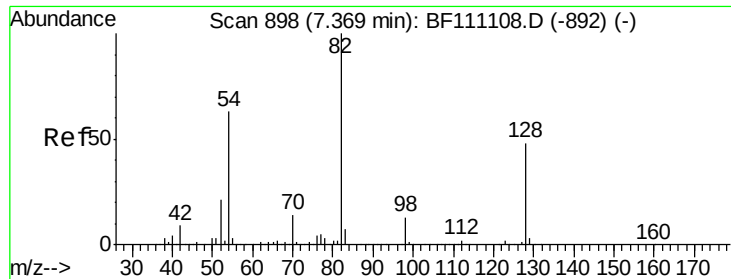
Tgt Ion: 70 Resp: 288307
Ion Ratio Lower Upper
70 100
42 58.7 61.3 91.9#
101 0.0 7.7 11.5#
130 2.2 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111195.D
Acq: 7 Dec 2018 19:05

Tgt Ion:136 Resp: 1376848
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.3 8.4 12.6
68 6.0 5.0 7.4

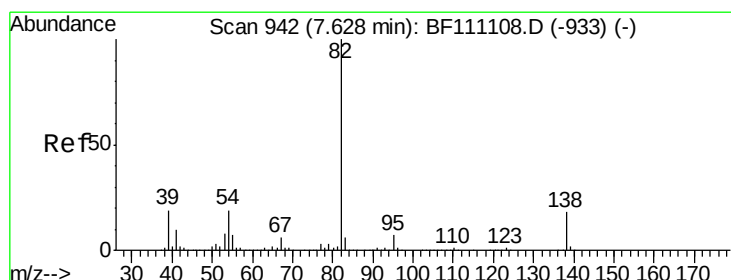
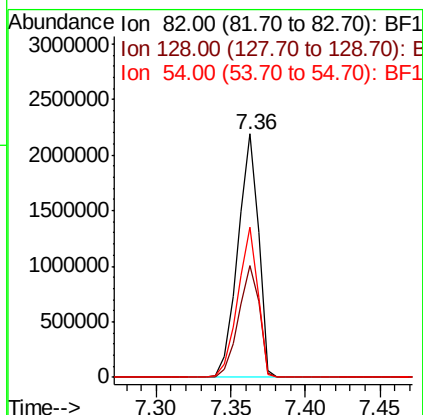
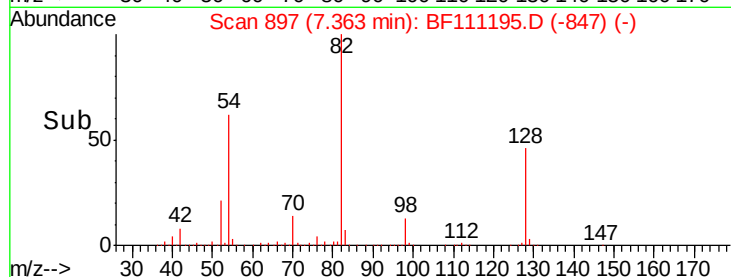
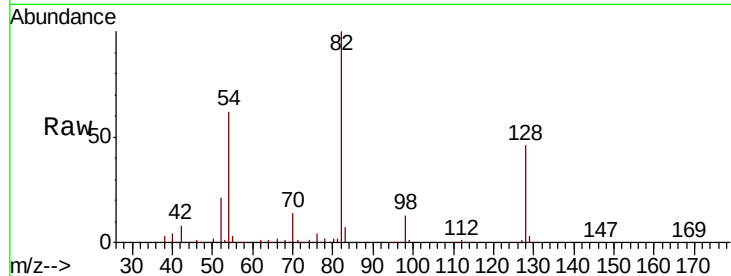




#23
 Nitrobenzene-d5
 Concen: 91.079 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF111195.D
 Acq: 7 Dec 2018 19:05

