

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119245.D
 Acq On : 6 Mar 2020 8:15
 Operator : CG/JU
 Sample : L1775-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 12:54:25 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

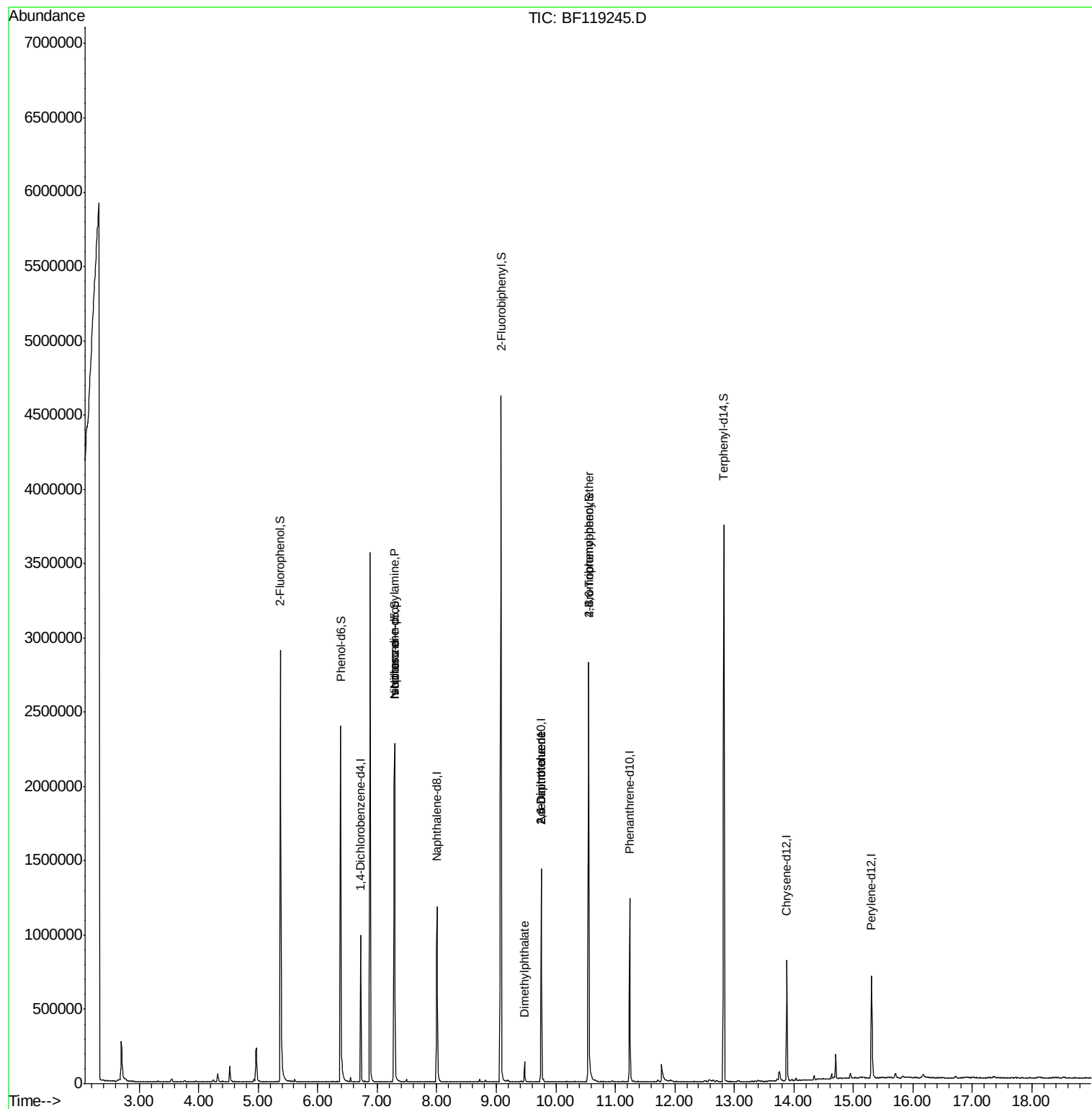
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153140	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	587216	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	306080	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	490421	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	276020	20.00	ng	-0.02
87) Perylene-d12	15.30	264	331955	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	941581	102.75	ng	0.00
7) Phenol-d6	6.39	99	1012593	90.86	ng	-0.02
23) Nitrobenzene-d5	7.29	82	863704	77.66	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	408099	101.92	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1679275	80.82	ng	-0.03
79) Terphenyl-d14	12.82	244	1434403	89.47	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	122634	18.884	ng	# 75
25) Isophorone	7.29	82	863693	44.717	ng	# 63
50) Dimethylphthalate	9.47	163	63871	2.729	ng	# 98
51) 2,6-Dinitrotoluene	9.76	165	38865	7.474	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	38865	5.766	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	26802	4.181	ng	# 1

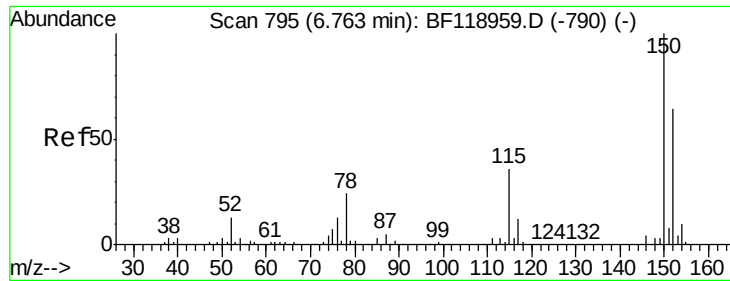
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
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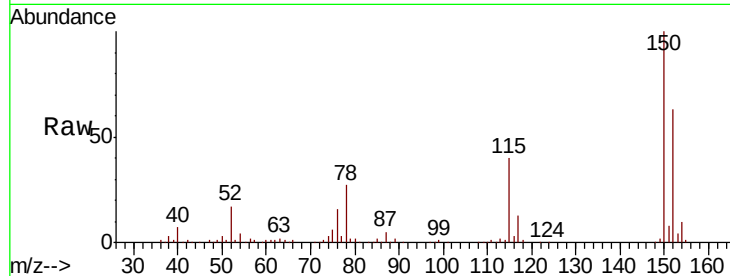


