

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119338.D
 Acq On : 11 Mar 2020 6:58
 Operator : CG/JU
 Sample : L1826-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MC5B40

Quant Time: Mar 11 09:18:57 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

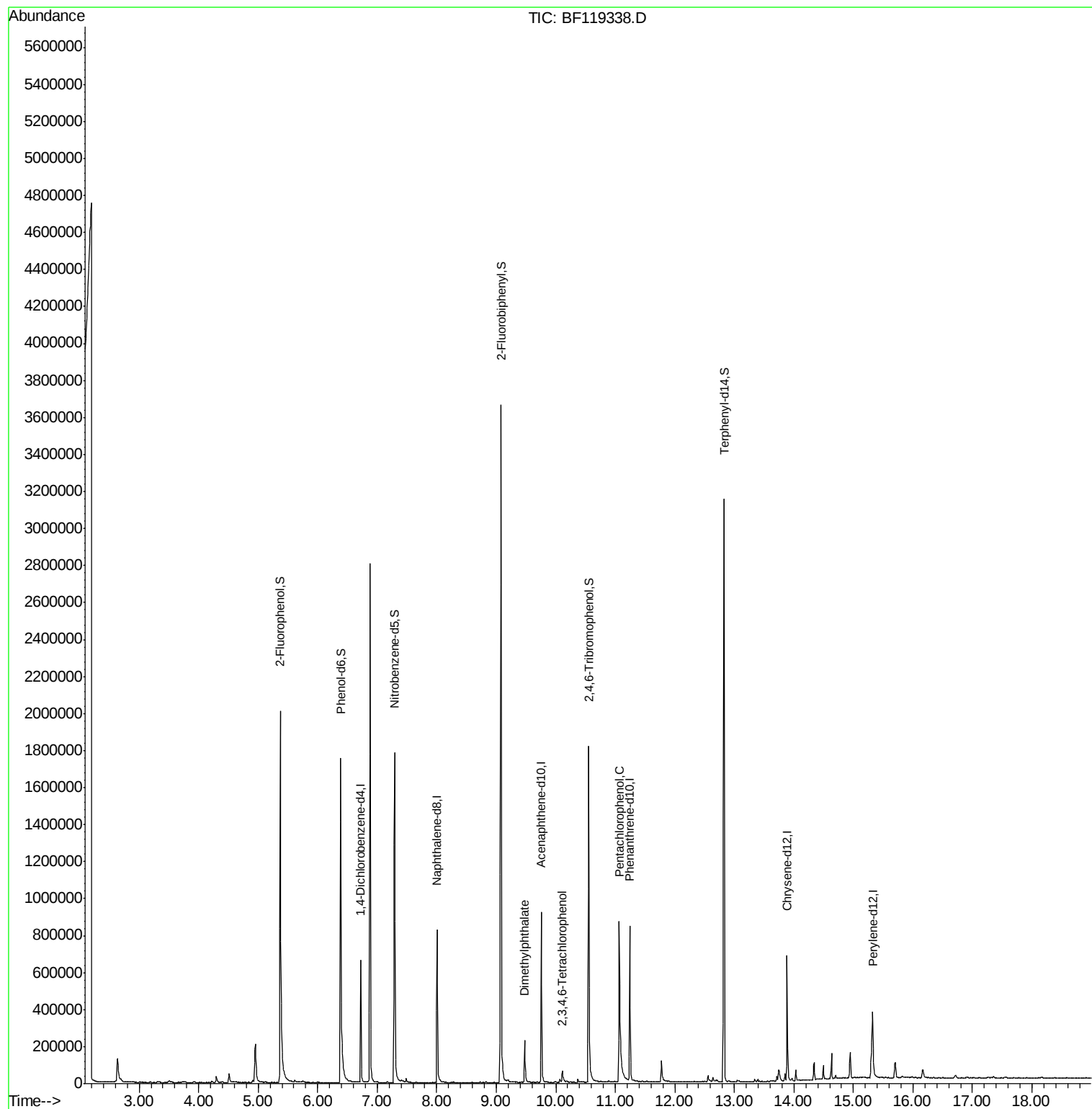
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	111386	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	409970	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	199682	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	306351	20.00	ng	0.00
76) Chrysene-d12	13.89	240	249133	20.00	ng	0.00
87) Perylene-d12	15.32	264	206903	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	767627	115.17	ng	0.02
7) Phenol-d6	6.39	99	806514	99.50	ng	0.00
23) Nitrobenzene-d5	7.29	82	656791	84.59	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	285896	109.45	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1273047	93.92	ng	0.00
79) Terphenyl-d14	12.83	244	1225871	84.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	121646	7.967	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.11	232	14091	3.743	ng	# 90
70) Pentachlorophenol	11.07	266	194786	104.736	ng	99

