

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 :
 PB125420BL

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

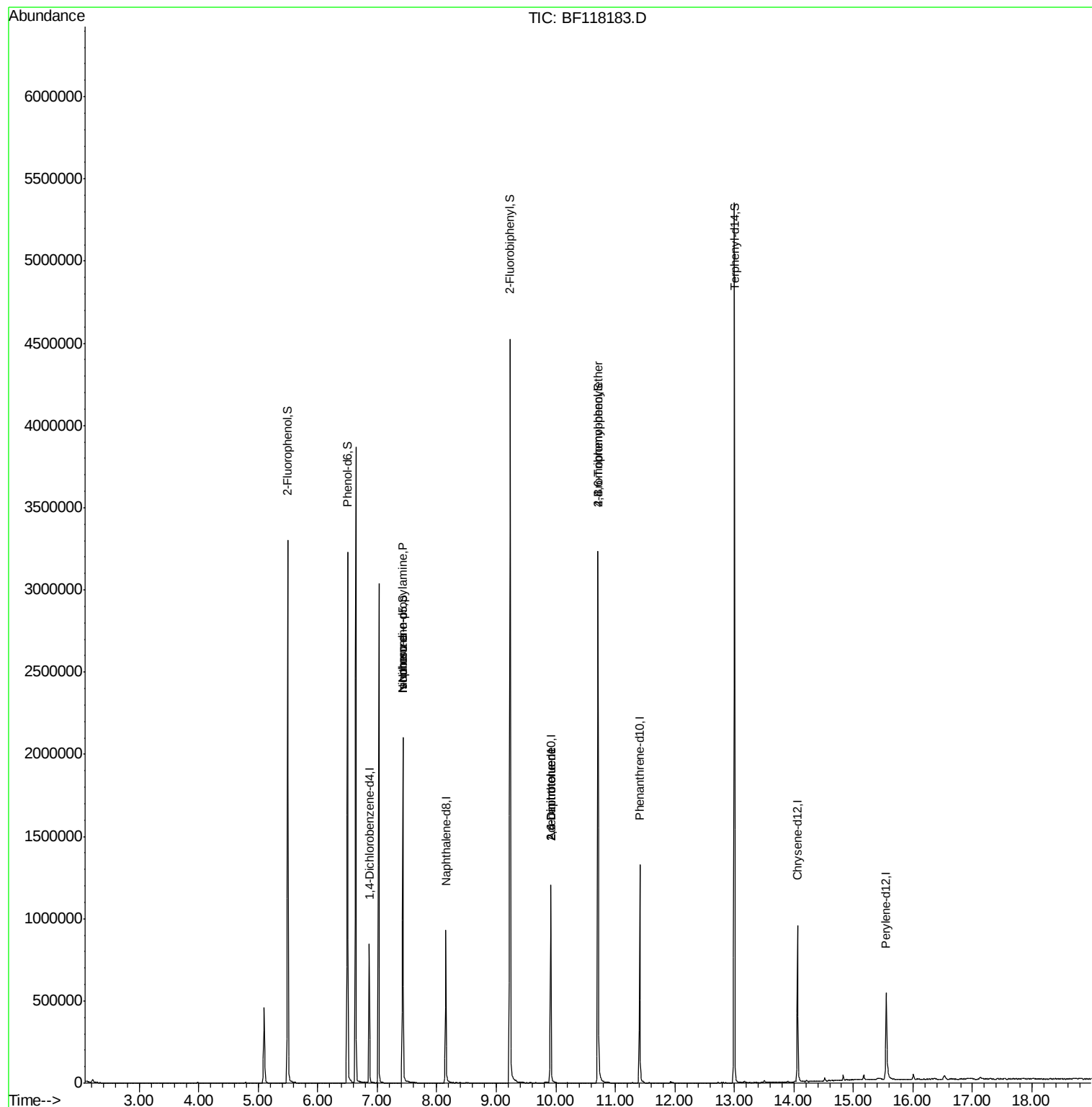
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	129981	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	508838	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	270354	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	533272	20.00	ng	0.00
76) Chrysene-d12	14.06	240	377686	20.00	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

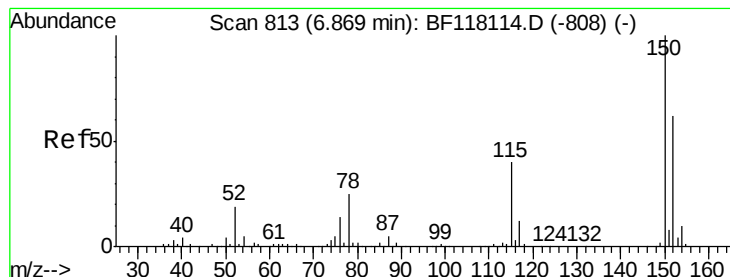
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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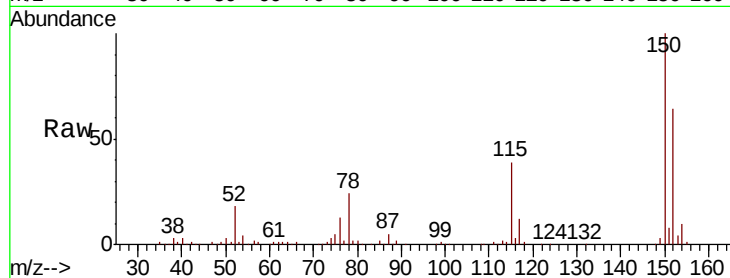