#1

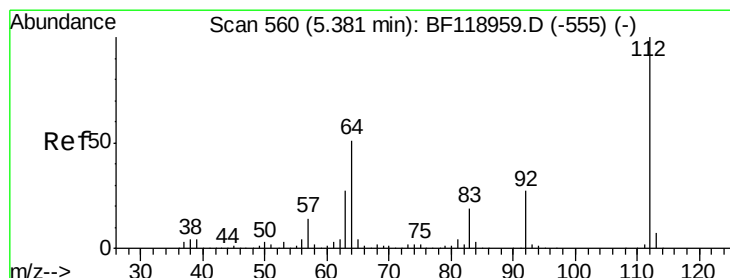
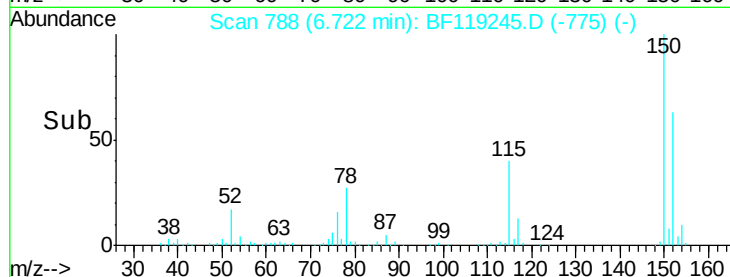
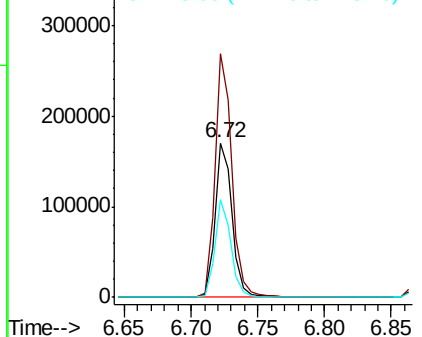
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119245.D
Acq: 6 Mar 2020 8:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153140
Ion Ratio Lower Upper
152 100
150 157.7 123.0 184.6
115 63.6 49.5 74.3



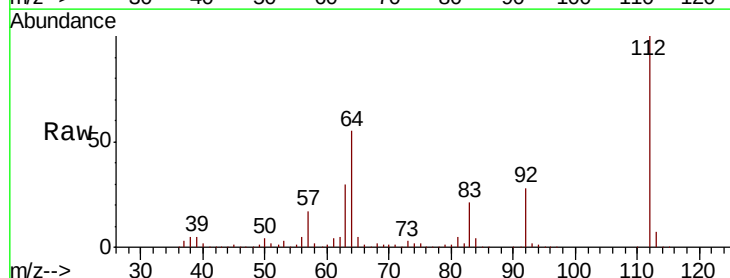
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



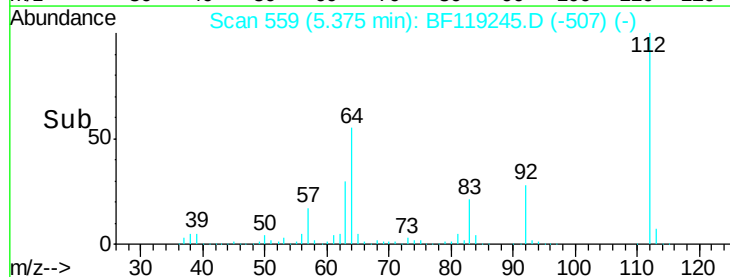
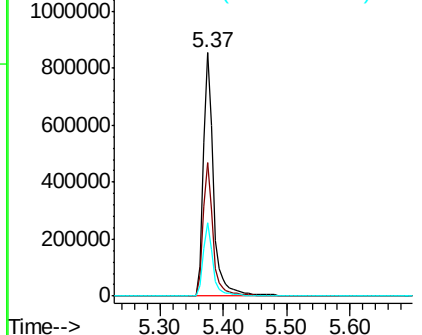
#5

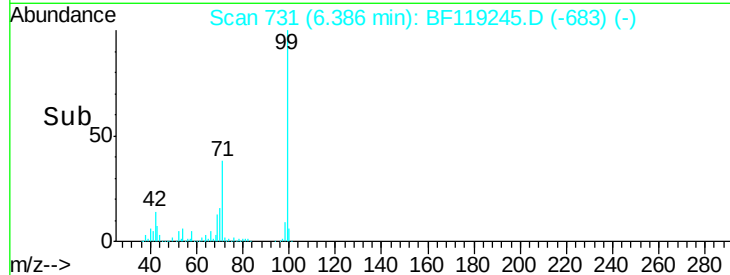
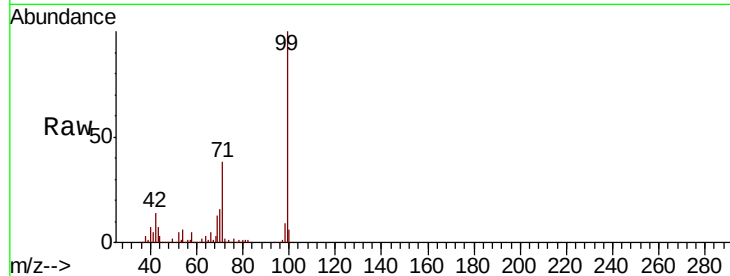
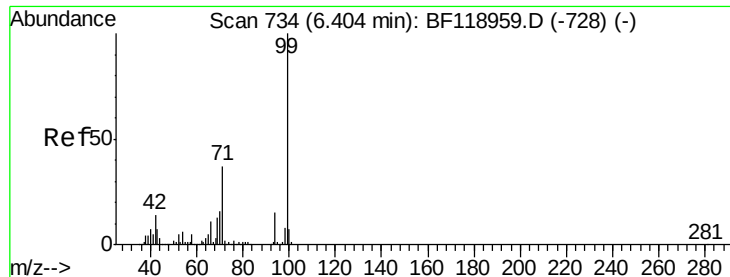
2-Fluorophenol
Concen: 102.752 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119245.D
Acq: 6 Mar 2020 8:15

Tgt Ion:112 Resp: 941581
Ion Ratio Lower Upper
112 100
64 55.0 45.0 67.4
63 29.9 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

