

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119078.D
 Acq On : 25 Feb 2020 21:45
 Operator : CG/JU
 Sample : L1657-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 01:28:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

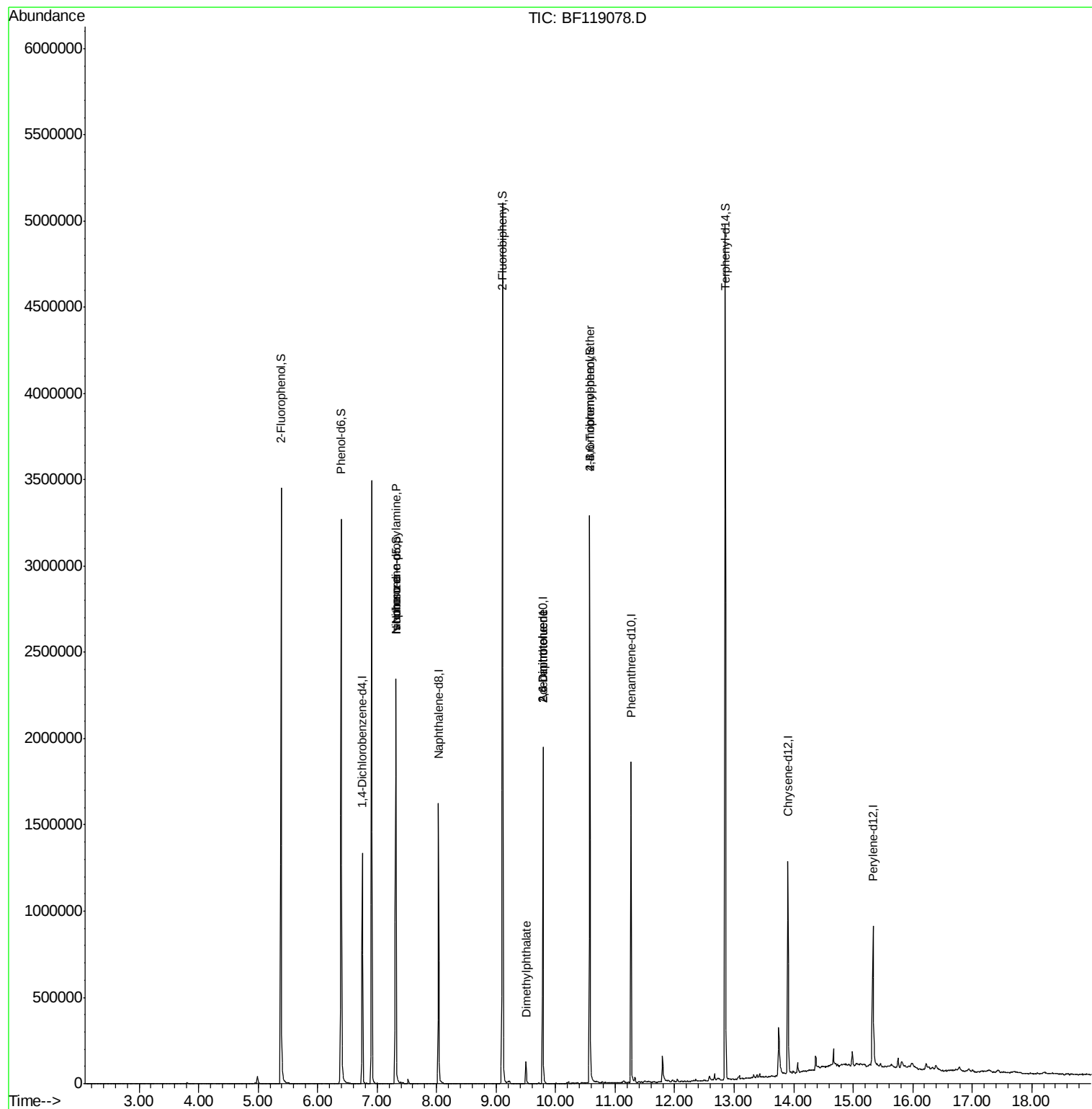
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	202321	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	771002	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	415239	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	708908	20.00	ng	0.00
76) Chrysene-d12	13.90	240	431163	20.00	ng	0.00
87) Perylene-d12	15.33	264	411273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1049871	86.72	ng	0.00
7) Phenol-d6	6.40	99	1281950	87.07	ng	0.00
23) Nitrobenzene-d5	7.32	82	853114	58.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	441943	81.36	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1721940	61.09	ng	-0.01
79) Terphenyl-d14	12.85	244	1760873	70.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	118277	13.786	ng	# 77
25) Isophorone	7.32	82	853104	33.640	ng	# 63
50) Dimethylphthalate	9.50	163	65455	2.061	ng	98
51) 2,6-Dinitrotoluene	9.79	165	52512	7.444	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	52512	5.743	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	29134	3.144	ng	# 1

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

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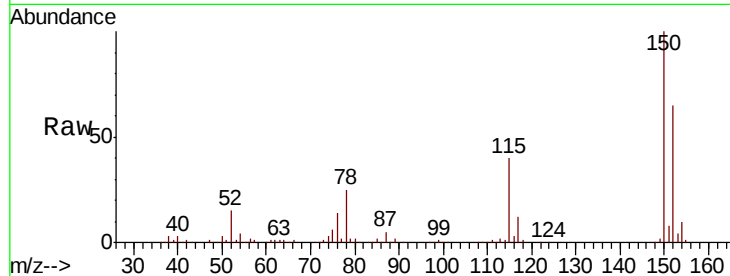


