

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119232.D
 Acq On : 6 Mar 2020 00:58
 Operator : CG/JU
 Sample : L1792-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:32:23 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

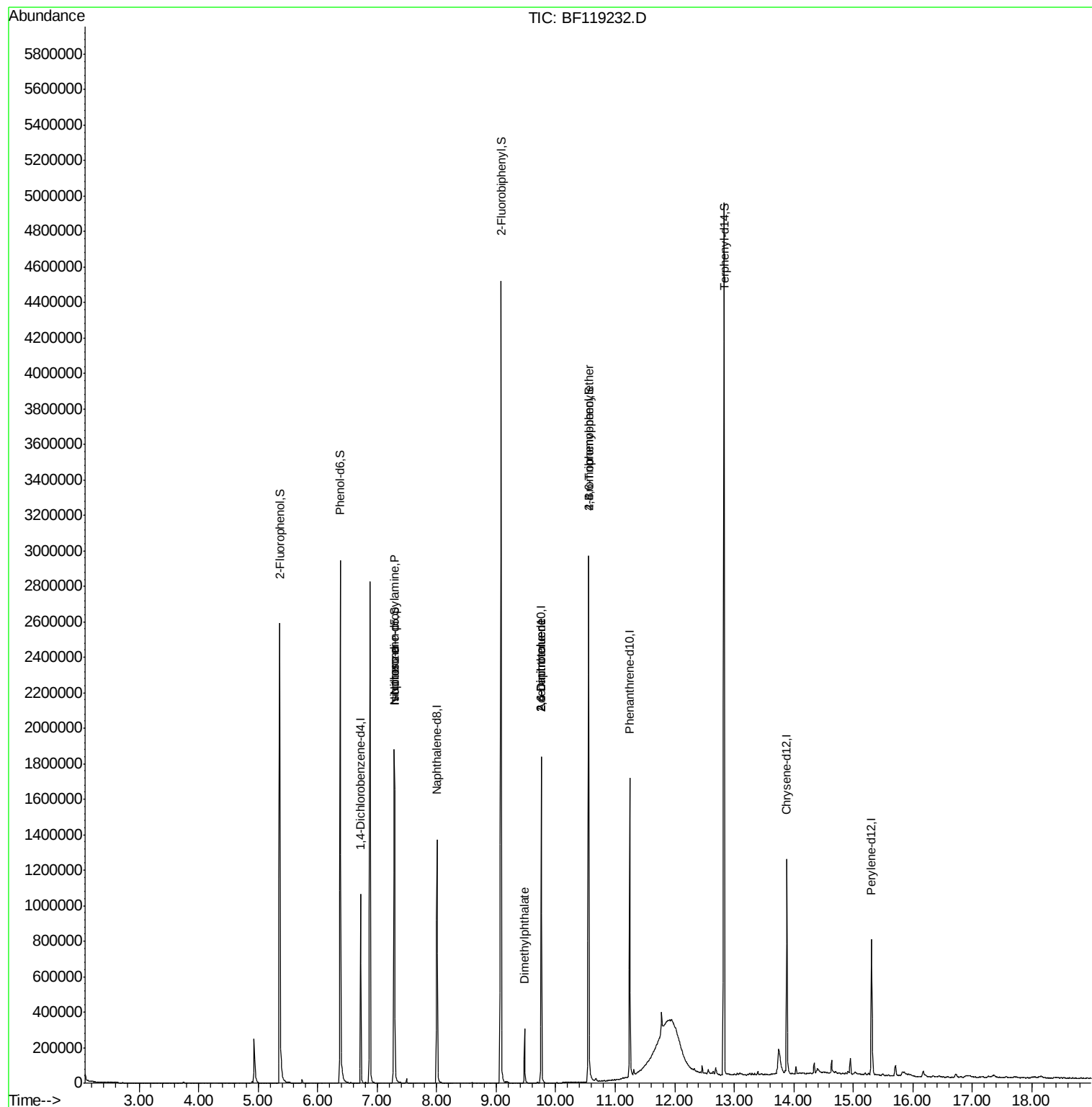
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	170284	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	672806	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	374877	20.00	ng	-0.03
64) Phenanthrene-d10	11.25	188	682201	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	395756	20.00	ng	-0.02
87) Perylene-d12	15.30	264	340242	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	909935	89.30	ng	0.00
7) Phenol-d6	6.38	99	1126182	90.88	ng	-0.02
23) Nitrobenzene-d5	7.29	82	760215	59.66	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	408146	83.23	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1546798	60.79	ng	-0.03
79) Terphenyl-d14	12.83	244	1767867	76.91	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	103558	14.341	ng	# 77
25) Isophorone	7.29	82	760210	34.352	ng	# 63
50) Dimethylphthalate	9.47	163	129554	4.519	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	46835	7.354	ng	# 32
57) 2,4-Dinitrotoluene	9.76	165	46835	5.673	ng	# 20
67) 4-Bromophenyl-phenylether	10.55	248	26638	2.987	ng	# 1

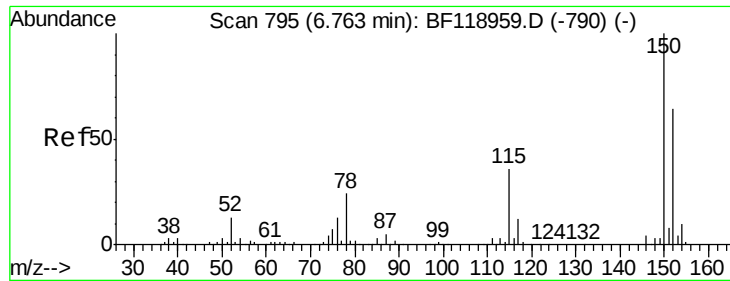
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119232.D
Acq On : 6 Mar 2020 00:58
Operator : CG/JU
Sample : L1792-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 06 06:32:23 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



