

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF119003.D
 Acq On : 21 Feb 2020 20:18
 Operator : CG/JU
 Sample : L1631-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 24 02:22:09 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

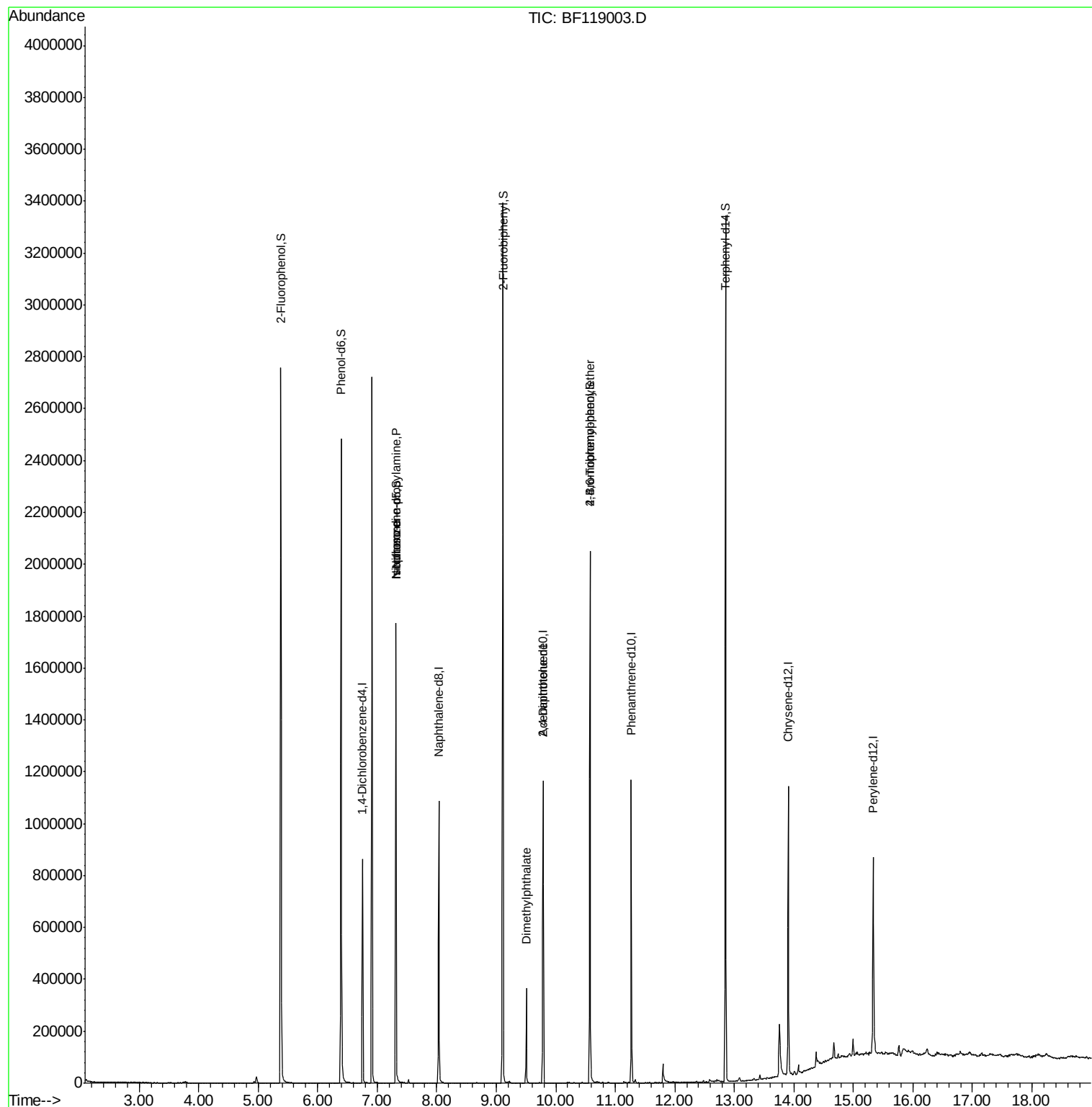
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	145472	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	501876	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	234653	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	414778	20.00	ng	0.00
76) Chrysene-d12	13.90	240	370851	20.00	ng	0.00
87) Perylene-d12	15.33	264	336552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	819372	94.13	ng	0.00
7) Phenol-d6	6.40	99	963575	91.02	ng	0.00
23) Nitrobenzene-d5	7.32	82	606139	63.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	261241	85.10	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1046759	65.72	ng	-0.01
79) Terphenyl-d14	12.85	244	1234452	57.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	81718	13.247	ng	# 75
25) Isophorone	7.32	82	606134	36.718	ng	# 63
50) Dimethylphthalate	9.50	163	147429	8.216	ng	99
57) 2,4-Dinitrotoluene	9.79	165	29478	5.705	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	16625	3.066	ng	# 1

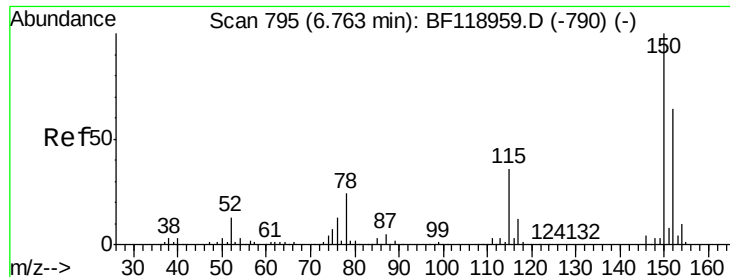
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119003.D
Acq On : 21 Feb 2020 20:18
Operator : CG/JU
Sample : L1631-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 24 02:22:09 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



