

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119103.D
 Acq On : 27 Feb 2020 10:31
 Operator : CG/JU
 Sample : L1682-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:52:28 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

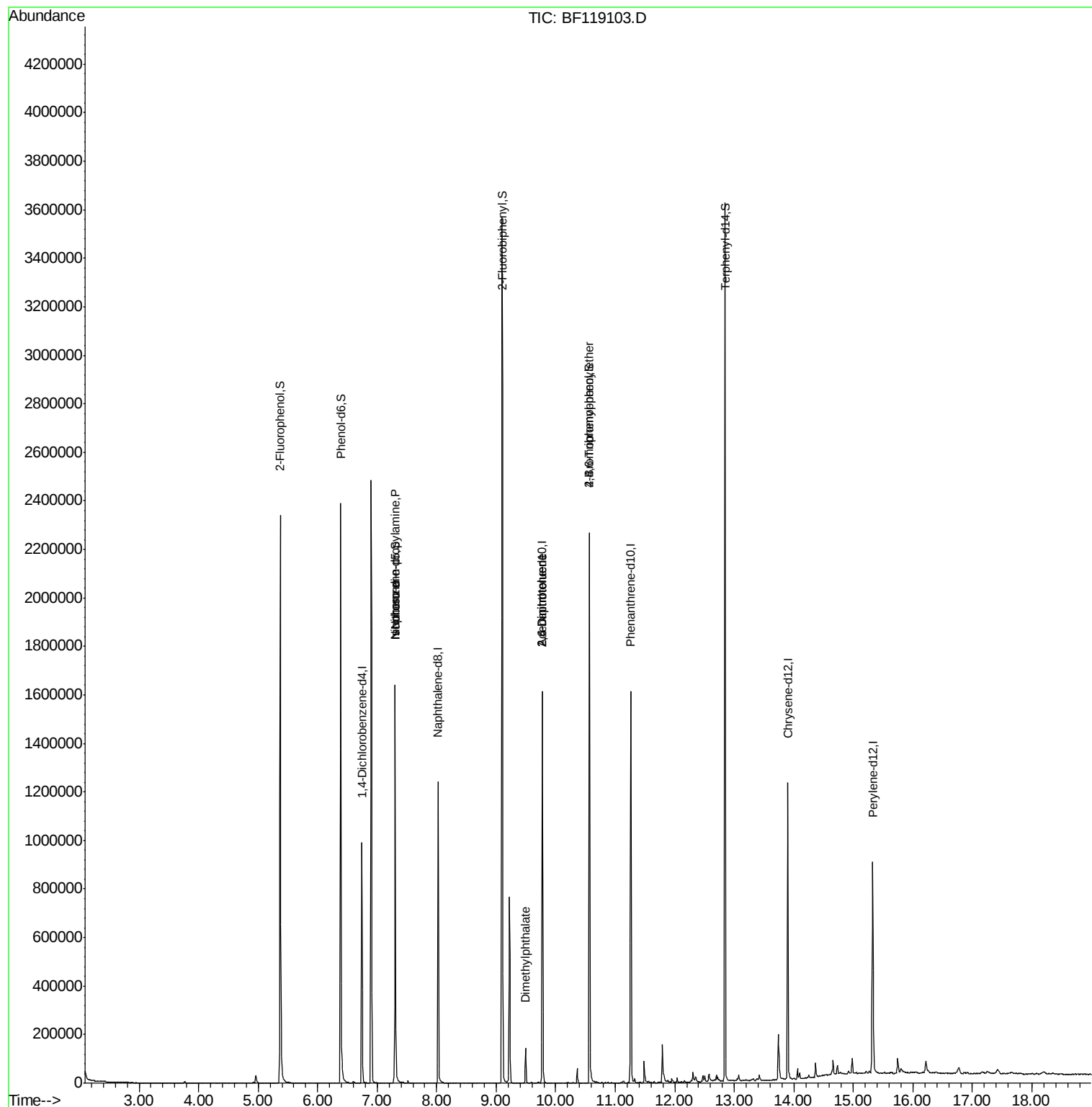
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	164672	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	629518	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	346548	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	639203	20.00	ng	0.00
76) Chrysene-d12	13.90	240	425051	20.00	ng	0.00
87) Perylene-d12	15.32	264	412787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	739323	75.03	ng	0.00
7) Phenol-d6	6.39	99	914789	76.34	ng	-0.02
23) Nitrobenzene-d5	7.30	82	596631	50.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	326203	71.95	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1200190	51.02	ng	-0.01
79) Terphenyl-d14	12.85	244	1366523	55.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	80450	11.521	ng	# 74
25) Isophorone	7.30	82	596626	28.814	ng	# 63
50) Dimethylphthalate	9.49	163	63018	2.378	ng	99
51) 2,6-Dinitrotoluene	9.77	165	44511	7.560	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	44511	5.833	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	21130	2.529	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119103.D
Acq On : 27 Feb 2020 10:31
Operator : CG/JU
Sample : L1682-01RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 28 02:52:28 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



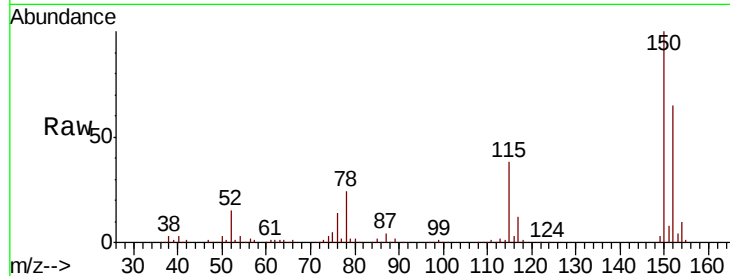


#1

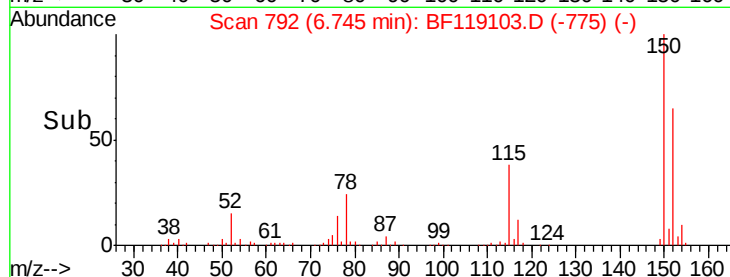
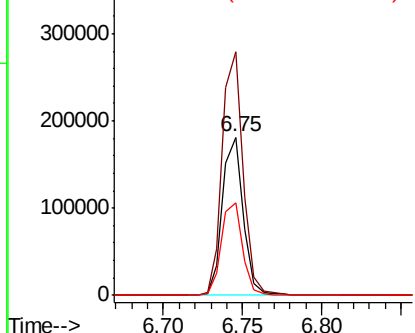
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119103.D
Acq: 27 Feb 2020 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164672
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.6
115 59.0 49.5 74.3



