

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118183.D
 Acq On : 13 Dec 2019 13:44
 Operator : JU
 Sample : PB125420BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 17:32:30 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

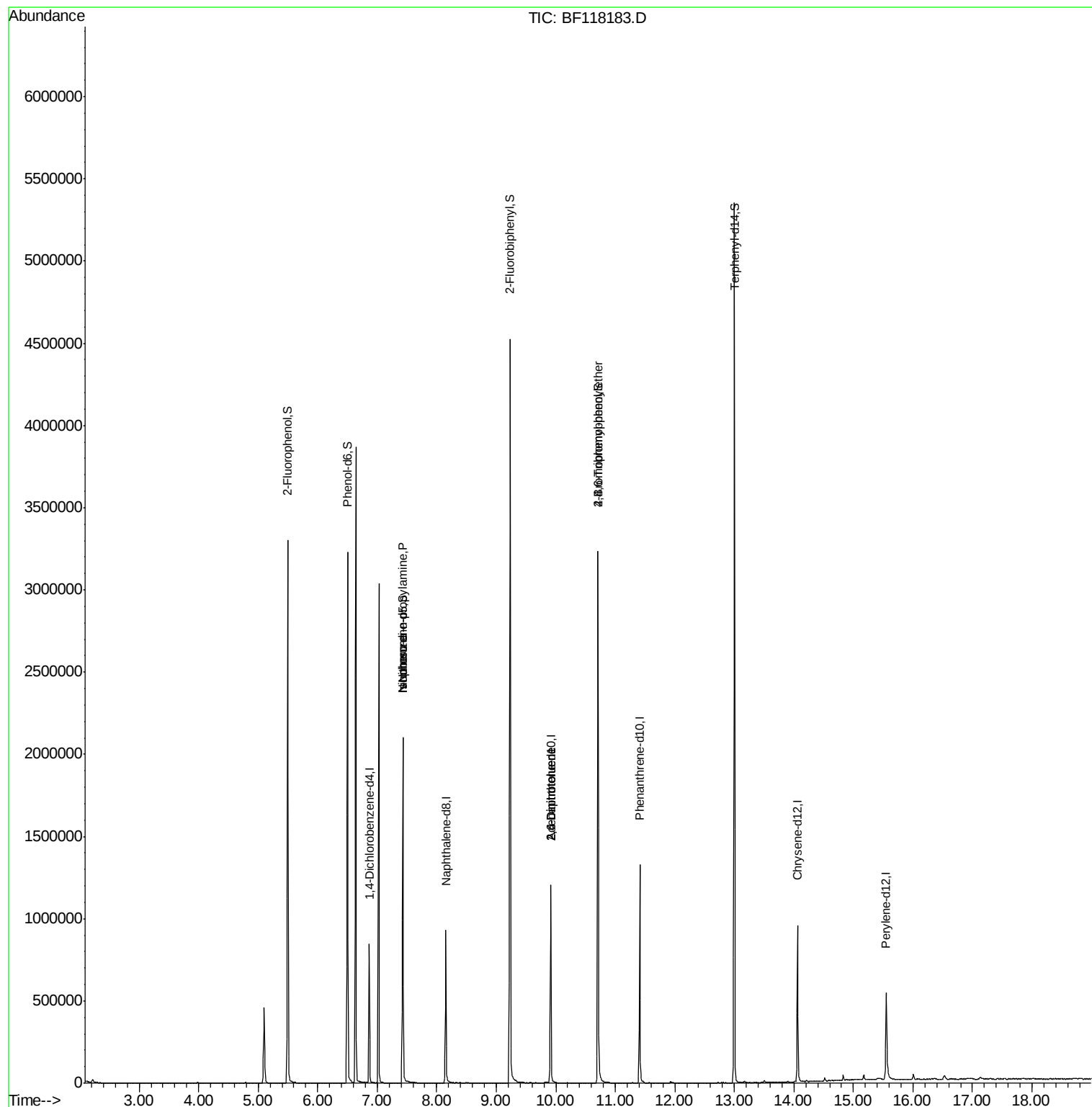
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	129981	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	508838	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	270354	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	533272	20.00	ng	0.00
76) Chrysene-d12	14.06	240	377686	20.00	ng	0.00
87) Perylene-d12	15.55	264	312943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	983858	132.57	ng	0.02
7) Phenol-d6	6.50	99	1212973	135.13	ng	0.00
23) Nitrobenzene-d5	7.43	82	743512	82.20	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	436075	132.78	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1533859	86.33	ng	0.00
79) Terphenyl-d14	13.00	244	1930763	87.91	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1879	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	101761	18.656	ng	# 76
25) Isophorone	7.43	82	730209	47.624	ng	# 62
51) 2,6-Dinitrotoluene	9.92	165	34579	7.963	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	34579	5.966	ng	# 25
67) 4-Bromophenyl-phenylether	10.71	248	26425	4.341	ng	# 1

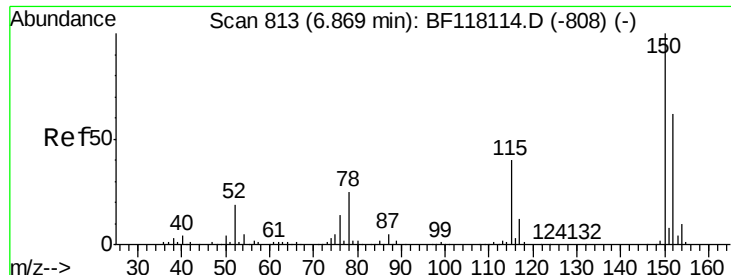
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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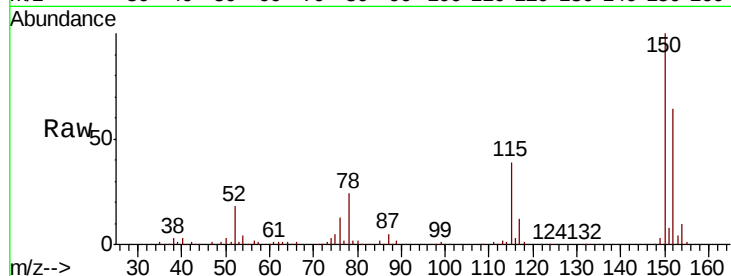


