

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119398.D
 Acq On : 12 Mar 2020 23:55
 Operator : CG/JU
 Sample : L1889-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:48:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

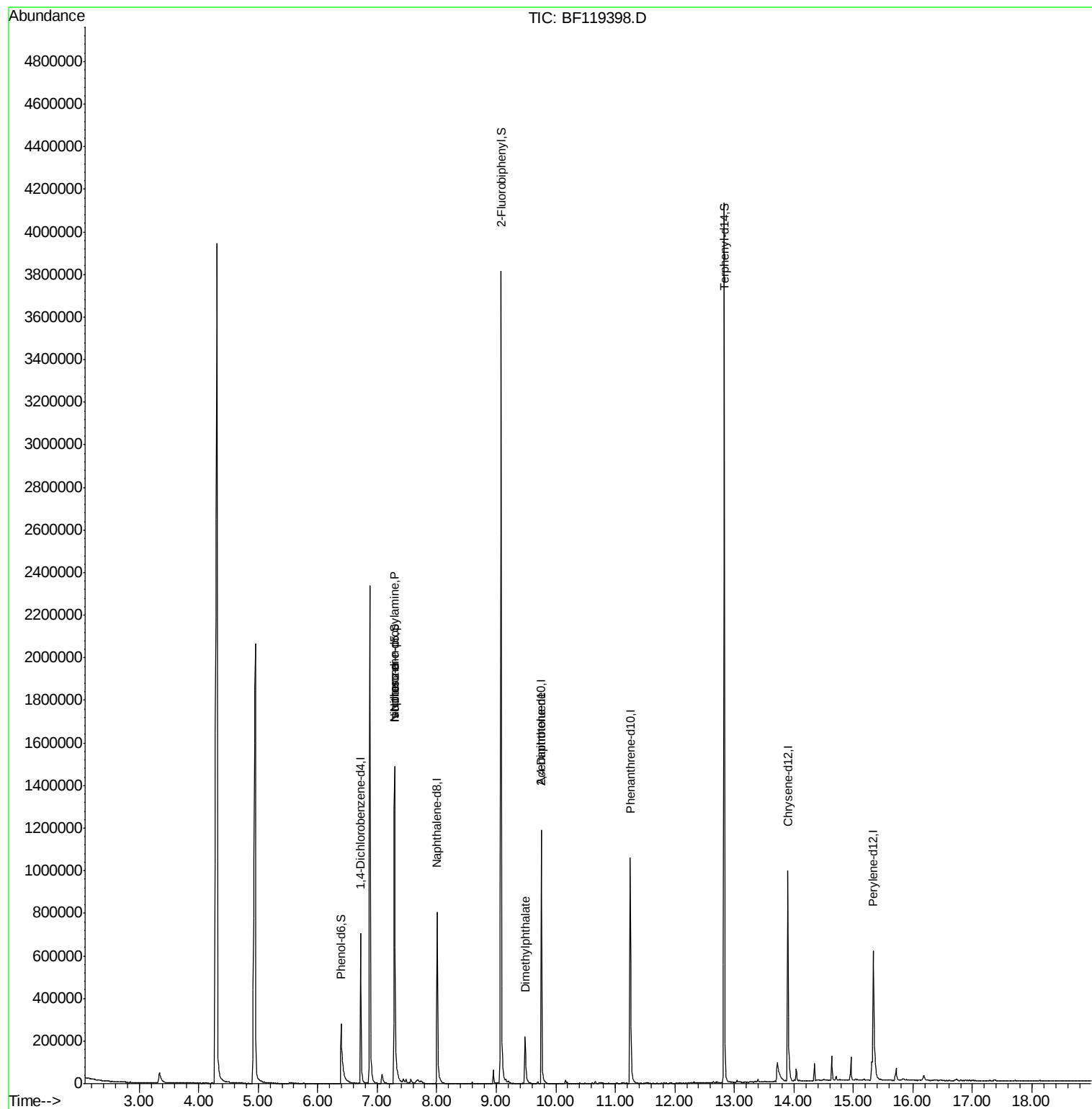
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122146	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	473465	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	268239	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	518128	20.00	ng	0.00
76) Chrysene-d12	13.90	240	419634	20.00	ng	0.01
87) Perylene-d12	15.33	264	398108	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2221	0.30	ng	0.18
7) Phenol-d6	6.39	99	232191	26.12	ng	0.01
23) Nitrobenzene-d5	7.29	82	638489	71.20	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.08	172	1240150	68.11	ng	0.00
79) Terphenyl-d14	12.83	244	1641391	67.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	87345	16.863	ng	# 73
25) Isophorone	7.29	82	638489	40.999	ng	# 63
50) Dimethylphthalate	9.49	163	144942	7.066	ng	98
57) 2,4-Dinitrotoluene	9.76	165	33586	5.686	ng	# 21

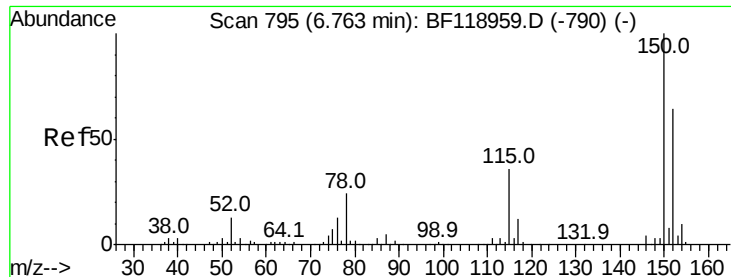
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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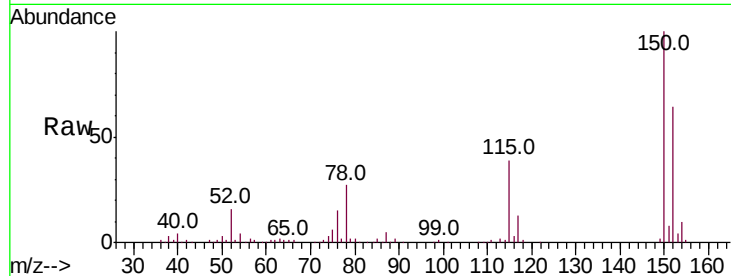