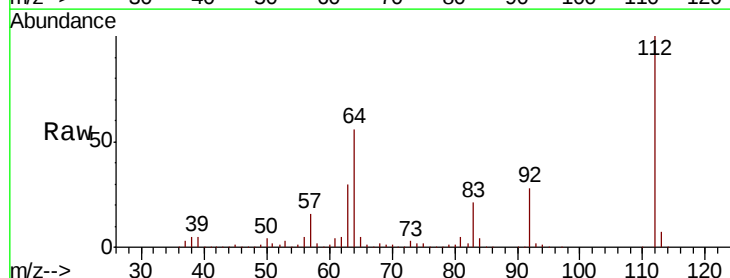
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



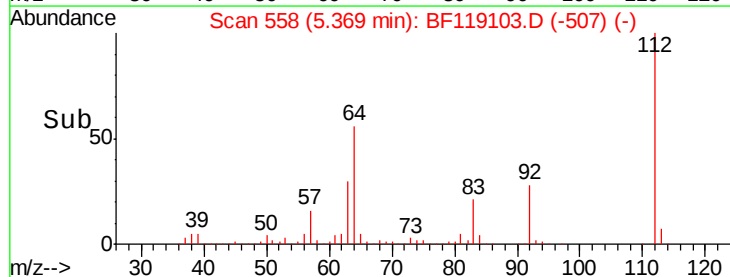
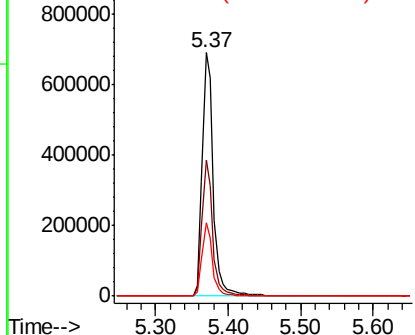
#5

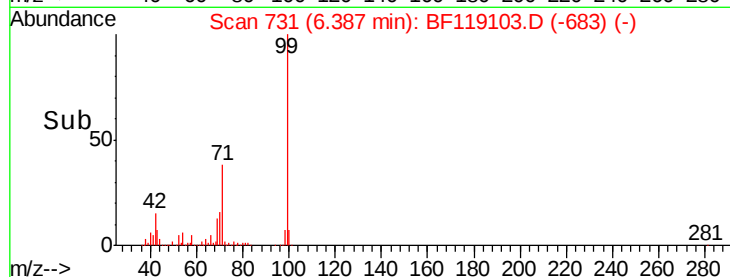
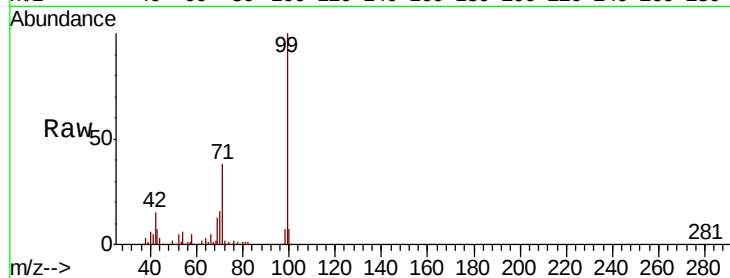
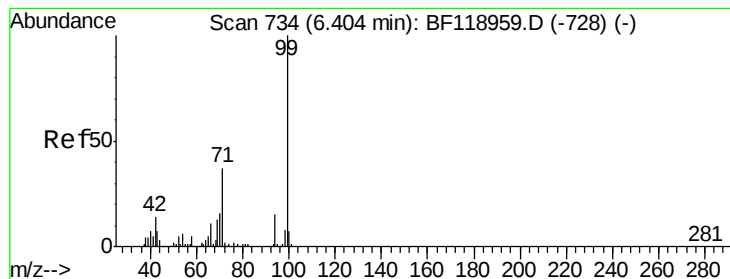
2-Fluorophenol
Concen: 75.030 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119103.D
Acq: 27 Feb 2020 10:31

Tgt Ion:112 Resp: 739323
Ion Ratio Lower Upper
112 100
64 56.0 45.0 67.4
63 30.2 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: 76.335 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

Instrument :

BNA_F

ClientSampled :

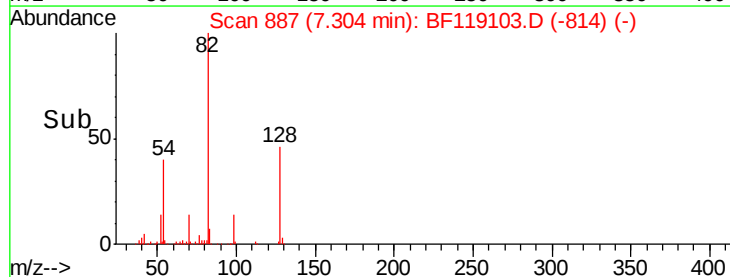
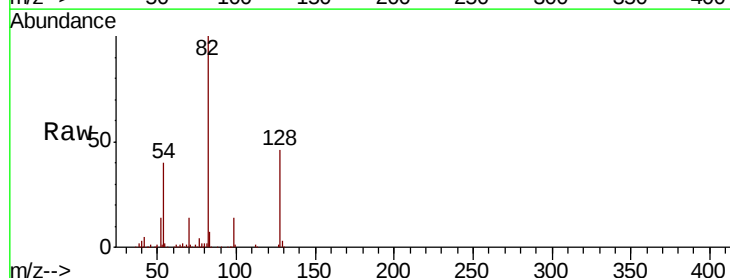
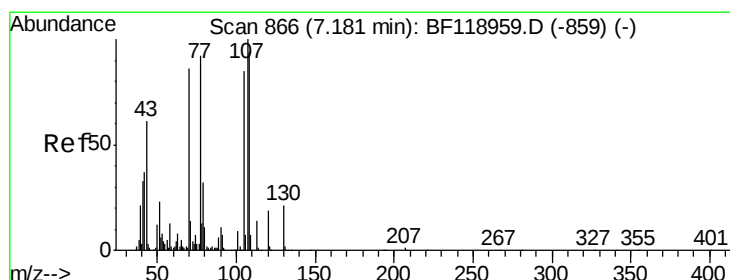
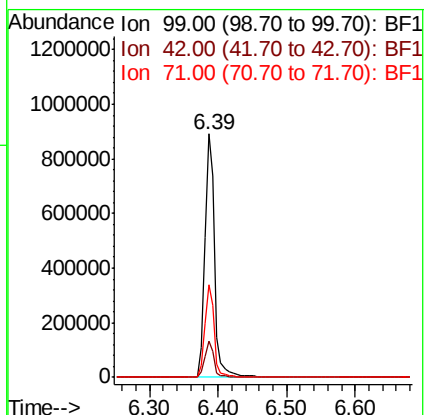
Tot Ion: 99 Resp: 914789