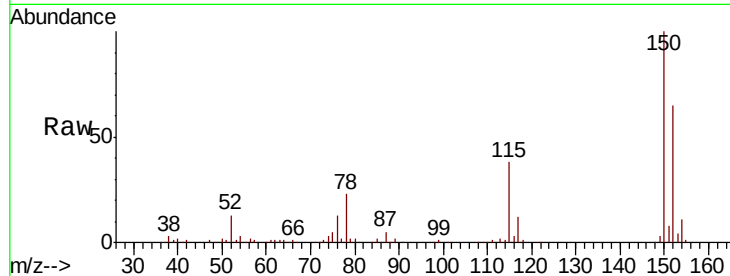


#1

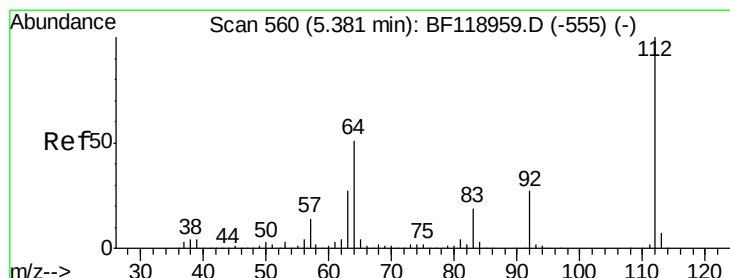
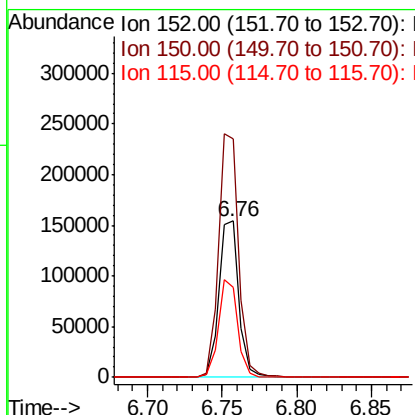
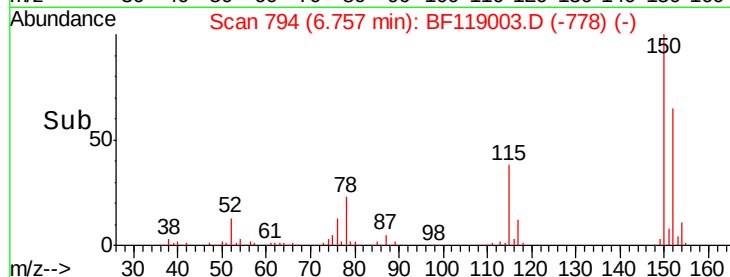
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF119003.D
 Acq: 21 Feb 2020 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 145472
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.3 186.5
 115 58.1 44.6 67.0



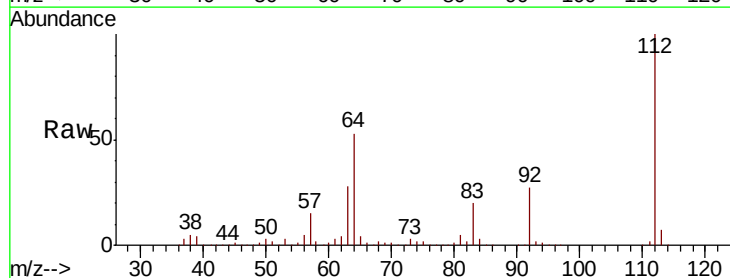
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



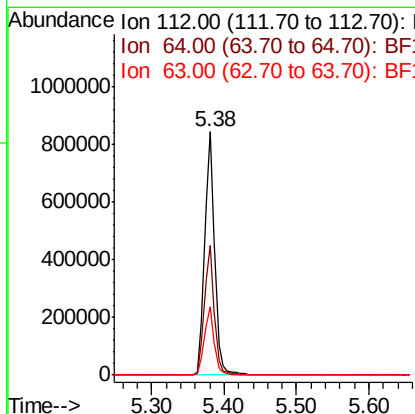
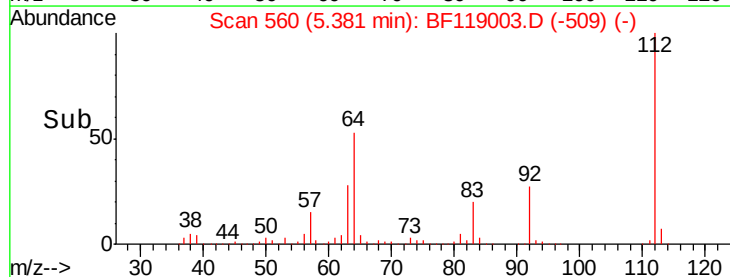
#5

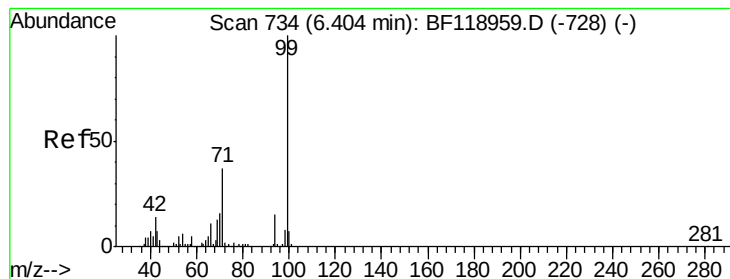
2-Fluorophenol
 Concen: 94.129 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF119003.D
 Acq: 21 Feb 2020 20:18

Tgt Ion:112 Resp: 819372
 Ion Ratio Lower Upper
 112 100
 64 53.3 40.4 60.6
 63 27.8 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: 91.018 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119003.D

Acq: 21 Feb 2020 20:18

Instrument :

BNA_F

ClientSampleId :

