

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118146.D
 Acq On : 9 Dec 2019 15:59
 Operator : JU
 Sample : PB125313BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 00:54:05 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	142548	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	563634	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	303314	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	588453	20.00	ng	0.00
76) Chrysene-d12	14.06	240	424741	20.00	ng	0.00
87) Perylene-d12	15.56	264	361657	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1338208	164.42	ng	0.02
7) Phenol-d6	6.51	99	1660462	168.68	ng	0.01
23) Nitrobenzene-d5	7.44	82	1041164	103.92	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	612686	166.28	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2105997	105.65	ng	0.00
79) Terphenyl-d14	13.01	244	2629926	106.48	ng	0.00

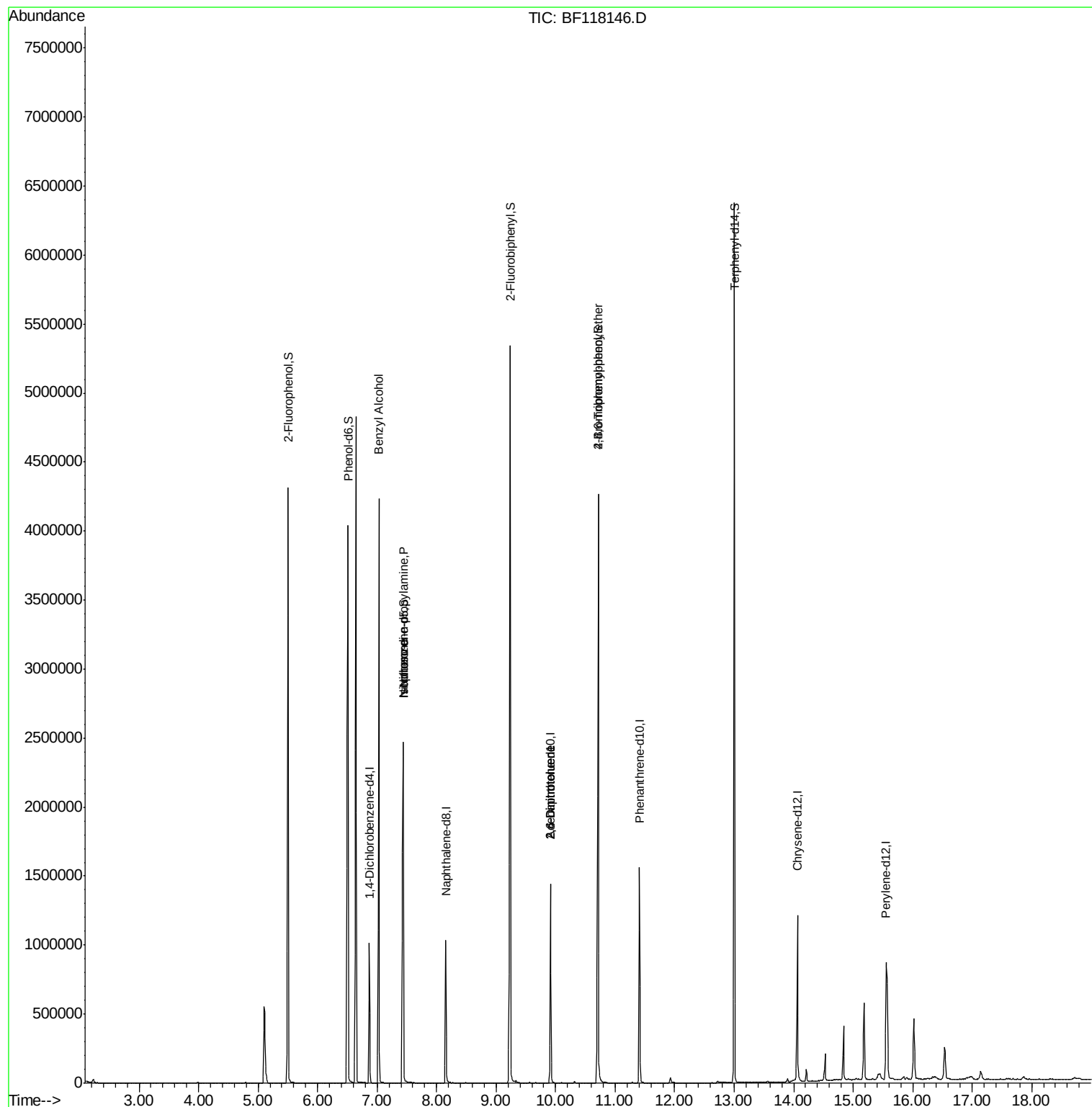
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.51	77	2541	Below Cal	#	1
15) Benzyl Alcohol	7.03	79	17992	2.341	ng	47
19) n-Nitroso-di-n-propylamine	7.44	70	142855	23.882	ng	78
25) Isophorone	7.44	82	1016855	59.872	ng	62
51) 2,6-Dinitrotoluene	9.92	165	38756	7.955	ng	27
57) 2,4-Dinitrotoluene	9.92	165	38756	5.960	ng	25
67) 4-Bromophenyl-phenylether	10.72	248	38889	5.789	ng	1

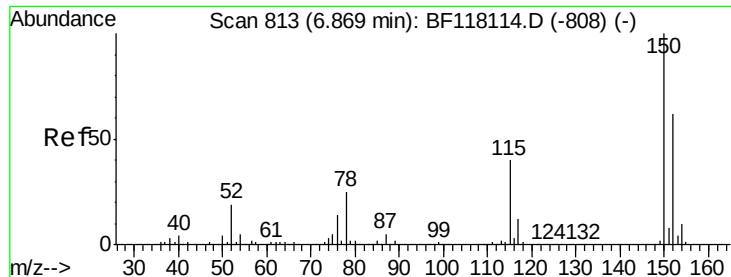
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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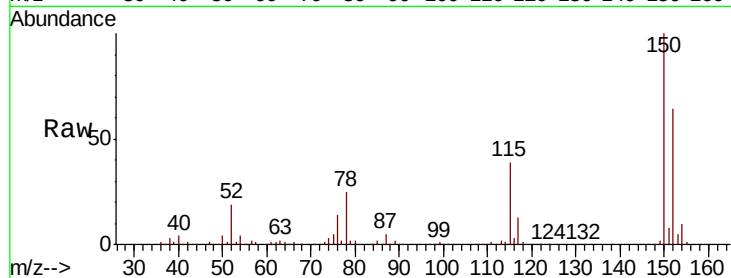


