

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119057.D
 Acq On : 25 Feb 2020 9:40
 Operator : CG/JU
 Sample : L1684-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 10:29:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

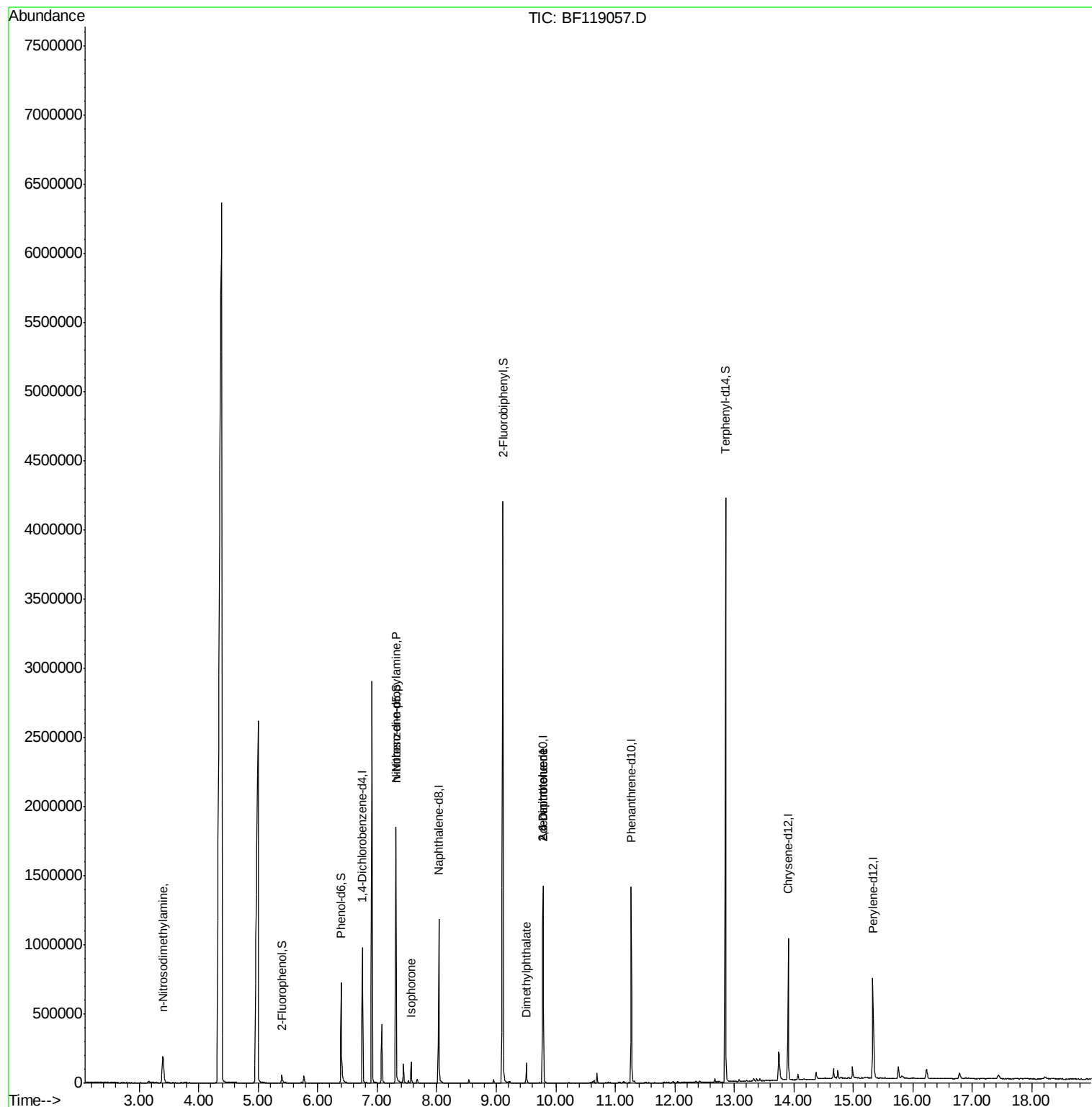
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	148406	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	575940	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	311971	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	542998	20.00	ng	0.00
76) Chrysene-d12	13.90	240	351442	20.00	ng	0.00
87) Perylene-d12	15.33	264	357213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	28674	3.23	ng	0.01
7) Phenol-d6	6.39	99	280915	26.01	ng	-0.01
23) Nitrobenzene-d5	7.32	82	682937	62.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	453	0.11	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1397417	65.99	ng	-0.01
79) Terphenyl-d14	12.85	244	1534033	75.15	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.40	42	6940	2.122	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	93309	14.827	ng	# 74
25) Isophorone	7.57	82	64416	3.400	ng	96
50) Dimethylphthalate	9.50	163	77744	3.259	ng	99
51) 2,6-Dinitrotoluene	9.79	165	39860	7.521	ng	# 29
57) 2,4-Dinitrotoluene	9.79	165	39860	5.802	ng	# 28

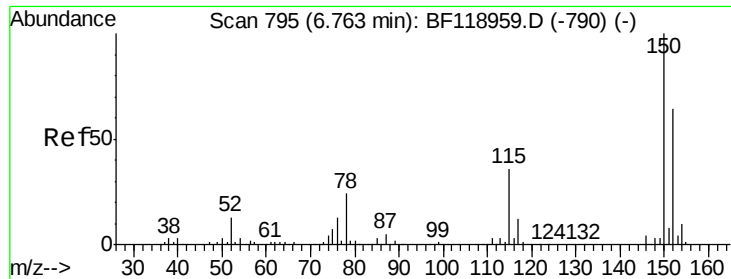
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 30 Sample Multiplier: 1

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BNA_F
ClientSampleId :

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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QLast Update : Thu Feb 20 17:40:17 2020
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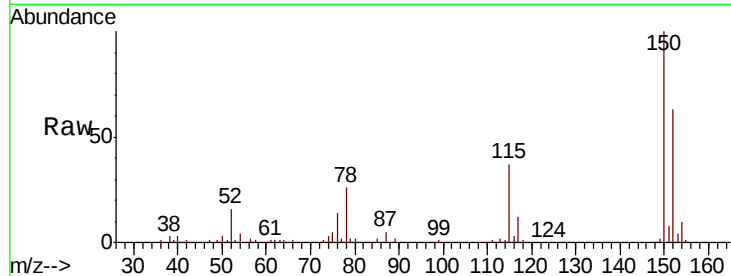