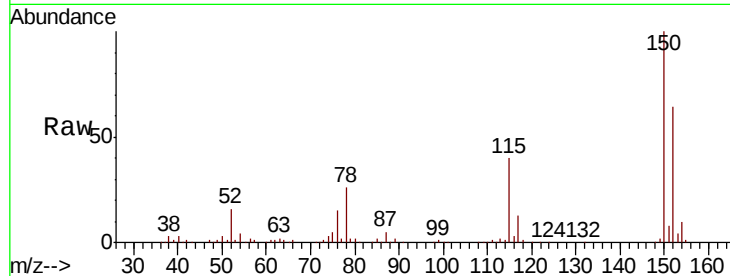


#1

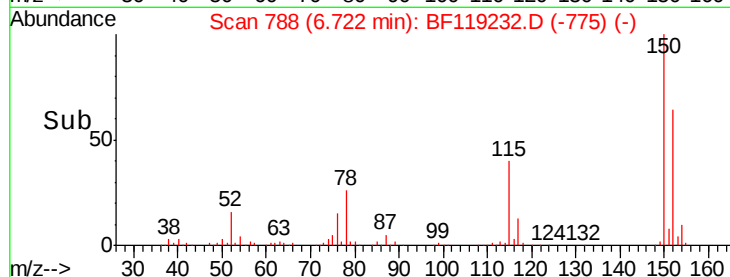
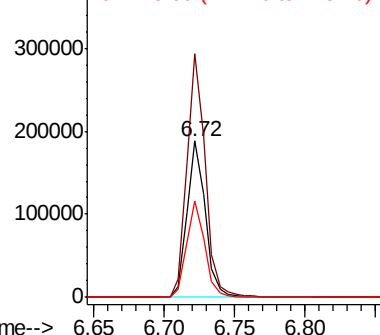
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119232.D
Acq: 6 Mar 2020 00:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170284
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.6
115 61.5 49.5 74.3



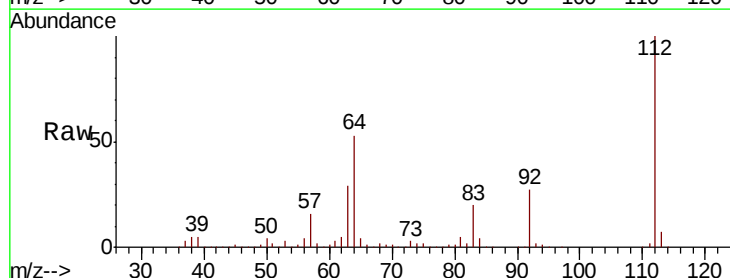
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



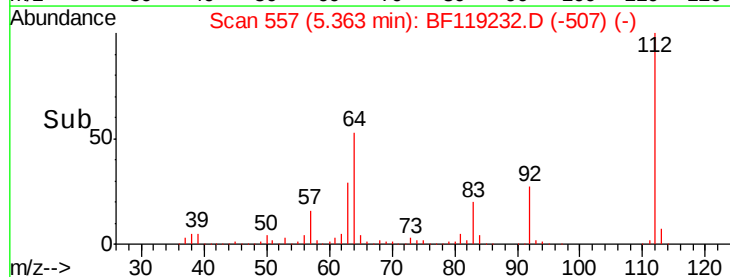
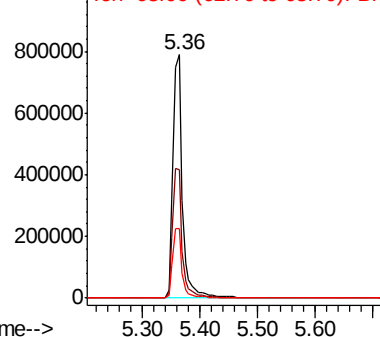
#5

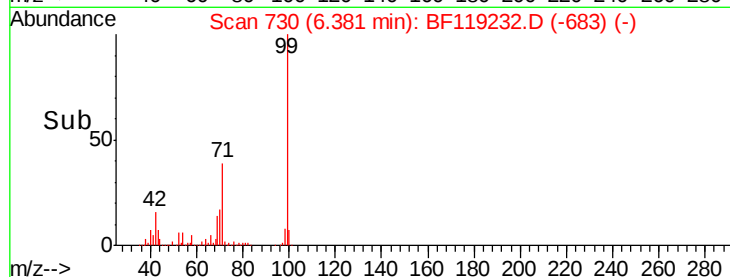
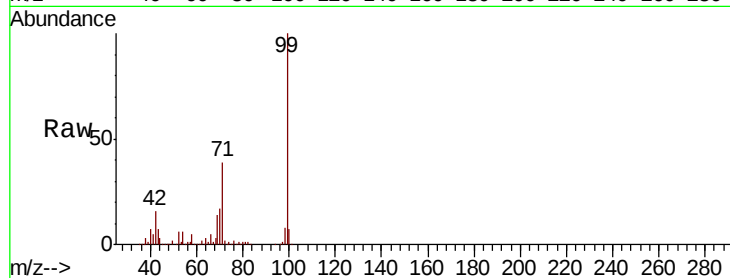
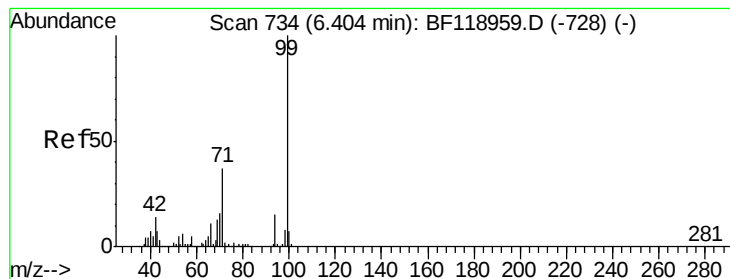
2-Fluorophenol
Concen: 89.302 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119232.D
Acq: 6 Mar 2020 00:58

Tgt Ion:112 Resp: 909935
Ion Ratio Lower Upper
112 100
64 52.8 45.0 67.4
63 28.5 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: 90.878 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119232.D

Acq: 6 Mar 2020 00:58

Instrument :

BNA_F

ClientSampleId :

