

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
 Data File : BF119158.D
 Acq On : 29 Feb 2020 14:49
 Operator : CG/JU
 Sample : PB127150TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 05:45:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

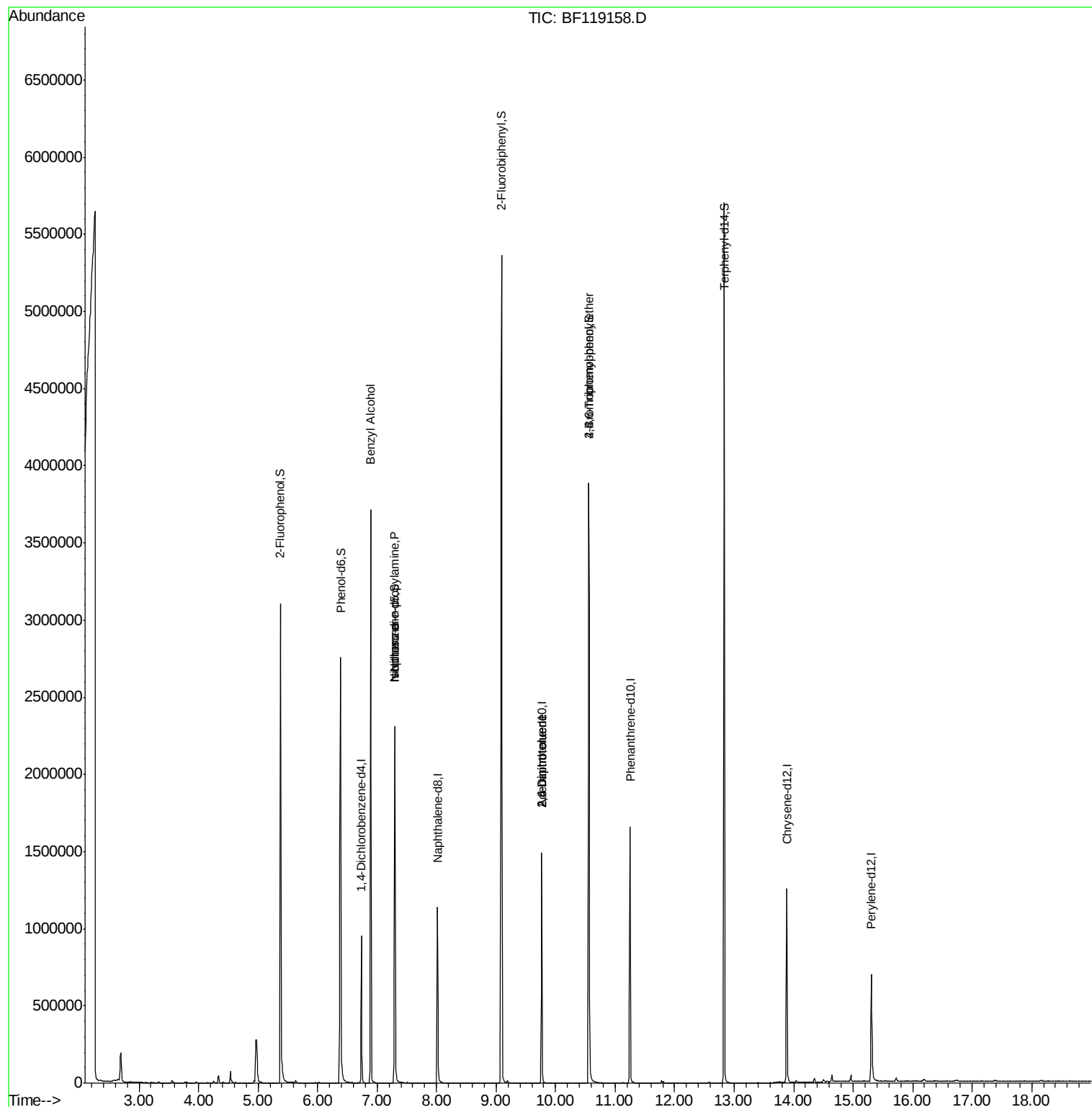
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148845	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	580350	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	332218	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	644413	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	459875	20.00	ng	-0.02
87) Perylene-d12	15.31	264	368026	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1028700	115.50	ng	0.00
7) Phenol-d6	6.39	99	1144196	105.63	ng	-0.02
23) Nitrobenzene-d5	7.30	82	944909	85.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	572718	131.78	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1851371	82.10	ng	-0.02
79) Terphenyl-d14	12.84	244	2502968	93.71	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.89	79	16565	2.116	ng	# 50
19) n-Nitroso-di-n-propylamine	7.30	70	131542	20.841	ng	# 76
25) Isophorone	7.30	82	935850	49.026	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	42937	7.607	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	42937	5.869	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	37312	4.430	ng	# 1

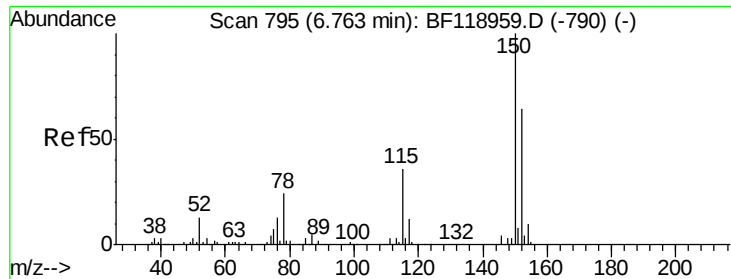
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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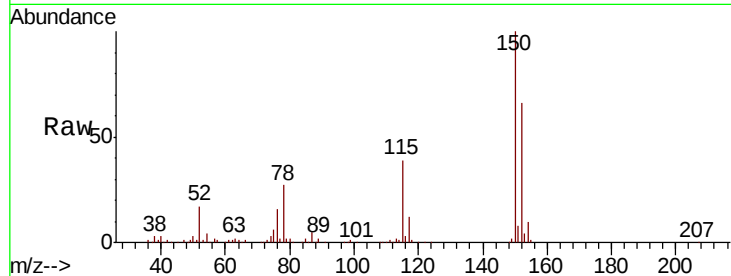


