

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112573.D
 Acq On : 14 Feb 2019 17:41
 Operator : JU/SJ
 Sample : K1457-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-5)

Quant Time: Feb 15 06:42:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

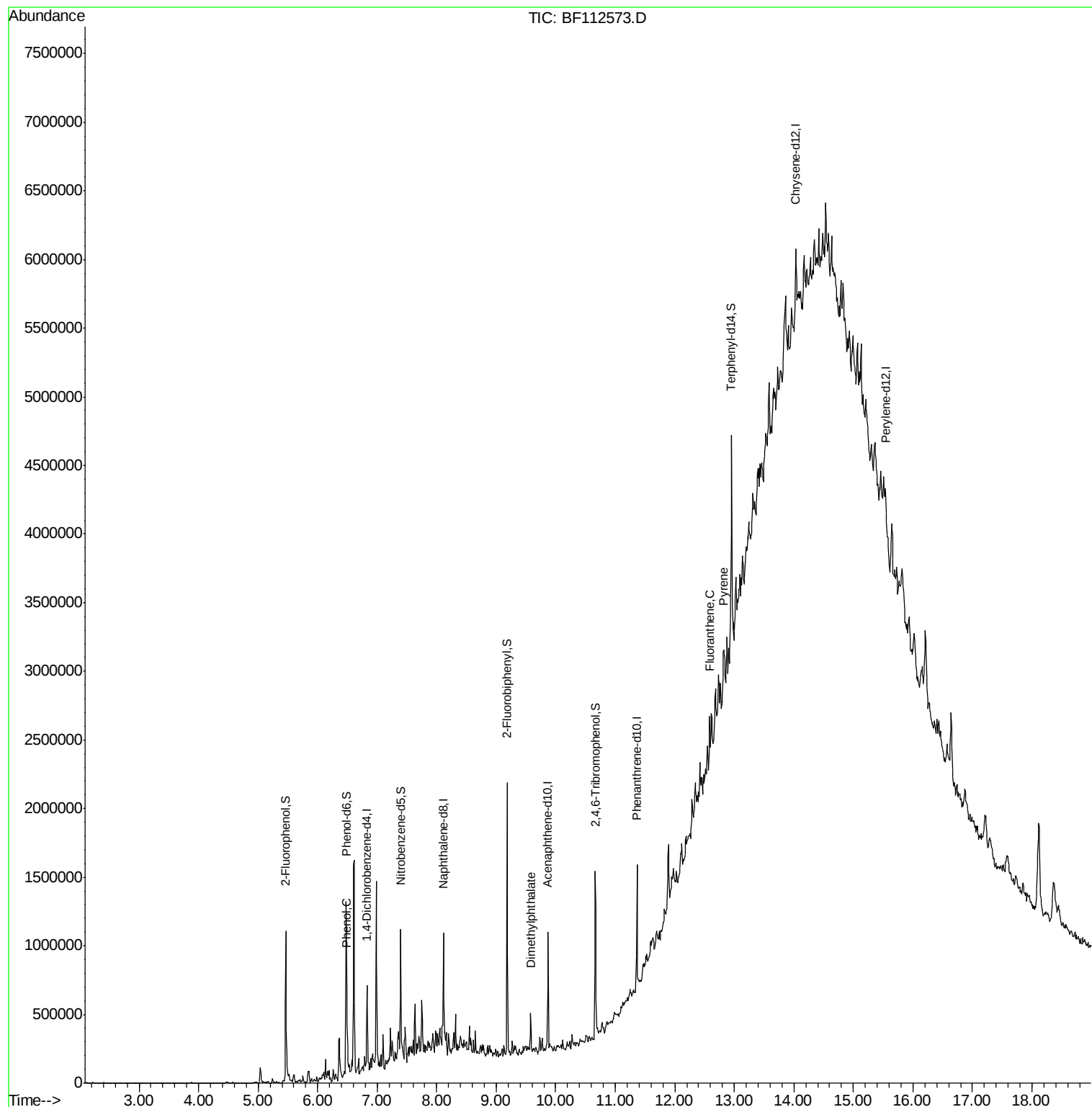
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	86885	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	321961	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	159468	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	303784	20.00	ng	0.00
76) Chrysene-d12	14.03	240	185909	20.00	ng	0.02
87) Perylene-d12	15.54	264	147700	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	375655	91.84	ng	-0.02
7) Phenol-d6	6.48	99	467416	82.23	ng	-0.01
23) Nitrobenzene-d5	7.39	82	285368	51.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	148735	80.13	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	572957	50.82	ng	-0.02
79) Terphenyl-d14	12.95	244	528566	53.55	ng	0.00
Target Compounds						
10) Phenol	6.49	94	29917	4.798	ng	92
50) Dimethylphthalate	9.58	163	68995	5.569	ng	# 97
75) Fluoranthene	12.59	202	91030	5.374	ng	93
78) Pyrene	12.82	202	135584	10.534	ng	# 95