#1

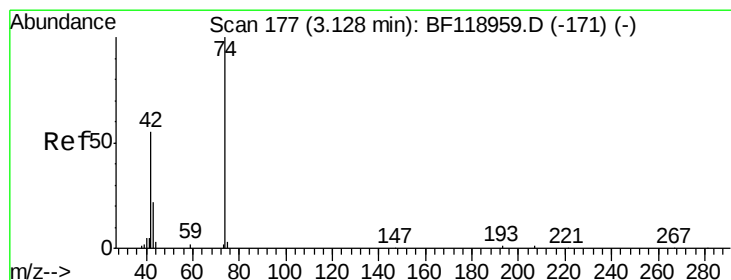
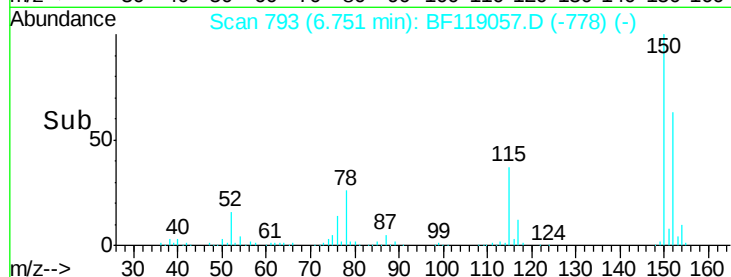
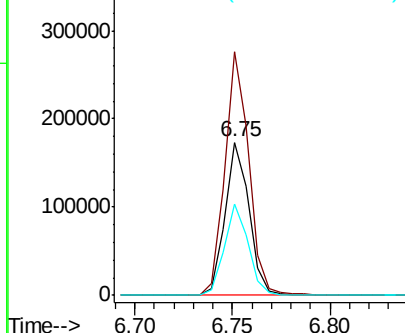
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119057.D
Acq: 25 Feb 2020 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.3	186.5
115	59.2	44.6	67.0



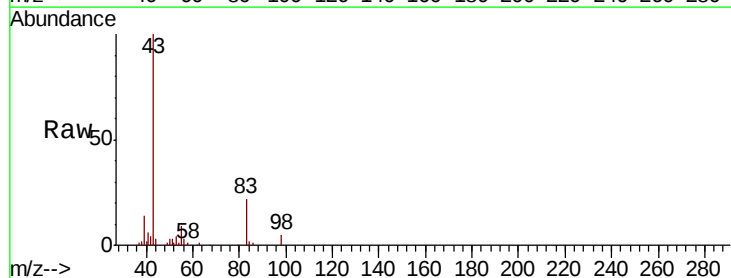
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



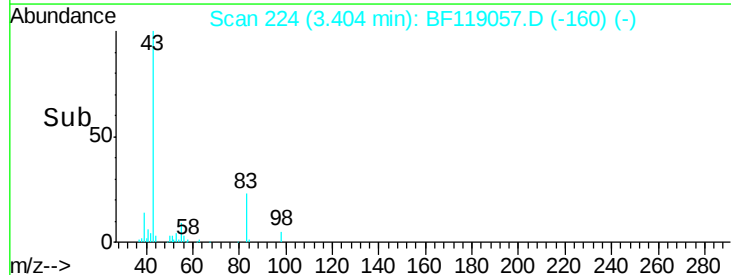
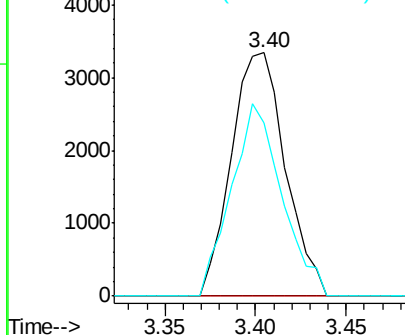
#4

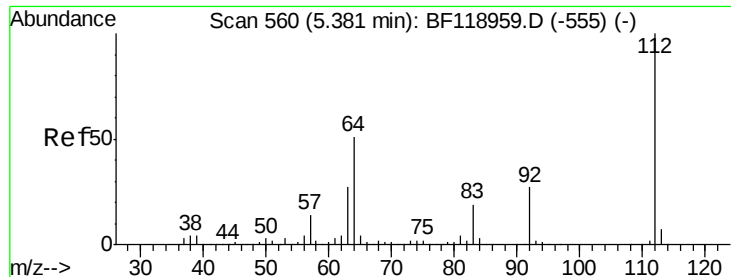
n-Nitrosodimethylamine
Concen: 2.122 ng
RT: 3.40 min Scan# 224
Delta R.T. 0.28 min
Lab File: BF119057.D
Acq: 25 Feb 2020 9:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	144.4	216.6#
44	71.0	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

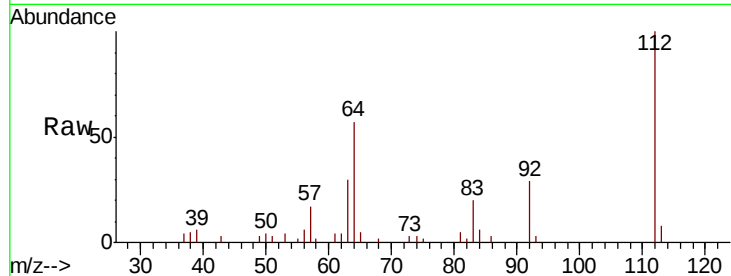




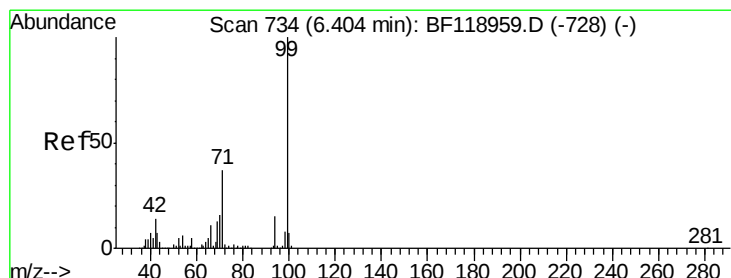
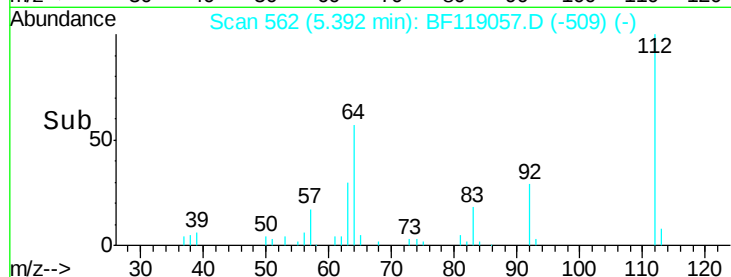
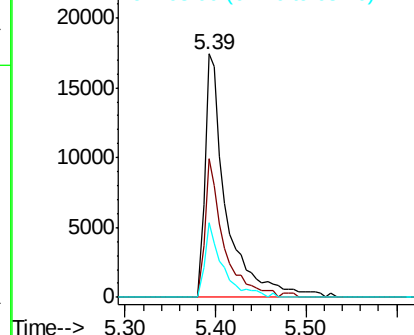
#5
2-Fluorophenol
Concen: 3.229 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF119057.D
Acq: 25 Feb 2020 9:40