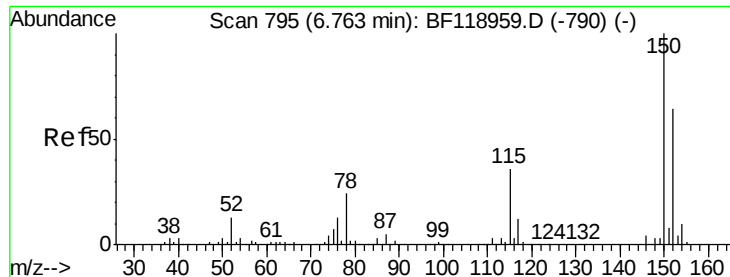
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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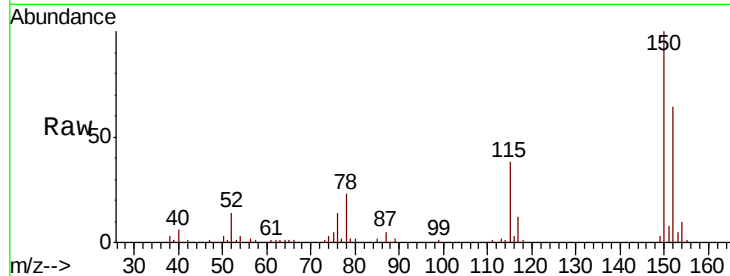


#1

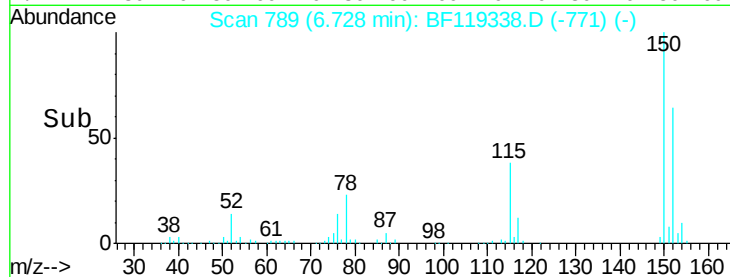
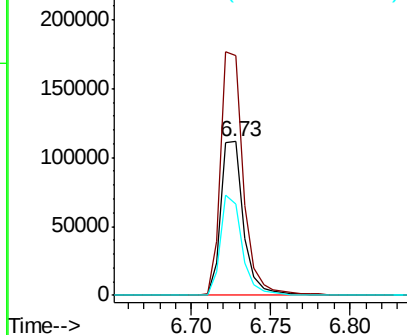
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF119338.D
 Acq: 11 Mar 2020 6:58

Instrument :
 BNA_F
 ClientSampled :
 MC5B40

Tot Ion:152 Resp: 111386
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.0 184.6
 115 59.2 49.5 74.3



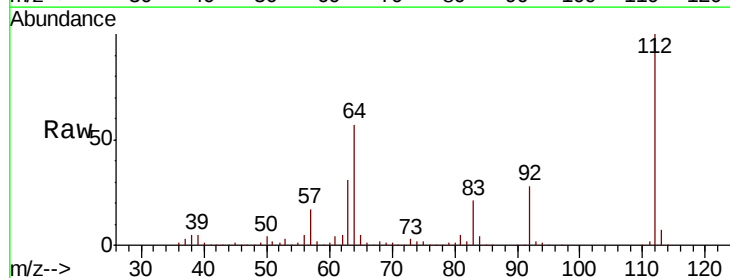
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



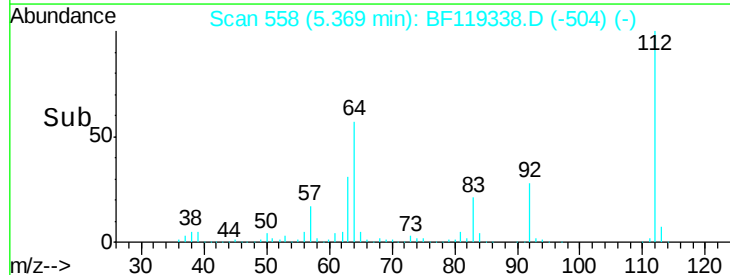
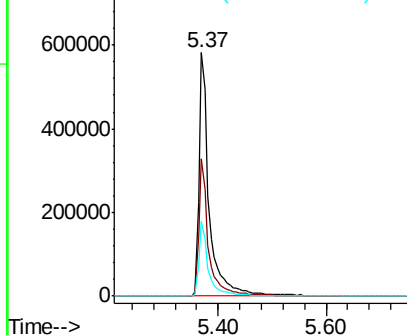
#5

2-Fluorophenol
 Concen: 115.171 ng
 RT: 5.37 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: BF119338.D
 Acq: 11 Mar 2020 6:58

Tgt Ion:112 Resp: 767627
 Ion Ratio Lower Upper
 112 100
 64 56.5 45.0 67.4
 63 30.6 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: 99.496 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

Instrument :

BNA_F

ClientSampleId :