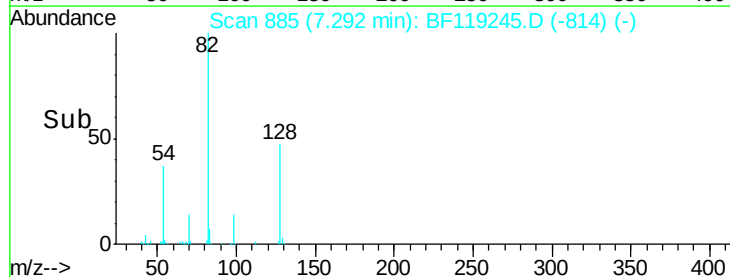
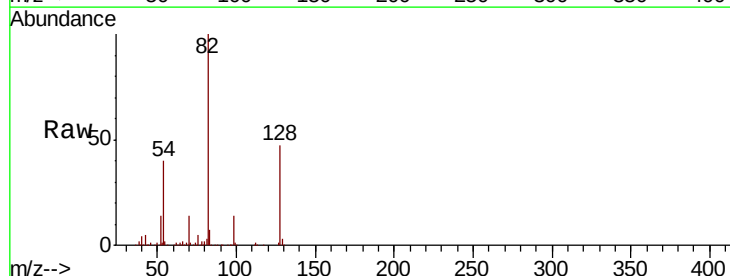
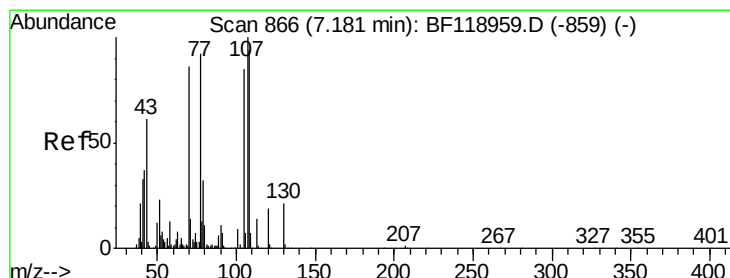
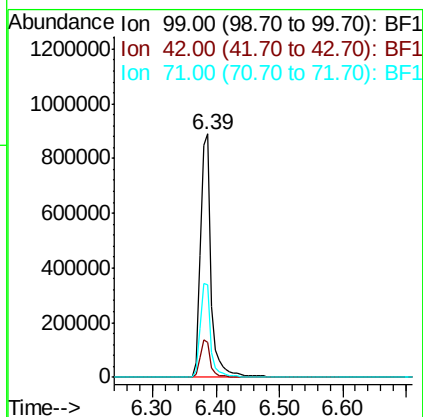




#7
Phenol-d6
Concen: 90.859 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF119245.D
Acq: 6 Mar 2020 8:15

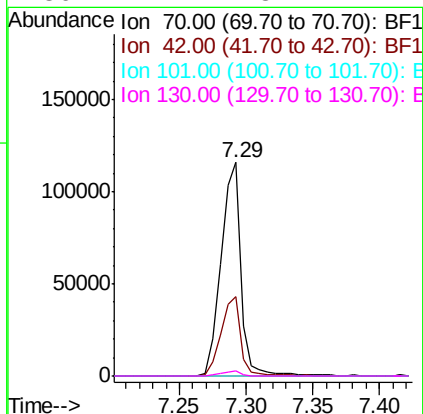
Instrument :
BNA_F
ClientSampled :

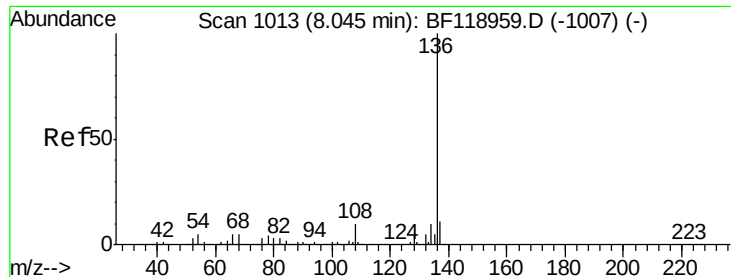
Tot Ion: 99 Resp: 1012593
Ion Ratio Lower Upper
99 100
42 14.4 12.6 18.8
71 37.9 31.0 46.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.884 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.12 min
Lab File: BF119245.D
Acq: 6 Mar 2020 8:15

Tgt Ion: 70 Resp: 122634
Ion Ratio Lower Upper
70 100
42 37.2 38.0 57.0#
101 0.0 8.2 12.4#
130 2.1 18.2 27.4#

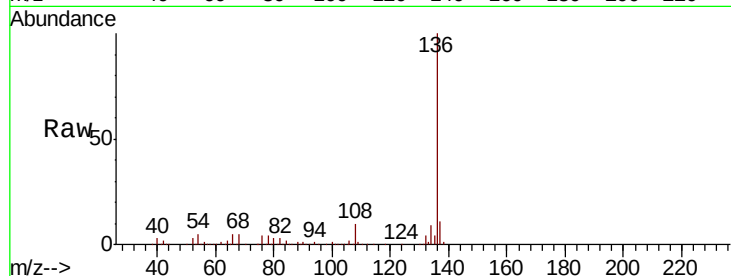




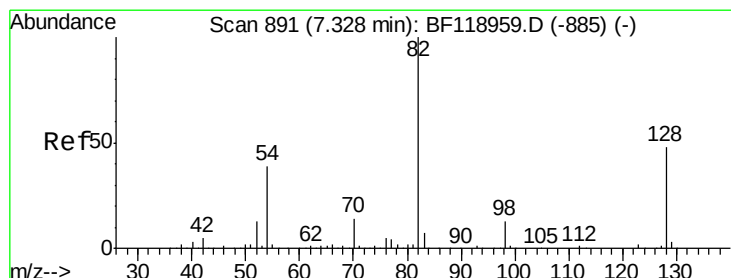
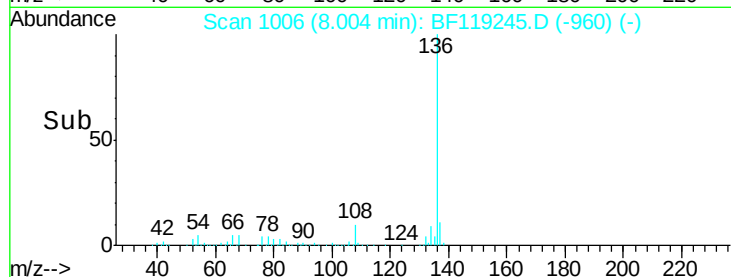
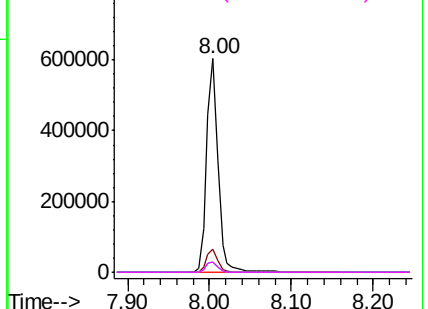
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119245.D
Acq: 6 Mar 2020 8:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	587216
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	5.0	3.8 5.6
68	5.1	3.9 5.9