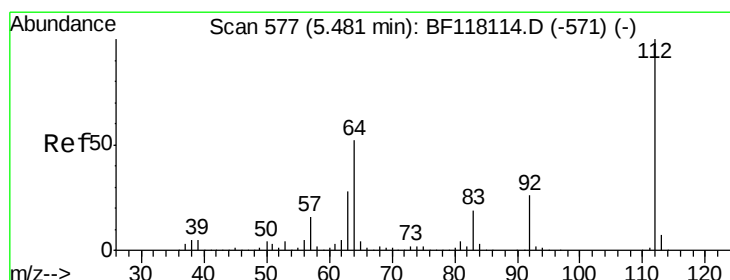
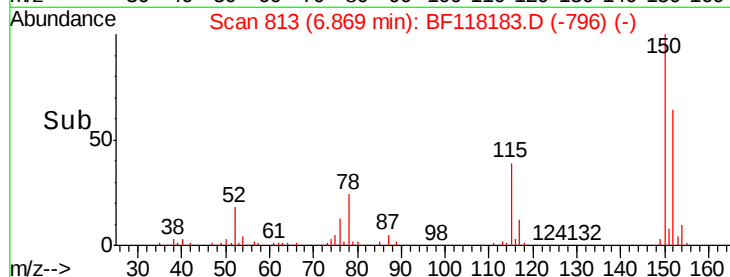
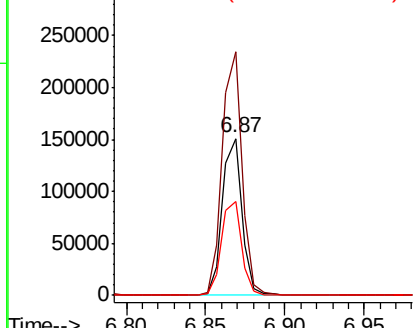
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF118183.D
 Acq: 13 Dec 2019 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB125420BL

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

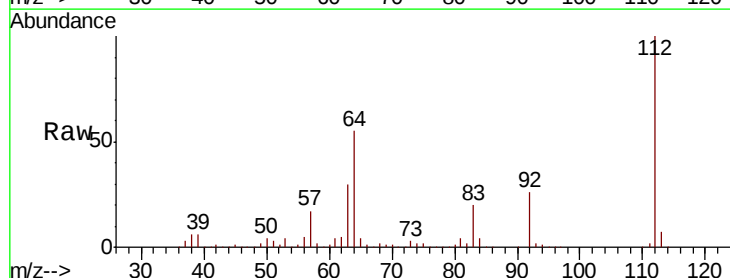


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

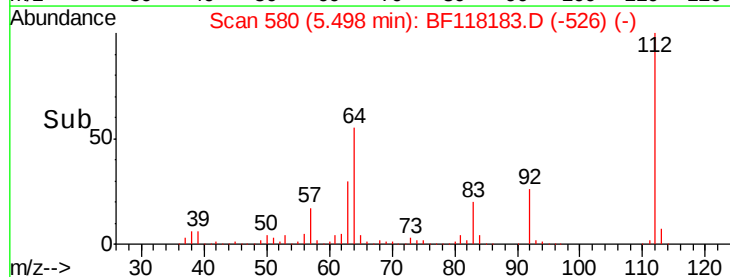
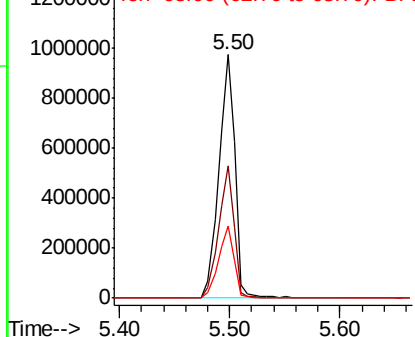


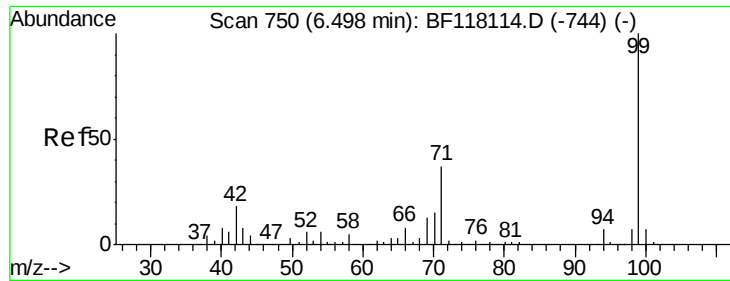
#5
 2-Fluorophenol
 Concen: 132.573 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF118183.D
 Acq: 13 Dec 2019 13:44

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 :

PB125420BL

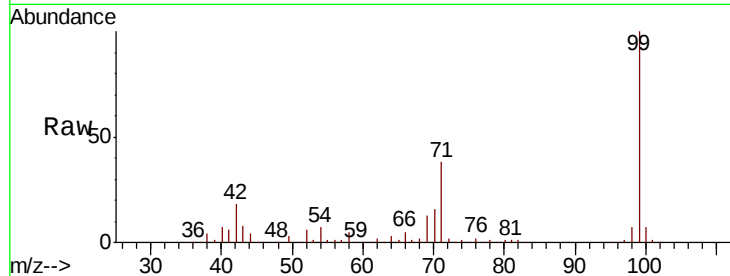
Tot Ion: 99 Resp: 1212973

Ion Ratio Lower Upper

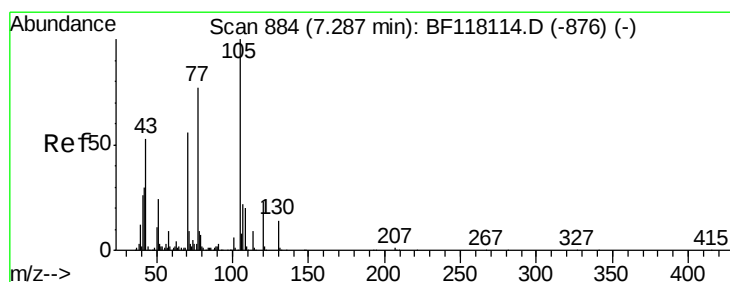
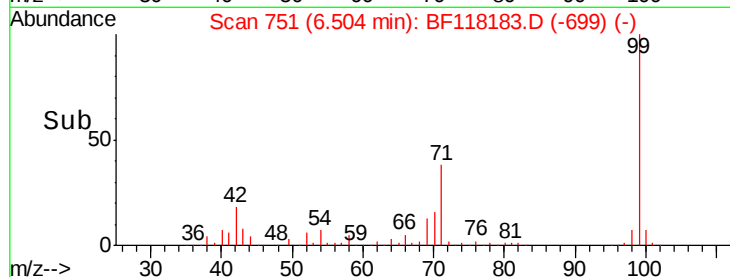
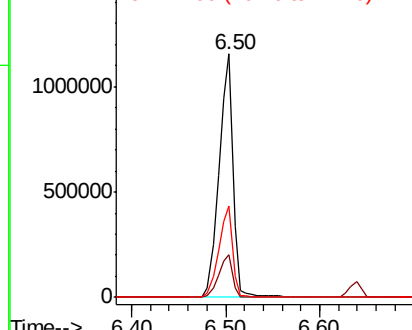
99 100