Ion Ratio Lower Upper

99 100

42 14.9 12.6 18.8

71 38.2 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.521 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

Tgt Ion: 70 Resp: 80450

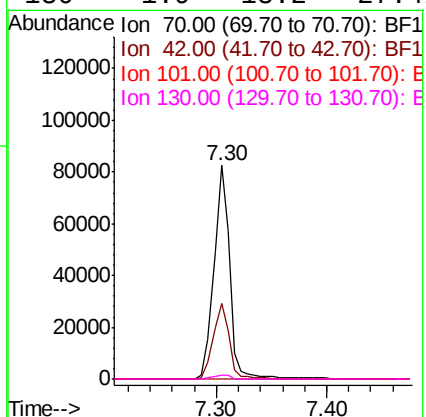
Ion Ratio Lower Upper

70 100

42 35.4 38.0 57.0#

101 0.0 8.2 12.4#

130 1.9 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 629518

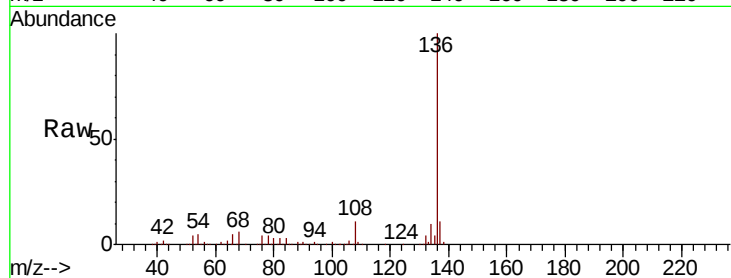
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.3 3.8 5.6

68 5.7 3.9 5.9

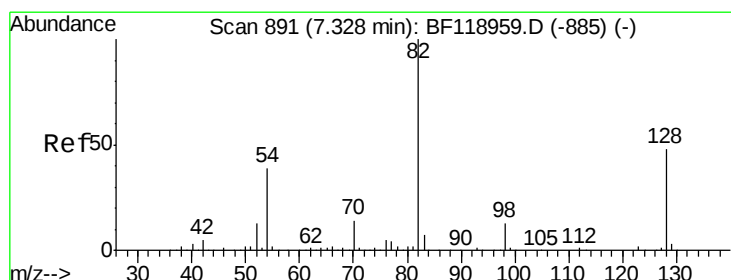
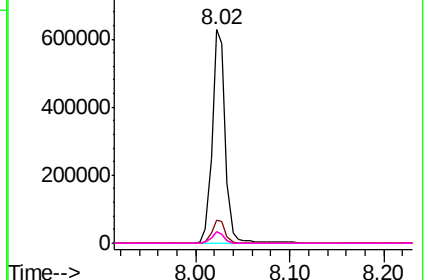
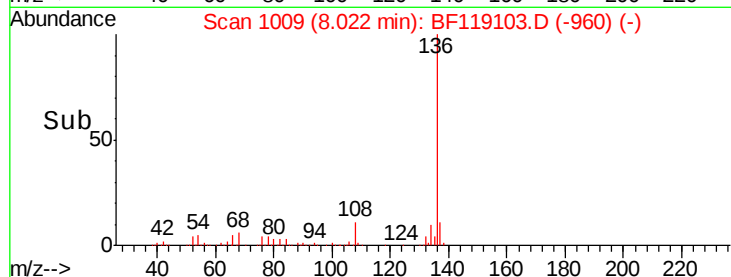


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.042 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

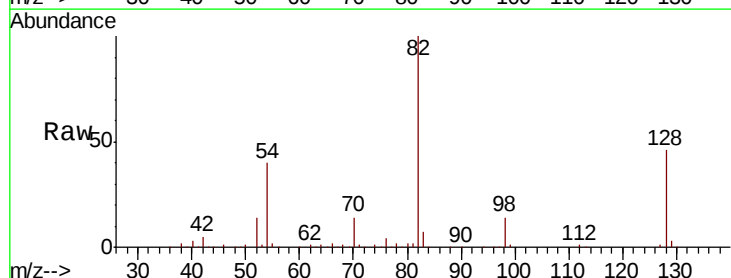
Tgt Ion: 82 Resp: 596631

Ion Ratio Lower Upper

82 100

128 46.0 37.9 56.9

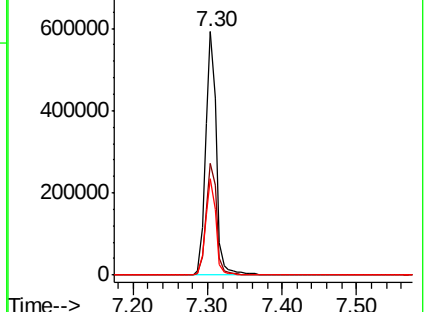
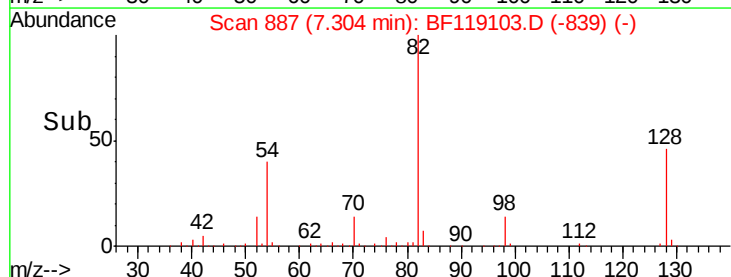
54 39.7 33.4 50.2