Instrument :
BNA_F
ClientSampled :

Tot Ion: 112 Resp: 28674
Ion Ratio Lower Upper
112 100
64 56.8 40.4 60.6
63 30.4 21.3 31.9

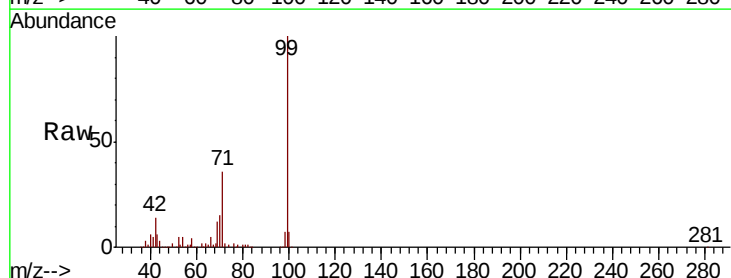


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

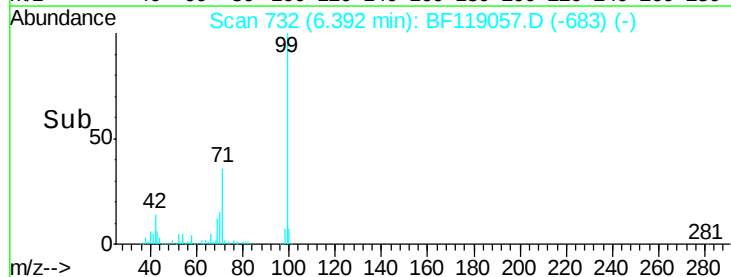
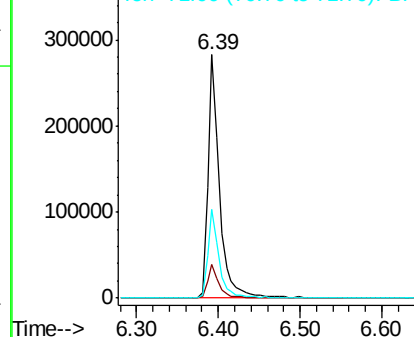


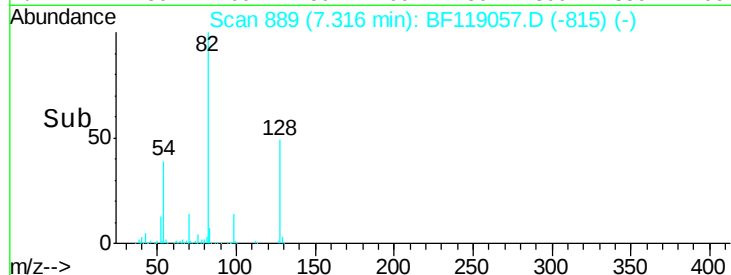
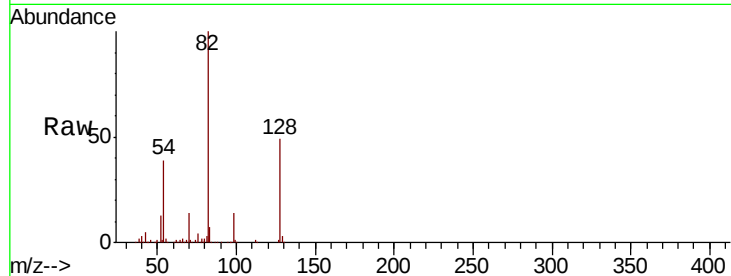
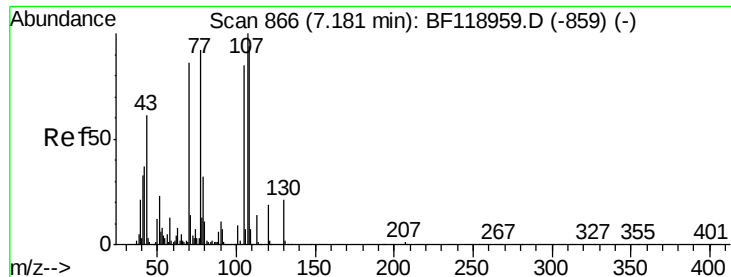
#7
Phenol-d6
Concen: 26.010 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF119057.D
Acq: 25 Feb 2020 9:40

Tgt Ion: 99 Resp: 280915
Ion Ratio Lower Upper
99 100
42 13.7 11.4 17.0
71 36.4 29.8 44.6



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

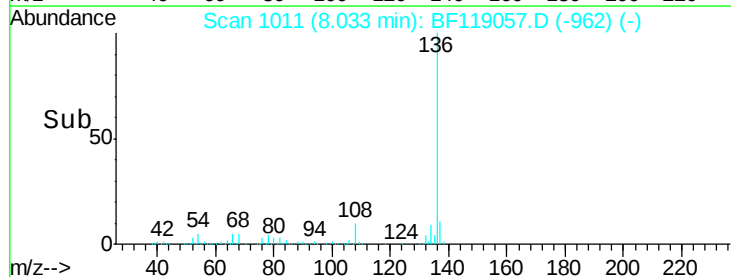
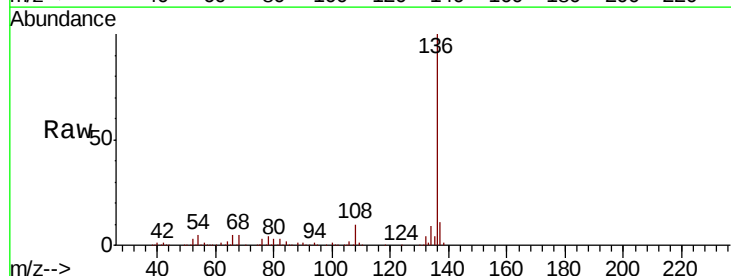
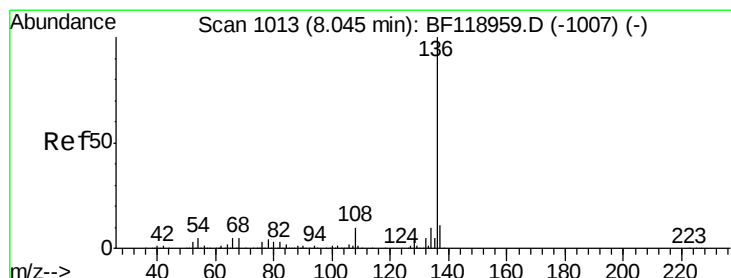
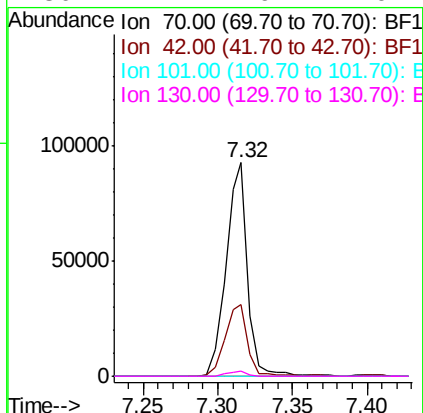