#1

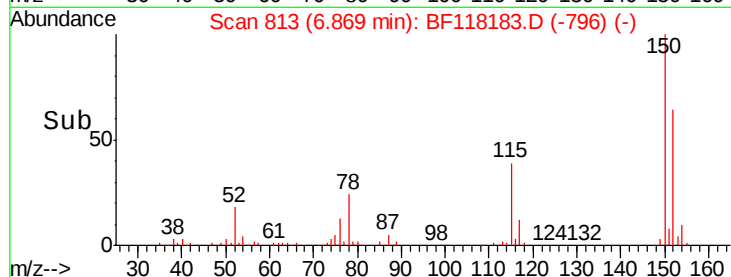
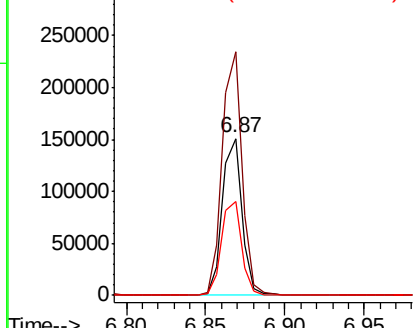
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118183.D
Acq: 13 Dec 2019 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129981
Ion Ratio Lower Upper
152 100
150 155.1 128.3 192.5
115 59.9 51.1 76.7



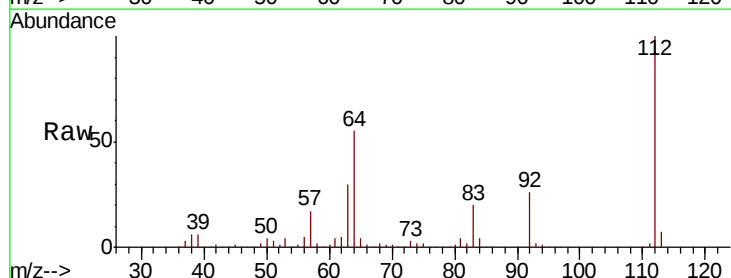
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



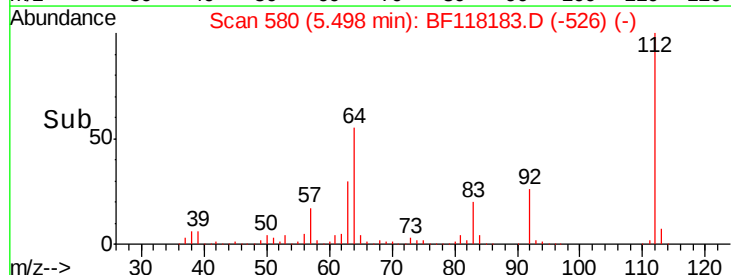
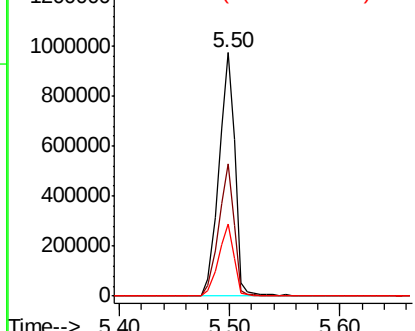
#5

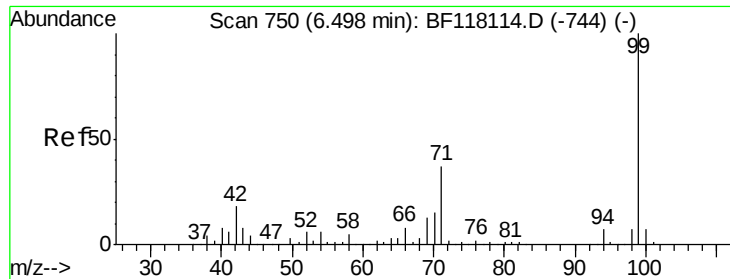
2-Fluorophenol
Concen: 132.573 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF118183.D
Acq: 13 Dec 2019 13:44

Tgt Ion:112 Resp: 983858
Ion Ratio Lower Upper
112 100
64 54.5 41.3 61.9
63 29.5 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: 135.131 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118183.D

Acq: 13 Dec 2019 13:44

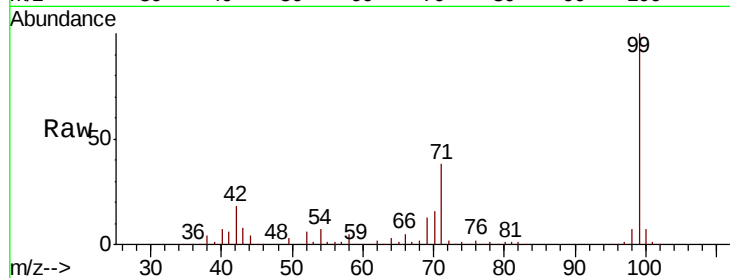
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1212973