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

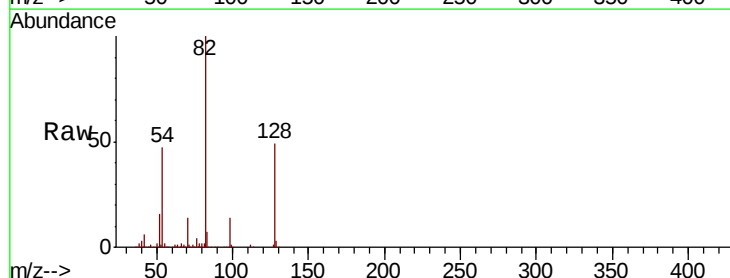
Ion Ratio Lower Upper

70 100

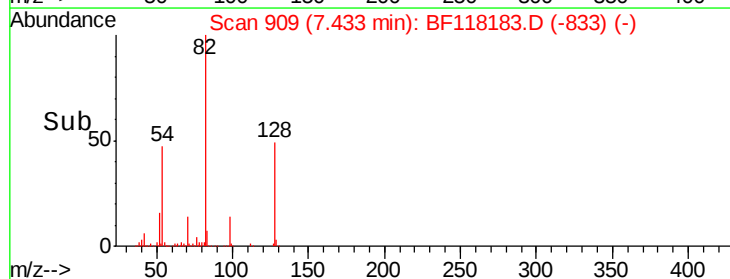
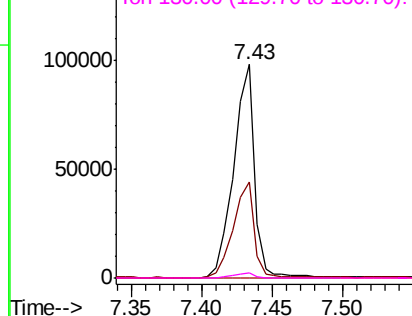
42 44.7 43.2 64.8

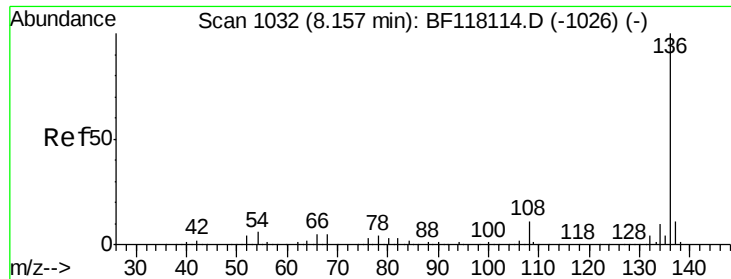
101 0.0 8.1 12.1#

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): E
Ion 130.00 (129.70 to 130.70): E

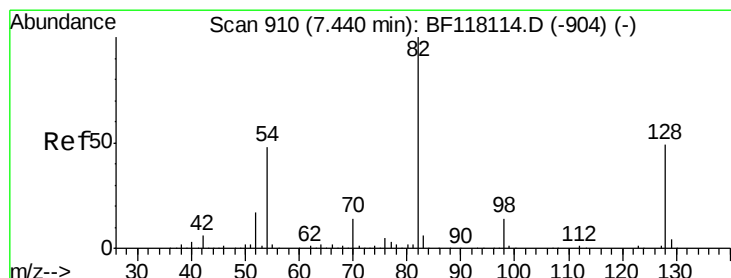
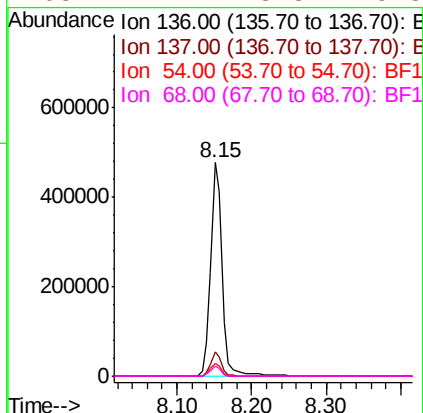
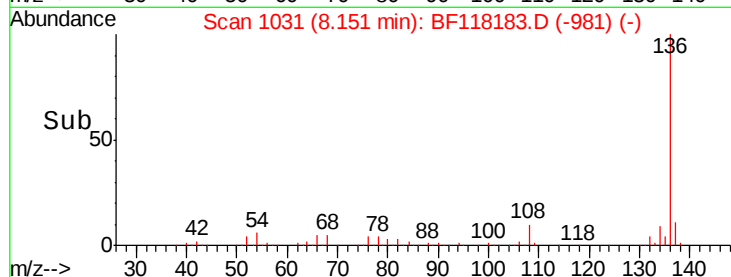
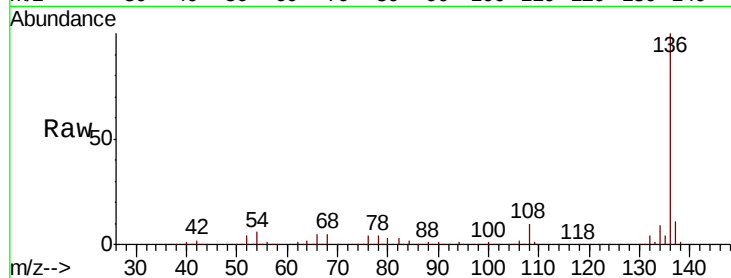