#19
n-Nitroso-di-n-propylamine
Concen: 14.827 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119057.D
Acq: 25 Feb 2020 9:40

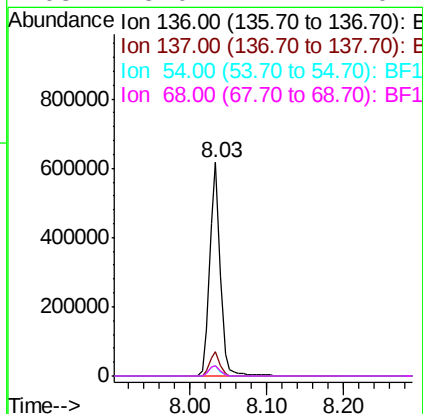
Instrument :
BNA_F
ClientSampleId :

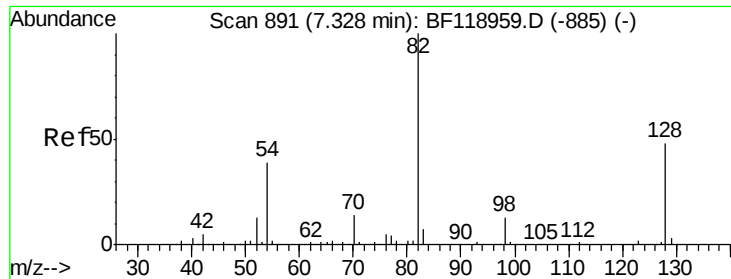
Tot Ion	Ratio	Lower	Upper
70	100		
42	33.5	34.6	51.8#
101	0.0	8.1	12.1#
130	2.4	19.4	29.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119057.D
Acq: 25 Feb 2020 9:40

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	4.7	3.8	5.6
68	5.0	4.2	6.2

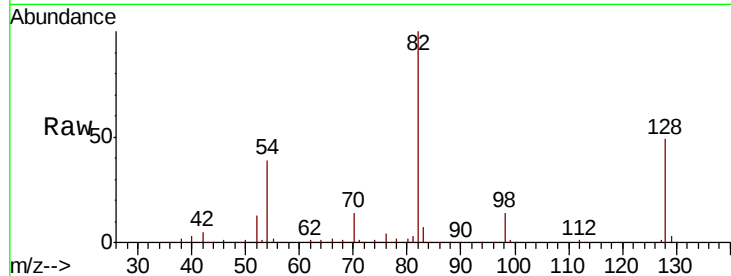




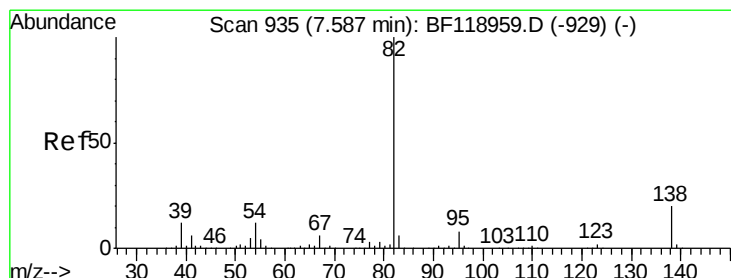
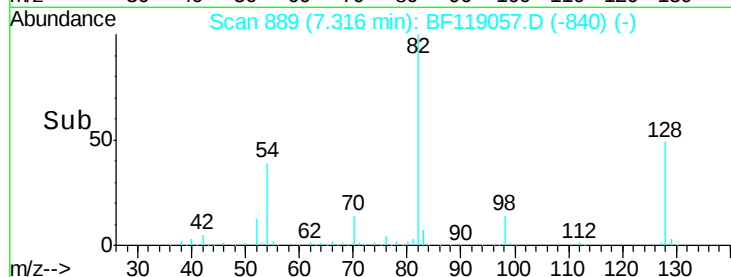
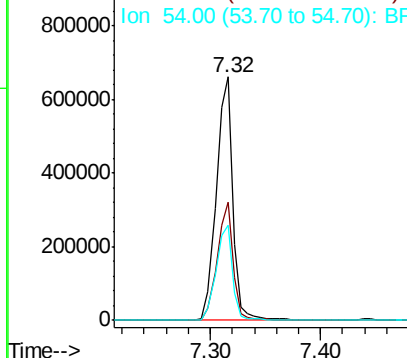
#23
Nitrobenzene-d5
Concen: 62.609 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119057.D
Acq: 25 Feb 2020 9:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.2	57.2
54	39.3	31.3	46.9

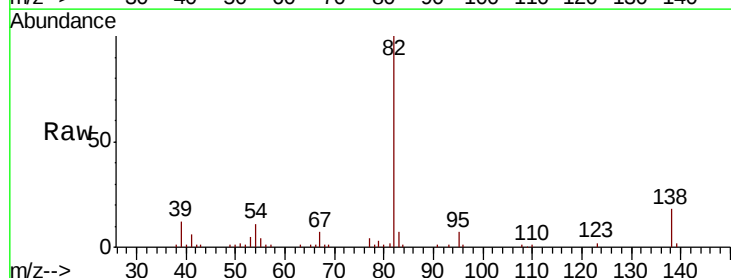


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

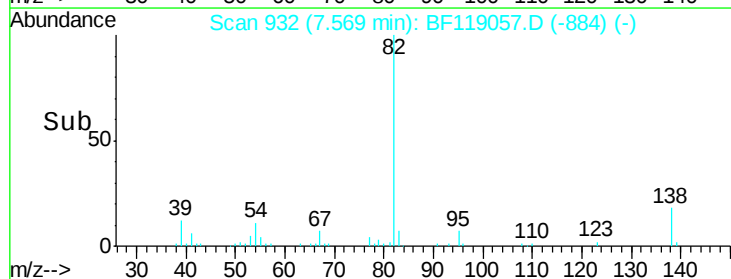
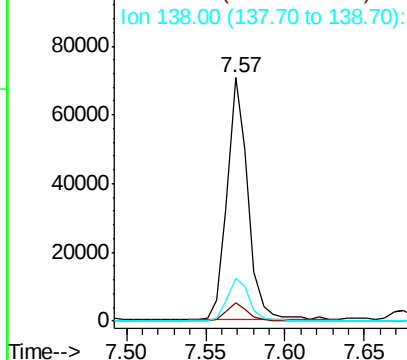