#1

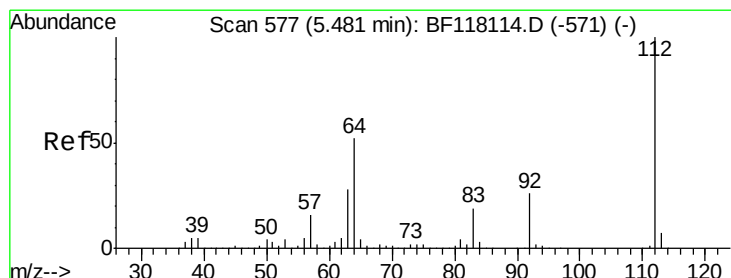
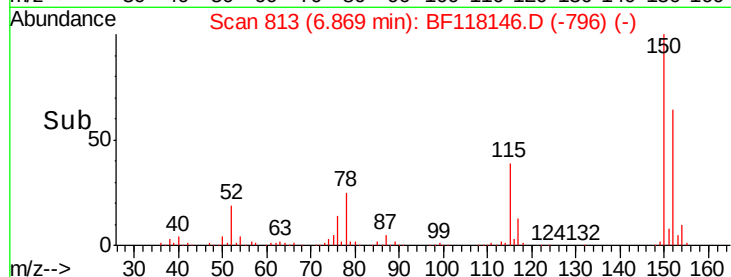
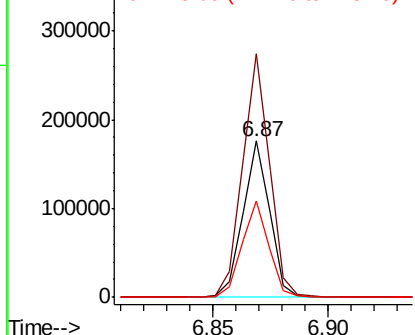
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142548
Ion Ratio Lower Upper
152 100
150 155.6 128.3 192.5
115 61.4 51.1 76.7



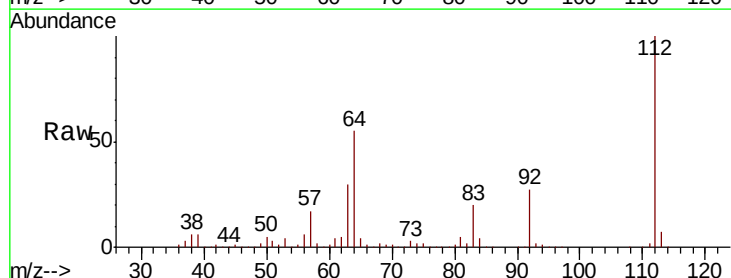
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



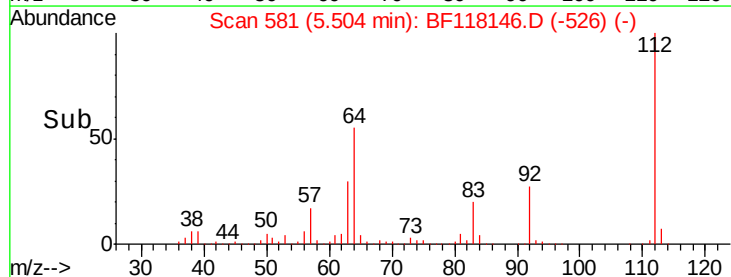
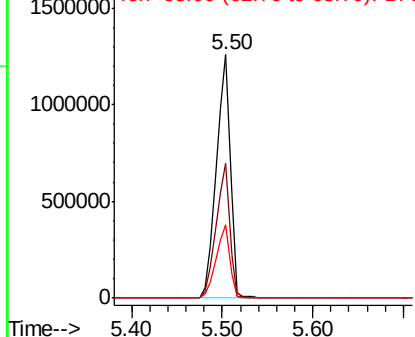
#5

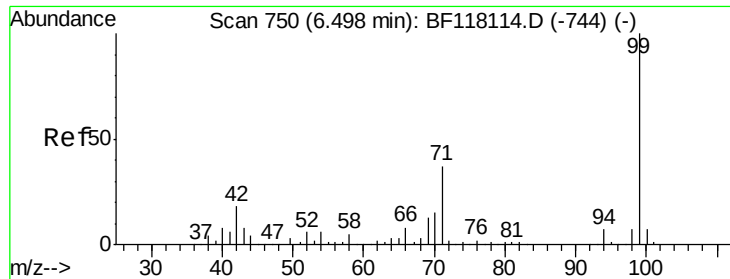
2-Fluorophenol
Concen: 164.423 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion:112 Resp: 1338208
Ion Ratio Lower Upper
112 100
64 55.2 41.3 61.9
63 30.0 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: 168.676 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118146.D

Acq: 9 Dec 2019 15:59

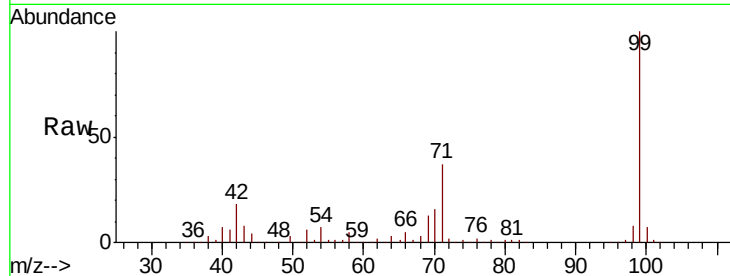
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1660462

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	37.5	29.7	44.5

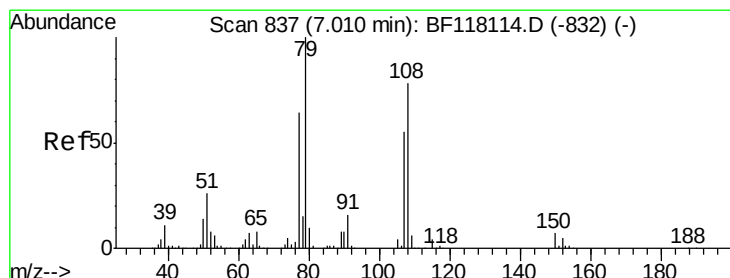
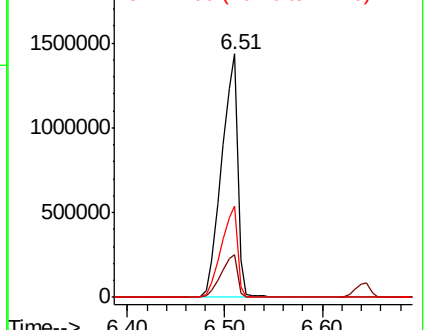
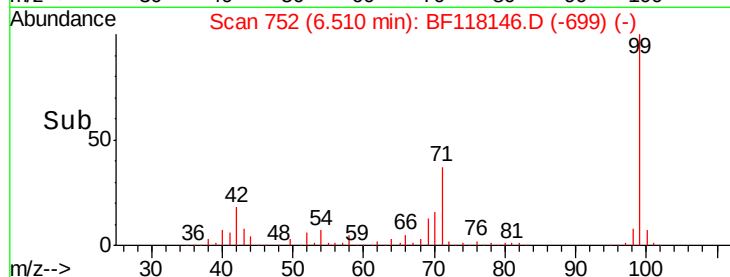


