

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119225.D
 Acq On : 5 Mar 2020 21:32
 Operator : CG/JU
 Sample : PB127261TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:29:32 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

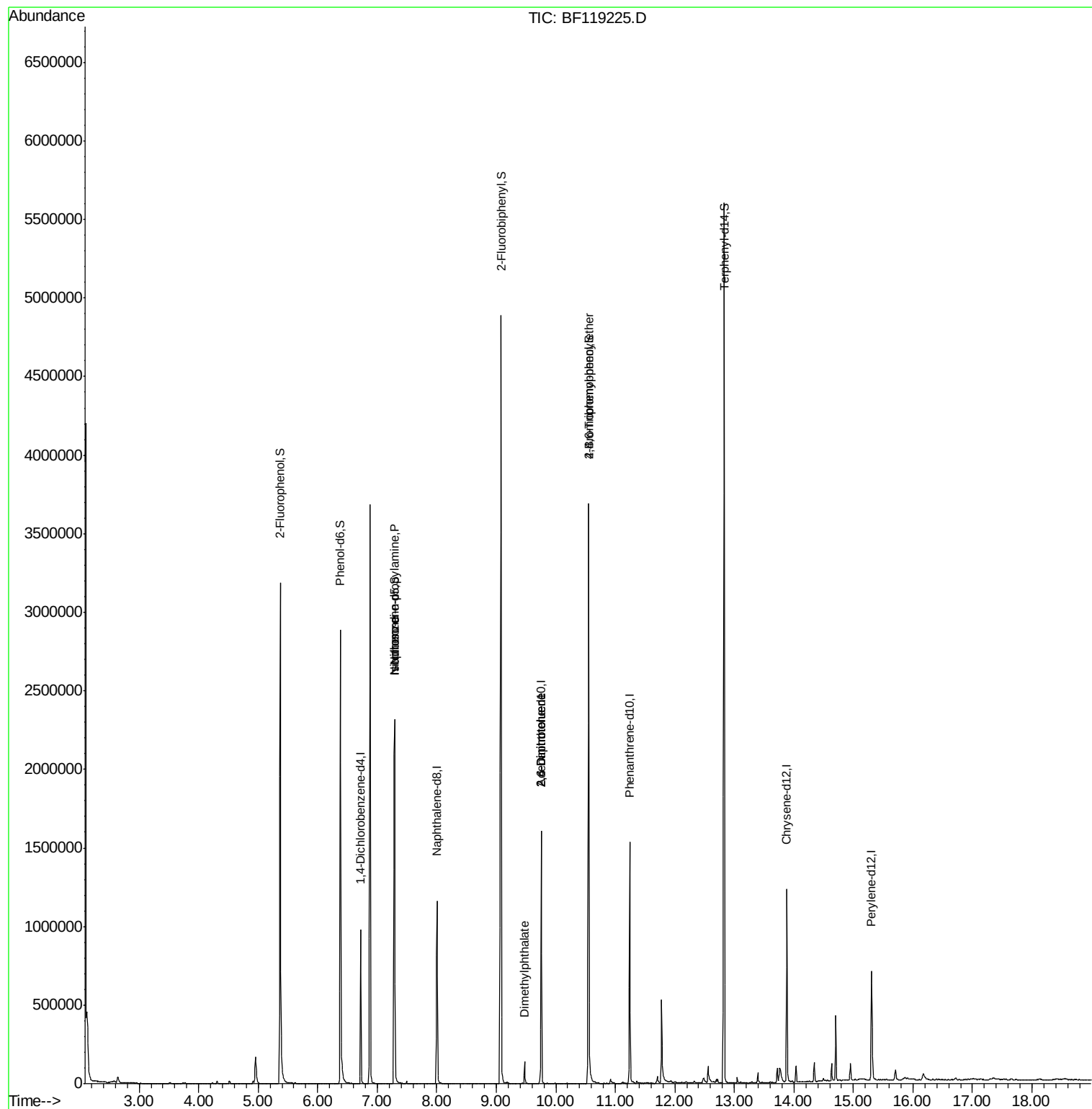
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153864	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	603410	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	340045	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	630530	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	405438	20.00	ng	-0.02
87) Perylene-d12	15.30	264	312043	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1040591	113.02	ng	0.00
7) Phenol-d6	6.38	99	1163434	103.90	ng	-0.02
23) Nitrobenzene-d5	7.29	82	939473	82.21	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	552137	124.12	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1876070	81.28	ng	-0.03
79) Terphenyl-d14	12.83	244	2328911	98.90	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	131853	20.208	ng	# 74
25) Isophorone	7.29	82	935788	47.149	ng	# 63
50) Dimethylphthalate	9.47	163	66991	2.576	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	43465	7.524	ng	# 32
57) 2,4-Dinitrotoluene	9.76	165	43465	5.805	ng	# 20
67) 4-Bromophenyl-phenylether	10.55	248	36953	4.484	ng	# 1

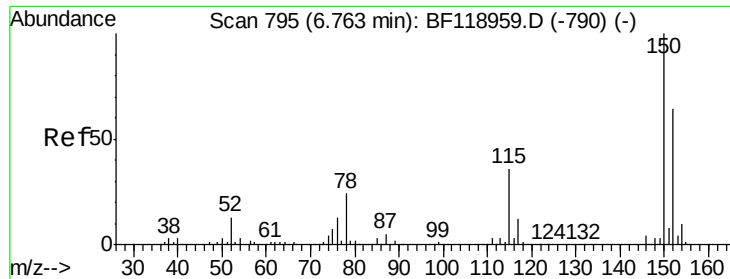
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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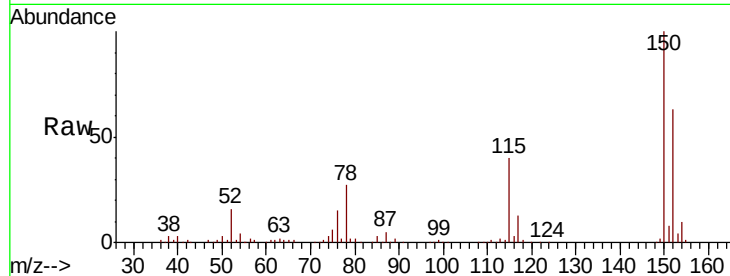