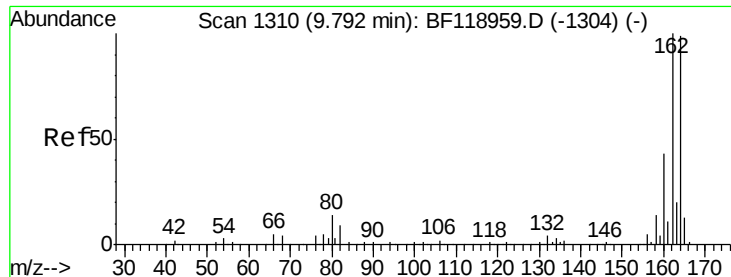
#25
Isophorone
Concen: 3.400 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF119057.D
Acq: 25 Feb 2020 9:40

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.1	9.1
138	17.5	15.8	23.6



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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119057.D

Acq: 25 Feb 2020 9:40

Instrument :

BNA_F

ClientSampleId :

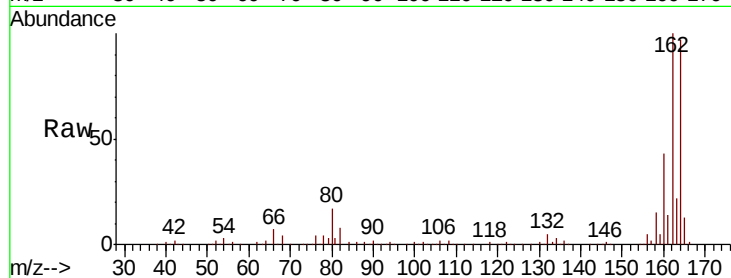
Tot Ion:164 Resp: 311971

Ion Ratio Lower Upper

164 100

162 103.4 81.2 121.8

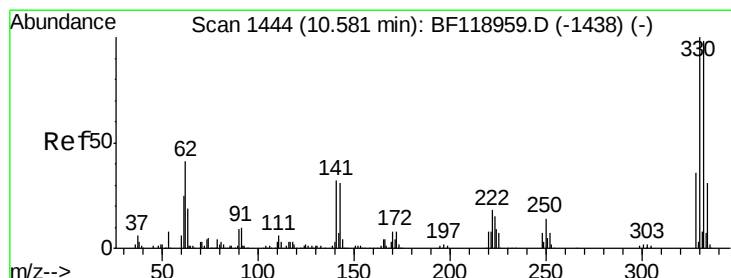
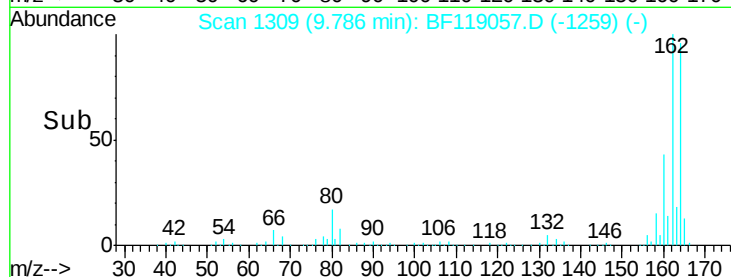
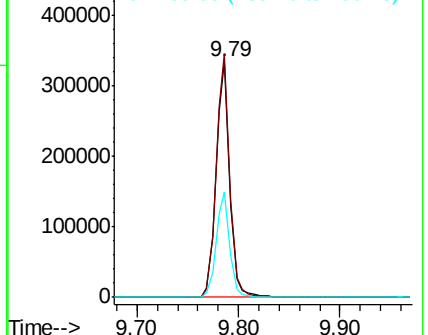
160 44.8 35.2 52.8



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: 0.111 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF119057.D

Acq: 25 Feb 2020 9:40

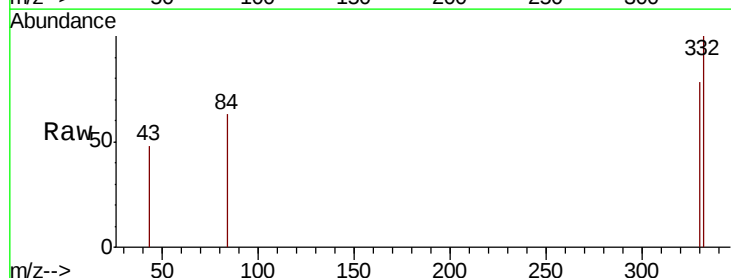
Tgt Ion:330 Resp: 453

Ion Ratio Lower Upper

330 100

332 138.9 77.1 115.7#

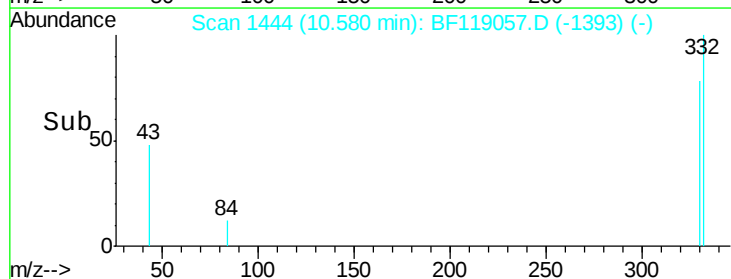
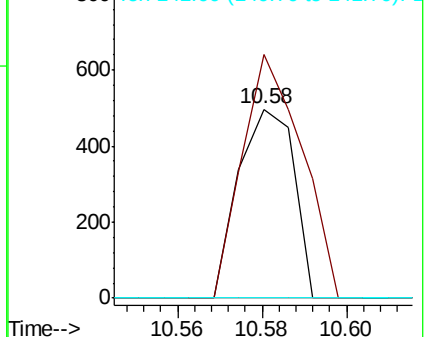
141 0.0 23.0 34.6#