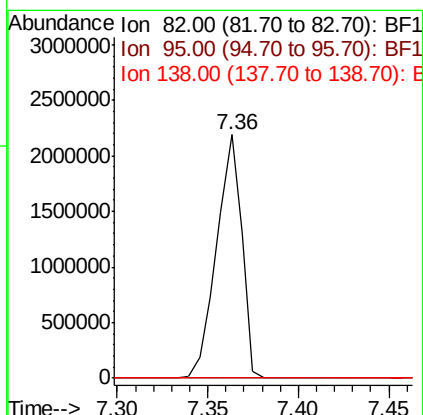
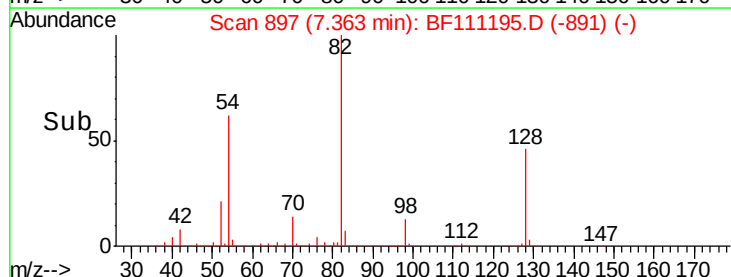
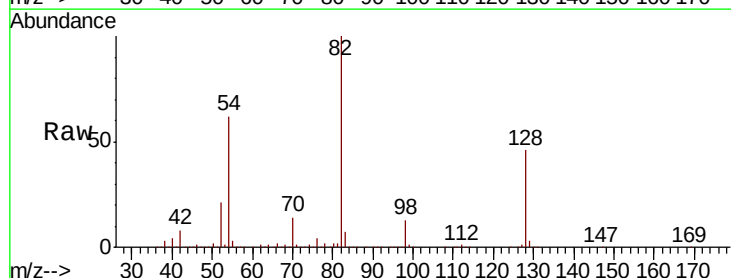
Instrument :
 BNA_F
 ClientSampleId :
 SB-9(18-20)

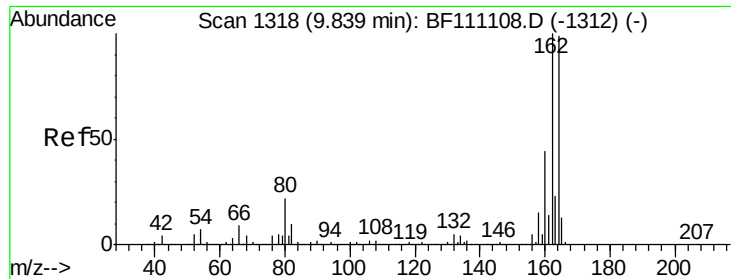
Tgt Ion: 82 Resp: 2118163
 Ion Ratio Lower Upper
 82 100
 128 46.1 38.1 57.1
 54 61.9 50.3 75.5



#25
 Isophorone
 Concen: 49.406 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF111195.D
 Acq: 7 Dec 2018 19:05