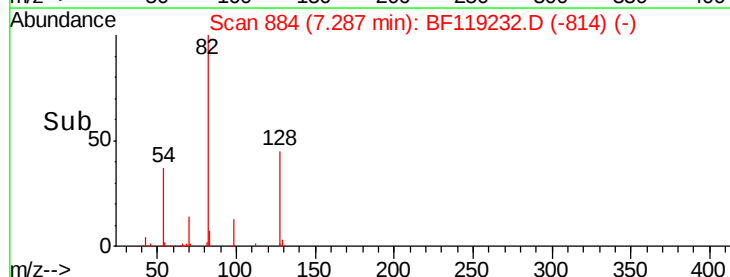
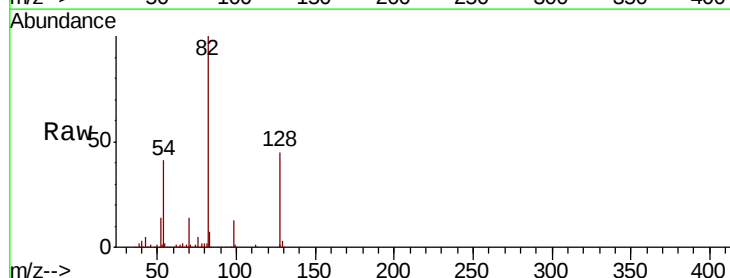
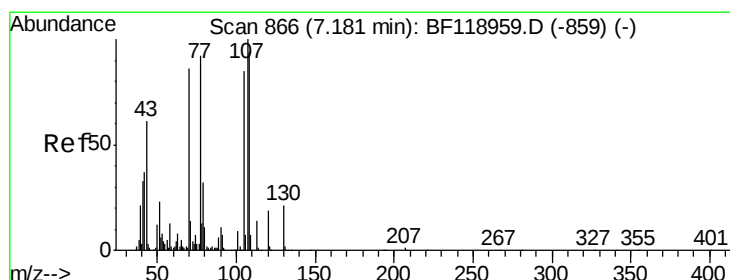
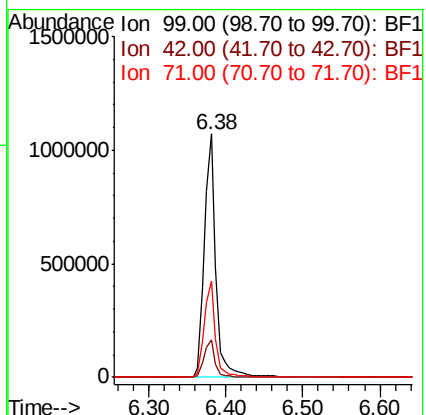
Tot Ion: 99 Resp: 1126182

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

71 39.4 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.341 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF119232.D

Acq: 6 Mar 2020 00:58

Tgt Ion: 70 Resp: 103558

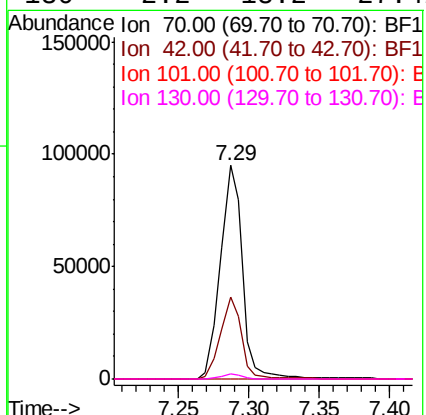
Ion Ratio Lower Upper

70 100

42 38.5 38.0 57.0

101 0.0 8.2 12.4#

130 2.2 18.2 27.4#

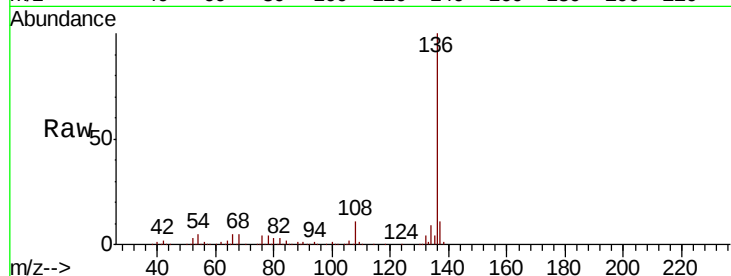




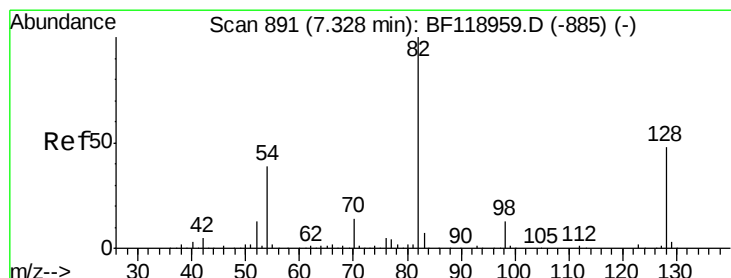
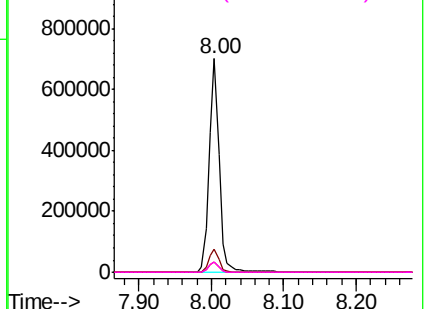
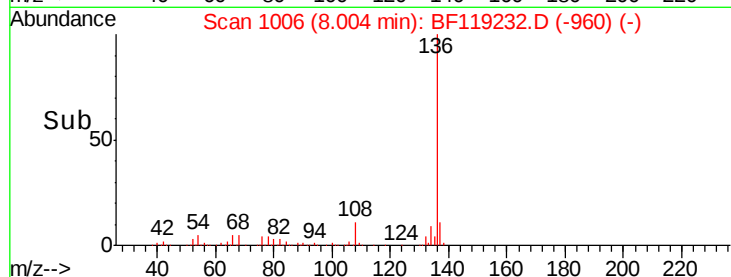
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119232.D
Acq: 6 Mar 2020 00:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	672806	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 4.9	3.8	5.6	
68 5.1	3.9	5.9	

