

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119119.D
 Acq On : 27 Feb 2020 19:40
 Operator : CG/JU
 Sample : L1700-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:57:16 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

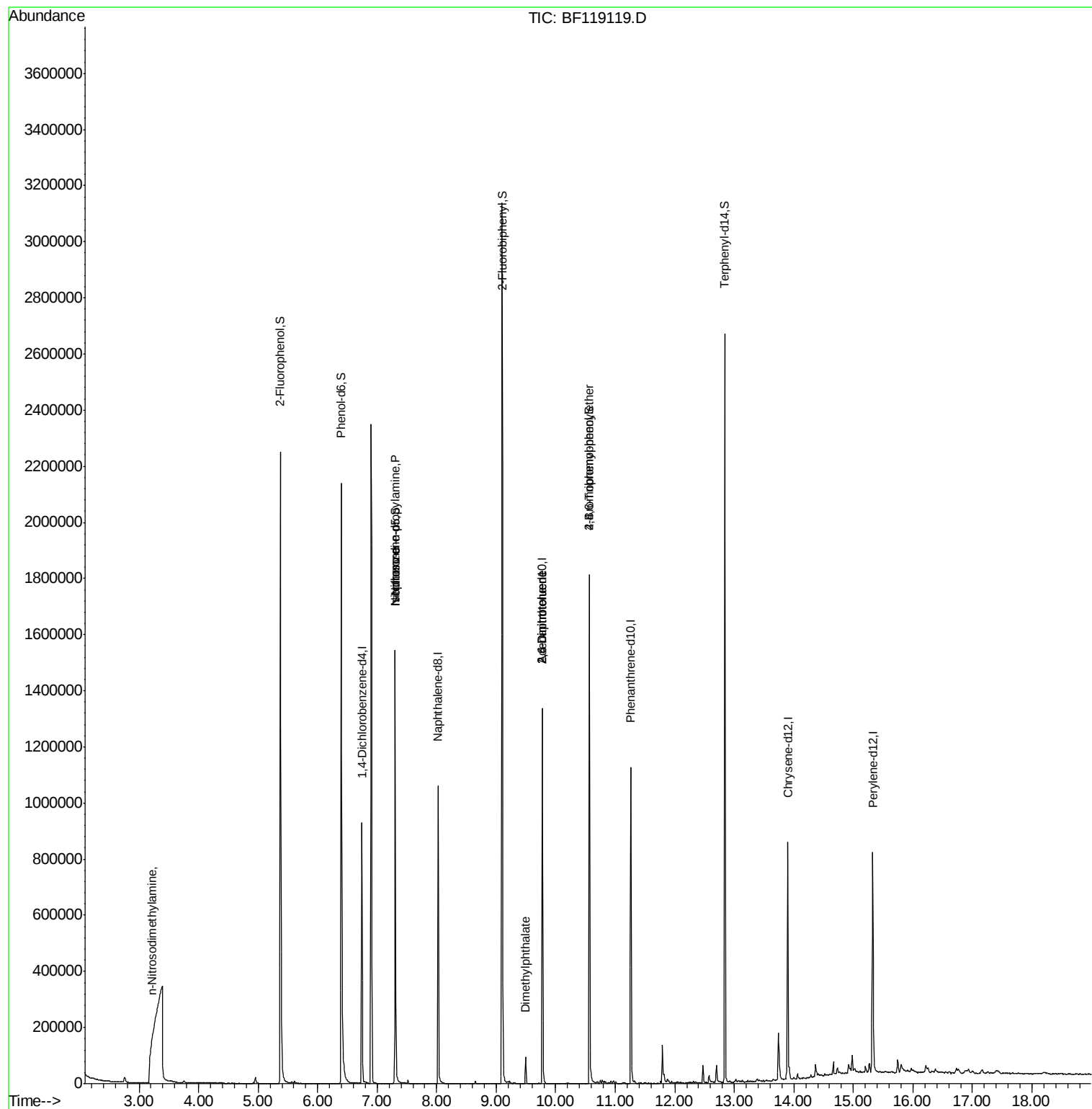
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	145656	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	535416	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	274427	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	451513	20.00	ng	0.00
76) Chrysene-d12	13.90	240	295325	20.00	ng	0.00
87) Perylene-d12	15.32	264	365552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	726605	83.37	ng	0.00
7) Phenol-d6	6.40	99	881780	83.19	ng	0.00
23) Nitrobenzene-d5	7.30	82	569995	56.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	247524	68.95	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	983734	52.81	ng	-0.01
79) Terphenyl-d14	12.84	244	948868	55.32	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.21	42	9176	2.858	ng	# 1
19) n-Nitroso-di-n-propylamine	7.30	70	77504	12.548	ng	# 75
25) Isophorone	7.30	82	570045	32.369	ng	# 63
50) Dimethylphthalate	9.49	163	43037	2.051	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	34674	7.437	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	34674	5.738	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	15917	2.697	ng	# 1

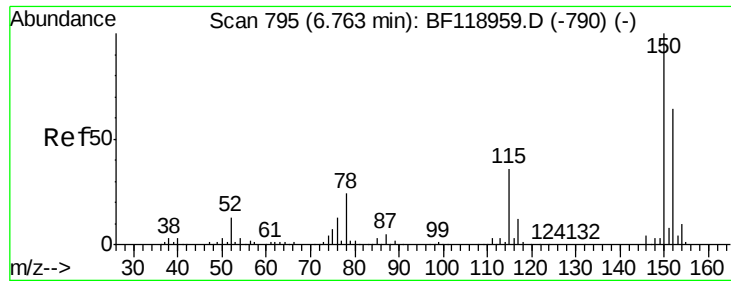
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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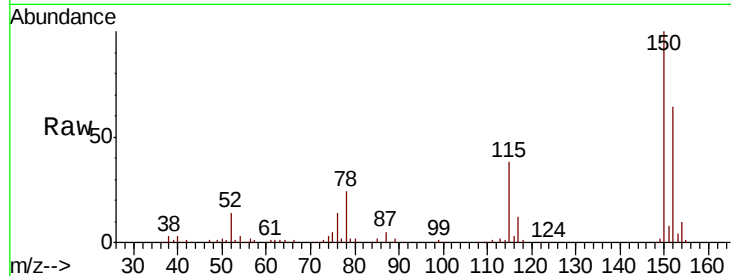