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	37.7	29.7	44.5

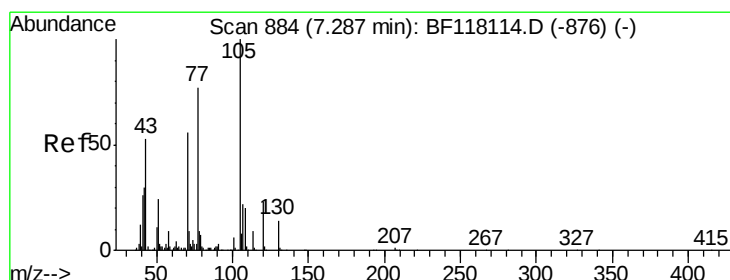
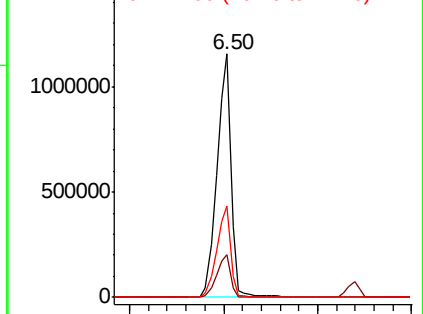
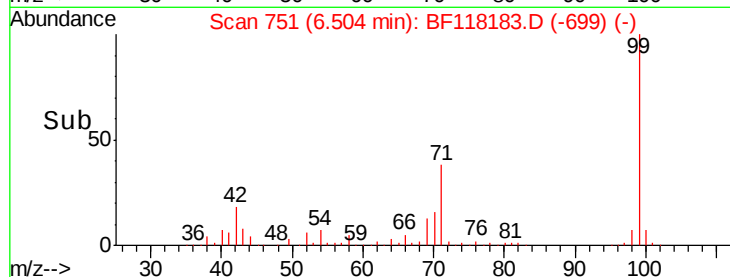


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 18.656 ng

RT: 7.43 min Scan# 909

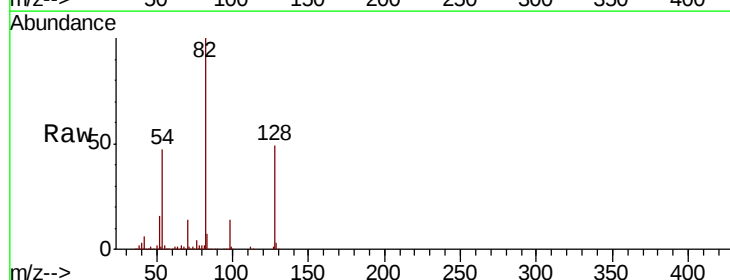
Delta R.T. 0.15 min

Lab File: BF118183.D

Acq: 13 Dec 2019 13:44

Tgt Ion: 70 Resp: 101761

Ion	Ratio	Lower	Upper
70	100		
42	44.7	43.2	64.8
101	0.0	8.1	12.1#
130	2.3	19.8	29.8#



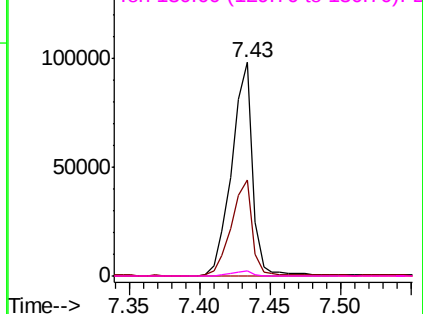
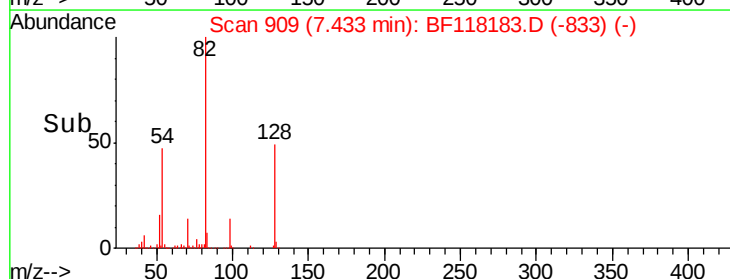
Abundance

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): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118183.D

Acq: 13 Dec 2019 13:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 508838

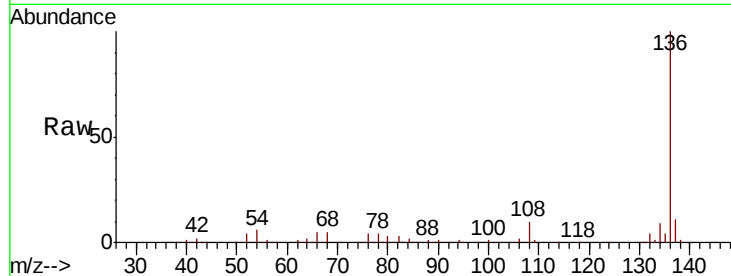
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 6.2 5.0 7.6

68 4.7 3.8 5.8

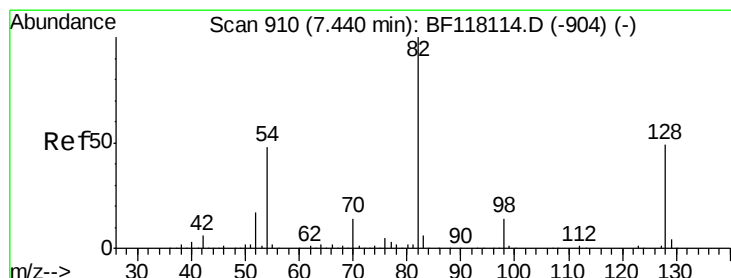
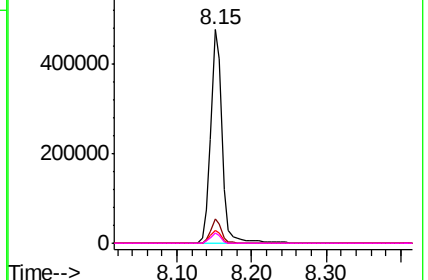
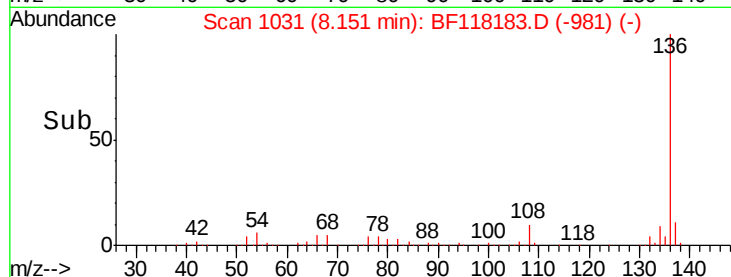


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.204 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118183.D