#1

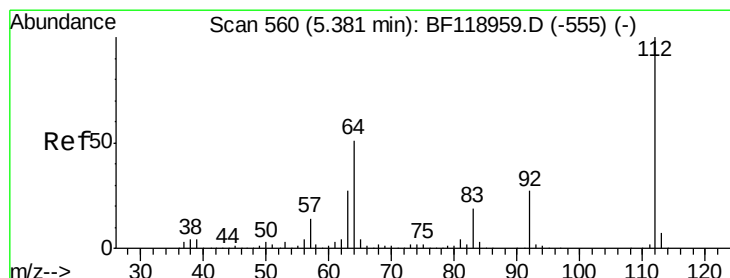
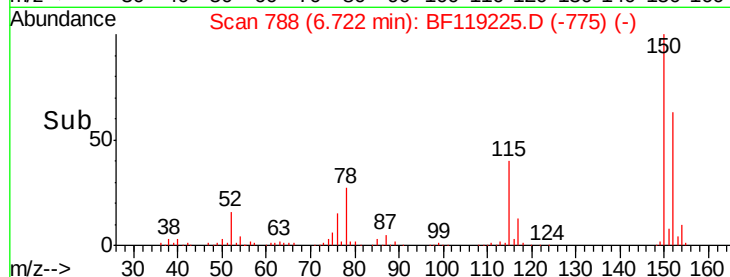
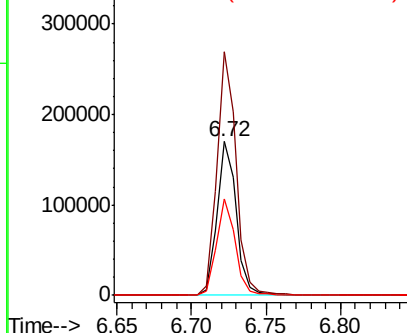
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119225.D
Acq: 5 Mar 2020 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153864
Ion Ratio Lower Upper
152 100
150 158.5 123.0 184.6
115 63.2 49.5 74.3



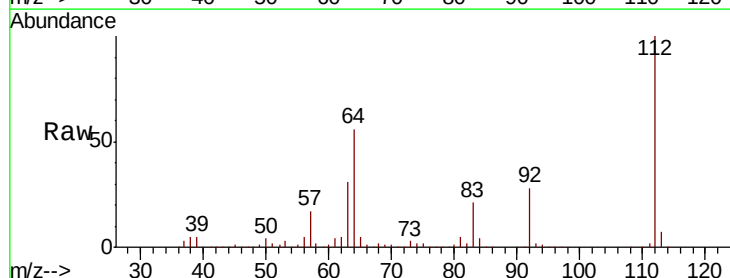
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



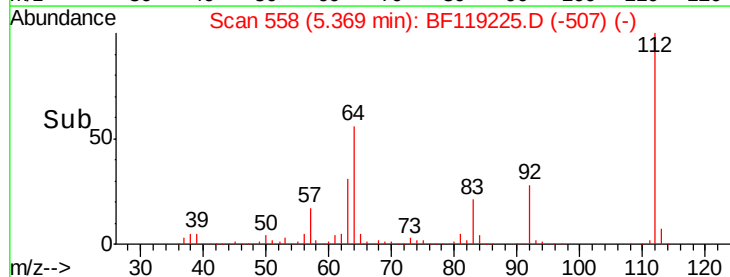
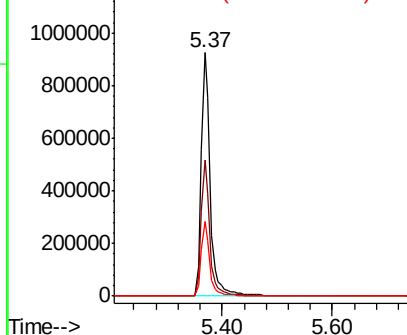
#5

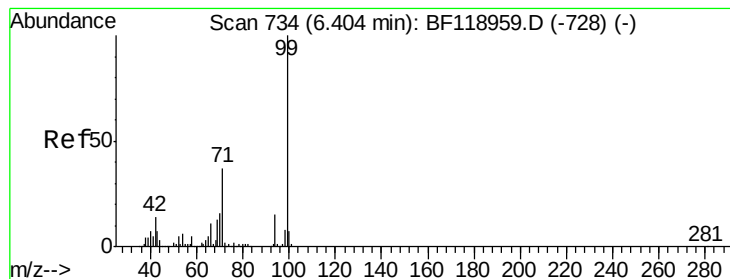
2-Fluorophenol
Concen: 113.023 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119225.D
Acq: 5 Mar 2020 21:32

Tgt Ion:112 Resp: 1040591
Ion Ratio Lower Upper
112 100
64 56.1 45.0 67.4
63 30.5 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: 103.903 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119225.D

Acq: 5 Mar 2020 21:32

Instrument :

BNA_F

ClientSampled :

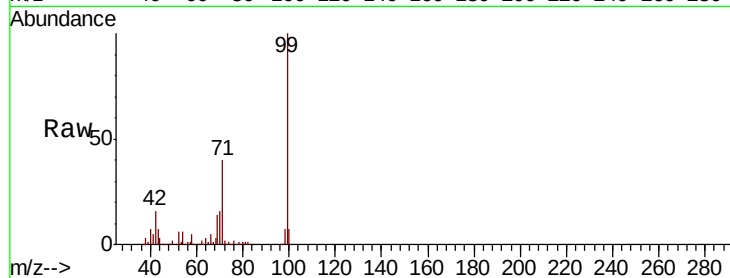
Tot Ion: 99 Resp: 1163434

Ion Ratio Lower Upper

99 100

42 15.8 12.6 18.8

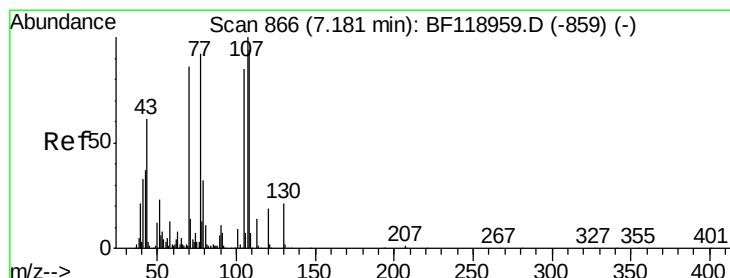
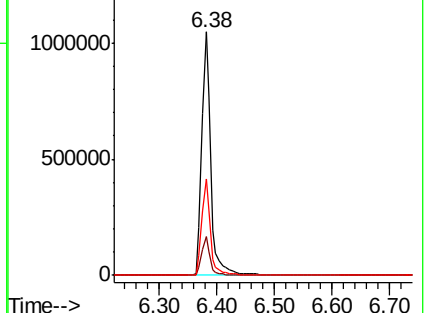
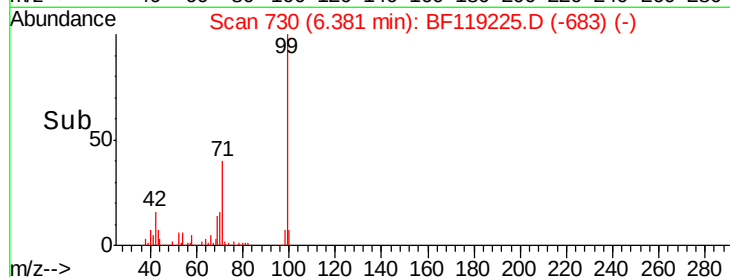
71 39.5 31.0 46.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 20.208 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.12 min