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118183.D
Acq: 13 Dec 2019 13:44

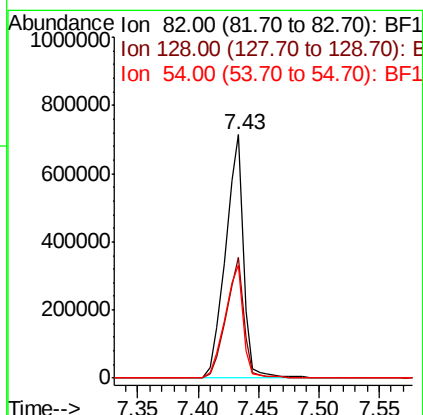
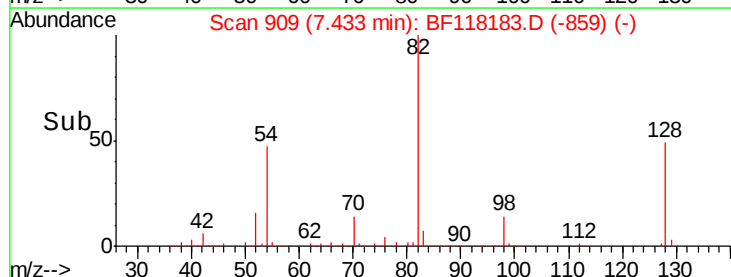
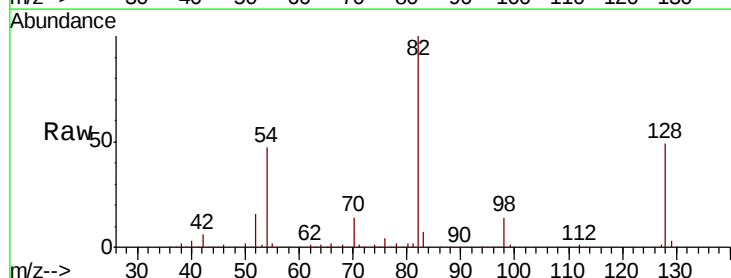
Instrument :
BNA_F
ClientSampleId :
PB125420BL

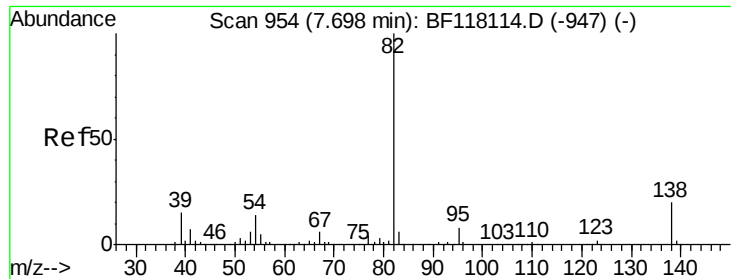
Tot Ion:136	Resp:	508838
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	6.2	5.0 7.6
68	4.7	3.8 5.8



#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





#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

ClientSampleId :

PB125420BL

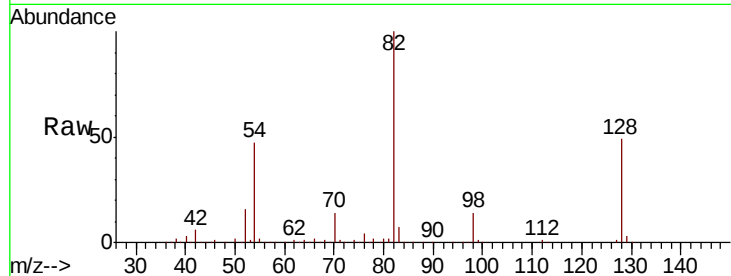
Tot Ion: 82 Resp: 730209

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

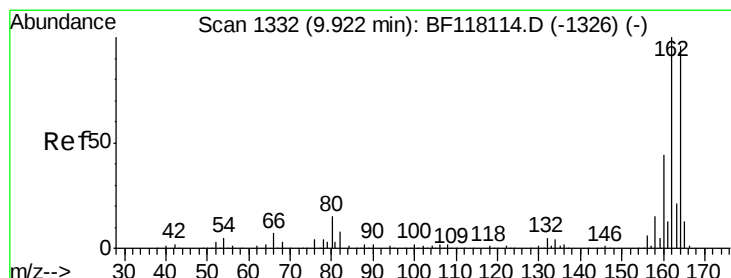
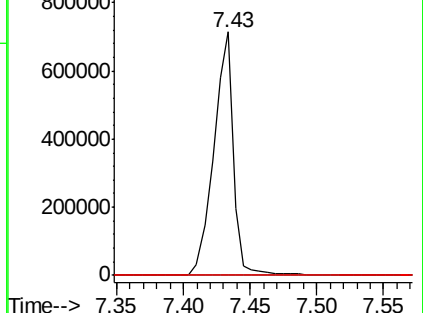
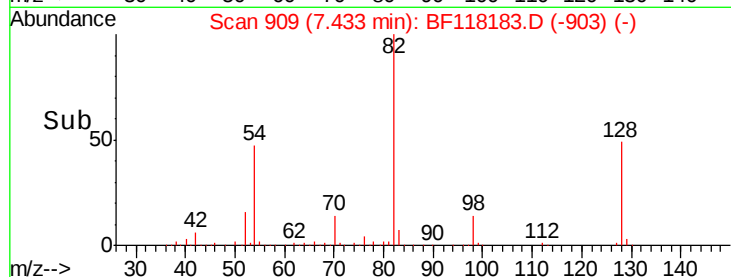
138 0.0 16.3 24.5#