MC5B40

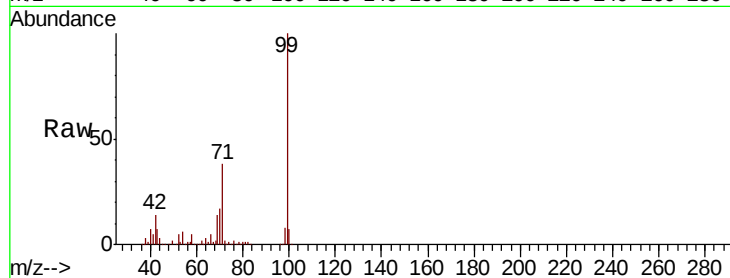
Tot Ion: 99 Resp: 806514

Ion Ratio Lower Upper

99 100

42 14.1 12.6 18.8

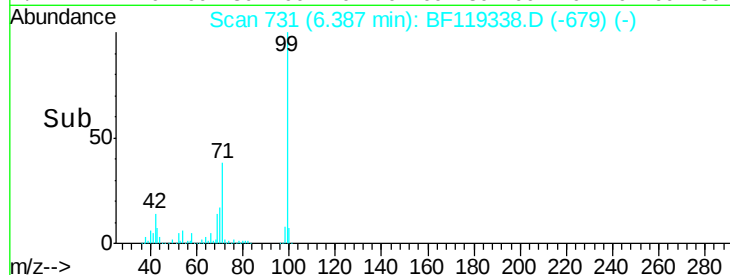
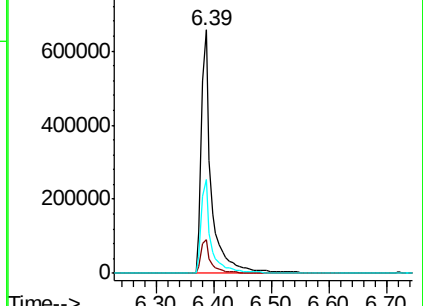
71 38.4 31.0 46.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

Tgt Ion: 136 Resp: 409970

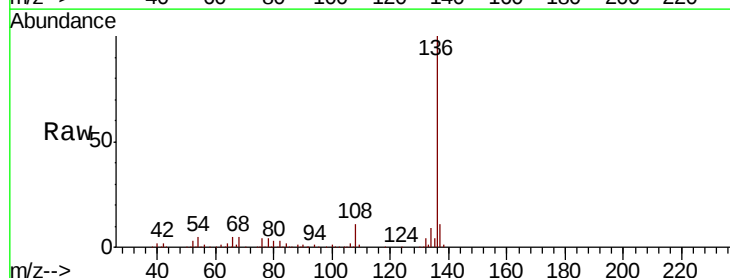
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.1 3.8 5.6

68 5.4 3.9 5.9

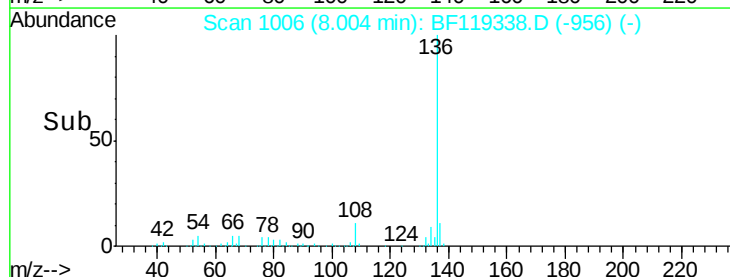
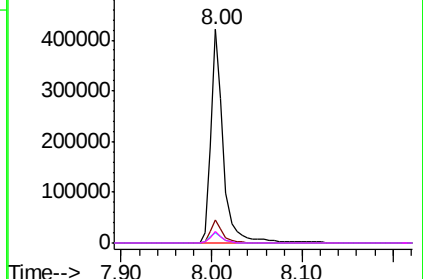


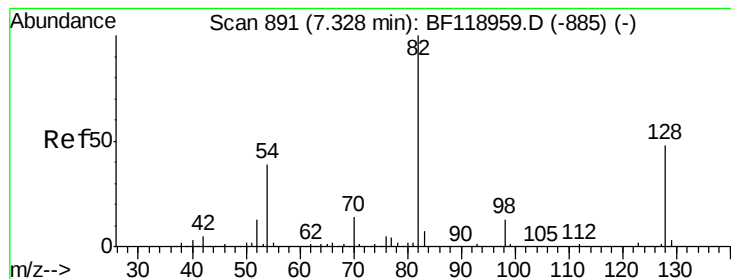
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.588 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

Instrument :

BNA_F

ClientSampleId :