Acq: 13 Dec 2019 13:44

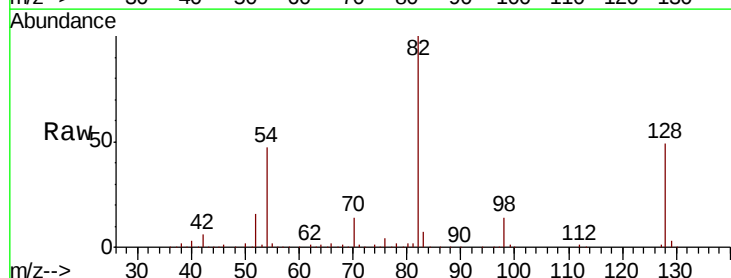
Tgt Ion: 82 Resp: 743512

Ion Ratio Lower Upper

82 100

128 49.4 39.1 58.7

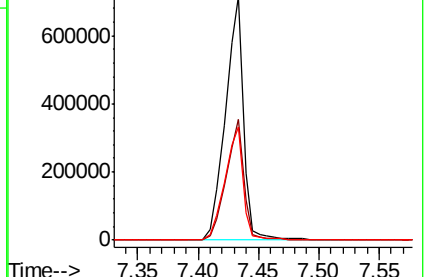
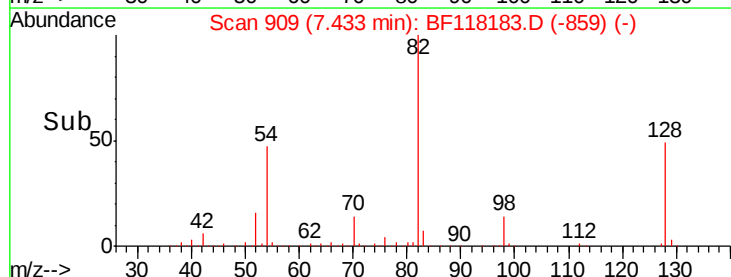
54 46.7 38.2 57.2

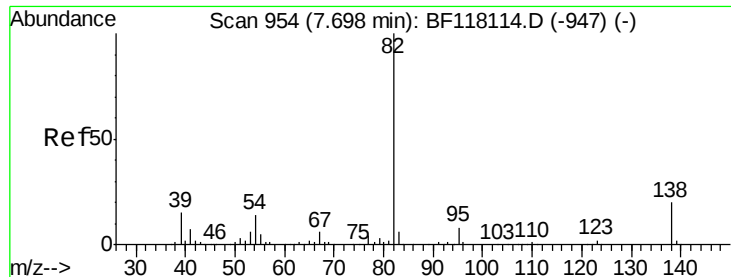


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.624 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF118183.D

Acq: 13 Dec 2019 13:44

Instrument :

BNA_F

ClientSampled :

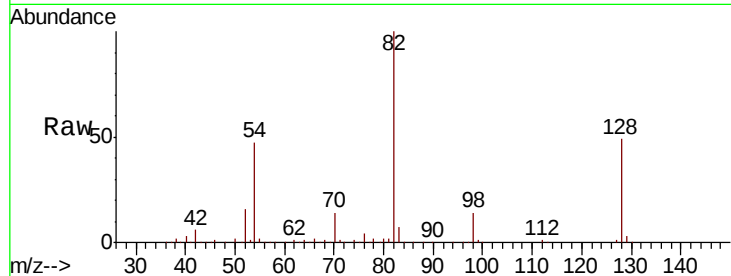
Tot Ion: 82 Resp: 730209

Ion Ratio Lower Upper

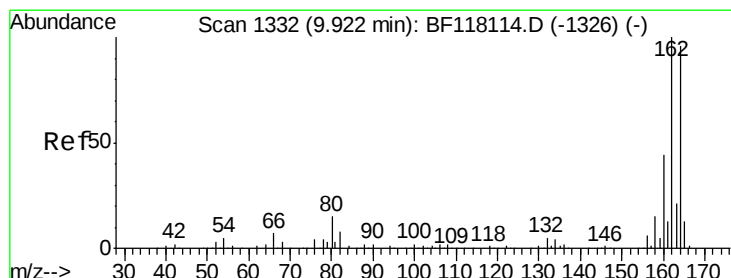
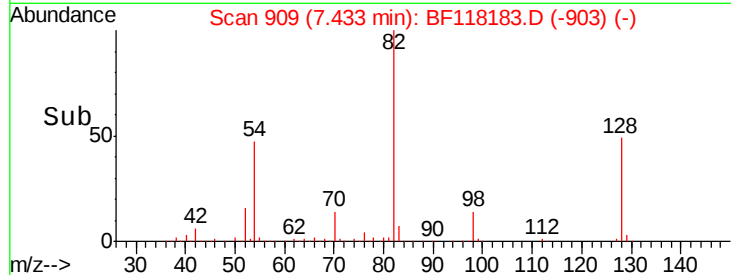
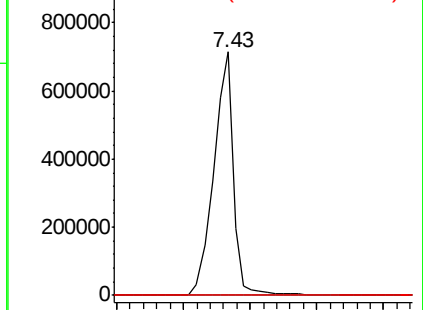
82 100

95 0.0 6.3 9.5#

138 0.0 16.3 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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118183.D