#1

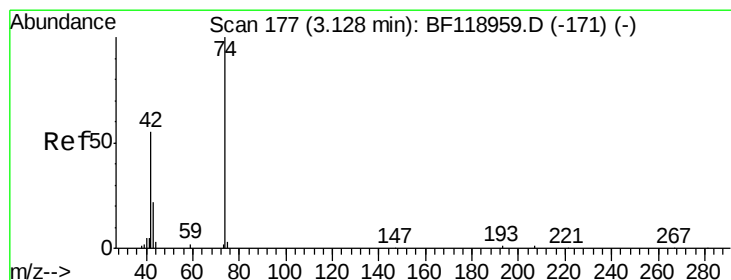
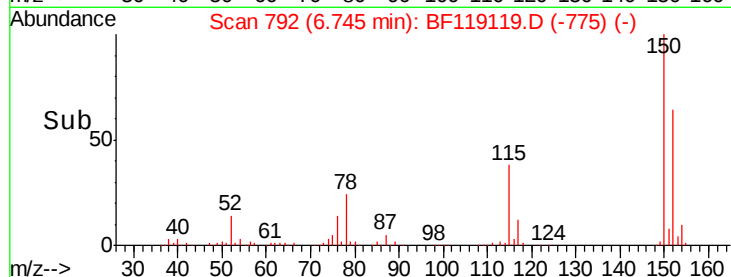
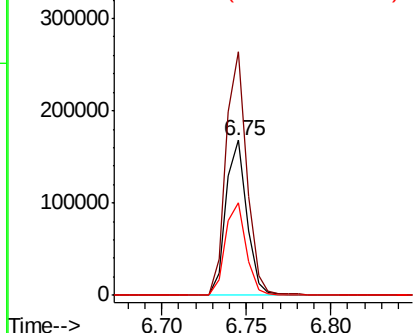
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119119.D
Acq: 27 Feb 2020 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.6
115	59.9	49.5	74.3



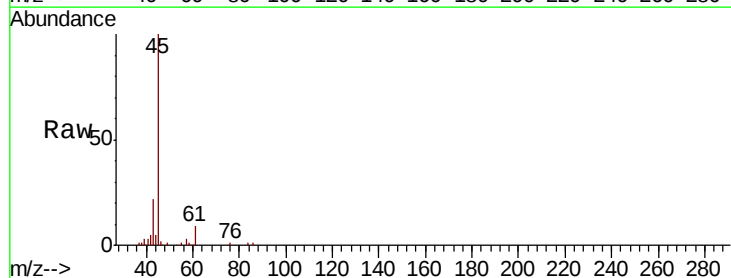
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



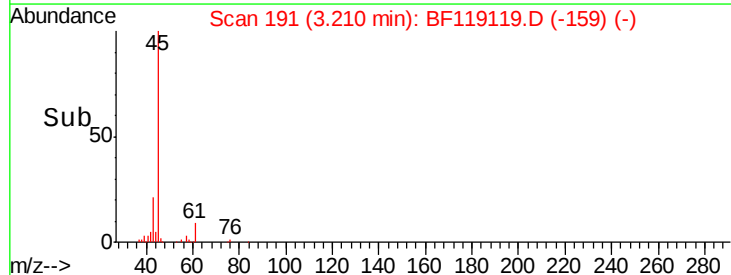
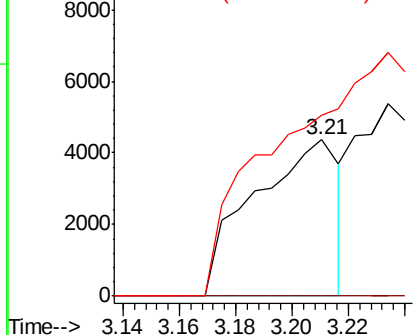
#4

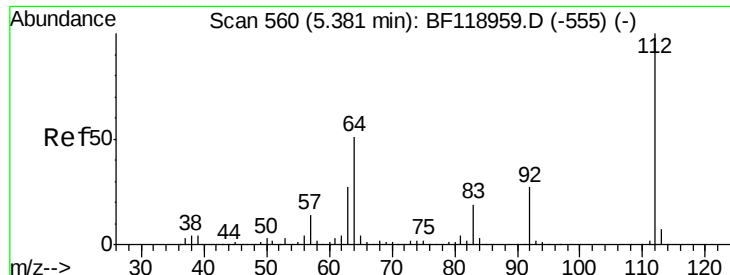
n-Nitrosodimethylamine
Concen: 2.858 ng
RT: 3.21 min Scan# 191
Delta R.T. 0.09 min
Lab File: BF119119.D
Acq: 27 Feb 2020 19:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	137.7	206.5#
44	115.8	4.5	6.7#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

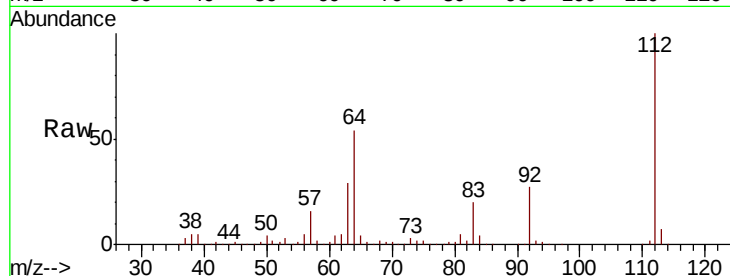




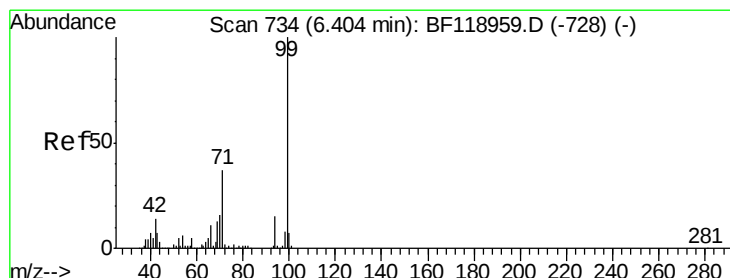
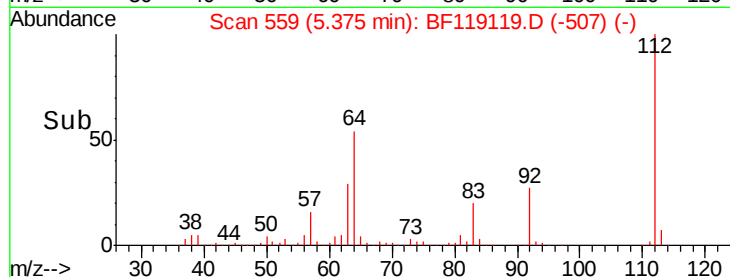
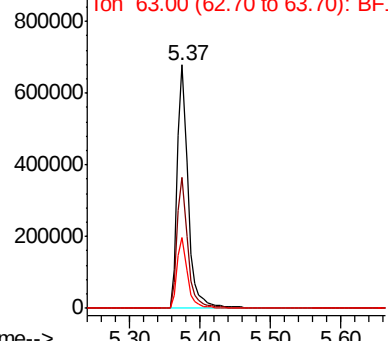
#5
2-Fluorophenol
Concen: 83.367 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119119.D
Acq: 27 Feb 2020 19:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.0	67.4
63	29.0	24.2	36.4

