

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119102.D
 Acq On : 27 Feb 2020 10:01
 Operator : CG/JU
 Sample : L1680-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:52:17 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

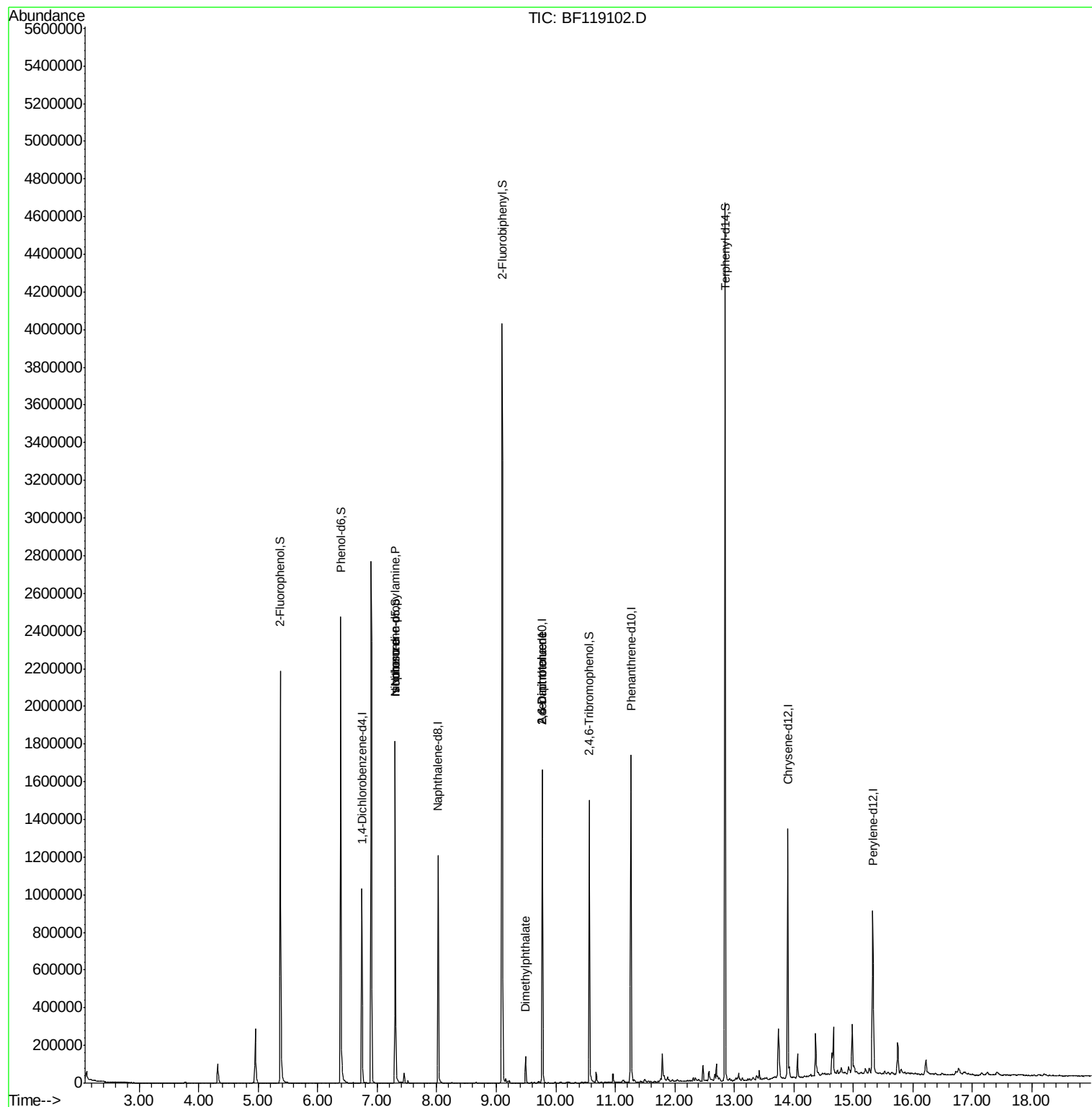
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	166551	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	632614	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	353714	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	657064	20.00	ng	0.00
76) Chrysene-d12	13.90	240	463538	20.00	ng	0.00
87) Perylene-d12	15.32	264	387896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	679210	68.15	ng	0.00
7) Phenol-d6	6.39	99	1005374	82.95	ng	-0.02
23) Nitrobenzene-d5	7.30	82	687753	57.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	197336	42.65	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	1390208	57.90	ng	-0.01
79) Terphenyl-d14	12.84	244	1679136	62.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	94086	13.322	ng	# 75
25) Isophorone	7.30	82	673178	32.352	ng	# 63
50) Dimethylphthalate	9.49	163	59150	2.187	ng	100
51) 2,6-Dinitrotoluene	9.77	165	46306	7.706	ng	# 32
57) 2,4-Dinitrotoluene	9.77	165	46306	5.945	ng	# 20

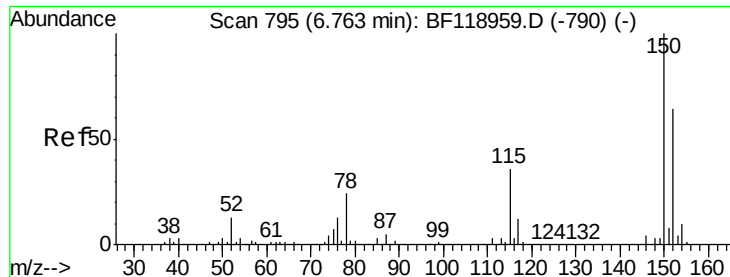
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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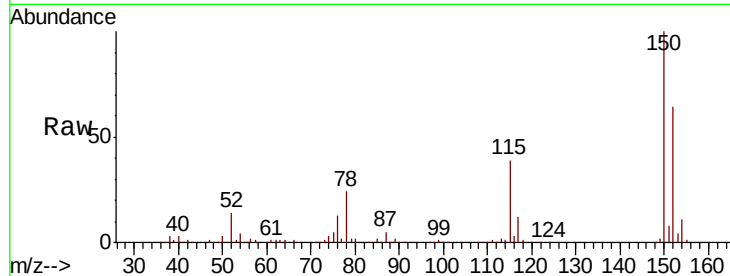