#1

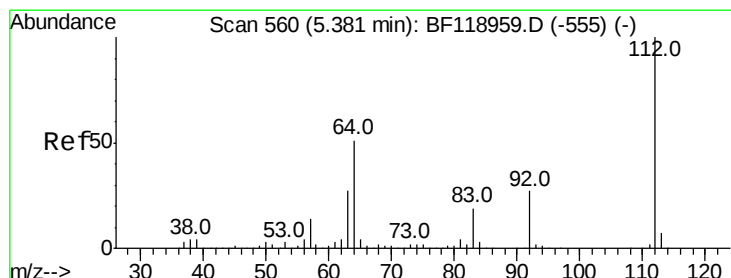
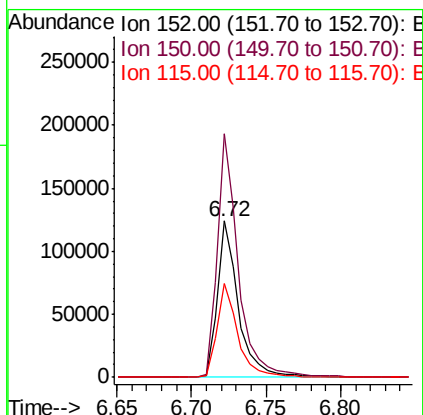
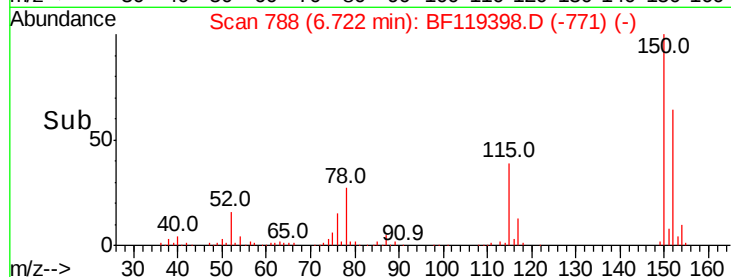
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119398.D
 Acq: 12 Mar 2020 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 122146
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.0 184.6
 115 60.2 49.5 74.3



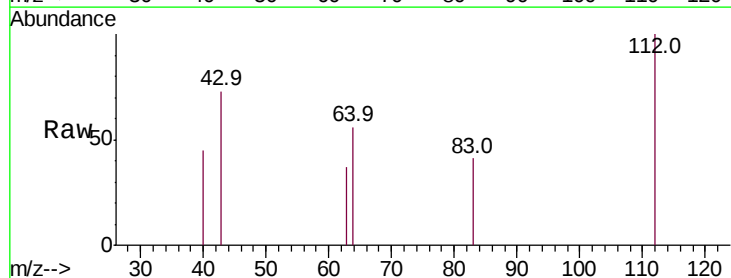
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



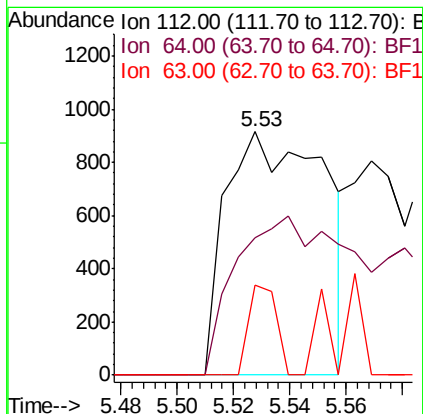
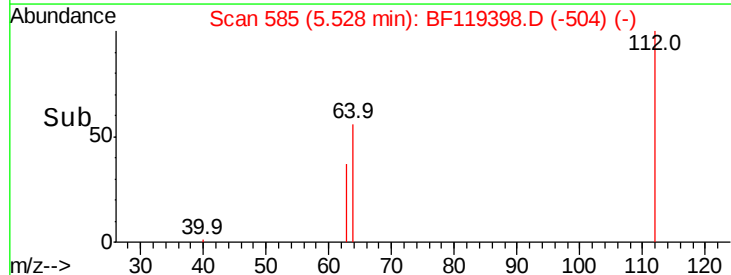
#5

2-Fluorophenol
 Concen: 0.304 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.18 min
 Lab File: BF119398.D
 Acq: 12 Mar 2020 23:55

Tgt Ion:112 Resp: 2221
 Ion Ratio Lower Upper
 112 100
 64 56.3 45.0 67.4
 63 36.9 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: 26.121 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF119398.D

Acq: 12 Mar 2020 23:55

Instrument :

BNA_F

ClientSampleId :