Tgt Ion: 82 Resp: 2108684
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

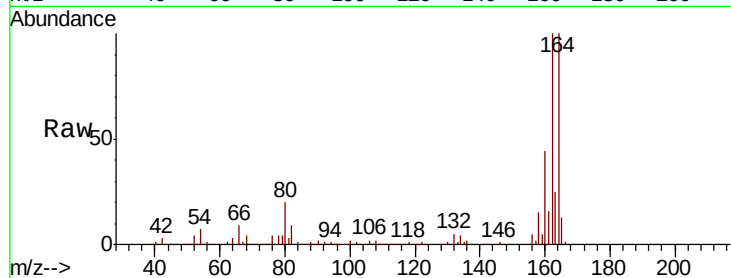




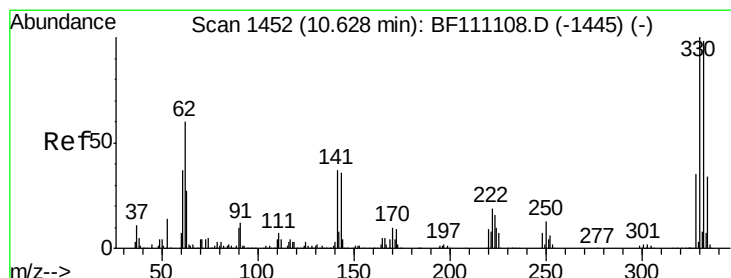
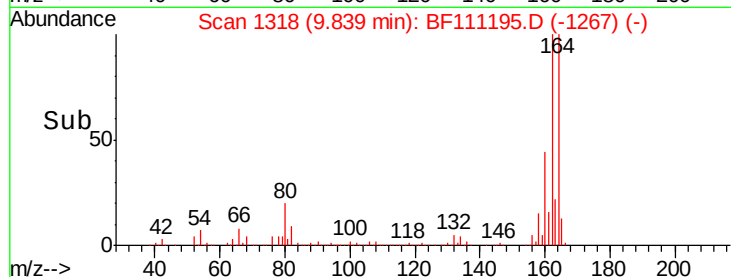
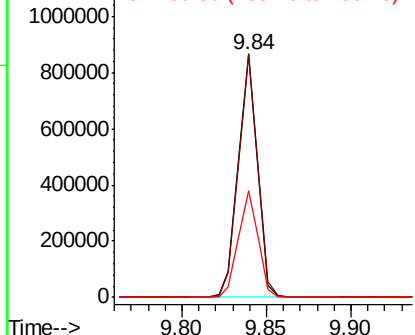
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111195.D
Acq: 7 Dec 2018 19:05

Instrument :
BNA_F
ClientSampleId :
SB-9(18-20)

Tgt Ion:164 Resp: 676402
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 44.1 35.5 53.3

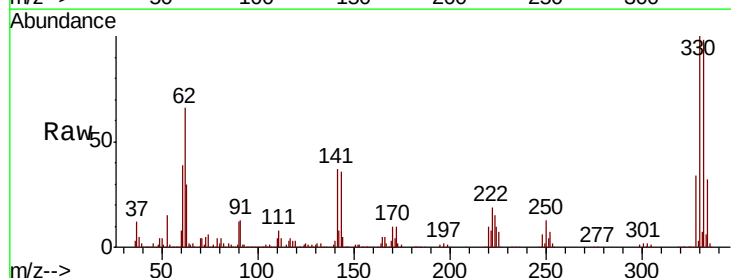


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

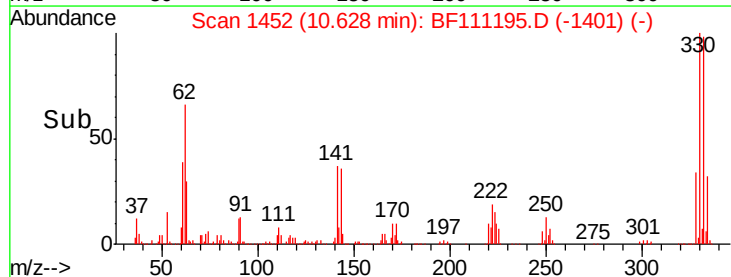
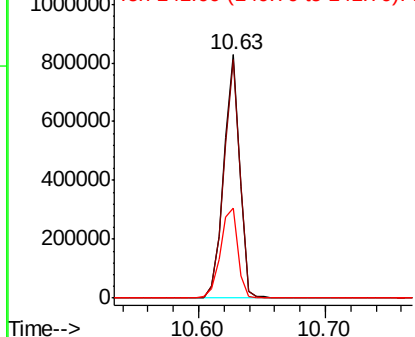


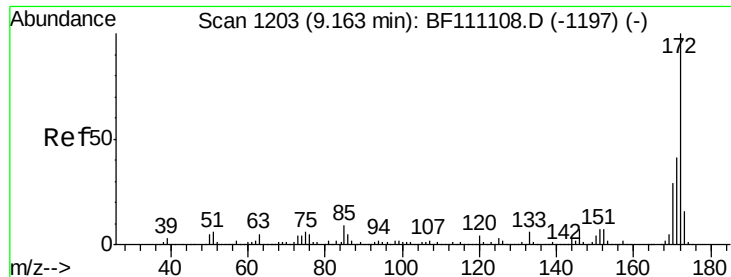
#42
2,4,6-Tribromophenol
Concen: 135.179 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF111195.D
Acq: 7 Dec 2018 19:05

