

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118279.D
 Acq On : 19 Dec 2019 15:06
 Operator : JU
 Sample : PB125583BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:11:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

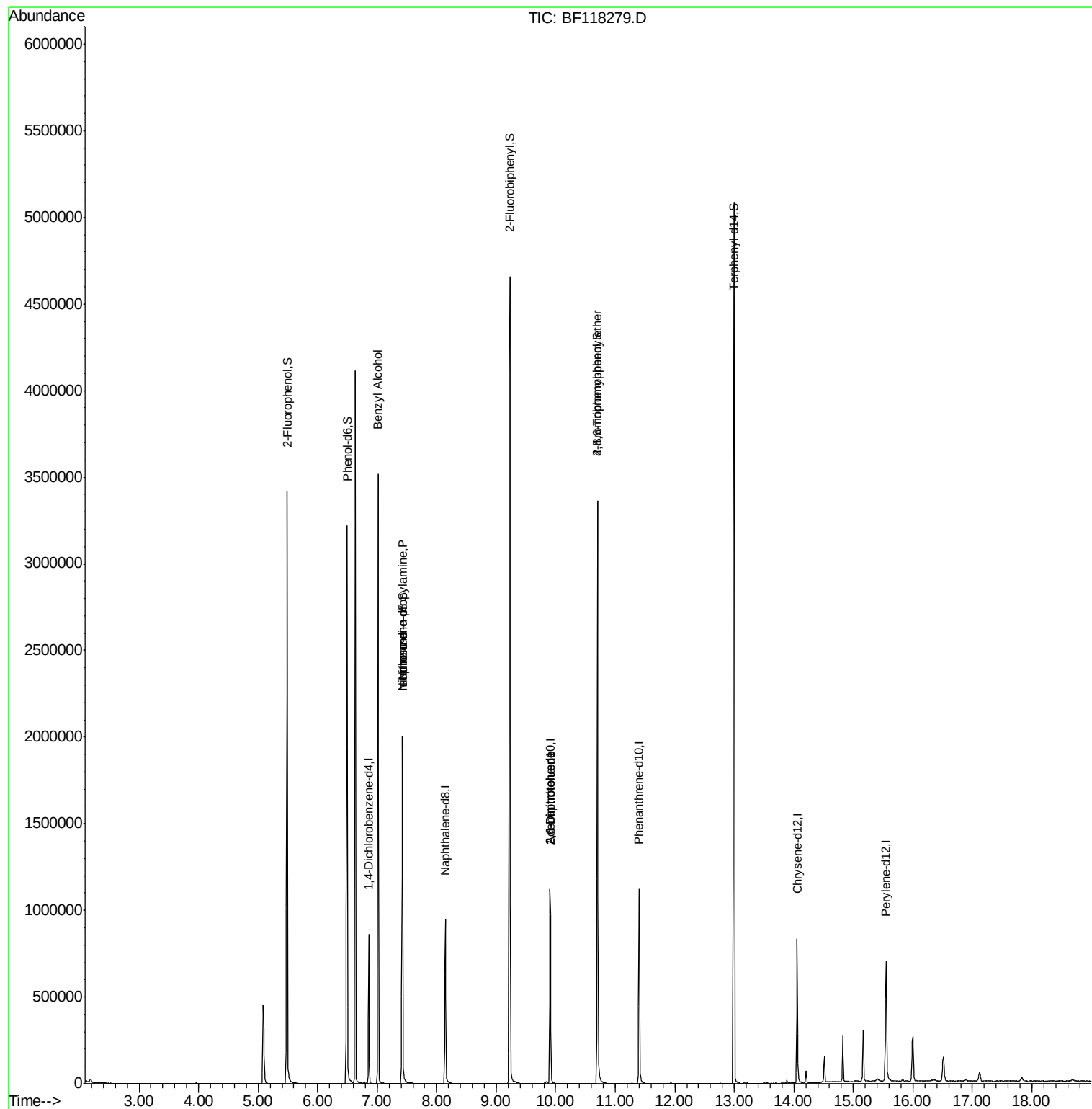
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125052	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	482304	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	260850	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	493813	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	320115	20.00	ng	-0.02
87) Perylene-d12	15.54	264	260896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1029344	144.17	ng	0.00
7) Phenol-d6	6.50	99	1285322	148.84	ng	0.00
23) Nitrobenzene-d5	7.43	82	780405	91.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	453649	143.16	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1613272	94.11	ng	-0.01
79) Terphenyl-d14	12.99	244	1972800	105.98	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	2029	Below Cal	#	1
15) Benzyl Alcohol	7.02	79	13570	2.013 ng	#	45
19) n-Nitroso-di-n-propylamine	7.43	70	104423	19.899 ng	#	77
25) Isophorone	7.43	82	770563	53.021 ng	#	62
51) 2,6-Dinitrotoluene	9.90	165	32562	7.772 ng	#	26
57) 2,4-Dinitrotoluene	9.90	165	32562	5.823 ng	#	24
67) 4-Bromophenyl-phenylether	10.70	248	27921	4.953 ng	#	1

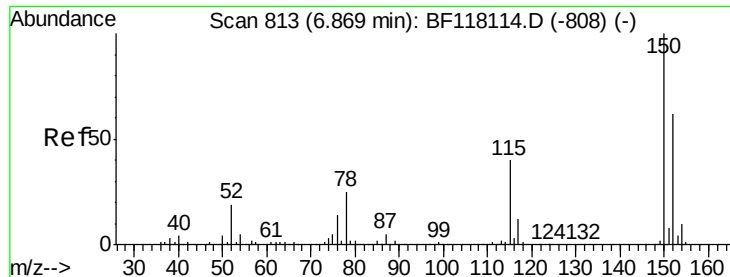
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118279.D
Acq On : 19 Dec 2019 15:06
Operator : JU
Sample : PB125583BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 20 02:11:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



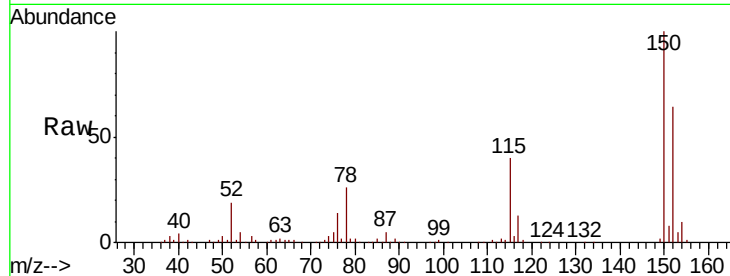


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	128.3	192.5
115	61.7	51.1	76.7