#1

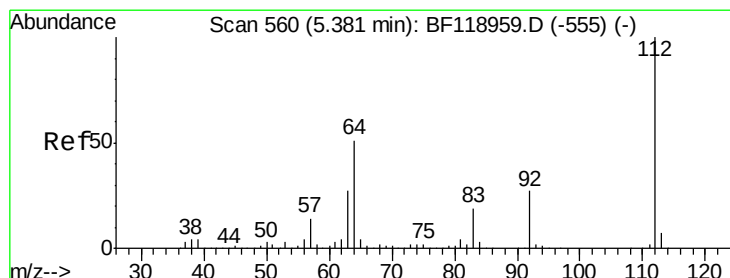
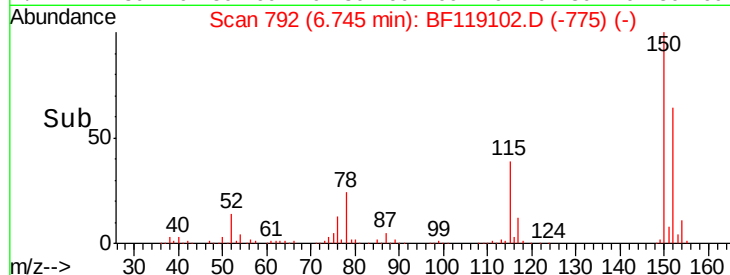
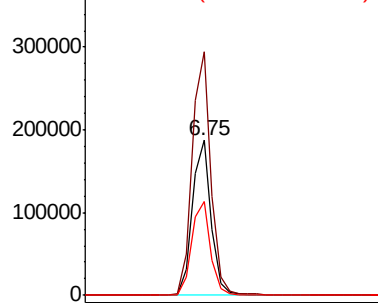
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF119102.D
 Acq: 27 Feb 2020 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 166551
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.0 184.6
 115 60.5 49.5 74.3



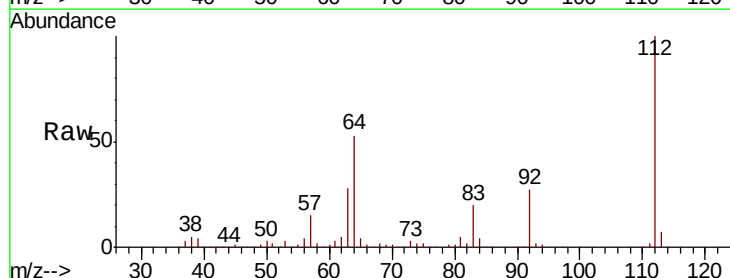
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



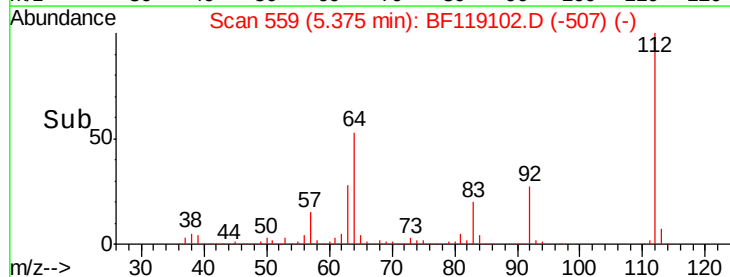
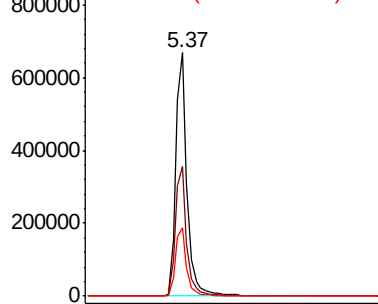
#5

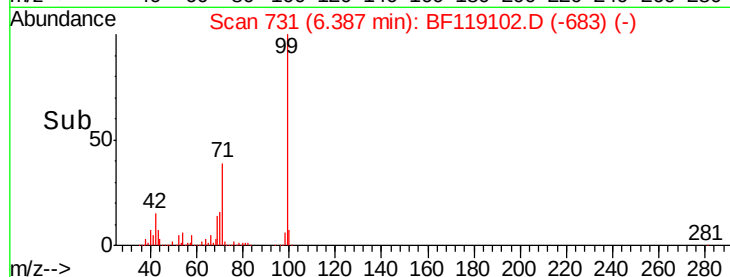
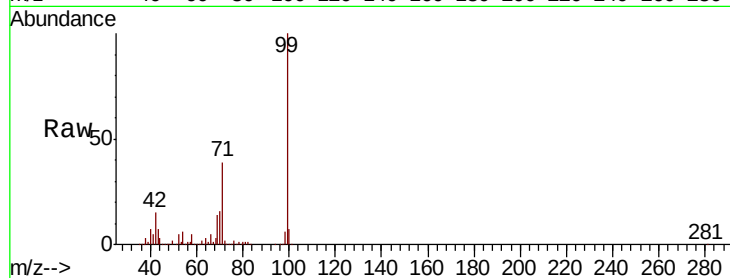
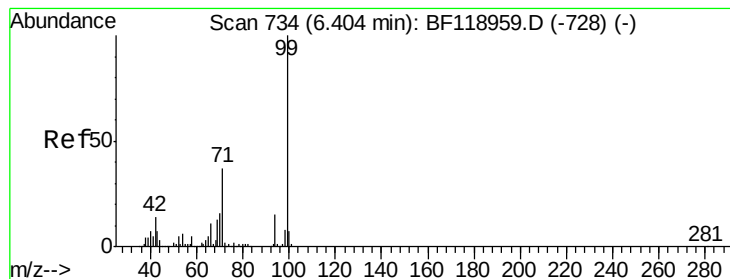
2-Fluorophenol
 Concen: 68.152 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF119102.D
 Acq: 27 Feb 2020 10:01

Tgt Ion:112 Resp: 679210
 Ion Ratio Lower Upper
 112 100
 64 53.1 45.0 67.4
 63 27.9 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: 82.948 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

Instrument :

BNA_F

ClientSampleId :