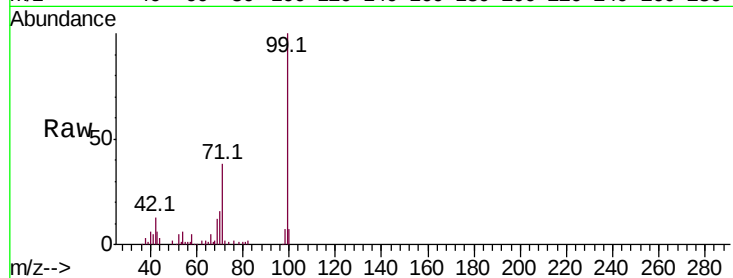
Tot Ion: 99 Resp: 232191

Ion Ratio Lower Upper

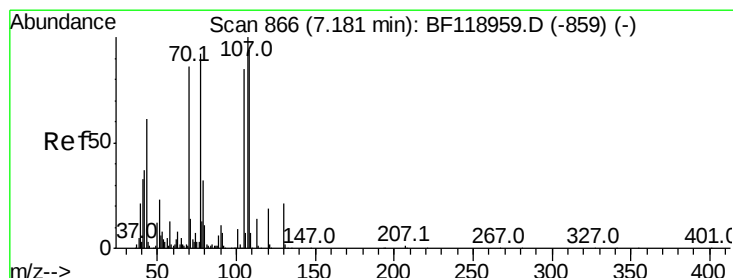
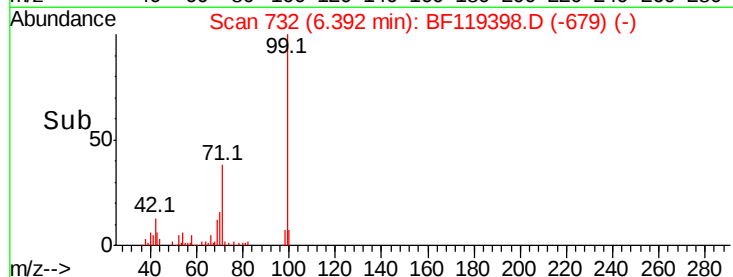
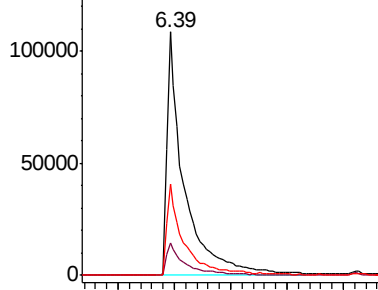
99 100

42 13.4 12.6 18.8

71 37.7 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: 16.863 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF119398.D

Acq: 12 Mar 2020 23:55

Tgt Ion: 70 Resp: 87345

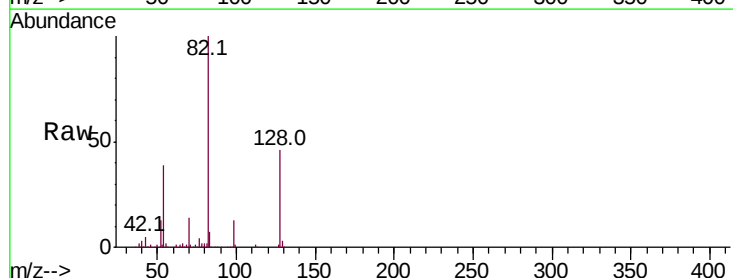
Ion Ratio Lower Upper

70 100

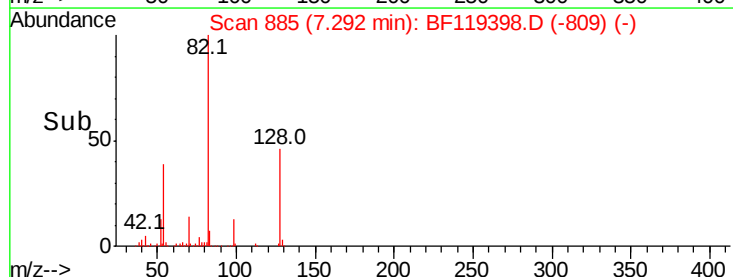
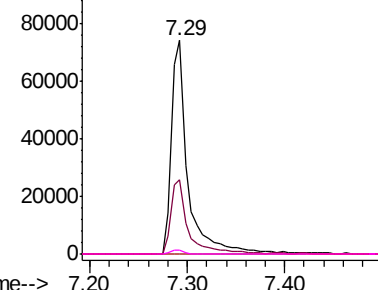
42 35.0 38.0 57.0#

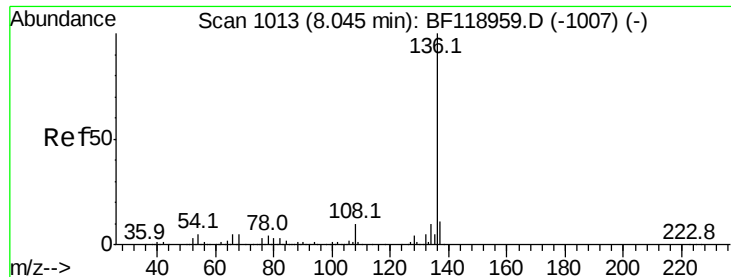
101 0.0 8.2 12.4#

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. -0.01 min

Lab File: BF119398.D

Acq: 12 Mar 2020 23:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 473465

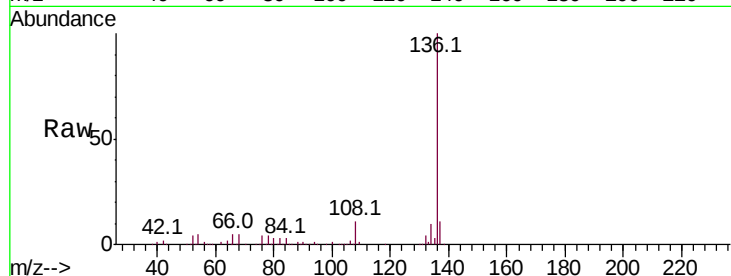
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.3 3.8 5.6