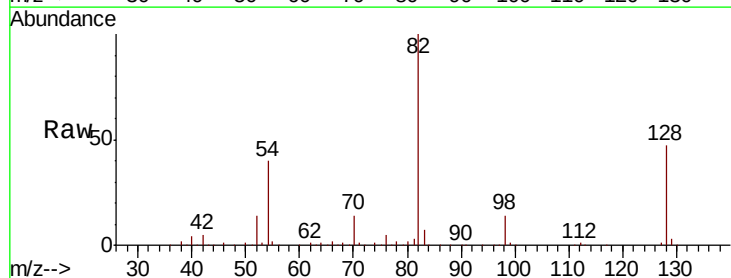


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

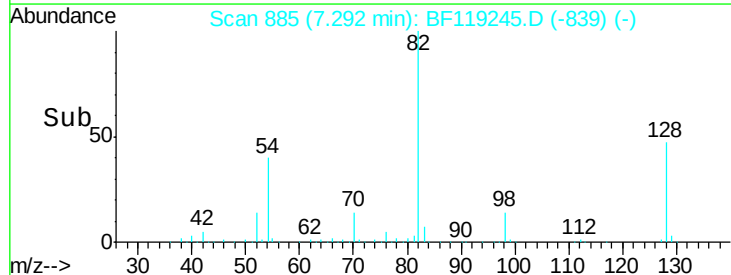
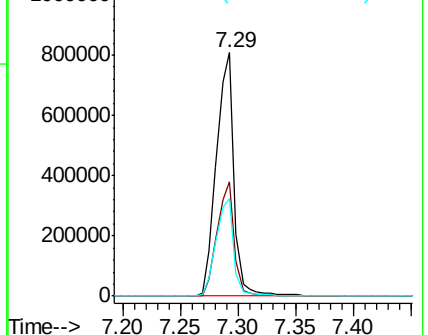


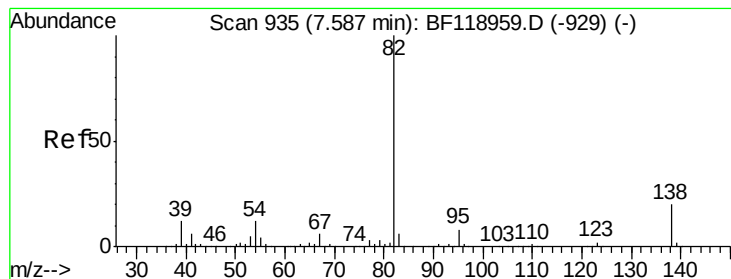
#23
Nitrobenzene-d5
Concen: 77.661 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119245.D
Acq: 6 Mar 2020 8:15

Tgt Ion: 82	Resp:	863704
Ion Ratio	Lower	Upper
82	100	
128	46.9	37.9 56.9
54	39.9	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: 44.717 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.29 min

Lab File: BF119245.D

Acq: 6 Mar 2020 8:15

Instrument :

BNA_F

ClientSampled :

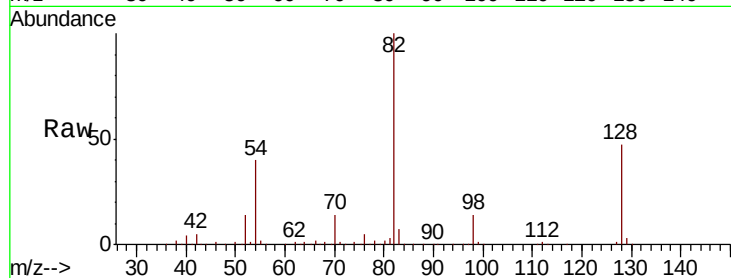
Tot Ion: 82 Resp: 863693

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

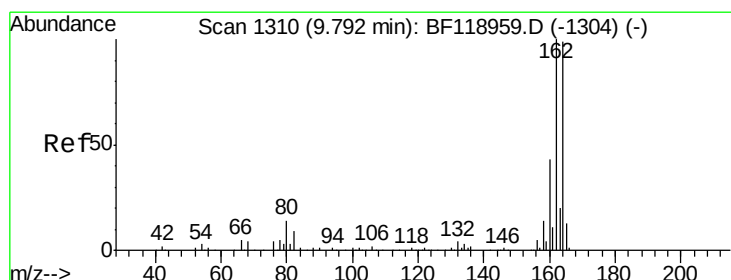
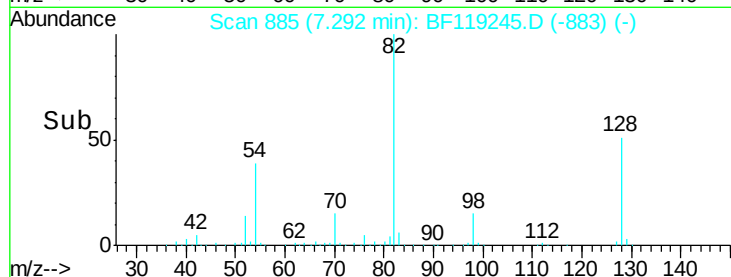
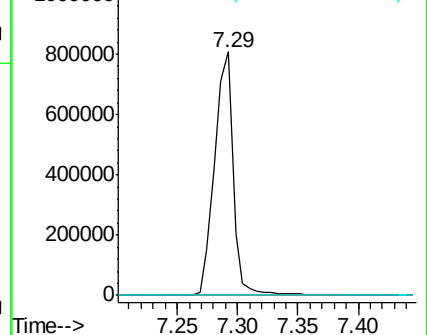
138 0.0 15.7 23.5#



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: BF119245.D

Acq: 6 Mar 2020 8:15

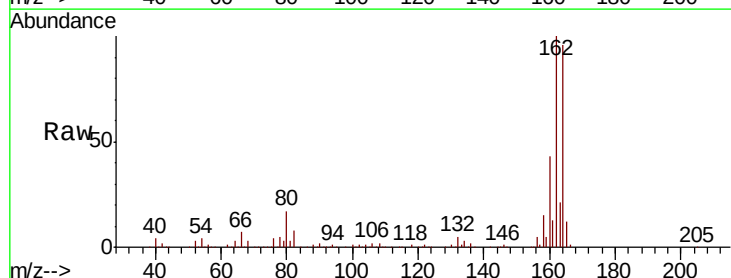
Tgt Ion:164 Resp: 306080

Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.8

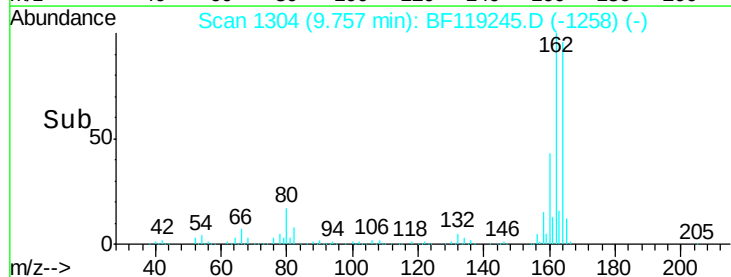
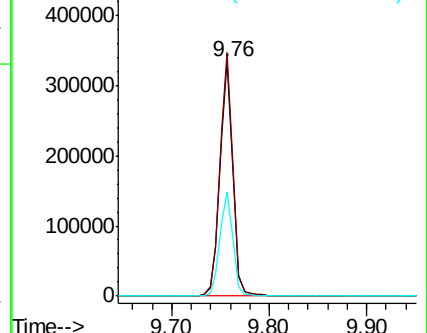
160 44.5 36.0 54.0