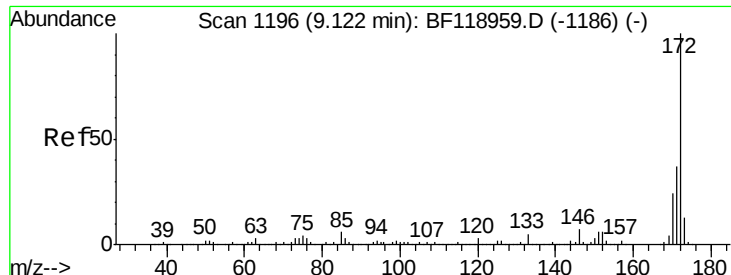


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

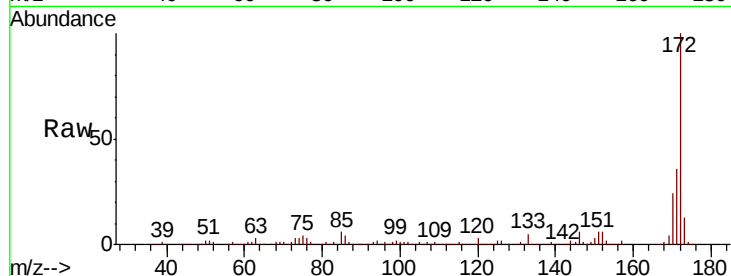




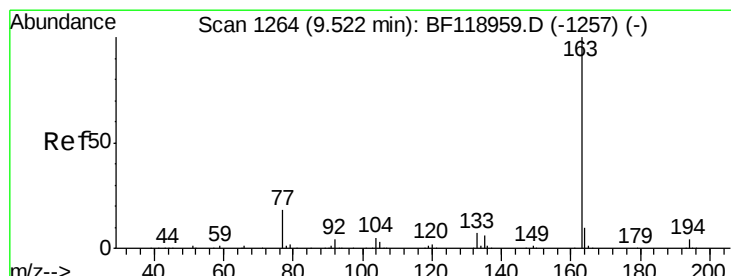
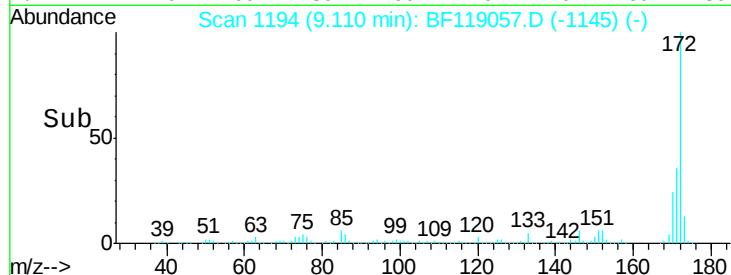
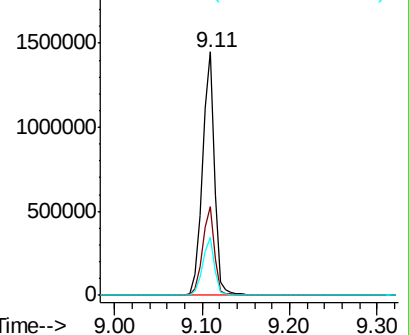
#45
2-Fluorobiphenyl
Concen: 65.988 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF119057.D
Acq: 25 Feb 2020 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1397417
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.2
170 24.0 19.6 29.4

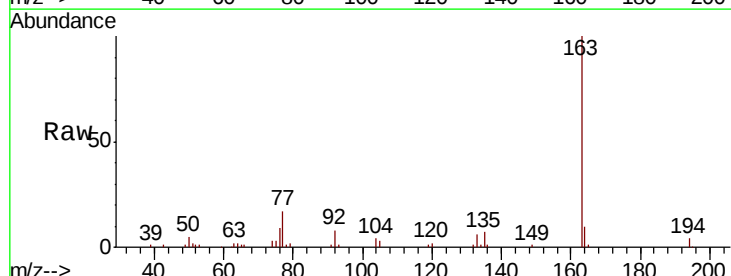


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

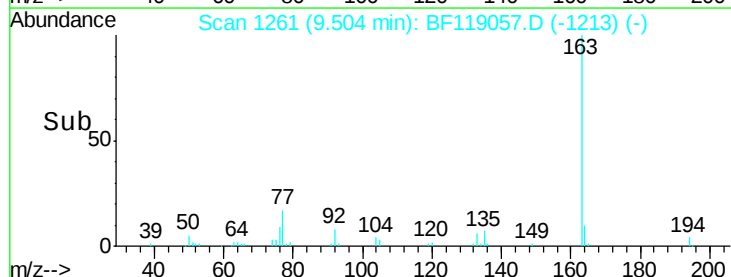
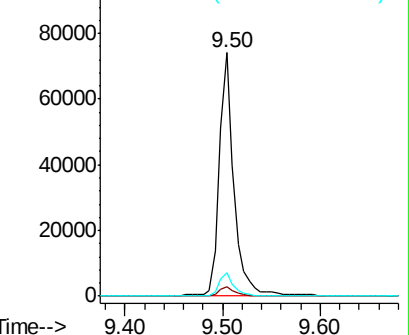


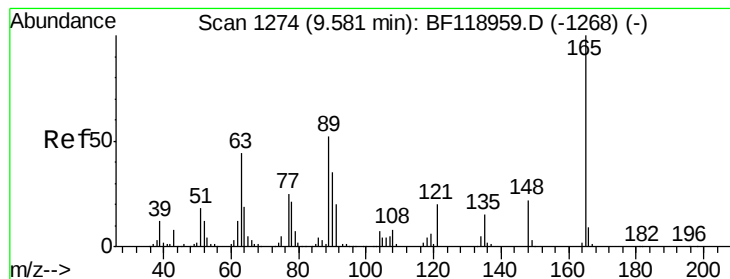
#50
Dimethylphthalate
Concen: 3.259 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119057.D
Acq: 25 Feb 2020 9:40

Tgt Ion:163 Resp: 77744
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
100000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.521 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119057.D

Acq: 25 Feb 2020 9:40

Instrument :

BNA_F

ClientSampleId :