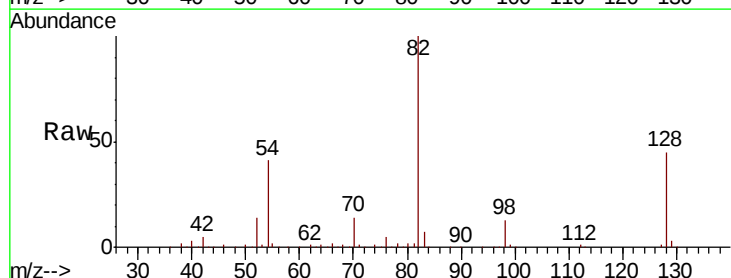


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

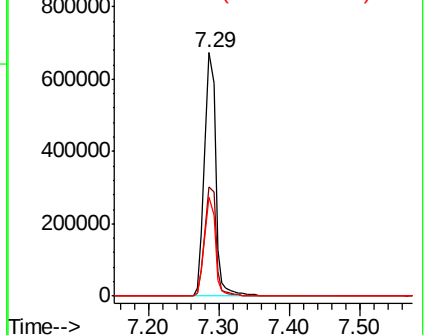
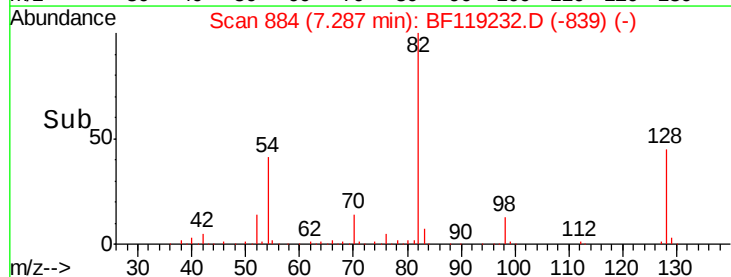


#23
Nitrobenzene-d5
Concen: 59.660 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF119232.D
Acq: 6 Mar 2020 00:58

Tgt	Ion: 82	Resp:	760215
Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.9	56.9
54	40.6	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

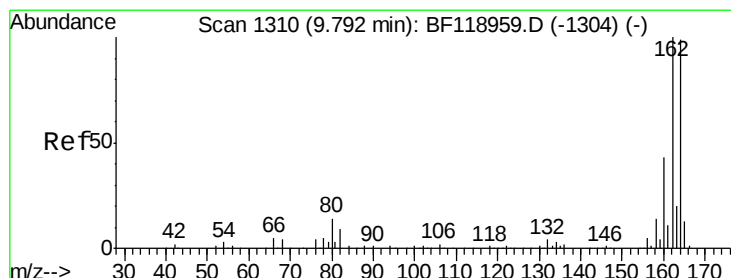
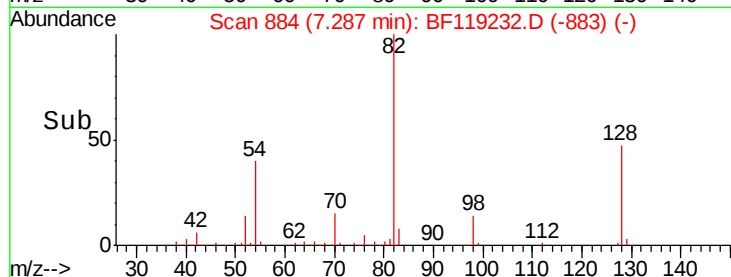
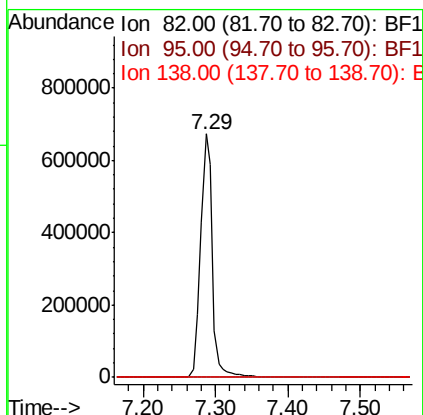
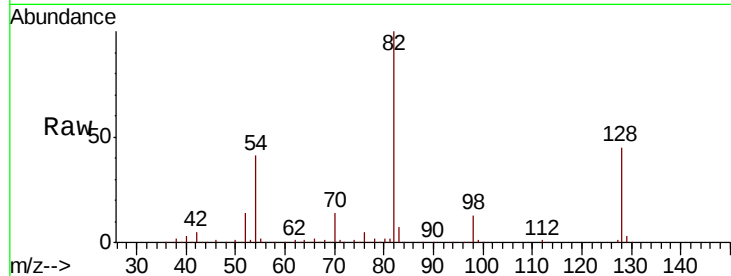




#25
Isophorone
Concen: 34.352 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.29 min
Lab File: BF119232.D
Acq: 6 Mar 2020 00:58

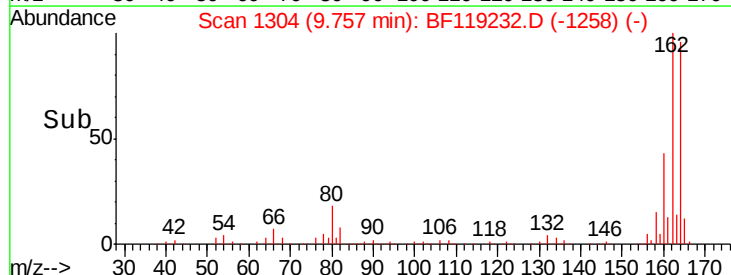
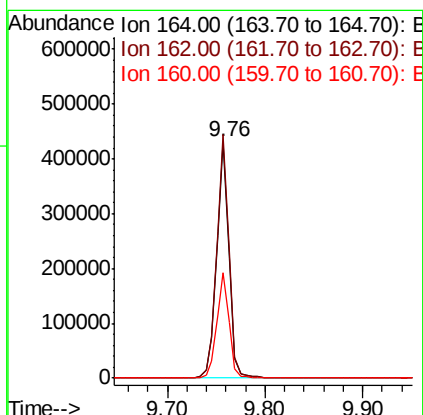
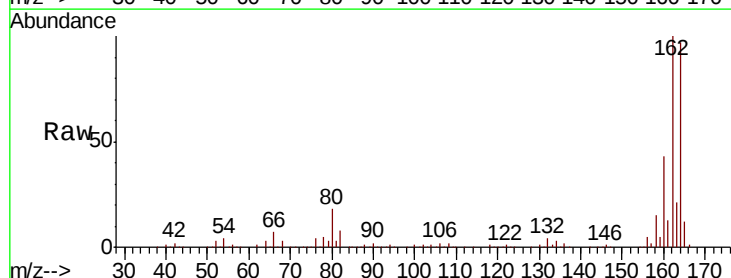
Instrument :
BNA_F
ClientSampled :