Lab File: BF119225.D

Acq: 5 Mar 2020 21:32

Tgt Ion: 70 Resp: 131853

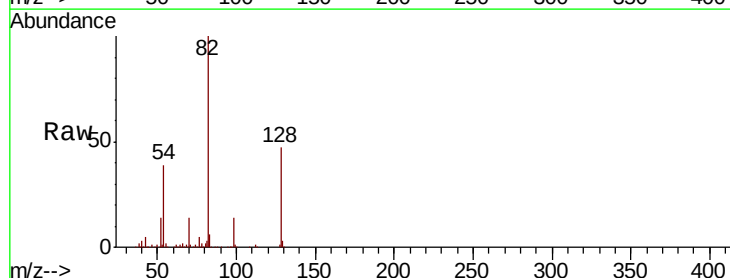
Ion Ratio Lower Upper

70 100

42 36.2 38.0 57.0#

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#

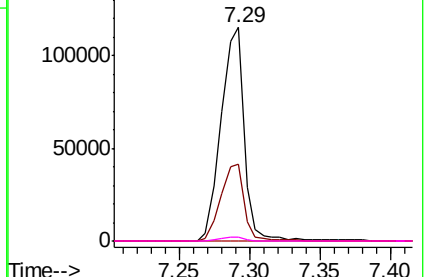
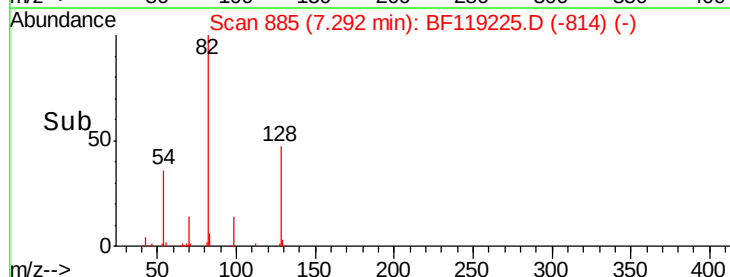


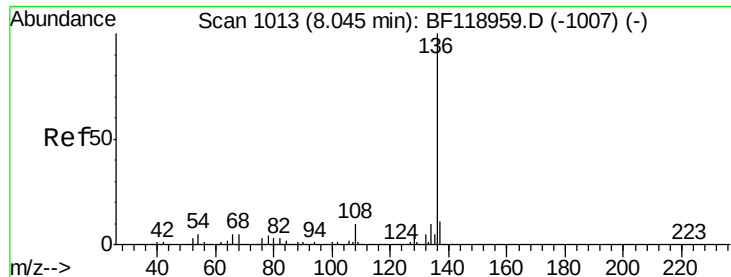
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

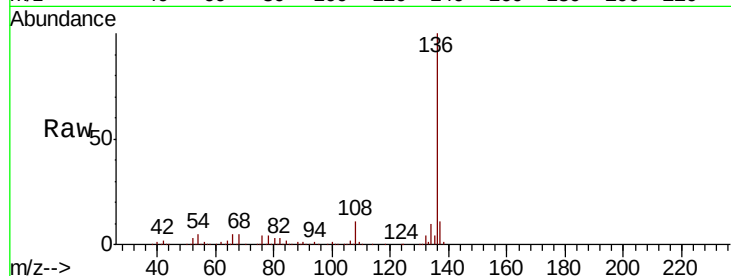




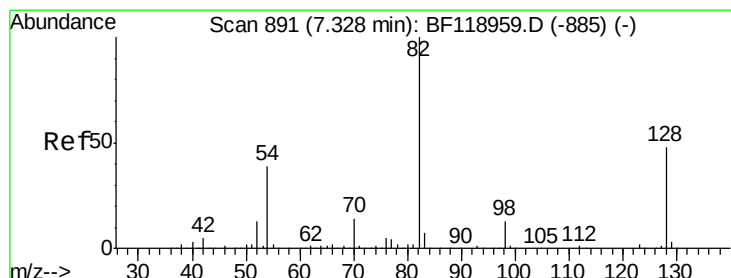
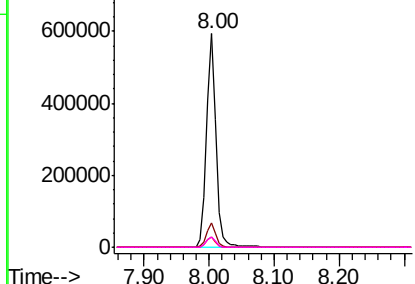
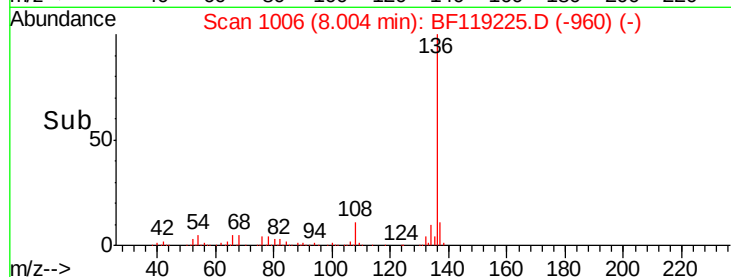
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119225.D
Acq: 5 Mar 2020 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 603410
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 5.1	3.8 5.6
68 5.1	3.9 5.9