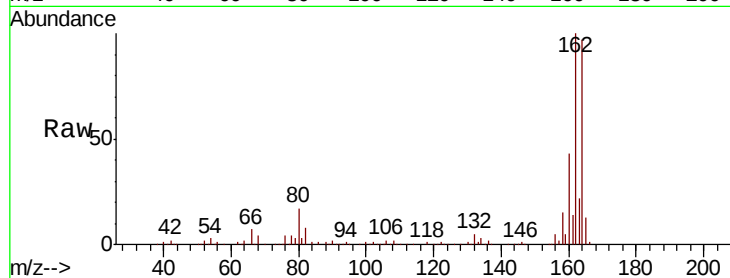
Tot Ion:165 Resp: 39860

Ion Ratio Lower Upper

165 100

63 1.2 37.9 56.9#

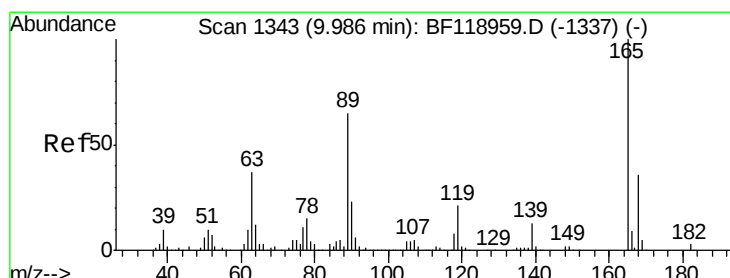
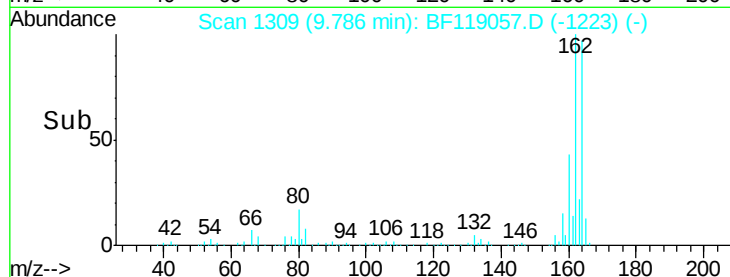
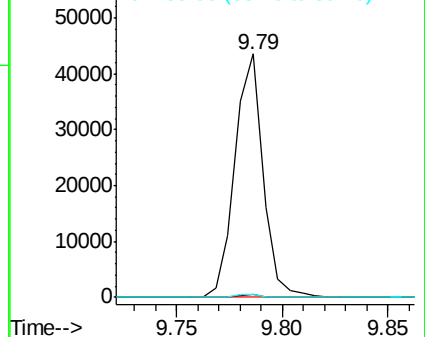
89 1.1 41.4 62.0#



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: 5.802 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF119057.D

Acq: 25 Feb 2020 9:40

Tgt Ion:165 Resp: 39860

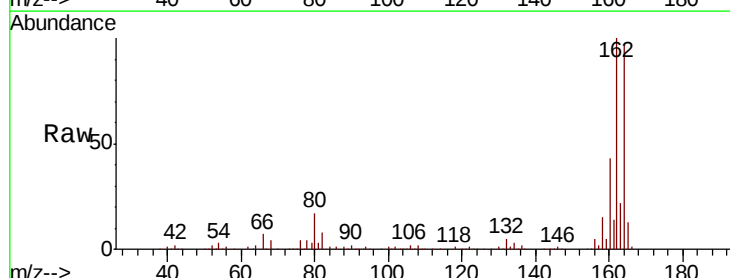
Ion Ratio Lower Upper

165 100

63 1.2 29.8 44.8#

89 1.1 51.9 77.9#

182 0.0 2.3 3.5#

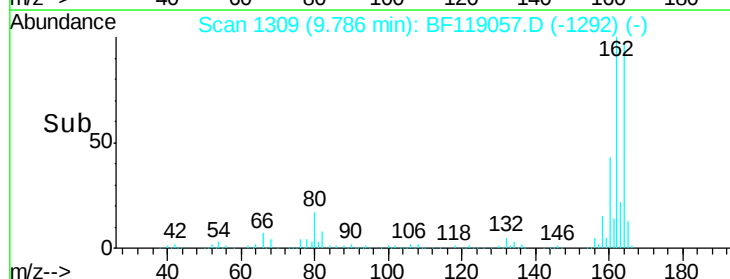
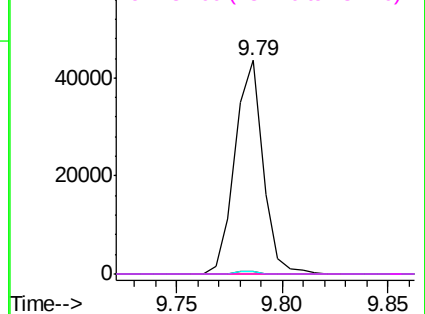


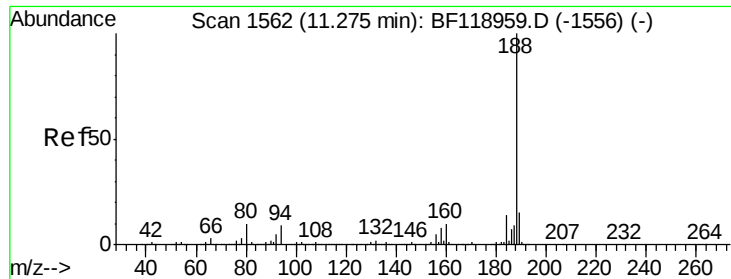
Abundance Ion 165.00 (164.70 to 165.70): E

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

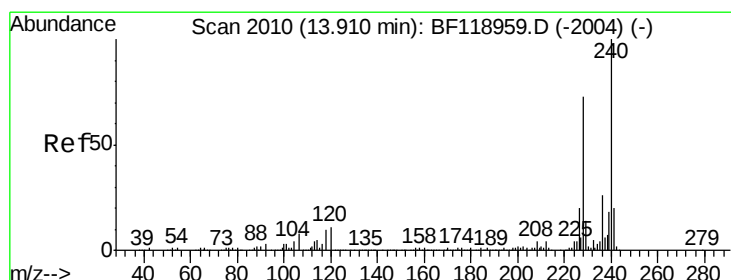
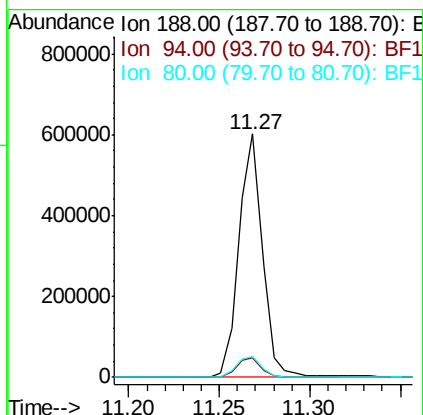
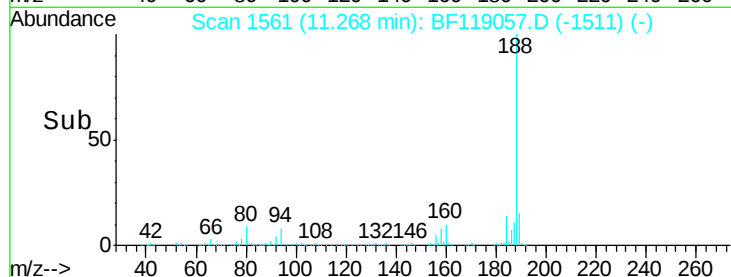
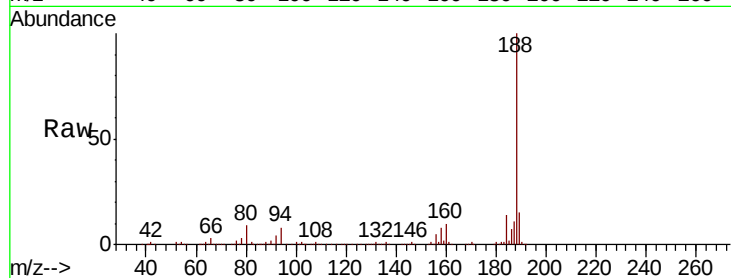