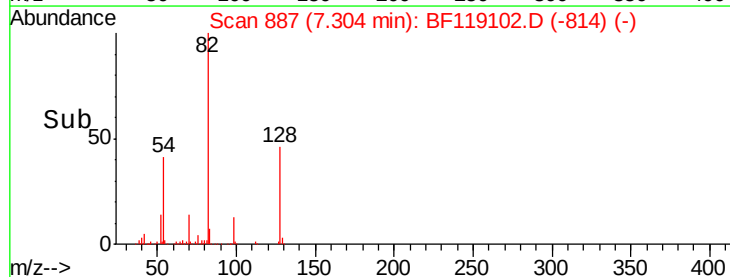
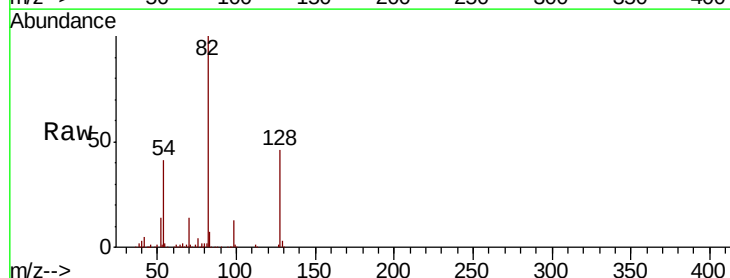
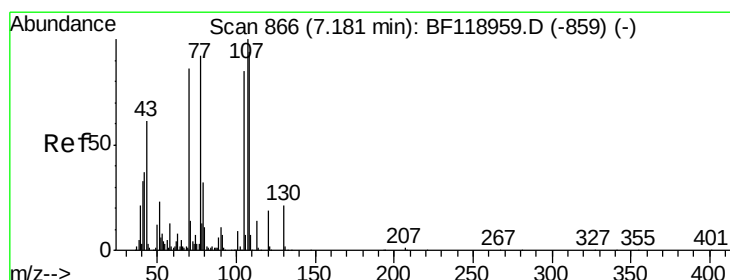
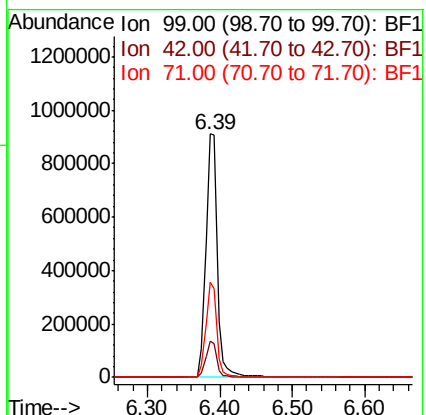
Tot Ion: 99 Resp: 1005374

Ion Ratio Lower Upper

99 100

42 15.1 12.6 18.8

71 39.0 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.322 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

Tgt Ion: 70 Resp: 94086

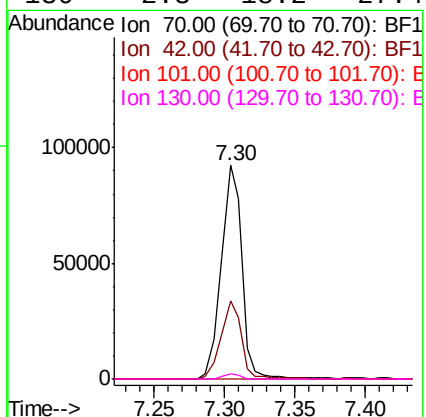
Ion Ratio Lower Upper

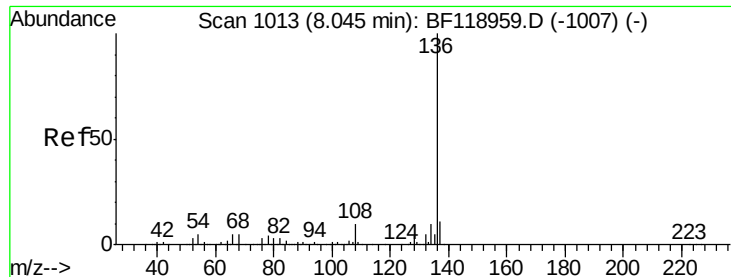
70 100

42 36.3 38.0 57.0#

101 0.0 8.2 12.4#

130 2.3 18.2 27.4#

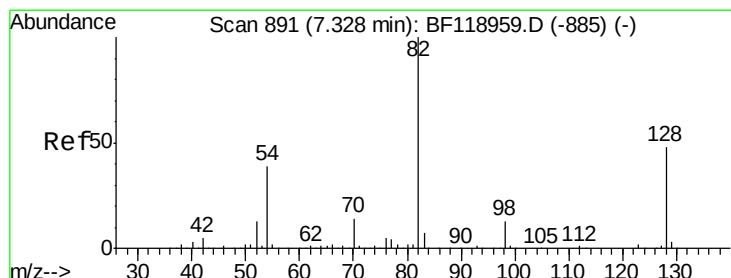
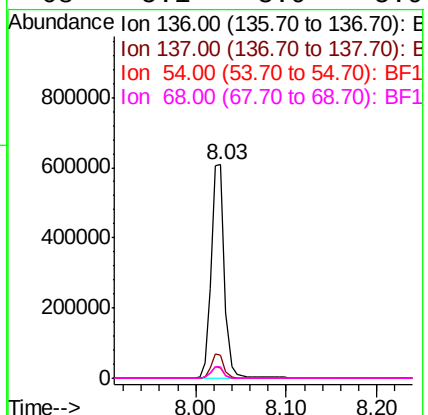
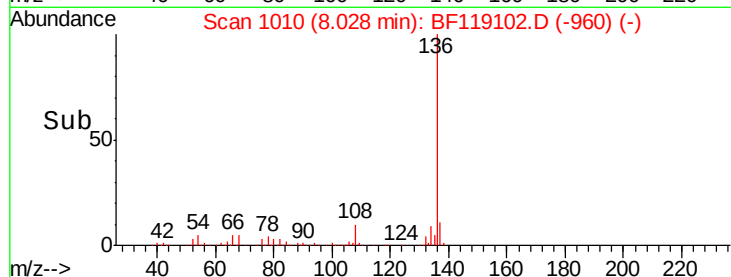
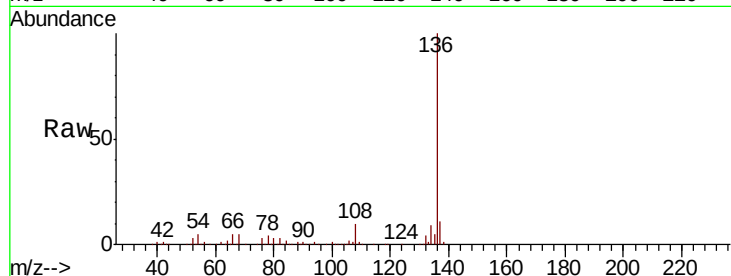