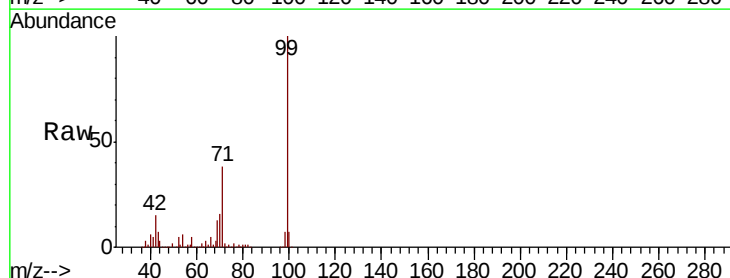


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

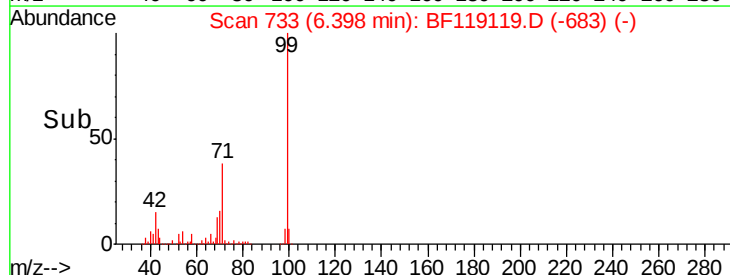
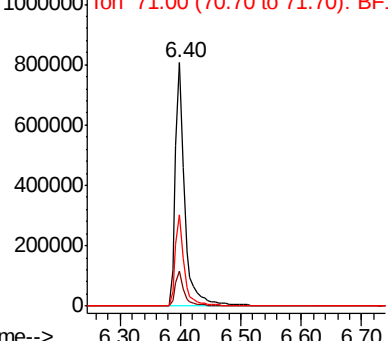


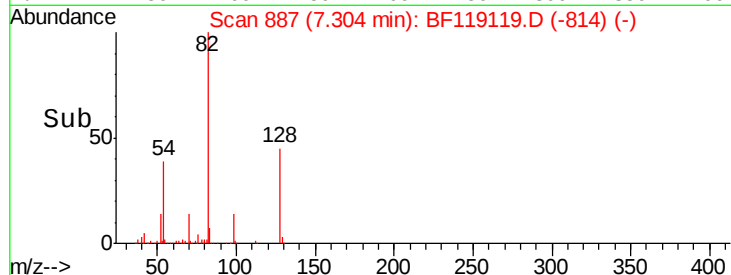
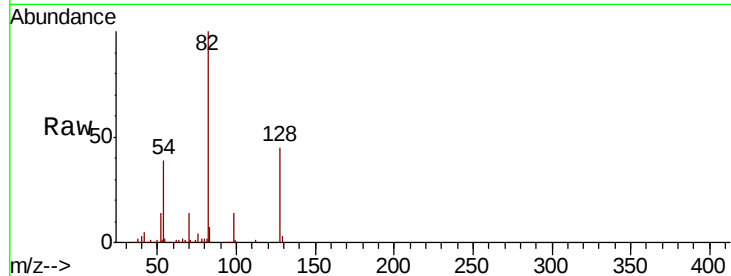
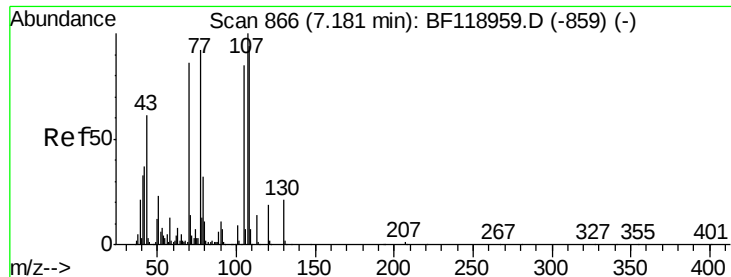
#7
Phenol-d6
Concen: 83.187 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF119119.D
Acq: 27 Feb 2020 19:40

Tgt Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.6	18.8
71	37.6	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

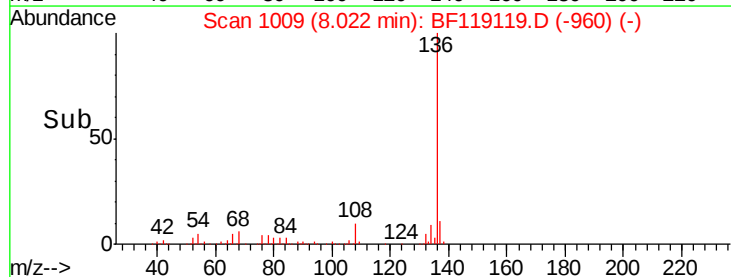
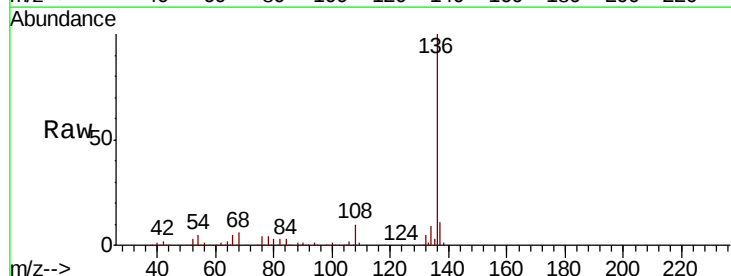
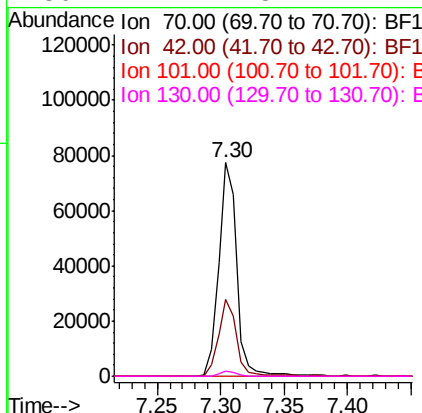




#19
n-Nitroso-di-n-propylamine
Concen: 12.548 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF119119.D
Acq: 27 Feb 2020 19:40

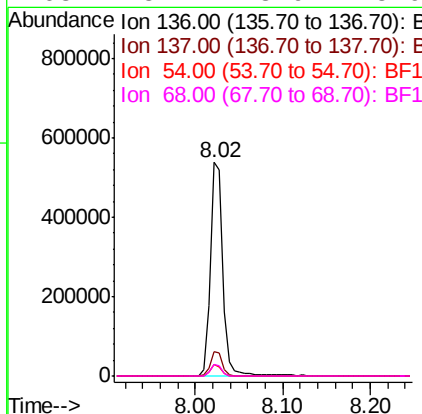
Instrument :
BNA_F
ClientSampleId :