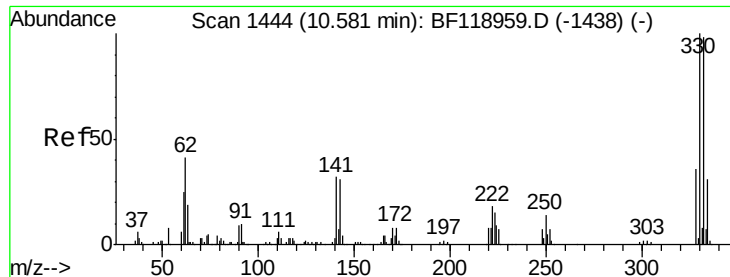


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

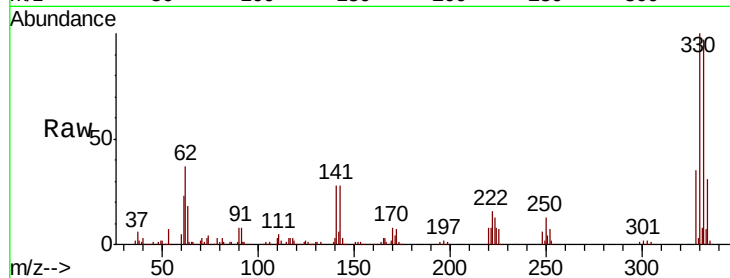




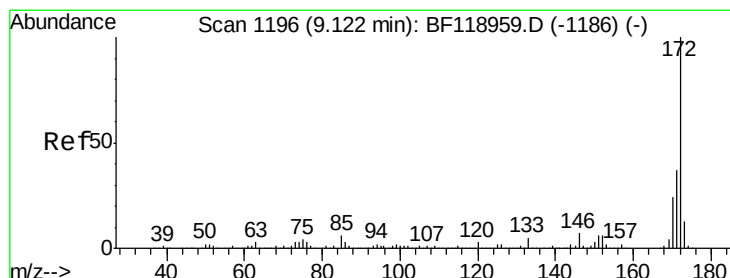
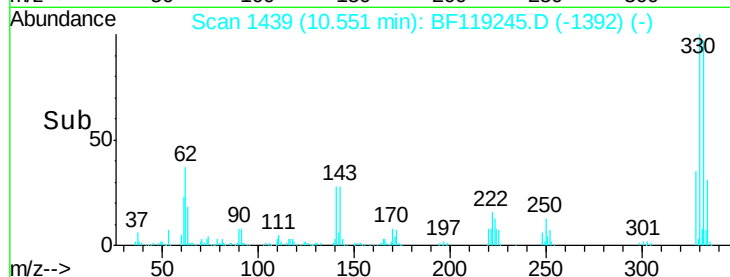
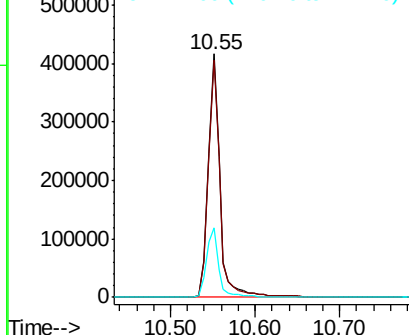
#42
 2,4,6-Tribromophenol
 Concen: 101.922 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119245.D
 Acq: 6 Mar 2020 8:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 408099
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.0 114.0
 141 30.3 22.9 34.3

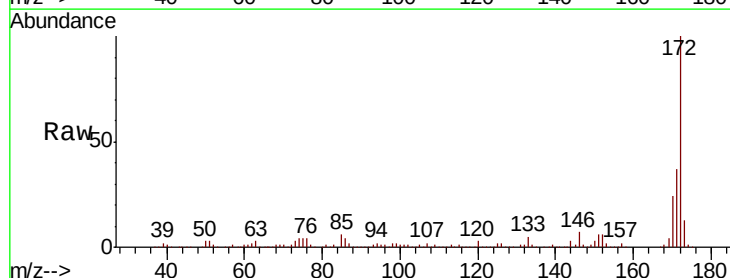


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

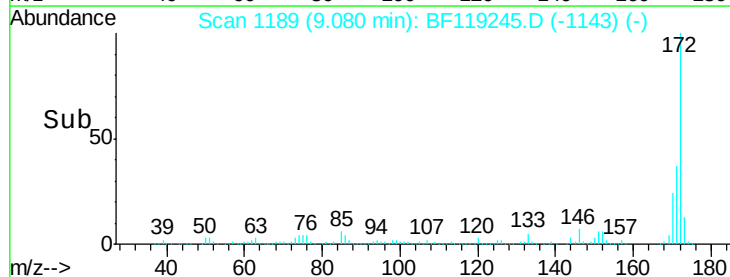
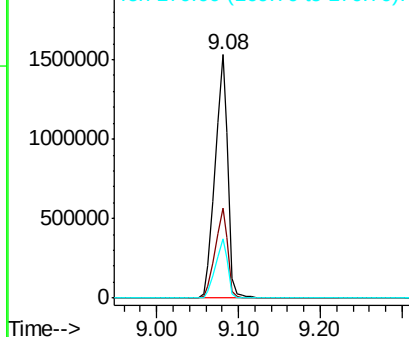


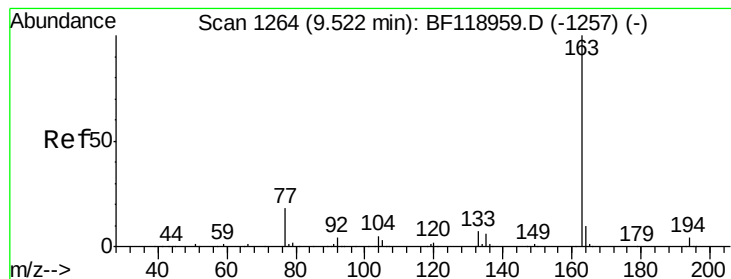
#45
 2-Fluorobiphenyl
 Concen: 80.824 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119245.D
 Acq: 6 Mar 2020 8:15

