

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119399.D
 Acq On : 13 Mar 2020 00:24
 Operator : CG/JU
 Sample : L1889-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:49:07 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

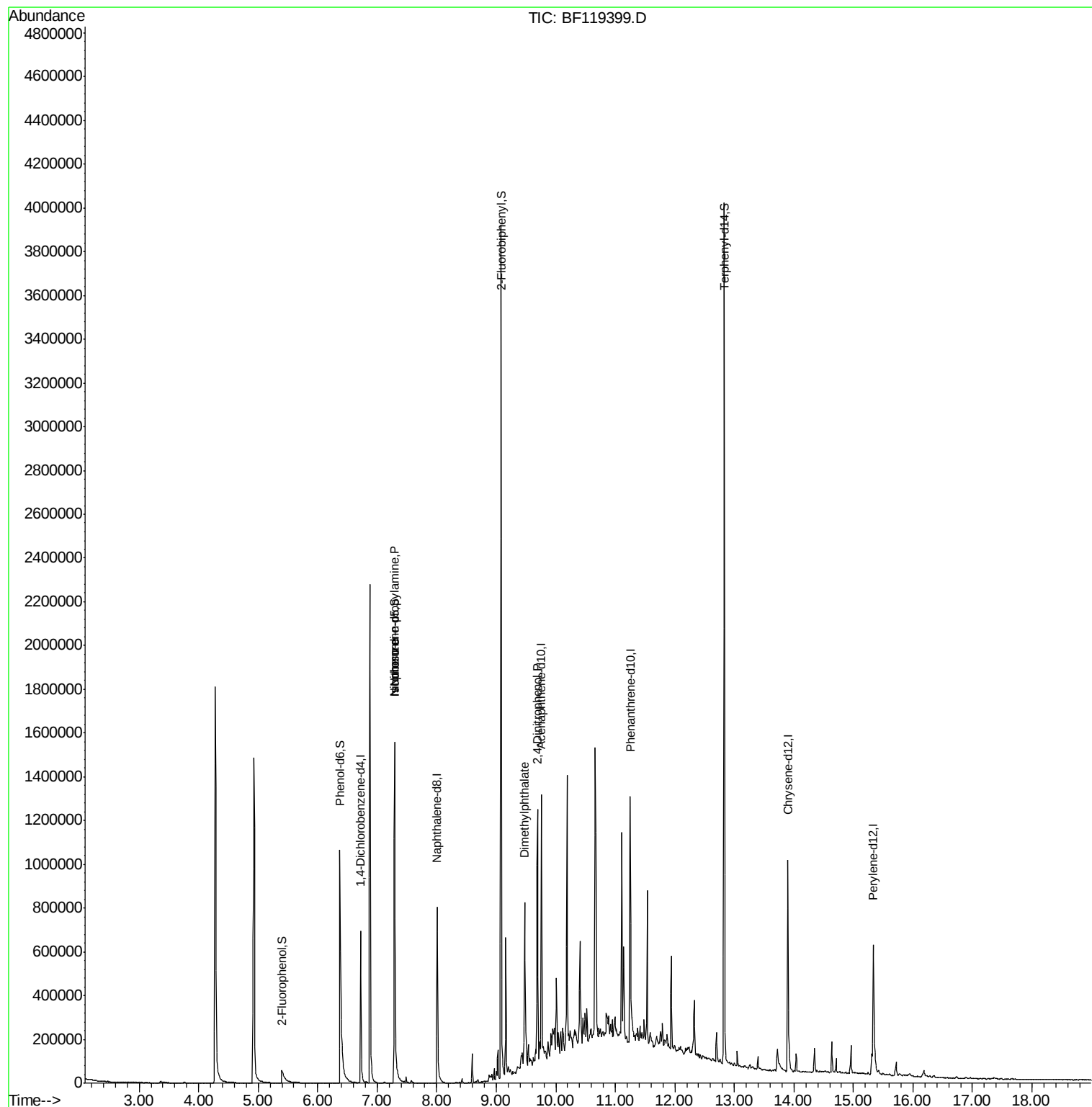
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119972	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	473390	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	261070	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	476687	20.00	ng	0.00
76) Chrysene-d12	13.90	240	388835	20.00	ng	0.01
87) Perylene-d12	15.33	264	366124	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	73969	10.30	ng	0.05
7) Phenol-d6	6.37	99	644987	73.87	ng	0.00
23) Nitrobenzene-d5	7.29	82	639864	71.37	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.08	172	1225112	69.13	ng	0.00
79) Terphenyl-d14	12.83	244	1540347	68.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	86551	17.013	ng	# 73
25) Isophorone	7.29	82	639864	41.094	ng	# 63
50) Dimethylphthalate	9.48	163	176251	8.829	ng	98
54) 2,4-Dinitrophenol	9.69	184	122	7.527	ng	# 1

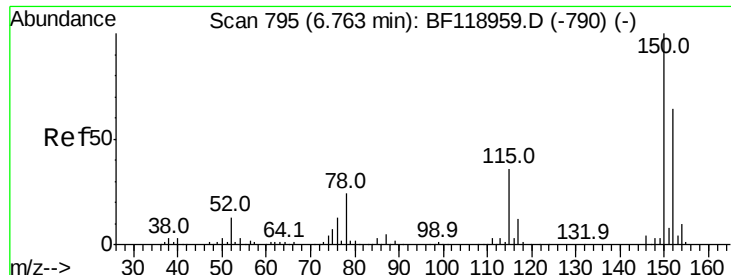
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119399.D
Acq On : 13 Mar 2020 00:24
Operator : CG/JU
Sample : L1889-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 13 01:49:07 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



