

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119233.D
 Acq On : 6 Mar 2020 1:27
 Operator : CG/JU
 Sample : L1792-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:32:34 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

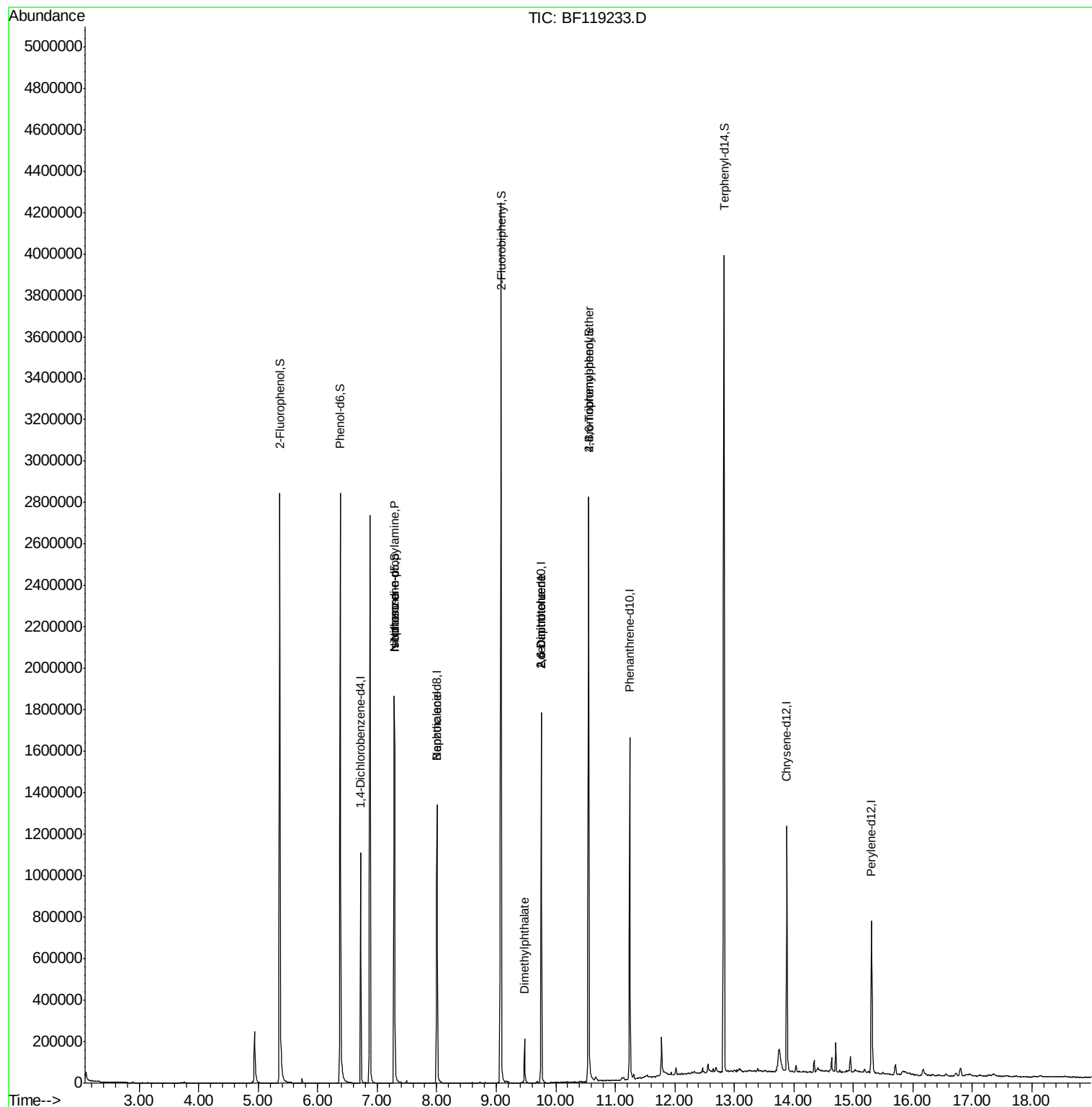
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	169249	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	662241	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	371944	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	663377	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	378915	20.00	ng	-0.02
87) Perylene-d12	15.30	264	336401	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	886612	87.54	ng	0.00
7) Phenol-d6	6.38	99	1102462	89.51	ng	-0.02
23) Nitrobenzene-d5	7.29	82	741118	59.09	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	389503	80.05	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1438194	56.96	ng	-0.03
79) Terphenyl-d14	12.83	244	1585807	72.05	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	103191	14.378	ng	# 74
25) Isophorone	7.29	82	741113	34.023	ng	# 63
32) Benzoic acid	8.00	122	113	6.695	ng	# 1
50) Dimethylphthalate	9.47	163	93207	3.277	ng	100
51) 2,6-Dinitrotoluene	9.76	165	47630	7.538	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	47630	5.815	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	25629	2.956	ng	# 1

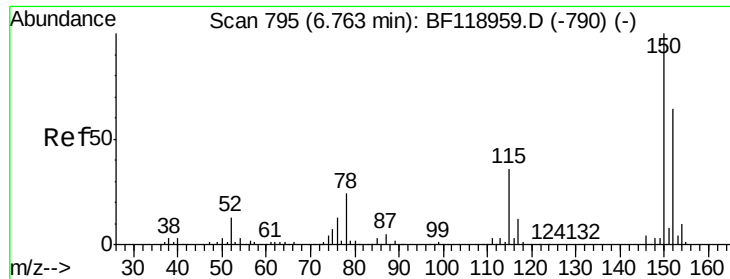
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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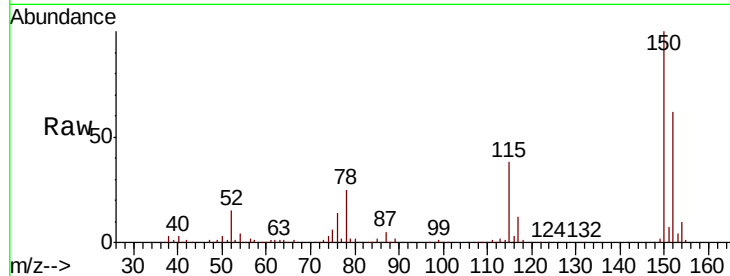