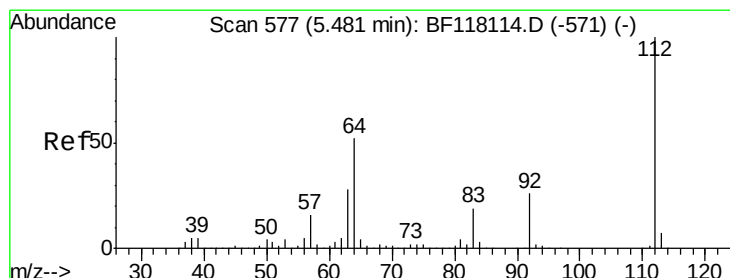
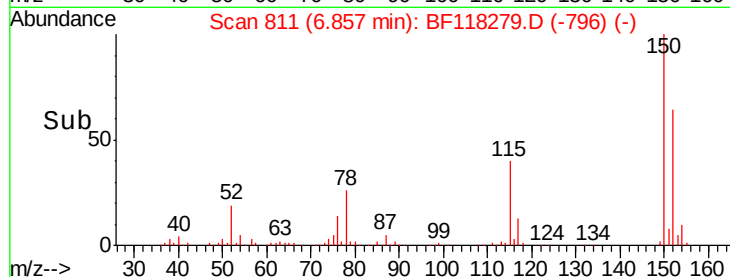
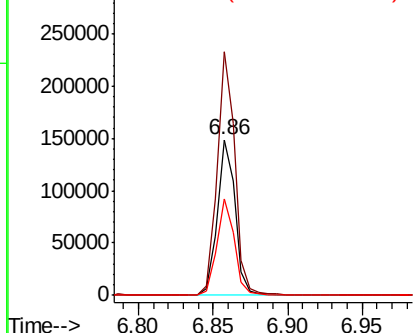


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

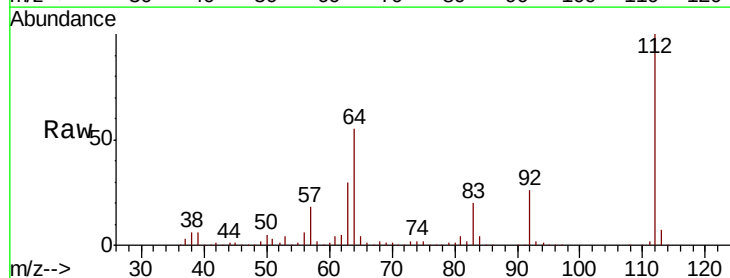
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.169 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	41.3	61.9
63	30.2	22.4	33.6

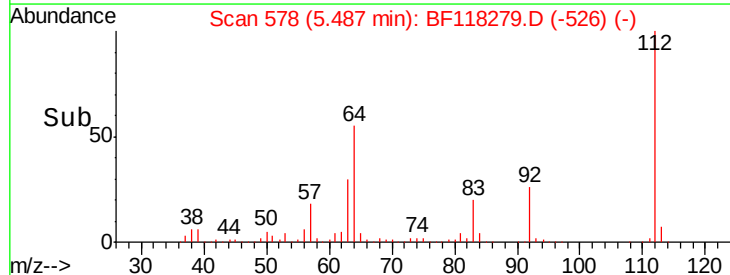
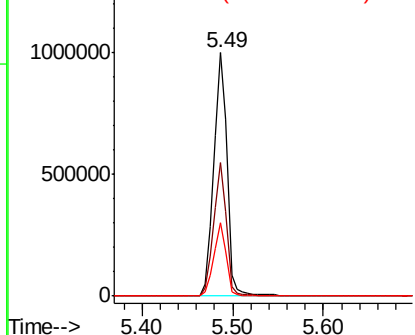


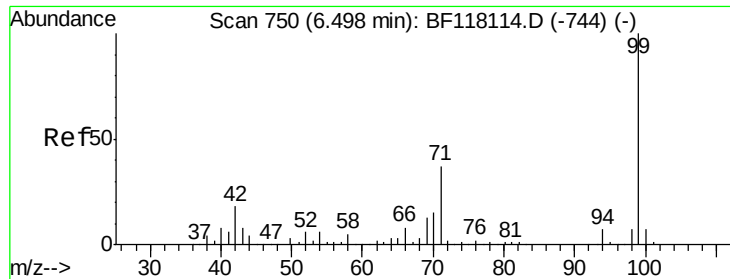
Abundance

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: 148.835 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118279.D

Acq: 19 Dec 2019 15:06

Instrument :

BNA_F

ClientSampleId :

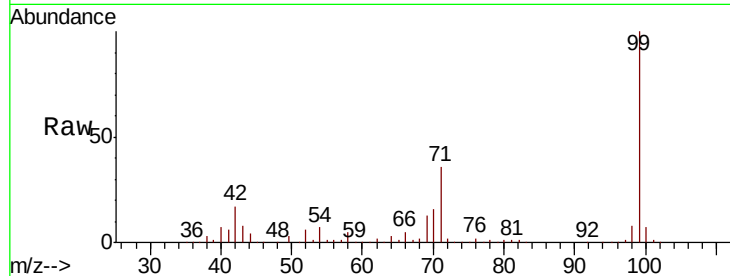
Tot Ion: 99 Resp: 1285322

Ion Ratio Lower Upper

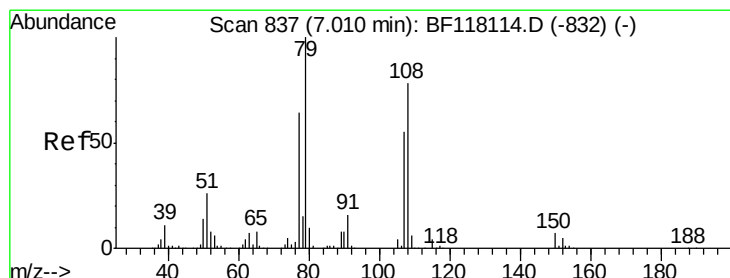
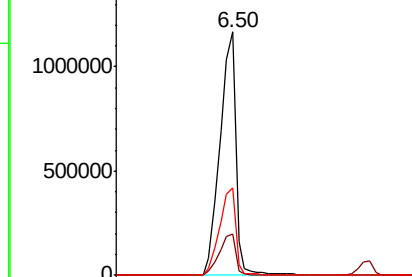
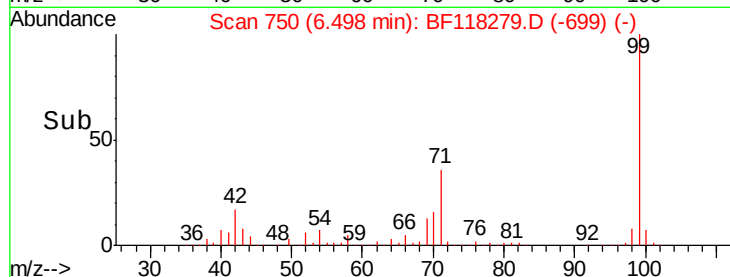
99 100