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: 28.814 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

Instrument :

BNA_F

ClientSampleId :

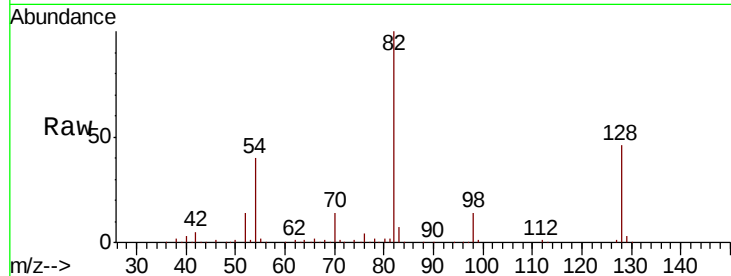
Tot Ion: 82 Resp: 596626

Ion Ratio Lower Upper

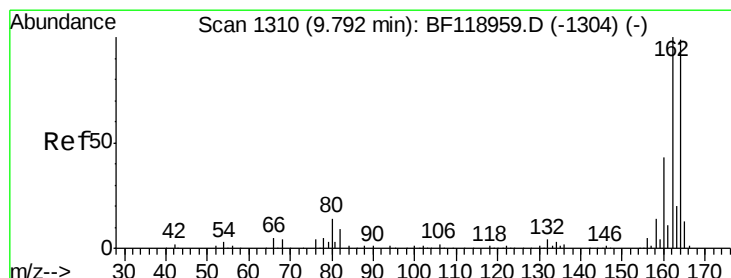
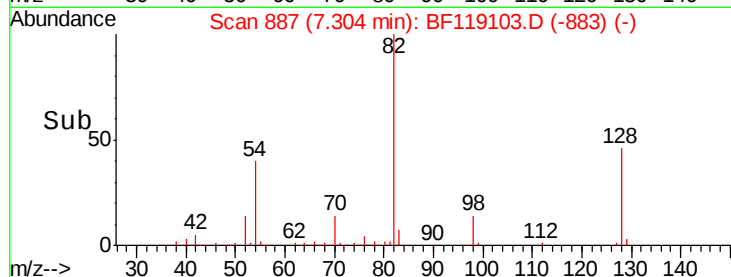
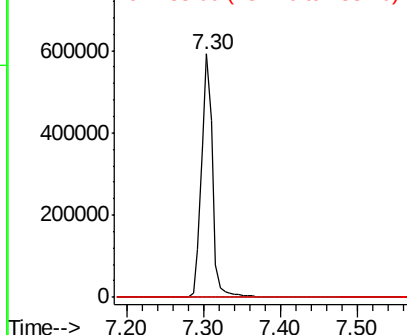
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

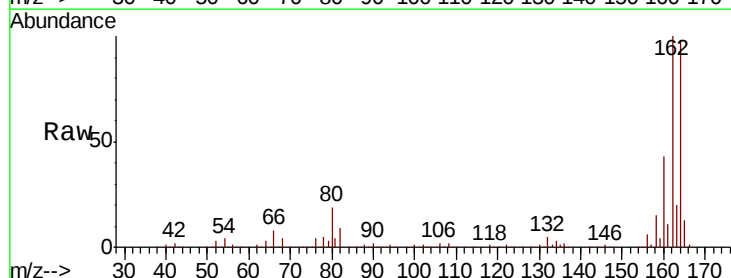
Tgt Ion:164 Resp: 346548

Ion Ratio Lower Upper

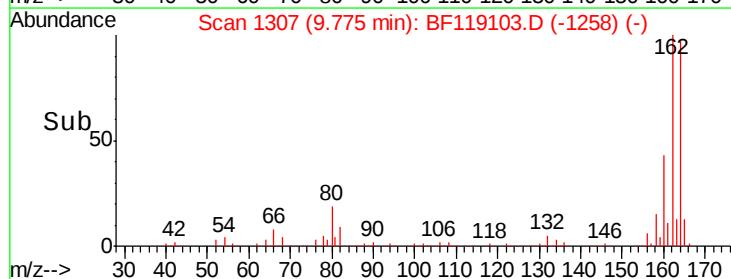
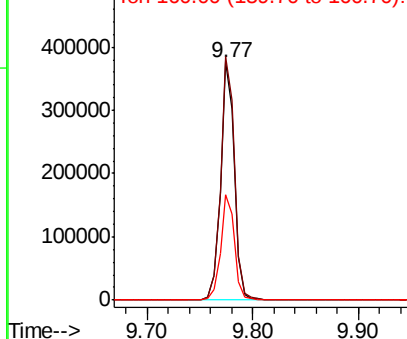
164 100