Acq: 13 Dec 2019 13:44

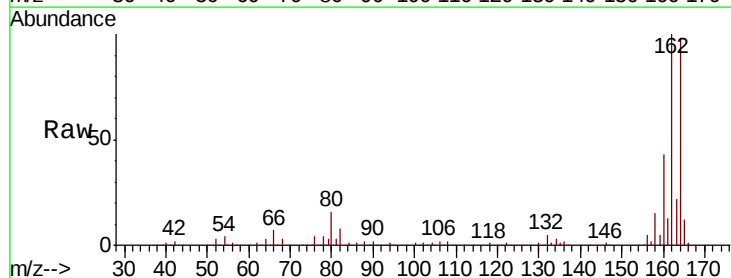
Tgt Ion: 164 Resp: 270354

Ion Ratio Lower Upper

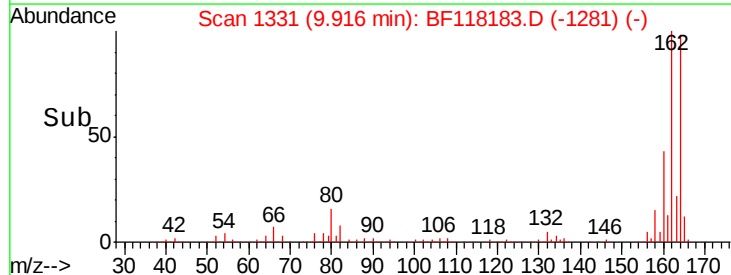
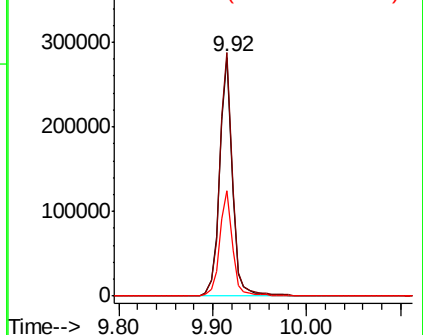
164 100

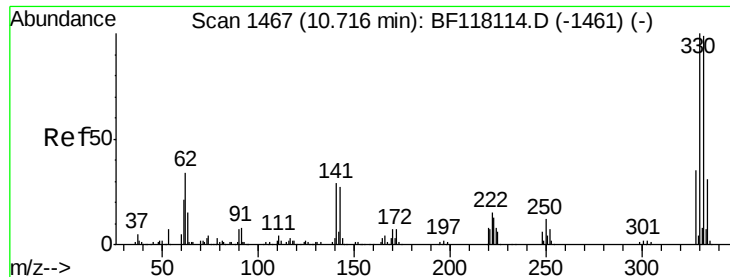
162 101.9 83.4 125.0

160 44.1 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

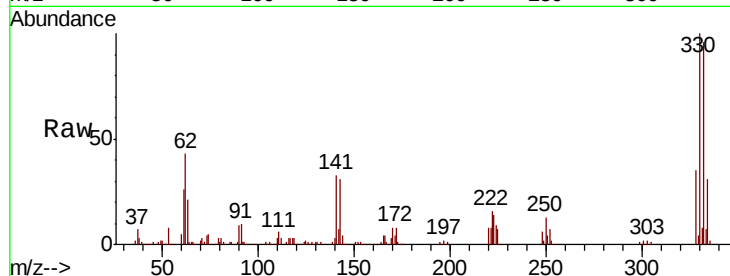




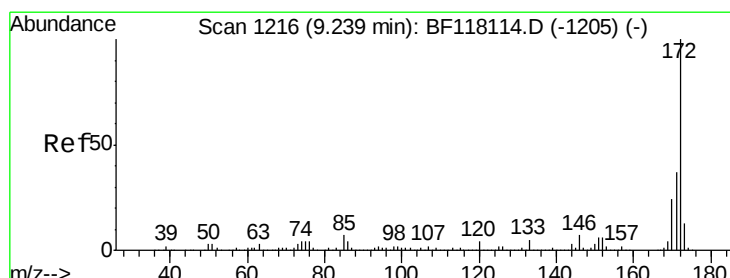
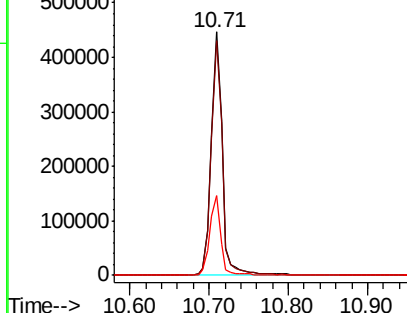
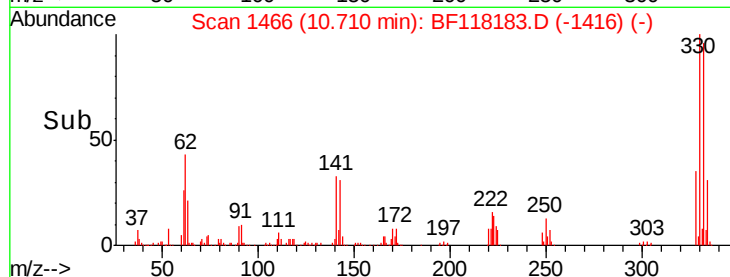
#42
 2,4,6-Tribromophenol
 Concen: 132.775 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118183.D
 Acq: 13 Dec 2019 13:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 436075
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.1 117.1
 141 33.1 26.9 40.3

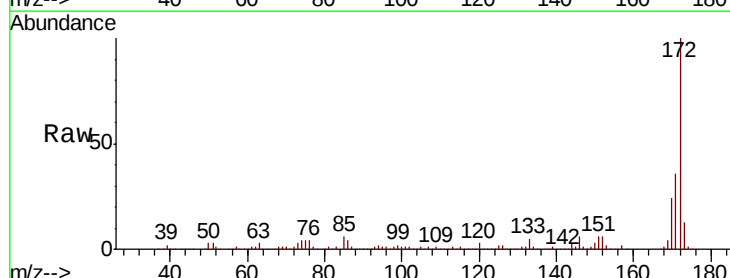


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

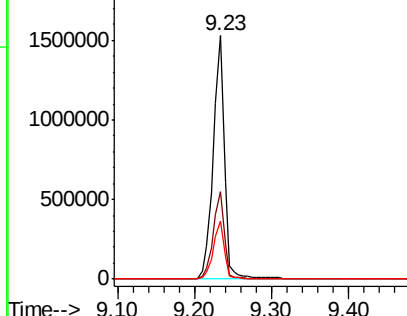
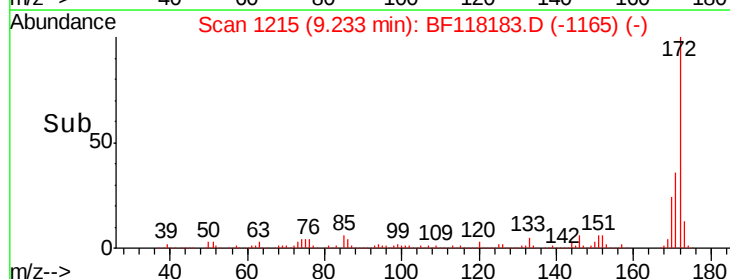