42 17.1 14.1 21.1

71 36.1 29.7 44.5



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



#15

Benzyl Alcohol

Concen: 2.013 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118279.D

Acq: 19 Dec 2019 15:06

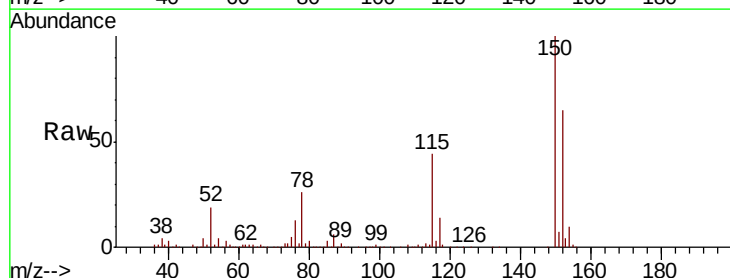
Tgt Ion: 79 Resp: 13570

Ion Ratio Lower Upper

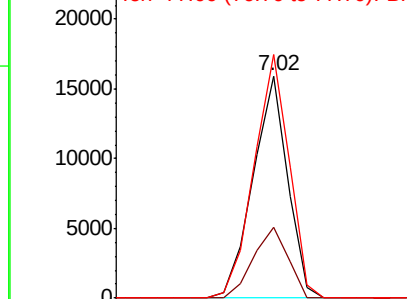
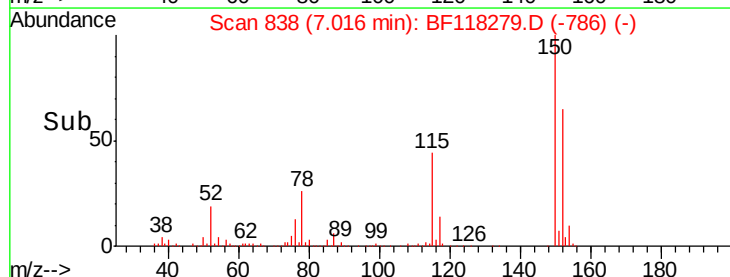
79 100

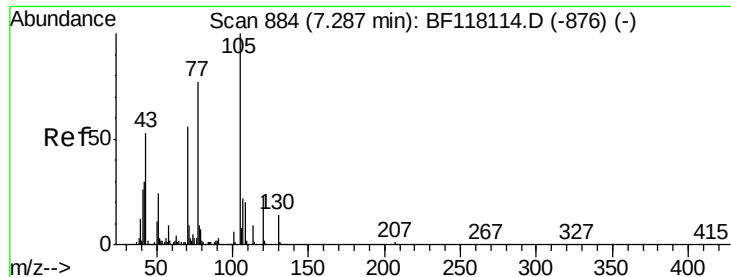
108 31.8 62.7 94.1#

77 109.6 51.4 77.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 19.899 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF118279.D

Acq: 19 Dec 2019 15:06

Instrument :

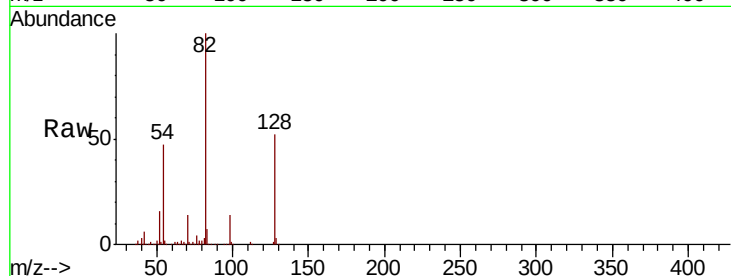
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 104423

Ion Ratio Lower Upper

70	100		
42	44.7	43.2	64.8
101	0.0	8.1	12.1#
130	2.6	19.8	29.8#

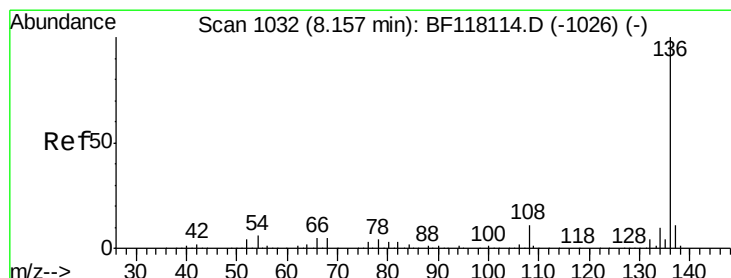
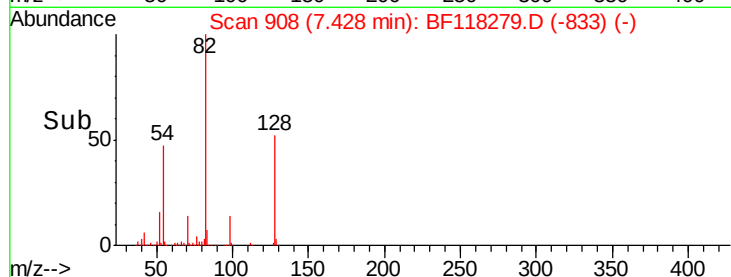
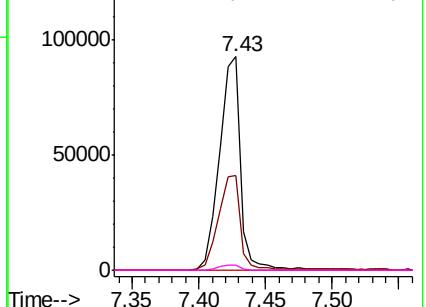