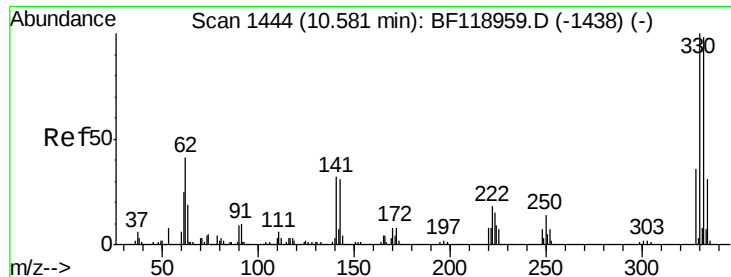
Tot Ion: 82 Resp: 760210
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF119232.D
Acq: 6 Mar 2020 00:58

Tgt Ion: 164 Resp: 374877
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.8
160 44.6 36.0 54.0

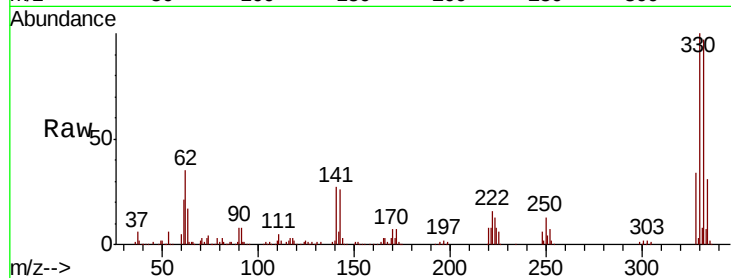




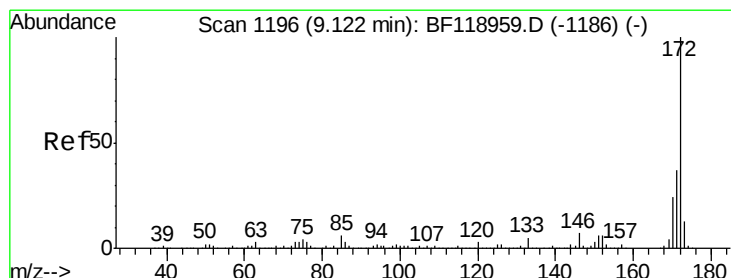
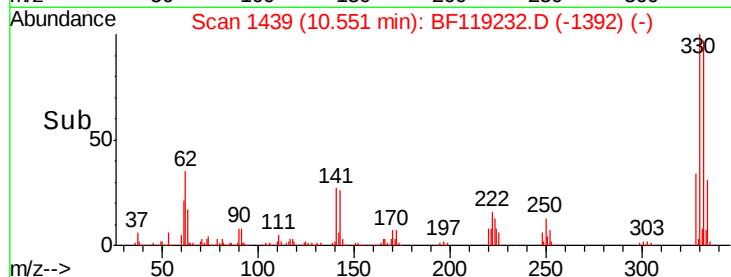
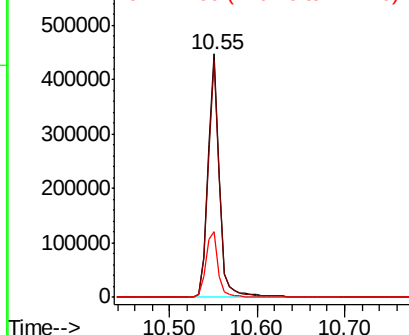
#42
 2,4,6-Tribromophenol
 Concen: 83.227 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119232.D
 Acq: 6 Mar 2020 00:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 408146
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.0 114.0
 141 29.8 22.9 34.3

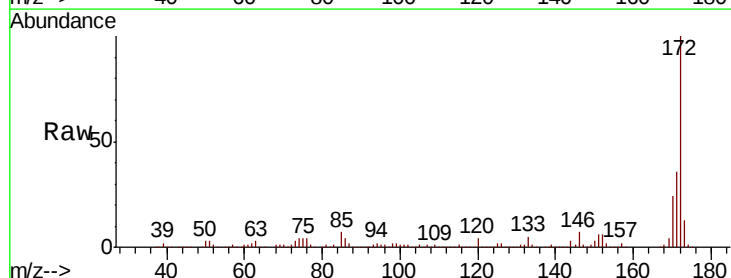


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

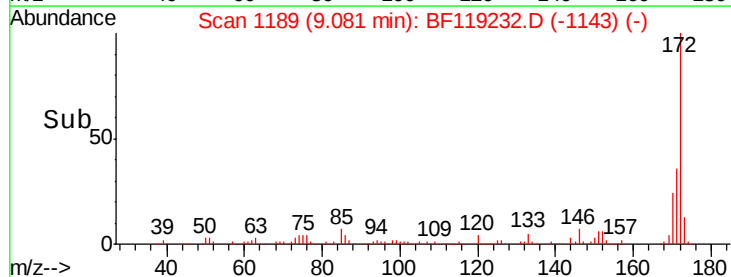
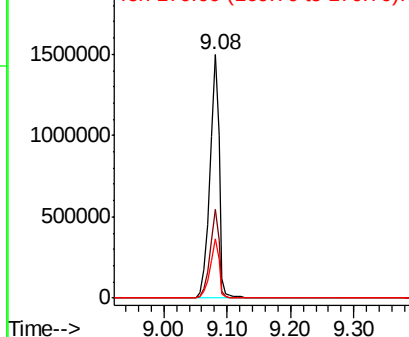


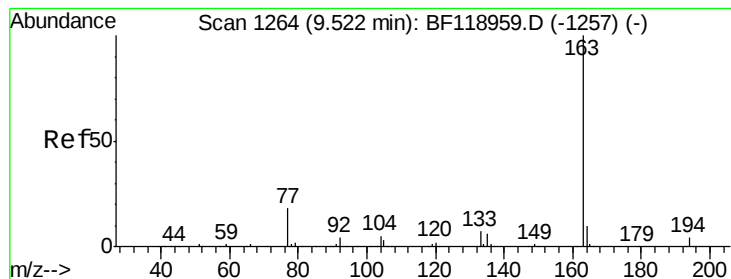
#45
 2-Fluorobiphenyl
 Concen: 60.785 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119232.D
 Acq: 6 Mar 2020 00:58