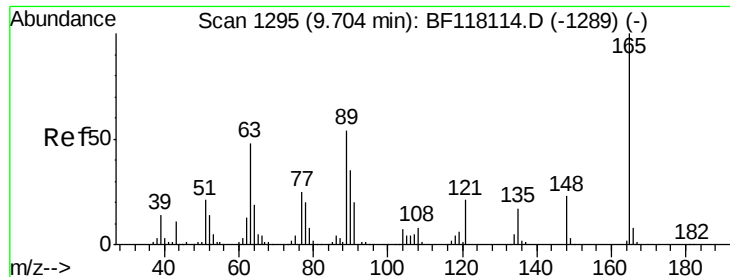
#45
 2-Fluorobiphenyl
 Concen: 86.331 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118183.D
 Acq: 13 Dec 2019 13:44

Tgt Ion:172 Resp: 1533859
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.8 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

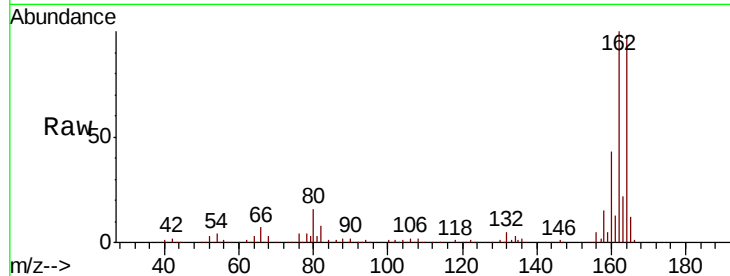




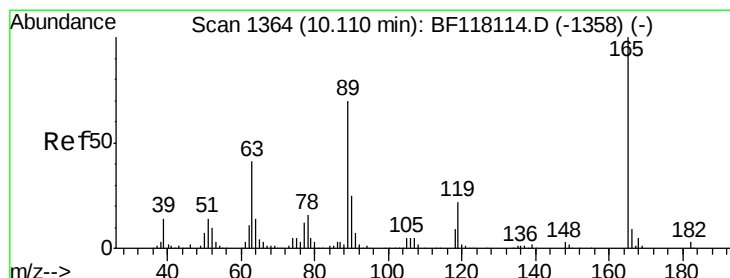
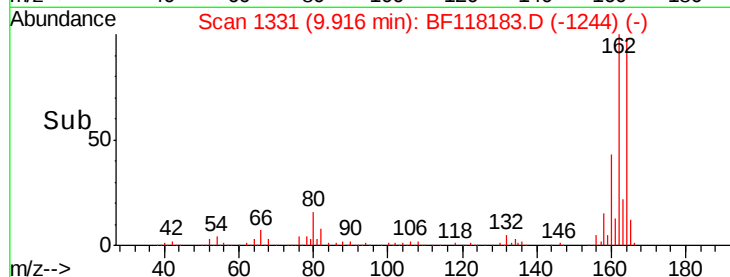
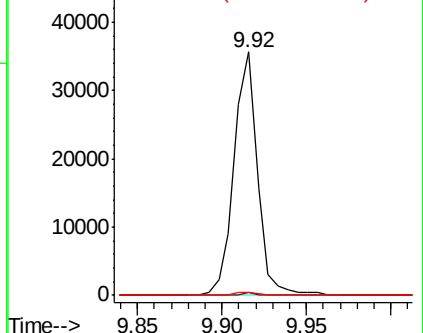
#51
 2,6-Dinitrotoluene
 Concen: 7.963 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF118183.D
 Acq: 13 Dec 2019 13:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.4	62.0#
89	1.2	42.9	64.3#

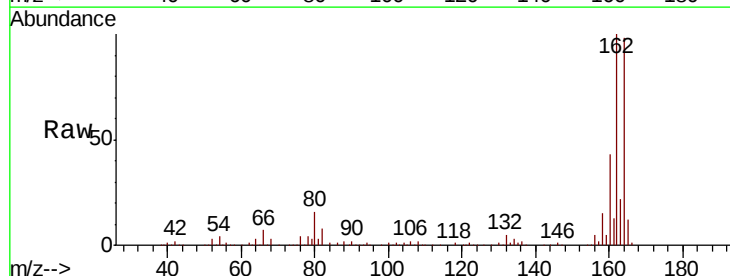


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

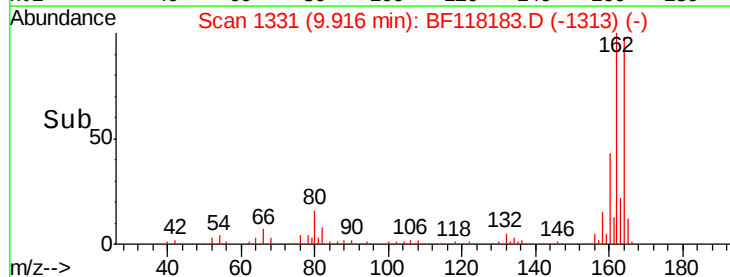
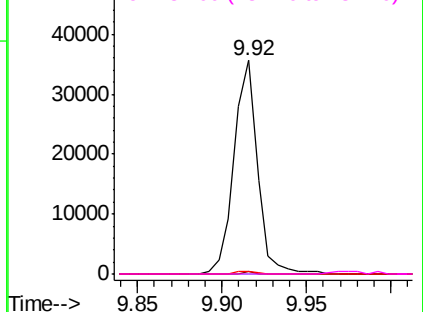