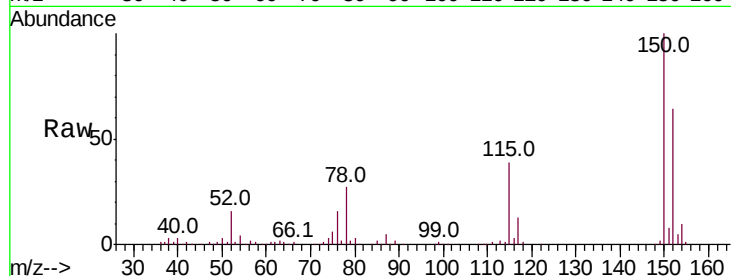


#1

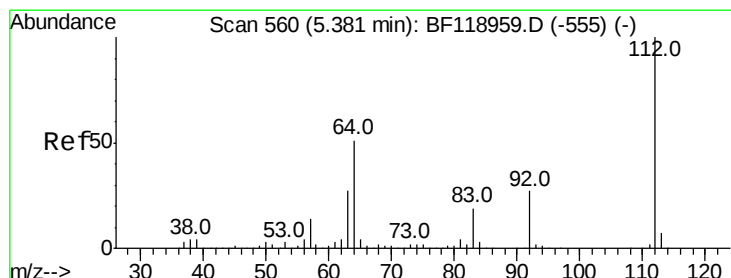
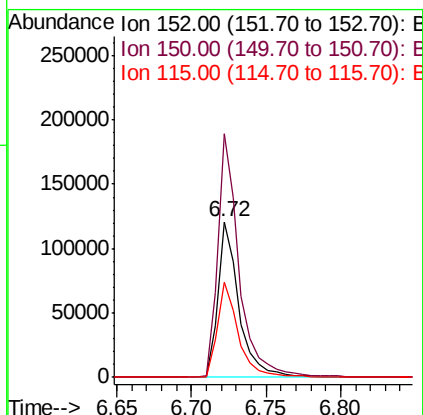
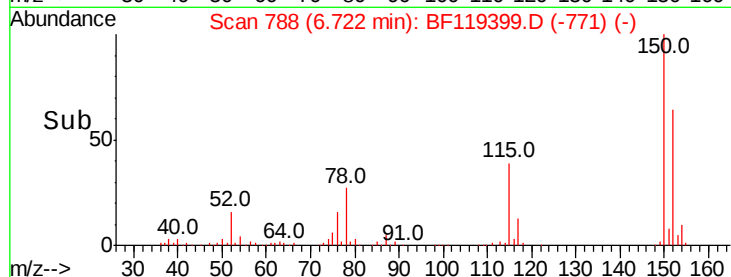
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119399.D
Acq: 13 Mar 2020 00:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 119972
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.6
115 61.7 49.5 74.3



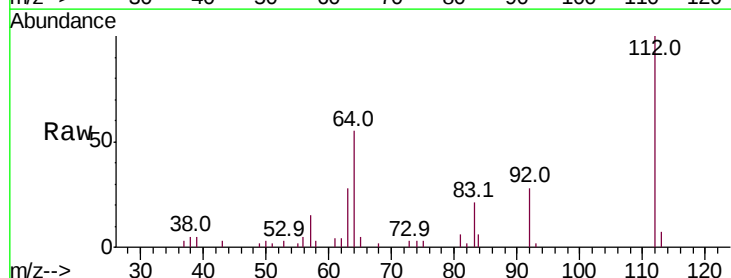
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



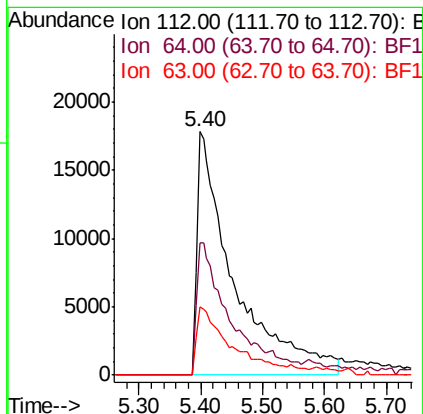
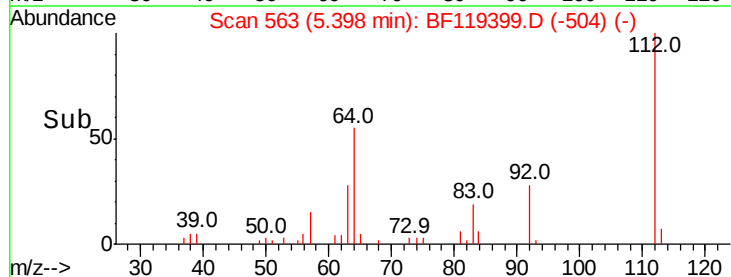
#5

2-Fluorophenol
Concen: 10.304 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.05 min
Lab File: BF119399.D
Acq: 13 Mar 2020 00:24

Tgt Ion:112 Resp: 73969
Ion Ratio Lower Upper
112 100
64 54.5 45.0 67.4
63 28.0 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: 73.874 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119399.D

Acq: 13 Mar 2020 00:24

Instrument :

BNA_F

ClientSampleId :