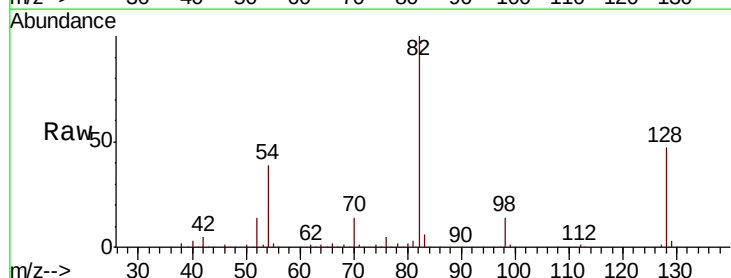


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

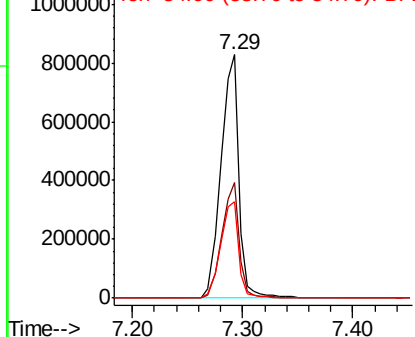
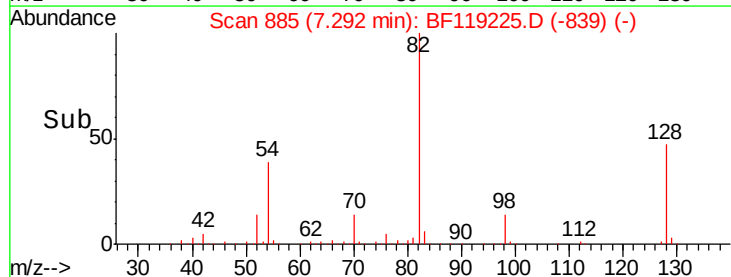


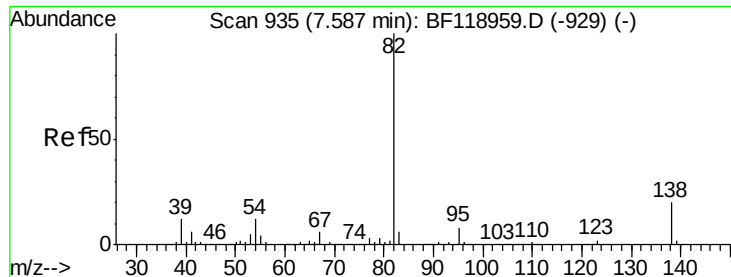
#23
Nitrobenzene-d5
Concen: 82.206 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119225.D
Acq: 5 Mar 2020 21:32

Tgt	Ion: 82	Resp:	939473
Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.9	56.9
54	39.5	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: 47.149 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.29 min

Lab File: BF119225.D

Acq: 5 Mar 2020 21:32

Instrument :

BNA_F

ClientSampleId :

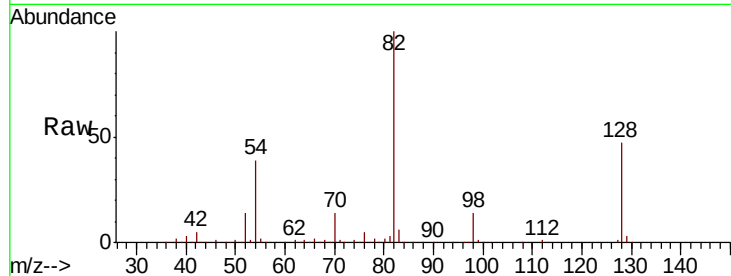
Tot Ion: 82 Resp: 935788

Ion Ratio Lower Upper

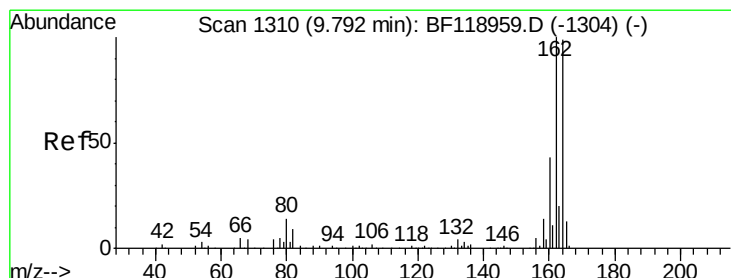
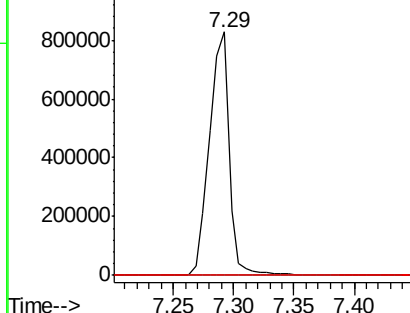
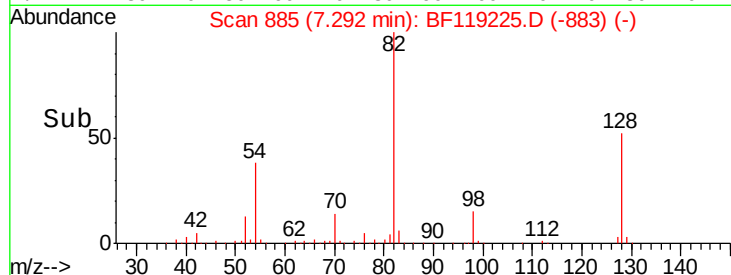
82 100

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# 1304

Delta R.T. -0.03 min

Lab File: BF119225.D

Acq: 5 Mar 2020 21:32

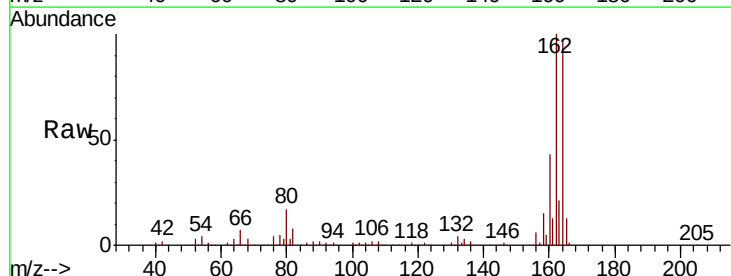
Tgt Ion: 164 Resp: 340045

Ion Ratio Lower Upper

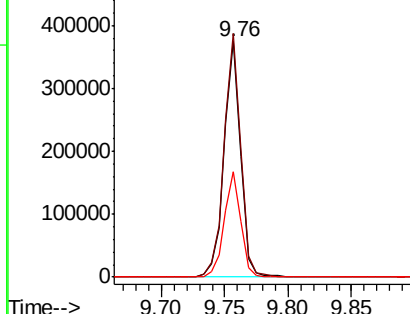
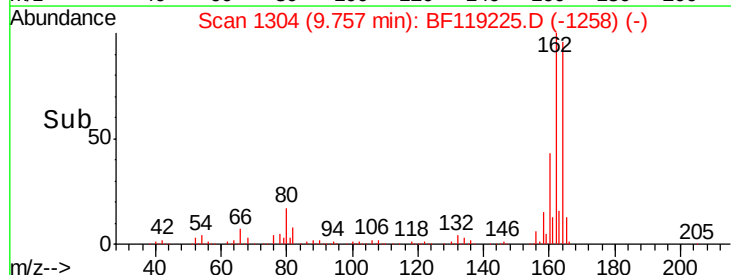
164 100