68 5.5 3.9 5.9

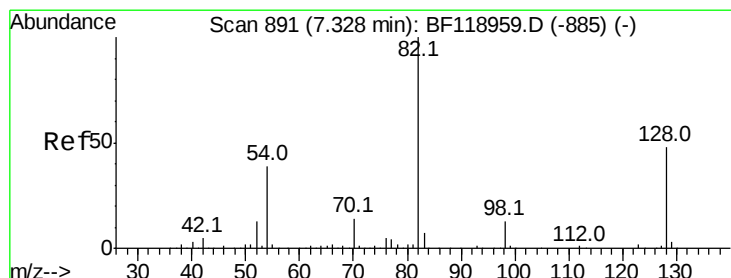
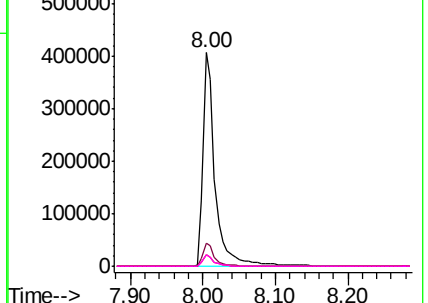
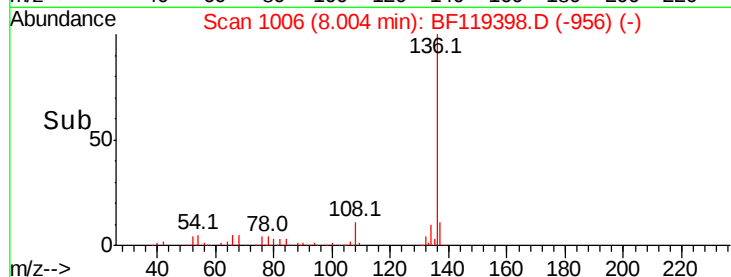


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.203 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119398.D

Acq: 12 Mar 2020 23:55

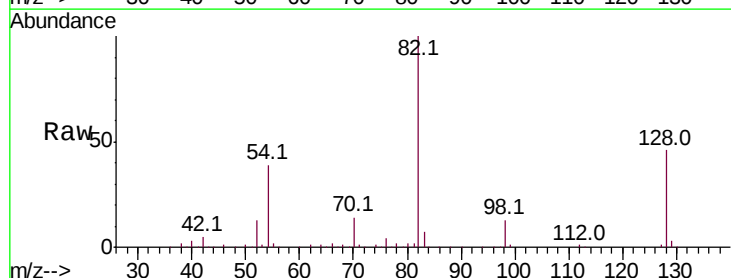
Tgt Ion: 82 Resp: 638489

Ion Ratio Lower Upper

82 100

128 46.3 37.9 56.9

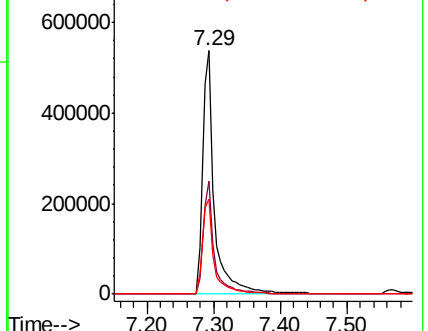
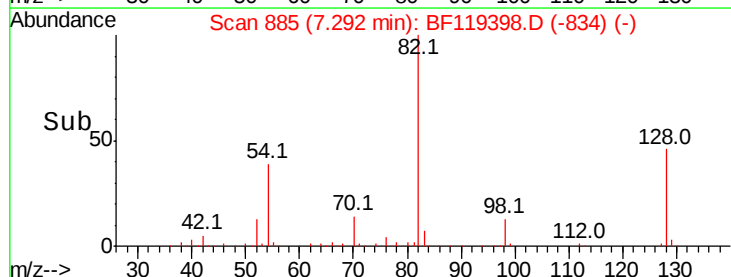
54 39.1 33.4 50.2

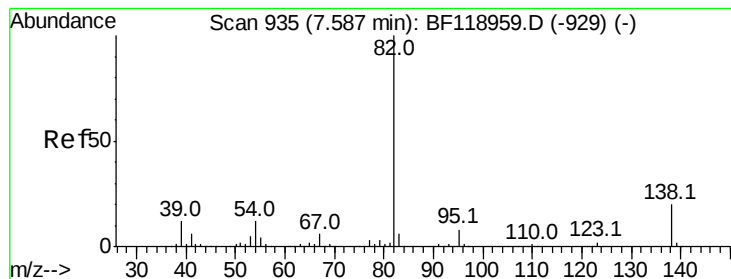


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.999 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119398.D

Acq: 12 Mar 2020 23:55

Instrument :

BNA_F

ClientSampleId :

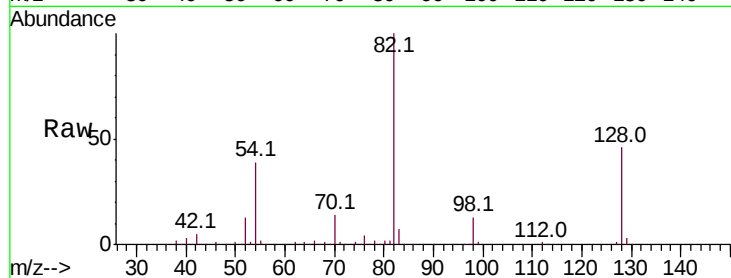
Tot Ion: 82 Resp: 638489

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

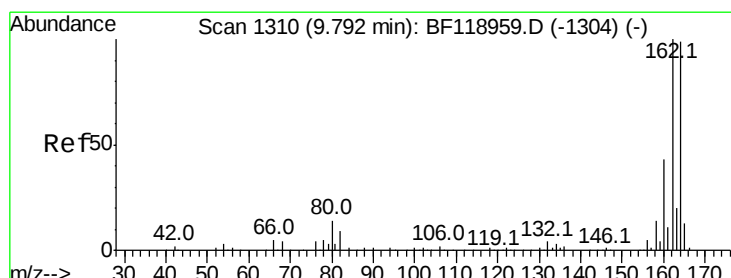
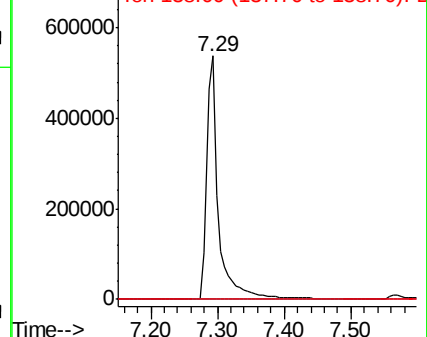
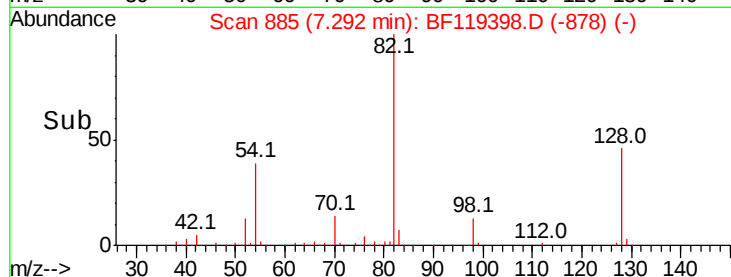
138 0.0 15.7 23.5#