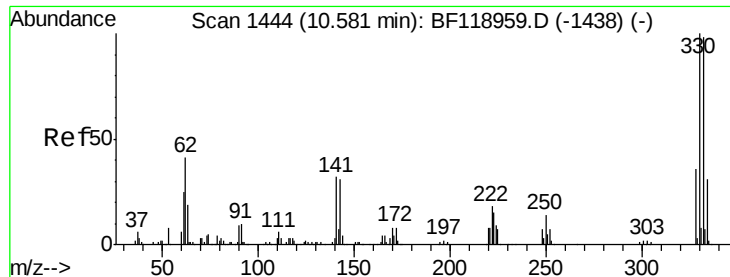
162 102.3 81.8 122.8

160 44.2 36.0 54.0



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

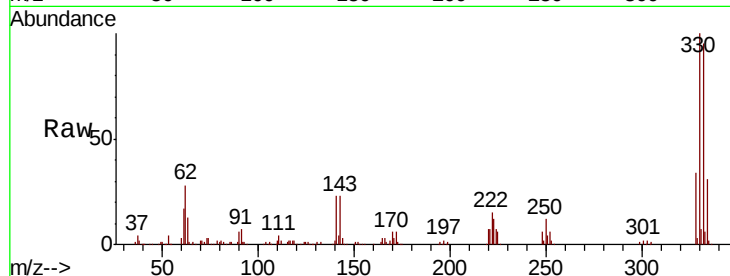




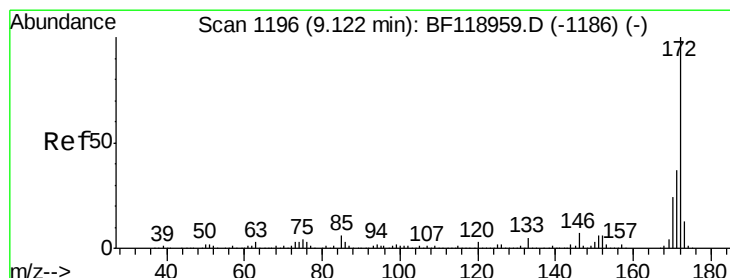
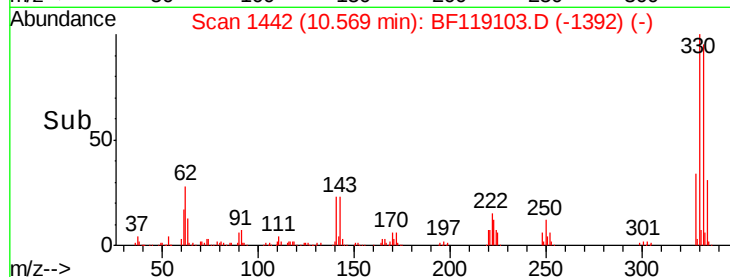
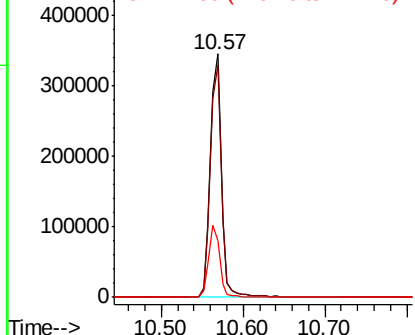
#42
 2,4,6-Tribromophenol
 Concen: 71.955 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119103.D
 Acq: 27 Feb 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	29.5	22.9	34.3

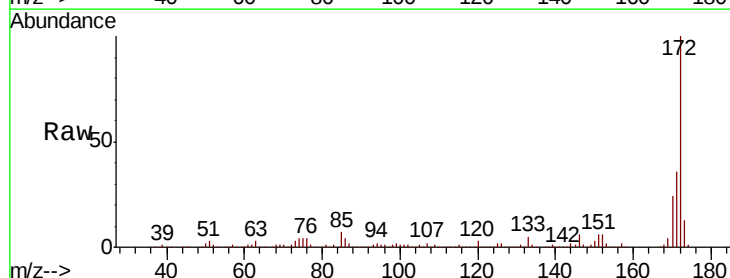


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

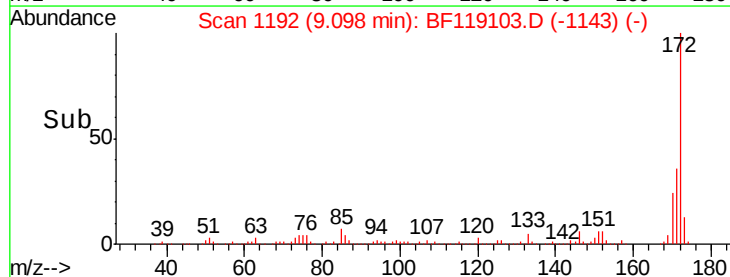
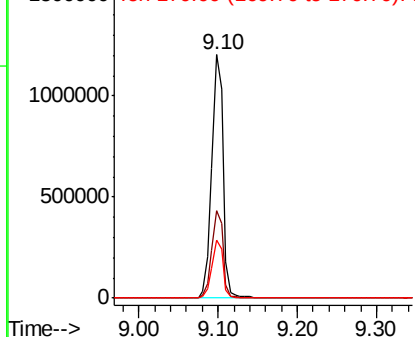


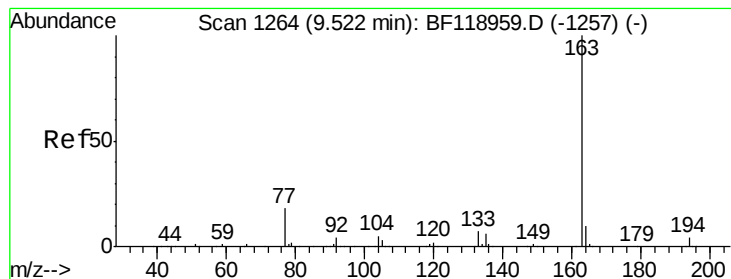
#45
 2-Fluorobiphenyl
 Concen: 51.020 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119103.D
 Acq: 27 Feb 2020 10:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	23.8	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





#50

Dimethylphthalate

Concen: 2.378 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

Instrument :

BNA_F

ClientSampleId :