Abundance

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: 2.341 ng

RT: 7.03 min Scan# 840

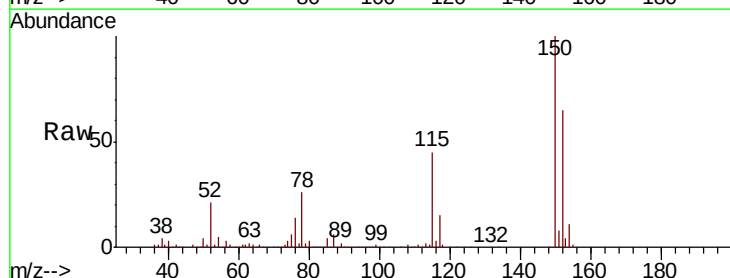
Delta R.T. 0.02 min

Lab File: BF118146.D

Acq: 9 Dec 2019 15:59

Tgt Ion: 79 Resp: 17992

Ion	Ratio	Lower	Upper
79	100		
108	34.1	62.7	94.1#
77	107.4	51.4	77.2#

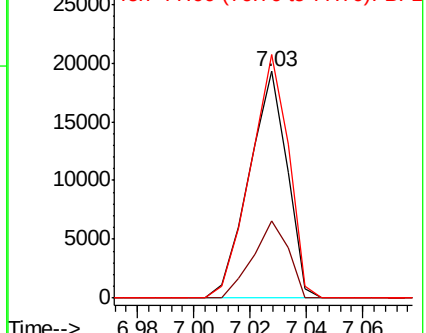
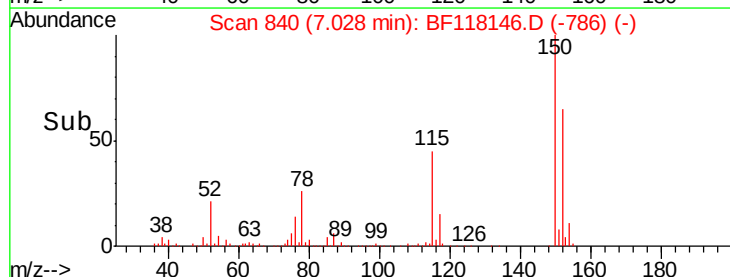


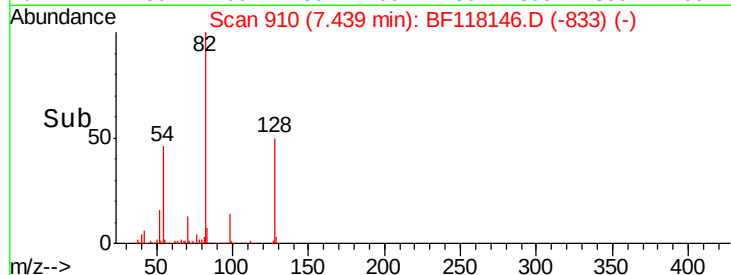
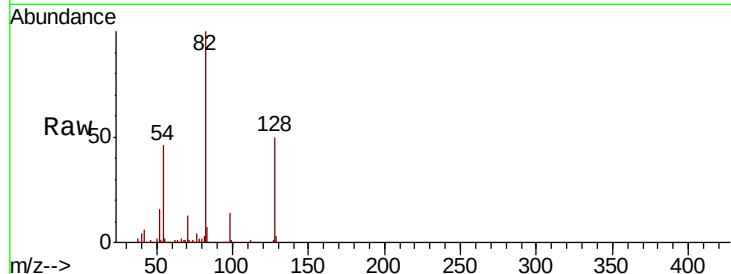
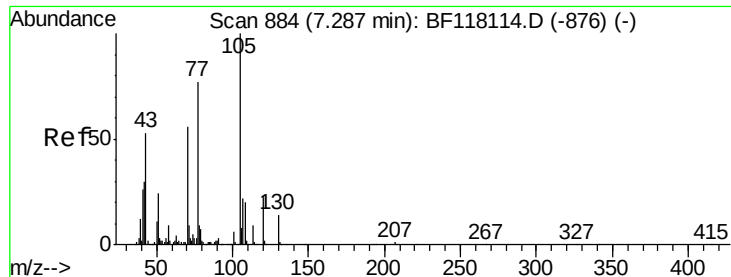
Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

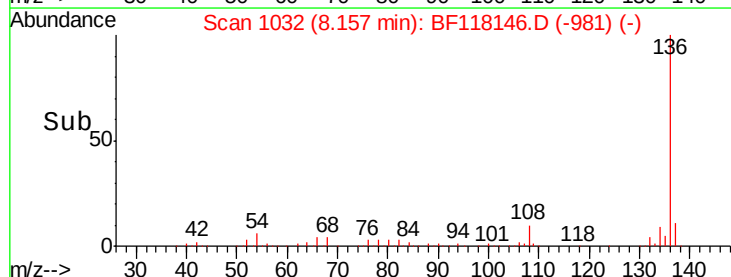
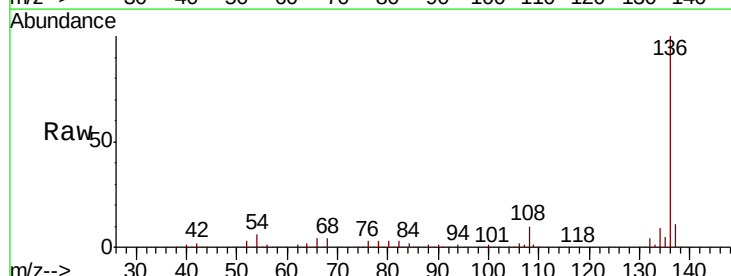
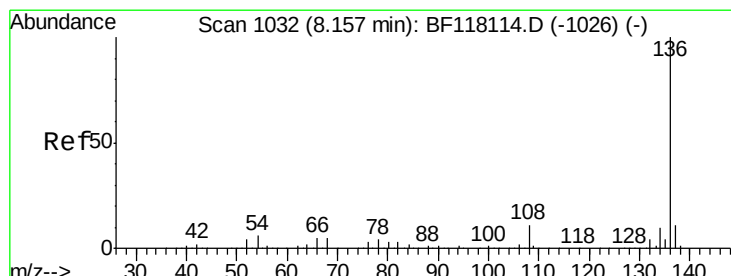
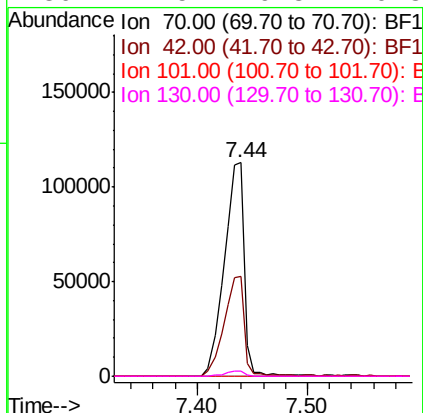