Tgt Ion:172 Resp: 1679275
 Ion Ratio Lower Upper
 172 100
 171 36.8 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: 2.729 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF119245.D

Acq: 6 Mar 2020 8:15

Instrument :

BNA_F

ClientSampleId :

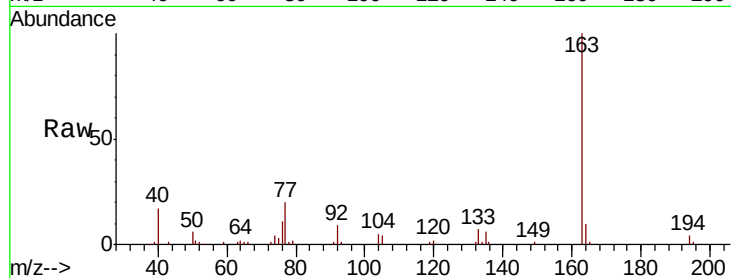
Tot Ion:163 Resp: 63871

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

164 9.9 8.4 12.6

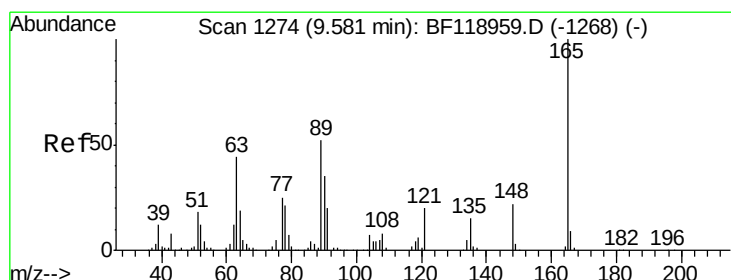
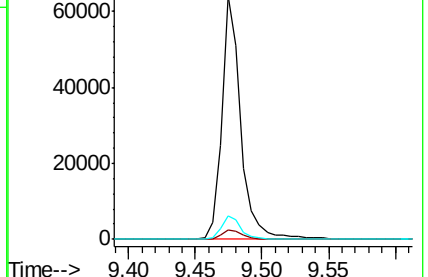
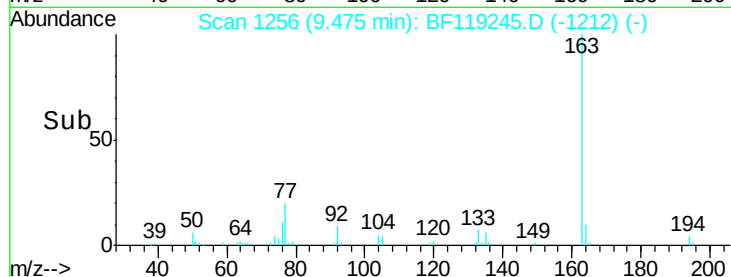


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.47



#51

2,6-Dinitrotoluene

Concen: 7.474 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.18 min

Lab File: BF119245.D

Acq: 6 Mar 2020 8:15

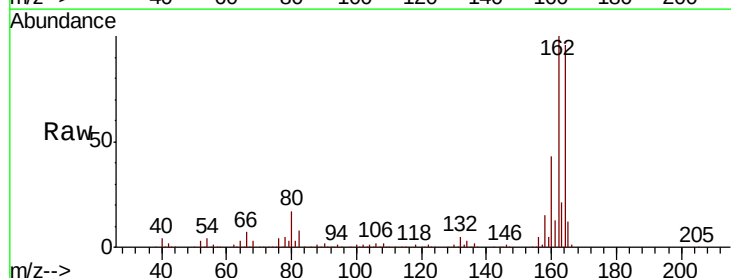
Tgt Ion:165 Resp: 38865

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

89 1.3 38.3 57.5#

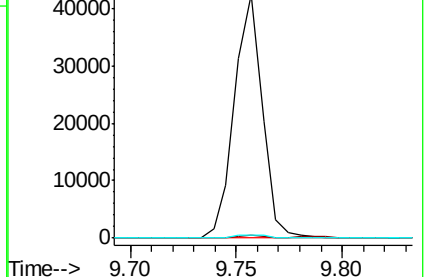
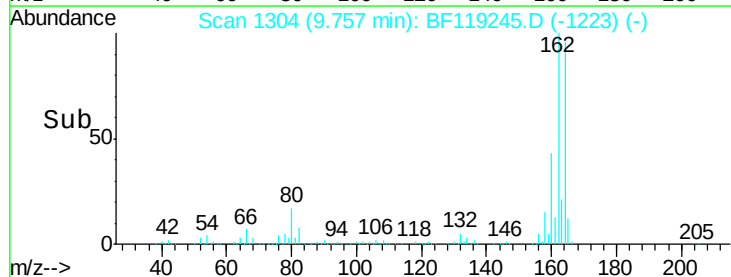


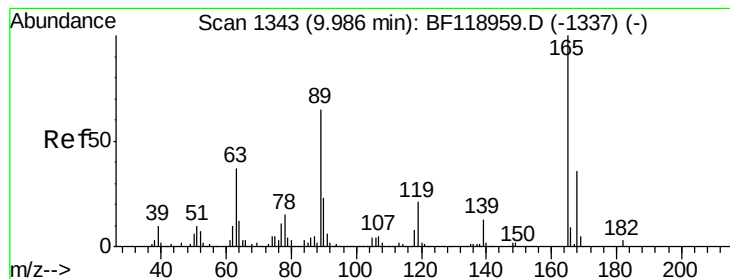
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