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): BF1



#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

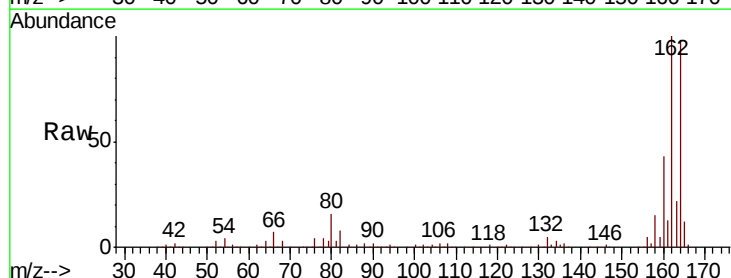
Tgt Ion: 164 Resp: 270354

Ion Ratio Lower Upper

164 100

162 101.9 83.4 125.0

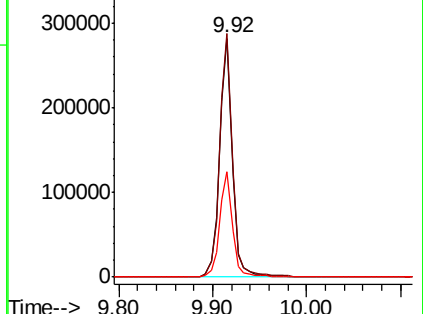
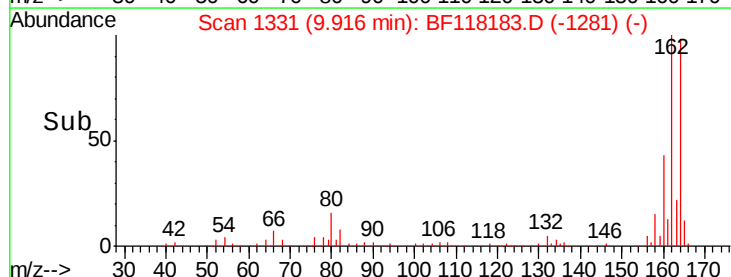
160 44.1 36.6 54.8

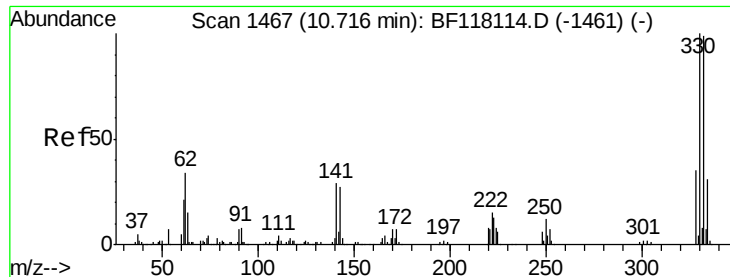


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

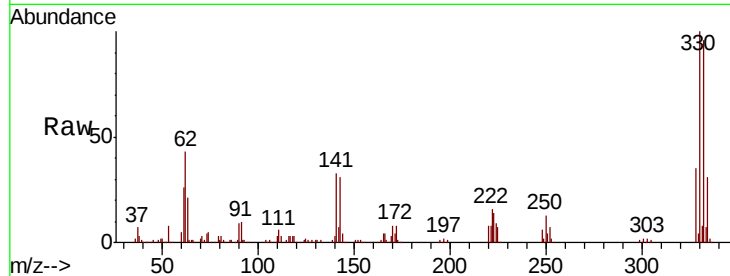




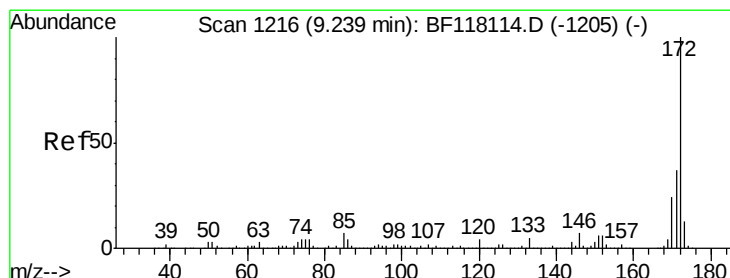
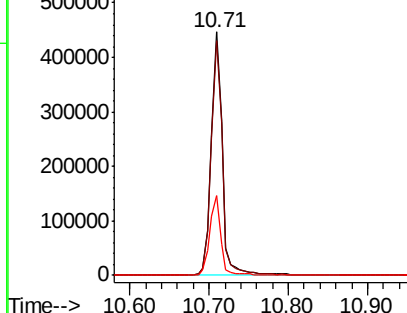
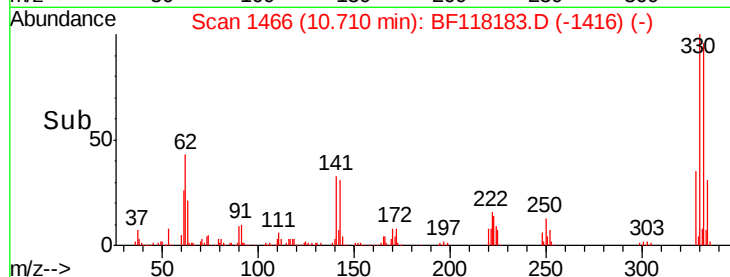
#42
 2,4,6-Tribromophenol
 Concen: 132.775 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118183.D
 Acq: 13 Dec 2019 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB125420BL

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

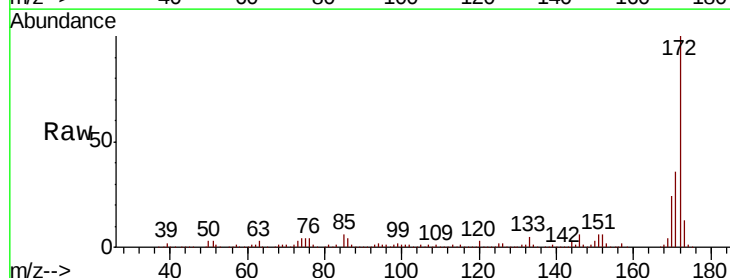


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

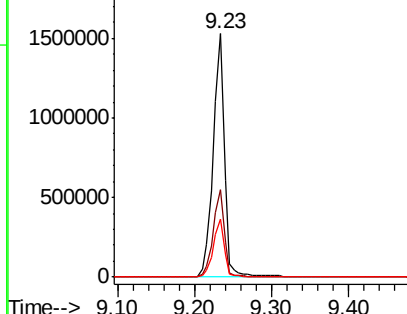
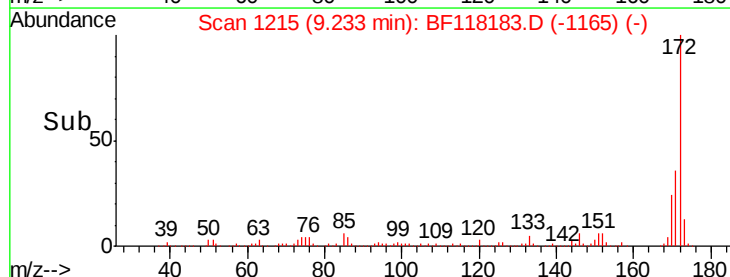