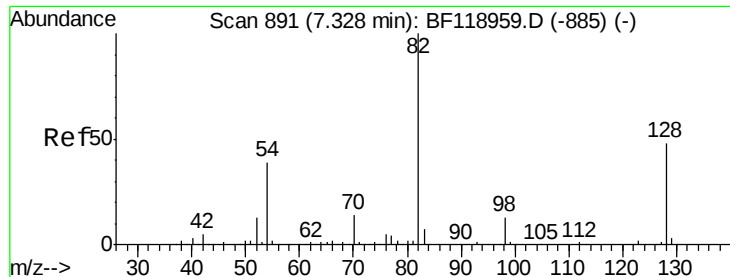
Tot Ion: 70 Resp: 77504
Ion Ratio Lower Upper
70 100
42 36.2 38.0 57.0#
101 0.0 8.2 12.4#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119119.D
Acq: 27 Feb 2020 19:40

Tgt Ion: 136 Resp: 535416
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 5.2 3.8 5.6
68 5.7 3.9 5.9

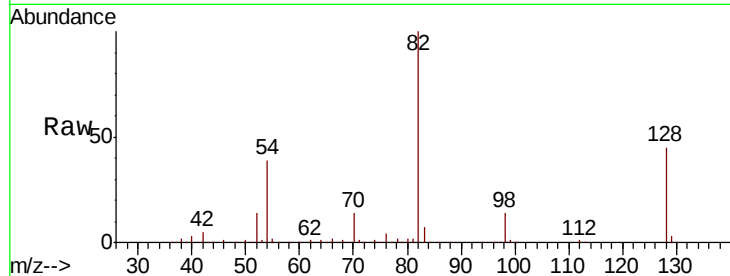




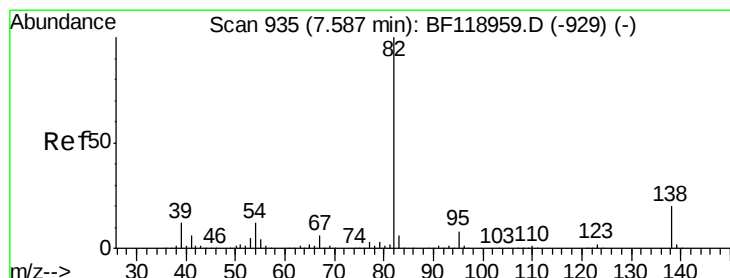
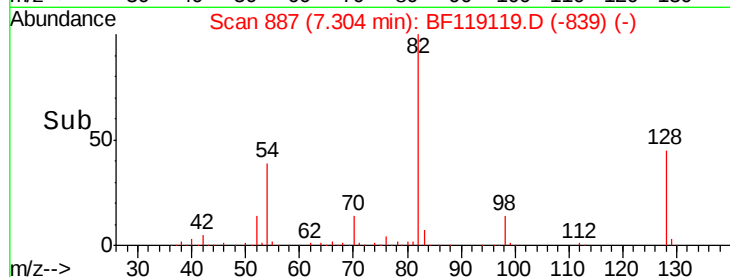
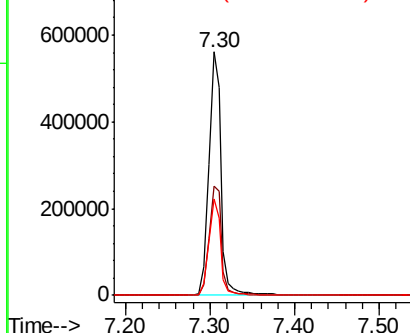
#23
Nitrobenzene-d5
Concen: 56.210 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119119.D
Acq: 27 Feb 2020 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.9	56.9
54	39.4	33.4	50.2

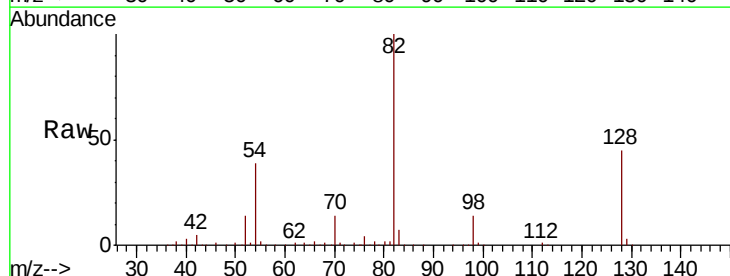


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

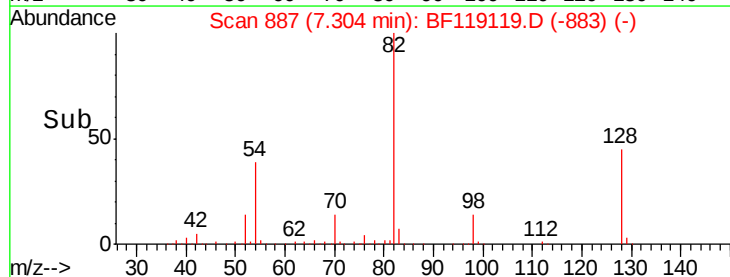
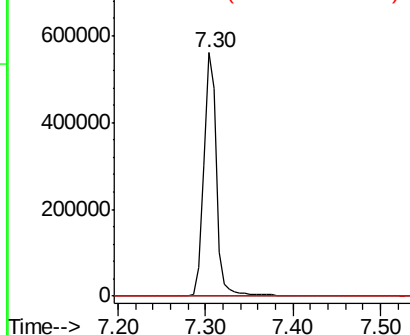


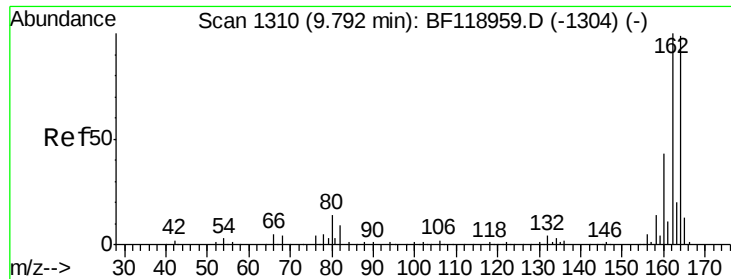
#25
Isophorone
Concen: 32.369 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF119119.D
Acq: 27 Feb 2020 19:40

Tgt 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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

Instrument :

BNA_F

ClientSampleId :