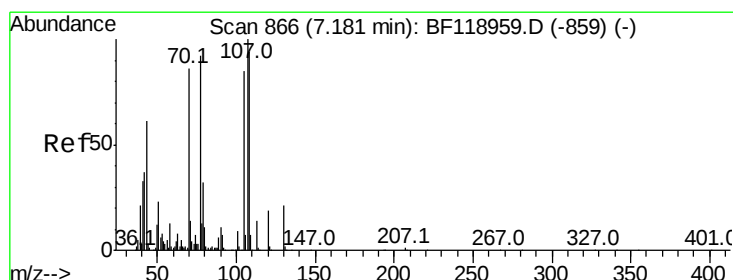
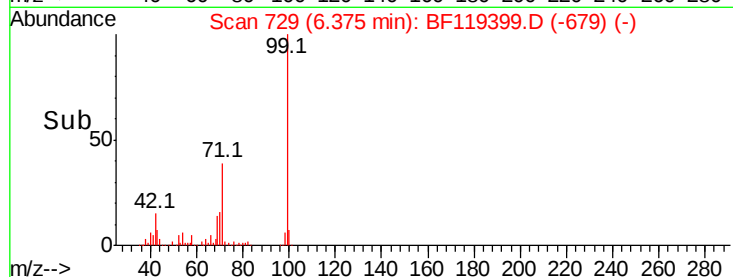
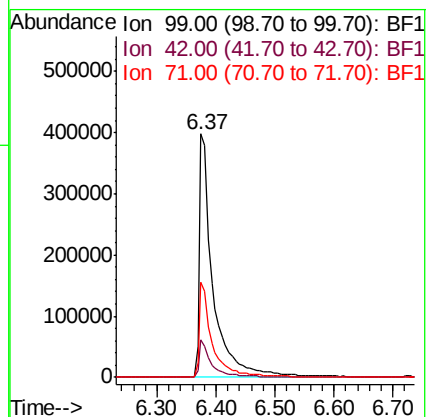
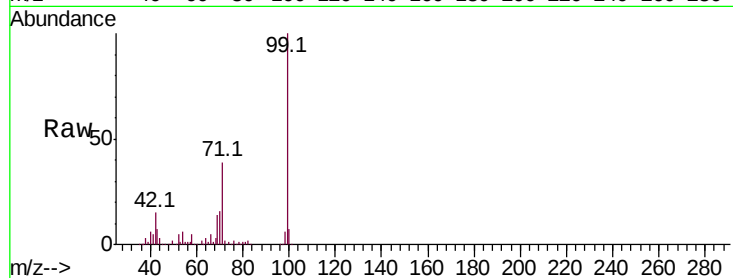
Tot Ion: 99 Resp: 644987

Ion Ratio Lower Upper

99 100

42 15.4 12.6 18.8

71 38.9 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.013 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF119399.D

Acq: 13 Mar 2020 00:24

Tgt Ion: 70 Resp: 86551

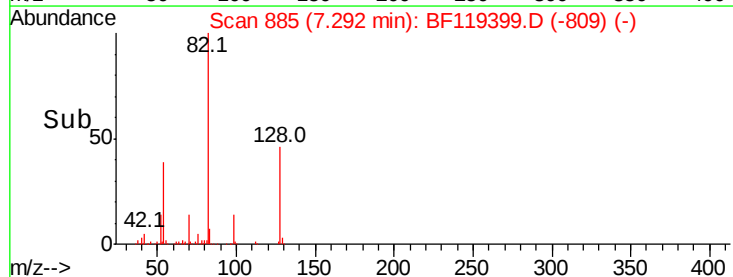
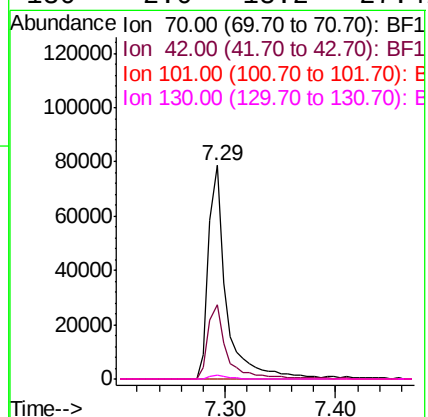
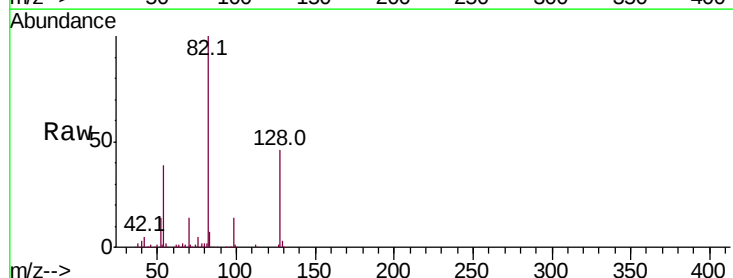
Ion Ratio Lower Upper

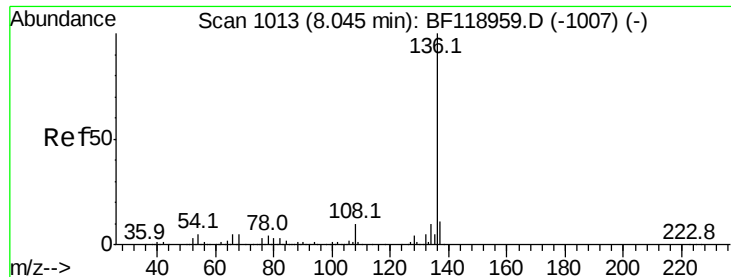
70 100

42 34.9 38.0 57.0#

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119399.D

Acq: 13 Mar 2020 00:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 473390

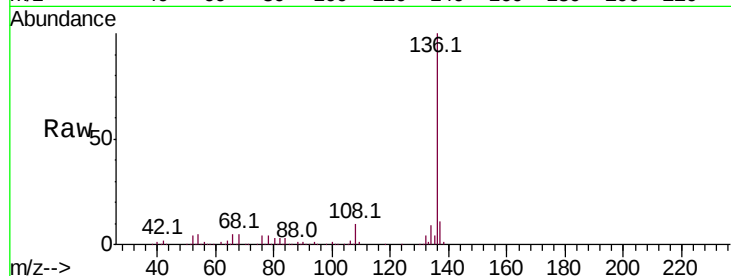
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.0 3.8 5.6