MC5B40

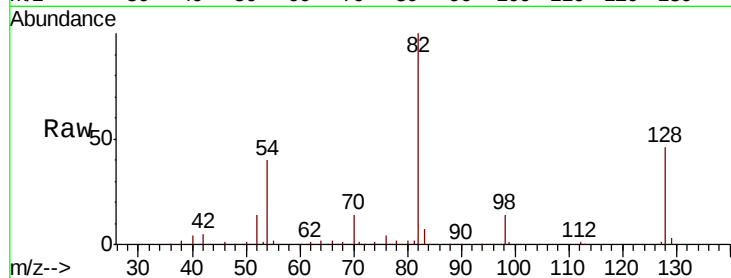
Tot Ion: 82 Resp: 656791

Ion Ratio Lower Upper

82 100

128 46.3 37.9 56.9

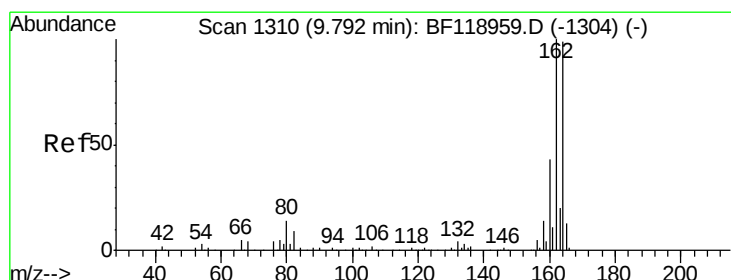
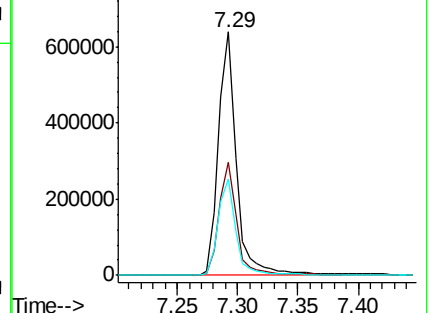
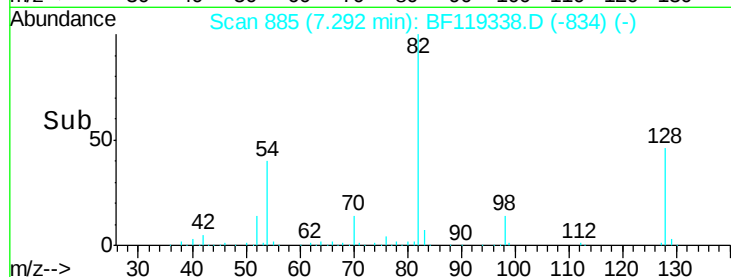
54 39.6 33.4 50.2



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

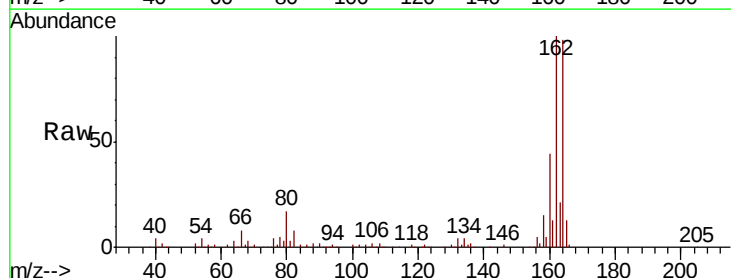
Tgt Ion:164 Resp: 199682

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

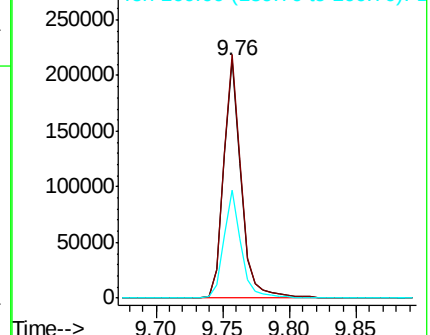
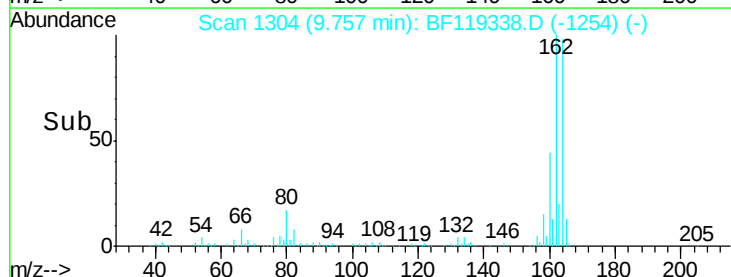
160 45.2 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