#1

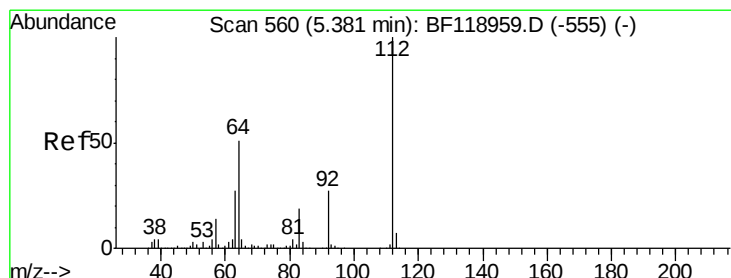
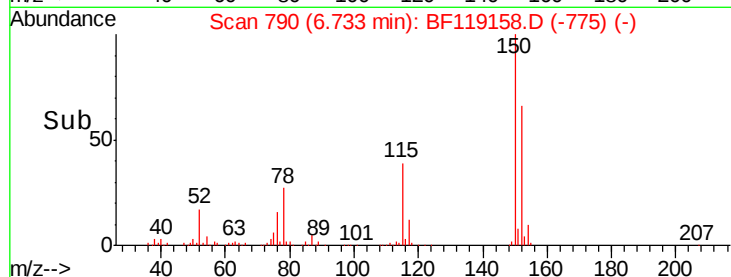
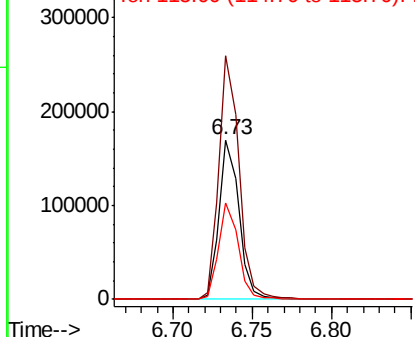
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148845
Ion Ratio Lower Upper
152 100
150 152.4 123.0 184.6
115 60.1 49.5 74.3



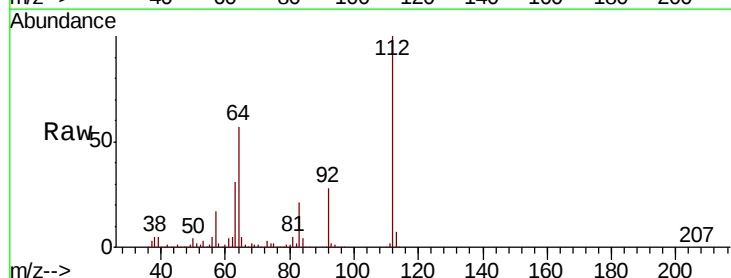
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



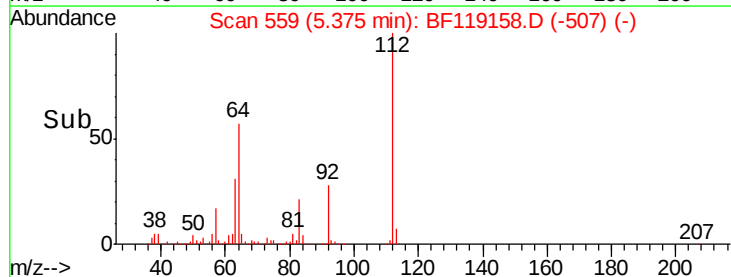
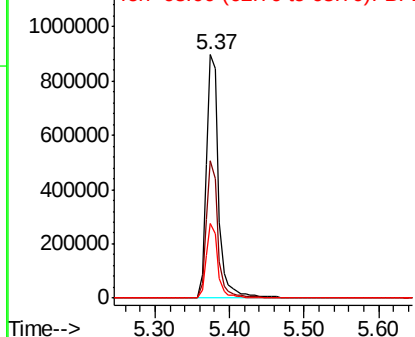
#5

2-Fluorophenol
Concen: 115.499 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

Tgt Ion:112 Resp: 1028700
Ion Ratio Lower Upper
112 100
64 56.7 45.0 67.4
63 30.7 24.2 36.4



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: 105.631 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119158.D

Acq: 29 Feb 2020 14:49

Instrument :

BNA_F

ClientSampled :

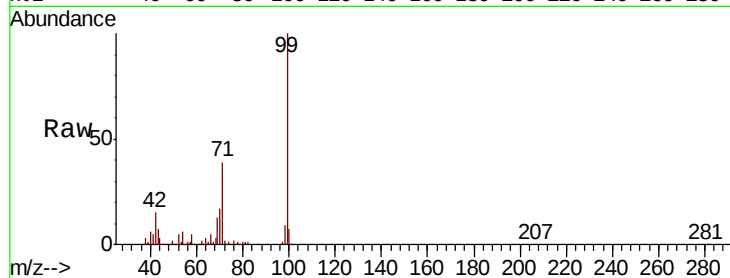
Tot Ion: 99 Resp: 1144196

Ion Ratio Lower Upper

99 100

42 14.7 12.6 18.8

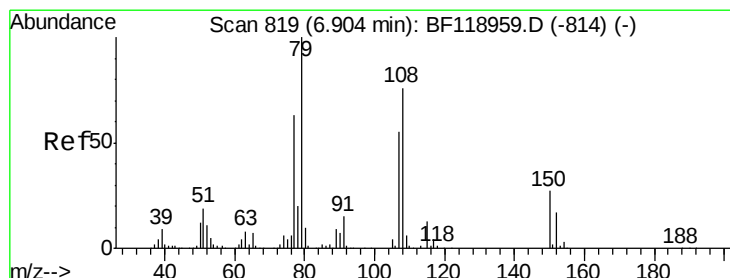
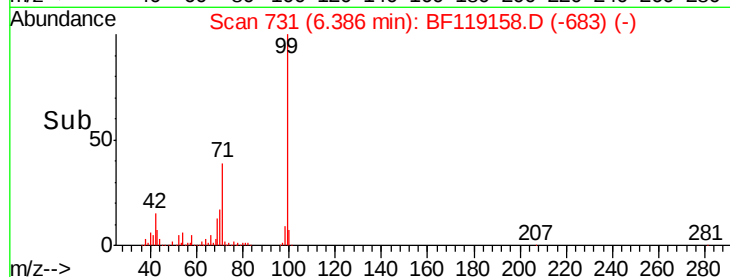
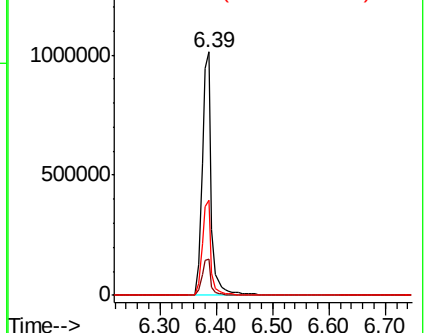
71 39.0 31.0 46.4