#19
n-Nitroso-di-n-propylamine
Concen: 23.882 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

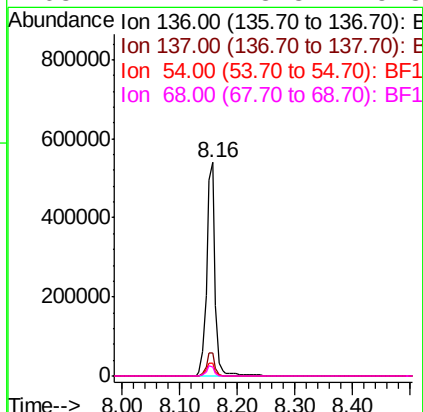
Instrument :
BNA_F
ClientSampleId :

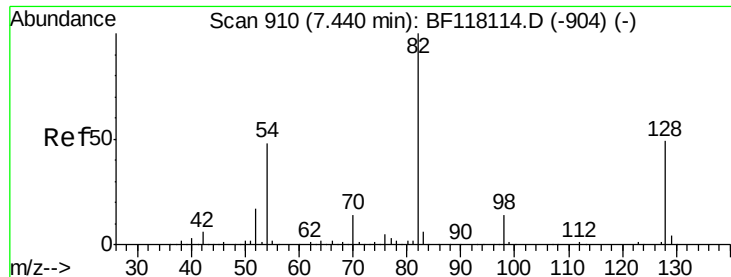
Tot Ion: 70 Resp: 142855
Ion Ratio Lower Upper
70 100
42 46.7 43.2 64.8
101 0.0 8.1 12.1#
130 2.5 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion:136 Resp: 563634
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 5.7 5.0 7.6
68 4.1 3.8 5.8

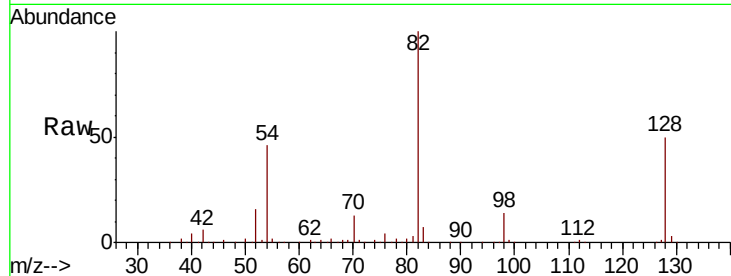




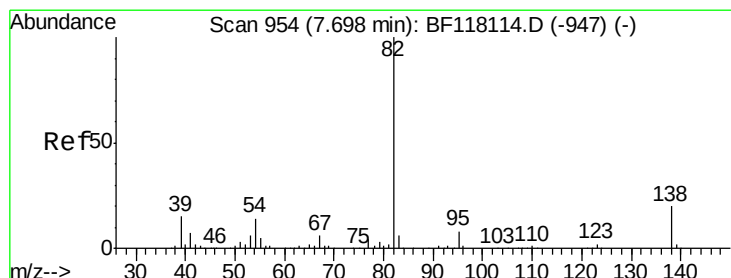
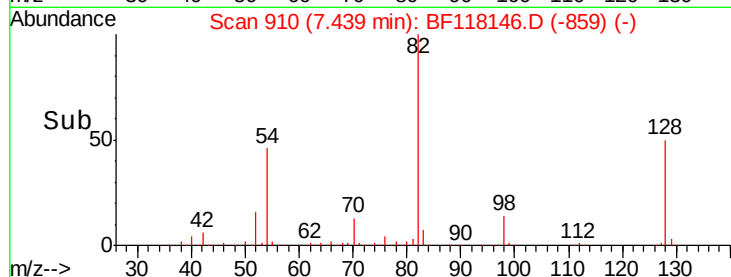
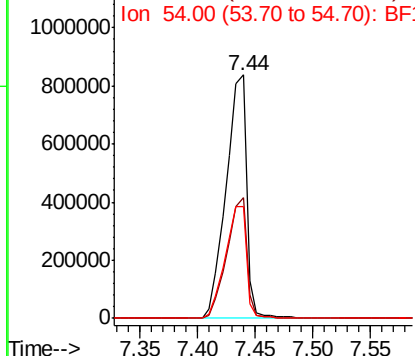
#23
 Nitrobenzene-d5
 Concen: 103.921 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118146.D
 Acq: 9 Dec 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1041164
 Ion Ratio Lower Upper
 82 100
 128 49.5 39.1 58.7
 54 46.0 38.2 57.2

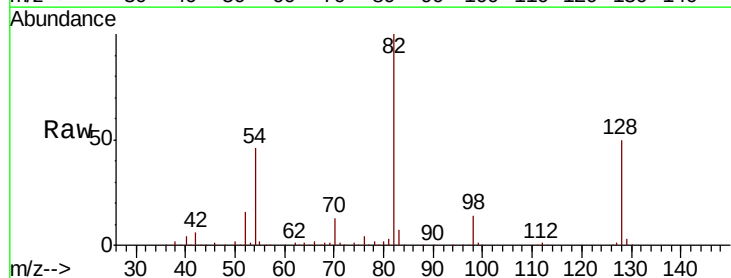


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

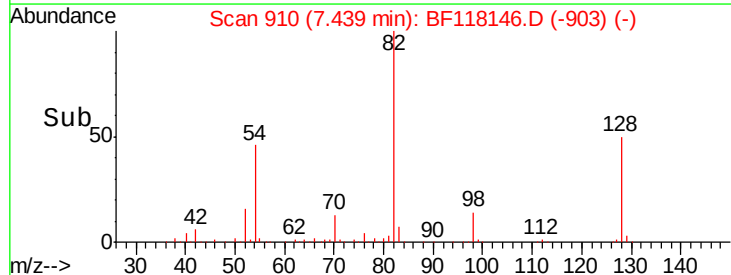
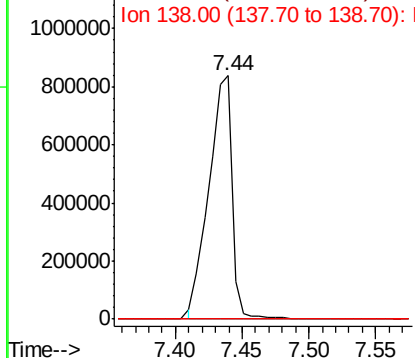