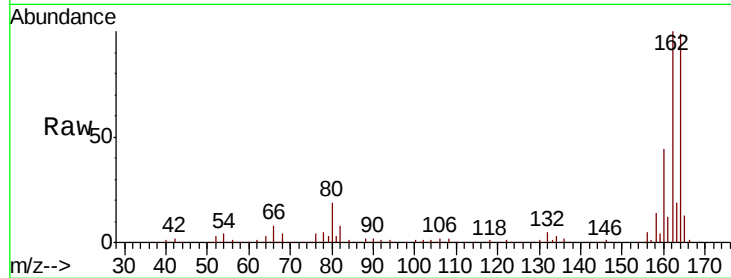
Tot Ion:164 Resp: 274427

Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.8

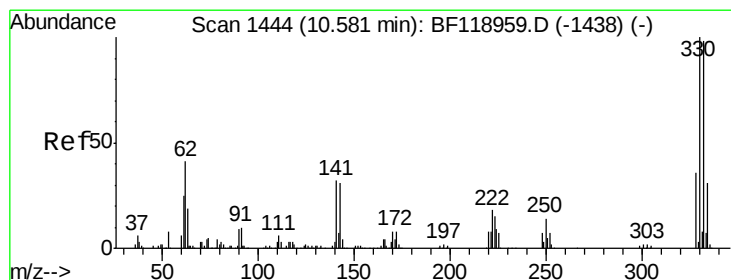
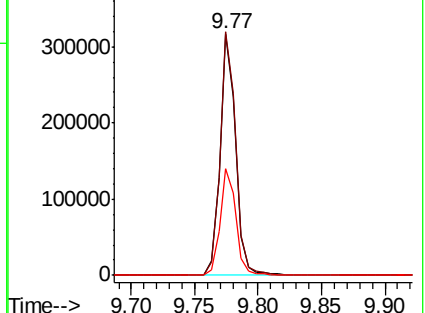
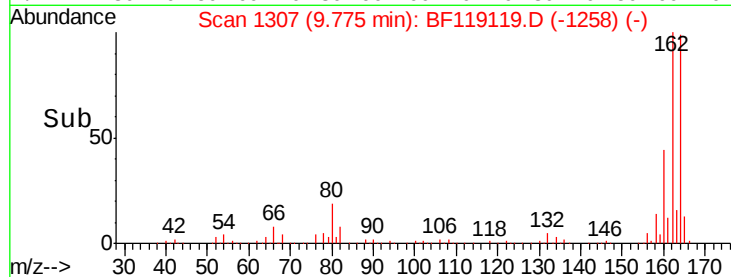
160 44.3 36.0 54.0



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: 68.949 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

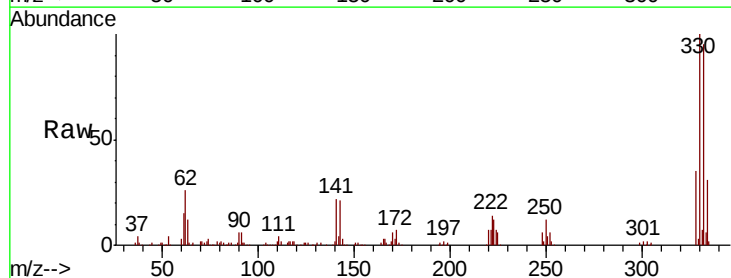
Tgt Ion:330 Resp: 247524

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

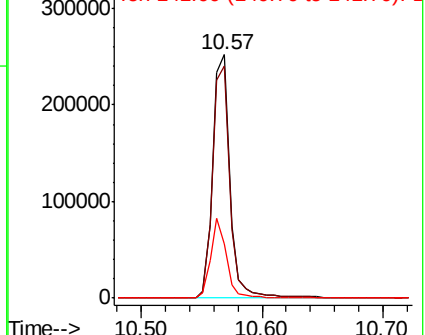
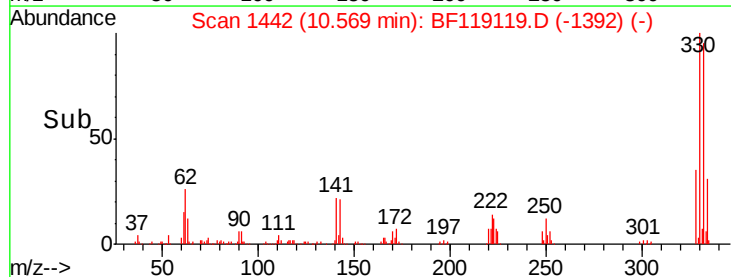
141 30.3 22.9 34.3

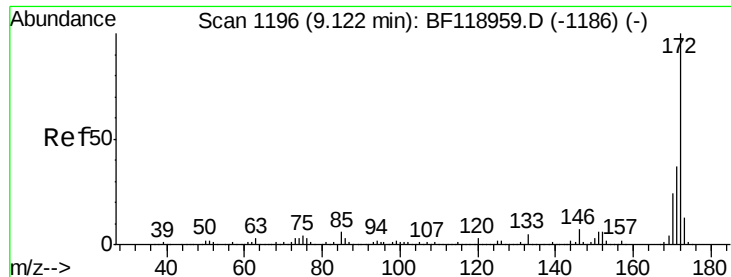


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

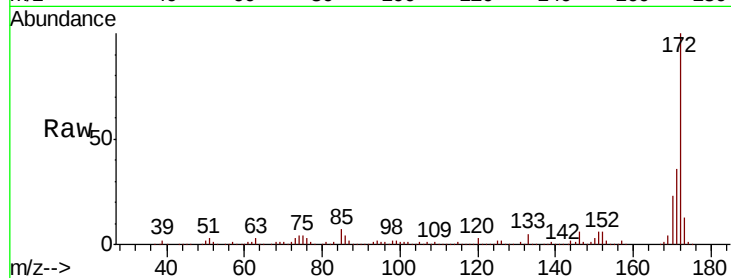




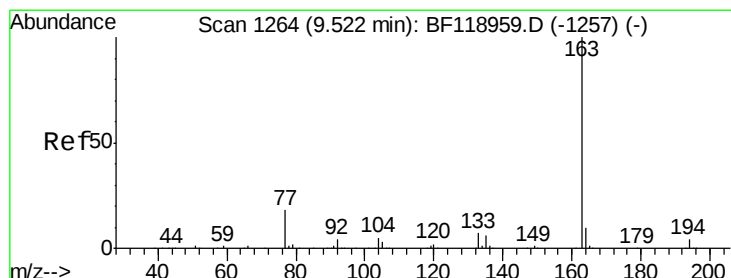
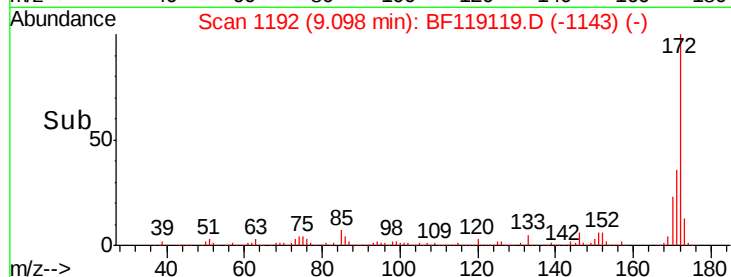
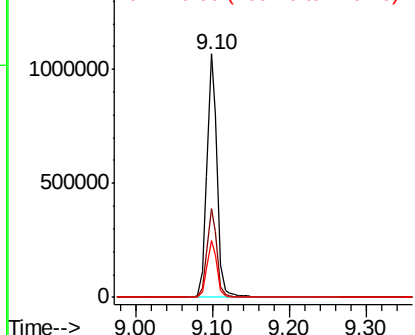
#45
 2-Fluorobiphenyl
 Concen: 52.809 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119119.D
 Acq: 27 Feb 2020 19:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 983734
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.6 45.8
 170 23.3 20.2 30.2