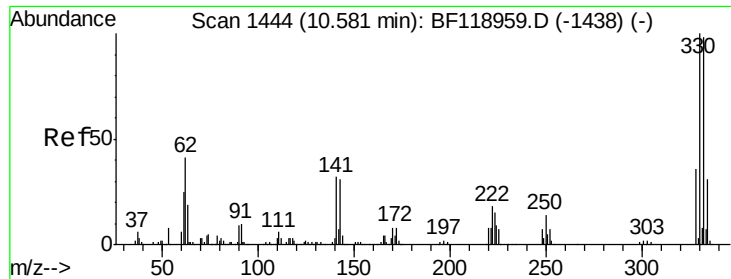
162 103.3 81.8 122.8

160 44.7 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

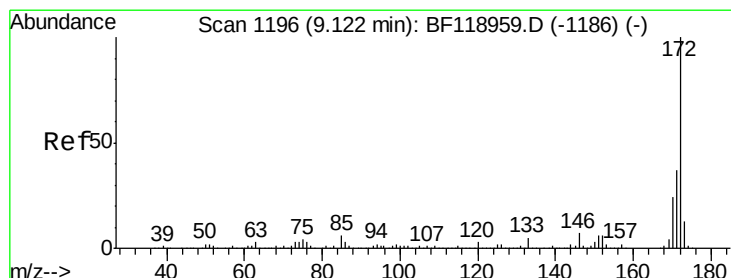
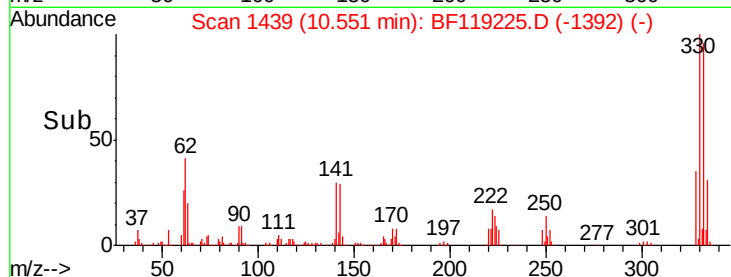
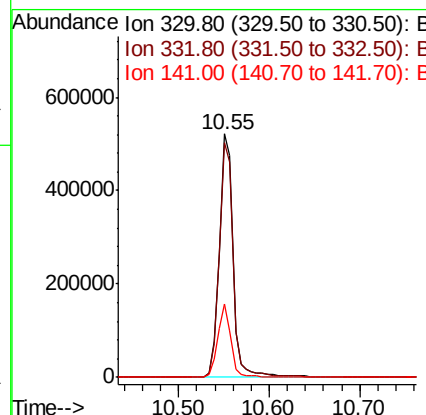
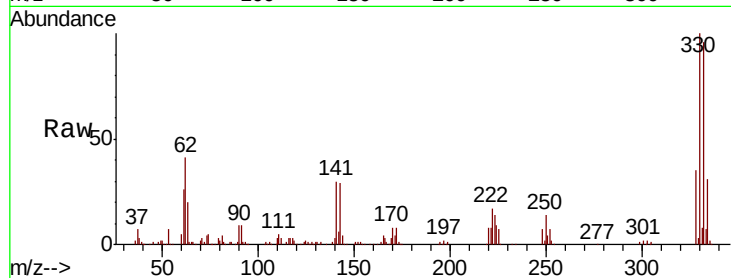




#42
 2,4,6-Tribromophenol
 Concen: 124.121 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119225.D
 Acq: 5 Mar 2020 21:32

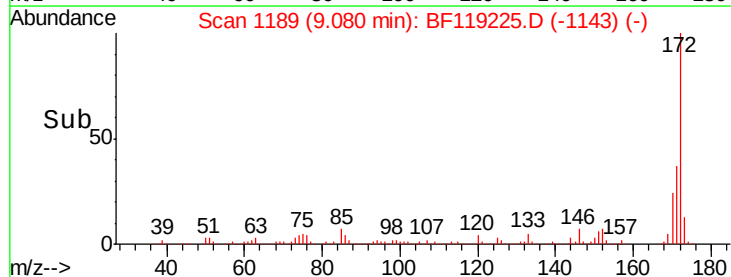
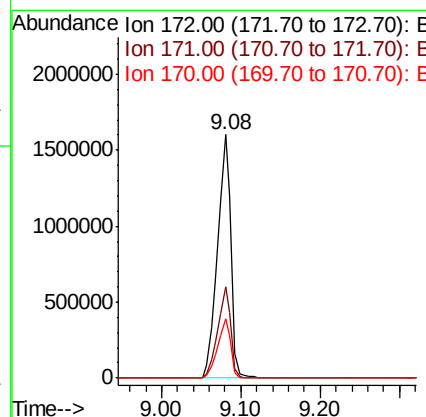
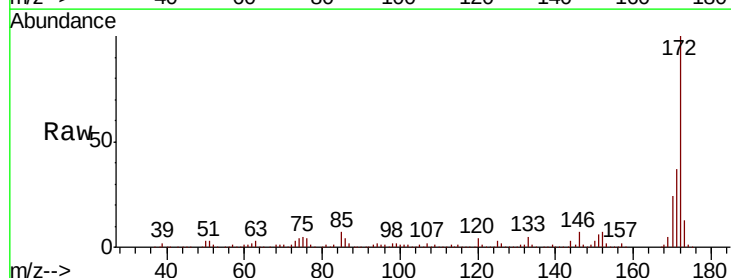
Instrument :
 BNA_F
 ClientSampleId :

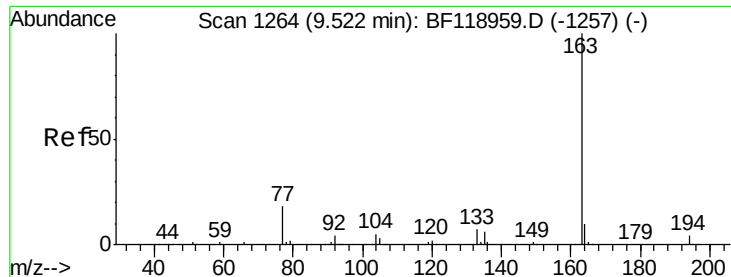
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.0	114.0
141	29.1	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 81.277 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119225.D
 Acq: 5 Mar 2020 21:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	45.8
170	24.2	20.2	30.2