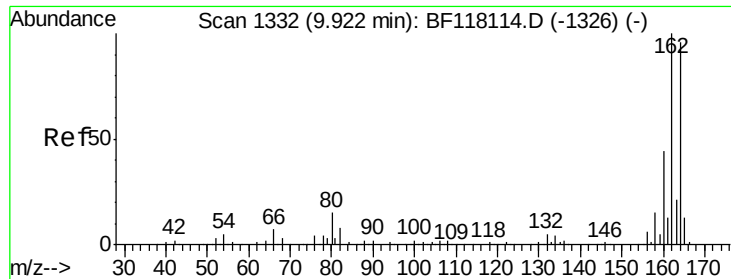
#25
 Isophorone
 Concen: 59.872 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF118146.D
 Acq: 9 Dec 2019 15:59

Tgt Ion: 82 Resp: 1016855
 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

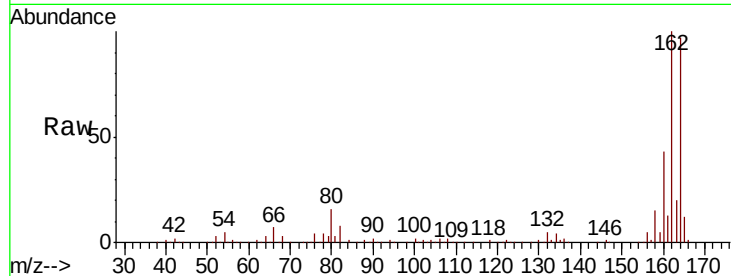




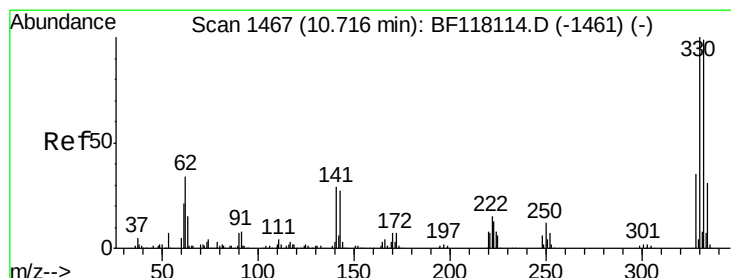
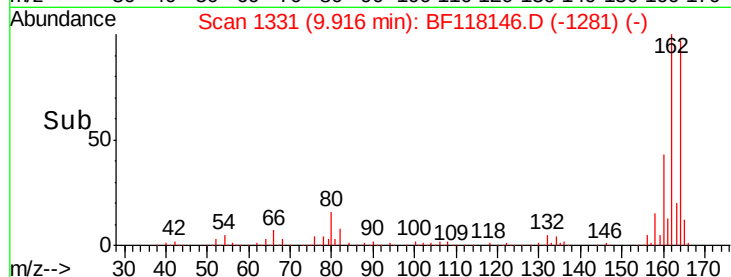
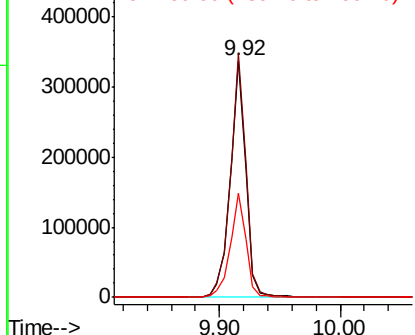
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 303314
Ion Ratio Lower Upper
164 100
162 102.9 83.4 125.0
160 44.2 36.6 54.8

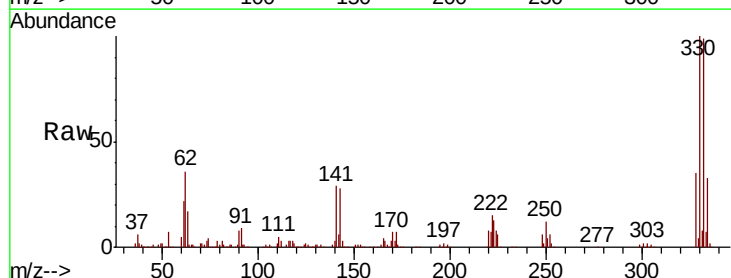


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

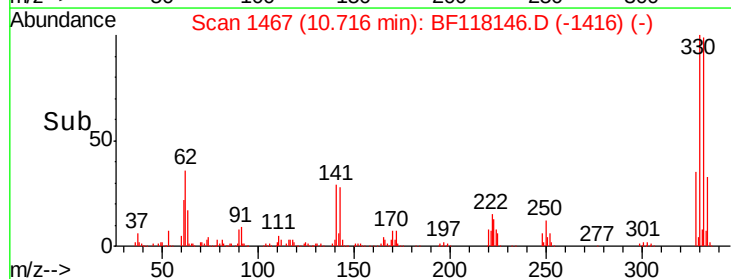
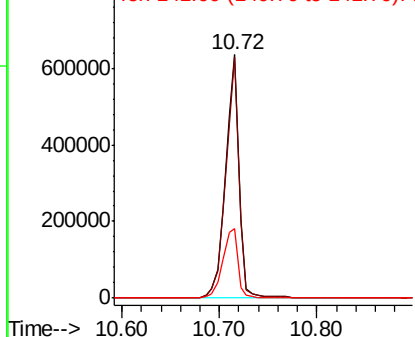