#1

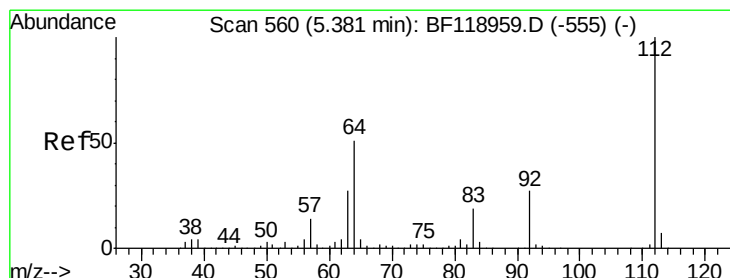
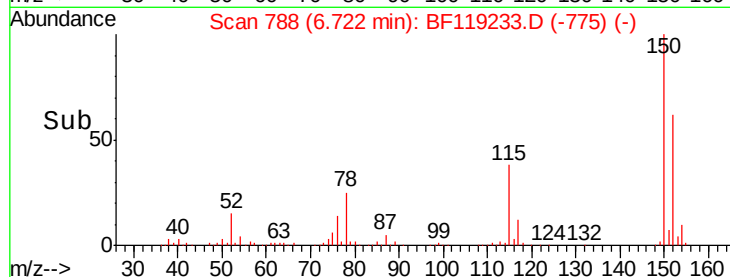
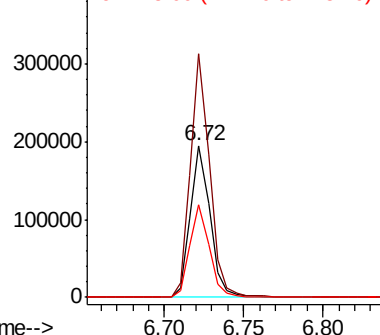
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119233.D
Acq: 6 Mar 2020 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169249
Ion Ratio Lower Upper
152 100
150 160.5 123.0 184.6
115 60.8 49.5 74.3



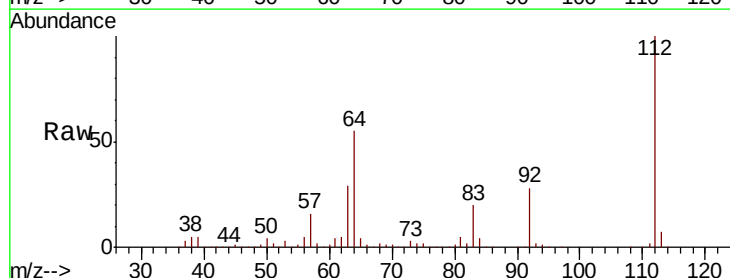
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



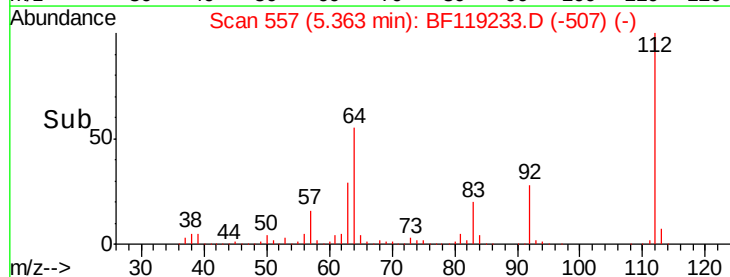
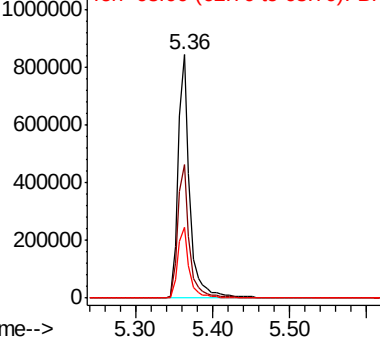
#5

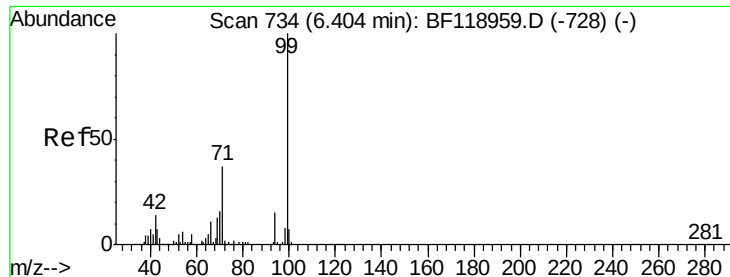
2-Fluorophenol
Concen: 87.545 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119233.D
Acq: 6 Mar 2020 1:27

Tgt Ion:112 Resp: 886612
Ion Ratio Lower Upper
112 100
64 54.7 45.0 67.4
63 29.3 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: 89.508 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119233.D

Acq: 6 Mar 2020 1:27

Instrument :

BNA_F

ClientSampleId :

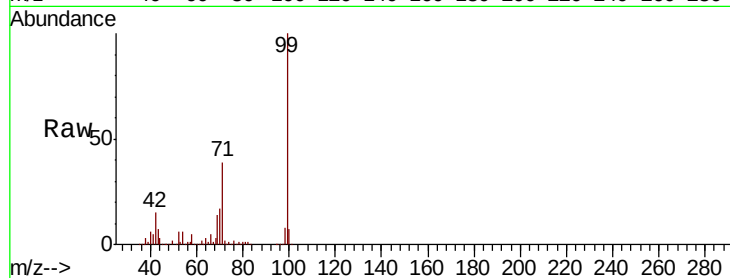
Tot Ion: 99 Resp: 1102462

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

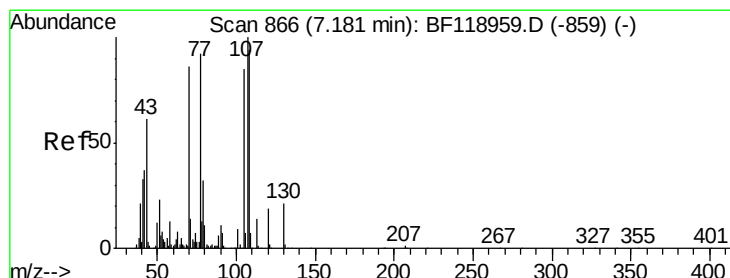
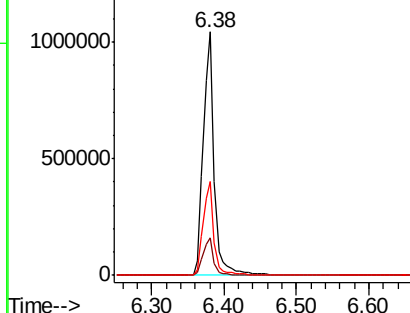
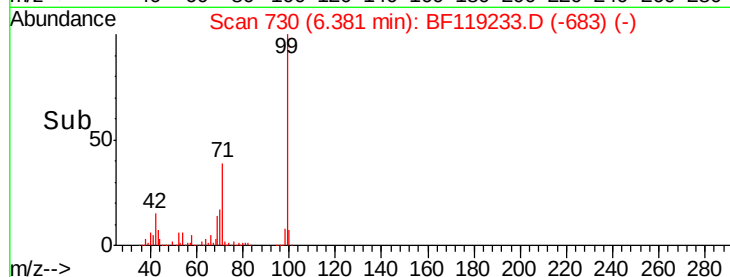
71 38.8 31.0 46.4



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: 14.378 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF119233.D