68 5.4 3.9 5.9

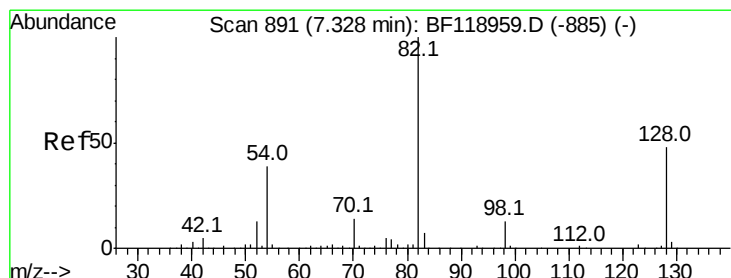
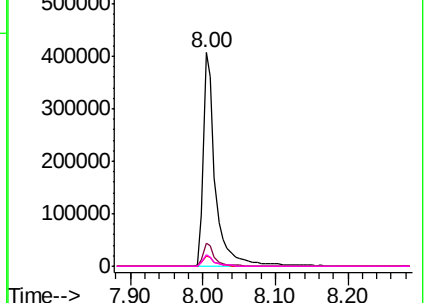
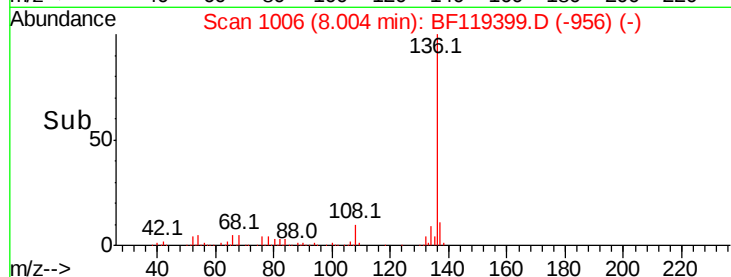


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.368 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119399.D

Acq: 13 Mar 2020 00:24

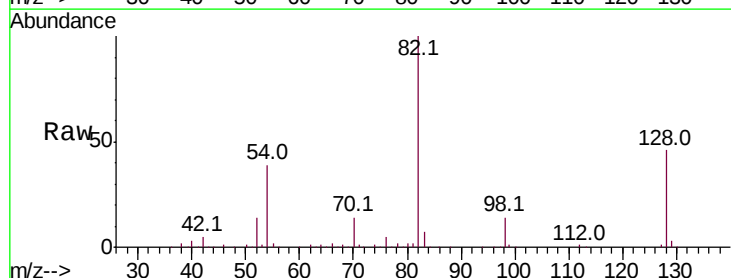
Tgt Ion: 82 Resp: 639864

Ion Ratio Lower Upper

82 100

128 46.0 37.9 56.9

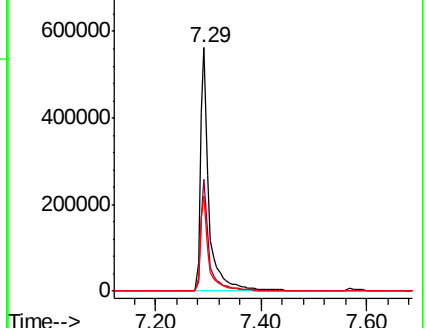
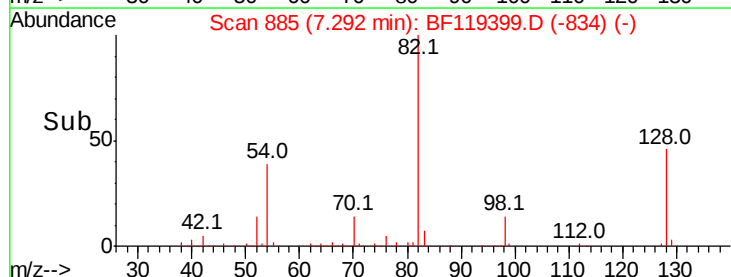
54 38.9 33.4 50.2

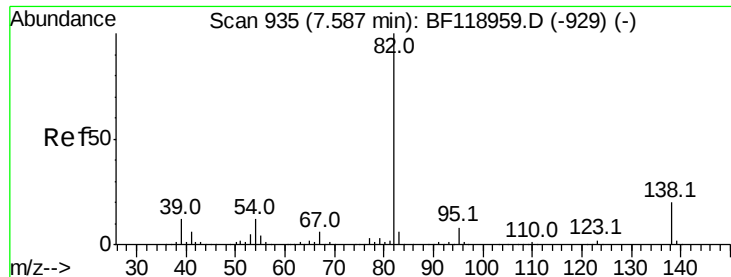


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.094 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119399.D

Acq: 13 Mar 2020 00:24

Instrument :

BNA_F

ClientSampleId :