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF119102.D
Acq: 27 Feb 2020 10:01

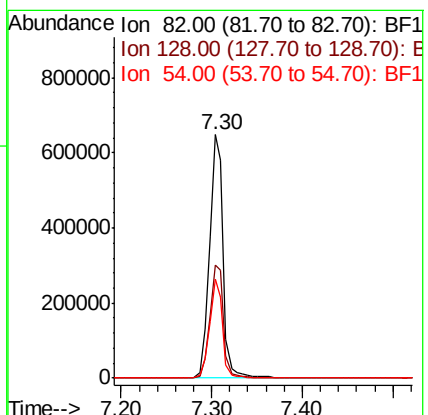
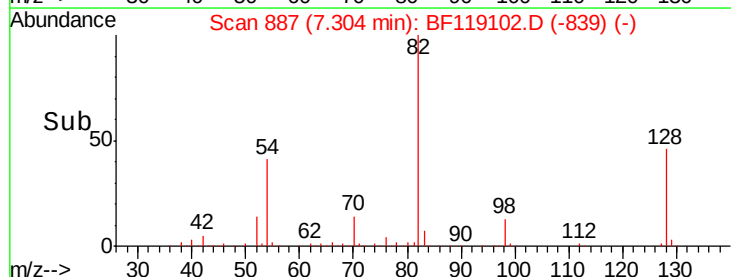
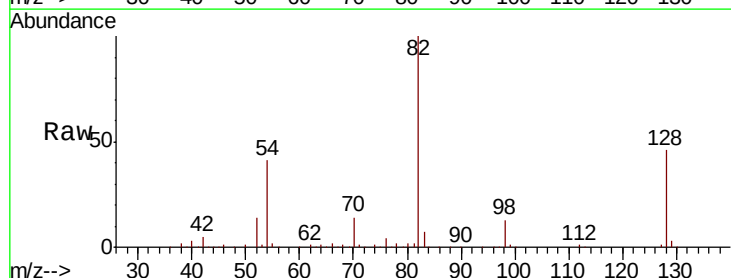
Instrument :
BNA_F
ClientSampled :

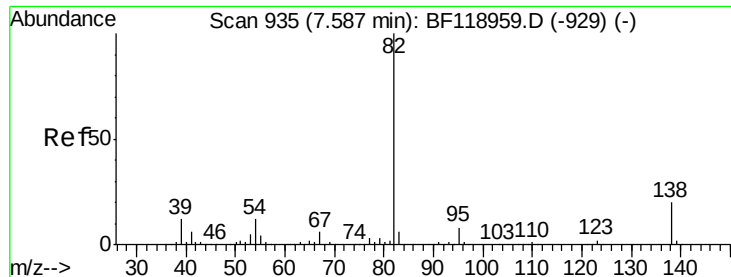
Tot Ion:136	Resp:	632614
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	4.7	3.8 5.6
68	5.1	3.9 5.9



#23
Nitrobenzene-d5
Concen: 57.402 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119102.D
Acq: 27 Feb 2020 10:01

Tgt Ion: 82	Resp:	687753
Ion	Ratio	Lower Upper
82	100	
128	46.2	37.9 56.9
54	40.7	33.4 50.2





#25

Isophorone

Concen: 32.352 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

Instrument :

BNA_F

ClientSampleId :

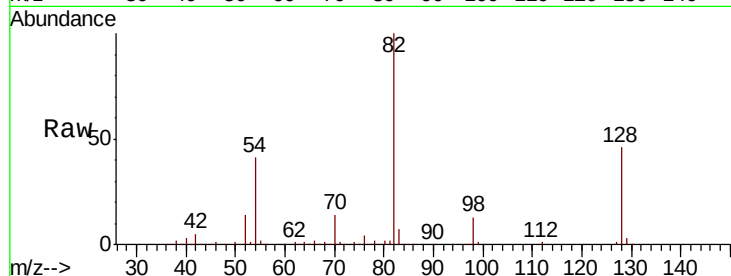
Tot Ion: 82 Resp: 673178

Ion Ratio Lower Upper

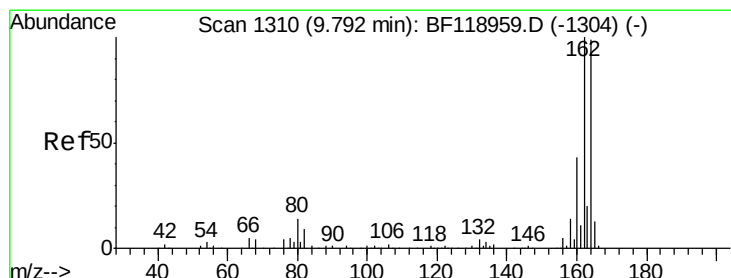
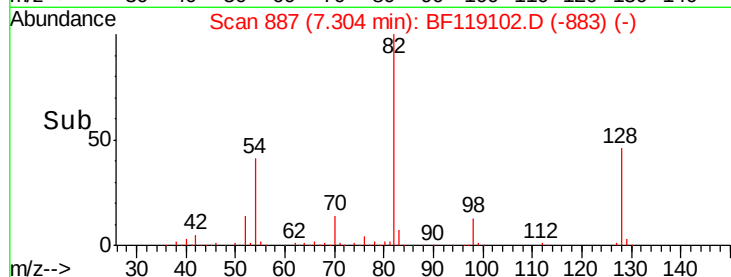
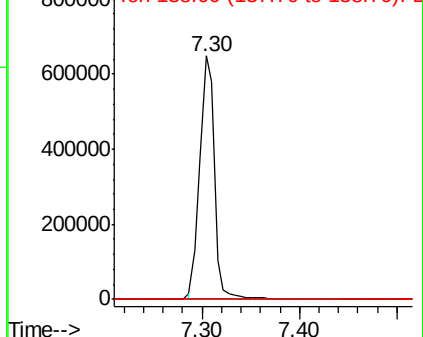
82 100