Acq: 6 Mar 2020 1:27

Tgt Ion: 70 Resp: 103191

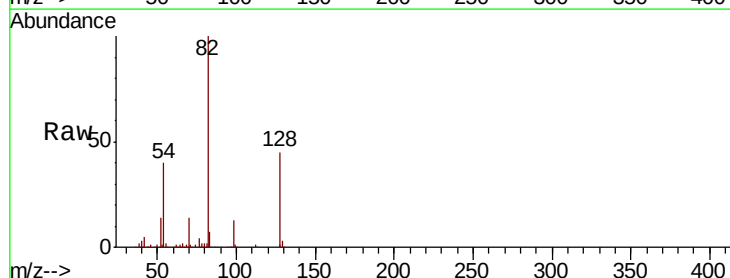
Ion Ratio Lower Upper

70 100

42 36.0 38.0 57.0#

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#

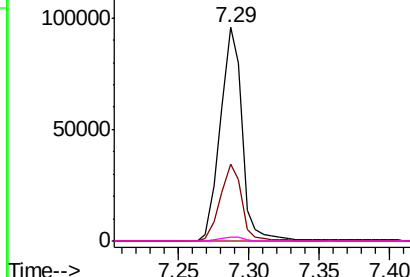
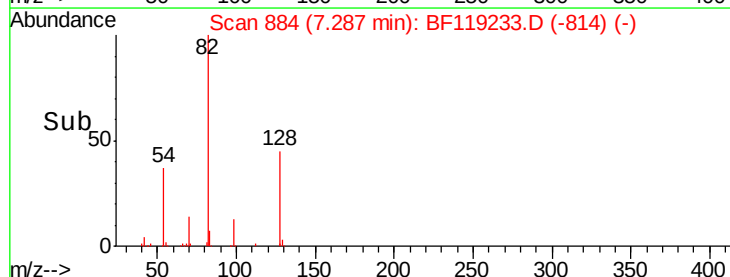


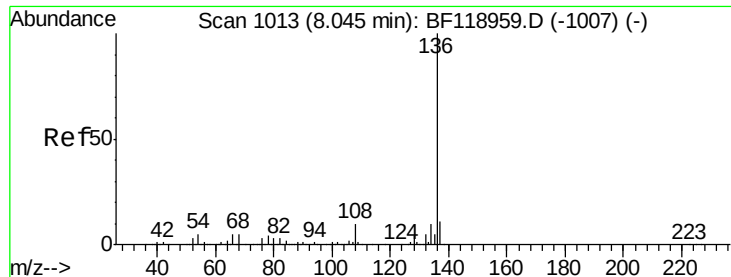
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

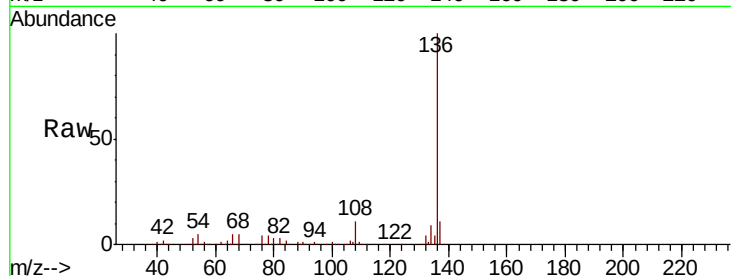




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119233.D
Acq: 6 Mar 2020 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 662241
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 5.1	3.8 5.6
68 5.2	3.9 5.9



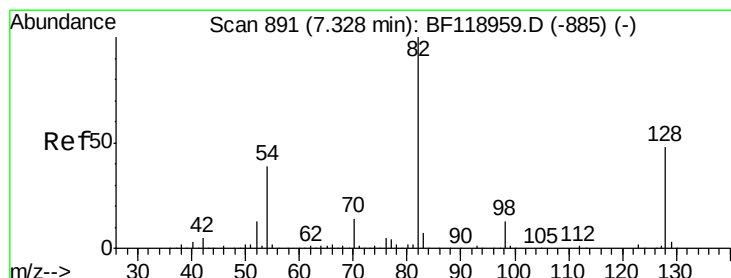
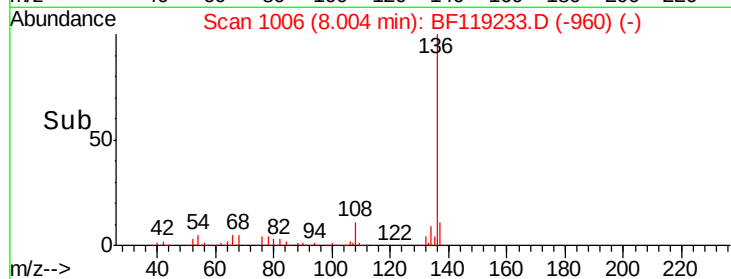
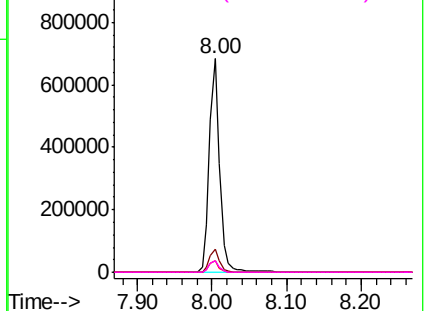
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

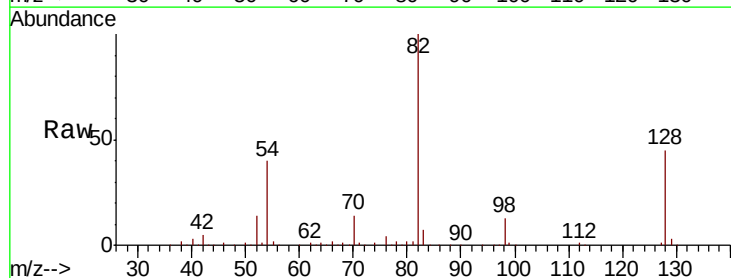
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 59.089 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF119233.D
Acq: 6 Mar 2020 1:27

Tgt Ion: 82	Resp: 741118
Ion Ratio	Lower Upper
82 100	
128 45.0	37.9 56.9
54 40.2	33.4 50.2

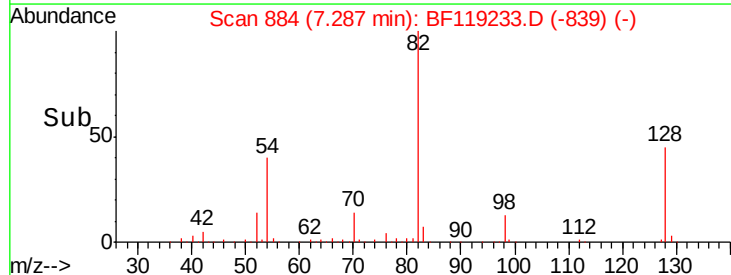
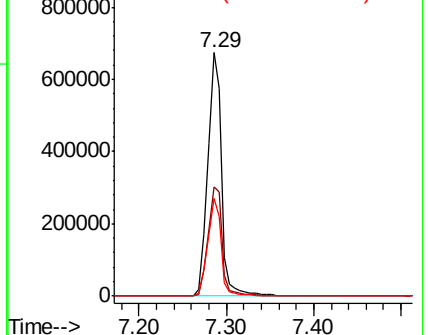