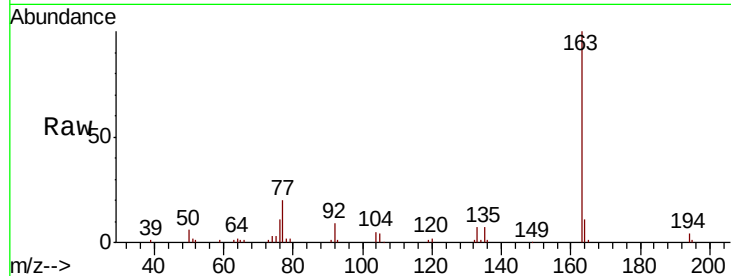




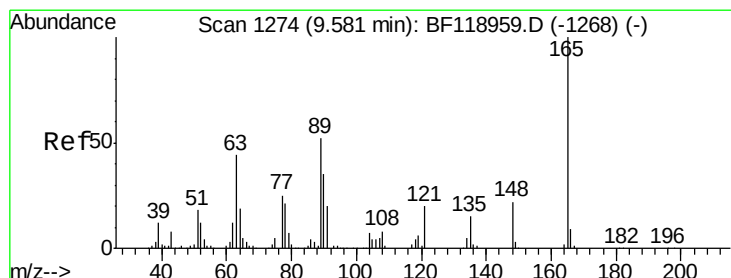
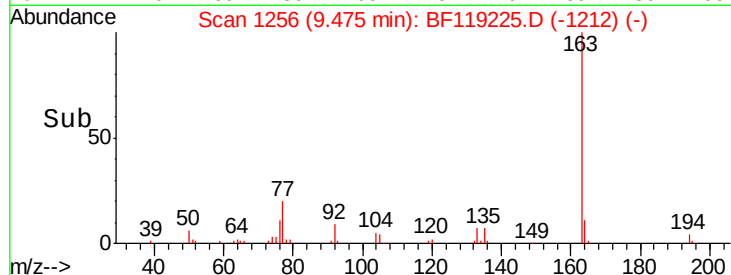
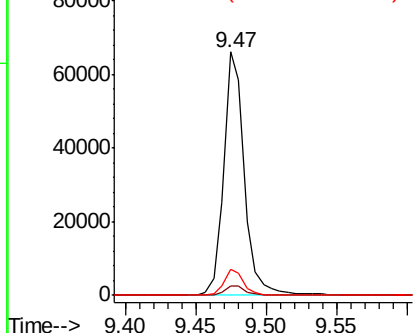
#50
Dimethylphthalate
Concen: 2.576 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF119225.D
Acq: 5 Mar 2020 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 66991
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.7 8.4 12.6

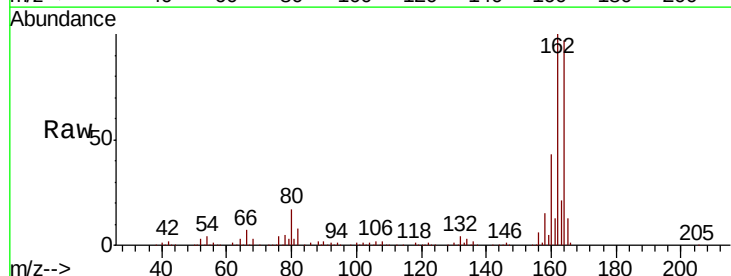


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

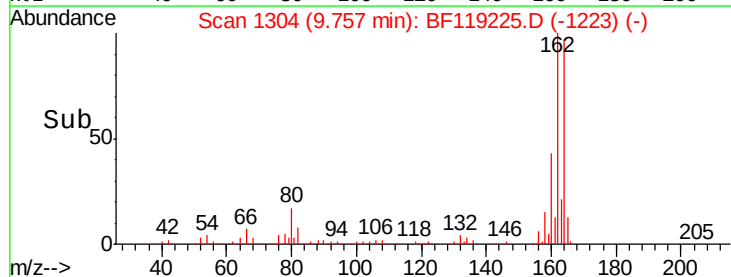
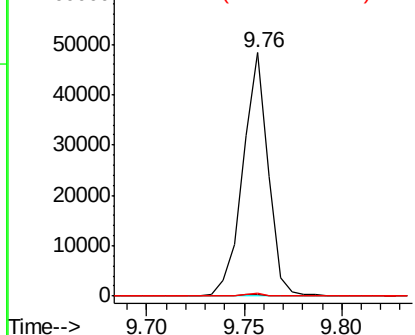


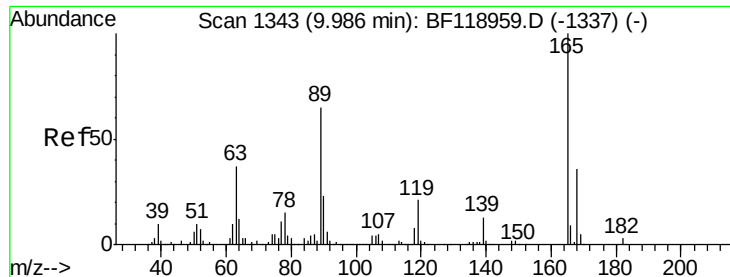
#51
2,6-Dinitrotoluene
Concen: 7.524 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.18 min
Lab File: BF119225.D
Acq: 5 Mar 2020 21:32

Tgt Ion:165 Resp: 43465
Ion Ratio Lower Upper
165 100
63 0.9 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

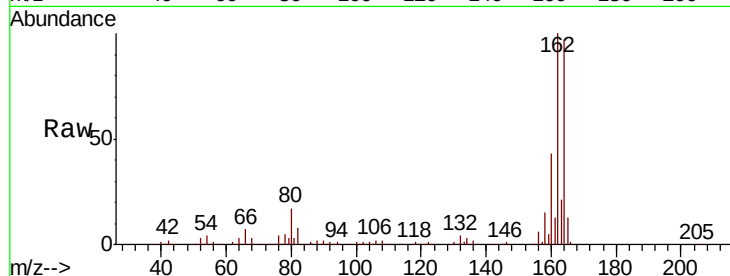




#57
 2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.23 min
 Lab File: BF119225.D
 Acq: 5 Mar 2020 21:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.3	63.5#
89	1.3	60.2	90.4#
182	0.0	2.3	3.5#