#1

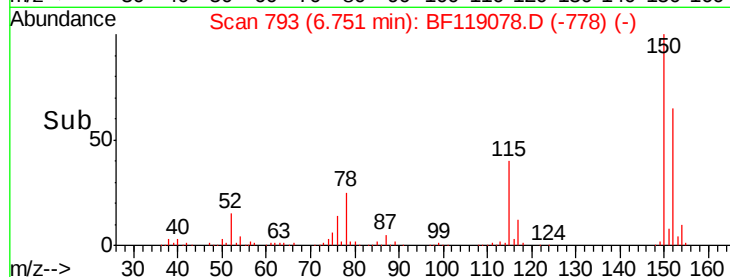
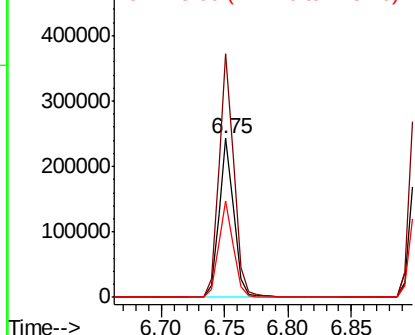
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119078.D
Acq: 25 Feb 2020 21:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 202321
Ion Ratio Lower Upper
152 100
150 153.5 124.3 186.5
115 61.0 44.6 67.0



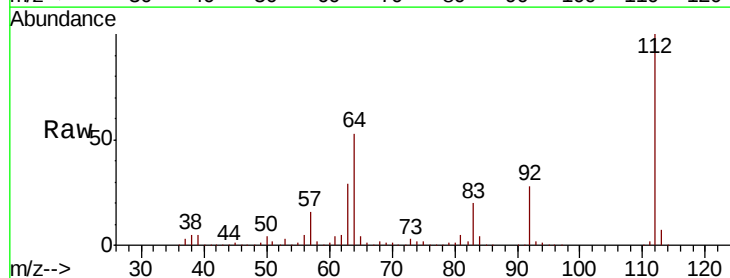
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



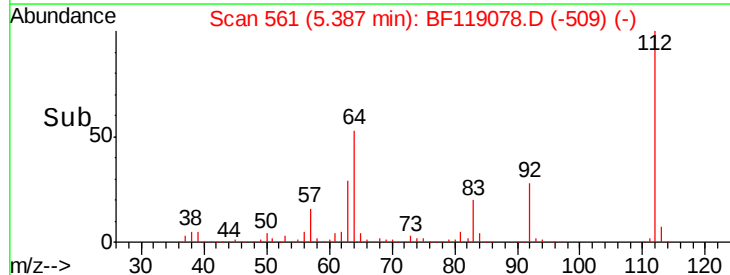
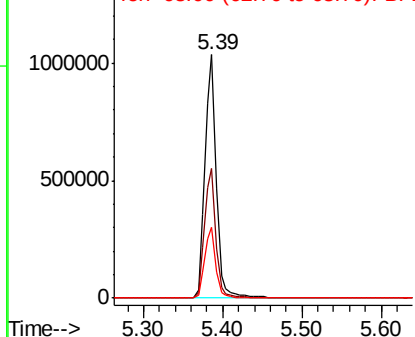
#5

2-Fluorophenol
Concen: 86.720 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119078.D
Acq: 25 Feb 2020 21:45

Tgt Ion:112 Resp: 1049871
Ion Ratio Lower Upper
112 100
64 53.3 40.4 60.6
63 29.0 21.3 31.9



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: 87.067 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

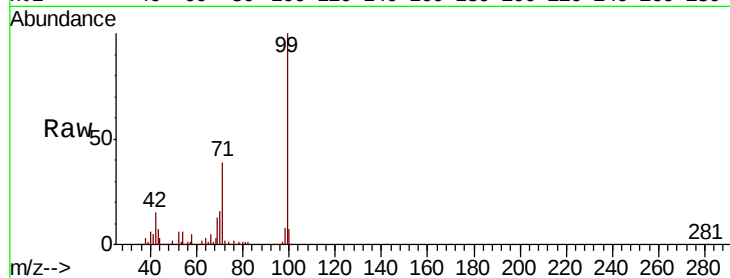
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1281950

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.4	17.0
71	39.1	29.8	44.6

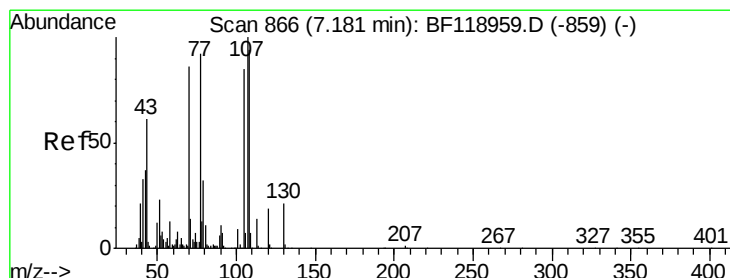
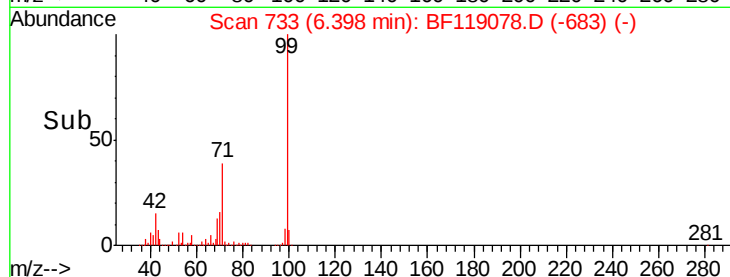
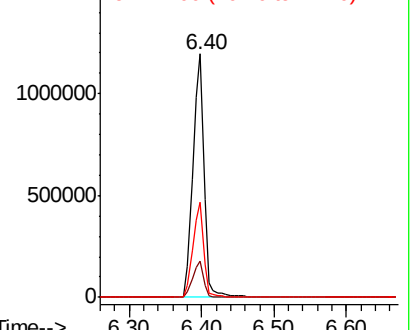


Abundance

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: 13.786 ng

RT: 7.32 min Scan# 889

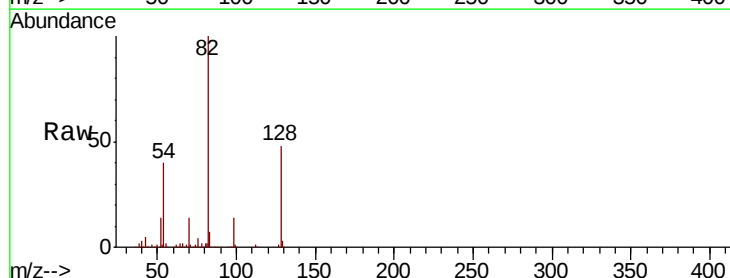
Delta R.T. 0.14 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