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118279.D

Acq: 19 Dec 2019 15:06

Tgt Ion: 136 Resp: 482304

Ion Ratio Lower Upper

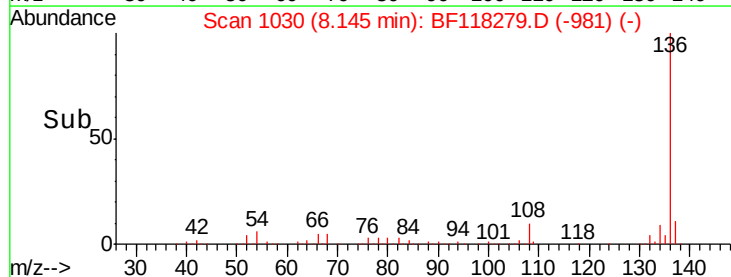
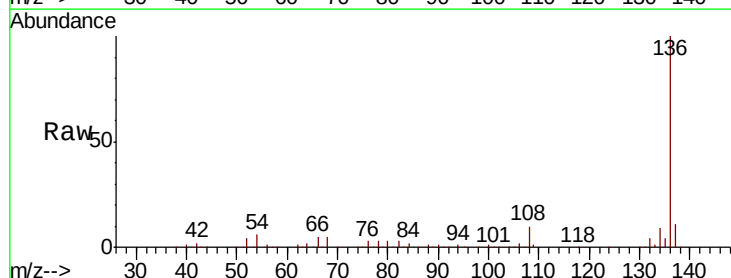
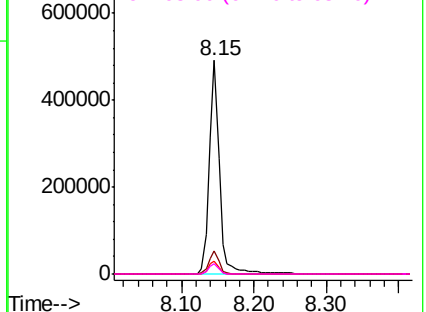
136	100		
137	11.1	9.0	13.6
54	5.9	5.0	7.6
68	4.5	3.8	5.8

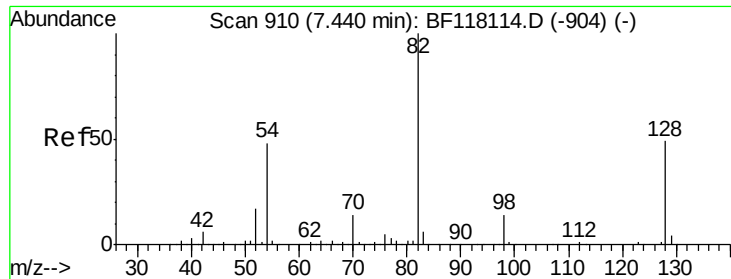
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

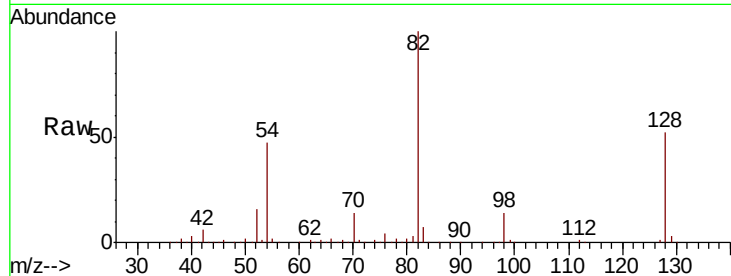




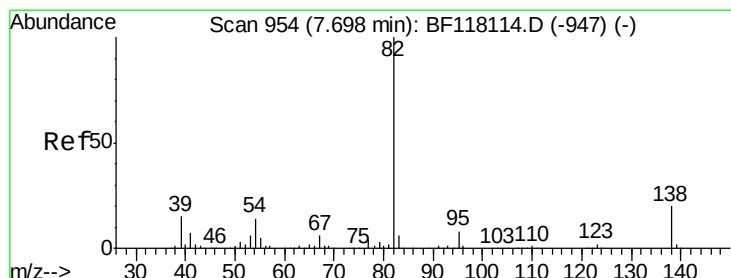
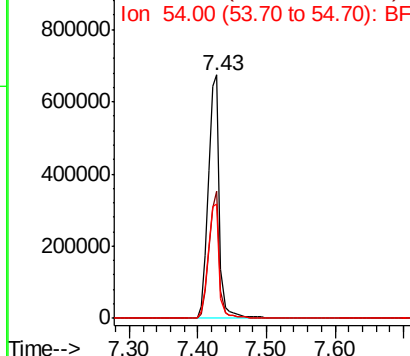
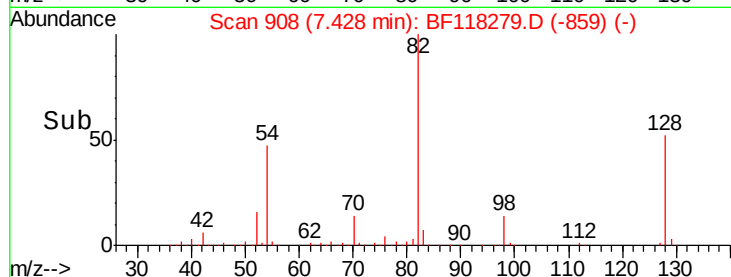
#23
 Nitrobenzene-d5
 Concen: 91.029 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118279.D
 Acq: 19 Dec 2019 15:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	780405
Ion Ratio	100		
Lower		39.1	58.7
Upper		57.2	

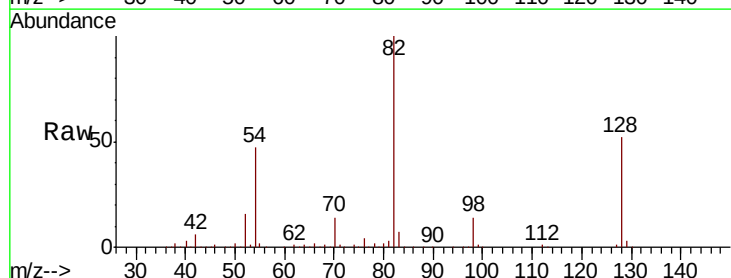


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

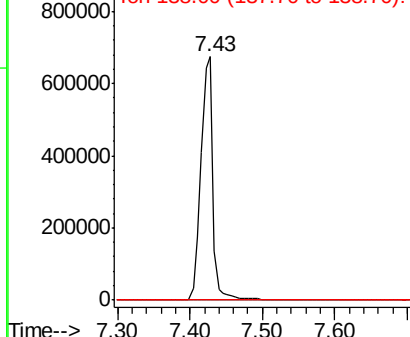
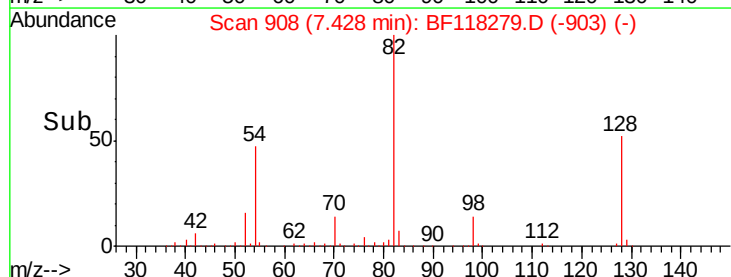