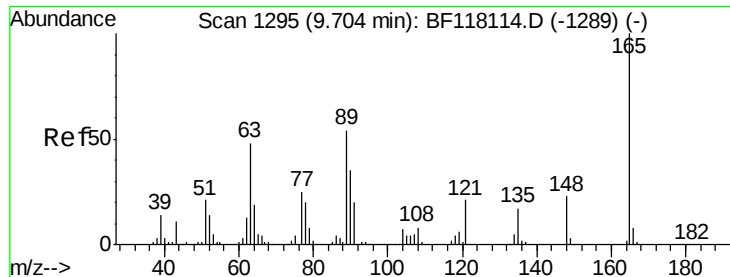
#45
 2-Fluorobiphenyl
 Concen: 86.331 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118183.D
 Acq: 13 Dec 2019 13:44

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

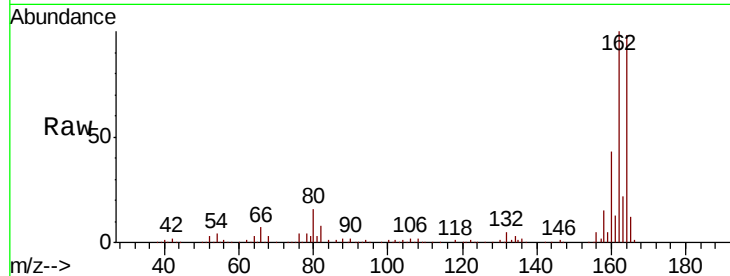




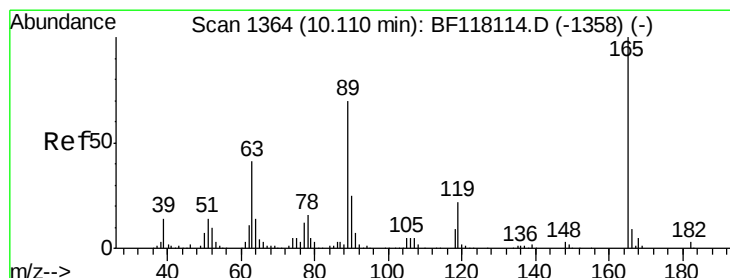
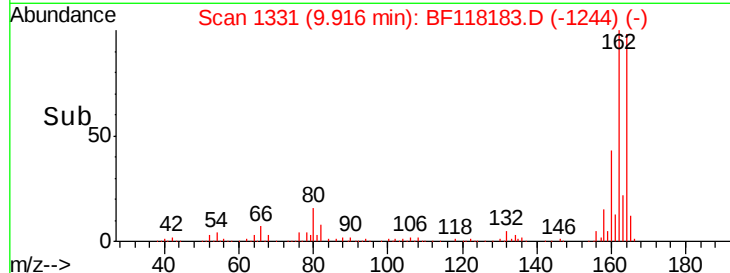
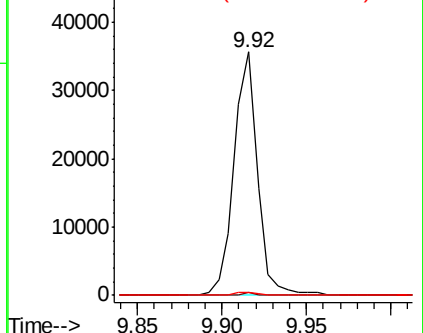
#51
 2,6-Dinitrotoluene
 Concen: 7.963 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF118183.D
 Acq: 13 Dec 2019 13:44

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

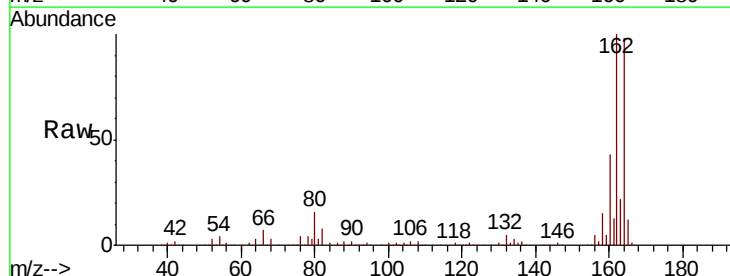


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

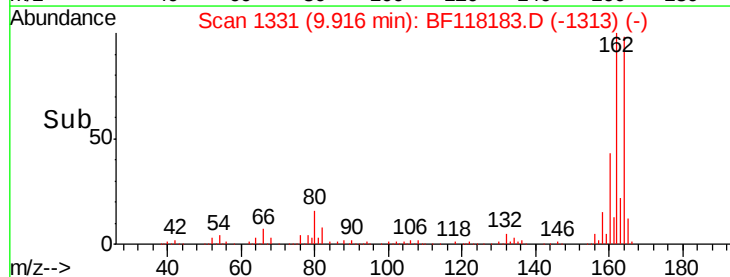
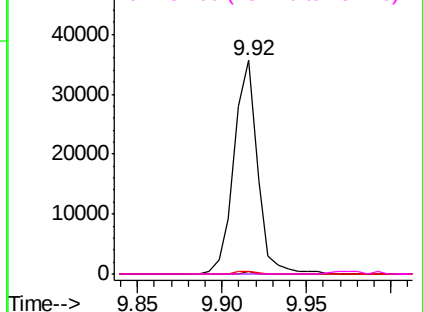