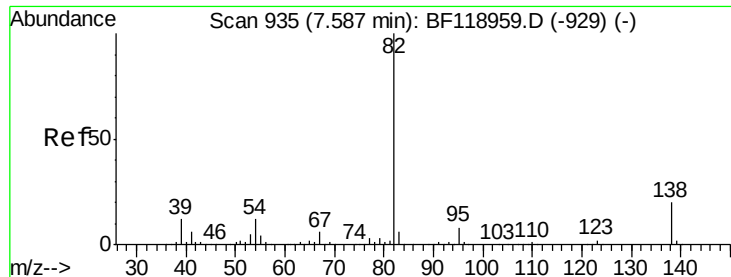
Abundance

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: 34.023 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.29 min

Lab File: BF119233.D

Acq: 6 Mar 2020 1:27

Instrument :

BNA_F

ClientSampleId :

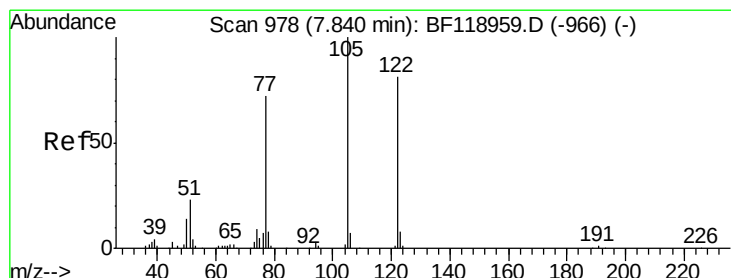
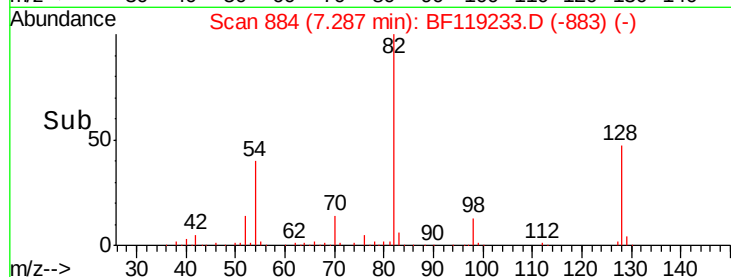
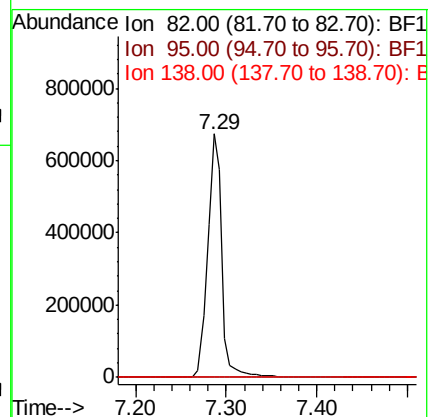
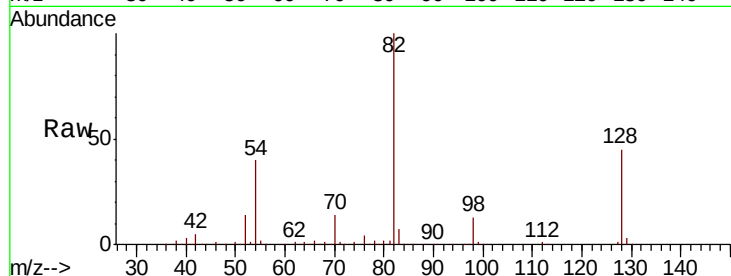
Tot Ion: 82 Resp: 741113

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



#32

Benzoic acid

Concen: 6.695 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.14 min

Lab File: BF119233.D

Acq: 6 Mar 2020 1:27

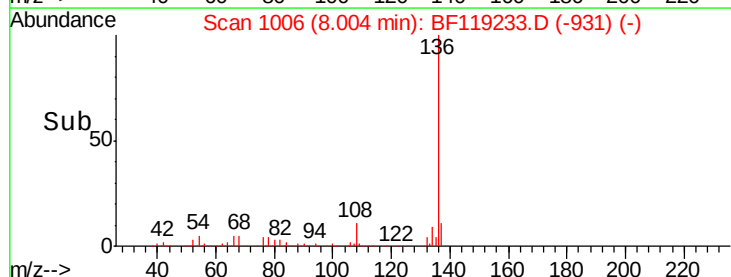
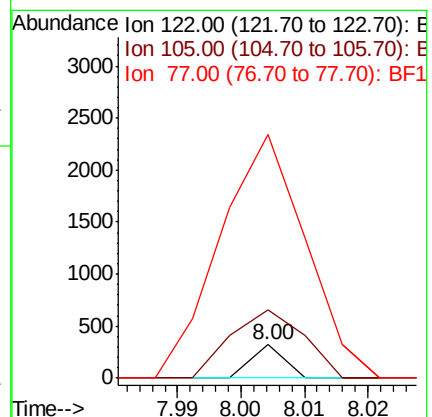
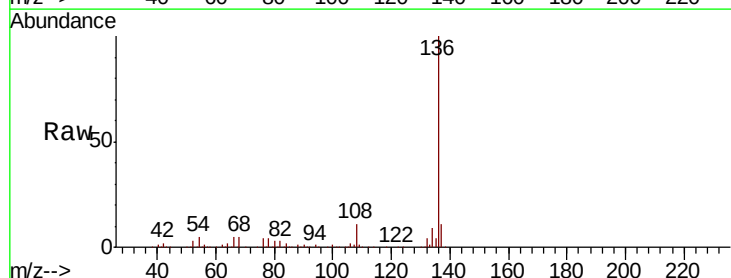
Tgt Ion: 122 Resp: 113

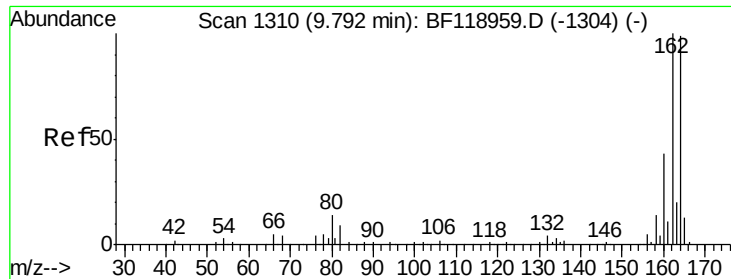
Ion Ratio Lower Upper

122 100

105 206.3 106.3 146.3#

77 733.9 73.1 113.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BF119233.D