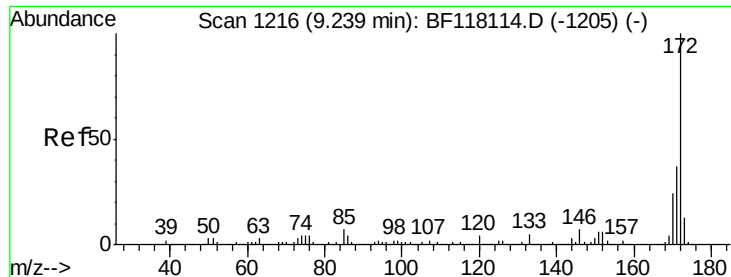
#42
2,4,6-Tribromophenol
Concen: 166.278 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion:330 Resp: 612686
Ion Ratio Lower Upper
330 100
332 97.7 78.1 117.1
141 32.1 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



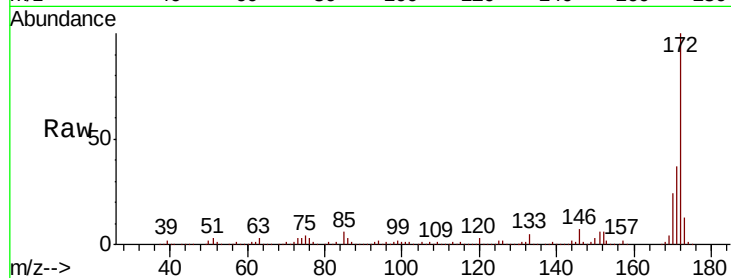


#45
 2-Fluorobiphenyl
 Concen: 105.652 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF118146.D
 Acq: 9 Dec 2019 15:59

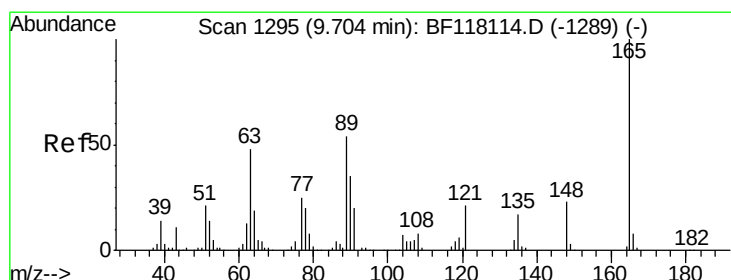
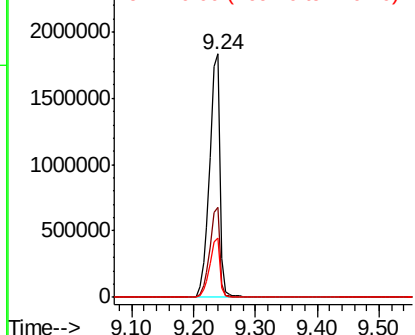
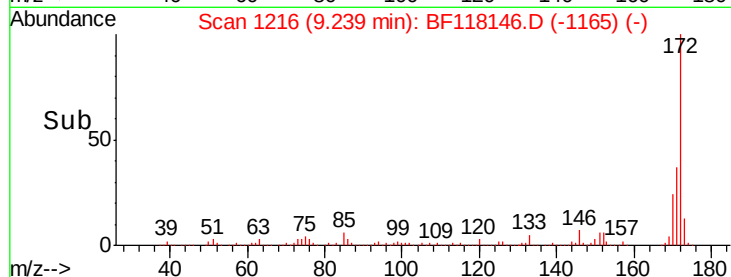
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2105997

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.2	43.8
170	24.2	19.4	29.2



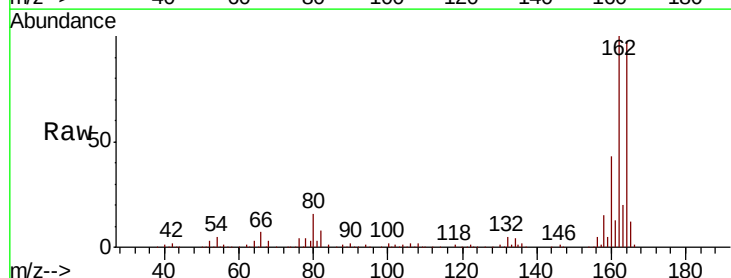
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



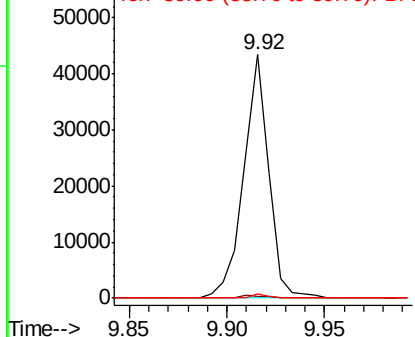
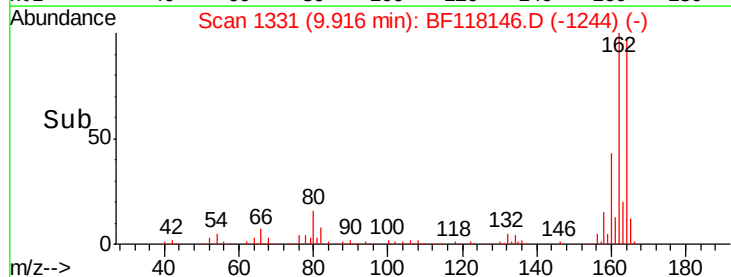
#51
 2,6-Dinitrotoluene
 Concen: 7.955 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF118146.D
 Acq: 9 Dec 2019 15:59

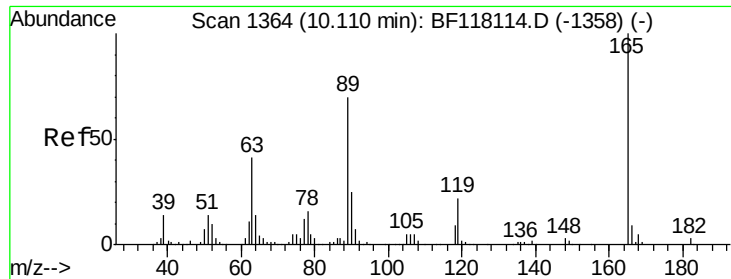
Tgt Ion:165 Resp: 38756

Ion	Ratio	Lower	Upper
165	100		
63	0.7	41.4	62.0#
89	1.6	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