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: 2.116 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119158.D

Acq: 29 Feb 2020 14:49

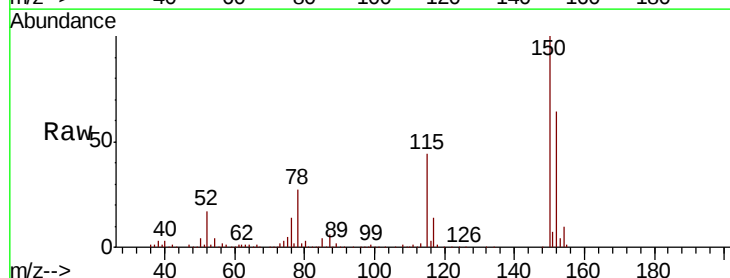
Tgt Ion: 79 Resp: 16565

Ion Ratio Lower Upper

79 100

108 33.0 58.2 87.2#

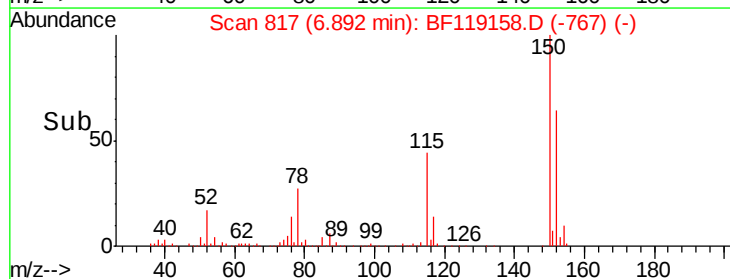
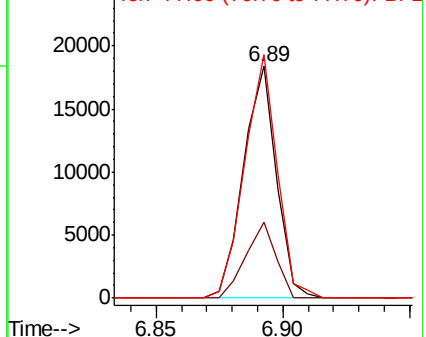
77 105.2 51.2 76.8#

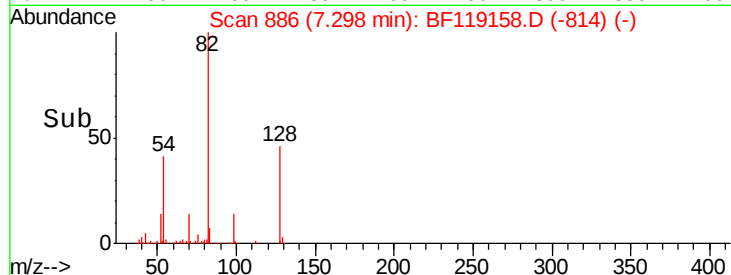
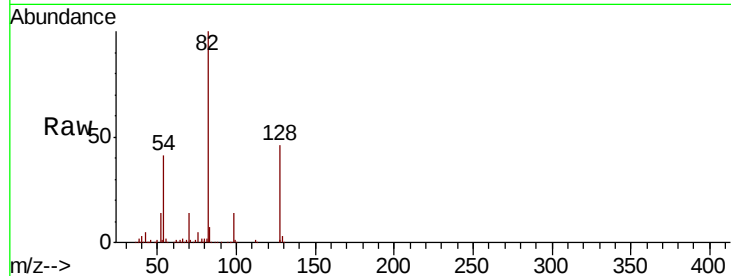


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

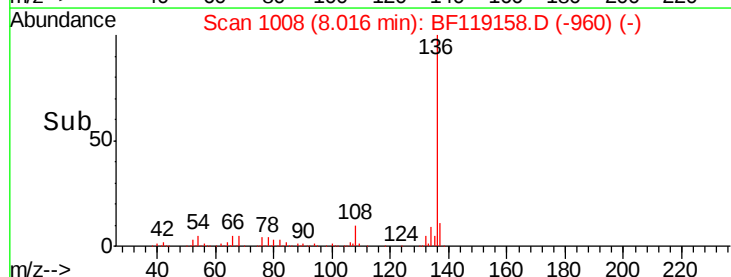
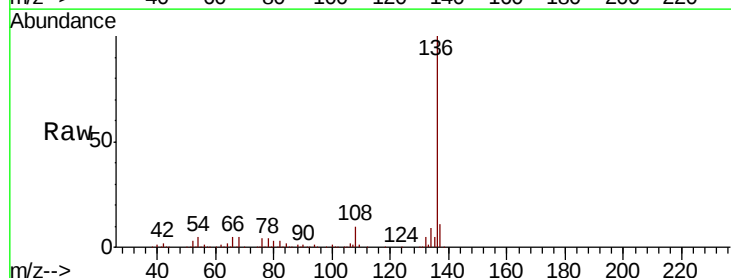
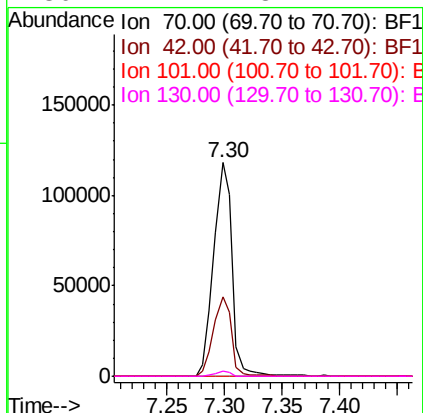




#19
n-Nitroso-di-n-propylamine
Concen: 20.841 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

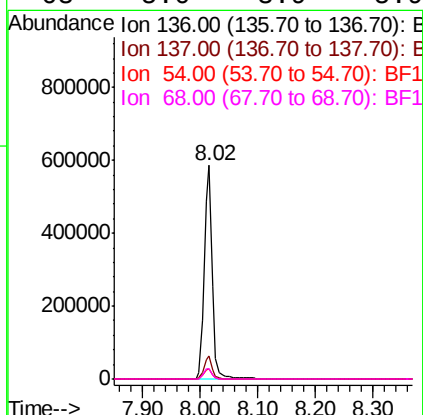
Instrument :
BNA_F
ClientSampleId :