9.76





#57

2,4-Dinitrotoluene

Concen: 5.766 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.23 min

Lab File: BF119245.D

Acq: 6 Mar 2020 8:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 38865

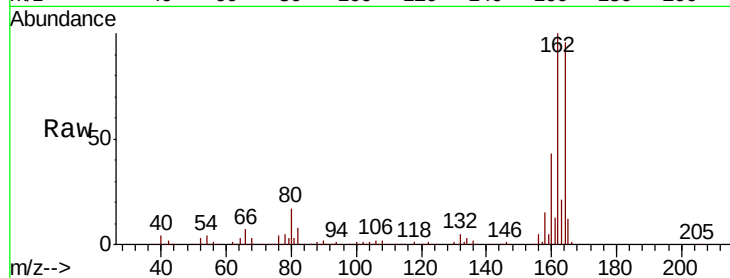
Ion Ratio Lower Upper

165 100

63 1.5 42.3 63.5#

89 1.3 60.2 90.4#

182 0.0 2.3 3.5#

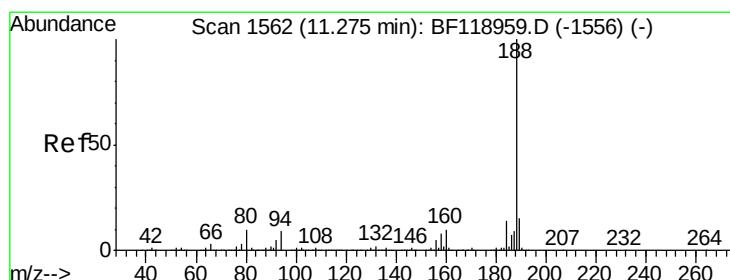
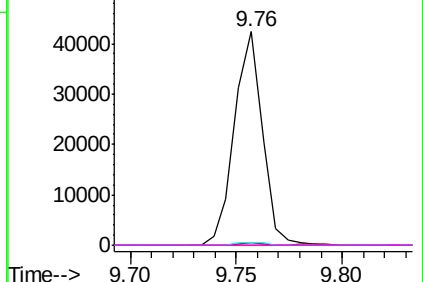
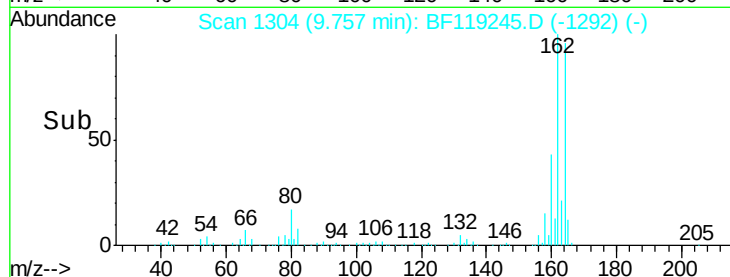


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF119245.D

Acq: 6 Mar 2020 8:15

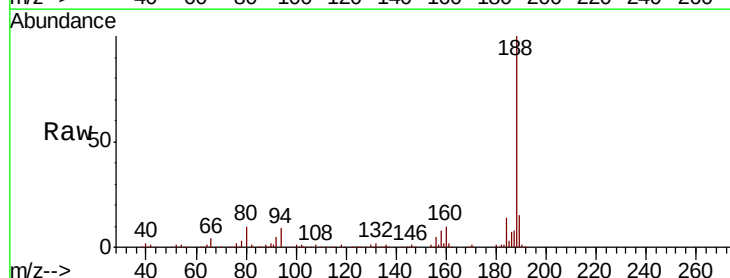
Tgt Ion:188 Resp: 490421

Ion Ratio Lower Upper

188 100

94 9.2 7.1 10.7

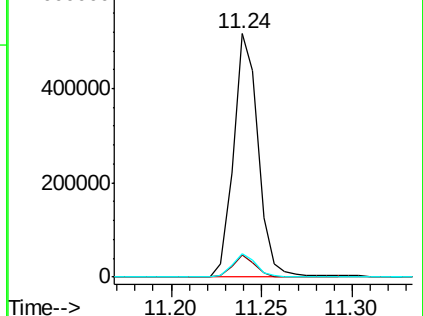
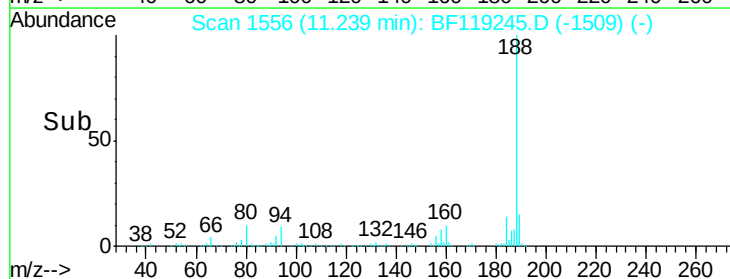
80 9.9 7.8 11.8

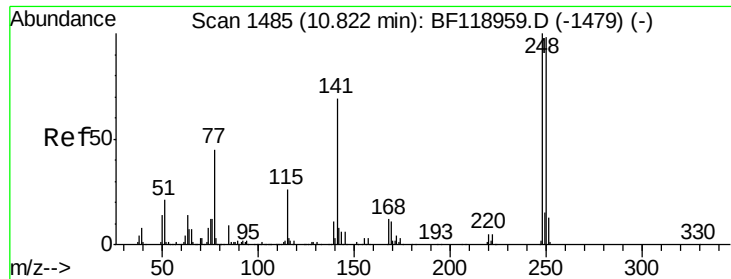


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

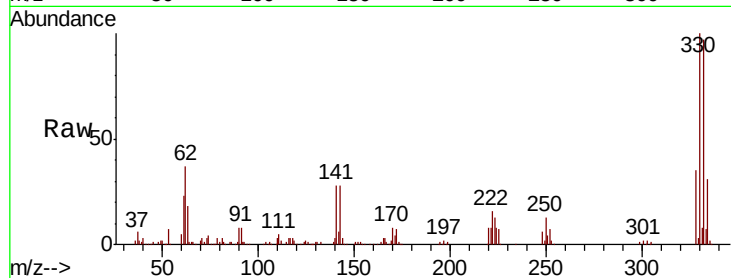




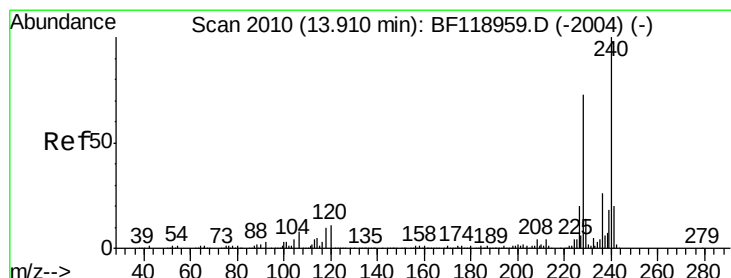
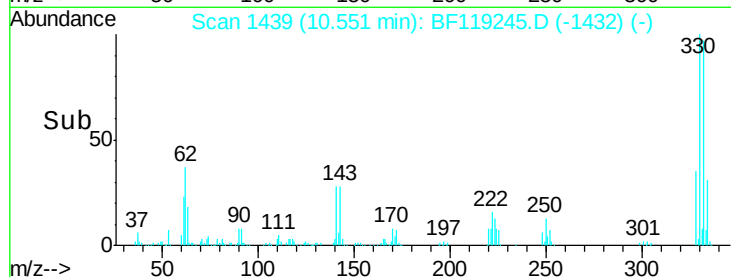
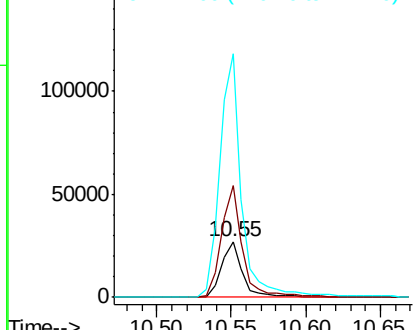
#67
4-Bromophenyl-phenylether
Concen: 4.181 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119245.D
Acq: 6 Mar 2020 8:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 26802
Ion Ratio Lower Upper
248 100
250 201.7 76.7 115.1#
141 437.9 60.7 91.1#