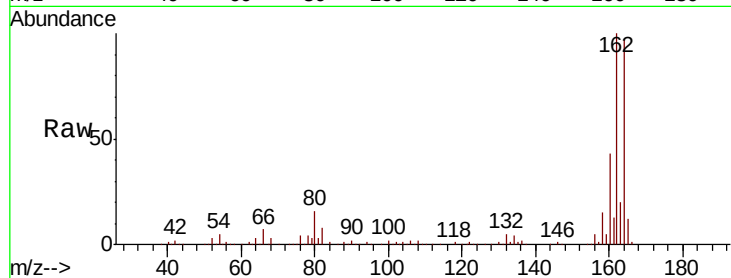




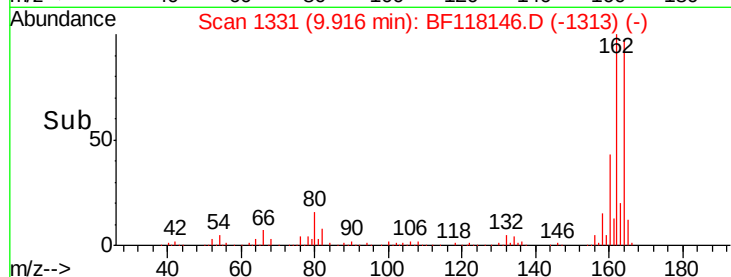
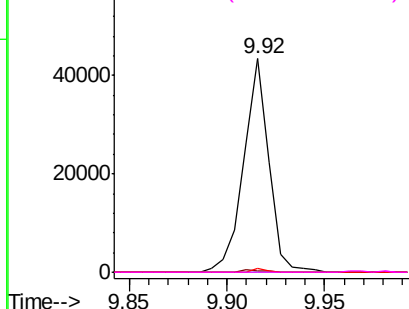
#57
 2,4-Dinitrotoluene
 Concen: 5.960 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118146.D
 Acq: 9 Dec 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.7	32.6	49.0#
89	1.6	56.1	84.1#
182	0.0	2.1	3.1#

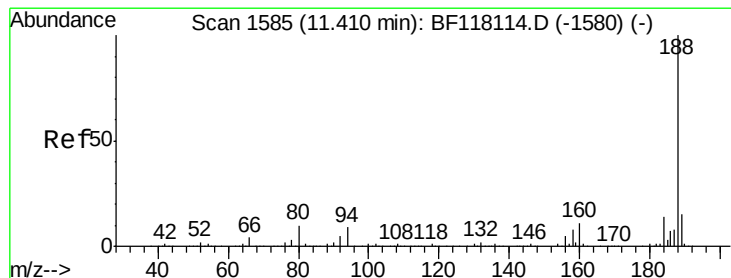


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

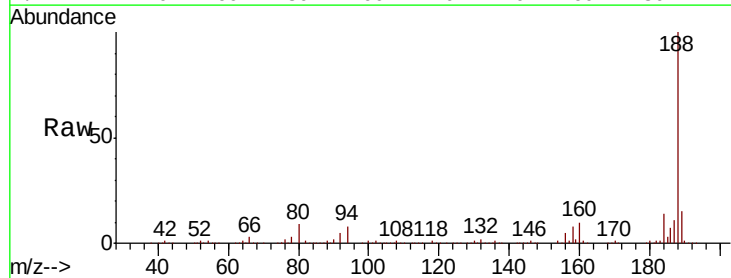
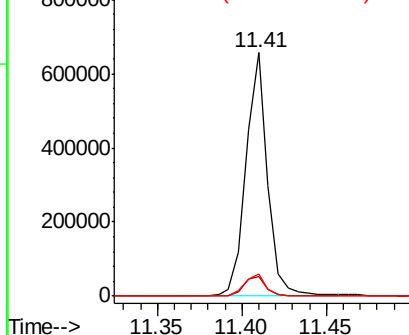


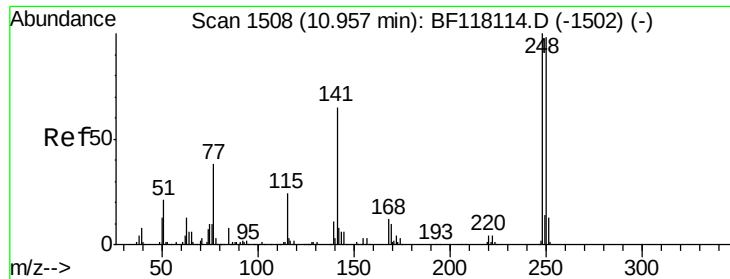
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF118146.D
 Acq: 9 Dec 2019 15:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	9.0	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

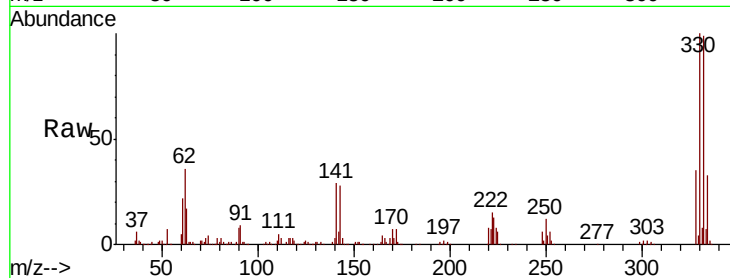




#67
4-Bromophenyl-phenylether
Concen: 5.789 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	194.9	78.3	117.5#
141	456.9	52.2	78.4#

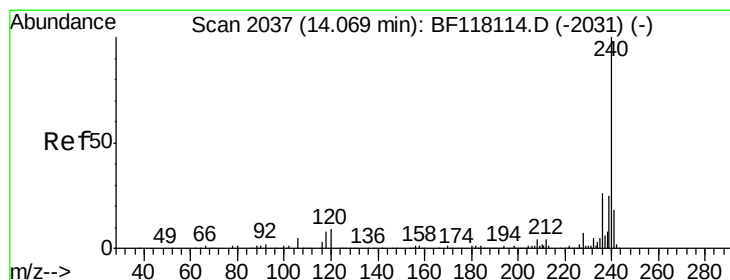
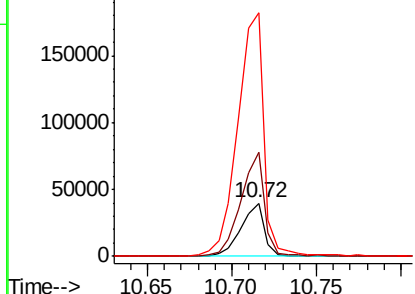
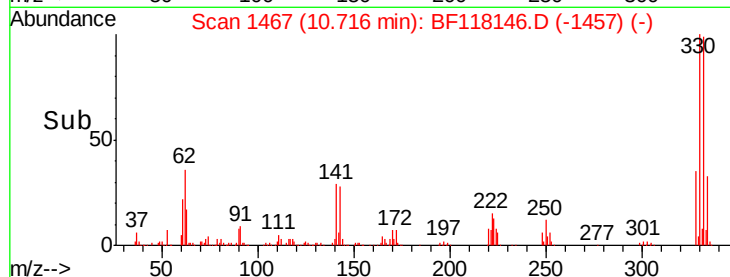