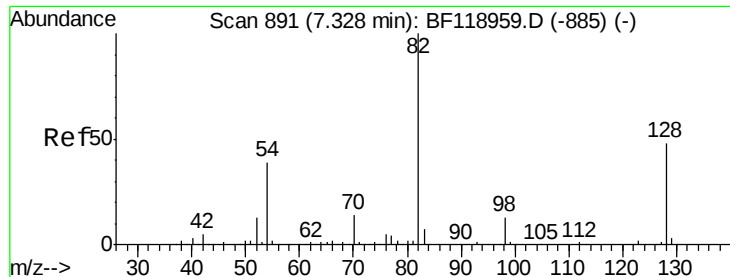
Tot Ion: 70 Resp: 131542
Ion Ratio Lower Upper
70 100
42 37.4 38.0 57.0#
101 0.0 8.2 12.4#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

Tgt Ion: 136 Resp: 580350
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 4.8 3.8 5.6
68 5.0 3.9 5.9

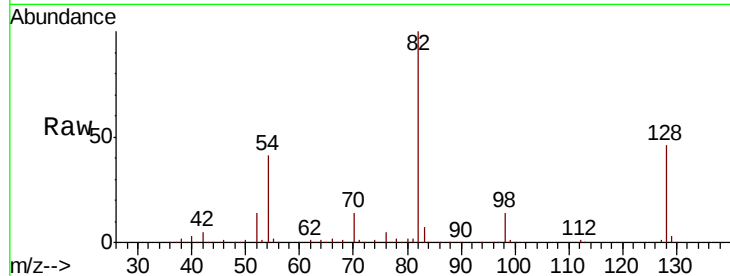




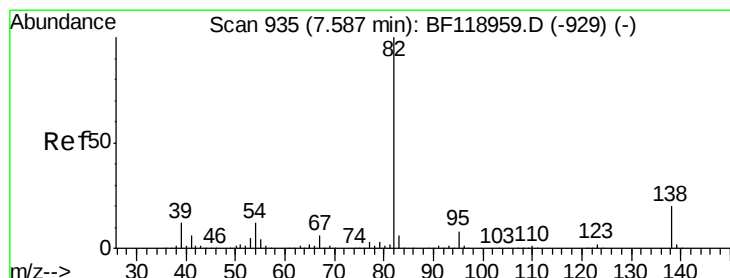
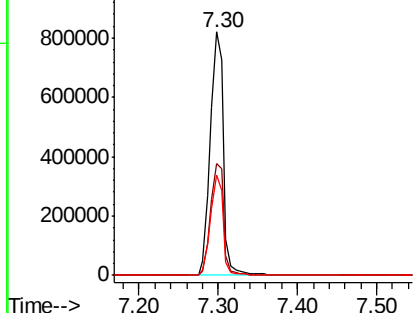
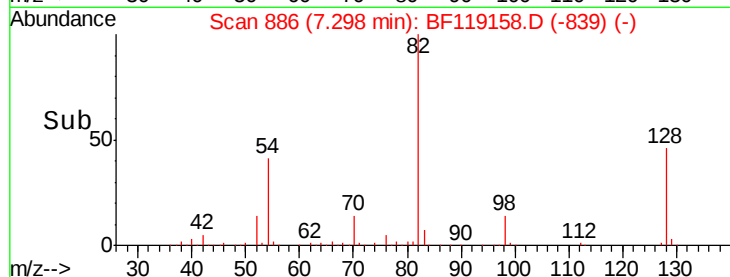
#23
Nitrobenzene-d5
Concen: 85.967 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 944909
Ion Ratio Lower Upper
82 100
128 45.9 37.9 56.9
54 41.2 33.4 50.2

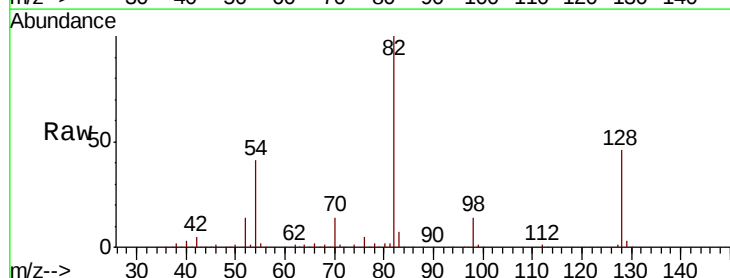


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

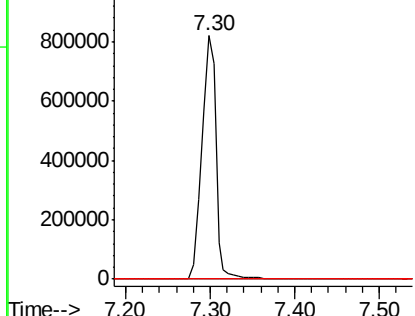
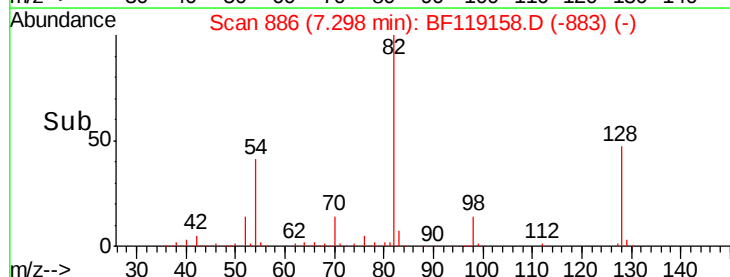


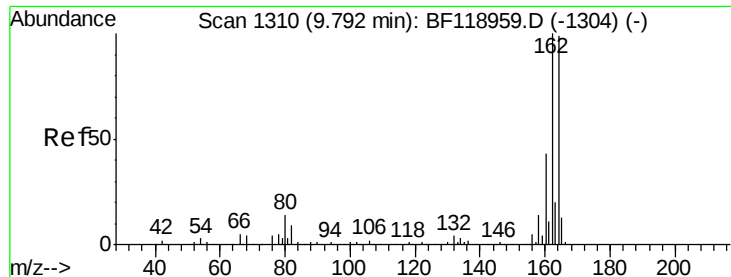
#25
Isophorone
Concen: 49.026 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