Tgt Ion: 70 Resp: 118277

Ion	Ratio	Lower	Upper
70	100		
42	36.7	34.6	51.8
101	0.0	8.1	12.1#
130	1.9	19.4	29.2#



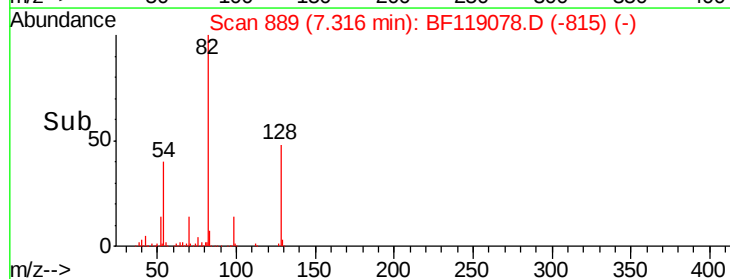
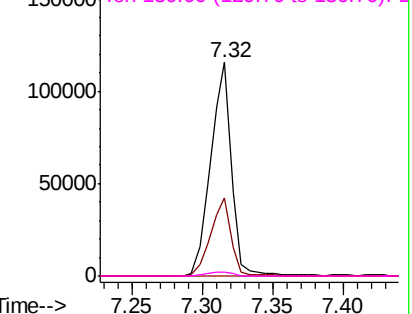
Abundance

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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 771002

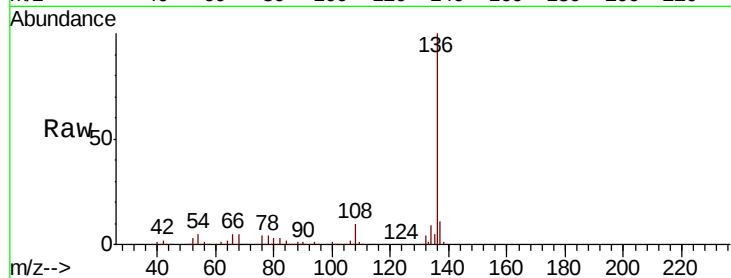
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.0 3.8 5.6

68 5.2 4.2 6.2

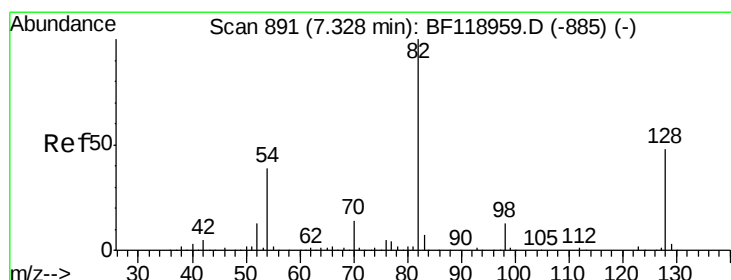
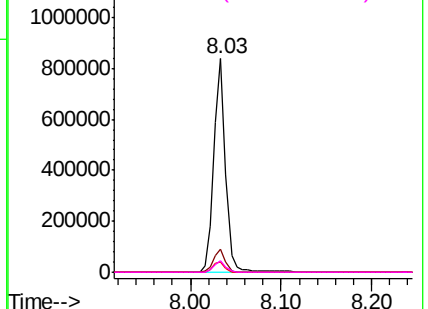
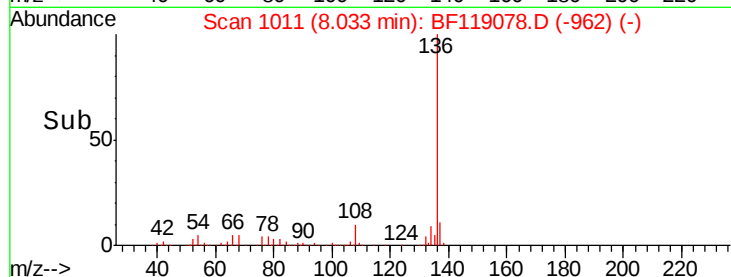


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.423 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

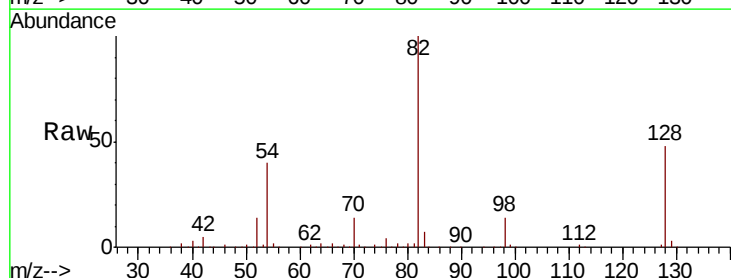
Tgt Ion: 82 Resp: 853114

Ion Ratio Lower Upper

82 100

128 47.8 38.2 57.2

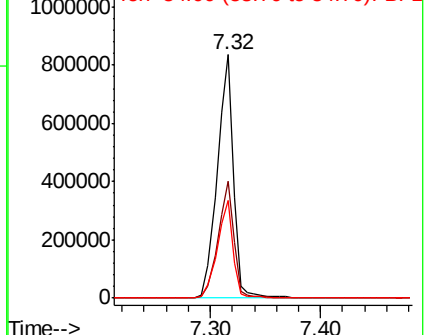
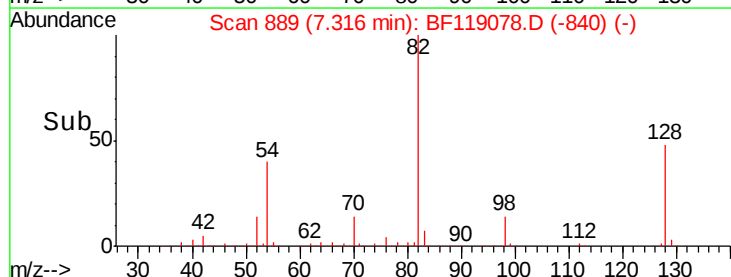
54 40.3 31.3 46.9