Abundance

Ion 248.00 (247.70 to 248.70): E

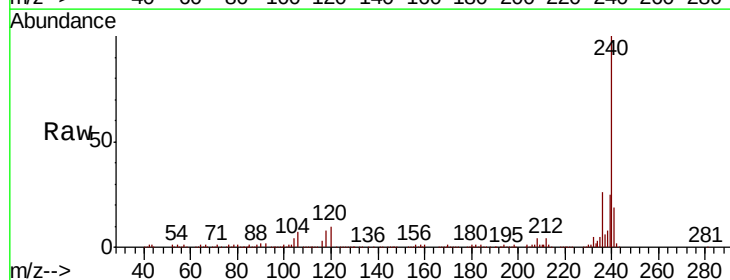
Ion 250.00 (249.70 to 250.70): E

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: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.1	10.7
236	26.1	21.0	31.6

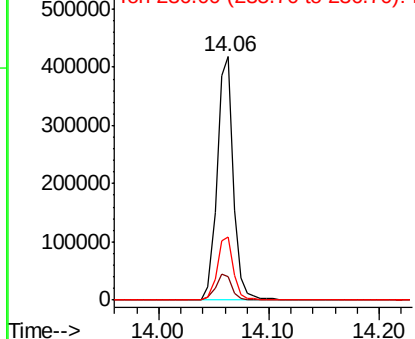
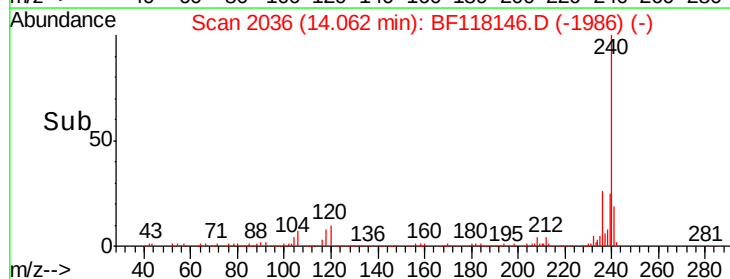


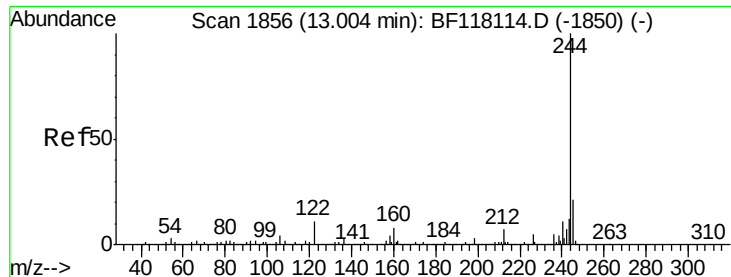
Abundance

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: 106.476 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF118146.D

Acq: 9 Dec 2019 15:59

Instrument :

BNA_F

ClientSampleId :

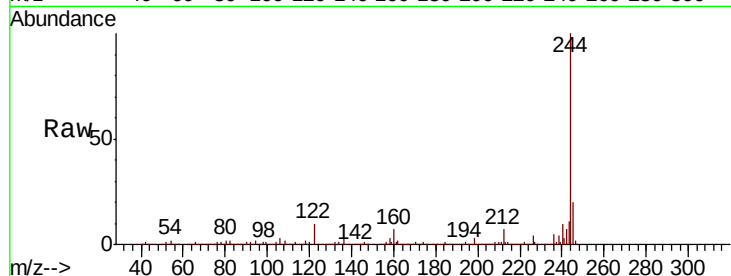
Tot Ion:244 Resp: 2629926

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

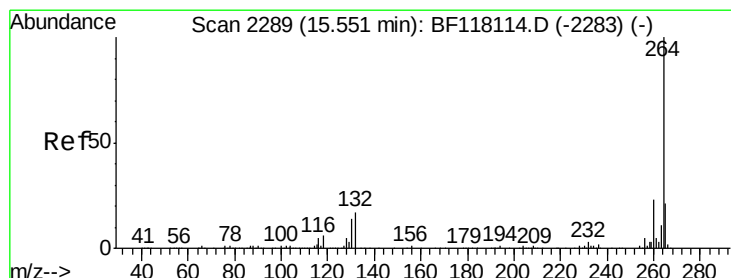
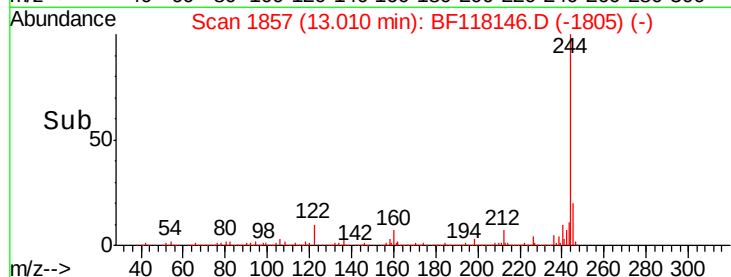
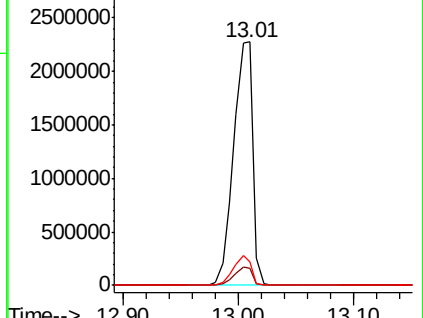
122 9.5 9.0 13.6



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: 15.56 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BF118146.D

Acq: 9 Dec 2019 15:59

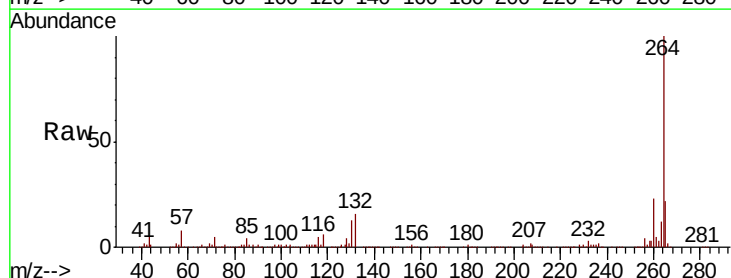
Tgt Ion:264 Resp: 361657

Ion Ratio Lower Upper

264 100

260 22.7 18.6 28.0

265 21.9 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