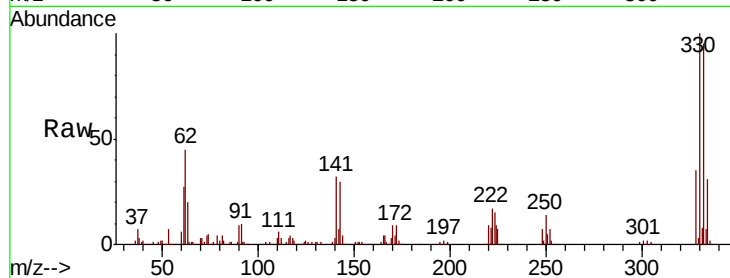




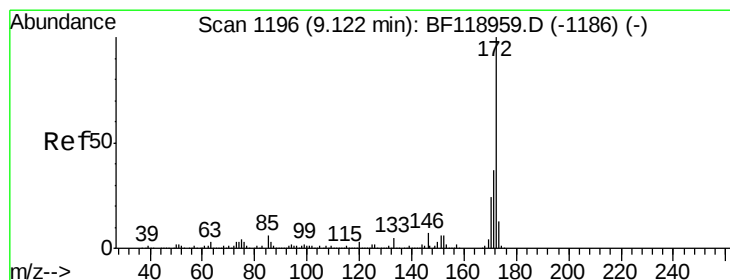
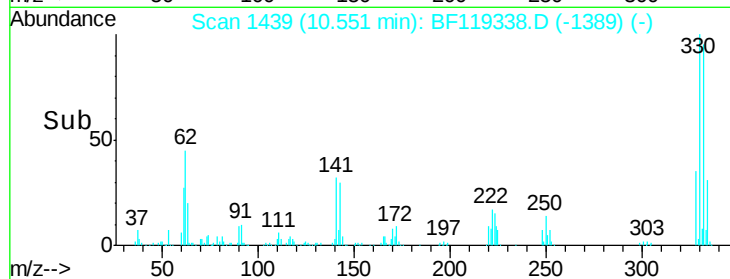
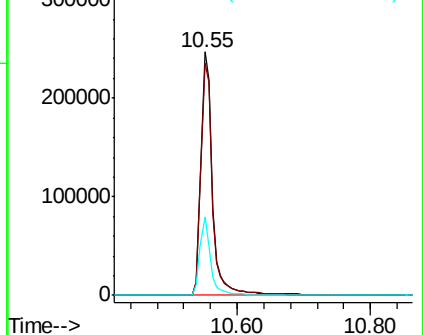
#42
 2,4,6-Tribromophenol
 Concen: 109.447 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119338.D
 Acq: 11 Mar 2020 6:58

Instrument :
 BNA_F
 ClientSampleId :
 MC5B40

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	30.7	22.9	34.3

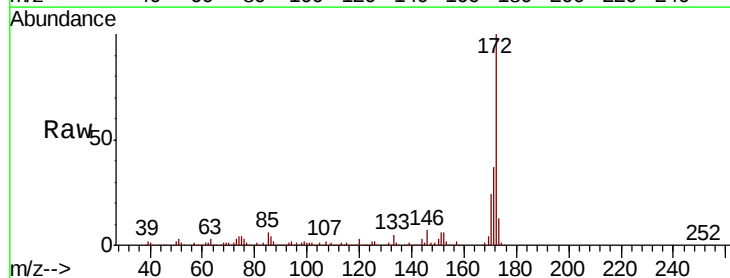


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

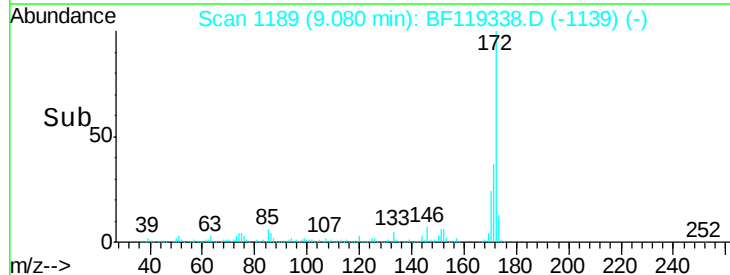
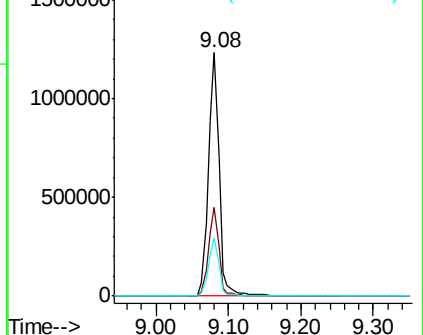


#45
 2-Fluorobiphenyl
 Concen: 93.920 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119338.D
 Acq: 11 Mar 2020 6:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	45.8
170	24.0	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: 7.967 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

Instrument :

BNA_F

ClientSampleId :

MC5B40

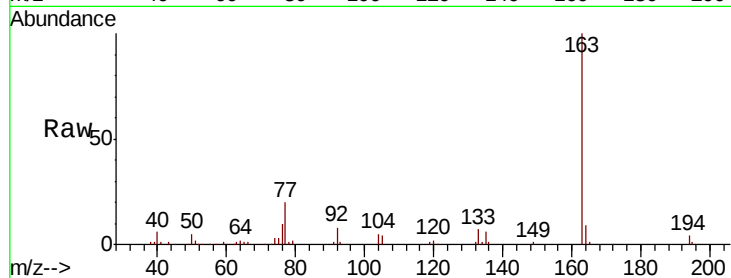
Tot Ion:163 Resp: 121646

Ion Ratio Lower Upper

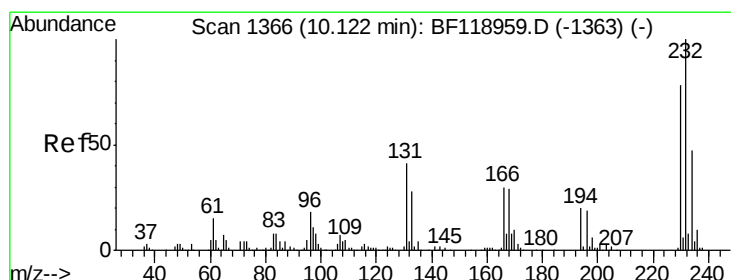
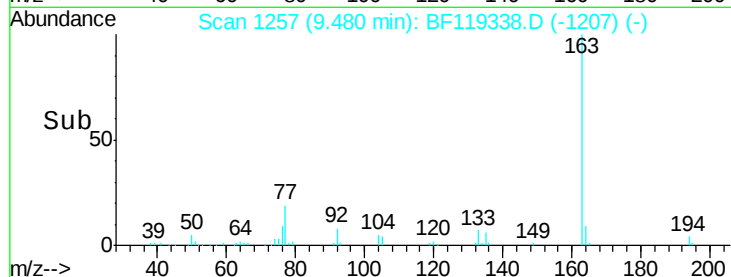
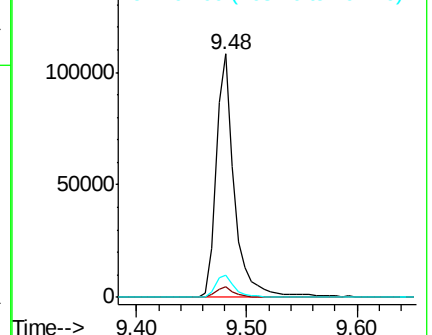
163 100