Tgt Ion:330 Resp: 726808
Ion Ratio Lower Upper
330 100
332 97.8 77.2 115.8
141 40.7 36.1 54.1



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

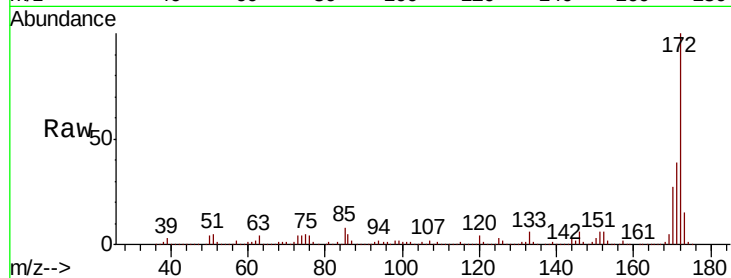




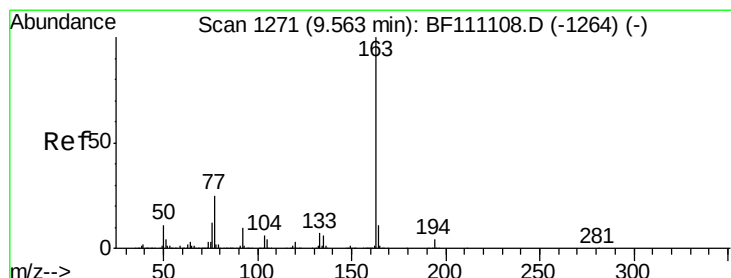
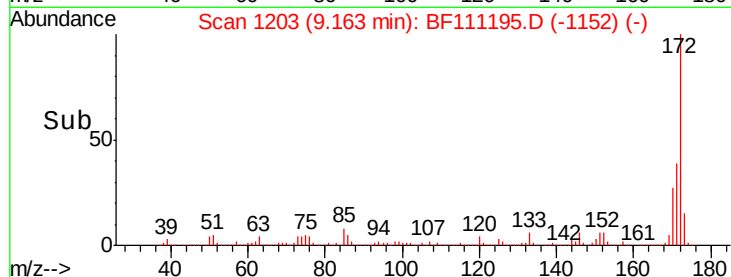
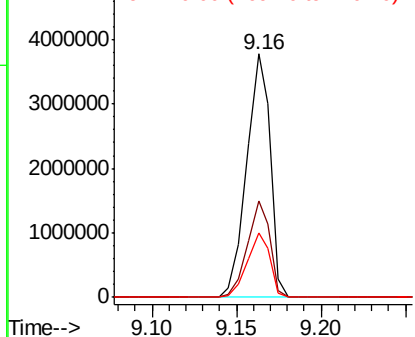
#45
 2-Fluorobiphenyl
 Concen: 104.598 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF111195.D
 Acq: 7 Dec 2018 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(18-20)

Tgt Ion:172 Resp: 3701024
 Ion Ratio Lower Upper
 172 100
 171 39.4 33.2 49.8
 170 26.6 22.9 34.3