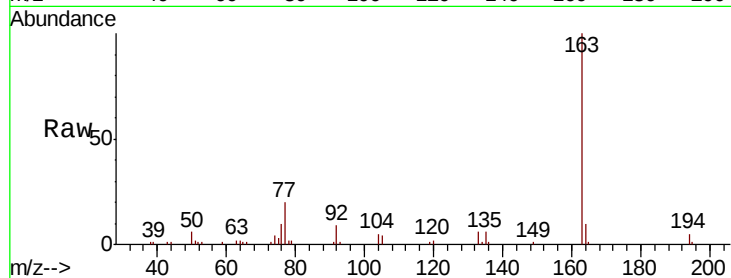
Tot Ion:163 Resp: 63018

Ion Ratio Lower Upper

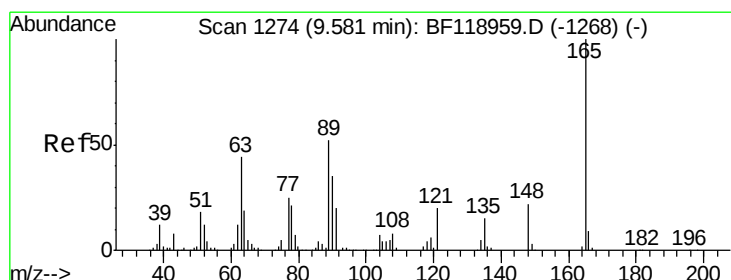
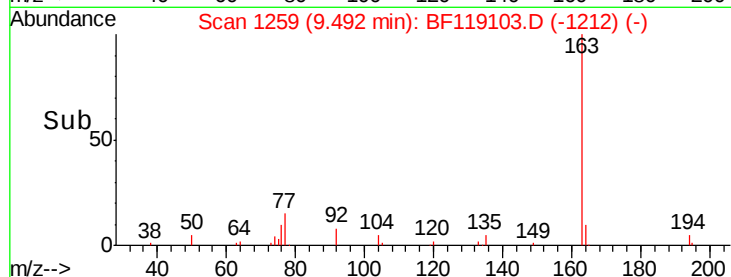
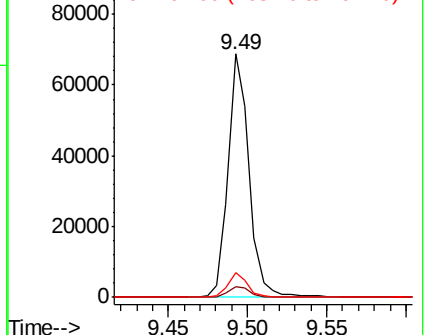
163 100

194 4.5 3.5 5.3

164 10.2 8.4 12.6



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: 7.560 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.19 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

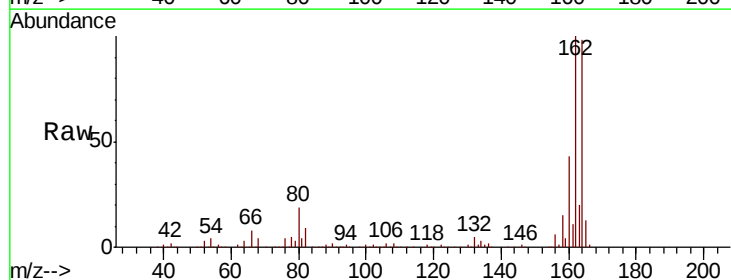
Tgt Ion:165 Resp: 44511

Ion Ratio Lower Upper

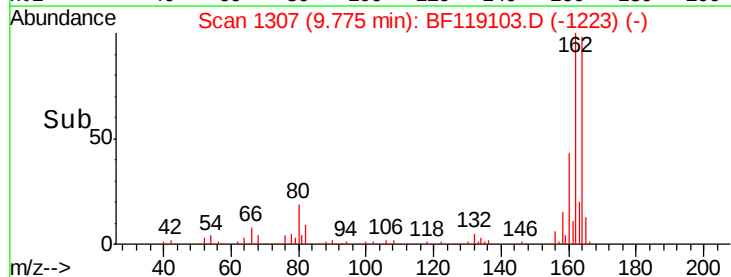
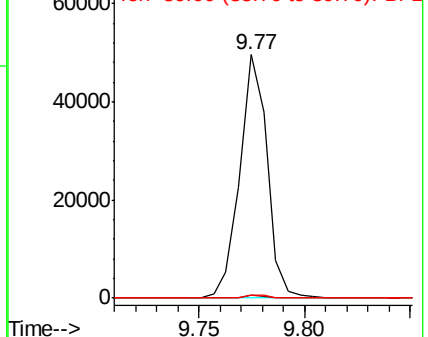
165 100

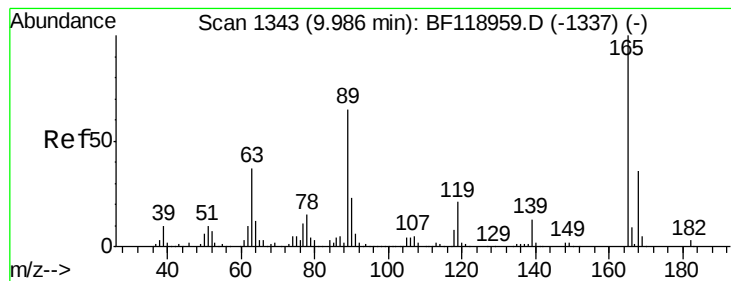
63 1.2 34.3 51.5#

89 1.5 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: 5.833 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.21 min

Lab File: BF119103.D

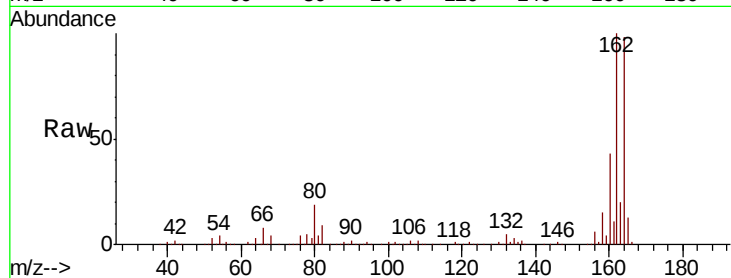
Acq: 27 Feb 2020 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	44511
Ion Ratio	Lower	Upper
165	100	
63	1.2	42.3 63.5#
89	1.5	60.2 90.4#
182	0.0	2.3 3.5#

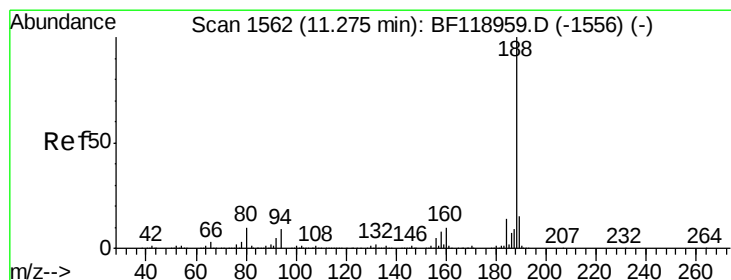
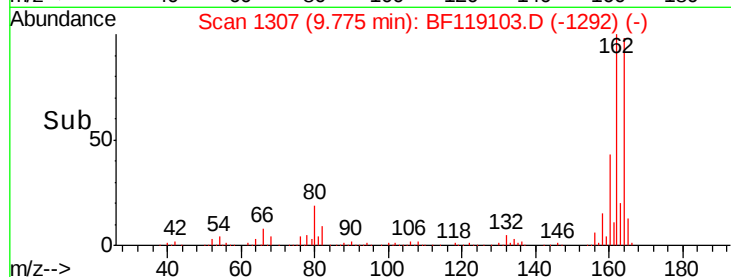
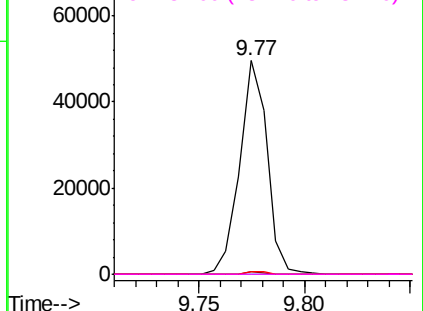