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. -0.01 min

Lab File: BF119398.D

Acq: 12 Mar 2020 23:55

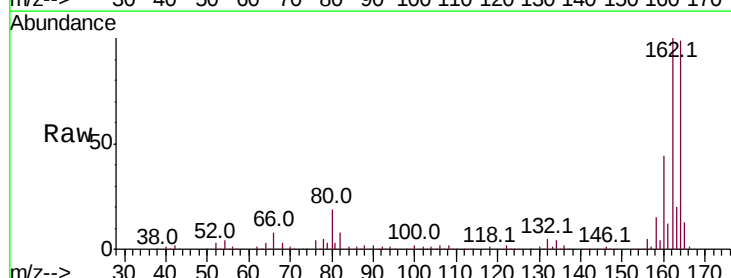
Tgt Ion:164 Resp: 268239

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.8

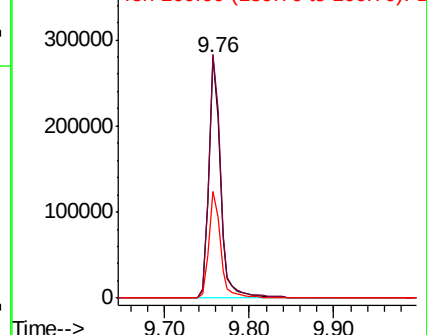
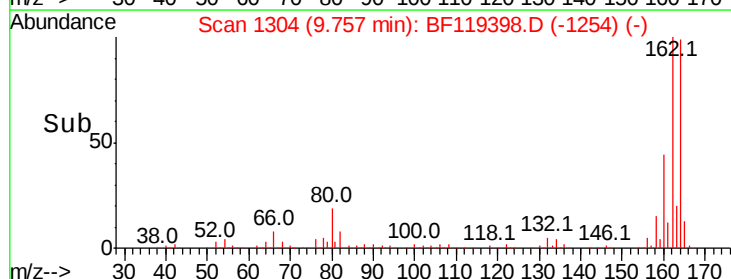
160 44.5 36.0 54.0

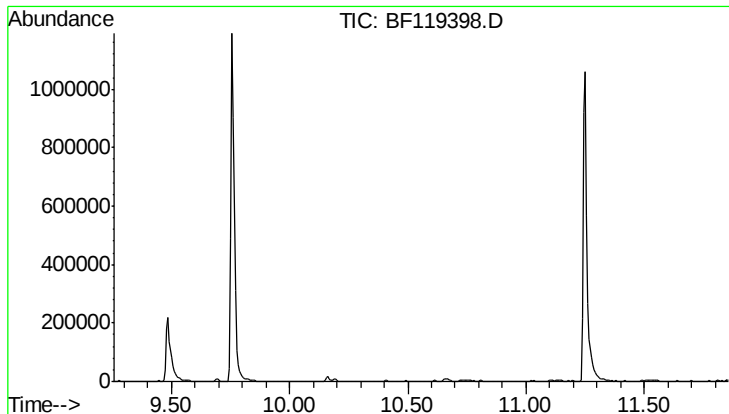


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

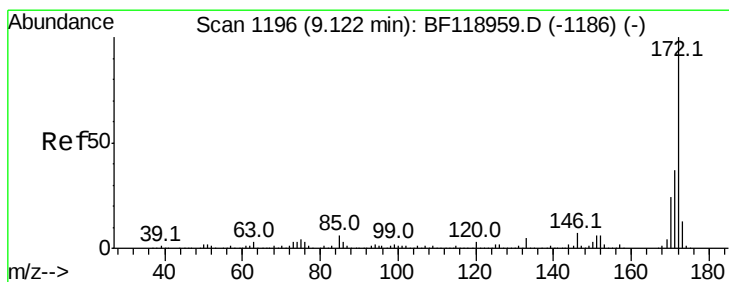
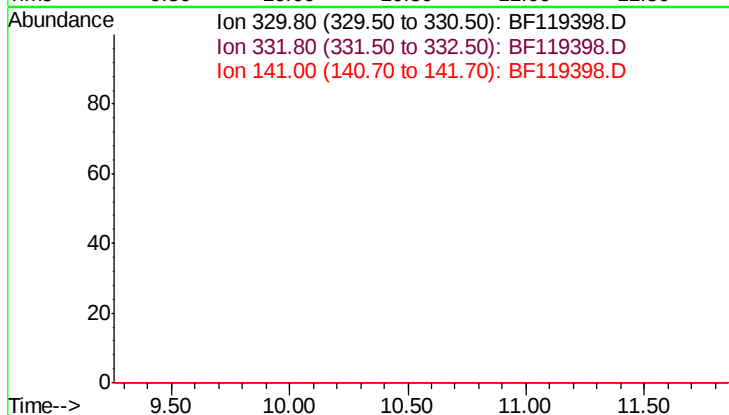




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.56 min
 Lab File: BF119398.D
 Acq: 12 Mar 2020 23:55