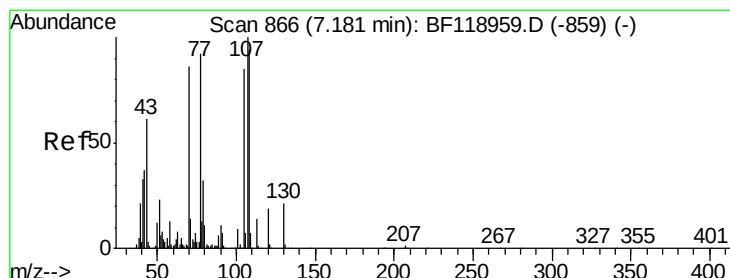
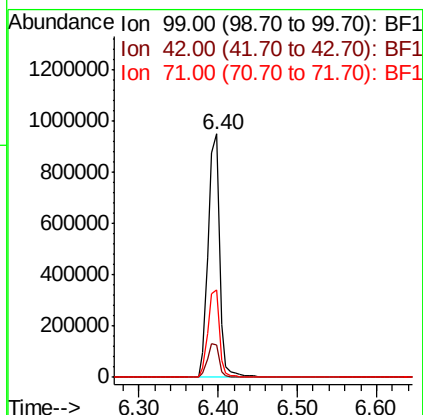
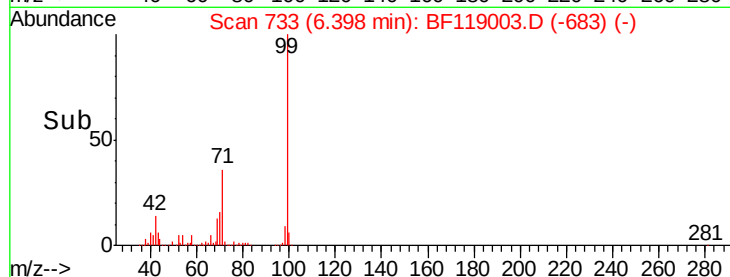
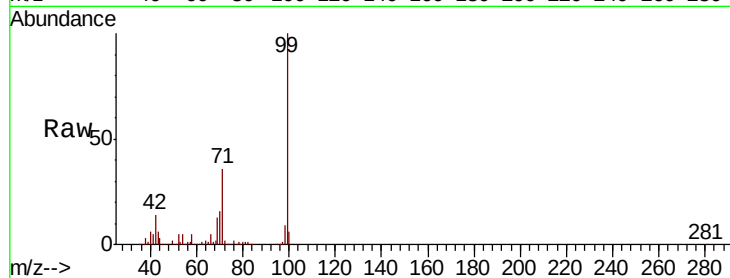
Tot Ion: 99 Resp: 963575

Ion Ratio Lower Upper

99 100

42 13.5 11.4 17.0

71 35.8 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.247 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119003.D

Acq: 21 Feb 2020 20:18

Tgt Ion: 70 Resp: 81718

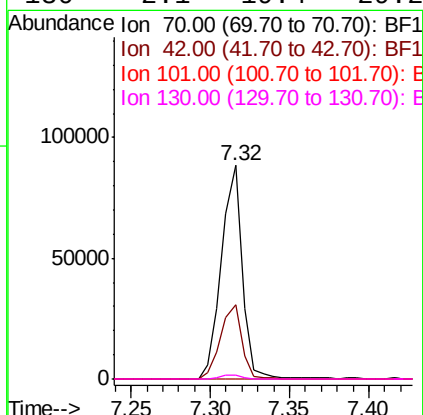
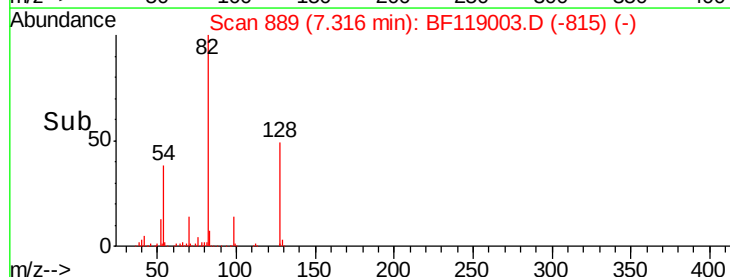
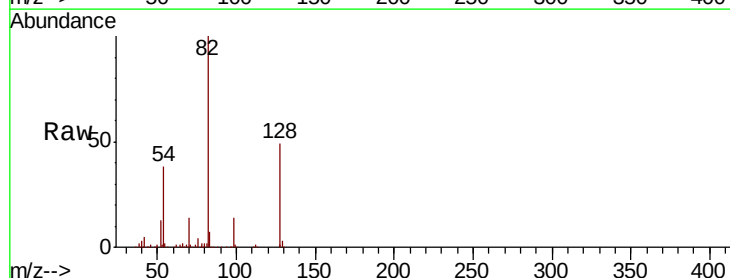
Ion Ratio Lower Upper