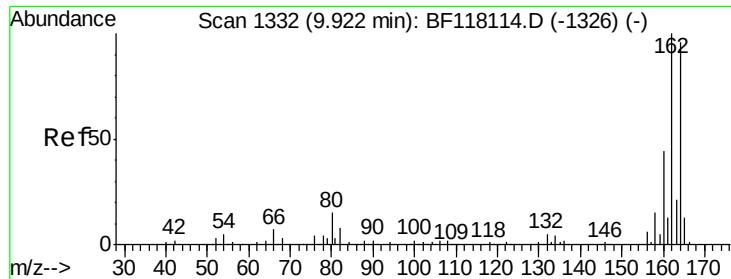
#25
 Isophorone
 Concen: 53.021 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.27 min
 Lab File: BF118279.D
 Acq: 19 Dec 2019 15:06

Tgt Ion	82	Resp	770563
Ion Ratio	100		
Lower		6.3	9.5#
Upper		24.5#	



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

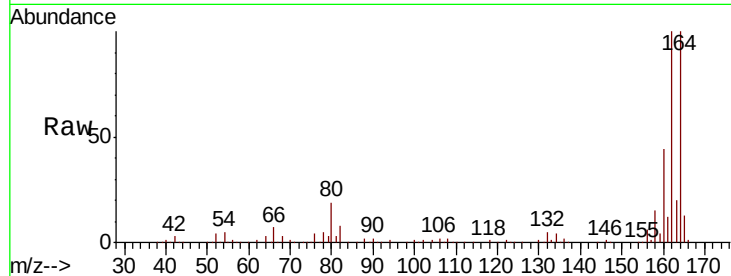




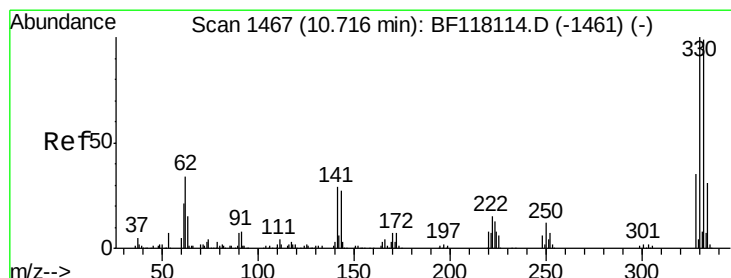
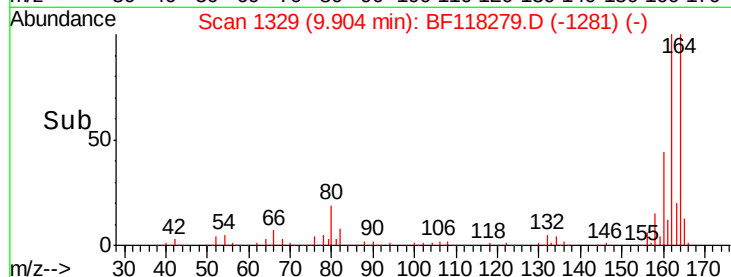
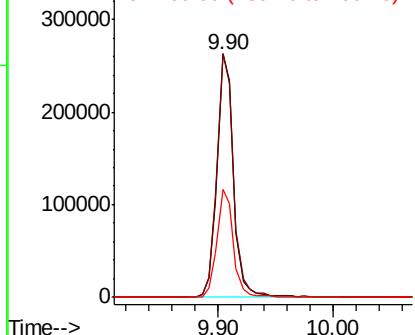
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 260850
Ion Ratio Lower Upper
164 100
162 100.1 83.4 125.0
160 44.2 36.6 54.8

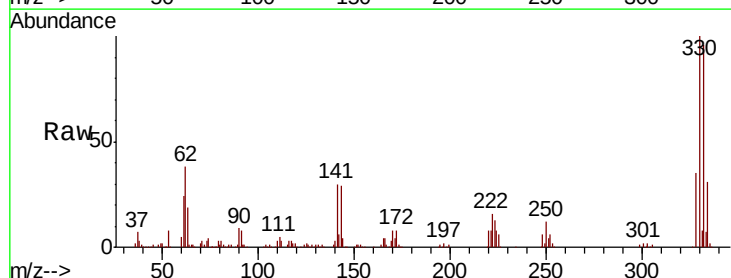


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

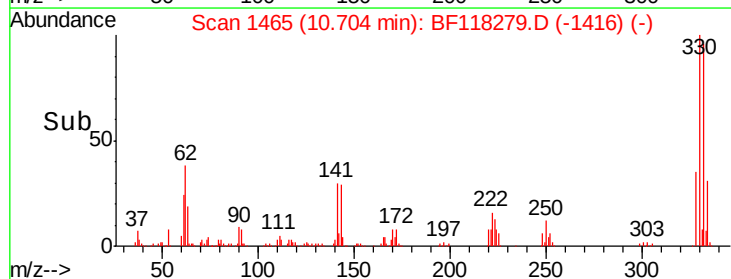
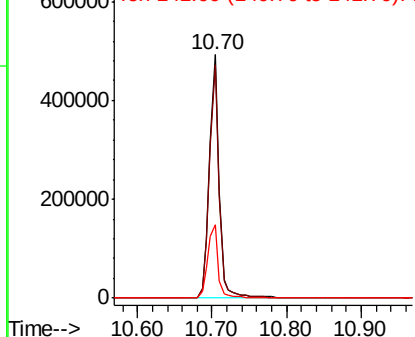


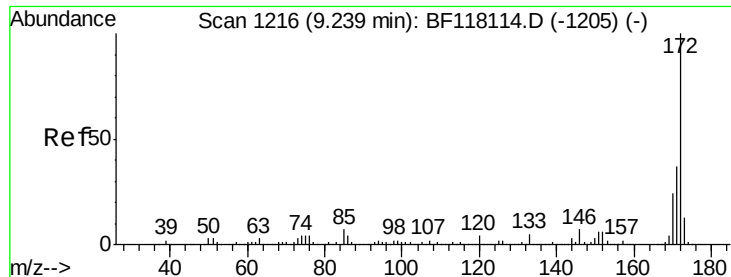
#42
2,4,6-Tribromophenol
Concen: 143.159 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

Tgt Ion:330 Resp: 453649
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 32.2 26.9 40.3