Acq: 6 Mar 2020 1:27

Instrument :

BNA_F

ClientSampled :

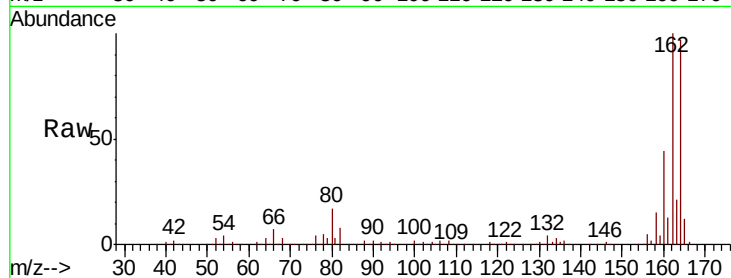
Tot Ion:164 Resp: 371944

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.8

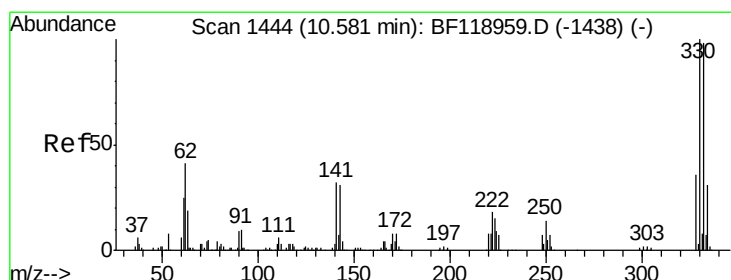
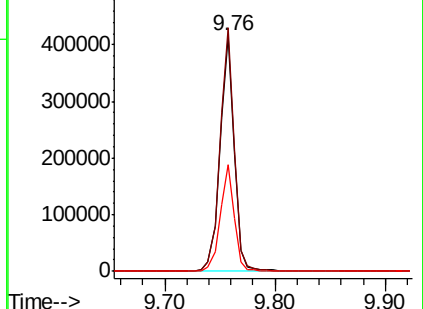
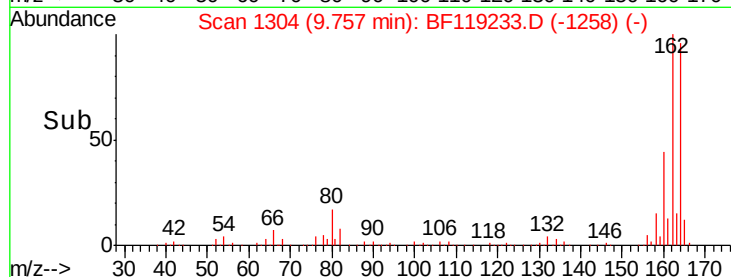
160 45.1 36.0 54.0



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: 80.052 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF119233.D

Acq: 6 Mar 2020 1:27

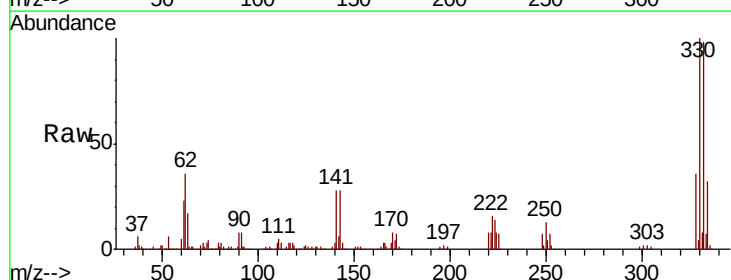
Tgt Ion:330 Resp: 389503

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

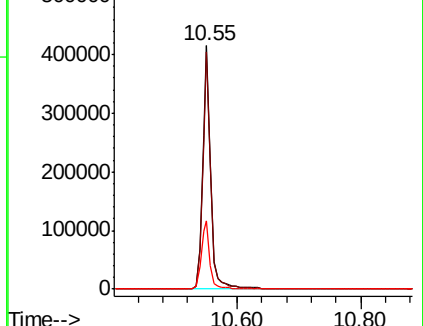
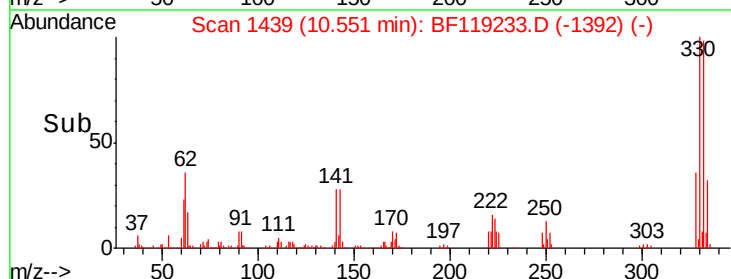
141 30.0 22.9 34.3