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

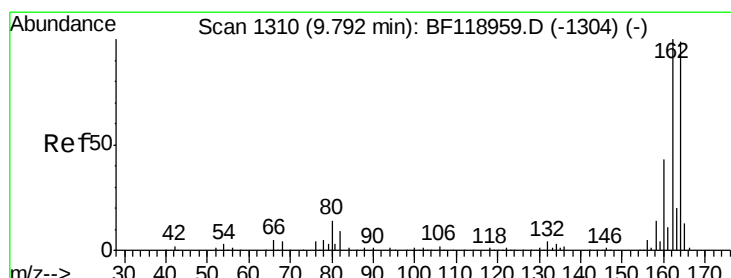
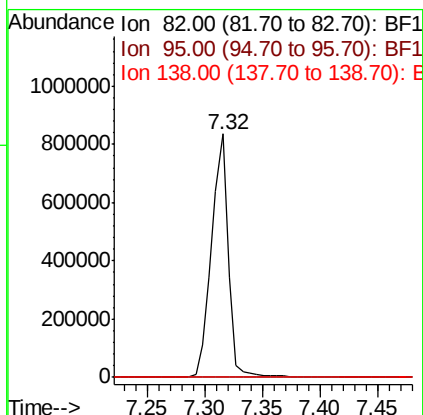
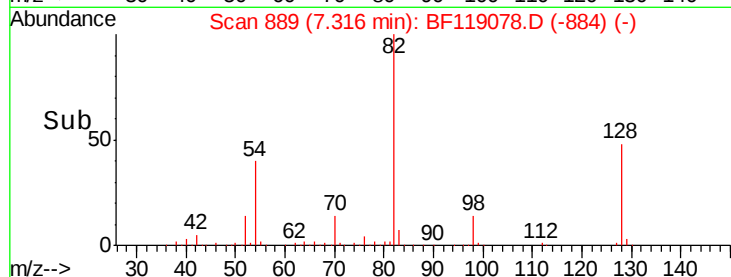
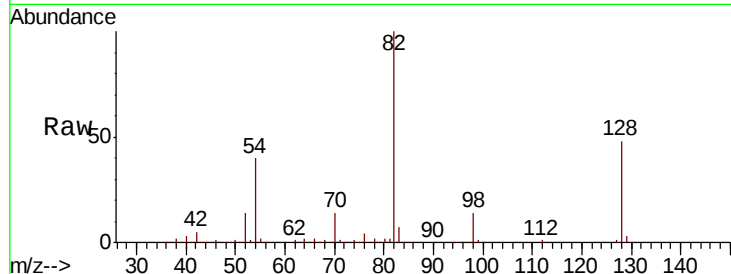




#25
Isophorone
Concen: 33.640 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119078.D
Acq: 25 Feb 2020 21:45

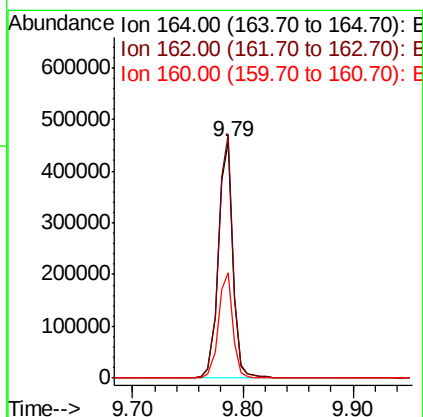
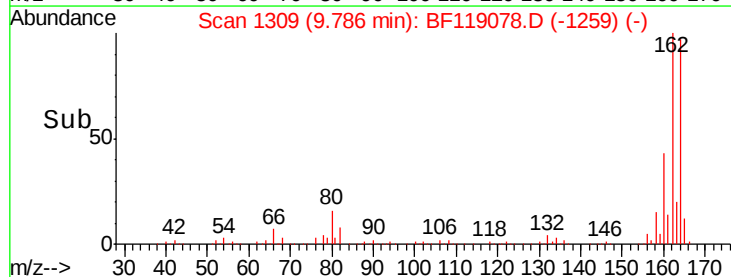
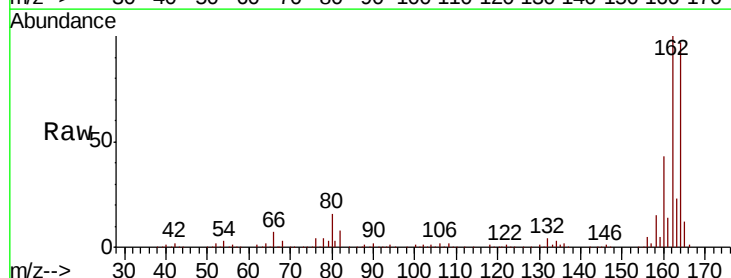
Instrument :
BNA_F
ClientSampled :

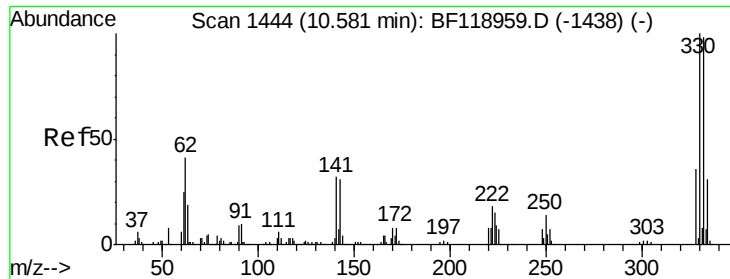
Tot Ion: 82 Resp: 853104
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119078.D
Acq: 25 Feb 2020 21:45

Tgt Ion: 164 Resp: 415239
Ion Ratio Lower Upper
164 100
162 103.0 81.2 121.8
160 44.7 35.2 52.8