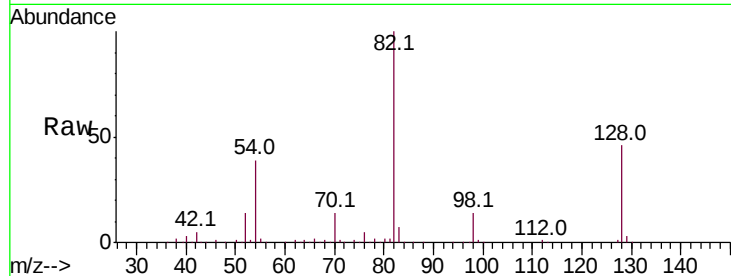
Tot Ion: 82 Resp: 639864

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

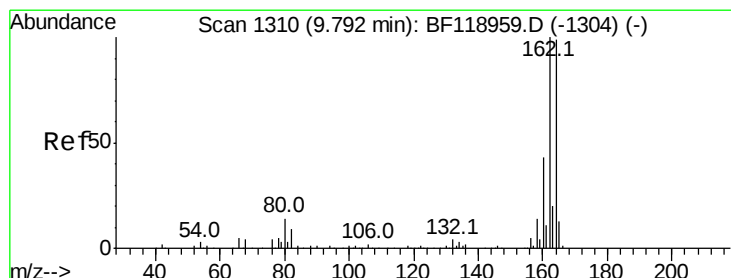
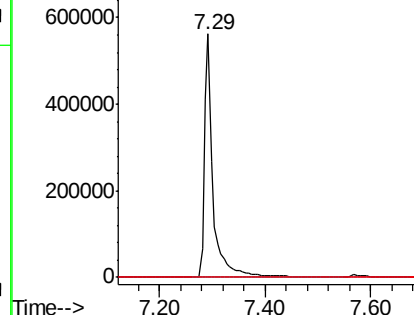
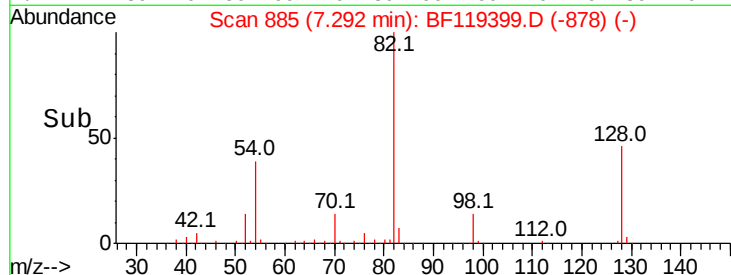
138 0.0 15.7 23.5#



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: BF119399.D

Acq: 13 Mar 2020 00:24

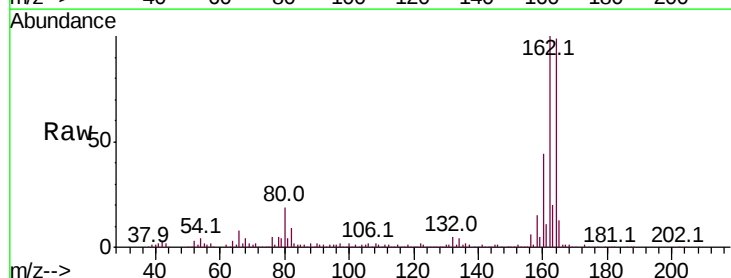
Tgt Ion:164 Resp: 261070

Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.8

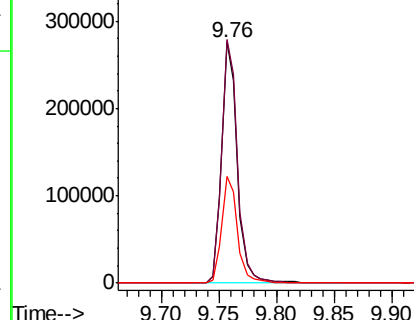
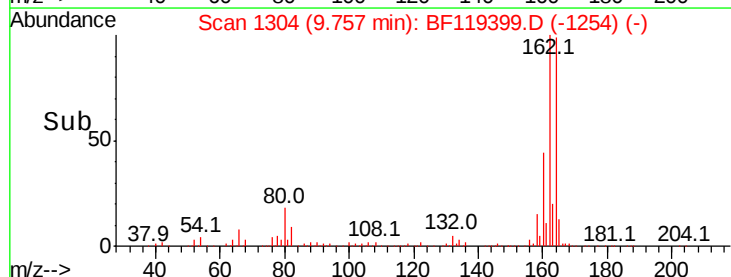
160 44.5 36.0 54.0

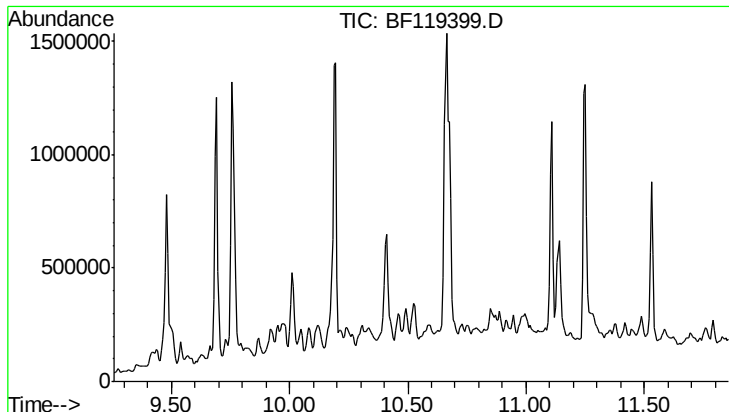


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

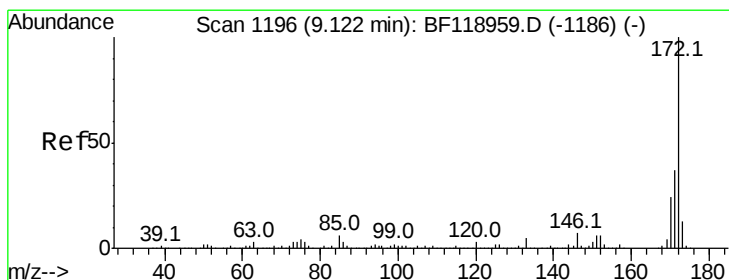
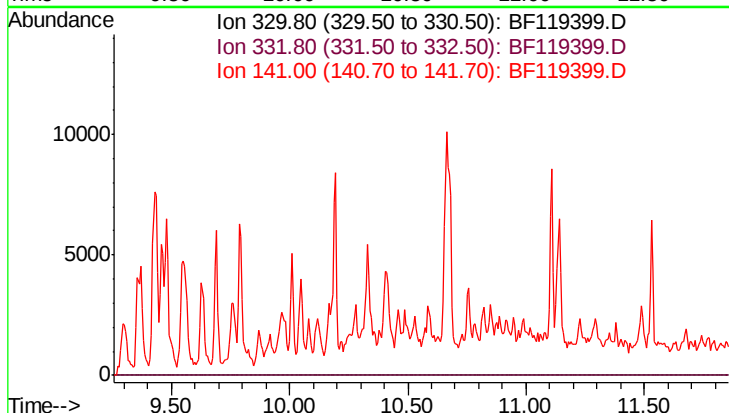




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.56 min
 Lab File: BF119399.D
 Acq: 13 Mar 2020 00:24