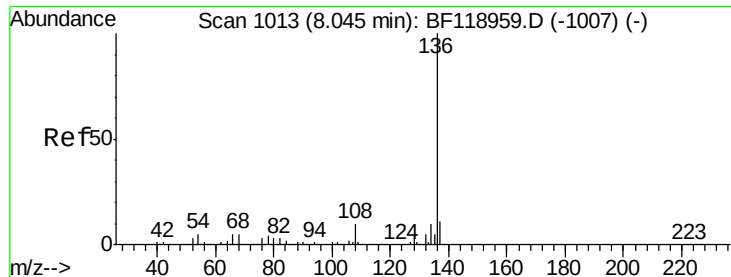
70 100

42 34.7 34.6 51.8

101 0.0 8.1 12.1#

130 2.1 19.4 29.2#

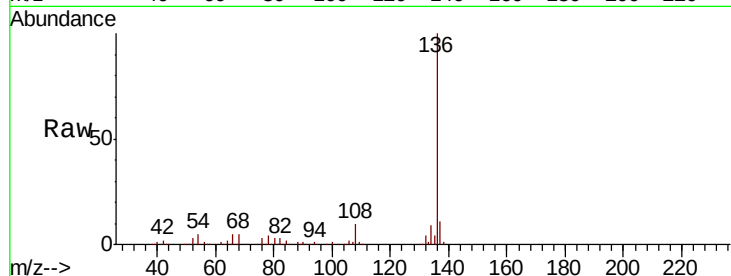




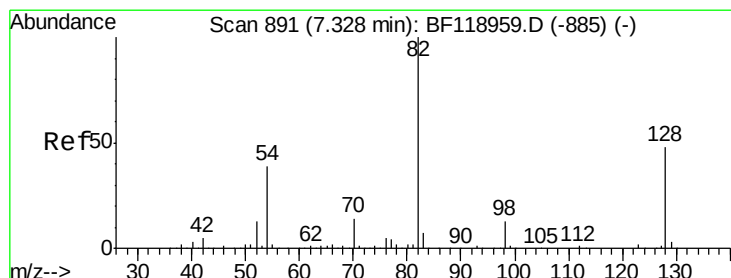
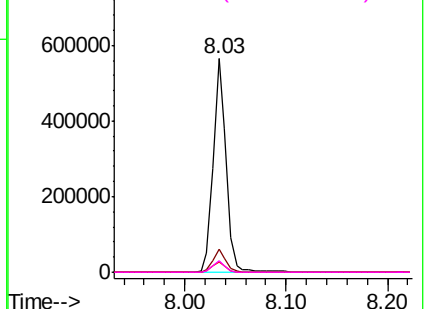
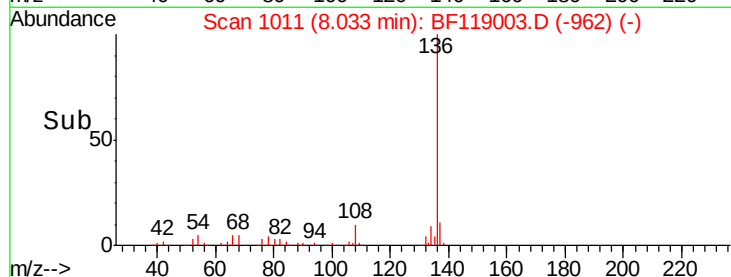
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119003.D
Acq: 21 Feb 2020 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	501876
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	4.9	3.8 5.6
68	5.5	4.2 6.2

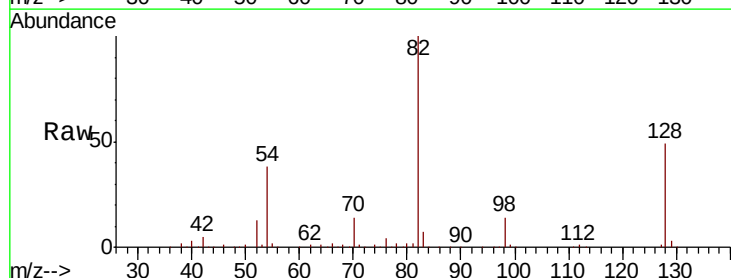


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

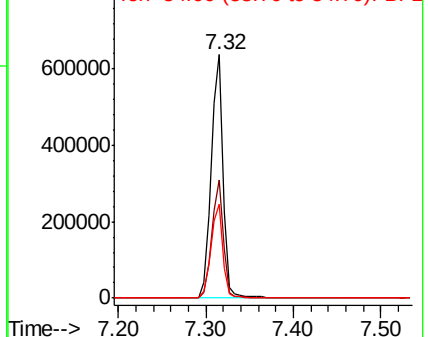
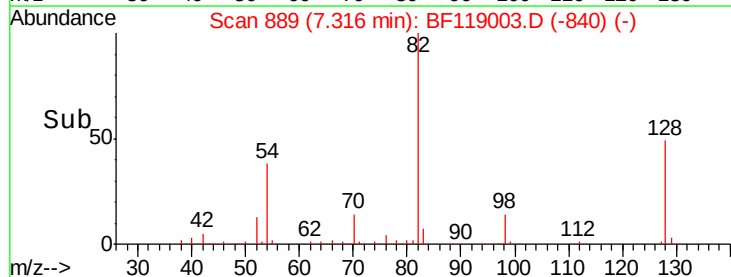


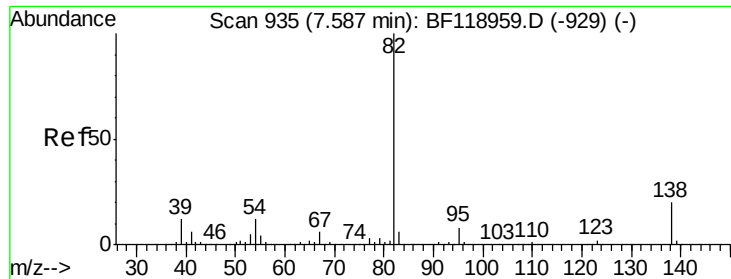
#23
Nitrobenzene-d5
Concen: 63.769 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119003.D
Acq: 21 Feb 2020 20:18

Tgt Ion: 82	Resp:	606139
Ion Ratio	Lower	Upper
82	100	
128	48.8	38.2 57.2
54	38.4	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: 36.718 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119003.D

Acq: 21 Feb 2020 20:18

Instrument :

BNA_F

ClientSampleId :

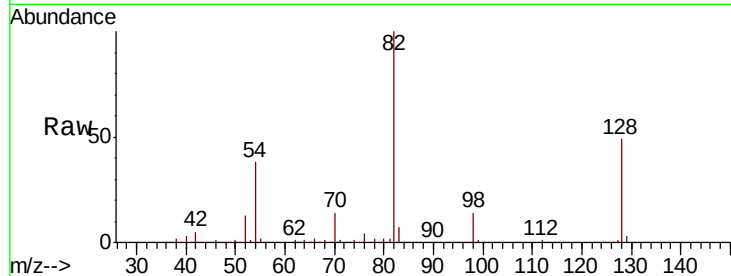
Tot Ion: 82 Resp: 606134

Ion Ratio Lower Upper

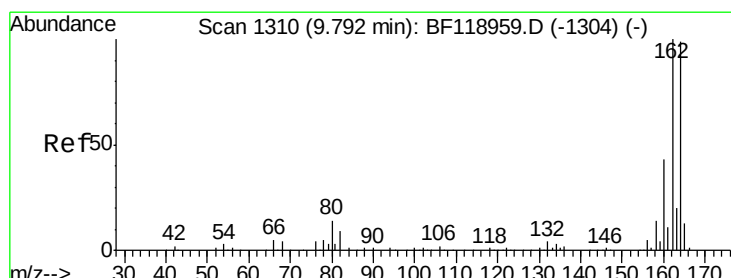
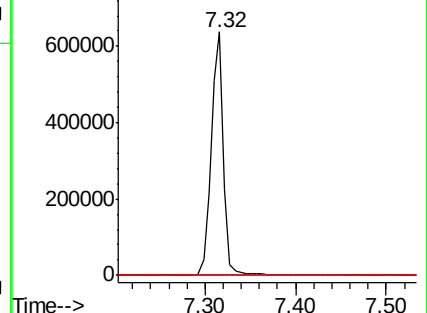
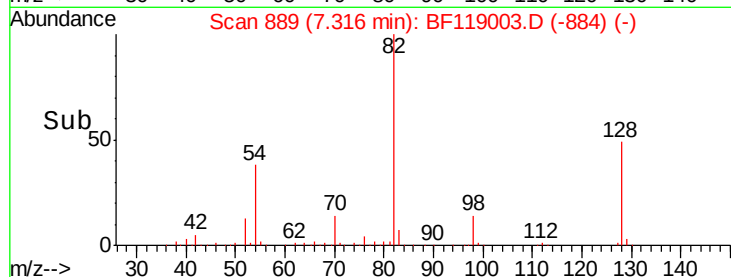
82 100