194 4.4 3.5 5.3

164 9.4 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



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.743 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

Tgt Ion:232 Resp: 14091

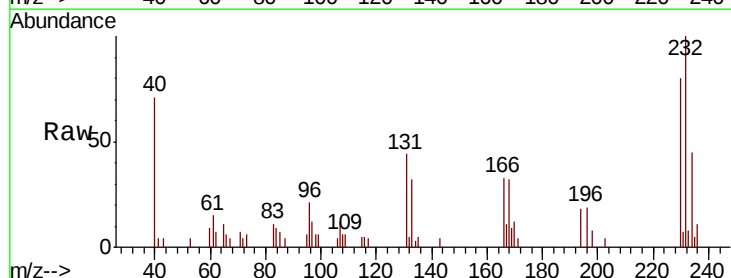
Ion Ratio Lower Upper

232 100

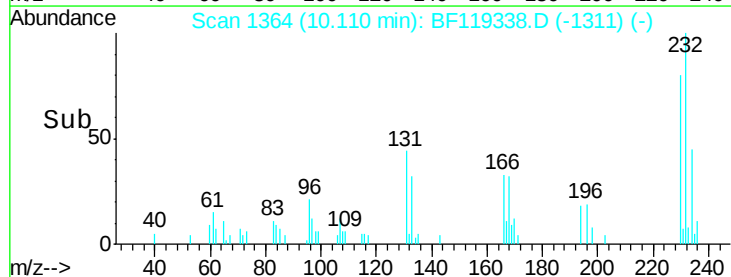
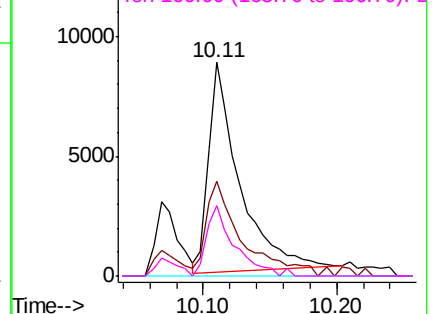
131 51.9 33.8 50.8#

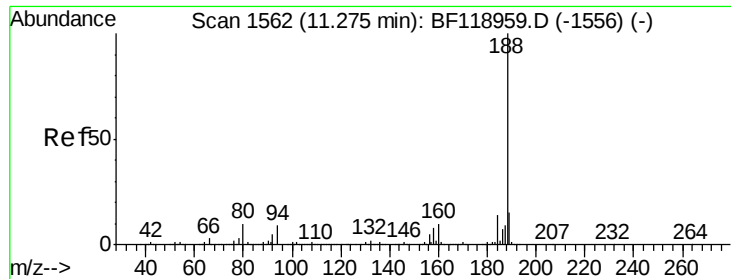
130 0.0 1.8 2.6#

166 30.6 23.0 34.4



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

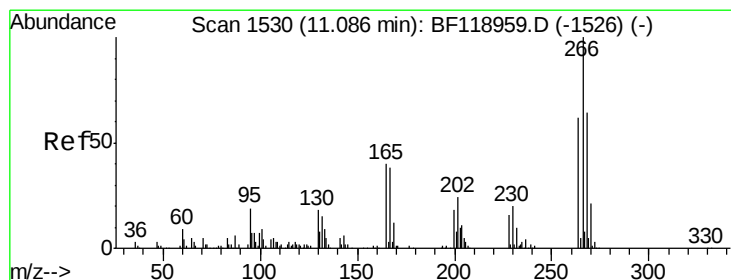
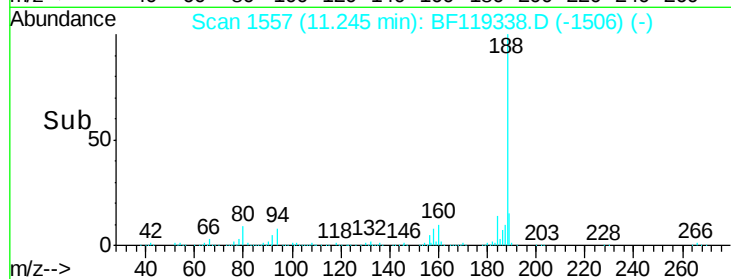
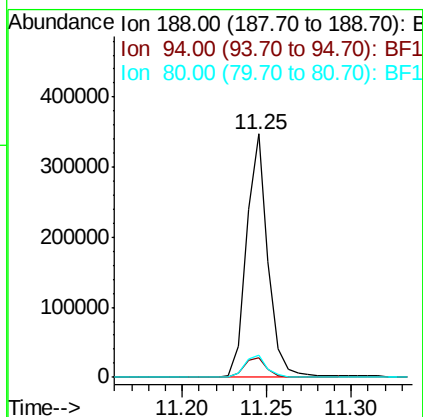
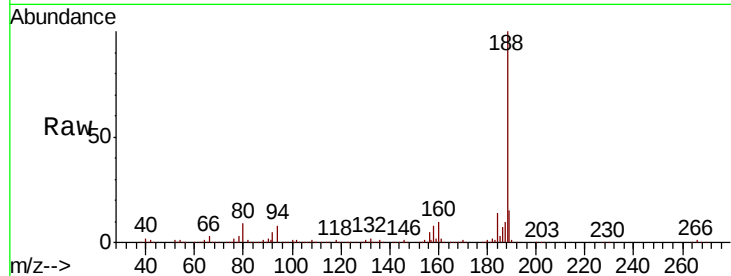