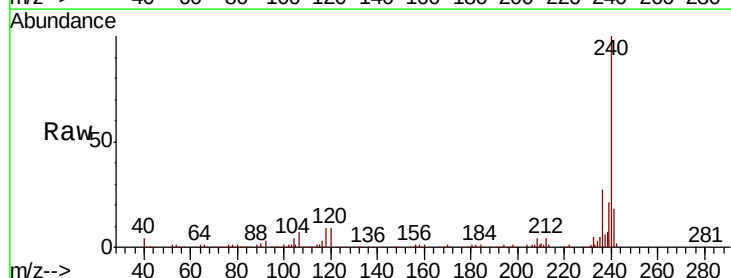


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

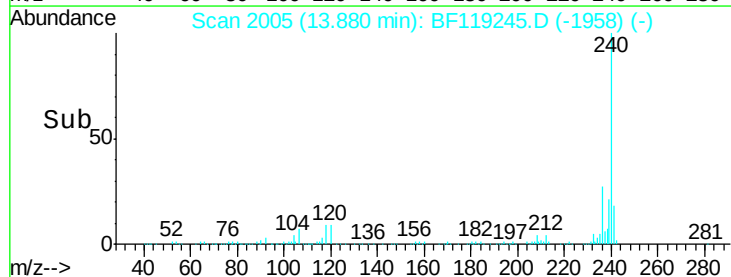
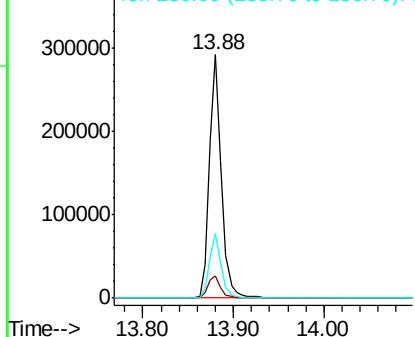


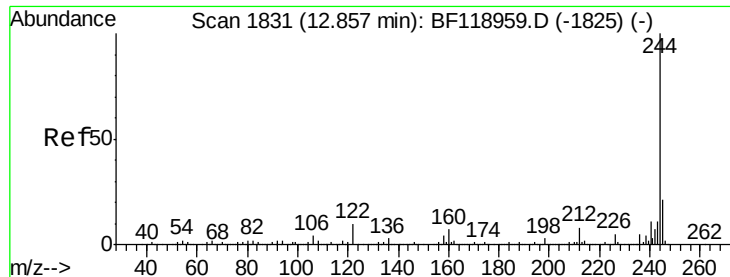
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119245.D
Acq: 6 Mar 2020 8:15

Tgt Ion:240 Resp: 276020
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 26.7 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



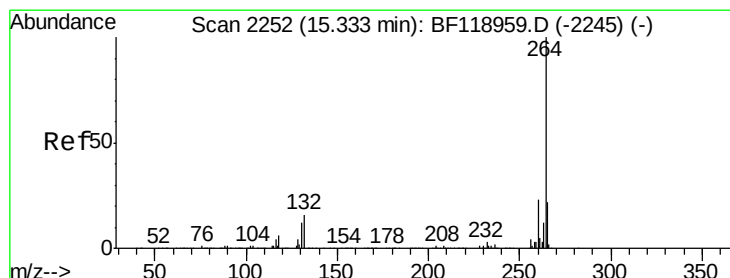
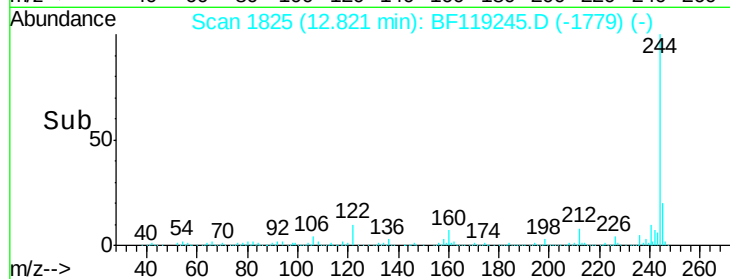
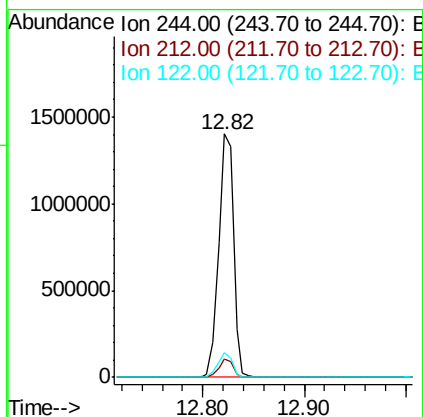
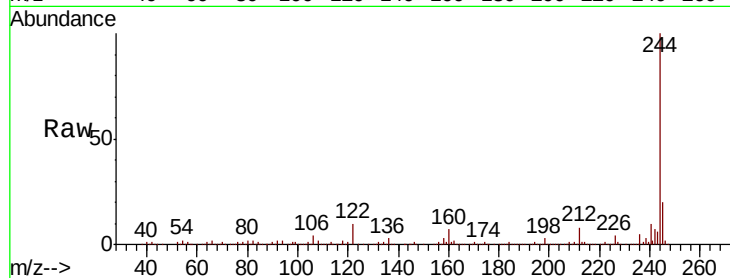


#79
 Terphenyl-d14
 Concen: 89.471 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BF119245.D
 Acq: 6 Mar 2020 8:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1434403

Ion	Ratio	Lower	Upper
244	100		
212	7.6	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: BF119245.D
 Acq: 6 Mar 2020 8:15

Tgt Ion:264 Resp: 331955

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.4	17.7	26.5