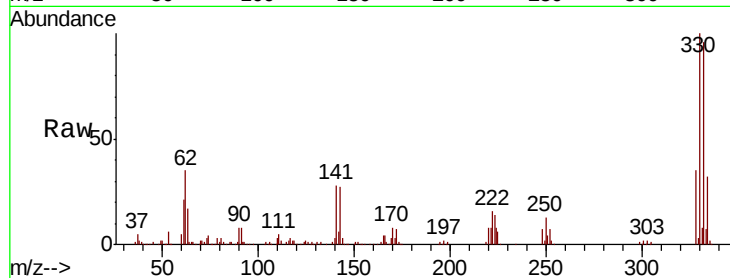




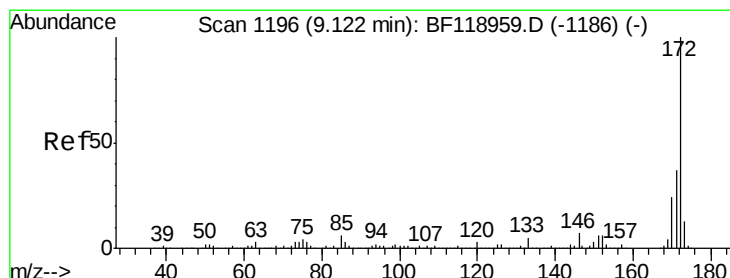
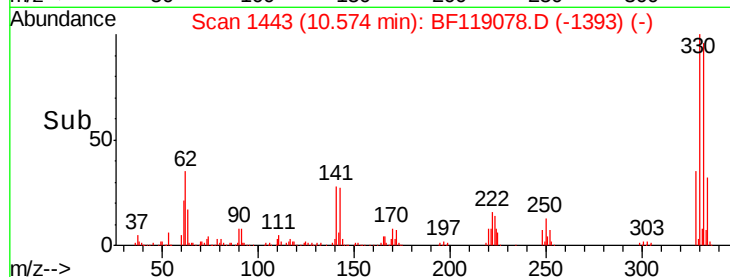
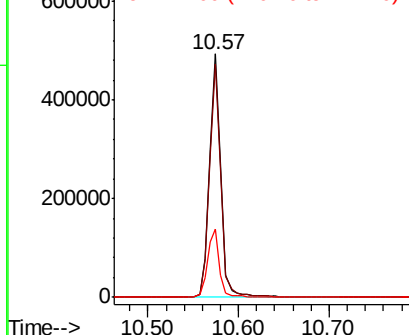
#42
 2,4,6-Tribromophenol
 Concen: 81.359 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119078.D
 Acq: 25 Feb 2020 21:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 441943
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 29.5 23.0 34.6

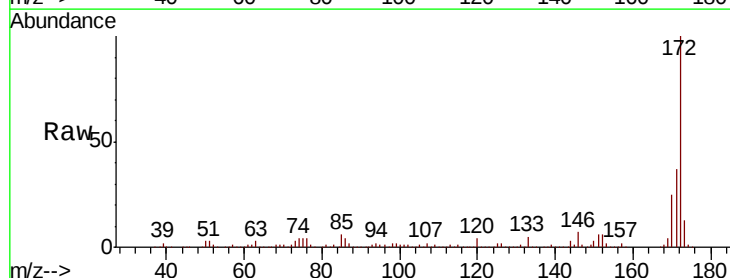


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

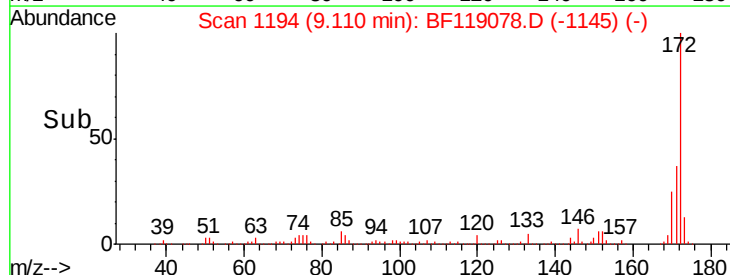
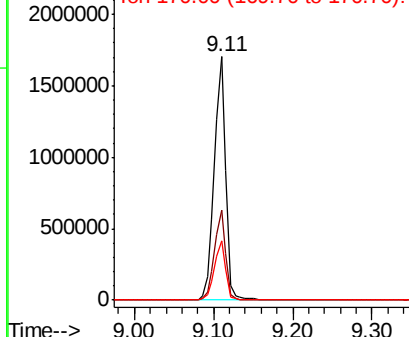


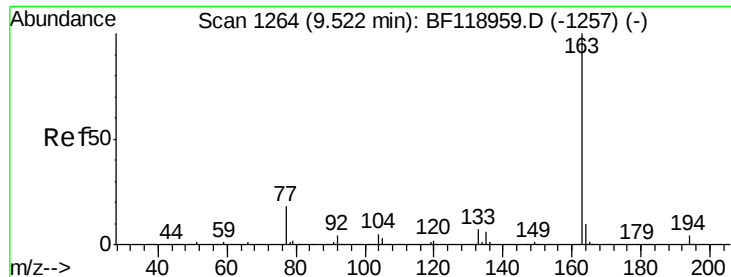
#45
 2-Fluorobiphenyl
 Concen: 61.090 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119078.D
 Acq: 25 Feb 2020 21:45

Tgt Ion:172 Resp: 1721940
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.2
 170 24.6 19.6 29.4



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





#50

Dimethylphthalate

Concen: 2.061 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

Instrument :

BNA_F

ClientSampleId :