95 0.0 6.1 9.1#

138 0.0 15.8 23.6#



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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119003.D

Acq: 21 Feb 2020 20:18

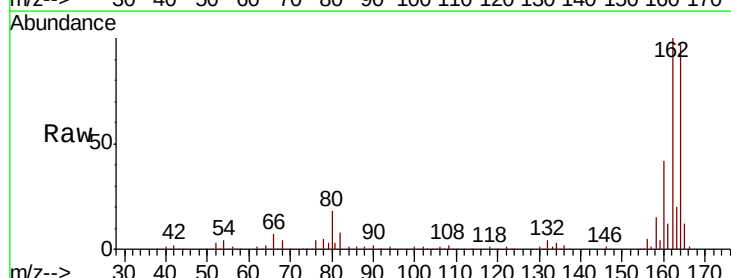
Tgt Ion: 164 Resp: 234653

Ion Ratio Lower Upper

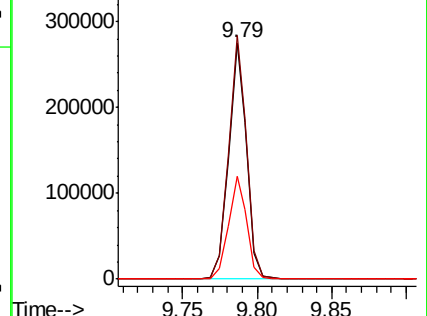
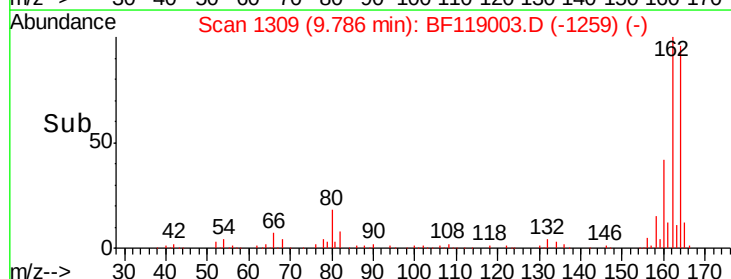
164 100

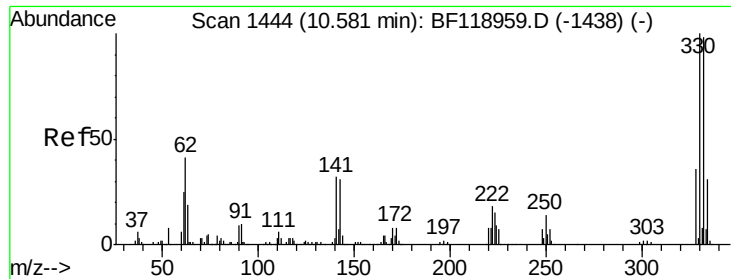
162 103.0 81.2 121.8

160 43.2 35.2 52.8



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: 85.104 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119003.D

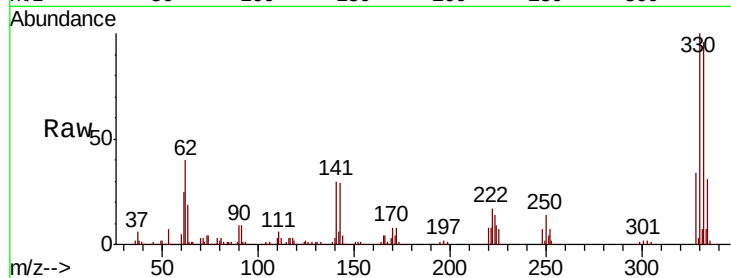
Acq: 21 Feb 2020 20:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	261241
Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	28.7	23.0	34.6

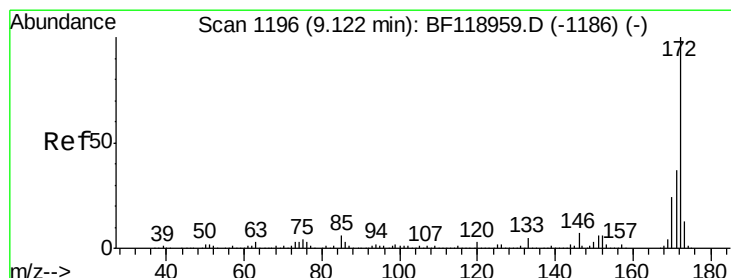
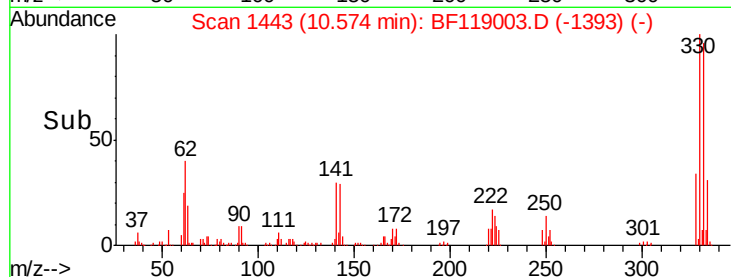
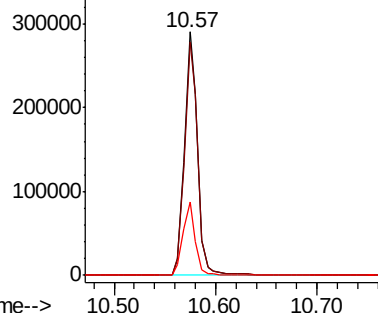


Abundance

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: 65.716 ng

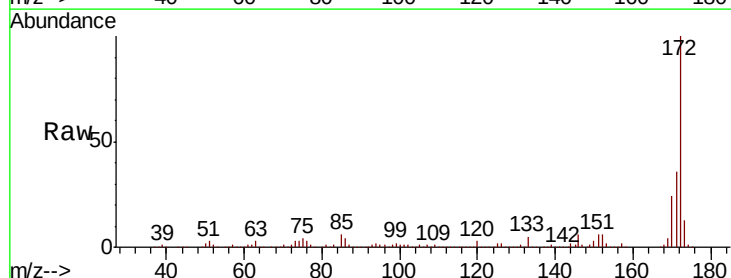
RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119003.D