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: BF119102.D

Acq: 27 Feb 2020 10:01

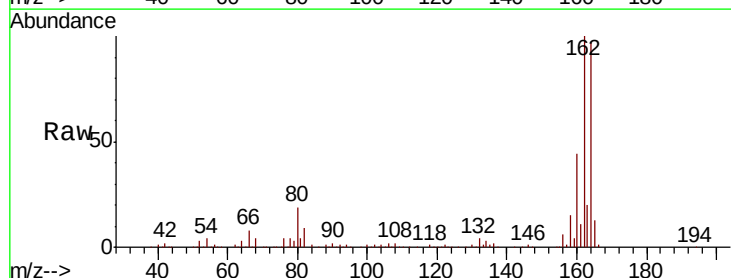
Tgt Ion:164 Resp: 353714

Ion Ratio Lower Upper

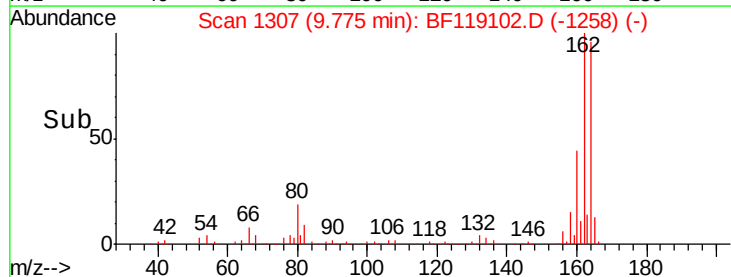
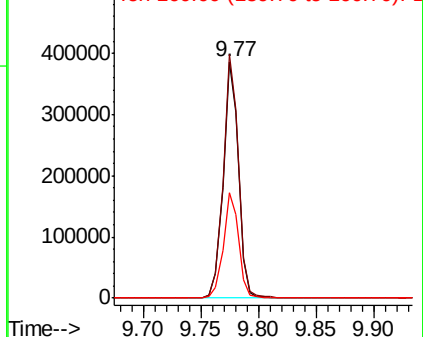
164 100

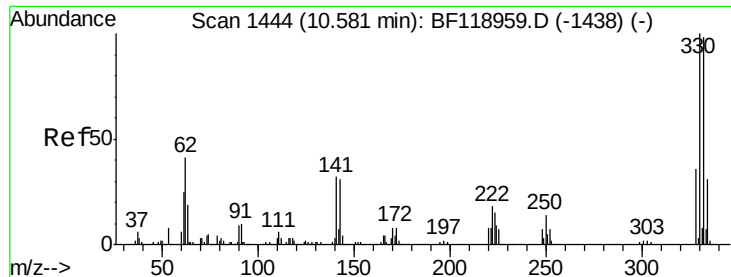
162 103.2 81.8 122.8

160 44.9 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: 42.647 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

Instrument :

BNA_F

ClientSampled :

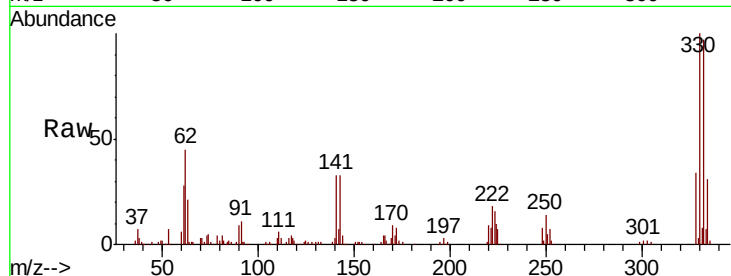
Tot Ion:330 Resp: 197336

Ion Ratio Lower Upper

330 100

332 97.7 76.0 114.0

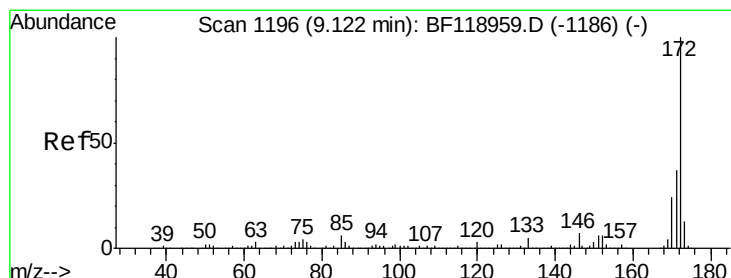
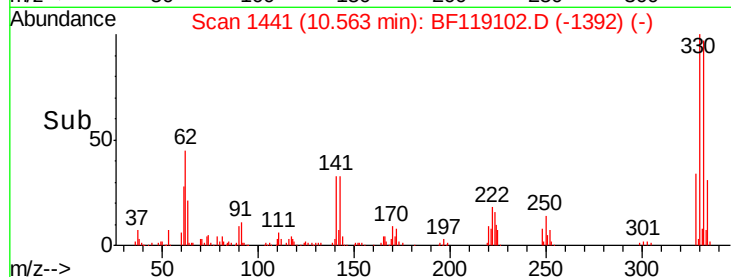
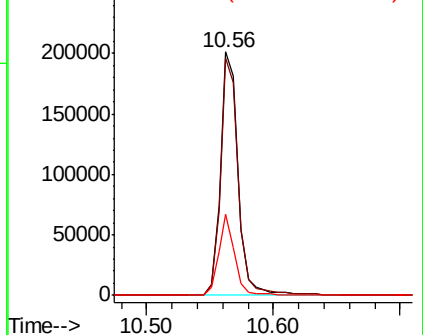
141 30.3 22.9 34.3



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: 57.900 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119102.D