Tgt Ion:172 Resp: 1546798
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.6 45.8
 170 24.4 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: 4.519 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF119232.D

Acq: 6 Mar 2020 00:58

Instrument :

BNA_F

ClientSampleId :

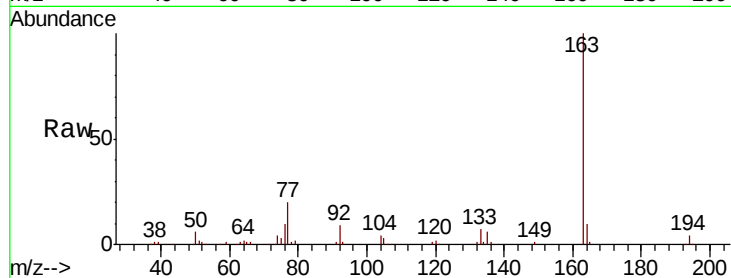
Tot Ion:163 Resp: 129554

Ion Ratio Lower Upper

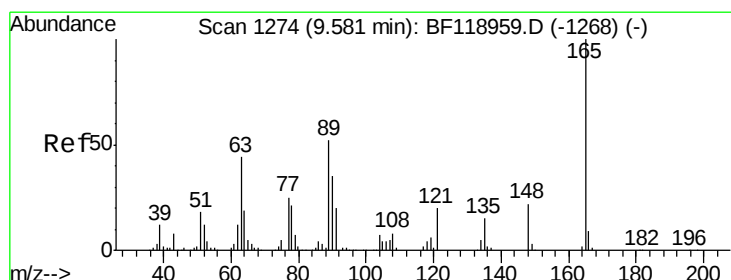
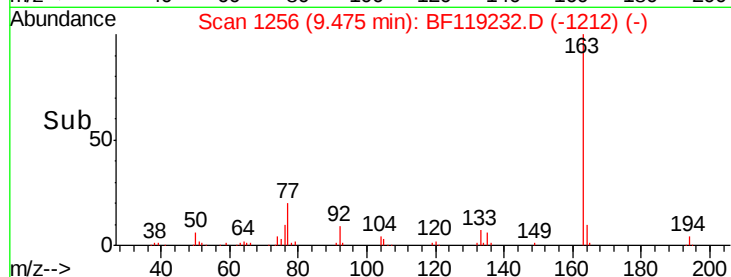
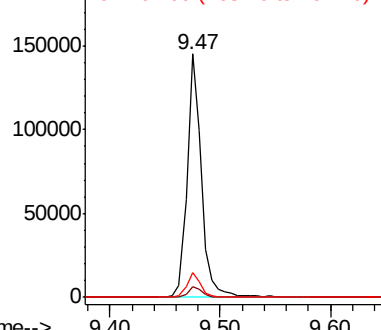
163 100

194 4.3 3.5 5.3

164 10.3 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: 7.354 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.18 min

Lab File: BF119232.D

Acq: 6 Mar 2020 00:58

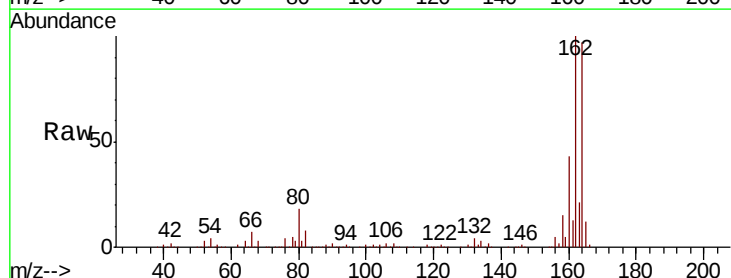
Tgt Ion:165 Resp: 46835

Ion Ratio Lower Upper

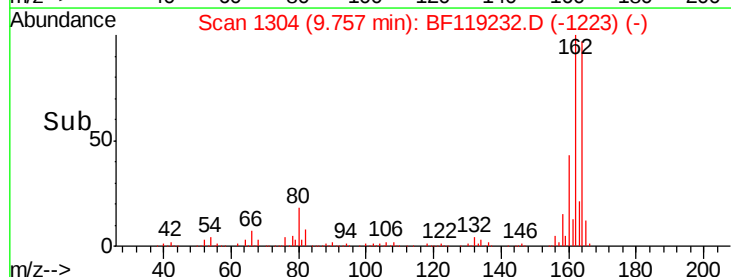
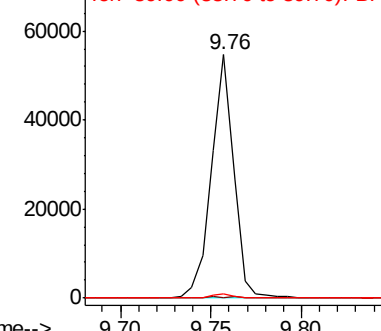
165 100