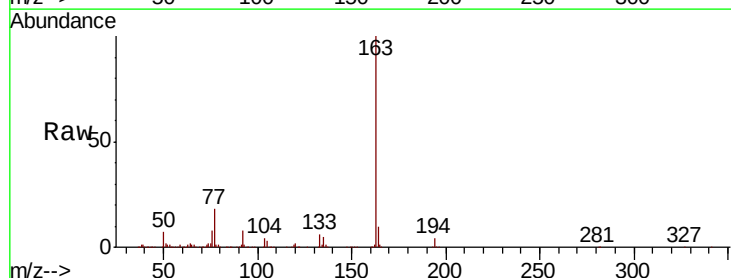


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

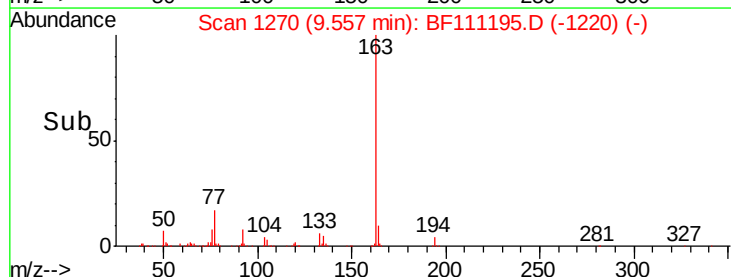
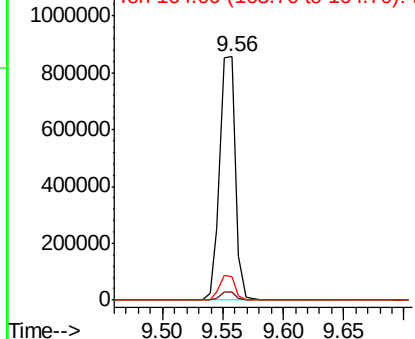


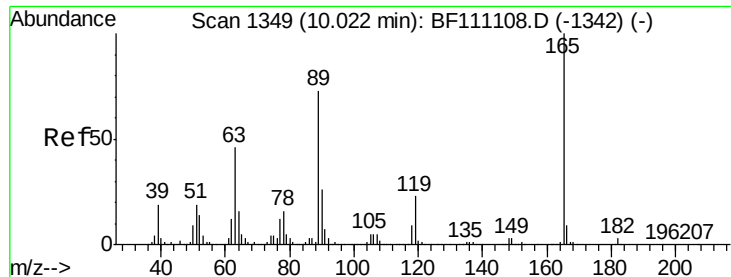
#50
 Dimethylphthalate
 Concen: 16.206 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF111195.D
 Acq: 7 Dec 2018 19:05

Tgt Ion:163 Resp: 762879
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.0 4.4
 164 9.8 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

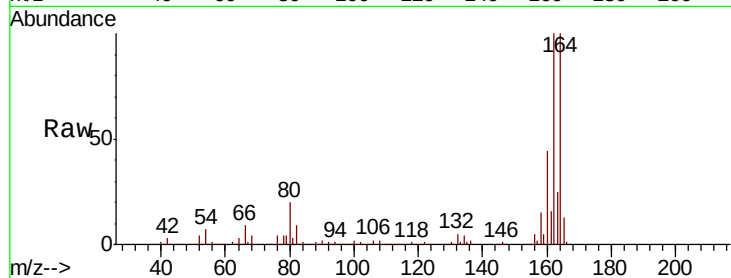




#57
2,4-Dinitrotoluene
Concen: 6.652 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111195.D
Acq: 7 Dec 2018 19:05

Instrument :
BNA_F
ClientSampleId :
SB-9(18-20)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.4	58.4	87.6#
182	0.0	2.1	3.1#

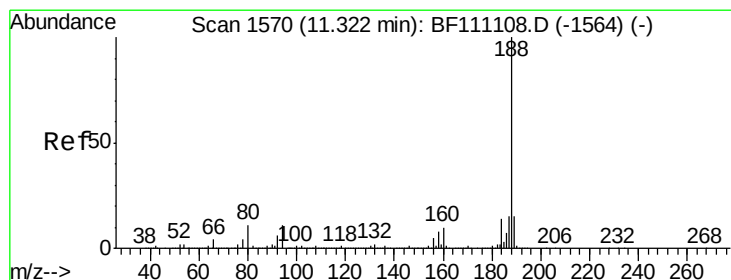
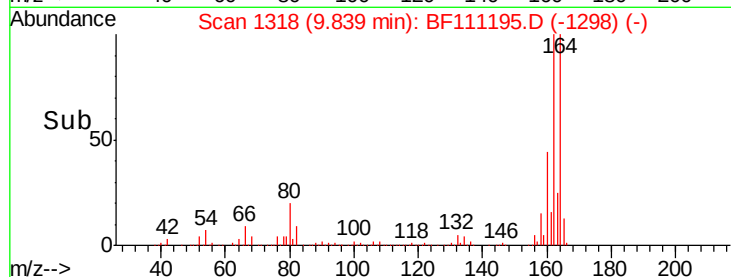
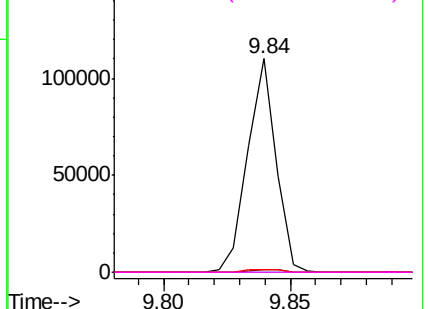