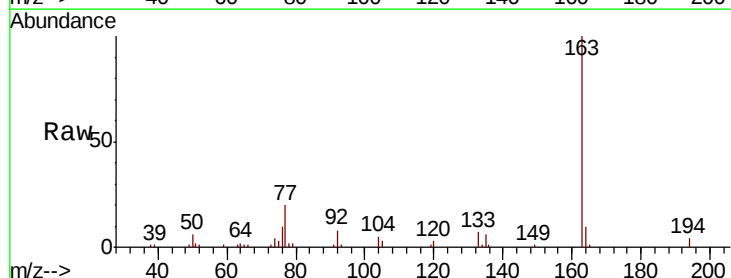


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

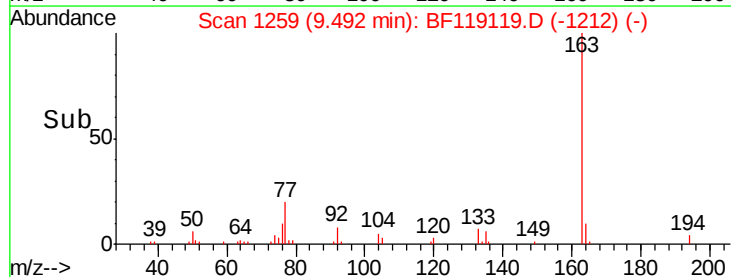
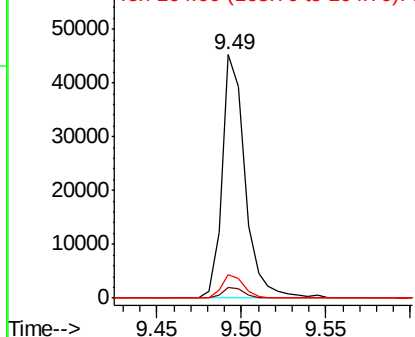


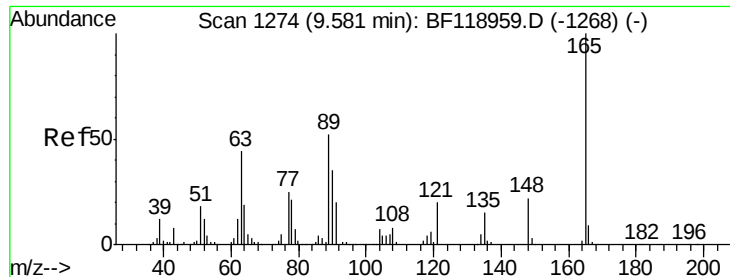
#50
 Dimethylphthalate
 Concen: 2.051 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF119119.D
 Acq: 27 Feb 2020 19:40

Tgt Ion:163 Resp: 43037
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.5 5.3
 164 9.8 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: 7.437 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.19 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

Instrument :

BNA_F

ClientSampled :

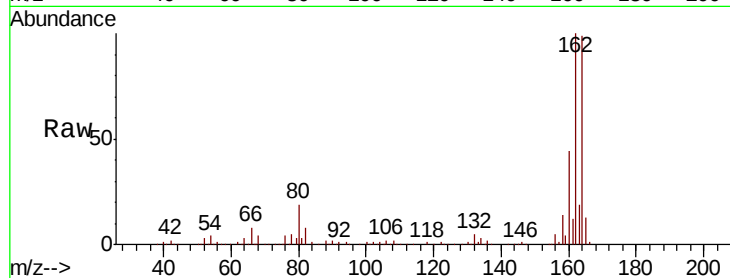
Tot Ion:165 Resp: 34674

Ion Ratio Lower Upper

165 100

63 1.1 34.3 51.5#

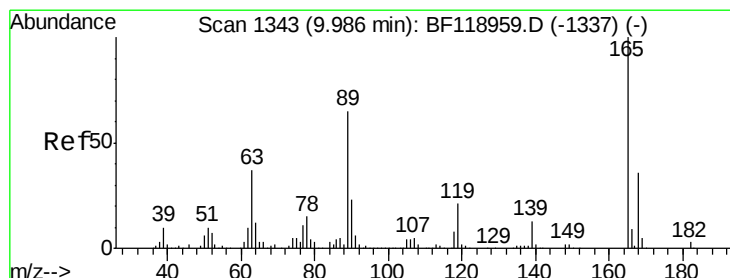
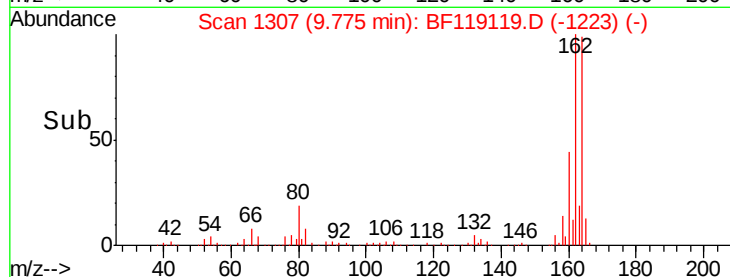
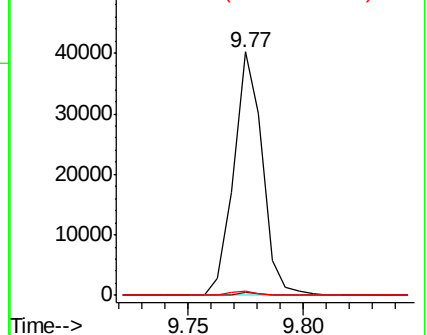
89 1.5 38.3 57.5#



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: 5.738 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.21 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