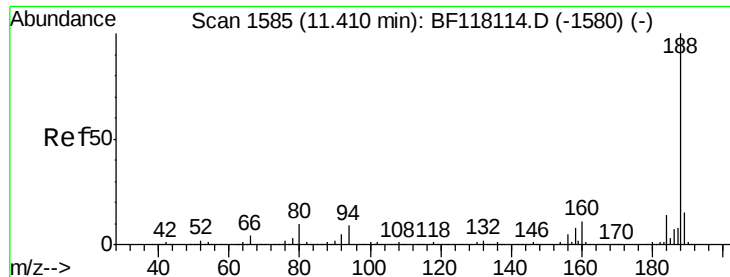
#57
 2,4-Dinitrotoluene
 Concen: 5.966 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118183.D
 Acq: 13 Dec 2019 13:44

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

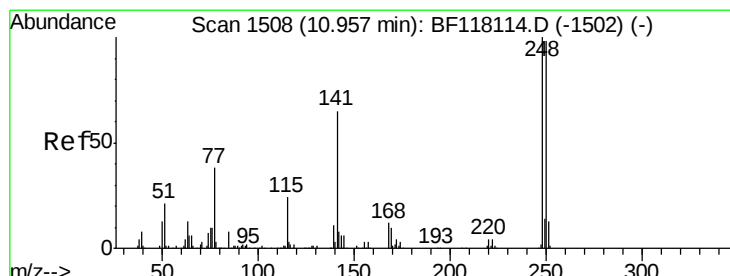
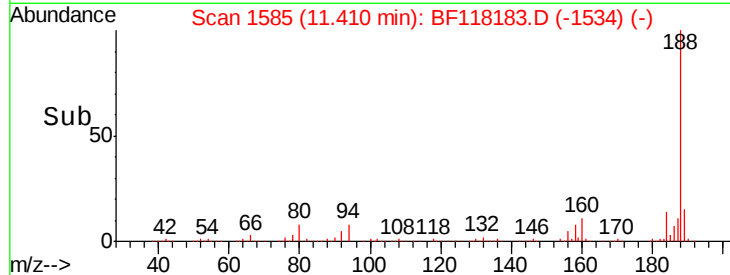
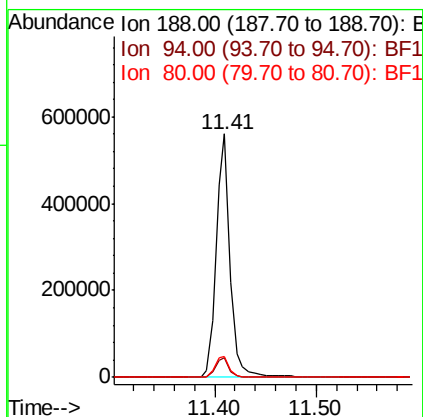
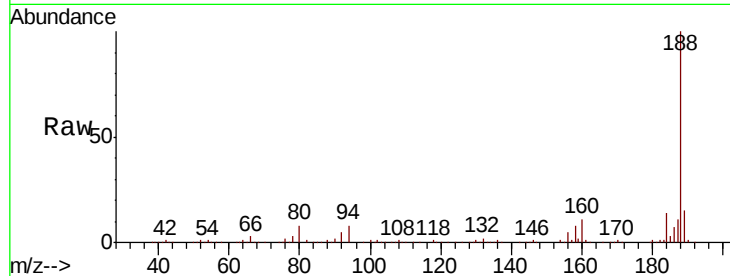




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF118183.D
 Acq: 13 Dec 2019 13:44

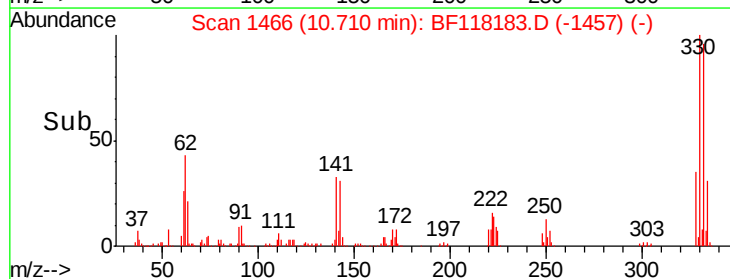
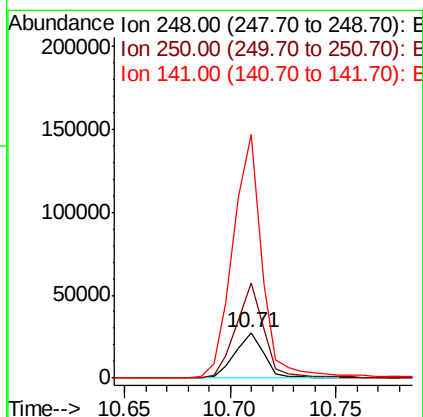
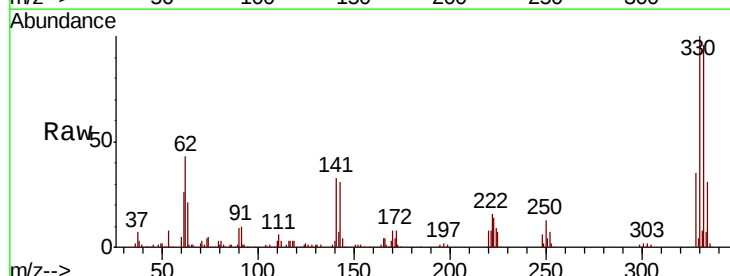
Instrument :
 BNA_F
 ClientSampleId :
 PB125420BL