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

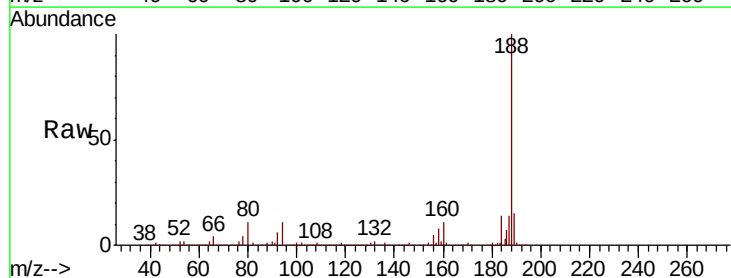
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111195.D
Acq: 7 Dec 2018 19:05

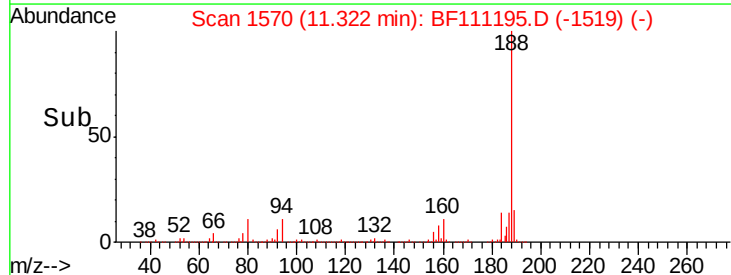
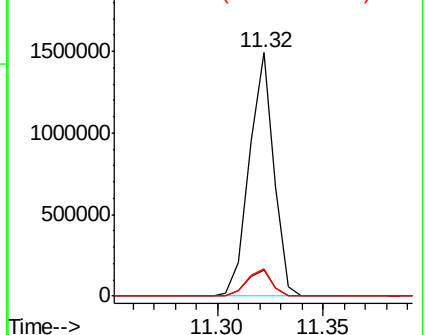
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.2	9.0	13.6