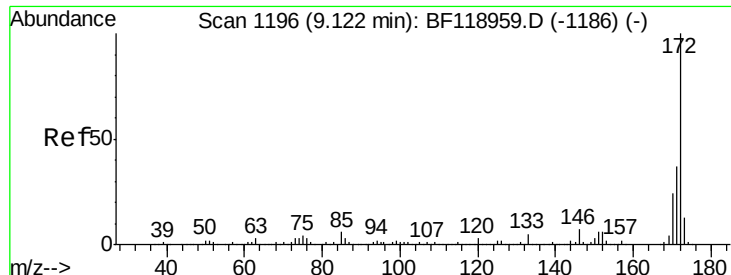


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

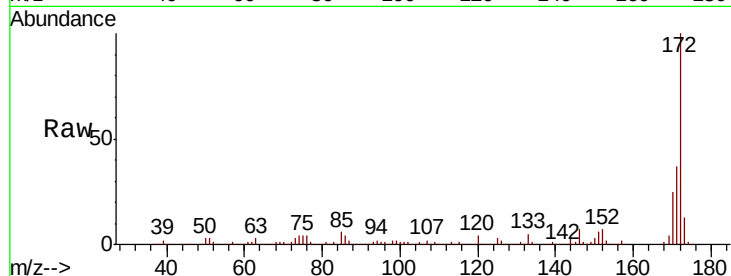




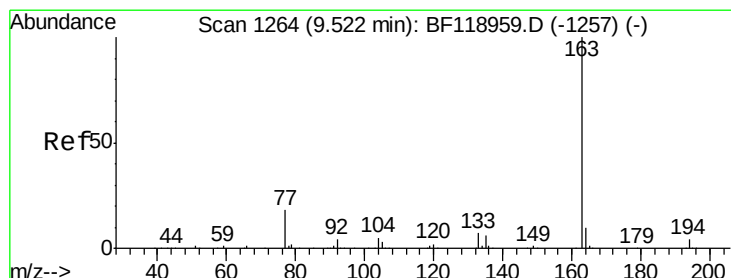
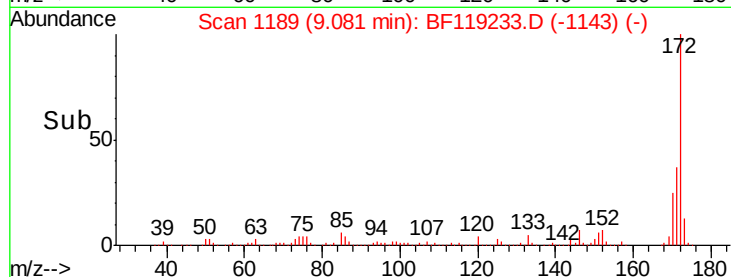
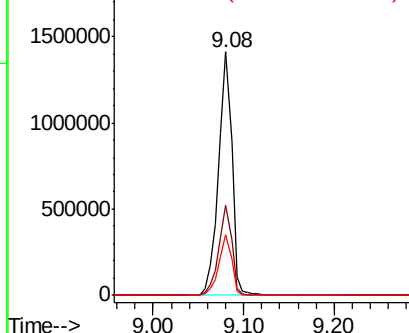
#45
2-Fluorobiphenyl
Concen: 56.963 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF119233.D
Acq: 6 Mar 2020 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1438194
Ion Ratio Lower Upper
172 100
171 37.0 30.6 45.8
170 24.7 20.2 30.2

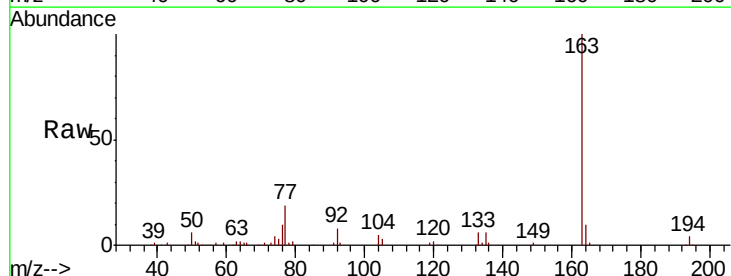


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

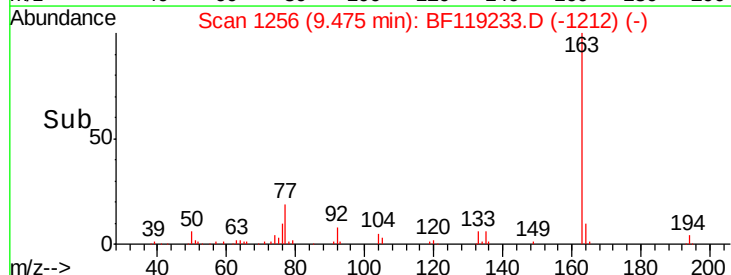
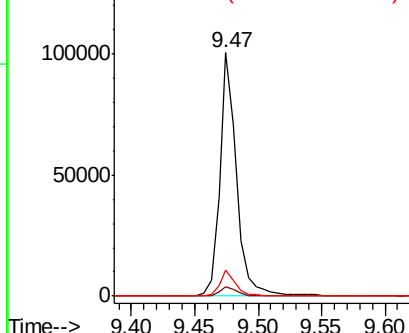


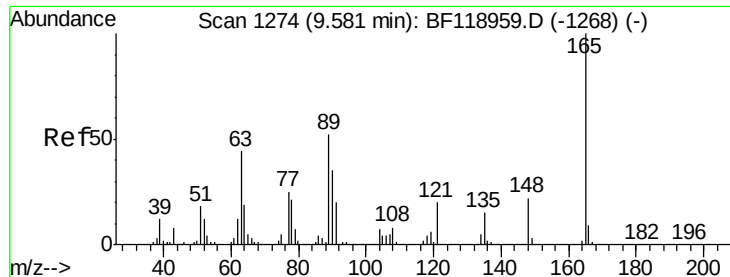
#50
Dimethylphthalate
Concen: 3.277 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF119233.D
Acq: 6 Mar 2020 1:27

Tgt Ion:163 Resp: 93207
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.5 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

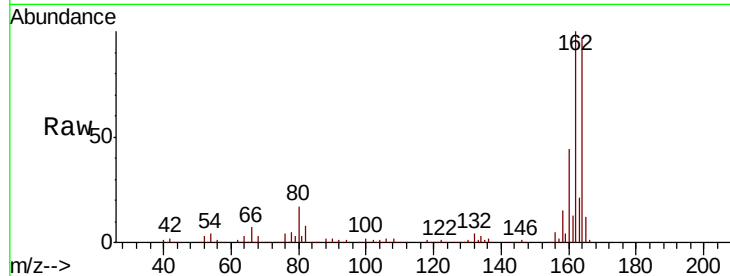




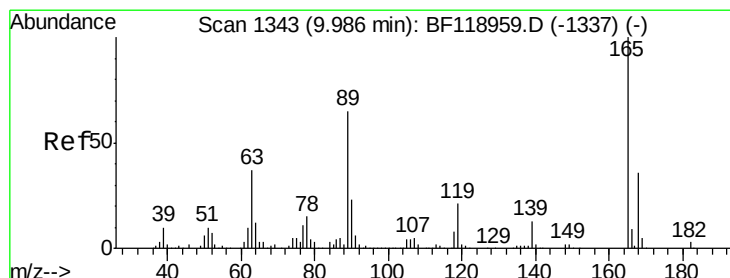
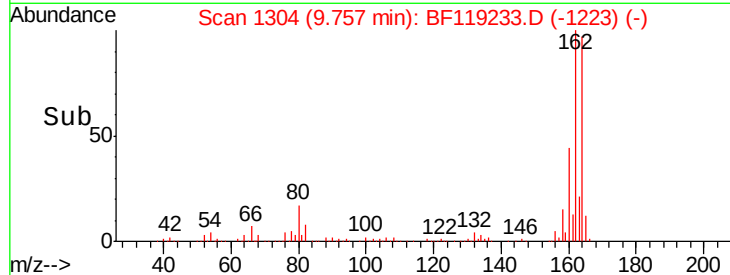
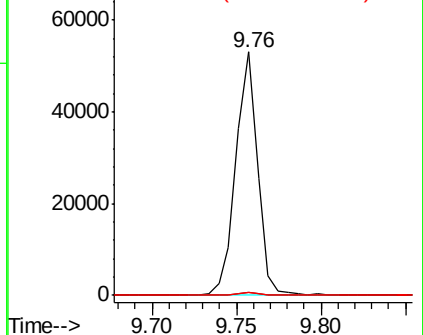
#51
 2,6-Dinitrotoluene
 Concen: 7.538 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.18 min
 Lab File: BF119233.D
 Acq: 6 Mar 2020 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.4	38.3	57.5#