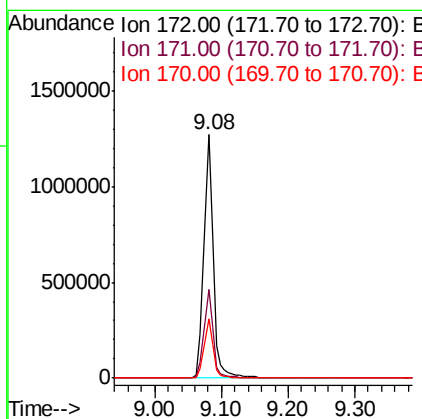
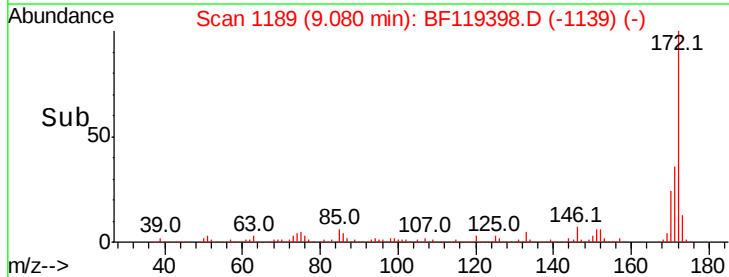
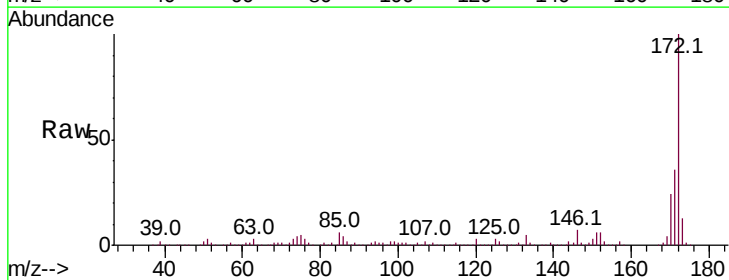
Instrument :
 BNA_F
 ClientSampleId :

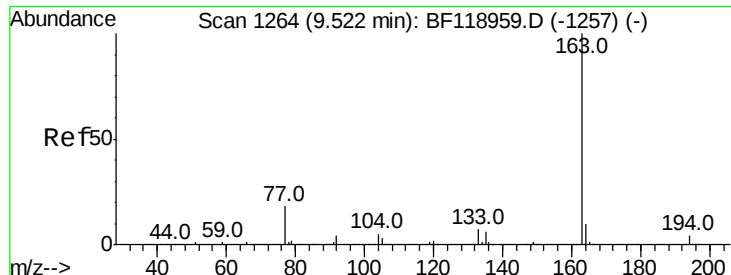
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.0
 141 28.6



#45
 2-Fluorobiphenyl
 Concen: 68.109 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119398.D
 Acq: 12 Mar 2020 23:55

Tgt Ion: 172 Resp: 1240150
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.6 45.8
 170 24.3 20.2 30.2

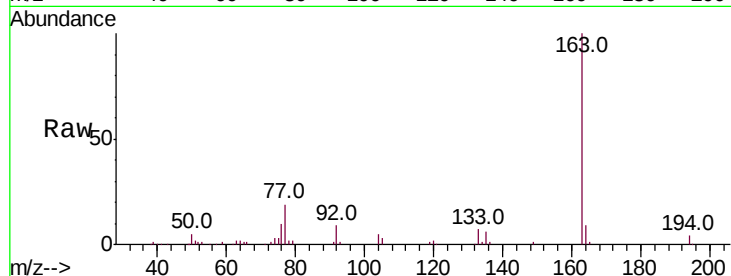




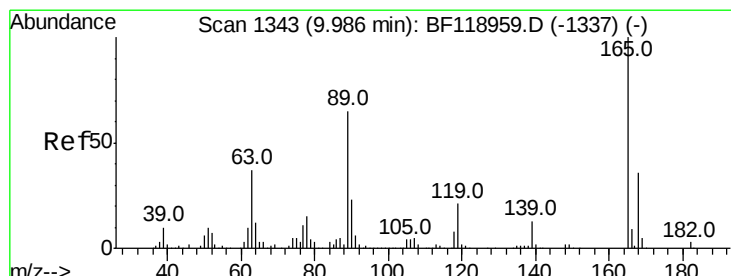
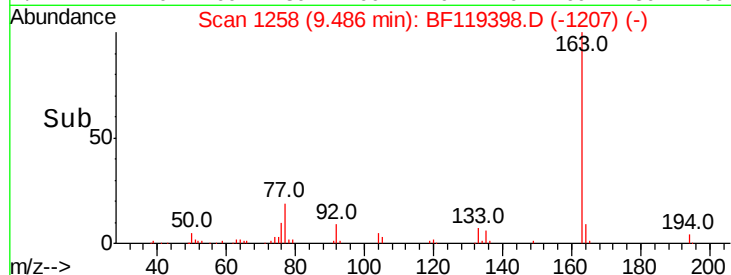
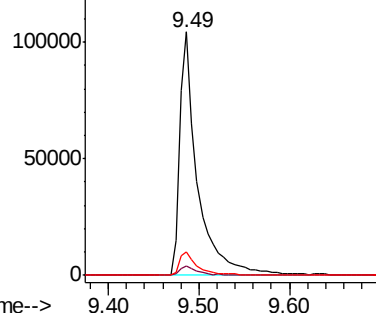
#50
Dimethylphthalate
Concen: 7.066 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119398.D
Acq: 12 Mar 2020 23:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 144942
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 9.5 8.4 12.6