Acq: 21 Feb 2020 20:18

Tgt Ion:	172	Resp:	1046759
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	23.7	19.6	29.4

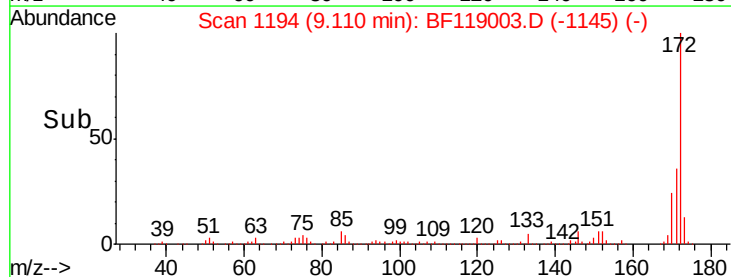
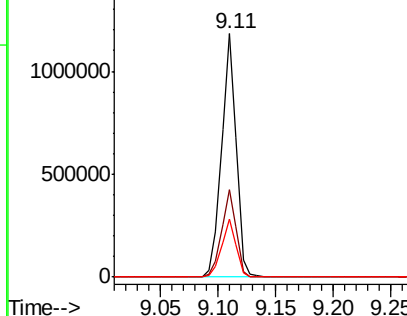


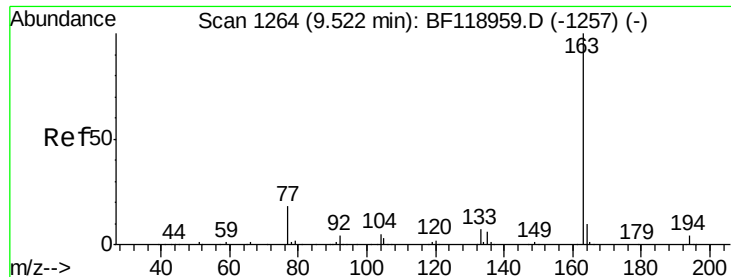
Abundance

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

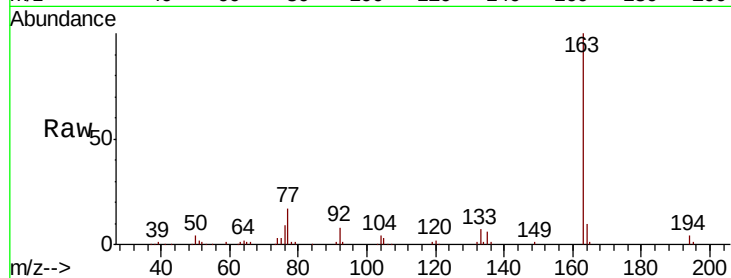




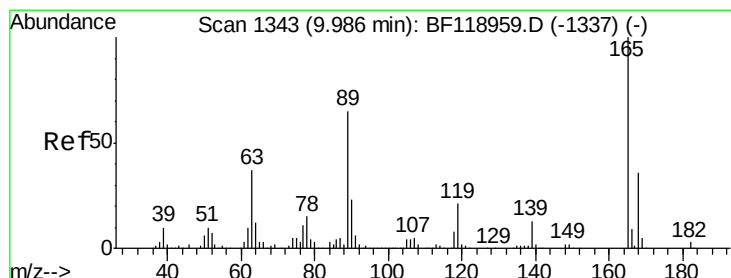
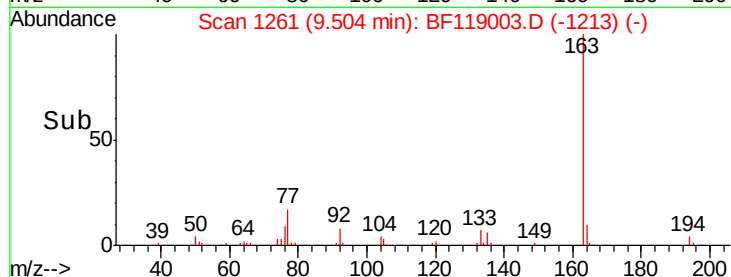
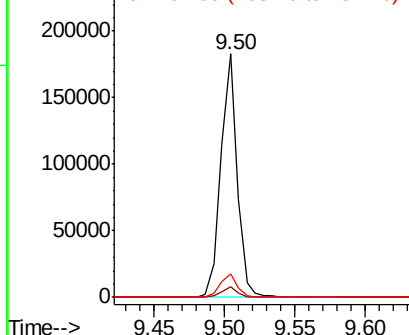
#50
Dimethylphthalate
Concen: 8.216 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119003.D
Acq: 21 Feb 2020 20:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 147429
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.8 8.2 12.2

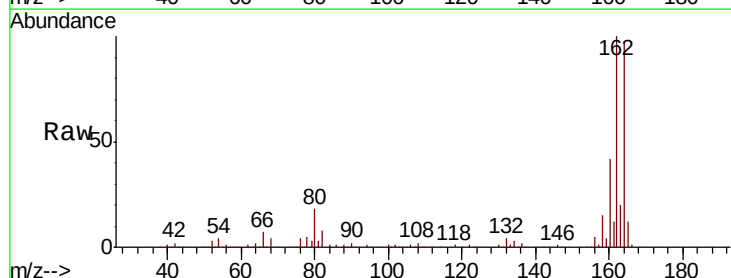


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

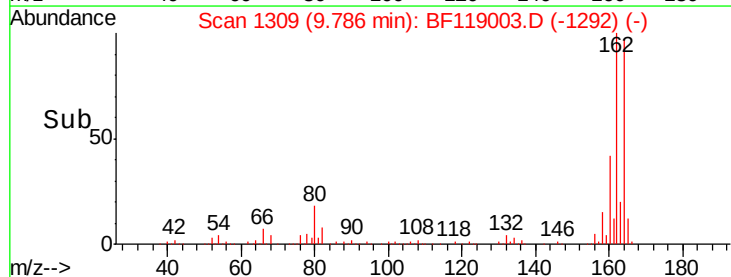
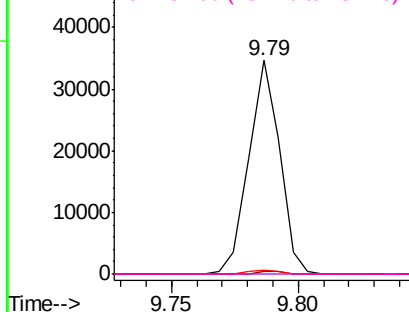