Tgt Ion: 82 Resp: 935850
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



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

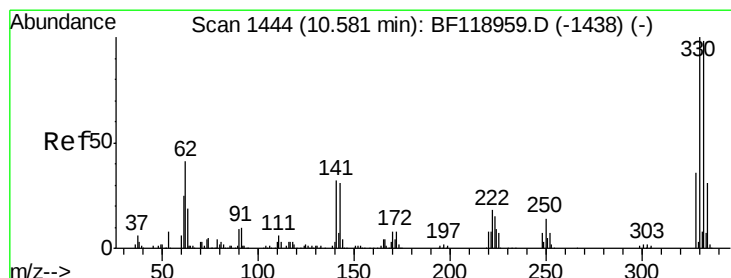
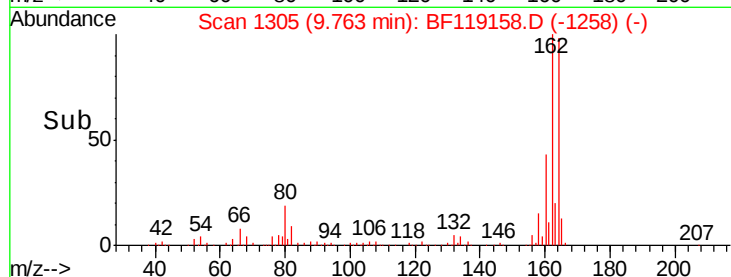
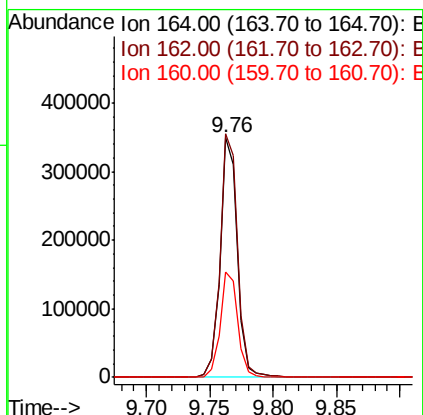
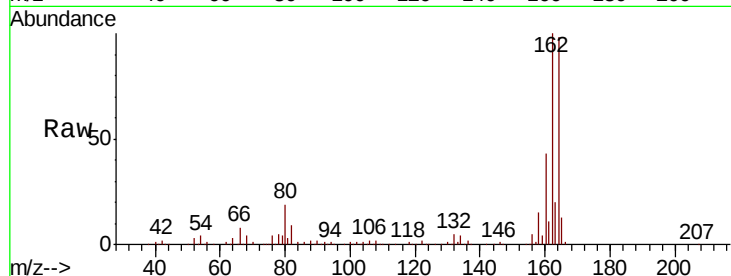




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

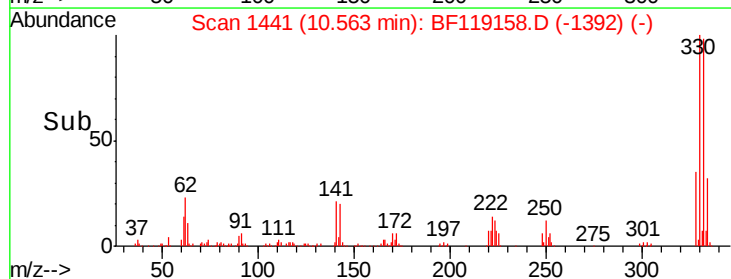
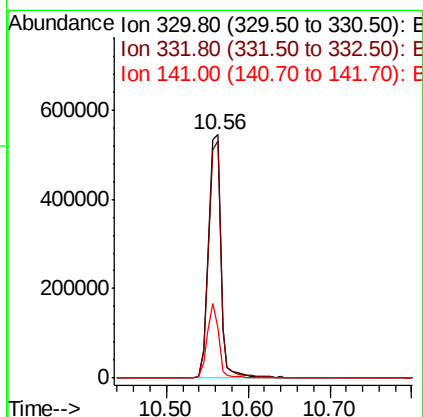
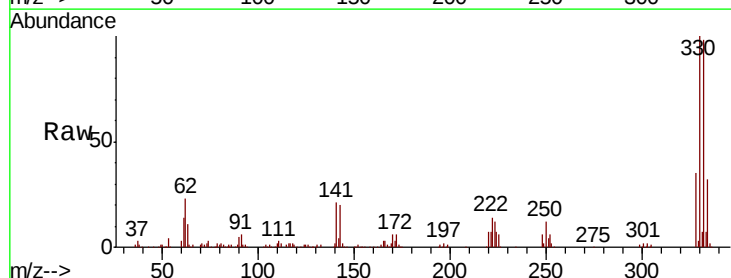
Instrument :
BNA_F
ClientSampleId :

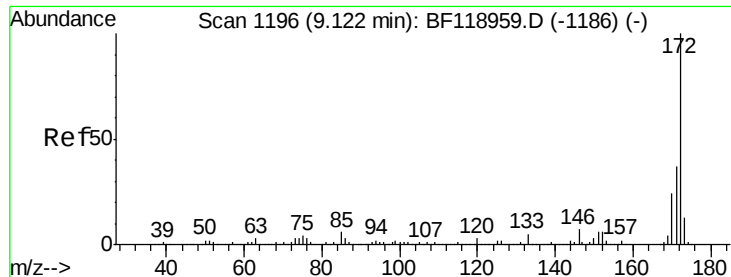
Tot Ion:164 Resp: 332218
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.8
160 44.1 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 131.781 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

Tgt Ion:330 Resp: 572718
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 28.8 22.9 34.3



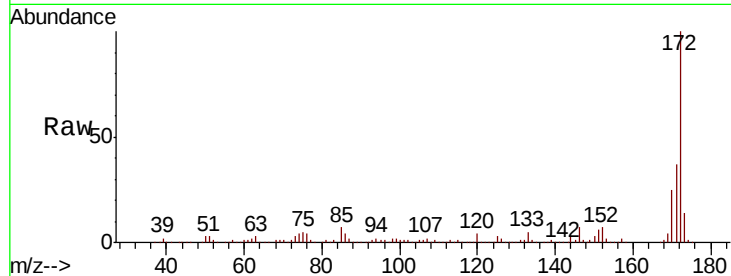


#45
 2-Fluorobiphenyl
 Concen: 82.096 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119158.D
 Acq: 29 Feb 2020 14:49