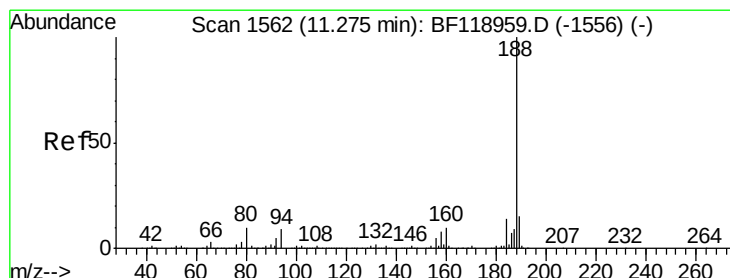
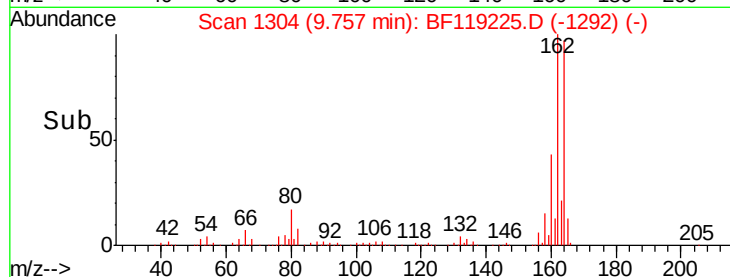
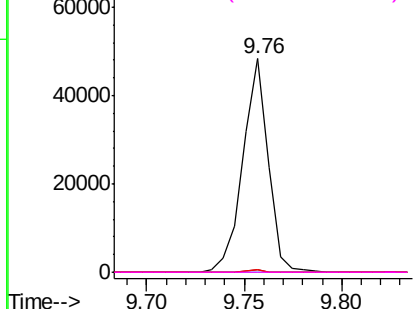


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

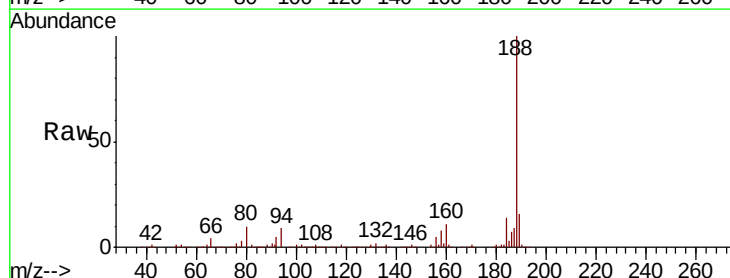
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BF119225.D
 Acq: 5 Mar 2020 21:32

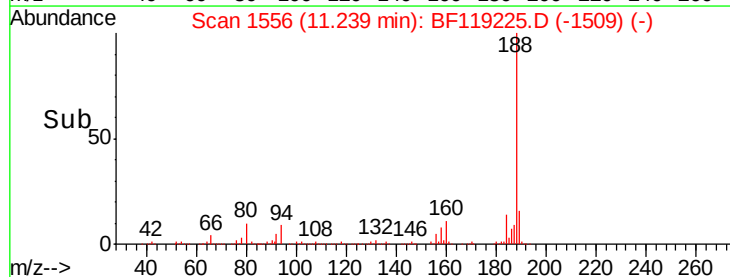
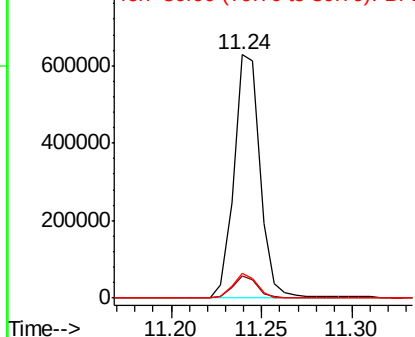
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.2	7.8	11.8

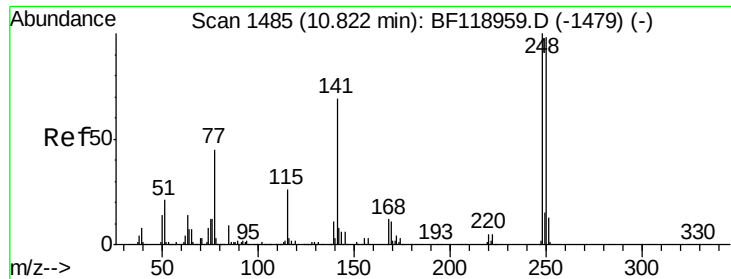


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

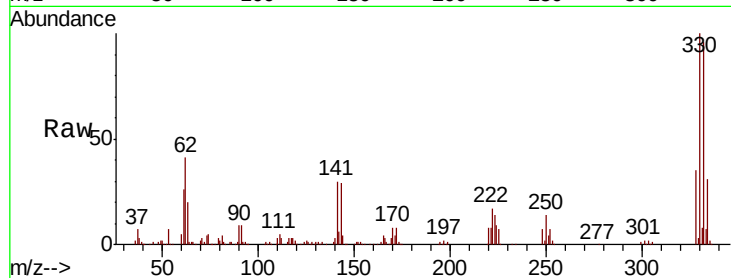




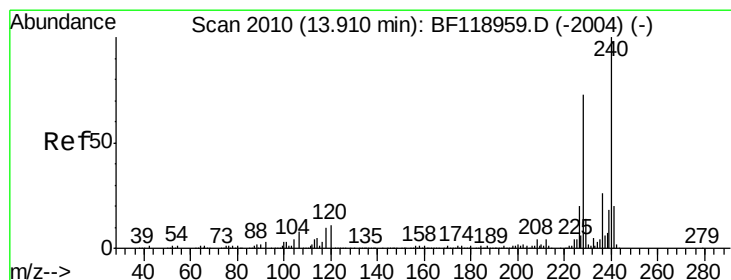
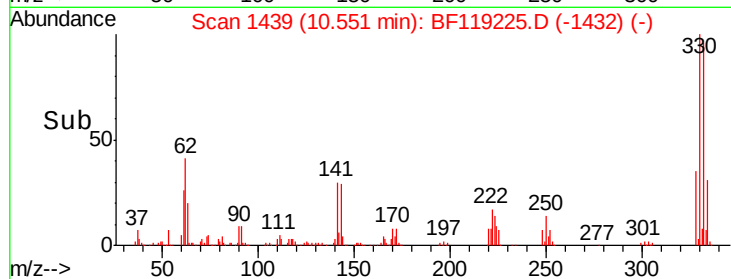
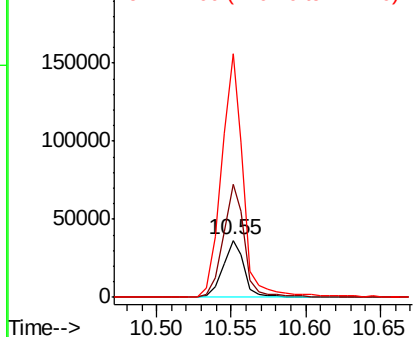
#67
4-Bromophenyl-phenylether
Concen: 4.484 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119225.D
Acq: 5 Mar 2020 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 36953
Ion Ratio Lower Upper
248 100
250 198.4 76.7 115.1#
141 424.9 60.7 91.1#