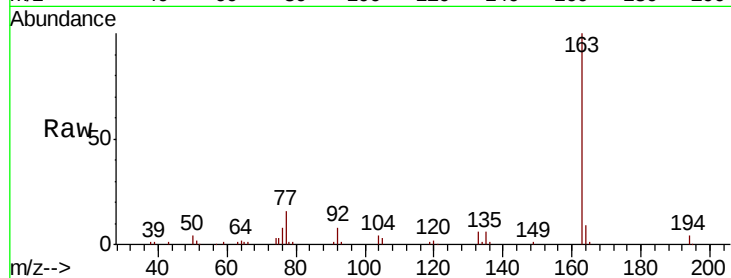
Tot Ion:163 Resp: 65455

Ion Ratio Lower Upper

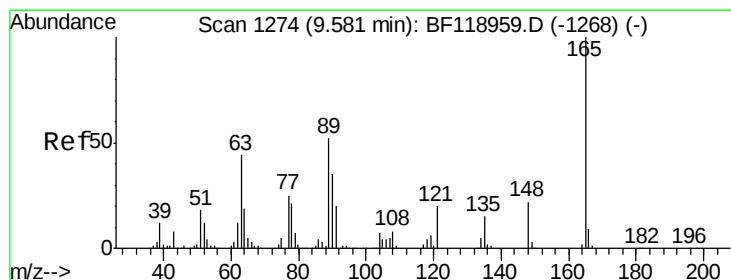
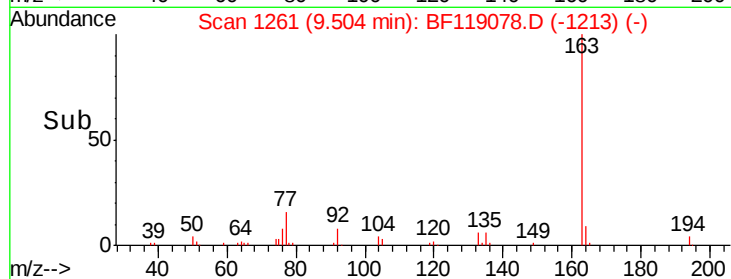
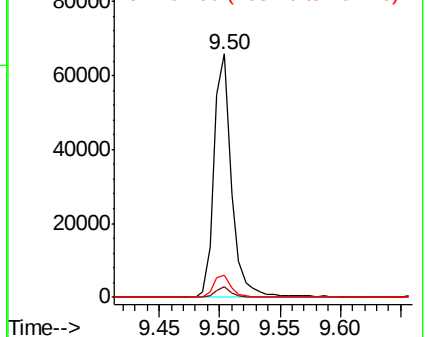
163 100

194 4.4 3.4 5.2

164 9.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.444 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

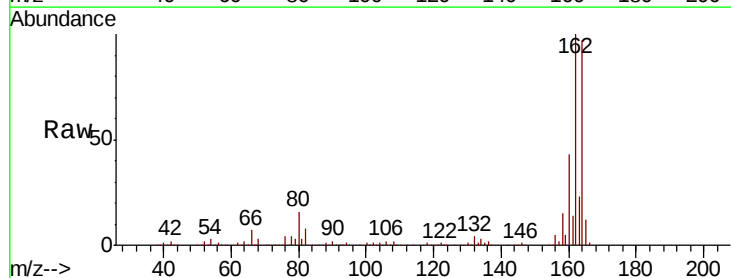
Tgt Ion:165 Resp: 52512

Ion Ratio Lower Upper

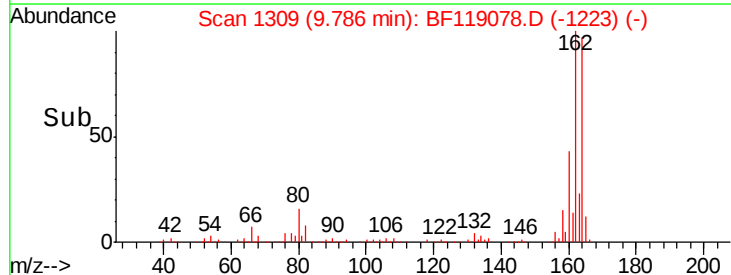
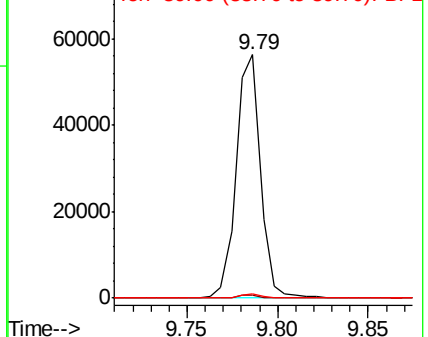
165 100

63 1.1 37.9 56.9#

89 1.6 41.4 62.0#



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

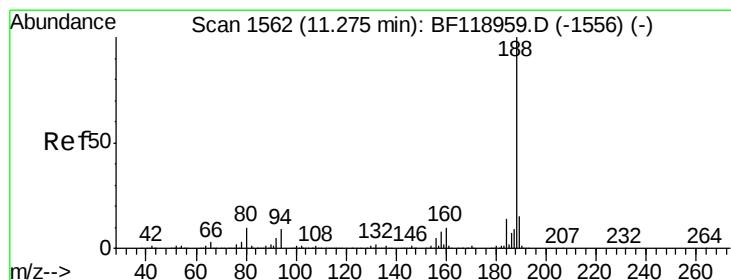
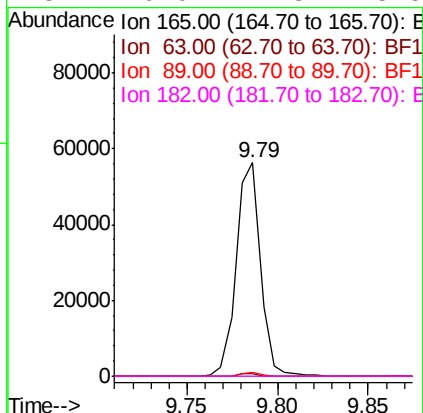
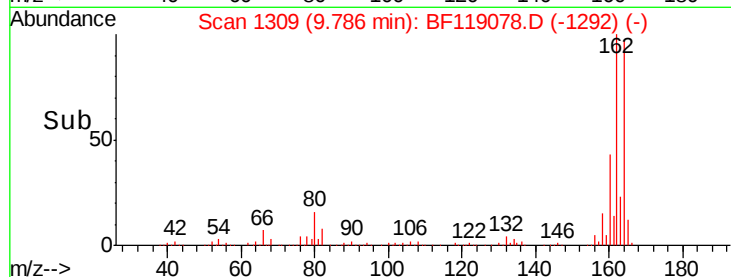
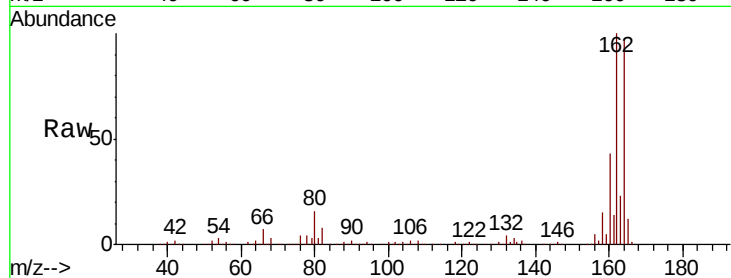