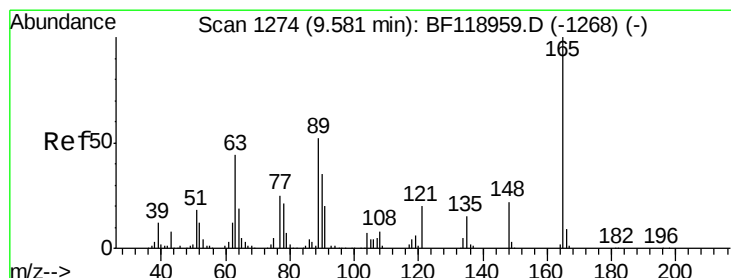
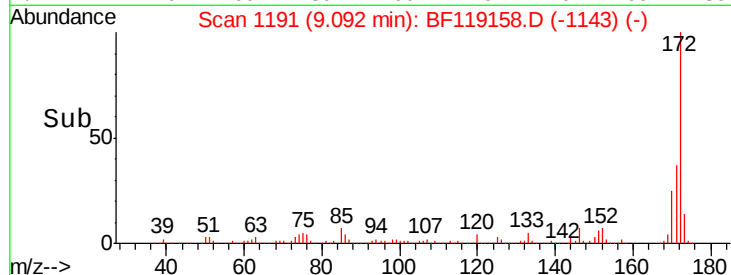
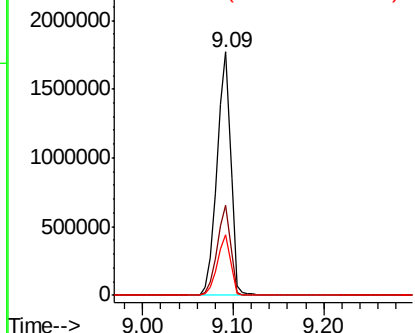
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1851371

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	24.8	20.2	30.2



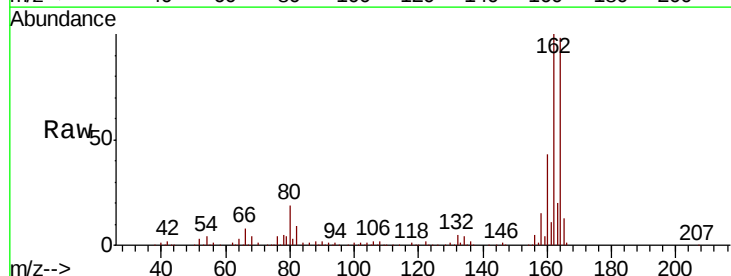
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



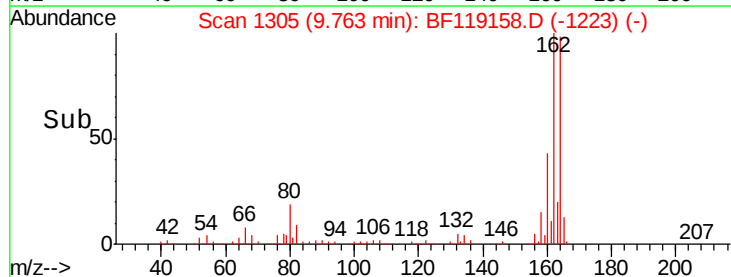
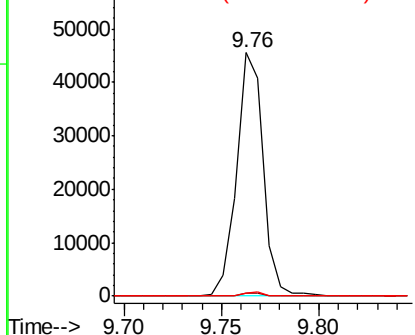
#51
 2,6-Dinitrotoluene
 Concen: 7.607 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.18 min
 Lab File: BF119158.D
 Acq: 29 Feb 2020 14:49