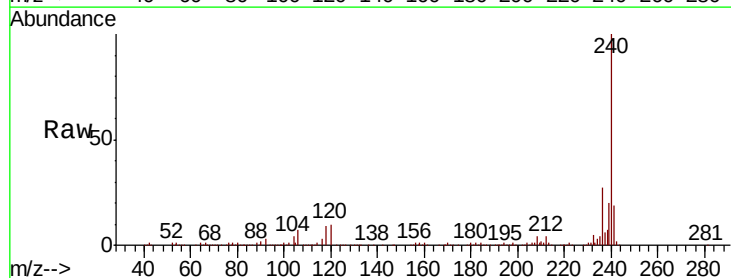


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

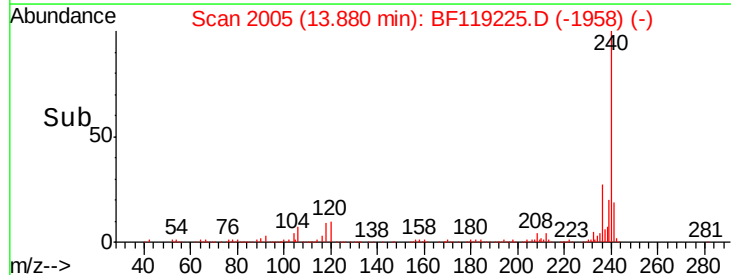
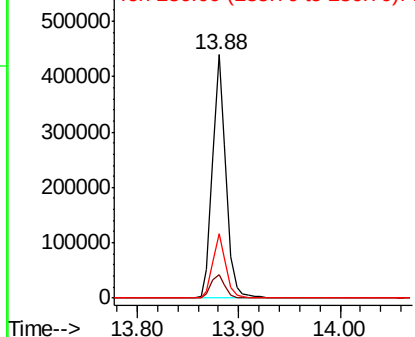


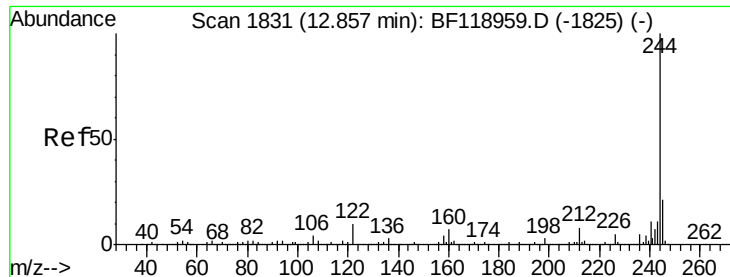
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119225.D
Acq: 5 Mar 2020 21:32

Tgt Ion:240 Resp: 405438
Ion Ratio Lower Upper
240 100
120 9.7 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

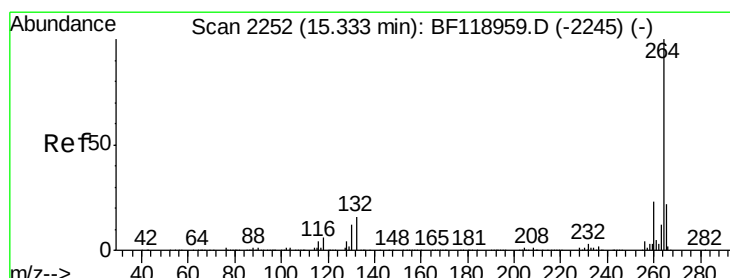
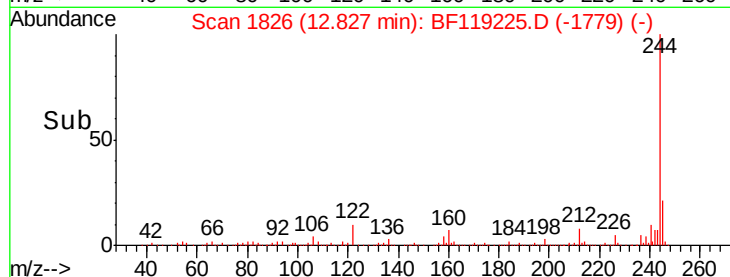
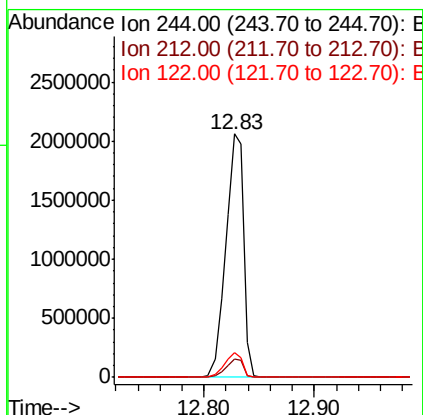
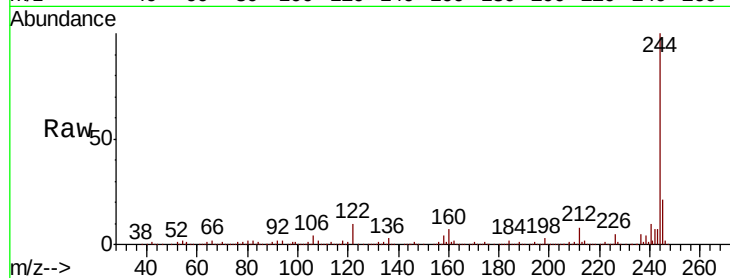




#79
 Terphenyl-d14
 Concen: 98.896 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119225.D
 Acq: 5 Mar 2020 21:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2328911
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 10.4 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: BF119225.D
 Acq: 5 Mar 2020 21:32

Tgt Ion:264 Resp: 312043
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.3 17.7 26.5