#57
 2,4-Dinitrotoluene
 Concen: 5.743 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119078.D
 Acq: 25 Feb 2020 21:45

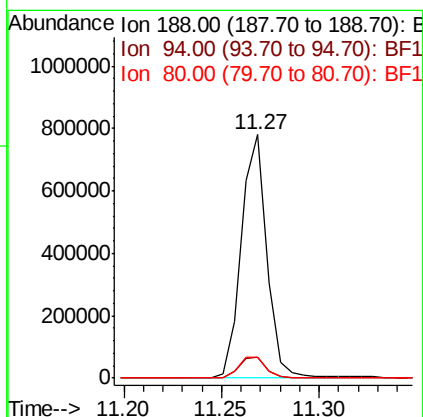
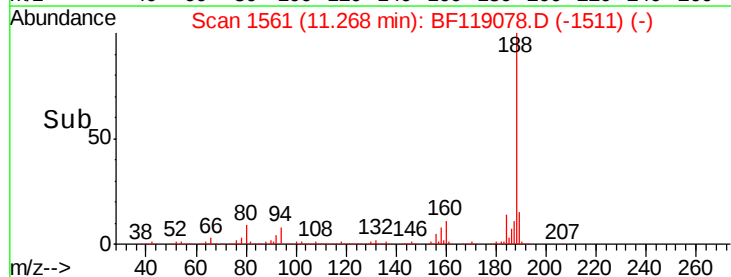
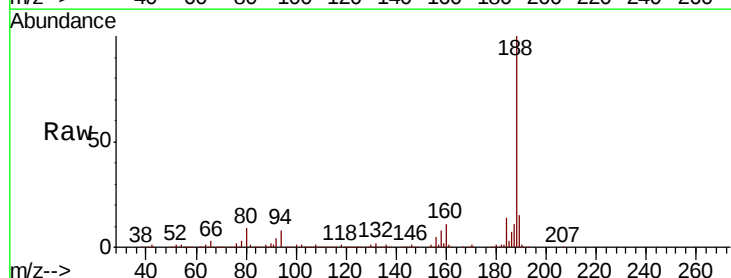
Instrument :
 BNA_F
 ClientSampleId :

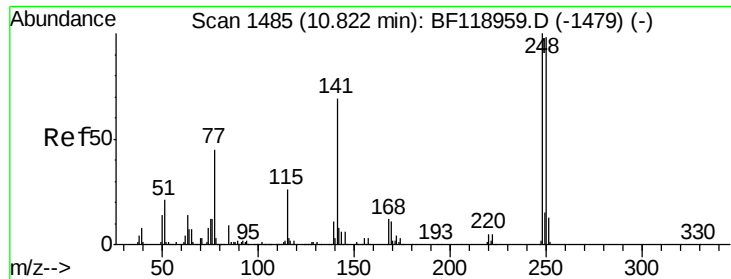
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.6	51.9	77.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119078.D
 Acq: 25 Feb 2020 21:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	8.7	7.9	11.9

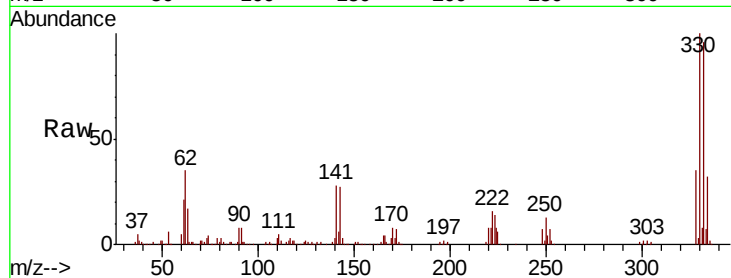




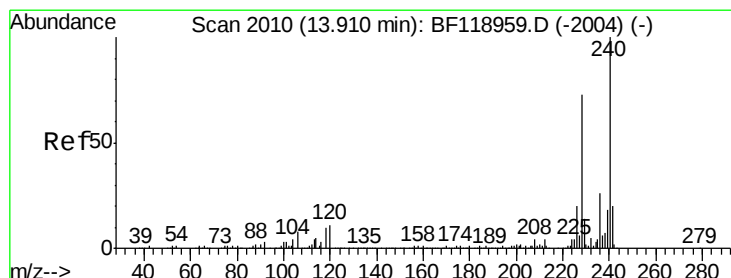
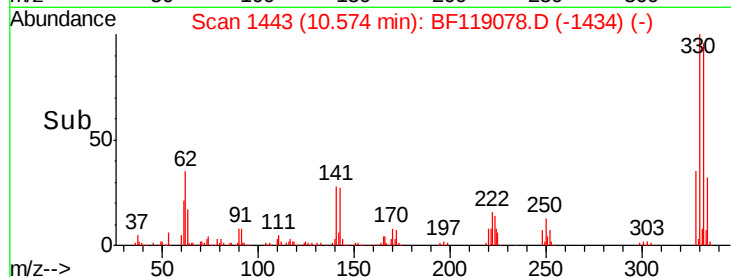
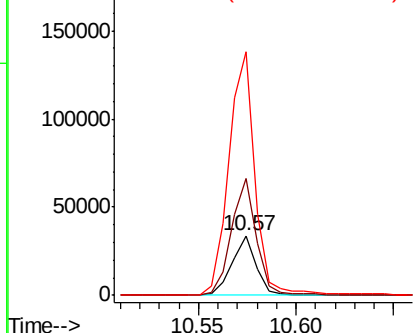
#67
4-Bromophenyl-phenylether
Concen: 3.144 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119078.D
Acq: 25 Feb 2020 21:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 29134
Ion Ratio Lower Upper
248 100
250 196.1 78.8 118.2#
141 410.4 55.3 82.9#