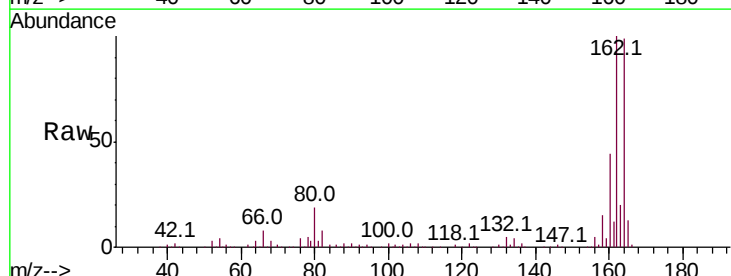


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

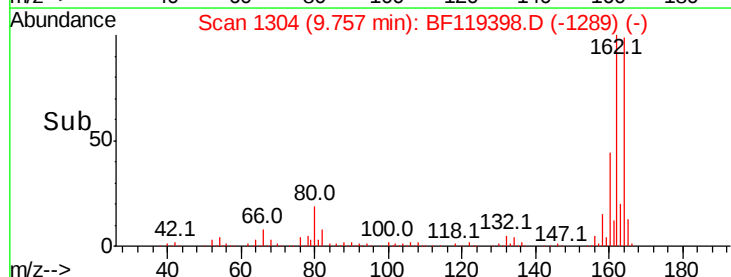
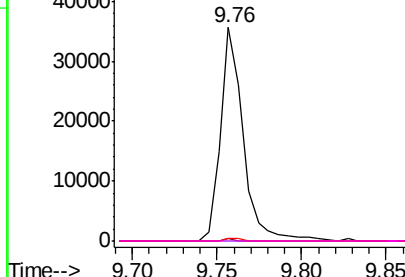


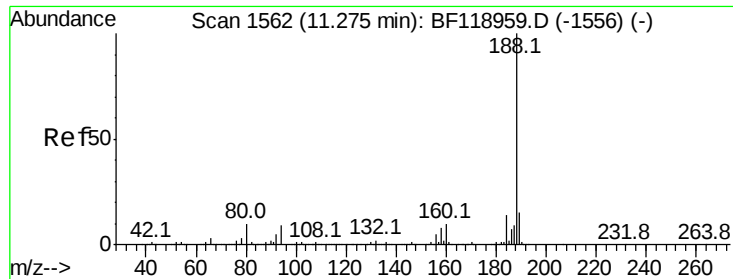
#57
2,4-Dinitrotoluene
Concen: 5.686 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119398.D
Acq: 12 Mar 2020 23:55

Tgt Ion:165 Resp: 33586
Ion Ratio Lower Upper
165 100
63 1.3 42.3 63.5#
89 1.1 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

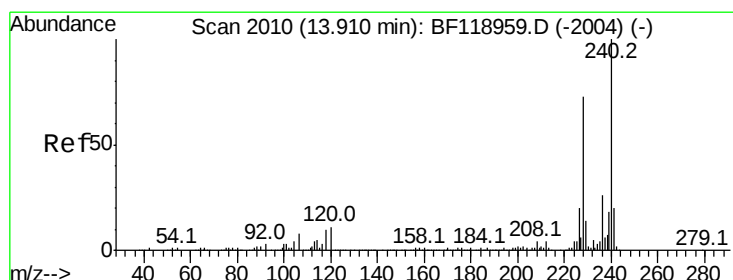
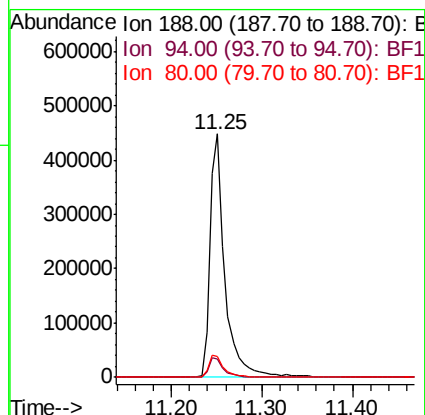
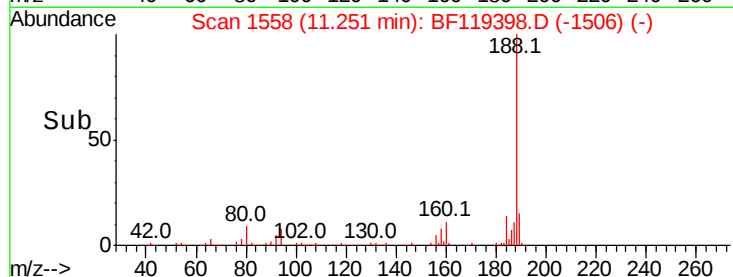
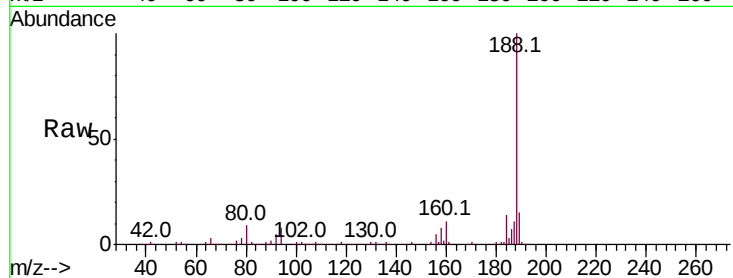




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119398.D
Acq: 12 Mar 2020 23:55