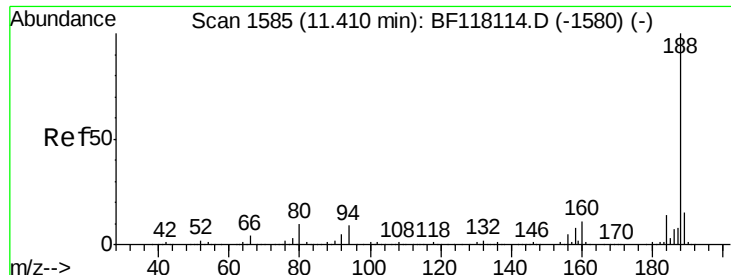
#57
 2,4-Dinitrotoluene
 Concen: 5.966 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118183.D
 Acq: 13 Dec 2019 13:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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

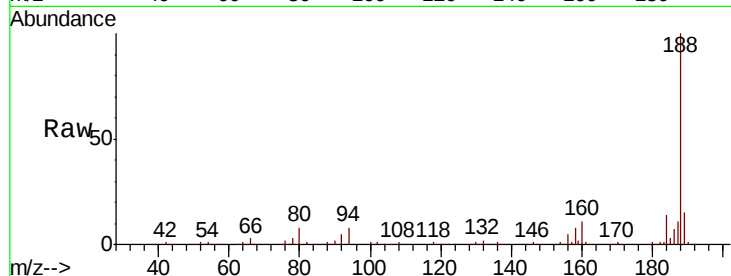




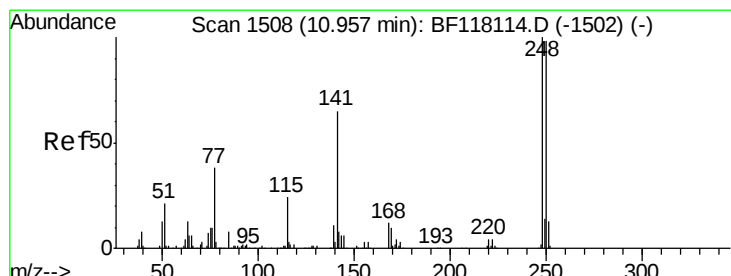
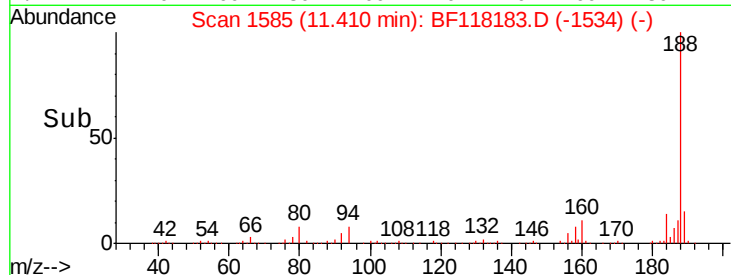
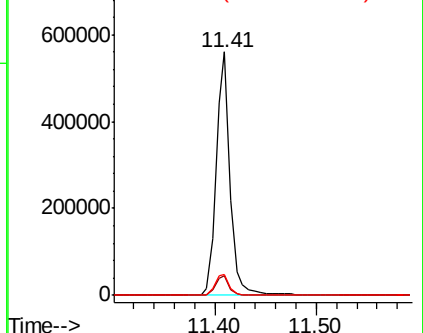
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118183.D
Acq: 13 Dec 2019 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 533272
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 8.5 7.9 11.9

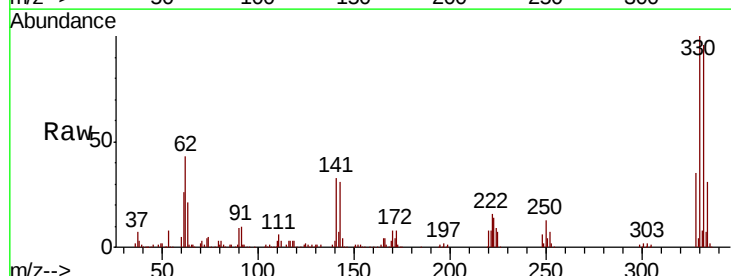


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

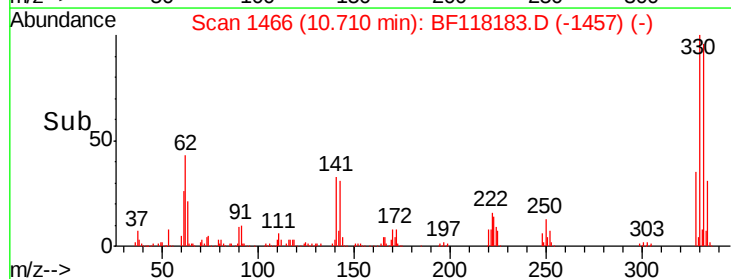
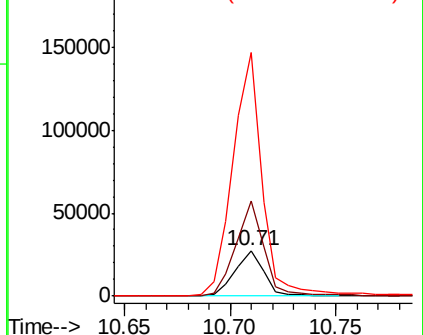


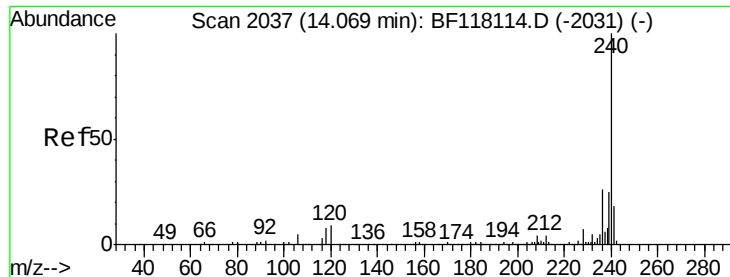
#67
4-Bromophenyl-phenylether
Concen: 4.341 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118183.D
Acq: 13 Dec 2019 13:44