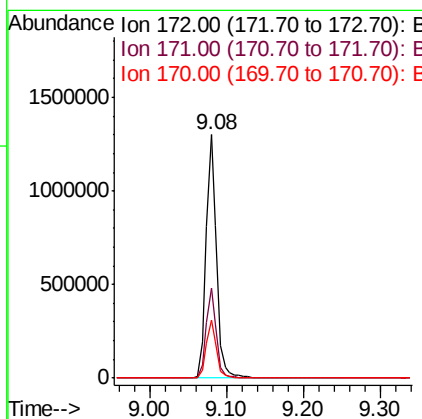
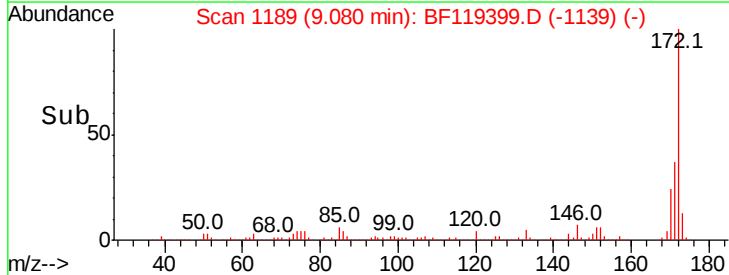
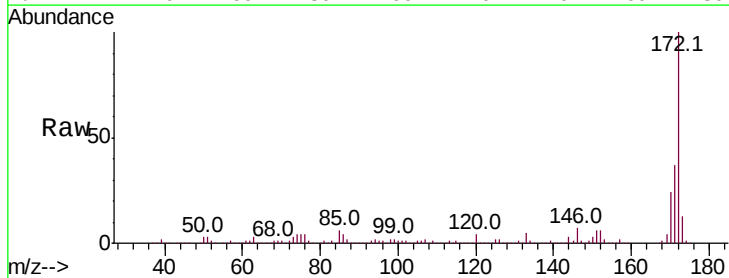
Instrument :
 BNA_F
 ClientSampleId :

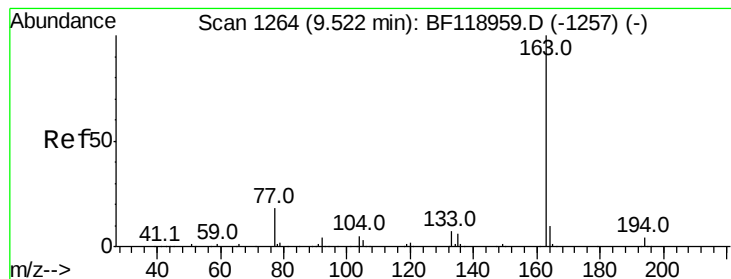
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.0
 141 28.6



#45
 2-Fluorobiphenyl
 Concen: 69.131 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119399.D
 Acq: 13 Mar 2020 00:24

Tgt Ion: 172 Resp: 1225112
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.6 45.8
 170 23.8 20.2 30.2





#50

Dimethylphthalate

Concen: 8.829 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF119399.D

Acq: 13 Mar 2020 00:24

Instrument :

BNA_F

ClientSampleId :

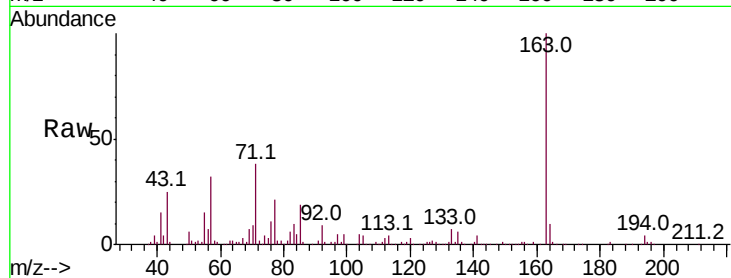
Tot Ion:163 Resp: 176251

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

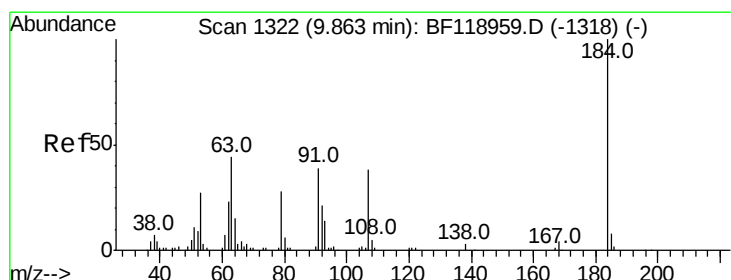
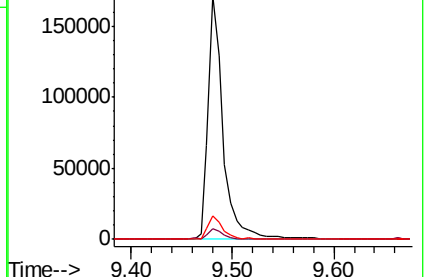
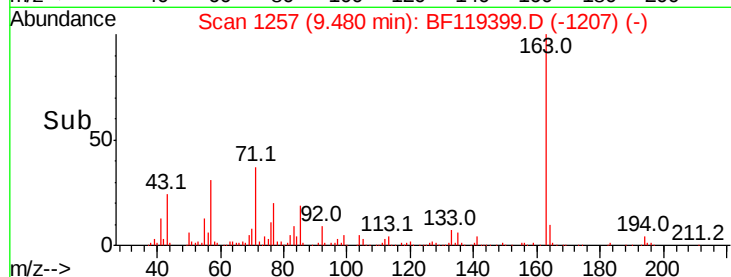
164 9.8 8.4 12.6