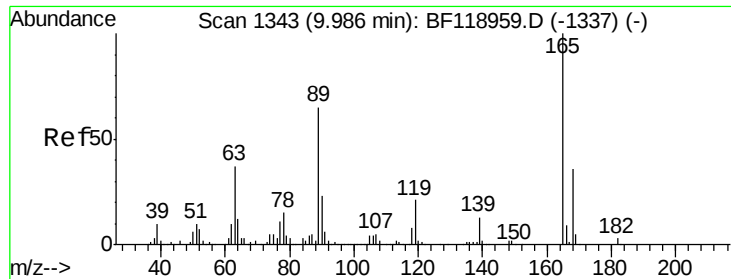
Tgt Ion:165 Resp: 42937

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.3	38.3	57.5#



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

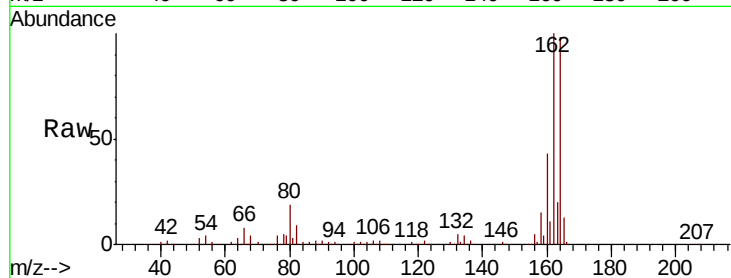




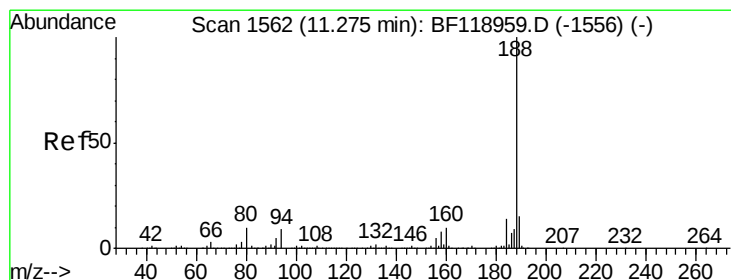
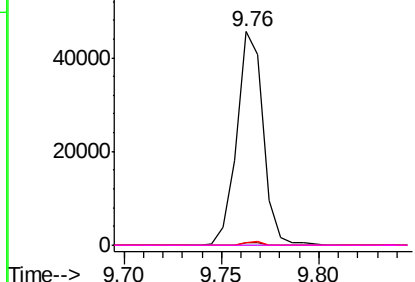
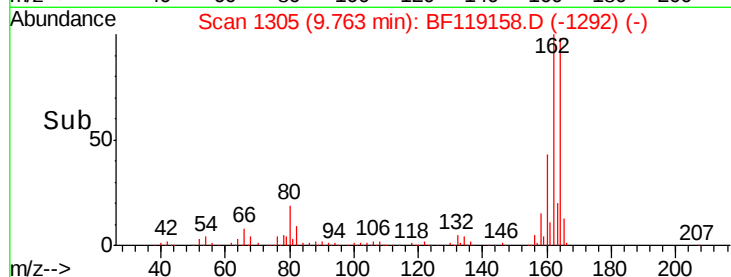
#57
 2,4-Dinitrotoluene
 Concen: 5.869 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.22 min
 Lab File: BF119158.D
 Acq: 29 Feb 2020 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 42937
 Ion Ratio Lower Upper
 165 100
 63 1.1 42.3 63.5#
 89 1.3 60.2 90.4#
 182 0.0 2.3 3.5#

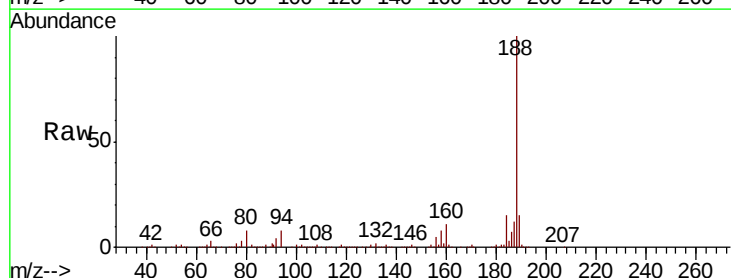


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

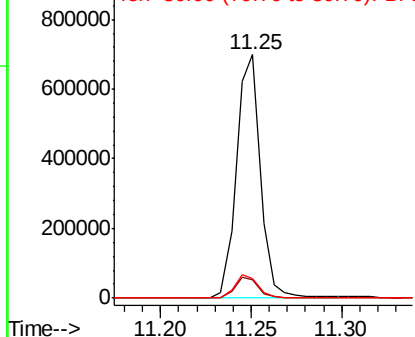
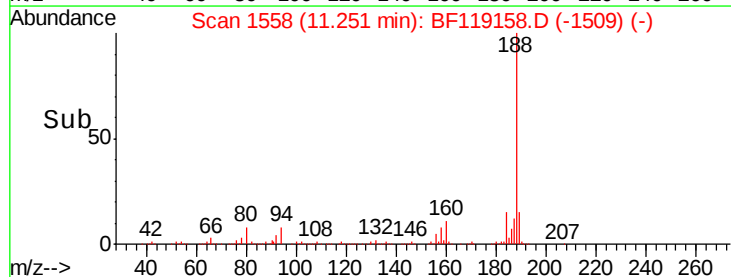


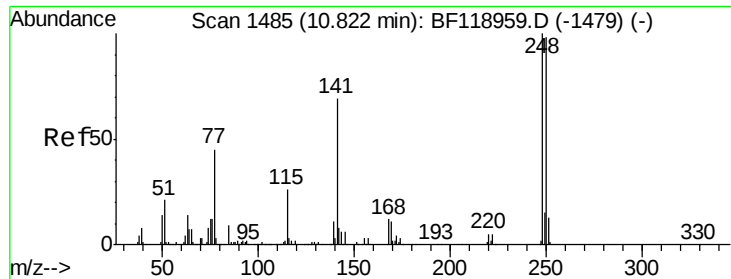
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF119158.D
 Acq: 29 Feb 2020 14:49

Tgt Ion:188 Resp: 644413
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.1 10.7
 80 8.2 7.8 11.8



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

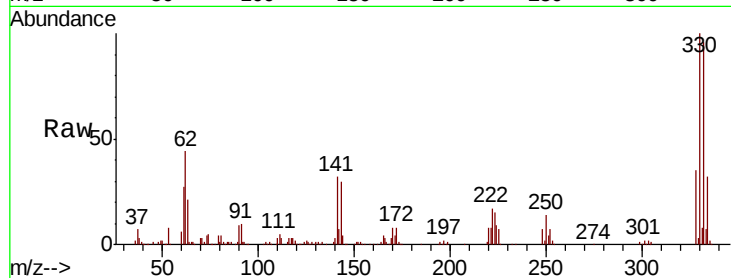




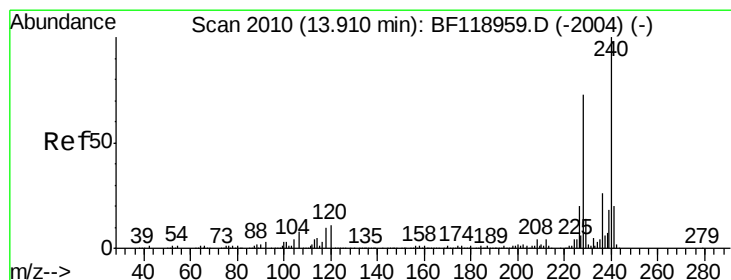
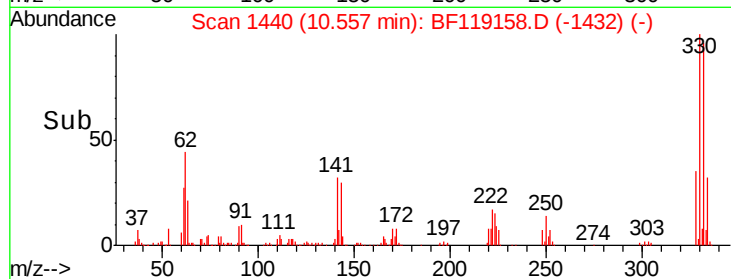
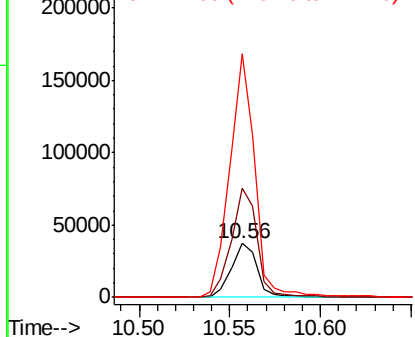
#67
4-Bromophenyl-phenylether
Concen: 4.430 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 37312
Ion Ratio Lower Upper
248 100
250 202.1 76.7 115.1#
141 450.6 60.7 91.1#