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119338.D
Acq: 11 Mar 2020 6:58

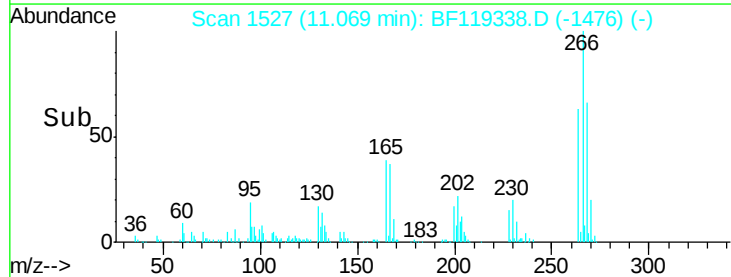
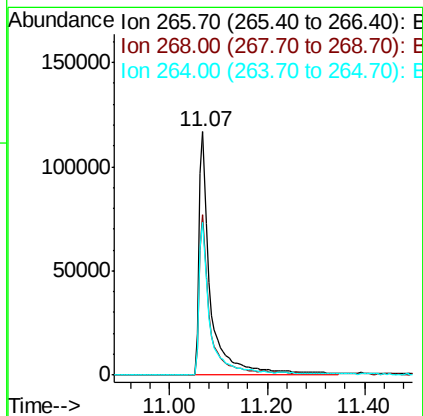
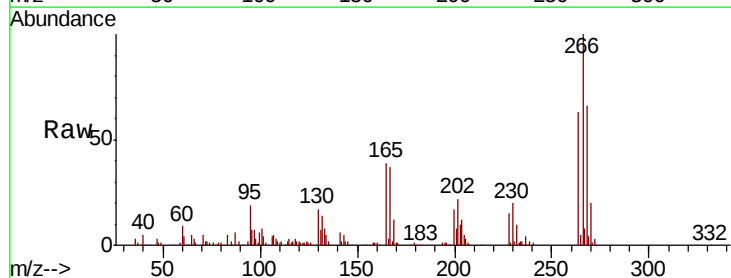
Instrument :
BNA_F
ClientSampleId :
MC5B40

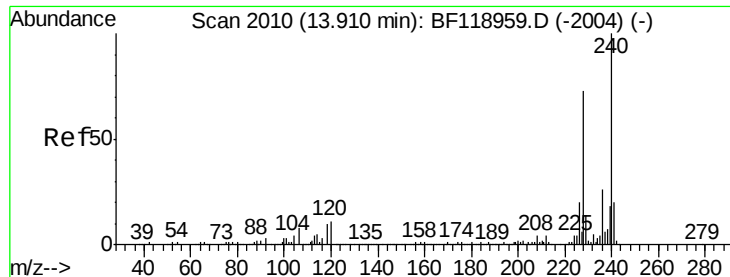
Tot Ion:188 Resp: 306351
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.9 7.8 11.8



#70
Pentachlorophenol
Concen: 104.736 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119338.D
Acq: 11 Mar 2020 6:58

Tgt Ion:266 Resp: 194786
Ion Ratio Lower Upper
266 100
268 65.7 51.9 77.9
264 62.8 51.0 76.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

Instrument :

BNA_F

ClientSampleId :