Abundance Ion 165.00 (164.70 to 165.70): E

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

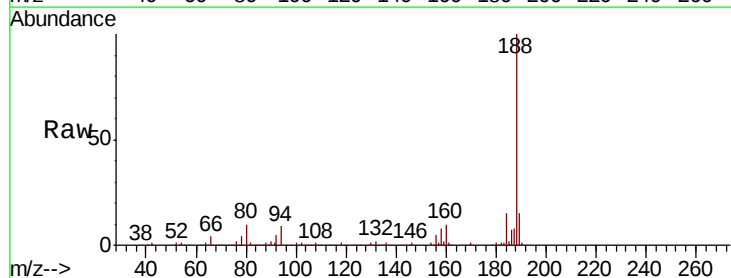
RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

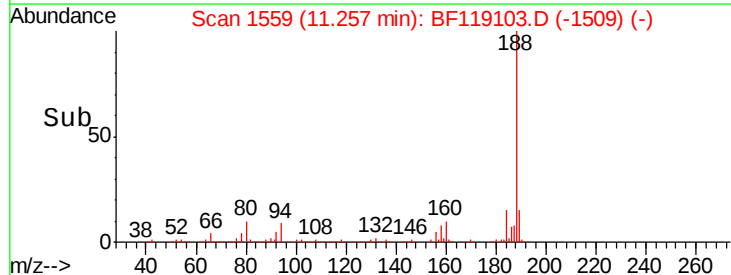
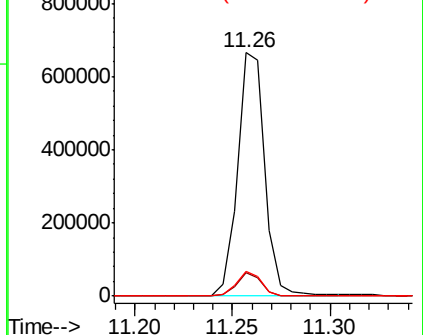
Tgt Ion:188	Resp:	639203
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.1 10.7
80	10.2	7.8 11.8

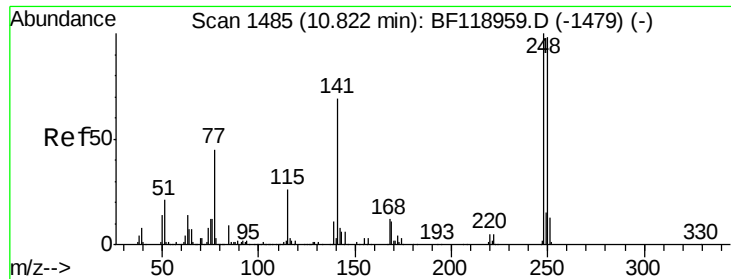


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

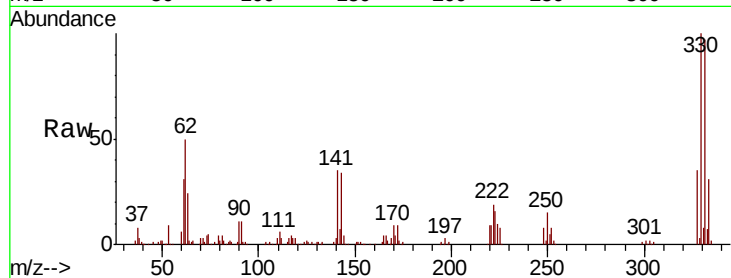




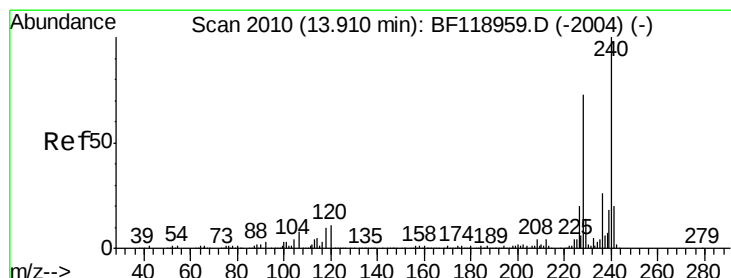
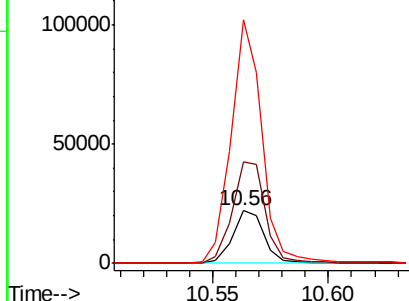
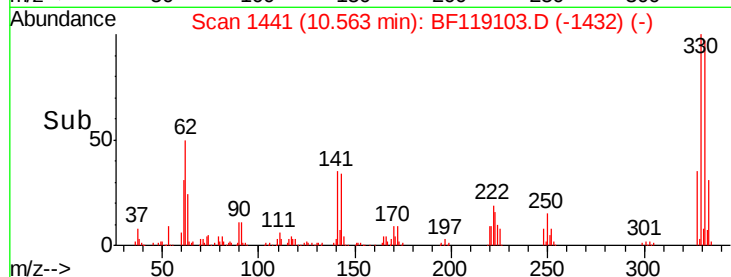
#67
4-Bromophenyl-phenylether
Concen: 2.529 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119103.D
Acq: 27 Feb 2020 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21130
Ion Ratio Lower Upper
248 100
250 194.7 76.7 115.1#
141 464.1 60.7 91.1#