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



#54

2,4-Dinitrophenol

Concen: 7.527 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.16 min

Lab File: BF119399.D

Acq: 13 Mar 2020 00:24

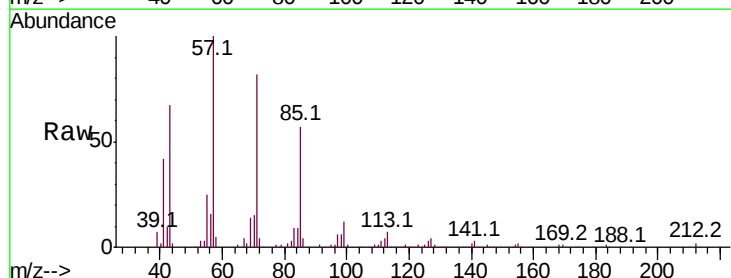
Tgt Ion:184 Resp: 122

Ion Ratio Lower Upper

184 100

63 0.0 38.7 58.1#

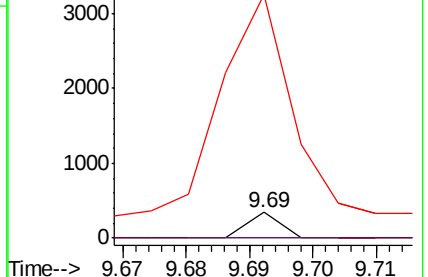
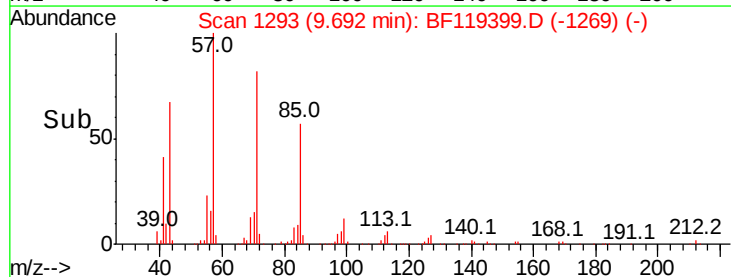
154 941.0 49.7 74.5#

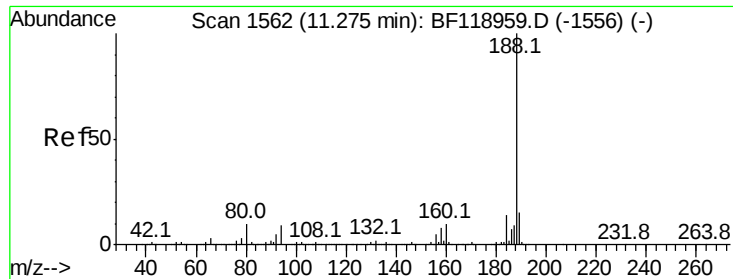


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

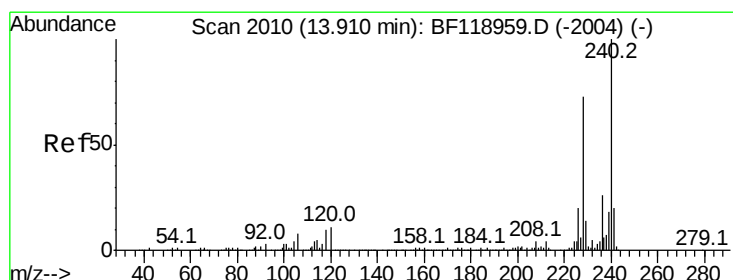
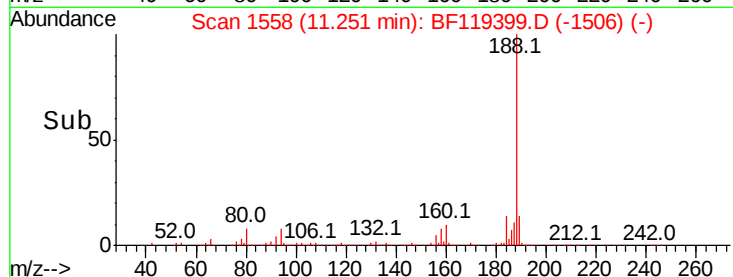
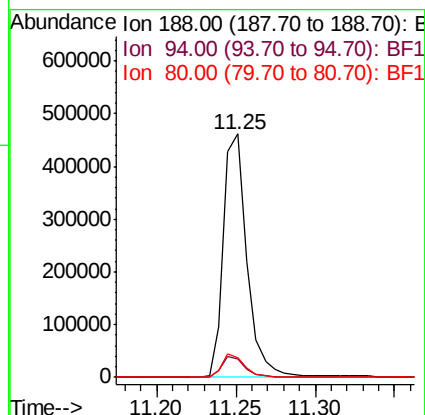
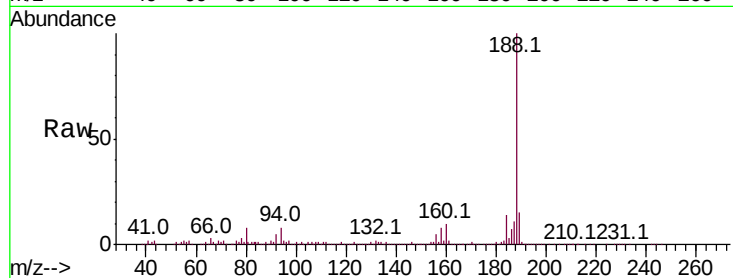




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119399.D
Acq: 13 Mar 2020 00:24