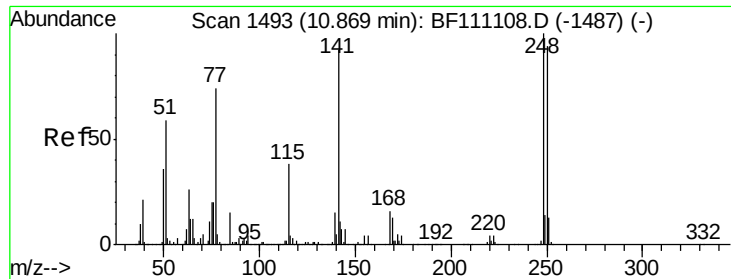


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

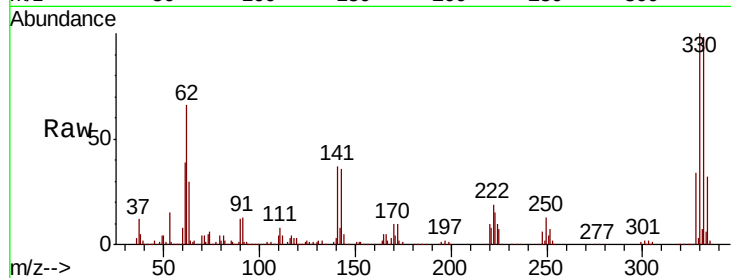




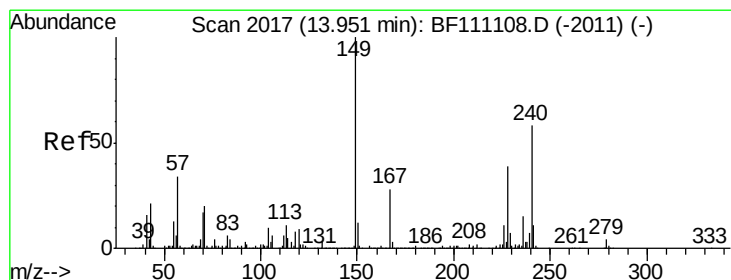
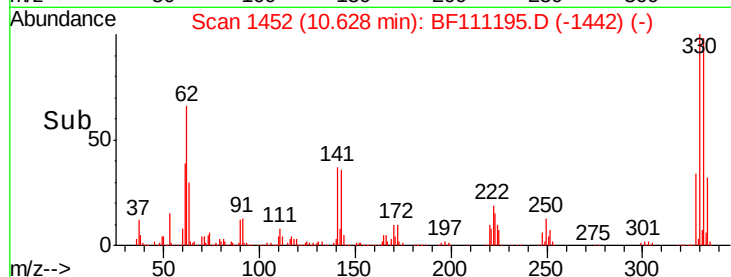
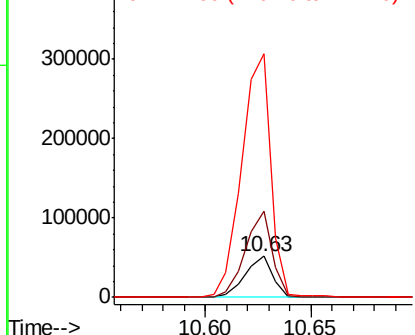
#67
4-Bromophenyl-phenylether
Concen: 3.698 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111195.D
Acq: 7 Dec 2018 19:05

Instrument :
BNA_F
ClientSampleId :
SB-9(18-20)

Tgt Ion:248 Resp: 47134
Ion Ratio Lower Upper
248 100
250 210.4 75.4 113.0#
141 593.7 73.8 110.6#

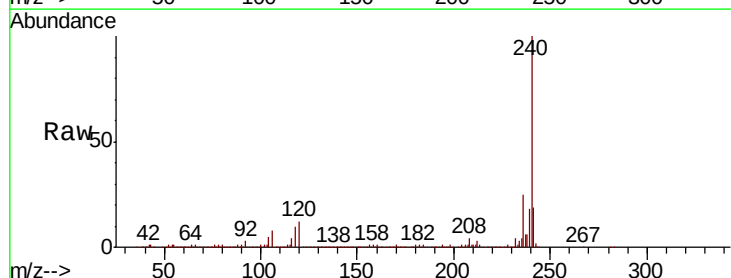


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

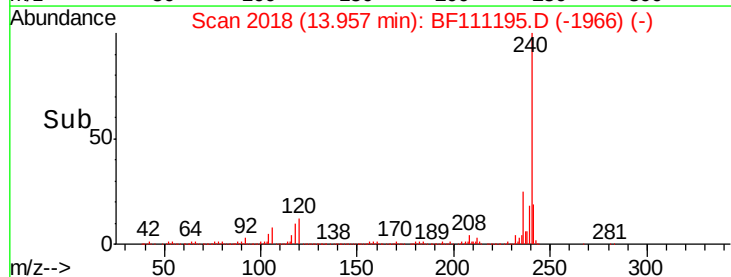
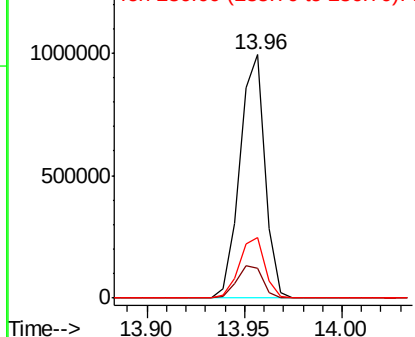


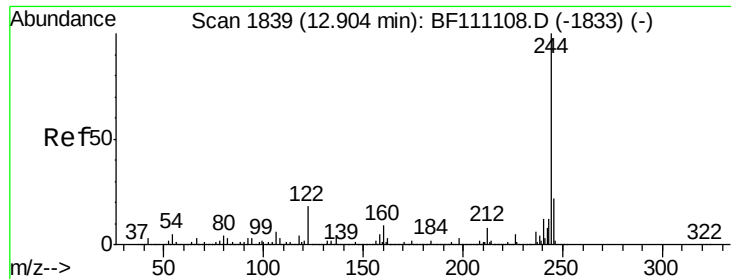
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111195.D
Acq: 7 Dec 2018 19:05