63 0.0 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

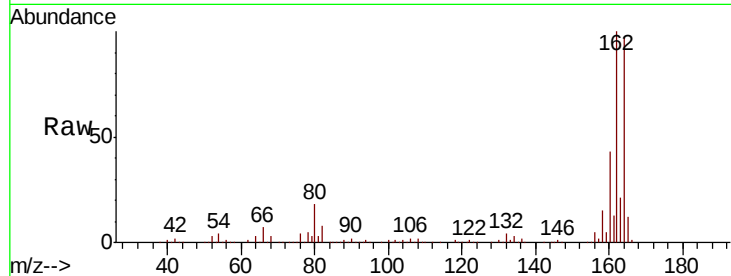




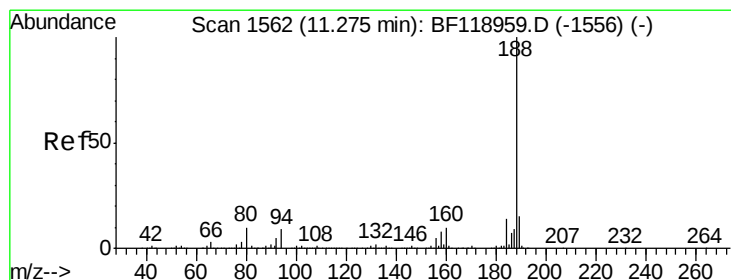
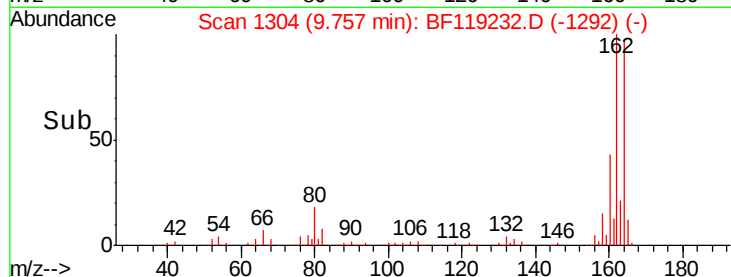
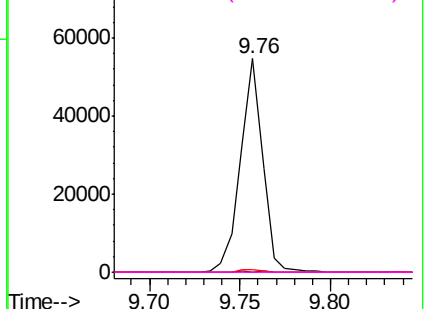
#57
 2,4-Dinitrotoluene
 Concen: 5.673 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.23 min
 Lab File: BF119232.D
 Acq: 6 Mar 2020 00:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	46835
Ion Ratio	Lower	Upper
165	100	
63	0.0	42.3 63.5#
89	1.5	60.2 90.4#
182	0.0	2.3 3.5#

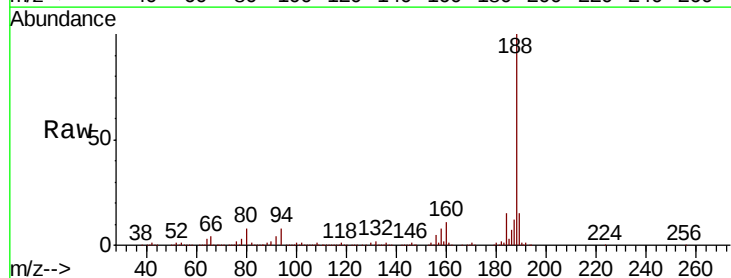


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

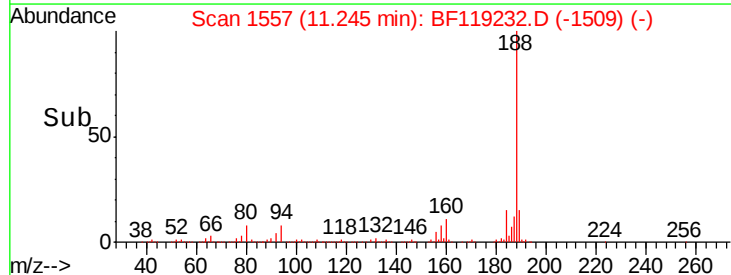
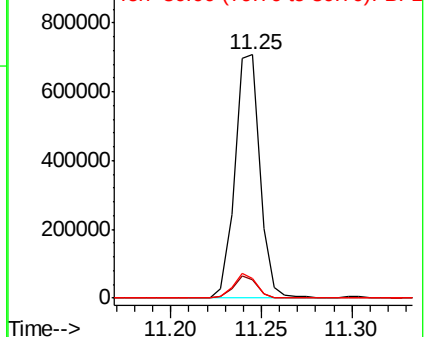


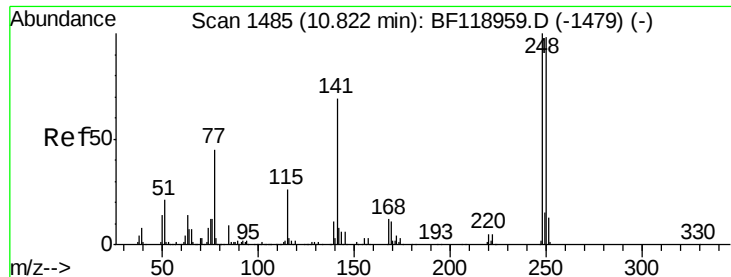
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF119232.D
 Acq: 6 Mar 2020 00:58

Tgt Ion:188	Resp:	682201
Ion Ratio	Lower	Upper
188	100	
94	7.8	7.1 10.7
80	8.3	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

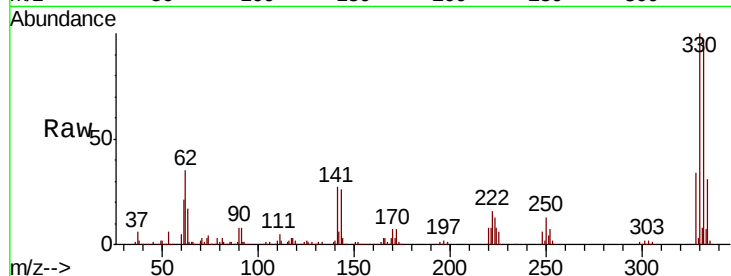




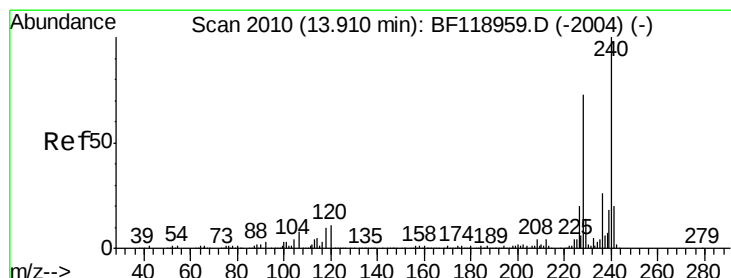
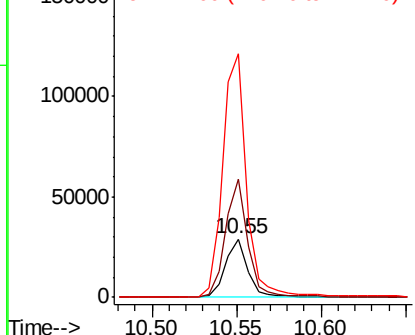
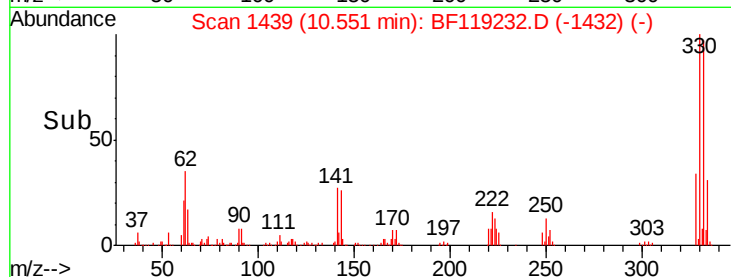
#67
4-Bromophenyl-phenylether
Concen: 2.987 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119232.D
Acq: 6 Mar 2020 00:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 26638
Ion Ratio Lower Upper
248 100
250 202.9 76.7 115.1#
141 419.2 60.7 91.1#