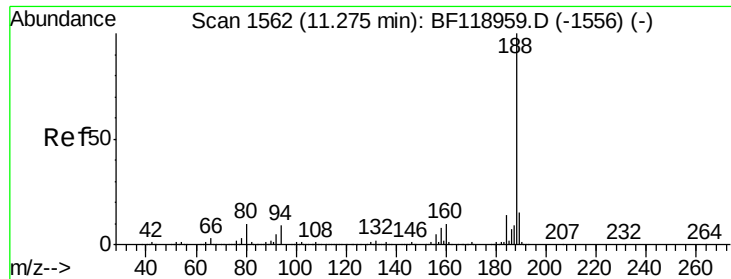
#57
2,4-Dinitrotoluene
Concen: 5.705 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF119003.D
Acq: 21 Feb 2020 20:18

Tgt Ion:165 Resp: 29478
Ion Ratio Lower Upper
165 100
63 1.2 29.8 44.8#
89 1.5 51.9 77.9#
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: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119003.D

Acq: 21 Feb 2020 20:18

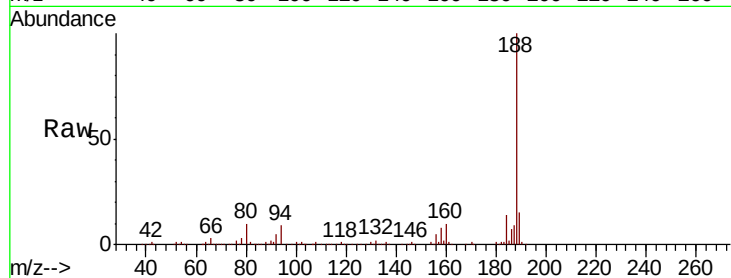
Instrument :

BNA_F

ClientSampleId :

Tot Ion:188 Resp: 414778

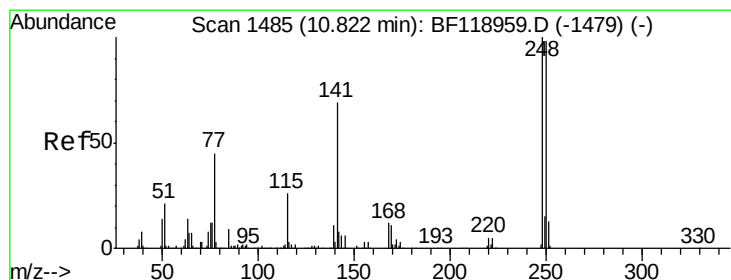
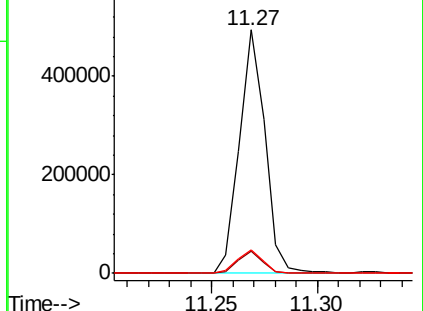
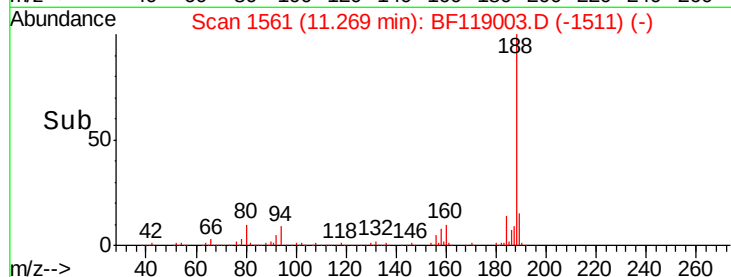
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.7	7.9	11.9



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: 3.066 ng

RT: 10.57 min Scan# 1443

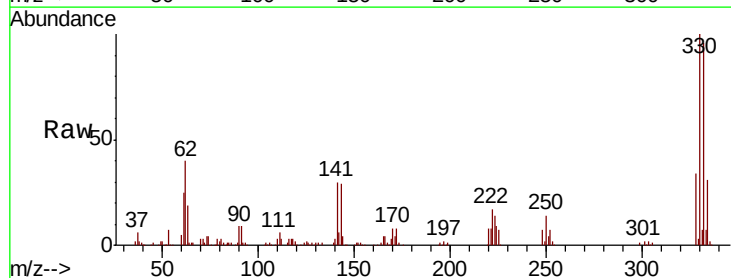
Delta R.T. -0.25 min

Lab File: BF119003.D

Acq: 21 Feb 2020 20:18

Tgt Ion:248 Resp: 16625

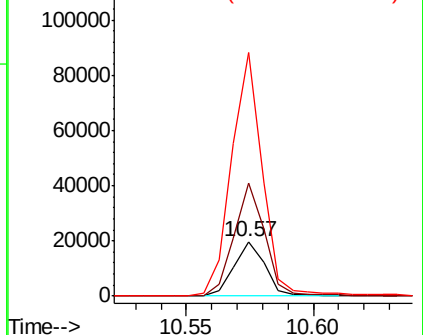
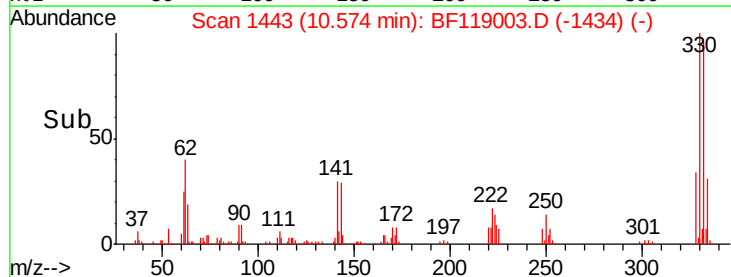
Ion	Ratio	Lower	Upper
248	100		
250	208.3	78.8	118.2#
141	446.2	55.3	82.9#