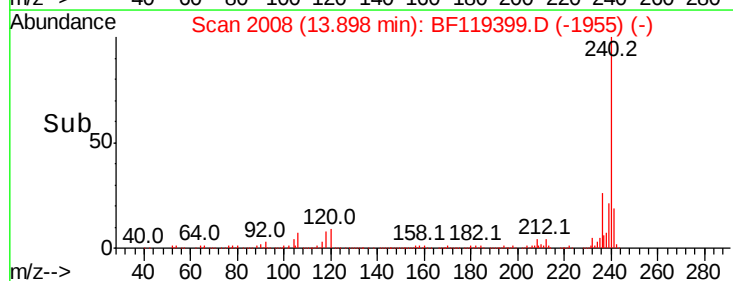
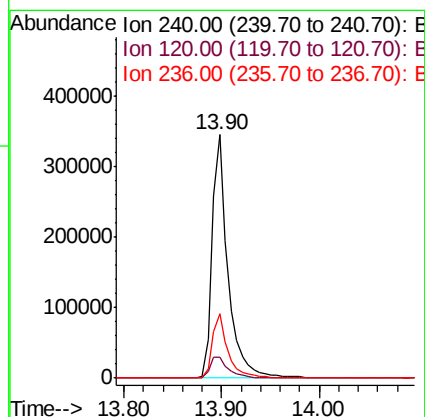
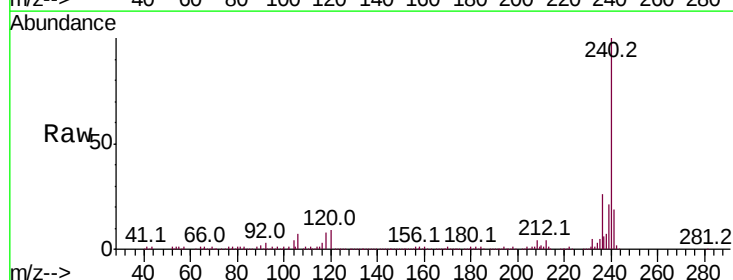
Instrument :
BNA_F
ClientSampleId :

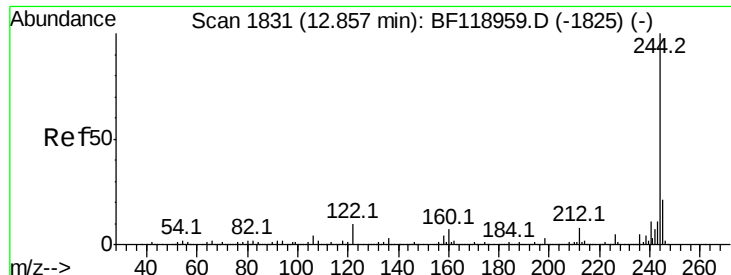
Tot Ion:188 Resp: 476687
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.0 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119399.D
Acq: 13 Mar 2020 00:24

Tgt Ion:240 Resp: 388835
Ion Ratio Lower Upper
240 100
120 8.8 8.4 12.6
236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 68.203 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119399.D

Acq: 13 Mar 2020 00:24

Instrument :

BNA_F

ClientSampleId :

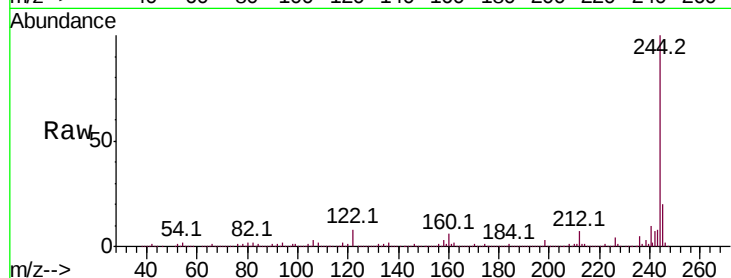
Tot Ion:244 Resp: 1540347

Ion Ratio Lower Upper

244 100

212 7.0 6.6 10.0

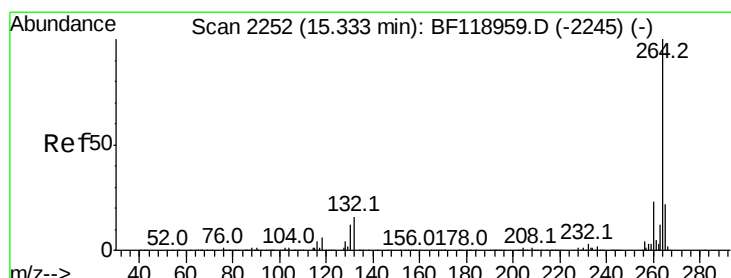
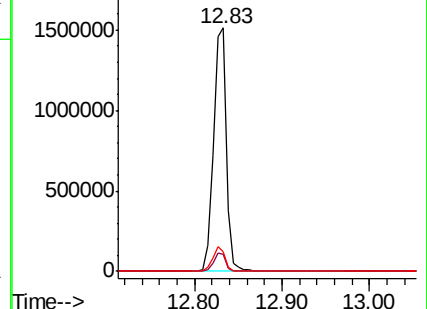
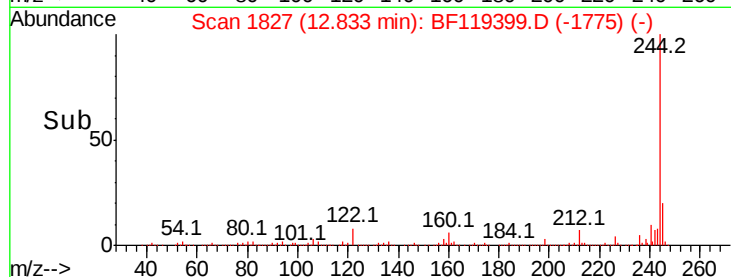
122 8.3 8.2 12.2



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: BF119399.D

Acq: 13 Mar 2020 00:24

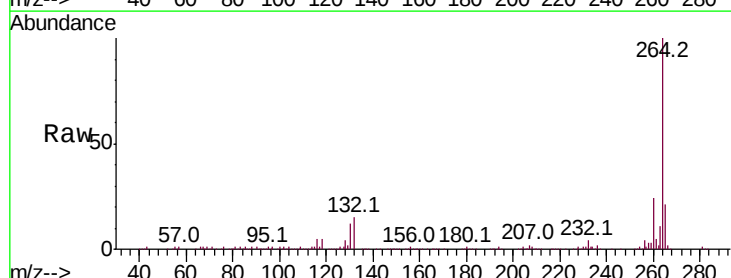
Tgt Ion:264 Resp: 366124

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.5 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