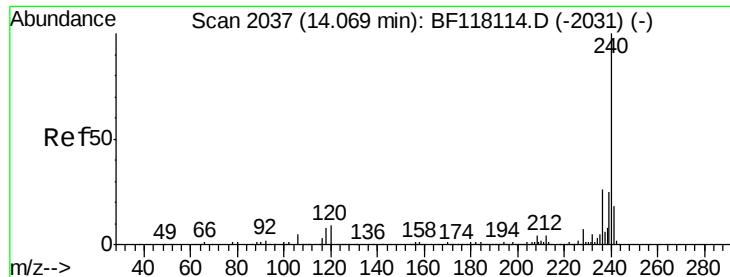
Tot Ion:188 Resp: 533272
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.1 10.7
 80 8.5 7.9 11.9



#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#





#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 :

PB125420BL

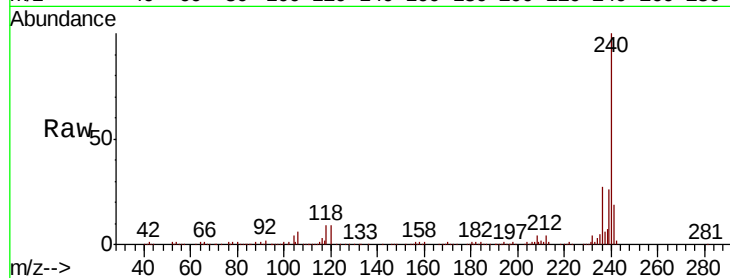
Tot Ion:240 Resp: 377686

Ion Ratio Lower Upper

240 100

120 9.0 7.1 10.7

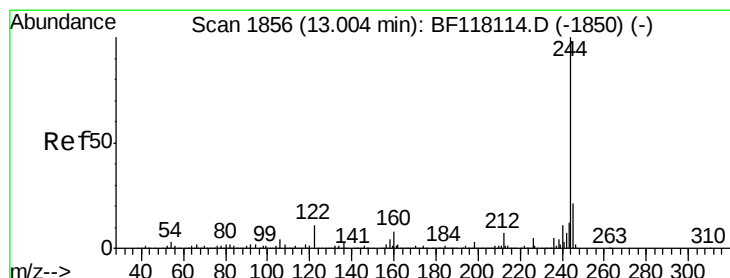
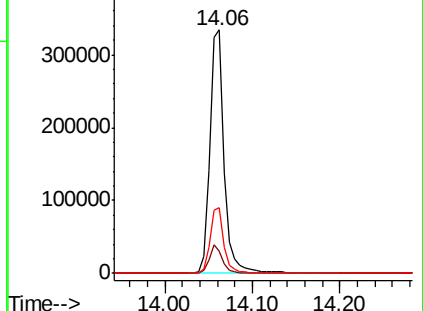
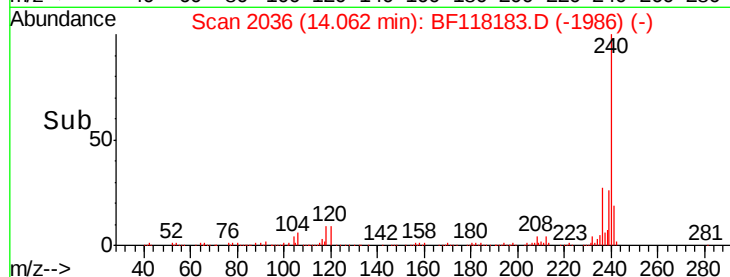
236 26.8 21.0 31.6



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

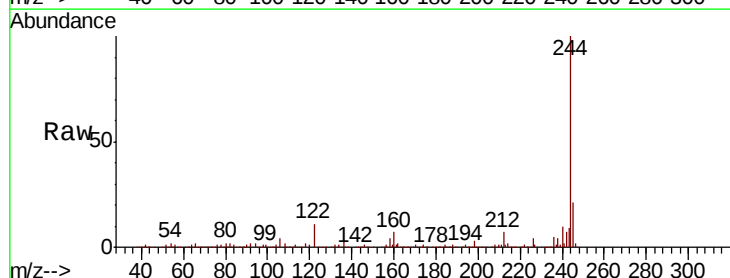
Tgt Ion:244 Resp: 1930763

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

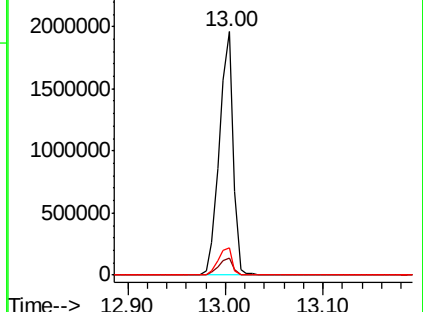
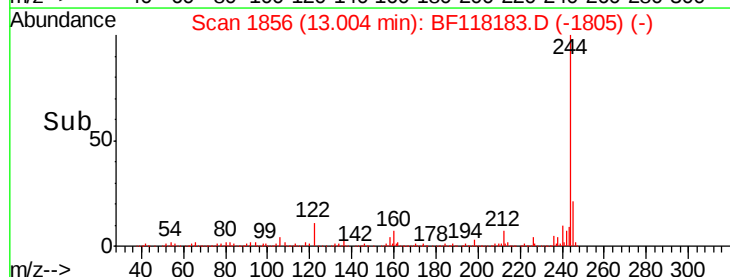
122 11.3 9.0 13.6

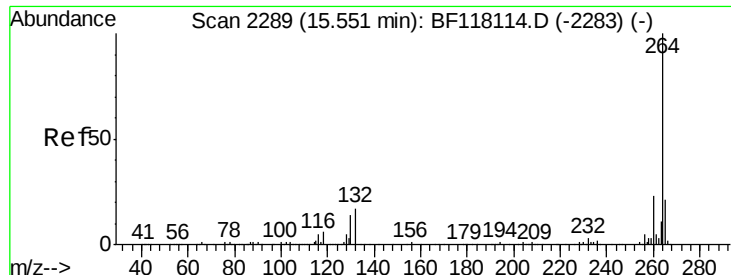


Abundance Ion 244.00 (243.70 to 244.70): E

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 :
PB125420BL

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