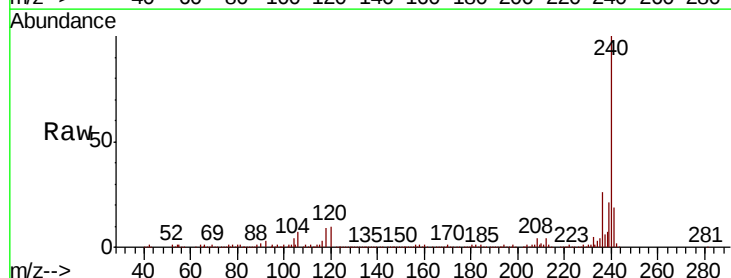


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

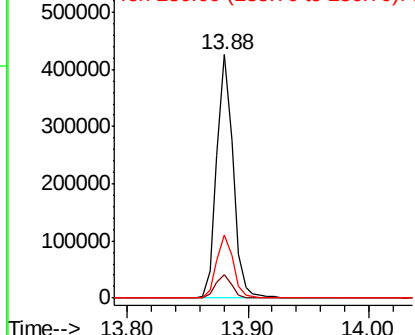
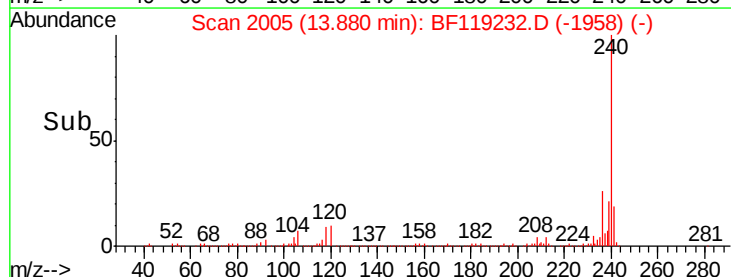


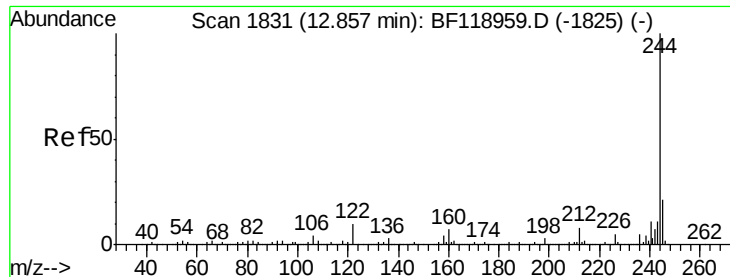
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119232.D
Acq: 6 Mar 2020 00:58

Tgt Ion:240 Resp: 395756
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.9 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



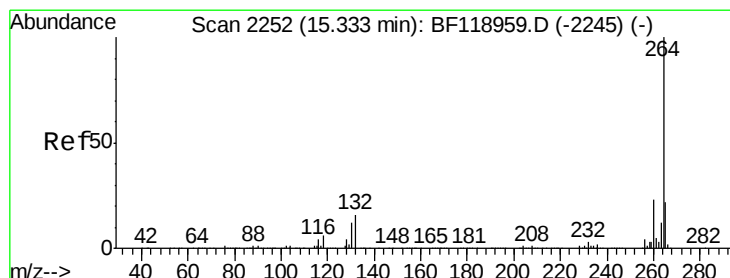
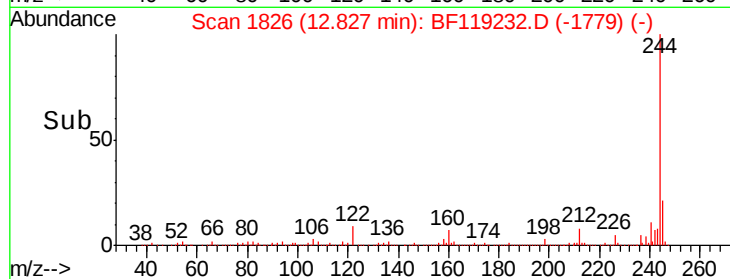
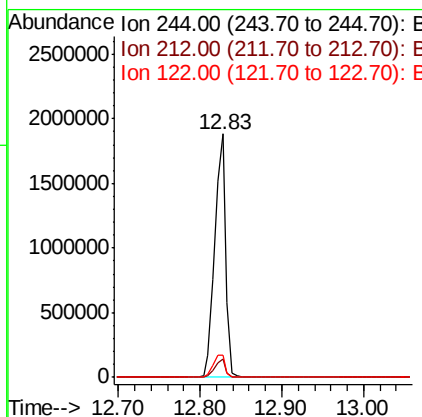
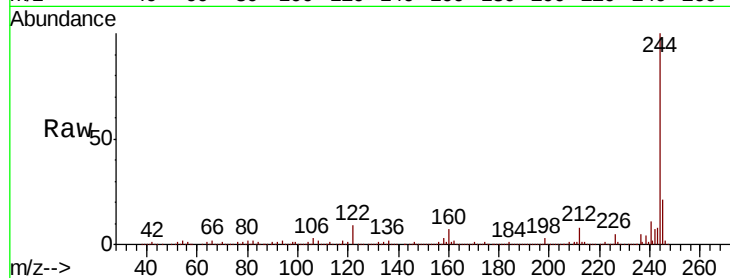


#79
 Terphenyl-d14
 Concen: 76.908 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119232.D
 Acq: 6 Mar 2020 00:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1767867

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	9.2	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119232.D
 Acq: 6 Mar 2020 00:58

Tgt Ion:264 Resp: 340242

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.6	17.7	26.5