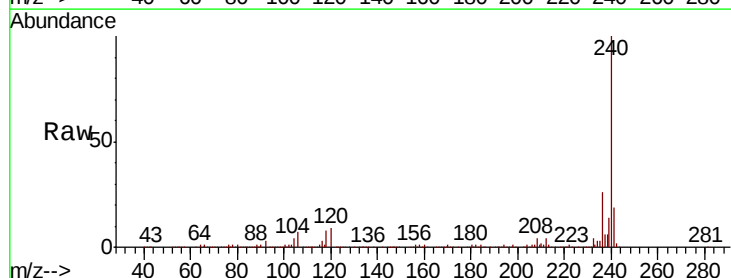


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

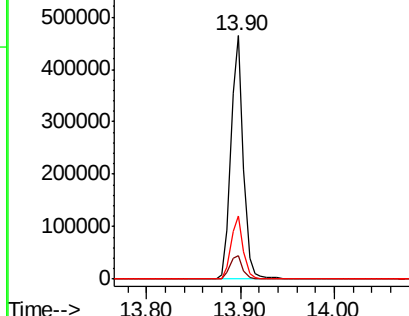
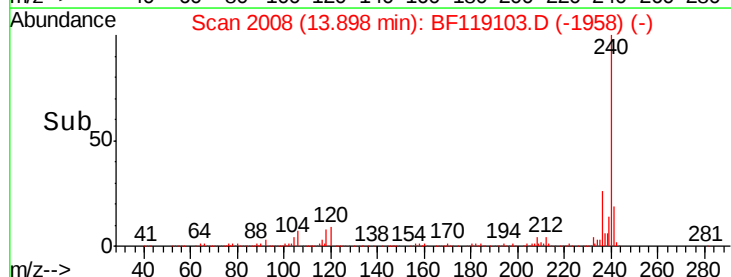


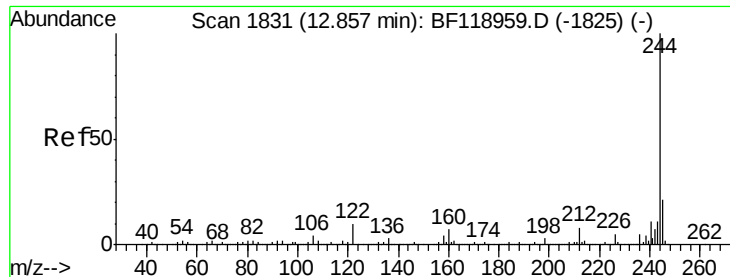
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119103.D
Acq: 27 Feb 2020 10:31

Tgt Ion:240 Resp: 425051
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.7 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: 55.351 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

Instrument :

BNA_F

ClientSampleId :

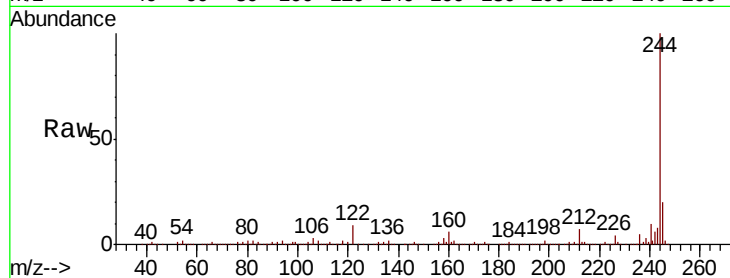
Tot Ion:244 Resp: 1366523

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.6	10.0
122	8.8	8.2	12.2

244 100

212 6.9 6.6 10.0

122 8.8 8.2 12.2

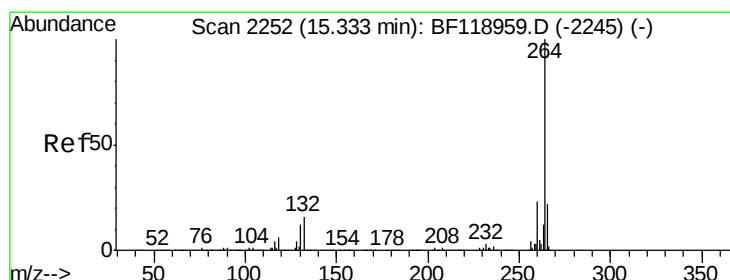
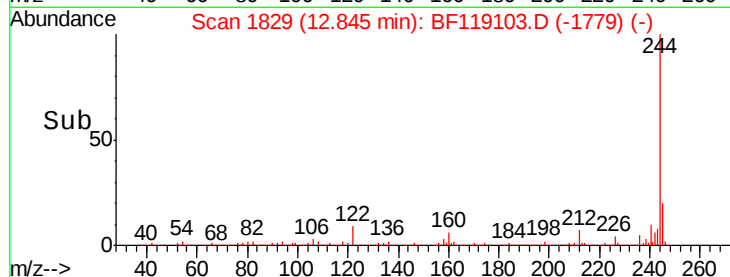
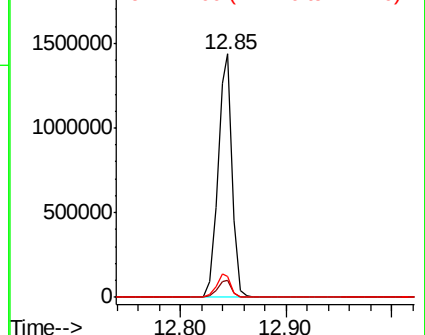


Abundance

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: 15.32 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

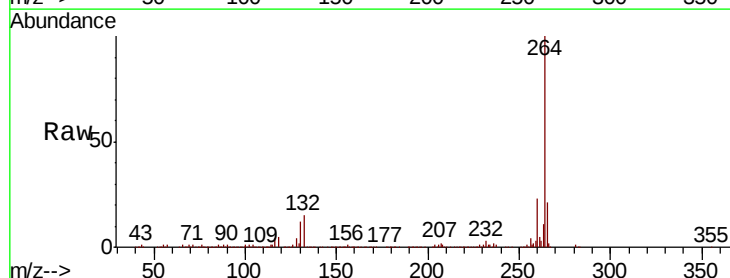
Tgt Ion:264 Resp: 412787

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.4	17.7	26.5

264 100

260 23.3 19.4 29.2

265 21.4 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