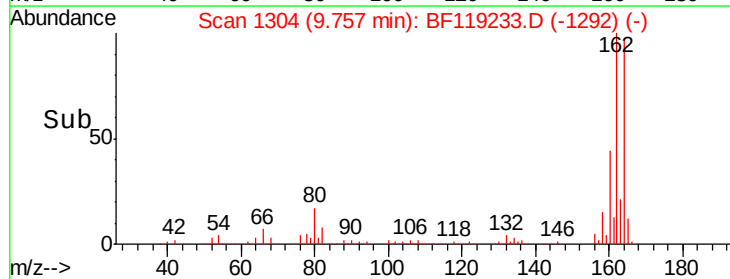
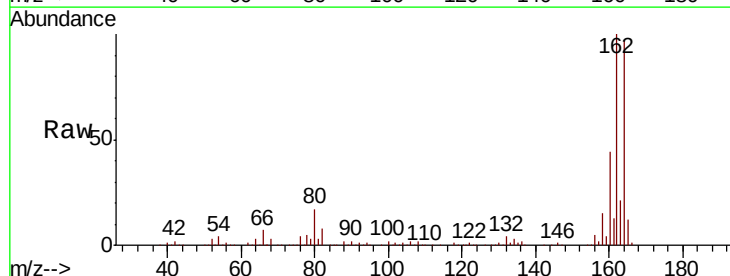
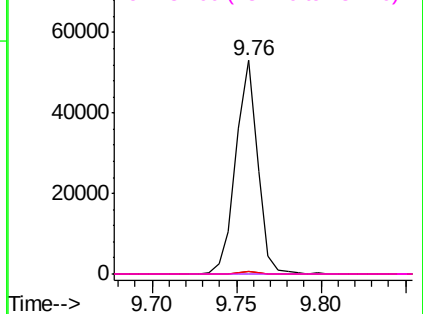
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

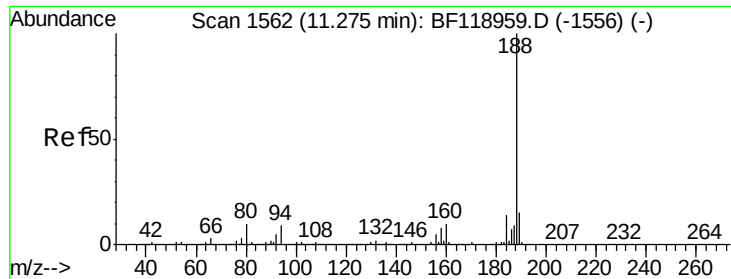


#57
 2,4-Dinitrotoluene
 Concen: 5.815 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.23 min
 Lab File: BF119233.D
 Acq: 6 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.3	63.5#
89	1.4	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

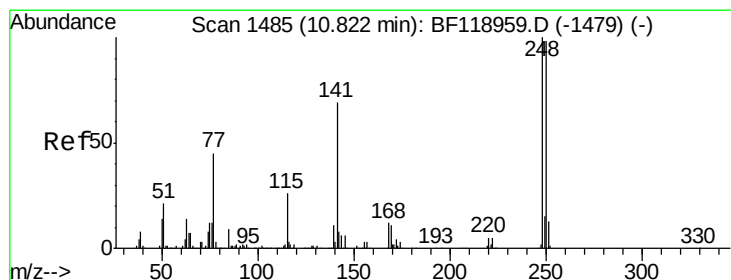
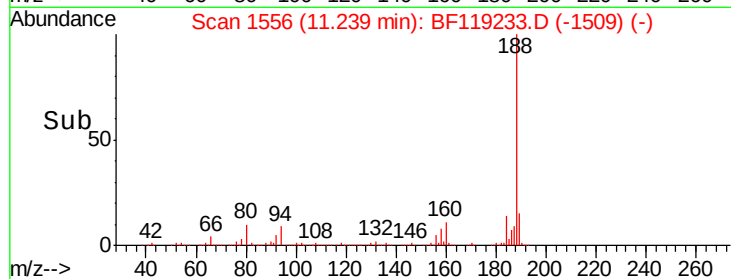
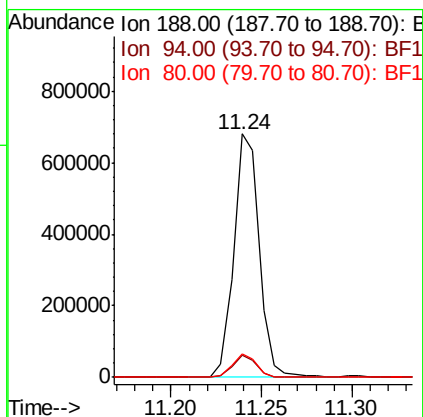
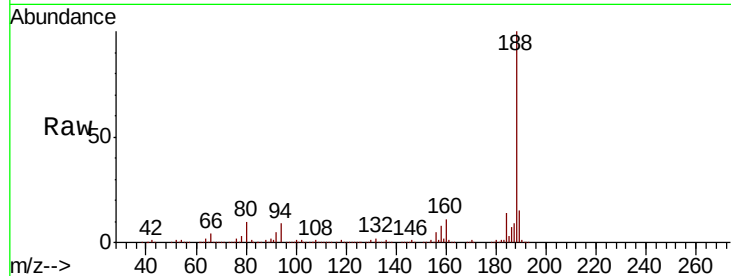




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF119233.D
Acq: 6 Mar 2020 1:27

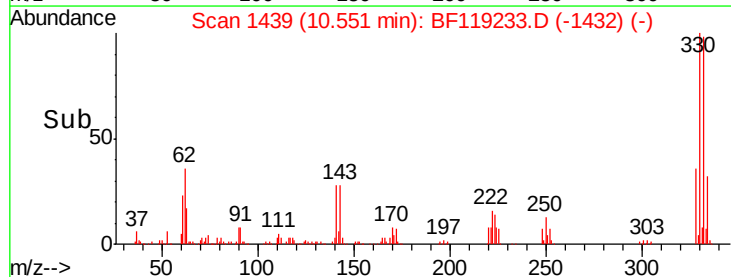
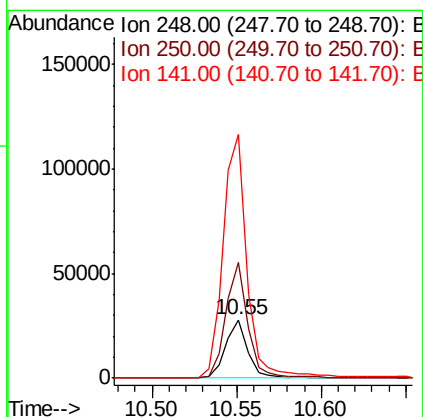
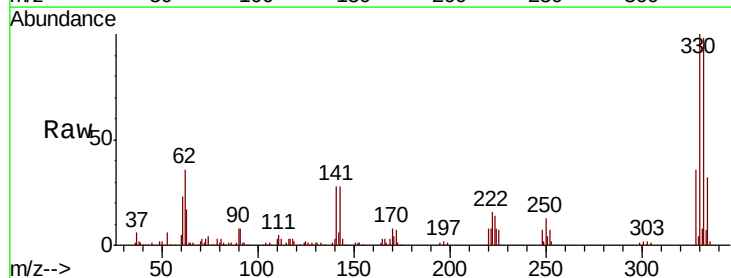
Instrument :
BNA_F
ClientSampleId :