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119057.D
Acq: 25 Feb 2020 9:40

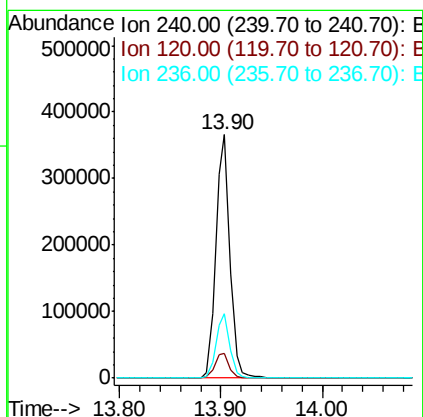
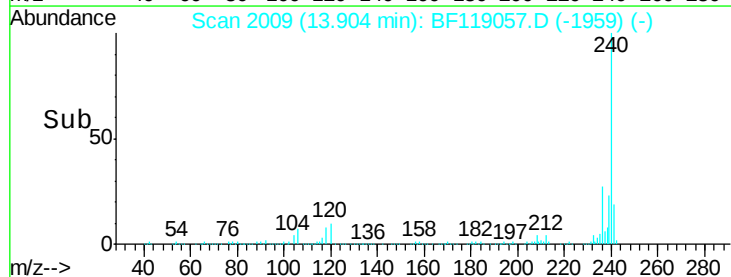
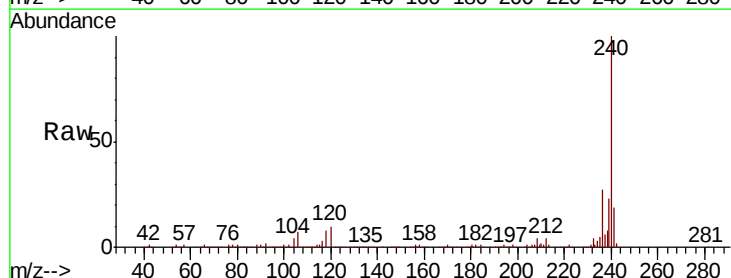
Instrument :
BNA_F
ClientSampleId :

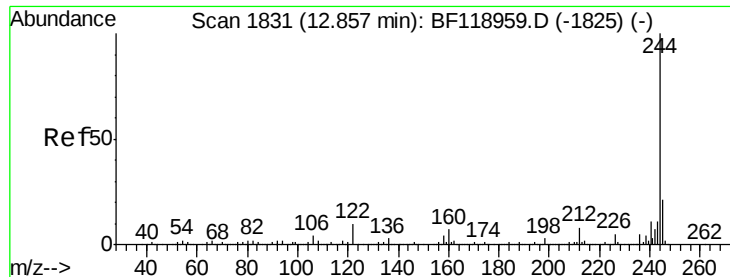
Tot Ion	188	Ratio	Lower	Upper
188	100			
94	8.2	7.0	10.6	
80	8.8	7.9	11.9	



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119057.D
Acq: 25 Feb 2020 9:40

Tgt Ion	240	Ratio	Lower	Upper
240	100			
120	9.9	8.9	13.3	
236	26.6	20.6	30.8	





#79

Terphenyl-d14

Concen: 75.151 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119057.D

Acq: 25 Feb 2020 9:40

Instrument :

BNA_F

ClientSampleId :

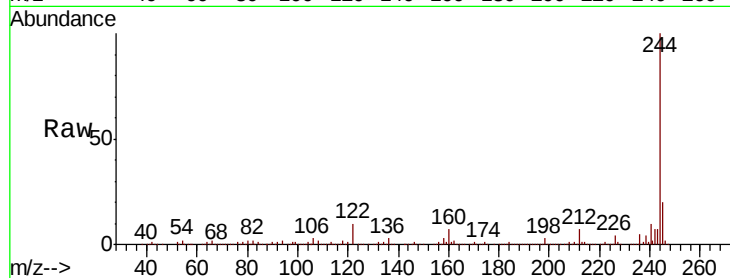
Tot Ion:244 Resp: 1534033

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

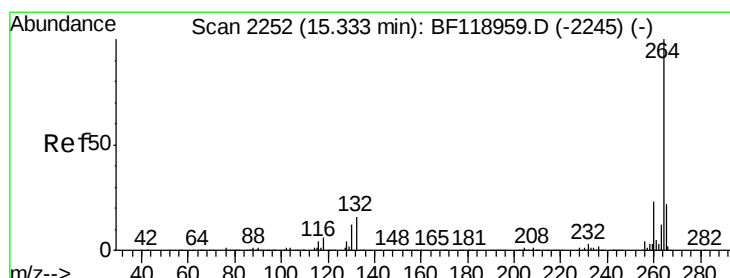
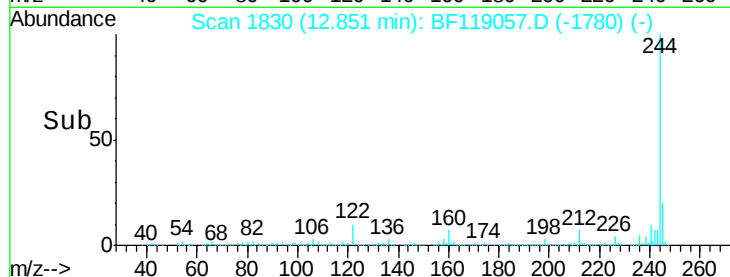
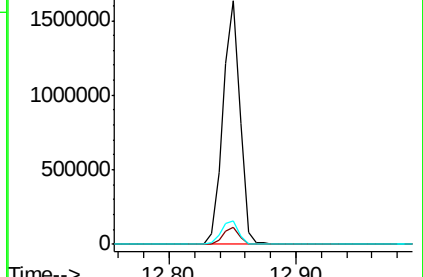
122 9.6 8.4 12.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119057.D

Acq: 25 Feb 2020 9:40

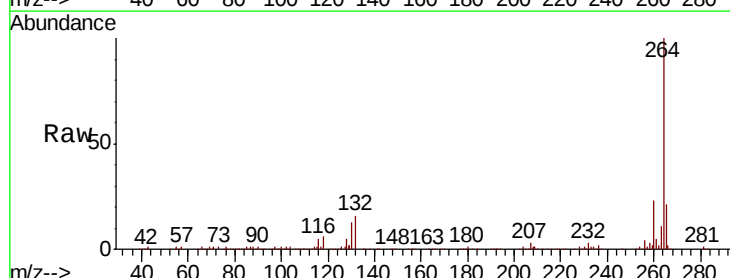
Tgt Ion:264 Resp: 357213

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 20.9 17.3 25.9



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