Acq: 27 Feb 2020 10:01

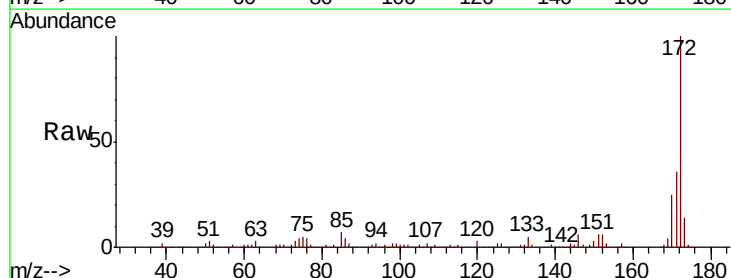
Tgt Ion:172 Resp: 1390208

Ion Ratio Lower Upper

172 100

171 36.5 30.6 45.8

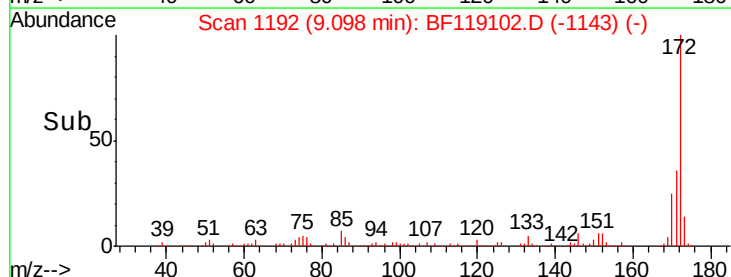
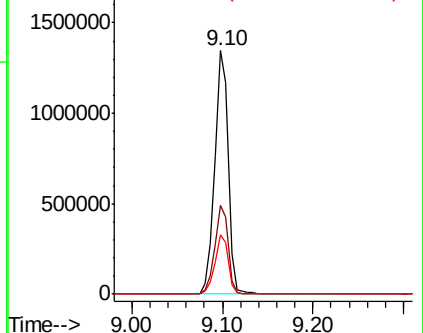
170 24.5 20.2 30.2

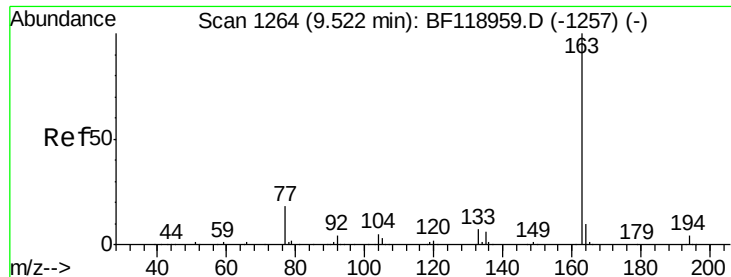


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

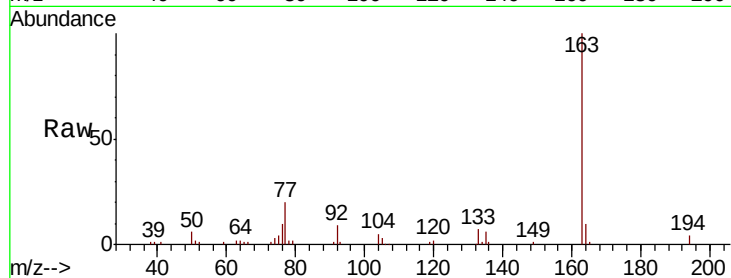




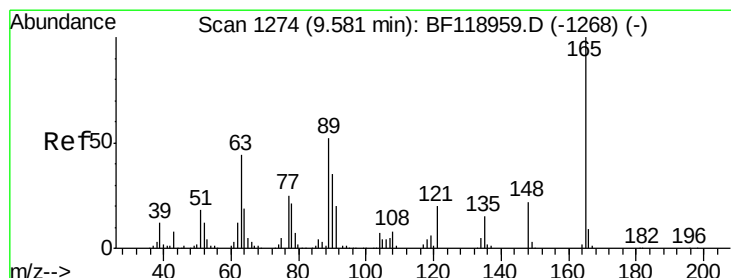
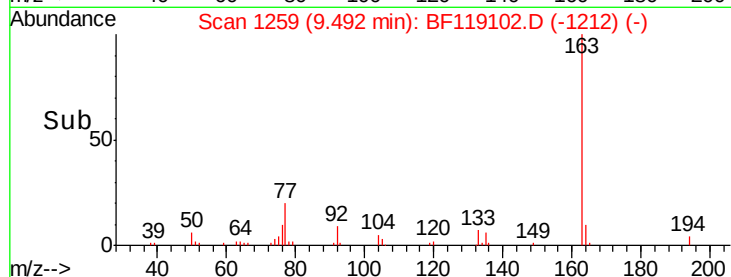
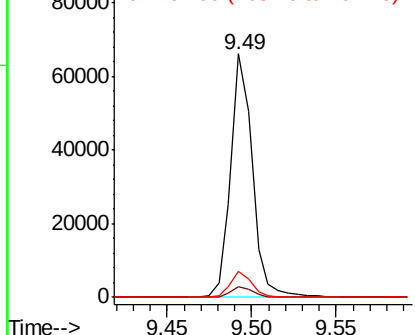
#50
Dimethylphthalate
Concen: 2.187 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119102.D
Acq: 27 Feb 2020 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 59150
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.5 8.4 12.6

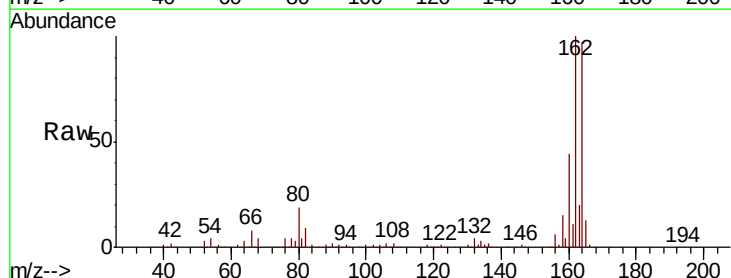


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

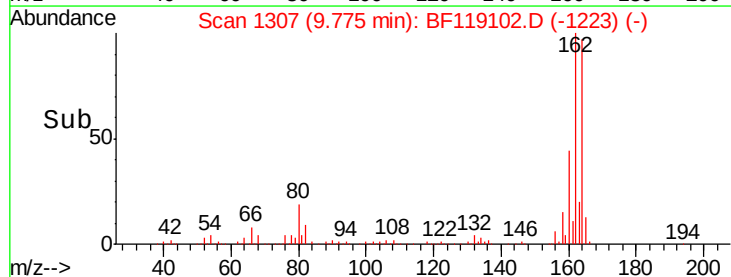
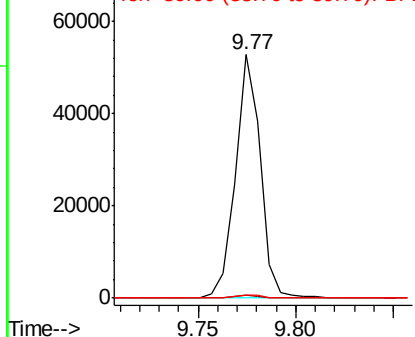