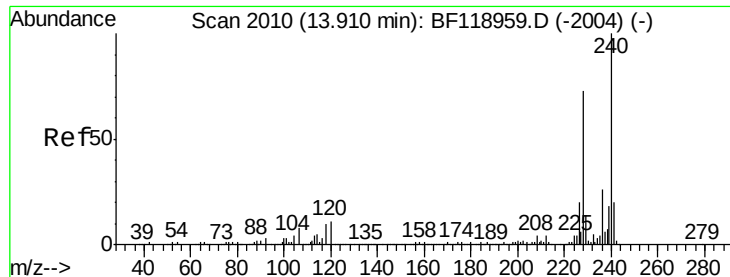
Tot Ion:188 Resp: 663377
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.7 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 2.956 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119233.D
Acq: 6 Mar 2020 1:27

Tgt Ion:248 Resp: 25629
Ion Ratio Lower Upper
248 100
250 199.1 76.7 115.1#
141 419.1 60.7 91.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119233.D

Acq: 6 Mar 2020 1:27

Instrument :

BNA_F

ClientSampleId :

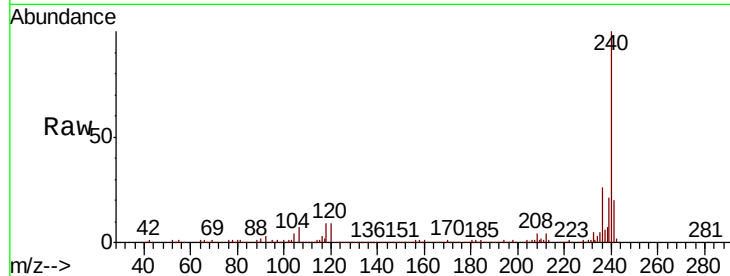
Tot Ion:240 Resp: 378915

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

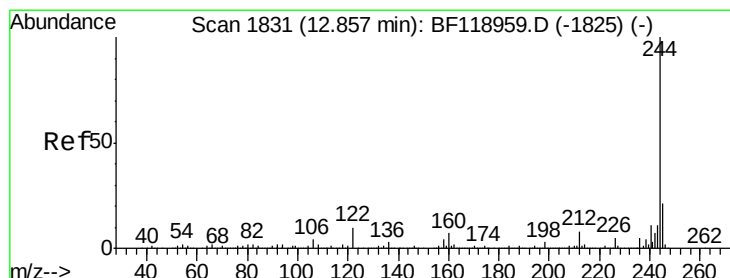
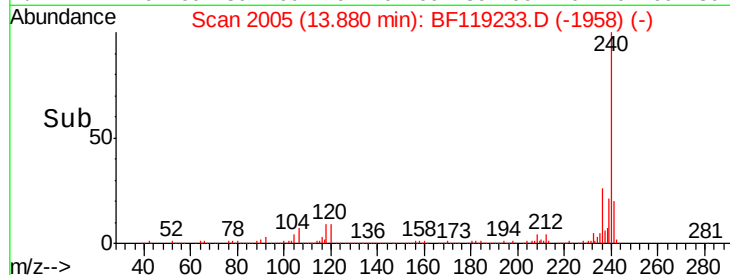
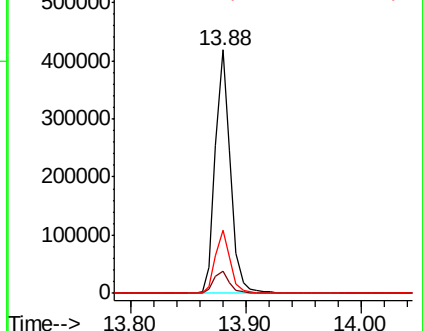
236 25.8 21.0 31.4



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: 72.054 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119233.D

Acq: 6 Mar 2020 1:27

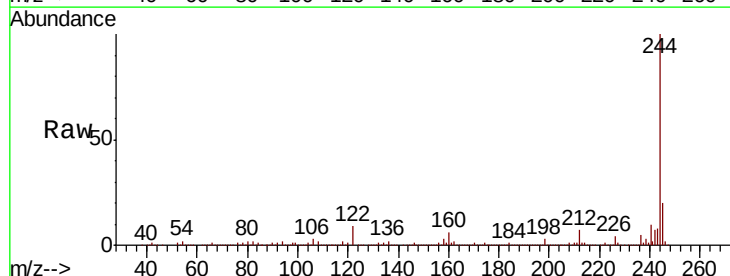
Tgt Ion:244 Resp: 1585807

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

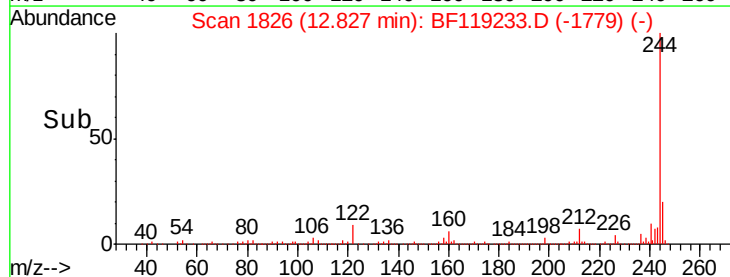
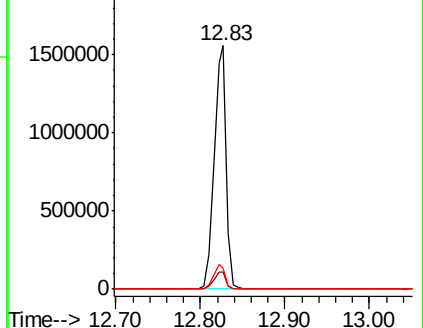
122 8.7 8.2 12.2

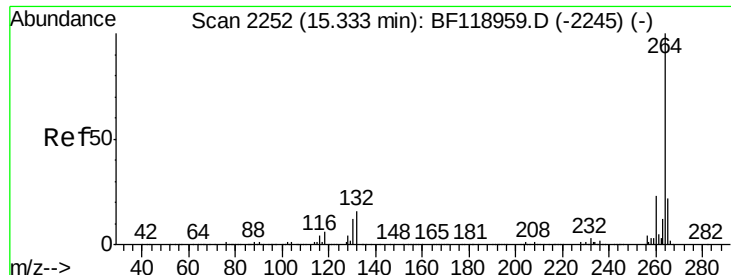


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BF119233.D
Acq: 6 Mar 2020 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.1	17.7	26.5