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

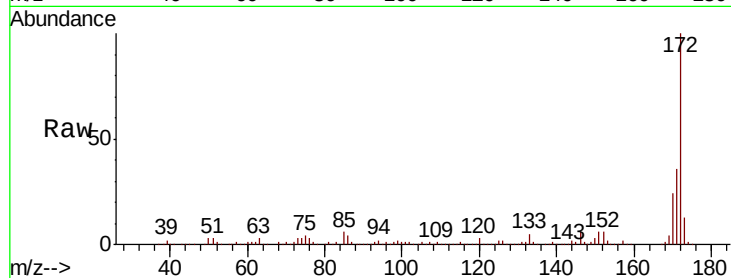




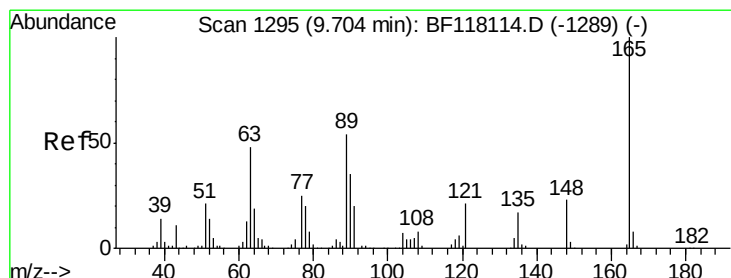
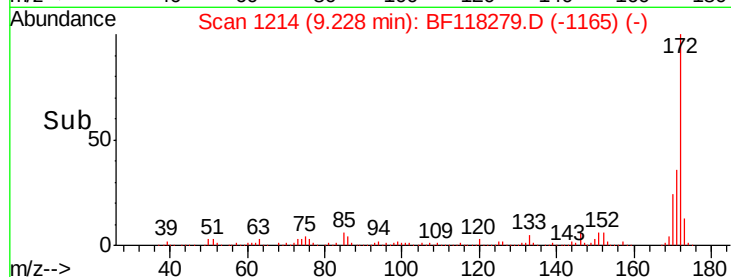
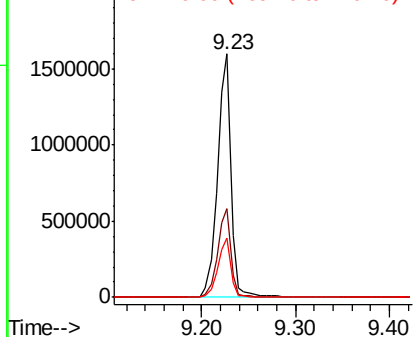
#45
2-Fluorobiphenyl
Concen: 94.109 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1613272
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.1 19.4 29.2

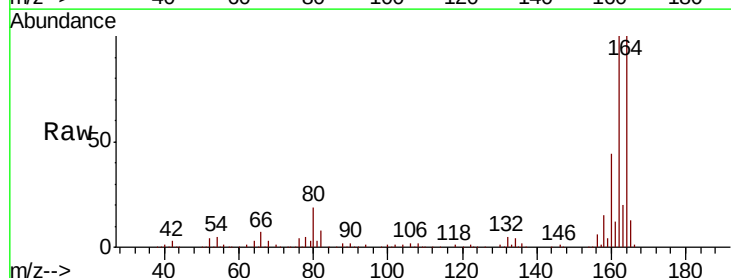


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

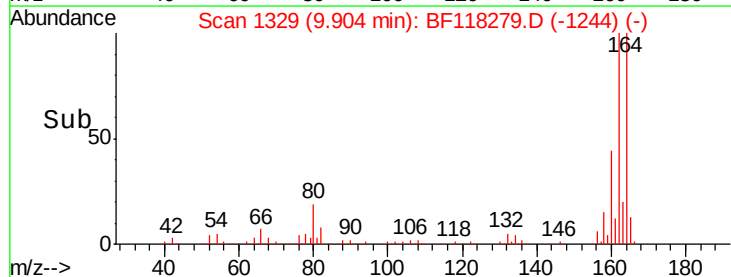
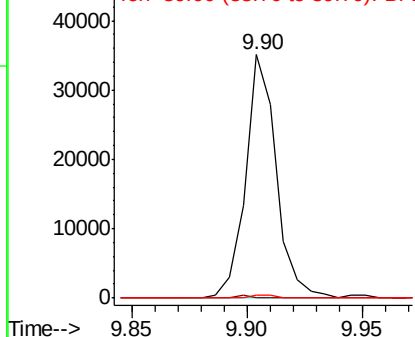


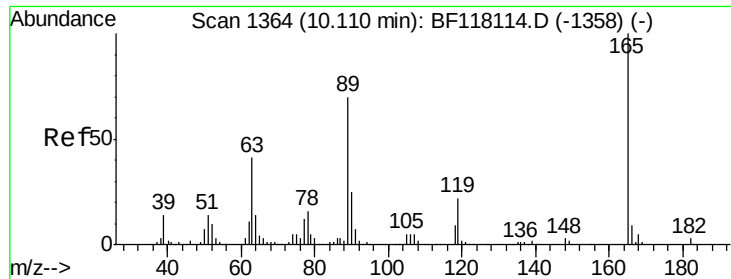
#51
2,6-Dinitrotoluene
Concen: 7.772 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

Tgt Ion:165 Resp: 32562
Ion Ratio Lower Upper
165 100
63 0.0 41.4 62.0#
89 1.2 42.9 64.3#



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

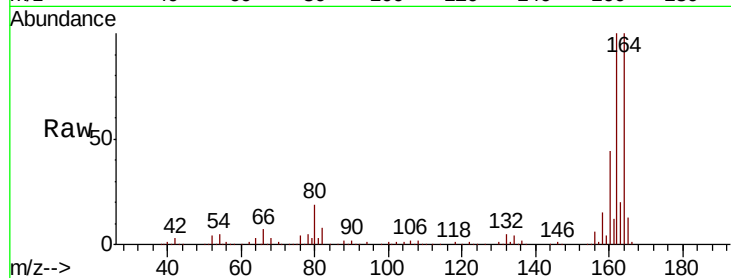




#57
 2,4-Dinitrotoluene
 Concen: 5.823 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF118279.D
 Acq: 19 Dec 2019 15:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165	Resp:	32562
Ion Ratio	Lower	Upper
165	100	
63	0.0	32.6 49.0#
89	1.2	56.1 84.1#
182	0.0	2.1 3.1#