Tgt Ion:248 Resp: 26425
Ion Ratio Lower Upper
248 100
250 209.5 78.3 117.5#
141 535.6 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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF118183.D

Acq: 13 Dec 2019 13:44

Instrument :

BNA_F

ClientSampleId :

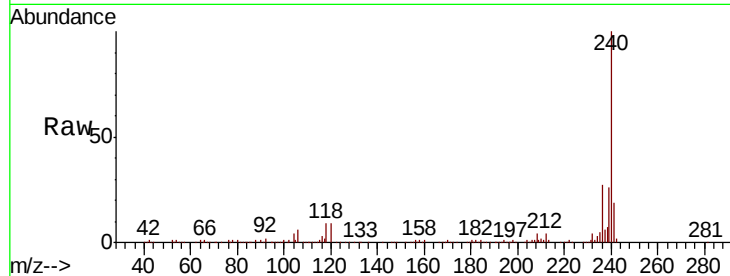
Tot Ion:240 Resp: 377686

Ion Ratio Lower Upper

240 100

120 9.0 7.1 10.7

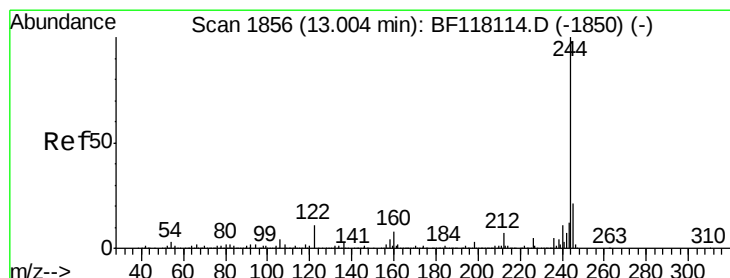
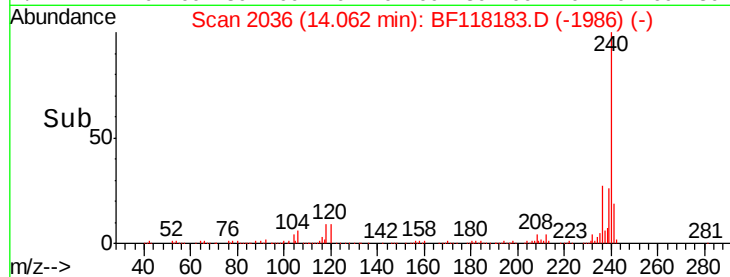
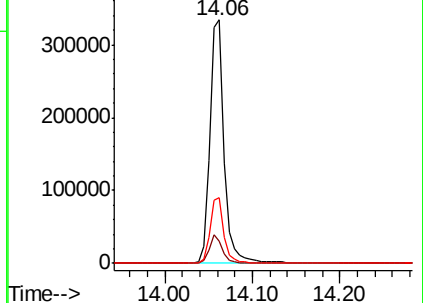
236 26.8 21.0 31.6



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: 87.909 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118183.D

Acq: 13 Dec 2019 13:44

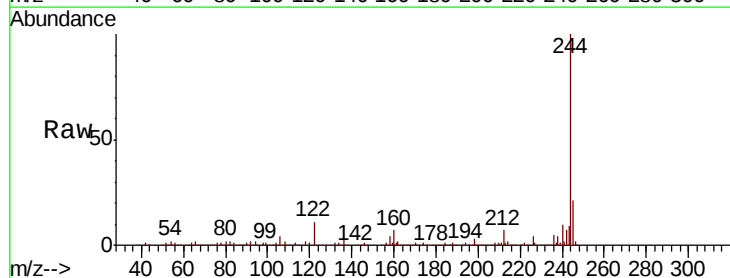
Tgt Ion:244 Resp: 1930763

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

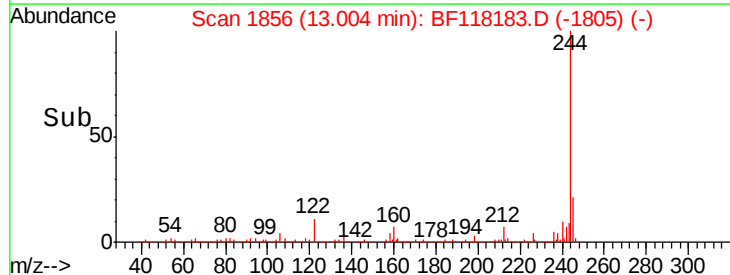
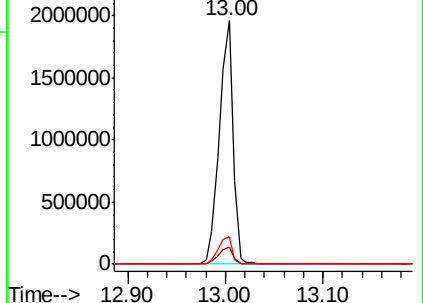
122 11.3 9.0 13.6

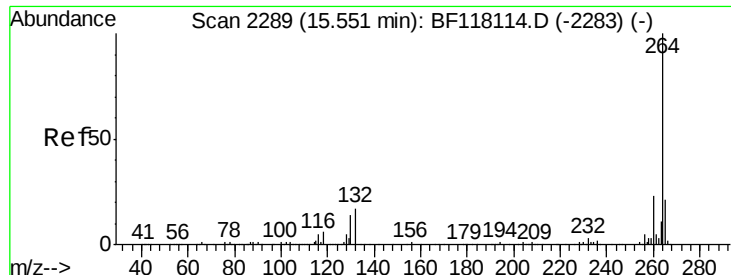


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118183.D
Acq: 13 Dec 2019 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 312943
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.8 16.8 25.2