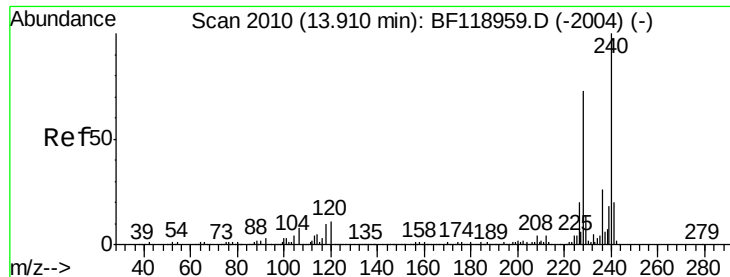


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF119003.D

Acq: 21 Feb 2020 20:18

Instrument :

BNA_F

ClientSampled :

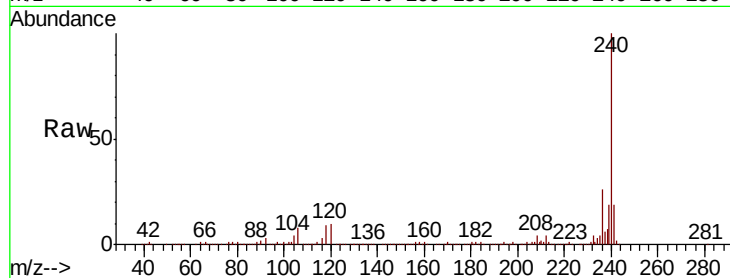
Tot Ion:240 Resp: 370851

Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

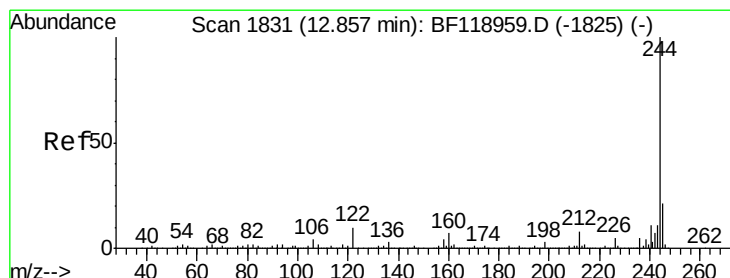
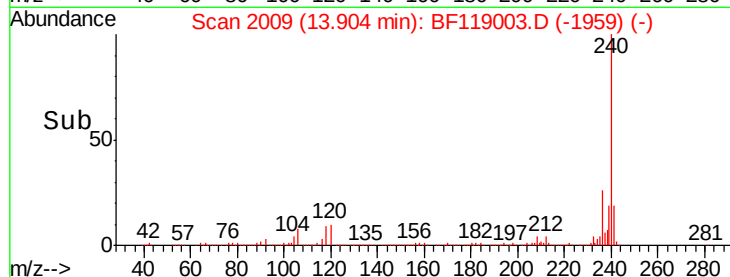
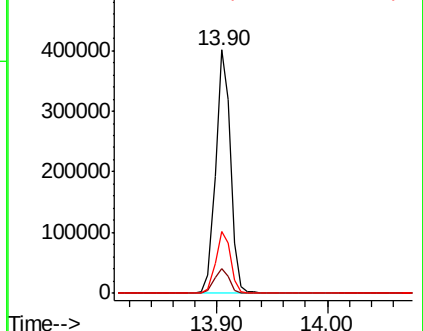
236 25.6 20.6 30.8



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: 57.309 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119003.D

Acq: 21 Feb 2020 20:18

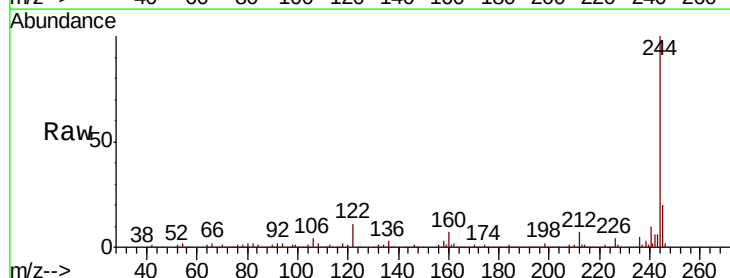
Tgt Ion:244 Resp: 1234452

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

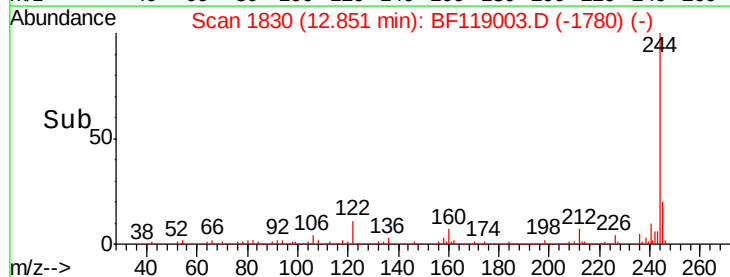
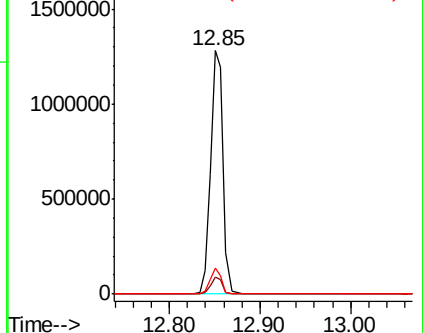
122 10.7 8.4 12.6

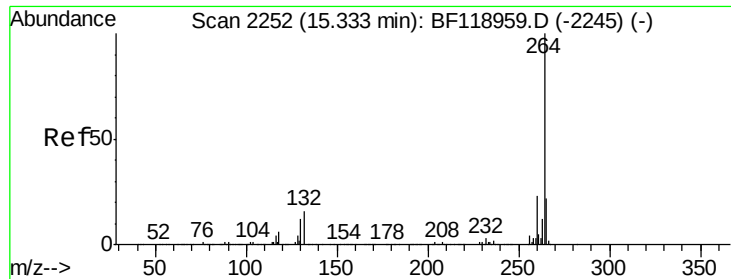


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119003.D
Acq: 21 Feb 2020 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.9	17.3	25.9