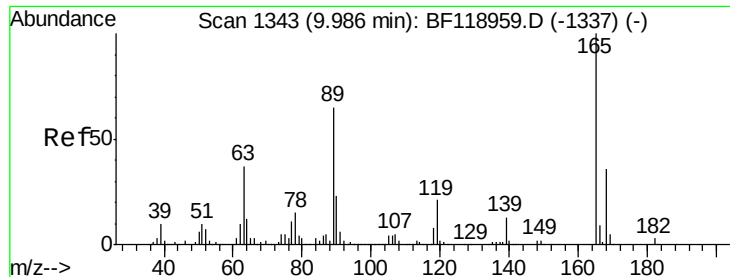
#51
2,6-Dinitrotoluene
Concen: 7.706 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.19 min
Lab File: BF119102.D
Acq: 27 Feb 2020 10:01

Tgt Ion:165 Resp: 46306
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.2 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

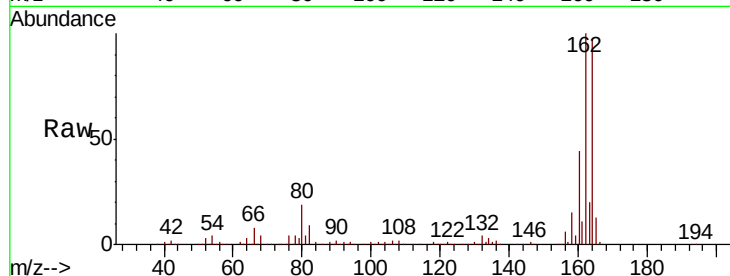




#57
 2,4-Dinitrotoluene
 Concen: 5.945 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF119102.D
 Acq: 27 Feb 2020 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.3	63.5#
89	1.2	60.2	90.4#
182	0.0	2.3	3.5#



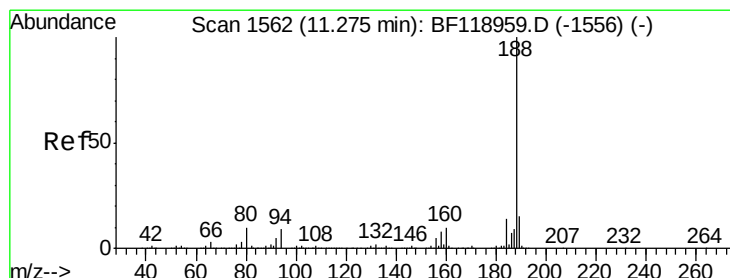
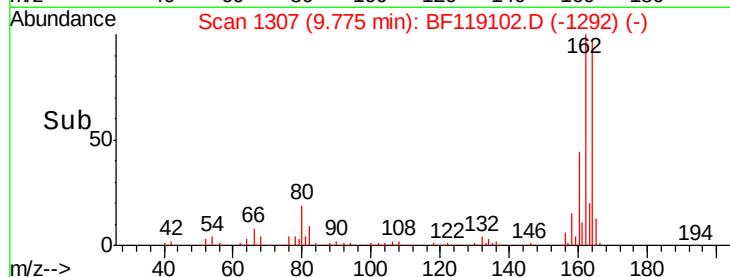
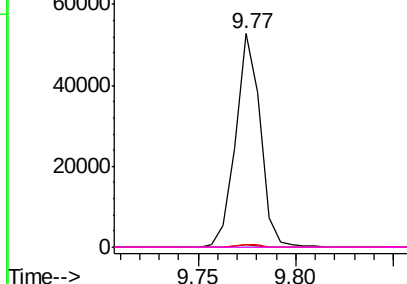
Abundance

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# 1560
 Delta R.T. -0.00 min
 Lab File: BF119102.D
 Acq: 27 Feb 2020 10:01

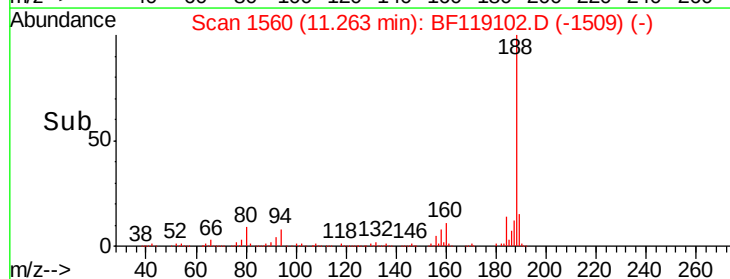
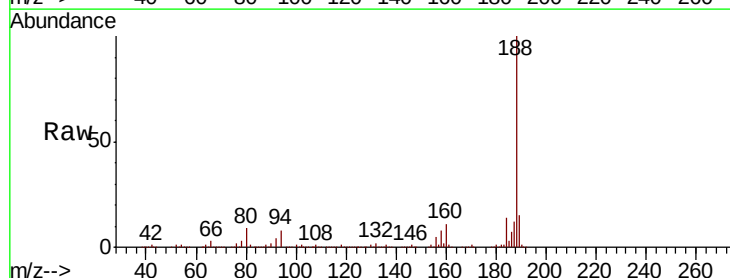
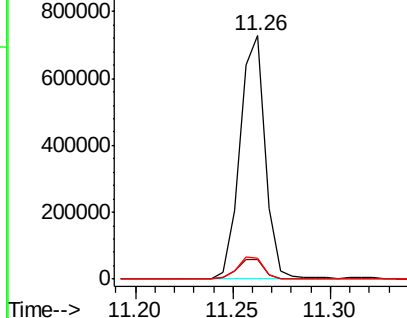
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	8.8	7.8	11.8