Tgt Ion:240 Resp: 885985
Ion Ratio Lower Upper
240 100
120 12.1 12.8 19.2#
236 25.1 21.1 31.7



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

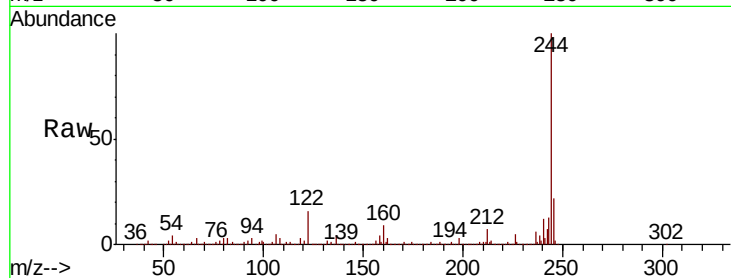




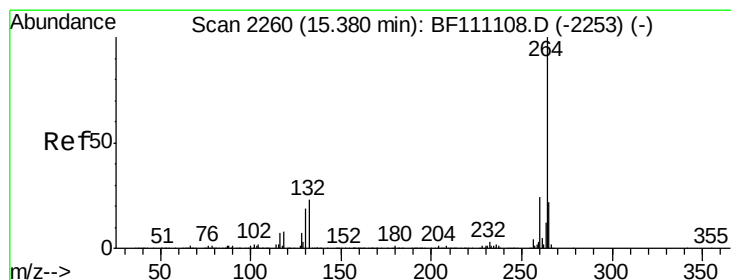
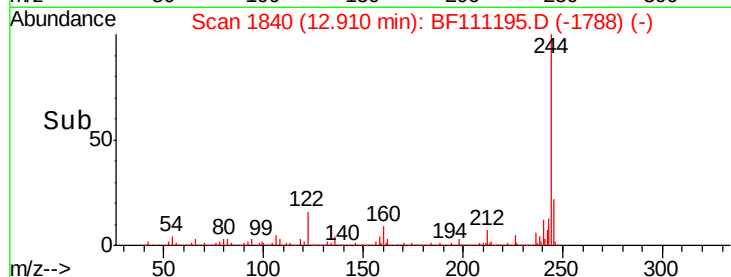
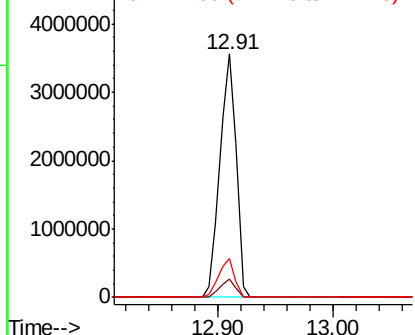
#79
 Terphenyl-d14
 Concen: 80.880 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111195.D
 Acq: 7 Dec 2018 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(18-20)

Tgt Ion:244 Resp: 3498954
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 9.8
 122 16.2 14.2 21.2

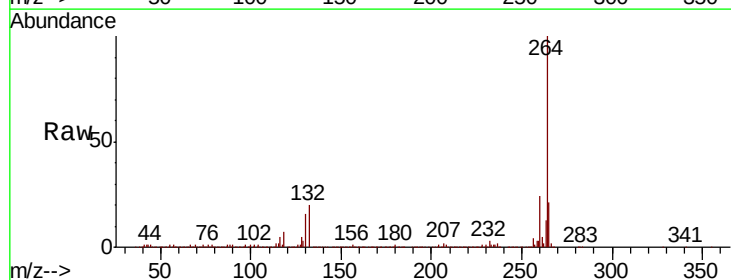


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.02 min
 Lab File: BF111195.D
 Acq: 7 Dec 2018 19:05

Tgt Ion:264 Resp: 835445
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 20.8 17.4 26.0



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