Tgt Ion:165 Resp: 34674

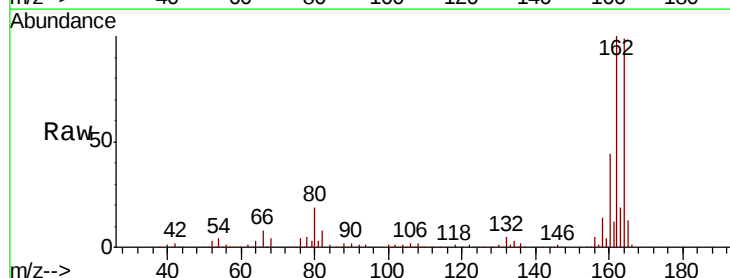
Ion Ratio Lower Upper

165 100

63 1.1 42.3 63.5#

89 1.5 60.2 90.4#

182 0.0 2.3 3.5#

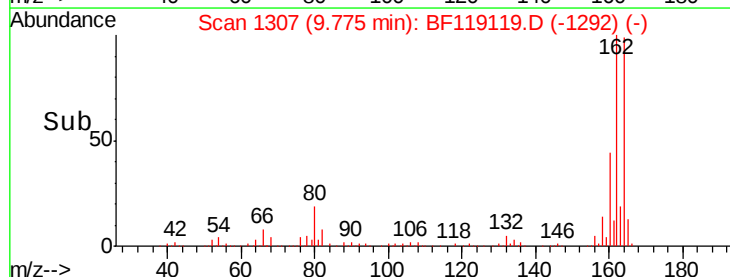
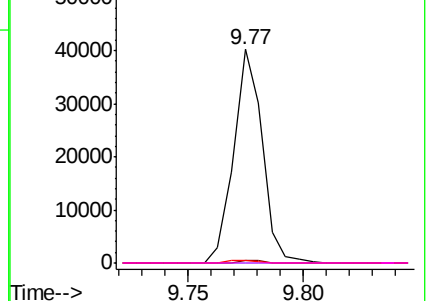


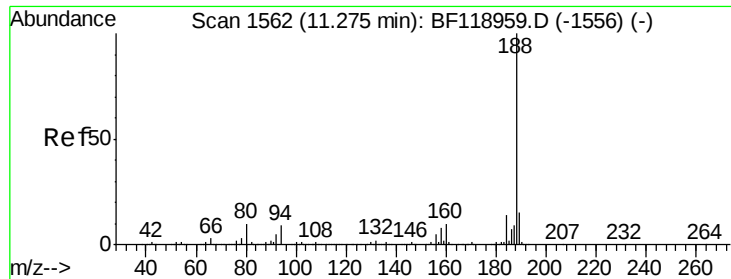
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF119119.D

Acq: 27 Feb 2020 19:40

Instrument :

BNA_F

ClientSampleId :

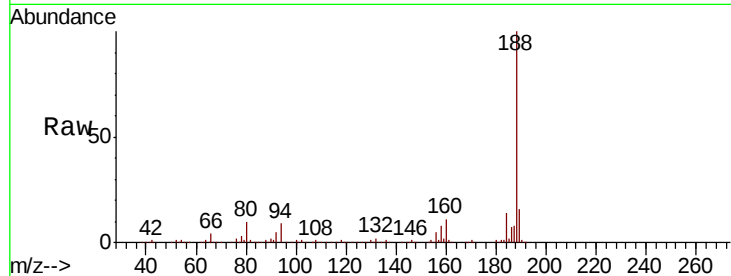
Tot Ion:188 Resp: 451513

Ion Ratio Lower Upper

188 100

94 9.5 7.1 10.7

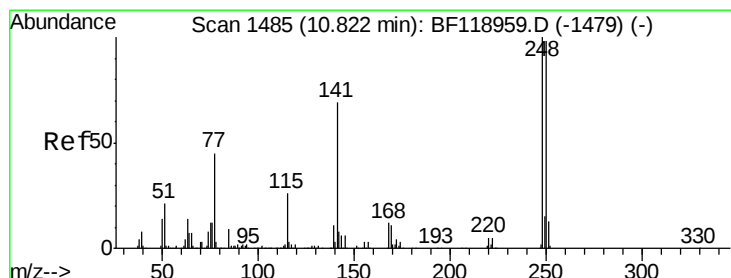
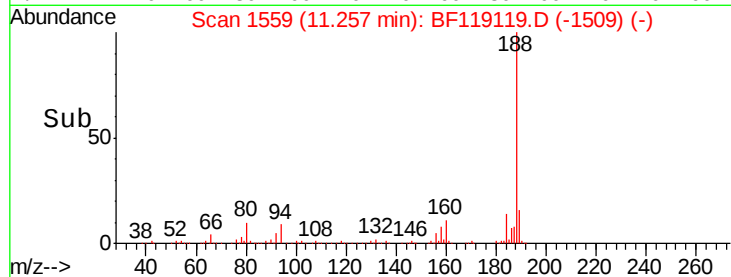
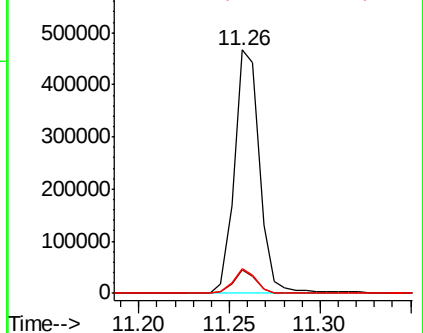
80 10.0 7.8 11.8



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: 2.697 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.25 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

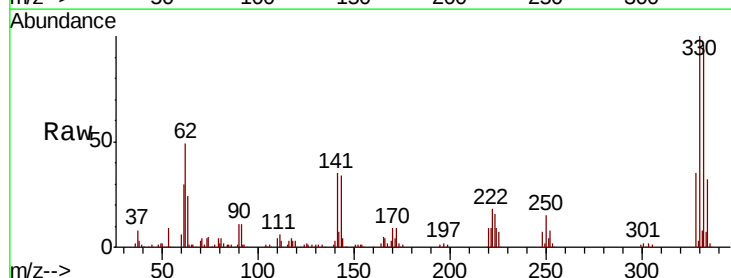
Tgt Ion:248 Resp: 15917

Ion Ratio Lower Upper

248 100

250 203.5 76.7 115.1#

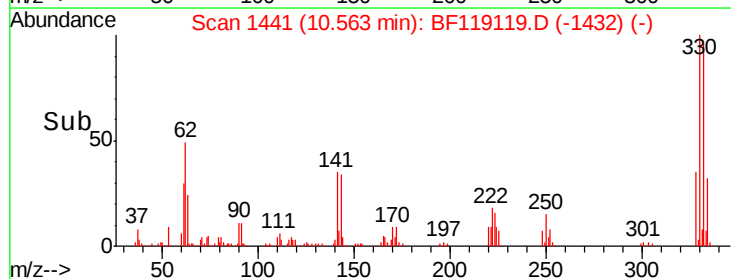
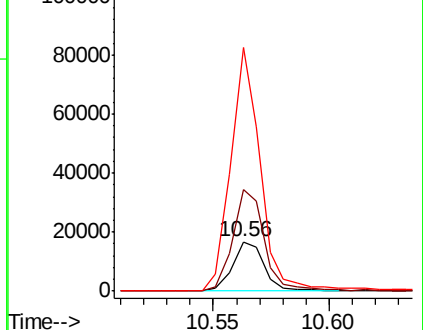
141 491.1 60.7 91.1#