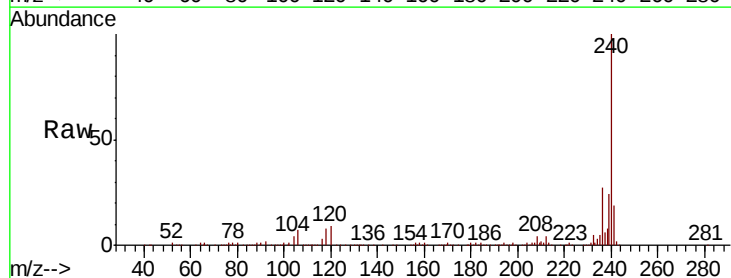


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

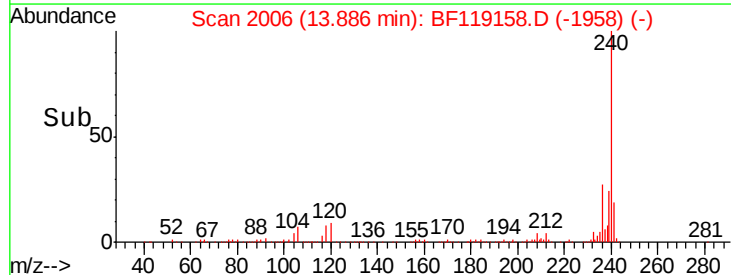
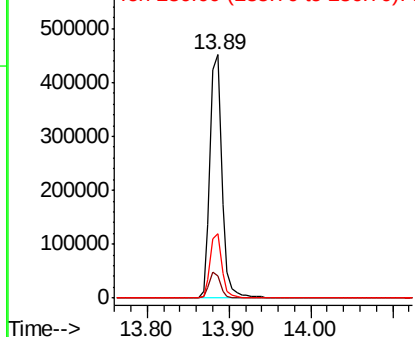


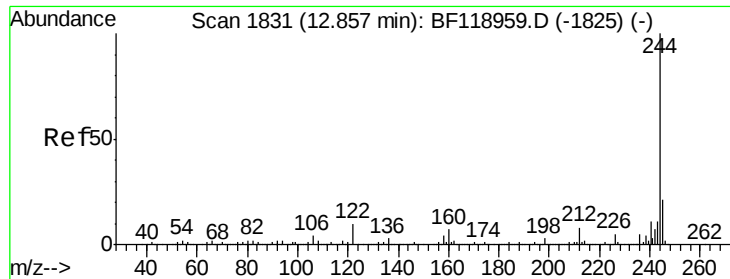
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

Tgt Ion:240 Resp: 459875
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 26.5 21.0 31.4



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: 93.706 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119158.D

Acq: 29 Feb 2020 14:49

Instrument :

BNA_F

ClientSampled :

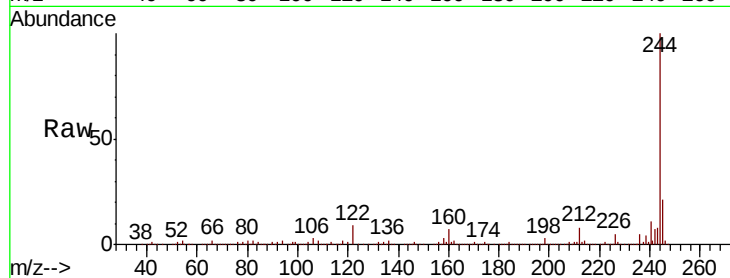
Tot Ion:244 Resp: 2502968

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

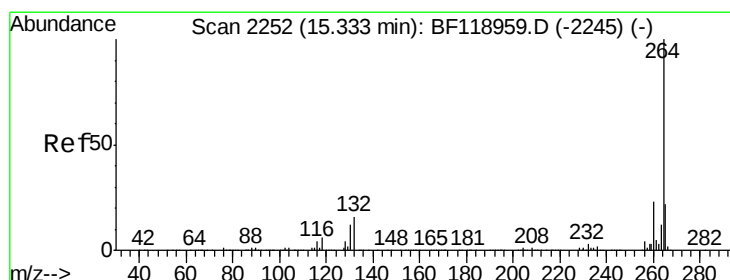
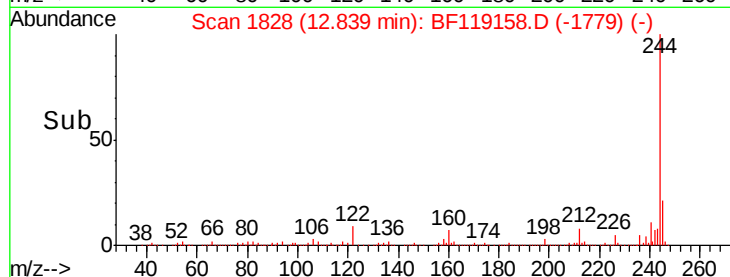
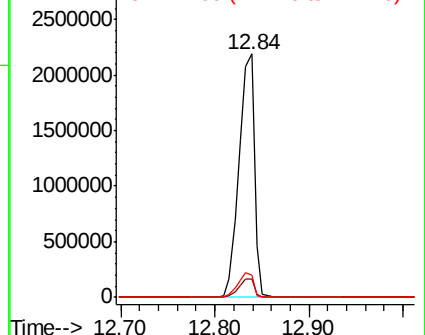
122 9.0 8.2 12.2



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: 15.31 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BF119158.D

Acq: 29 Feb 2020 14:49

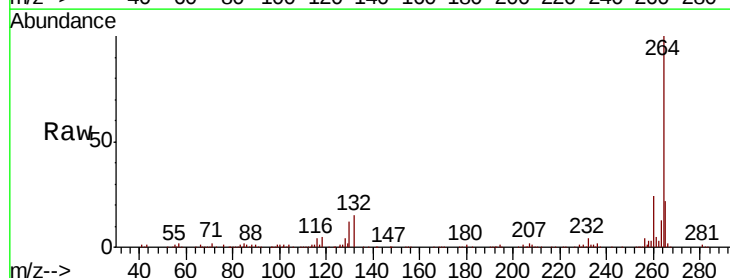
Tgt Ion:264 Resp: 368026

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.7 17.7 26.5



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