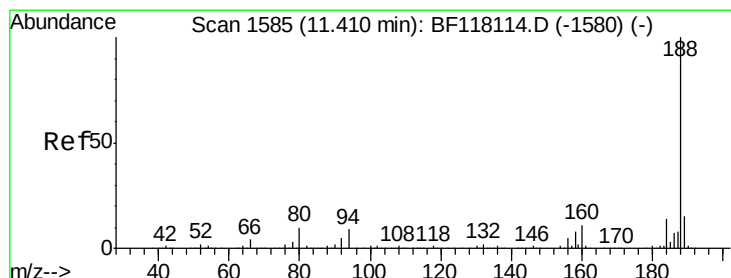
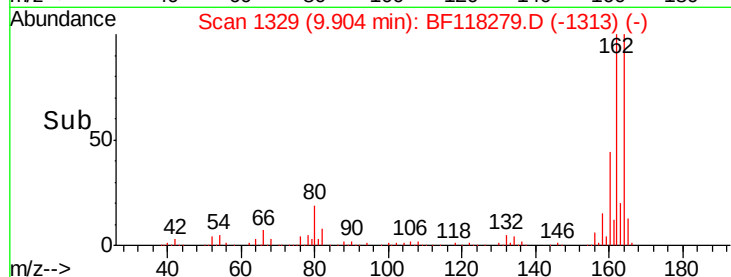
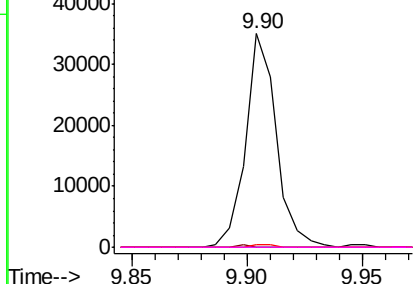


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

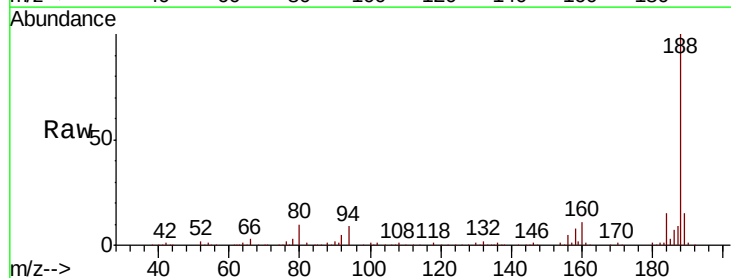
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118279.D
 Acq: 19 Dec 2019 15:06

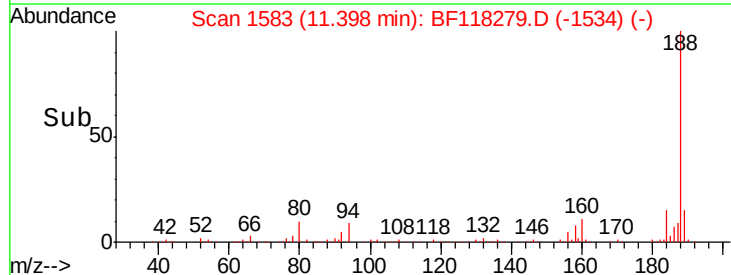
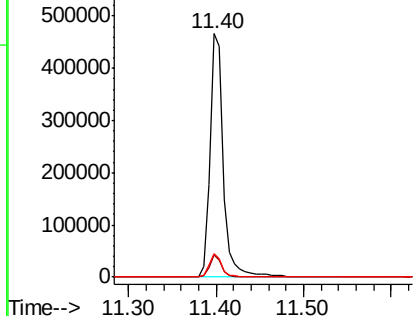
Tgt Ion:188	Resp:	493813
Ion Ratio	Lower	Upper
188	100	
94	9.3	7.1 10.7
80	9.7	7.9 11.9

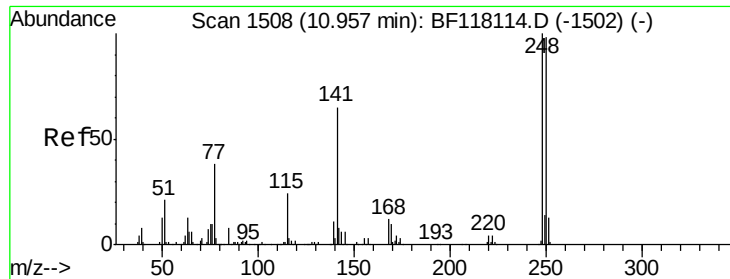


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

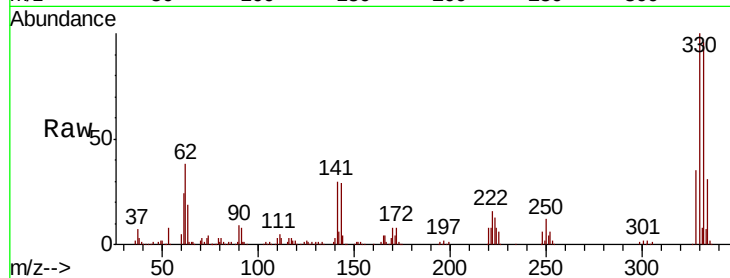




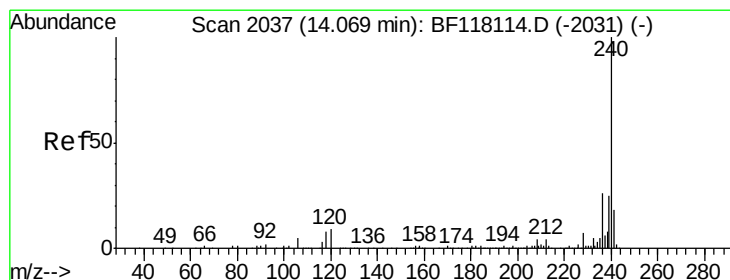
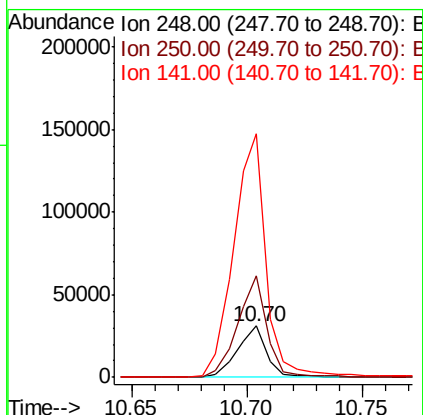
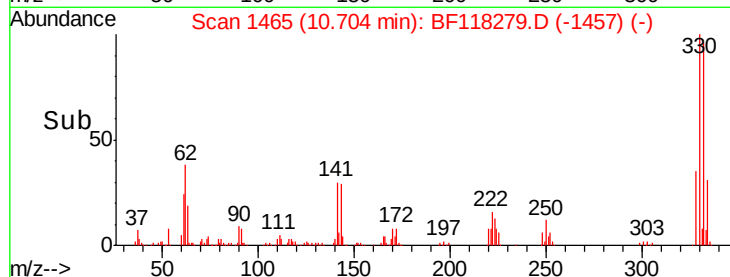
#67
4-Bromophenyl-phenylether
Concen: 4.953 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 27921
Ion Ratio Lower Upper
248 100
250 197.2 78.3 117.5#
141 474.7 52.2 78.4#