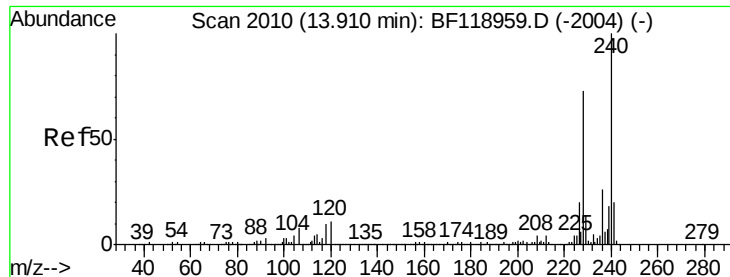


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF119119.D

Acq: 27 Feb 2020 19:40

Instrument :

BNA_F

ClientSampleId :

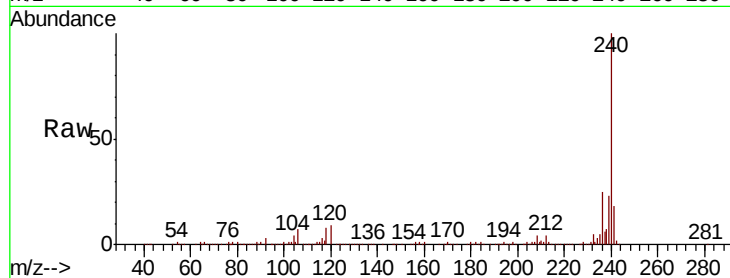
Tot Ion:240 Resp: 295325

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

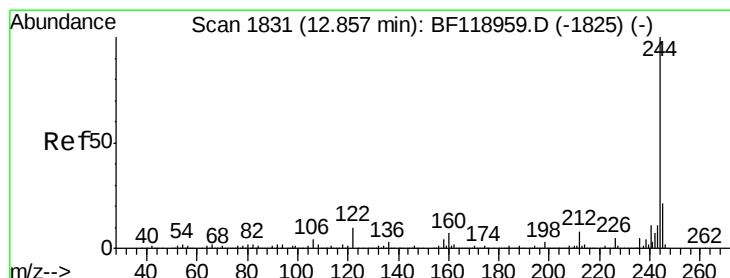
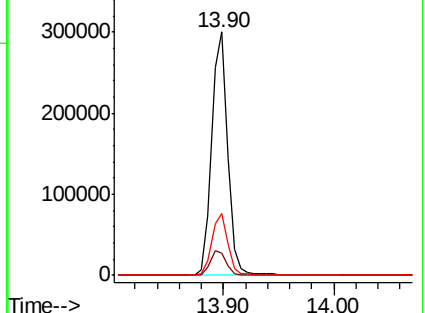
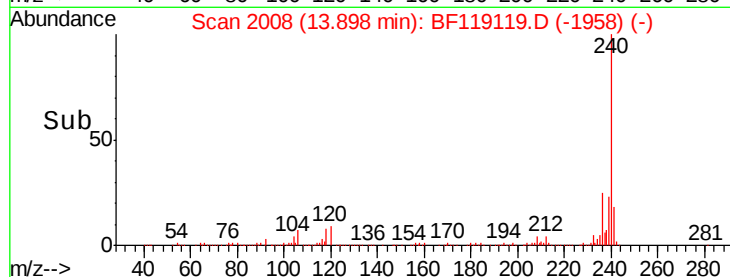
236 25.4 21.0 31.4



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: 55.317 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

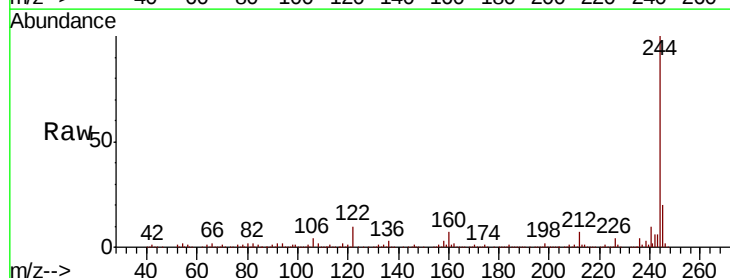
Tgt Ion:244 Resp: 948868

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

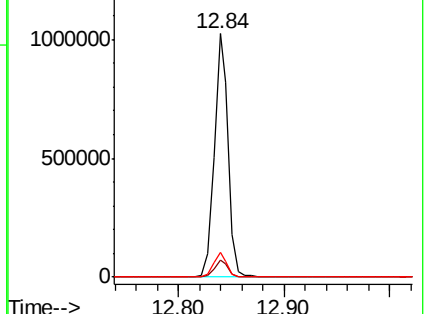
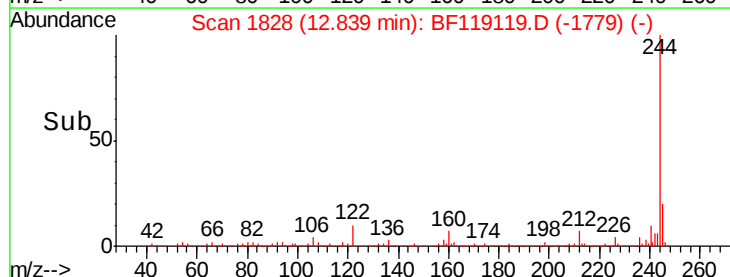
122 10.2 8.2 12.2

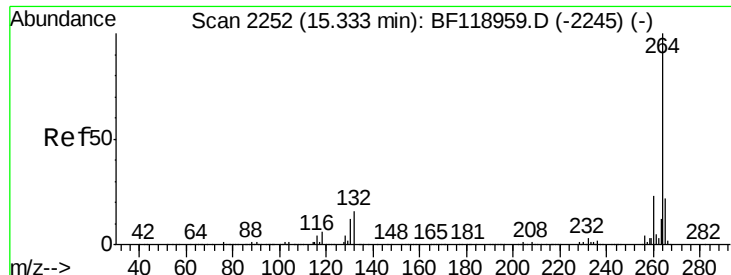


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

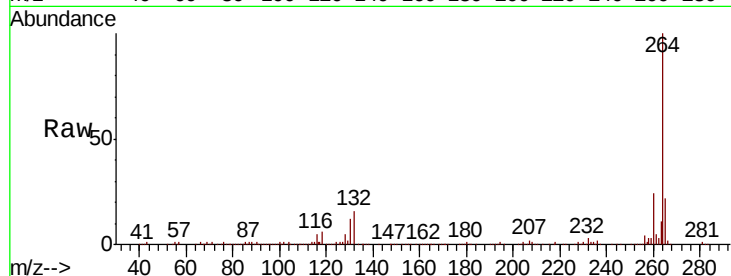




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BF119119.D
 Acq: 27 Feb 2020 19:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	365552
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.6	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