MC5B40

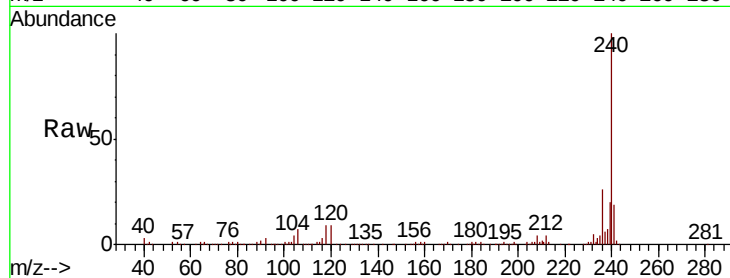
Tot Ion:240 Resp: 249133

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

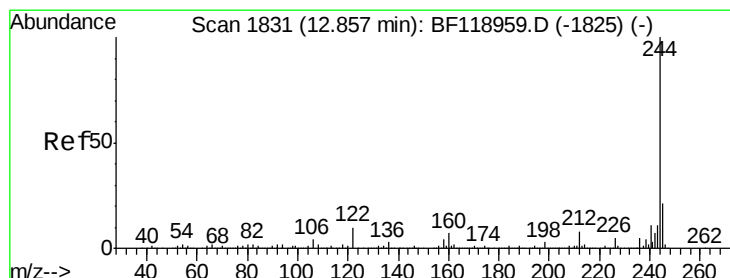
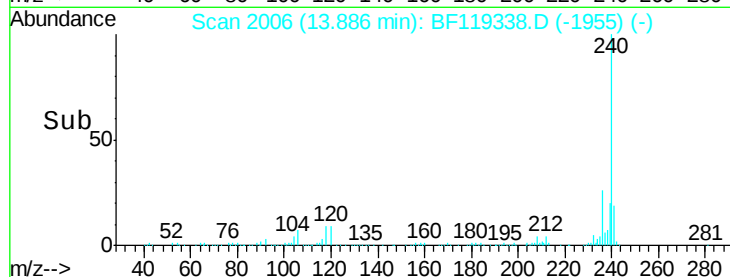
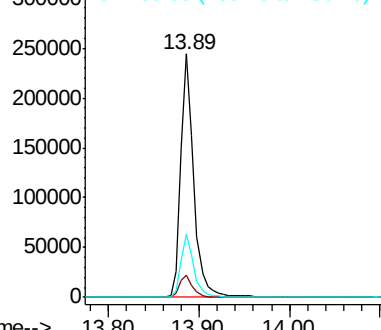
236 25.7 21.0 31.4



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: 84.716 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119338.D

Acq: 11 Mar 2020 6:58

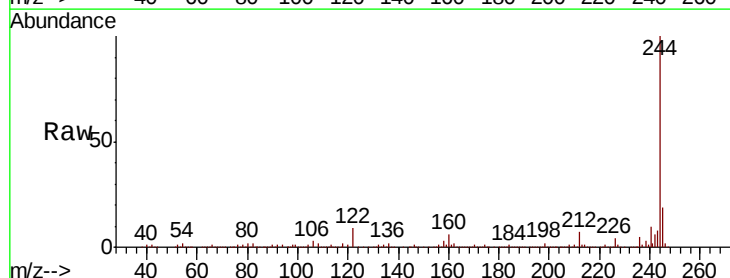
Tgt Ion:244 Resp: 1225871

Ion Ratio Lower Upper

244 100

212 6.9 6.6 10.0

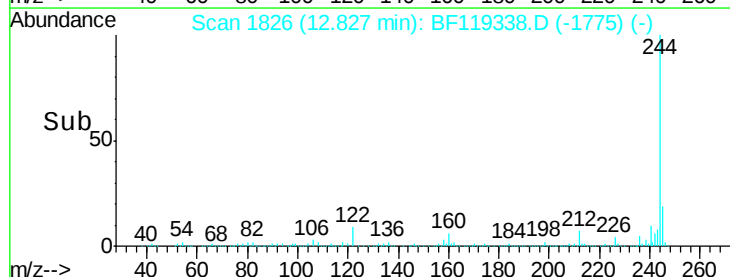
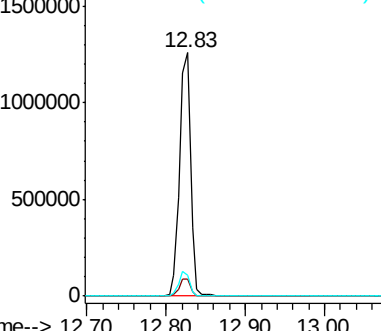
122 8.5 8.2 12.2

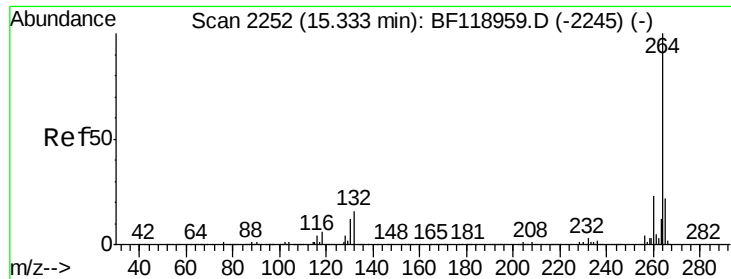


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

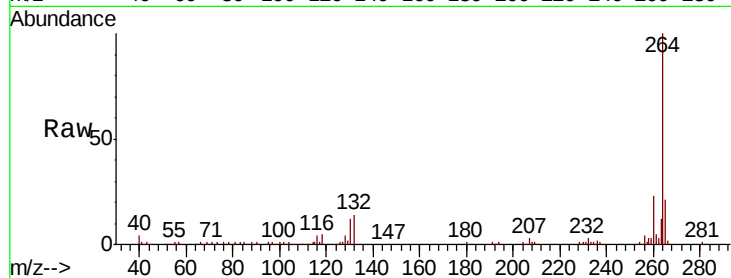




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BF119338.D
 Acq: 11 Mar 2020 6:58

Instrument :
 BNA_F
 ClientSampleId :
 MC5B40

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	20.9	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