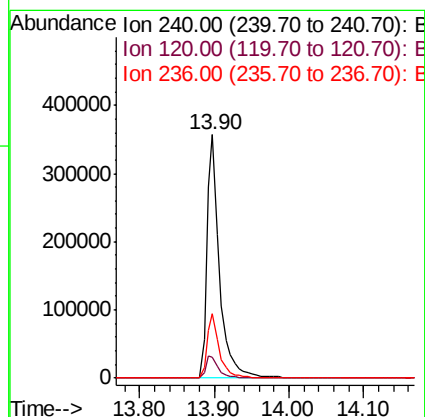
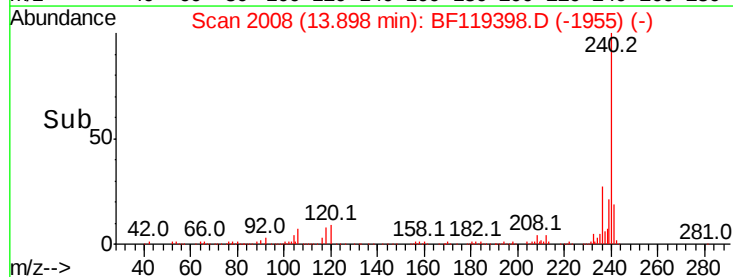
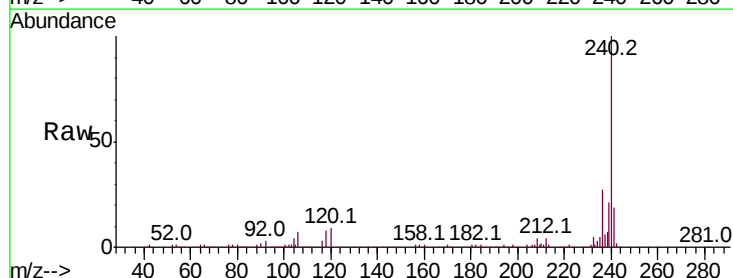
Instrument :
BNA_F
ClientSampleId :

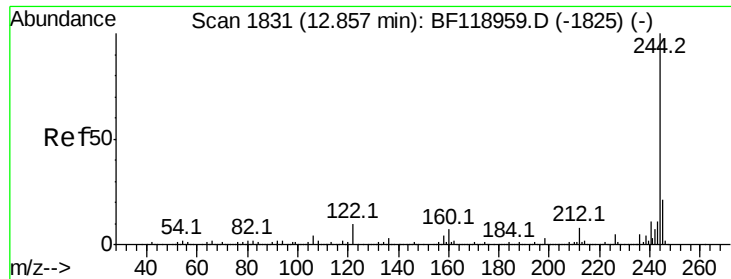
Tot Ion:188 Resp: 518128
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.7 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119398.D
Acq: 12 Mar 2020 23:55

Tgt Ion:240 Resp: 419634
Ion Ratio Lower Upper
240 100
120 8.8 8.4 12.6
236 26.6 21.0 31.4





#79

Terphenyl-d14

Concen: 67.343 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119398.D

Acq: 12 Mar 2020 23:55

Instrument :

BNA_F

ClientSampleId :

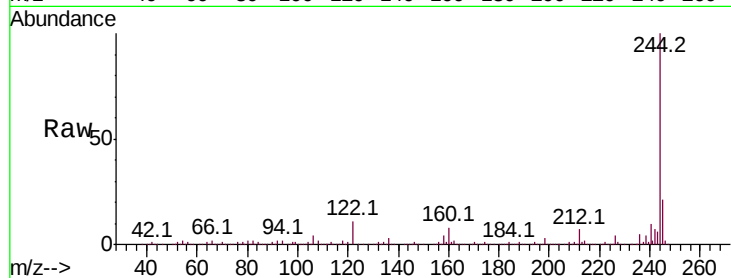
Tot Ion:244 Resp: 1641391

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

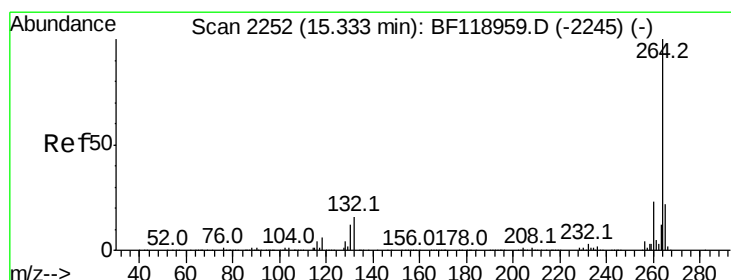
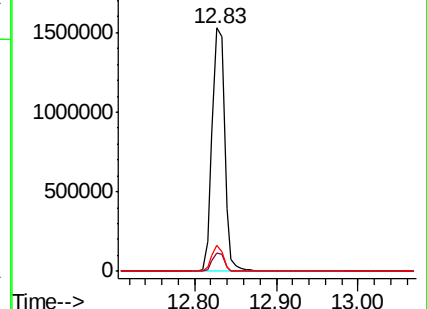
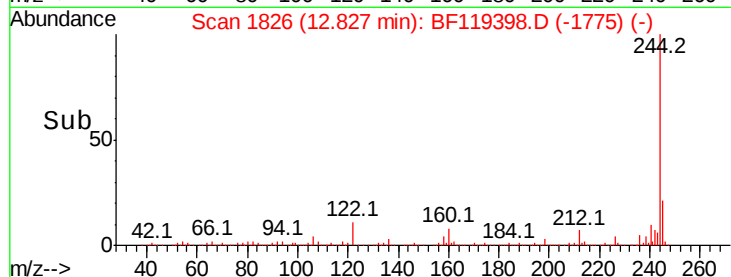
122 10.5 8.2 12.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.02 min

Lab File: BF119398.D

Acq: 12 Mar 2020 23:55

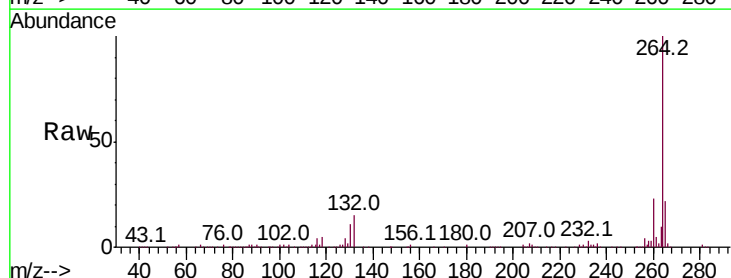
Tgt Ion:264 Resp: 398108

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 22.1 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