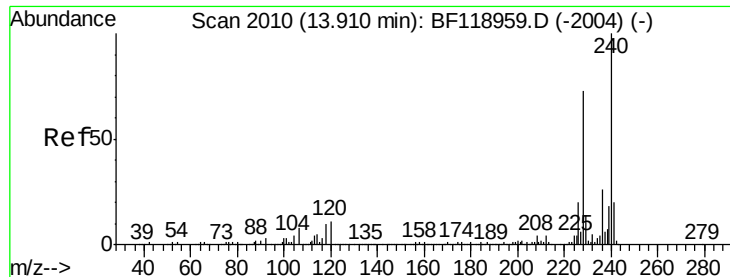
Abundance

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

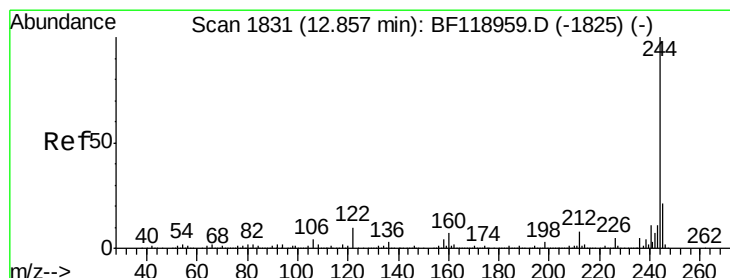
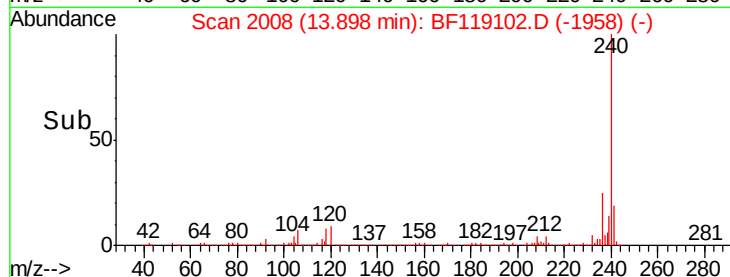
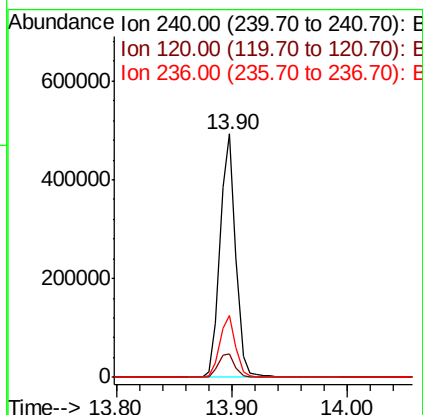
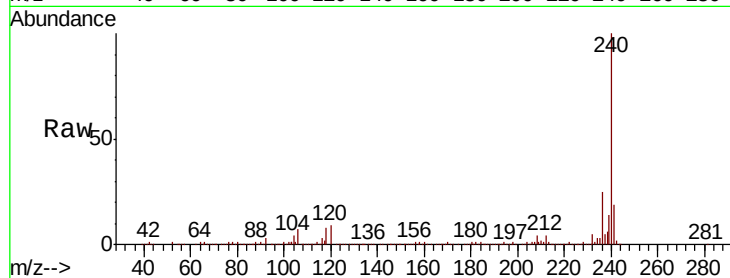




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119102.D
 Acq: 27 Feb 2020 10:01

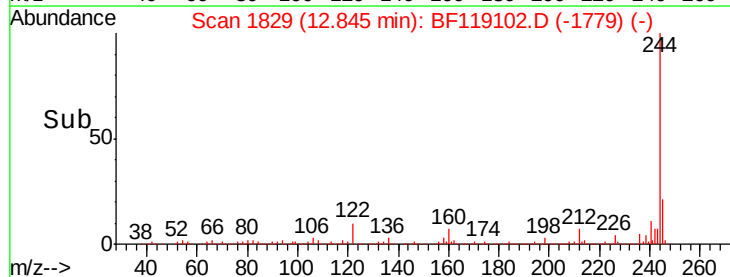
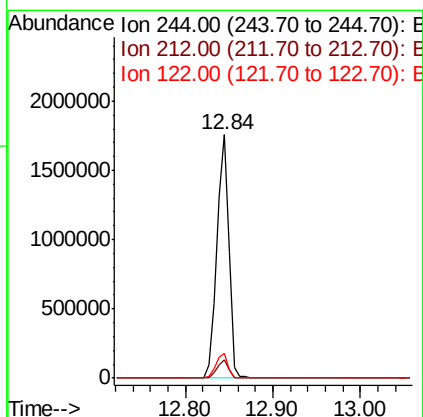
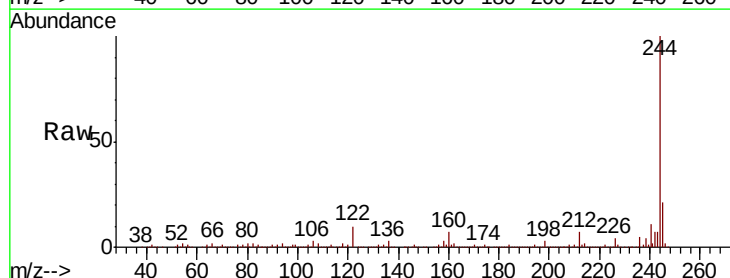
Instrument :
 BNA_F
 ClientSampleId :

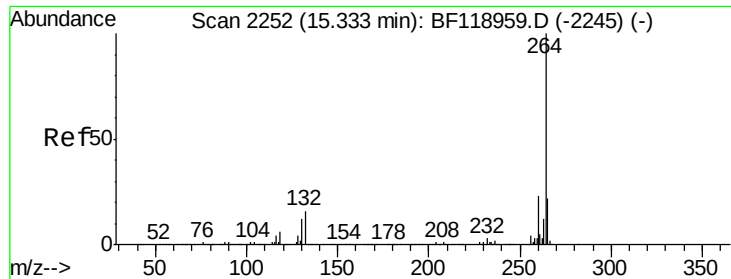
Tot Ion:240 Resp: 463538
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.4 12.6
 236 25.4 21.0 31.4



#79
 Terphenyl-d14
 Concen: 62.367 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119102.D
 Acq: 27 Feb 2020 10:01

Tgt Ion:244 Resp: 1679136
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 10.0
 122 10.0 8.2 12.2

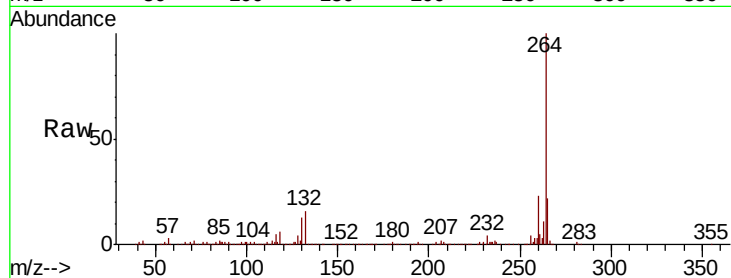




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF119102.D
Acq: 27 Feb 2020 10:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	22.0	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