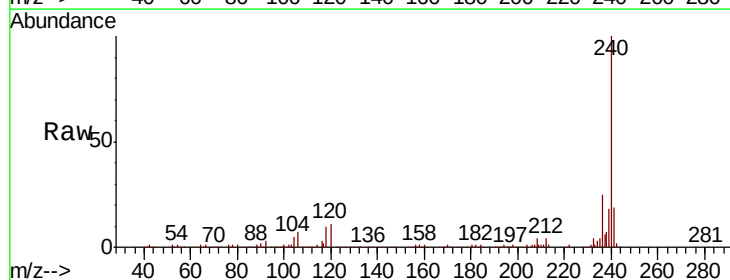


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

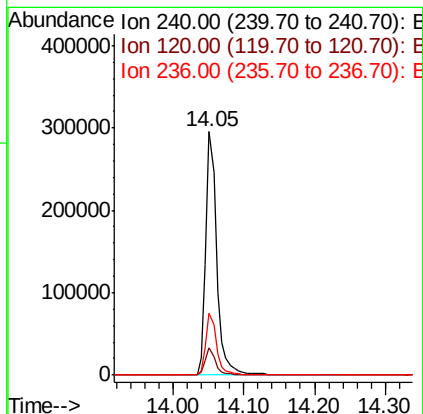
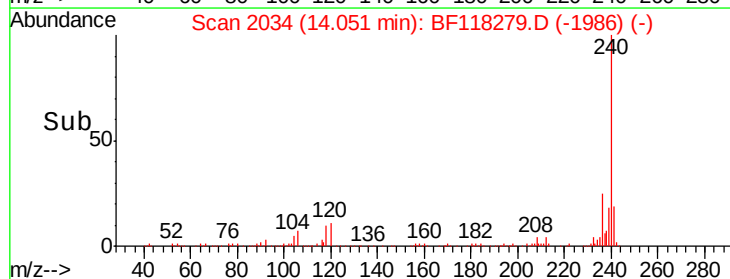


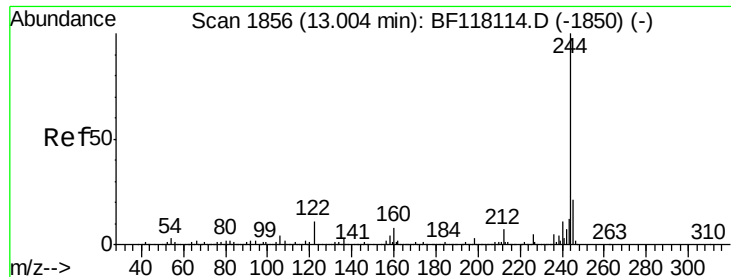
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

Tgt Ion:240 Resp: 320115
Ion Ratio Lower Upper
240 100
120 11.3 7.1 10.7#
236 25.2 21.0 31.6



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: 105.977 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118279.D

Acq: 19 Dec 2019 15:06

Instrument :

BNA_F

ClientSampled :

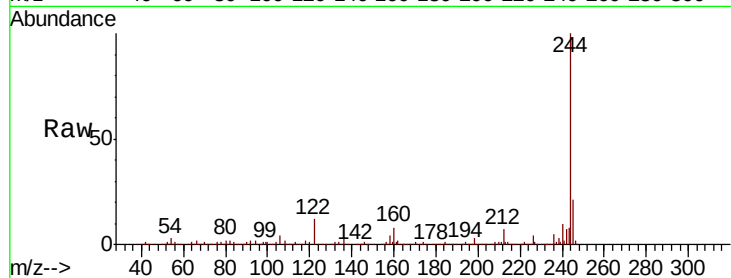
Tot Ion:244 Resp: 1972800

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

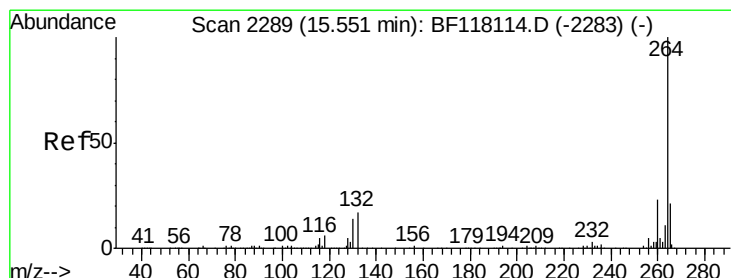
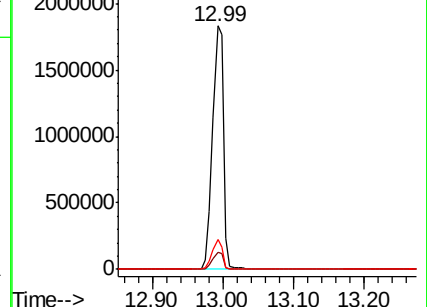
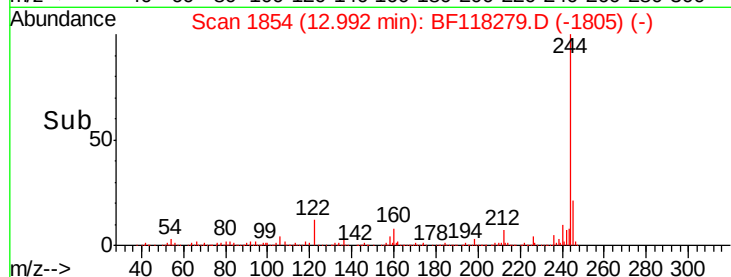
122 12.5 9.0 13.6



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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118279.D

Acq: 19 Dec 2019 15:06

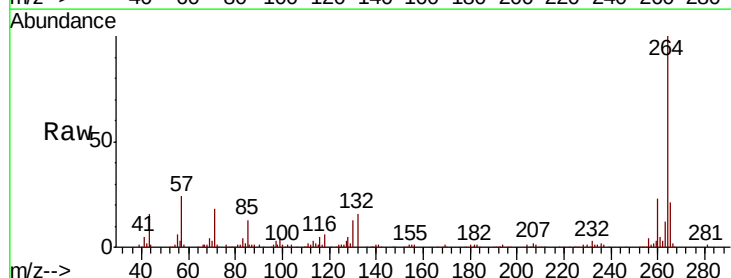
Tgt Ion:264 Resp: 260896

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.1 16.8 25.2



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