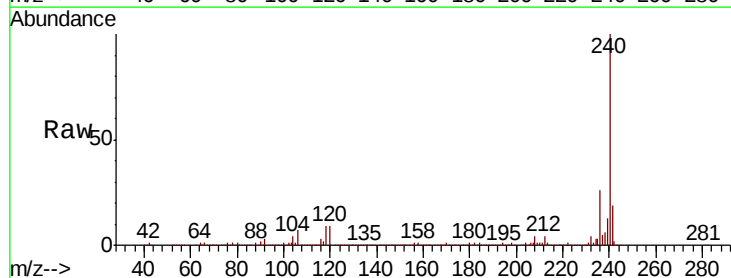


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

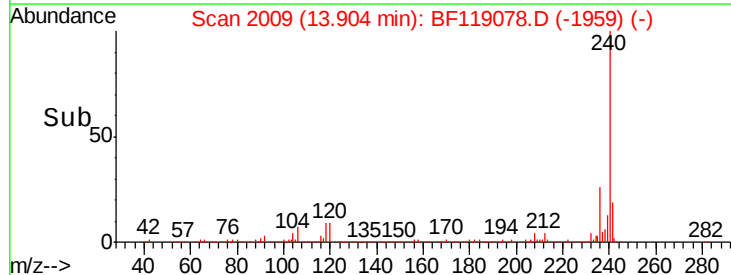
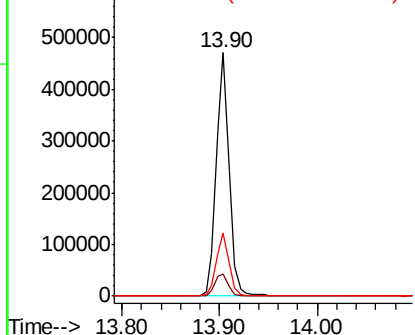


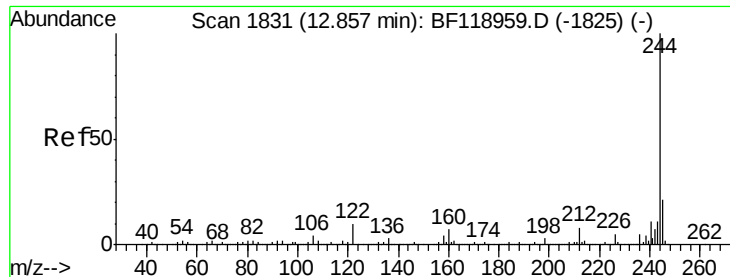
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119078.D
Acq: 25 Feb 2020 21:45

Tgt Ion:240 Resp: 431163
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 25.9 20.6 30.8



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: 70.313 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

Instrument :

BNA_F

ClientSampleId :

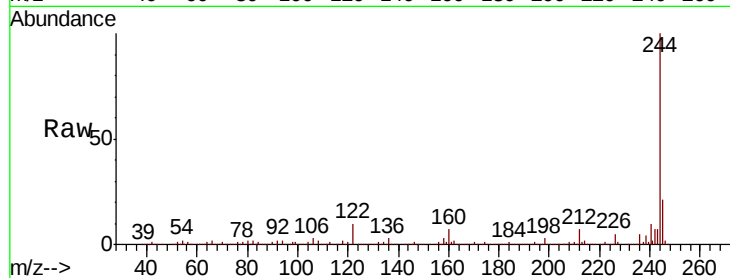
Tot Ion:244 Resp: 1760873

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

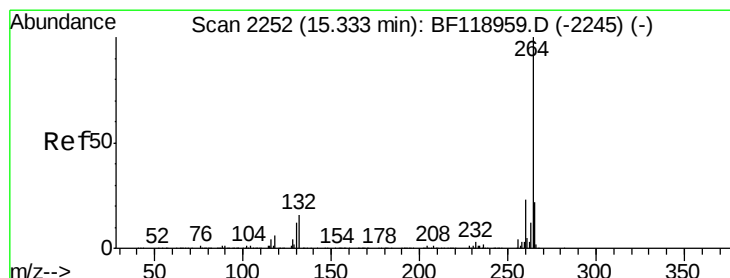
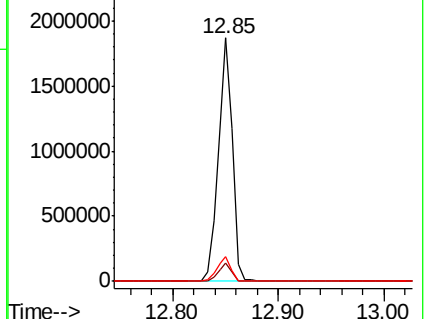
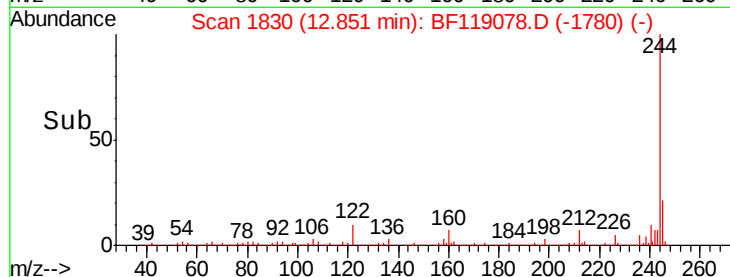
122 10.1 8.4 12.6



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: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF119078.D

Acq: 25 Feb 2020 21:45

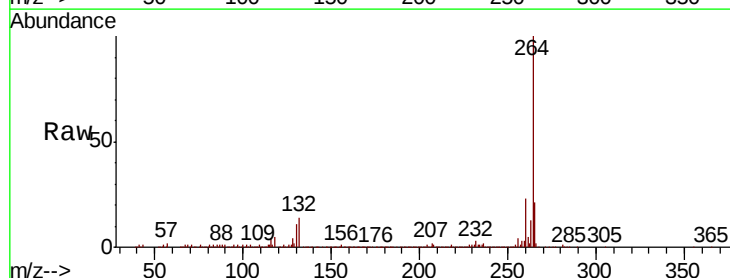
Tgt Ion:264 Resp: 411273

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.2 17.3 25.9



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