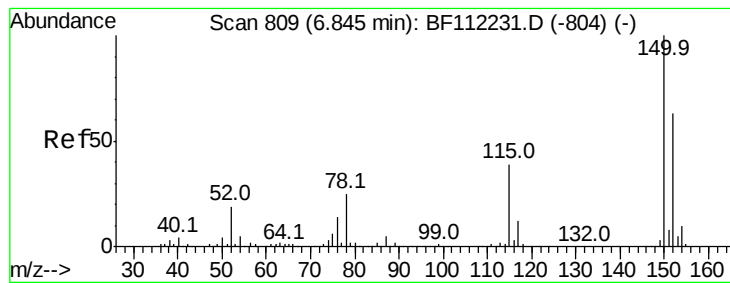
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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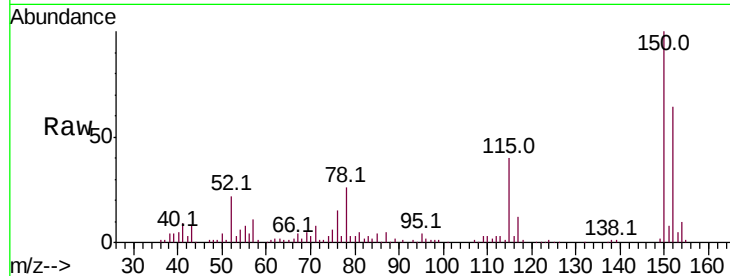


#1

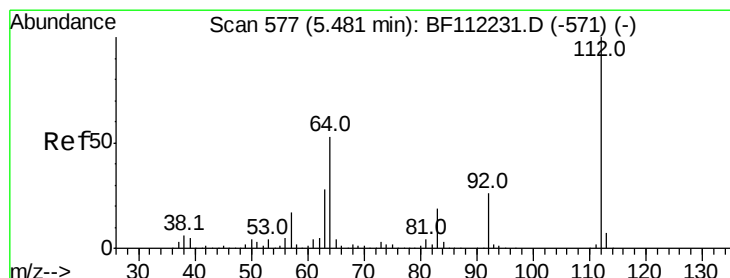
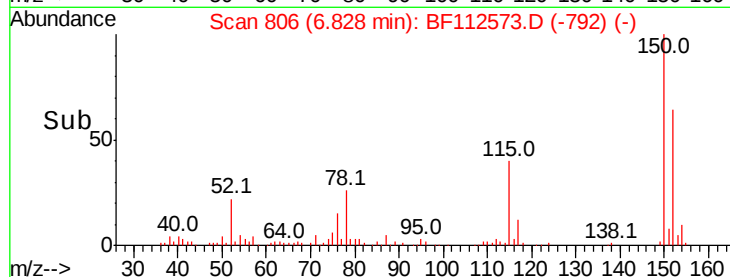
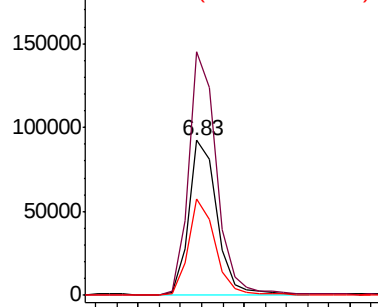
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)

Tot Ion:152 Resp: 86885
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 62.6 45.5 68.3



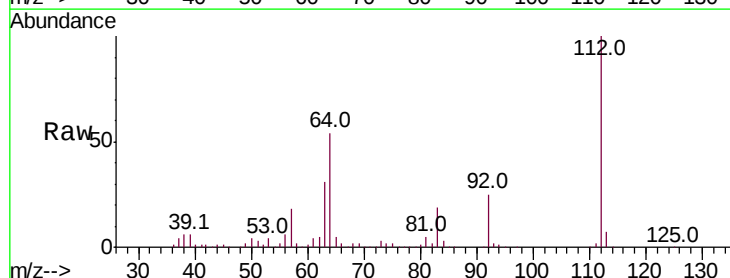
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



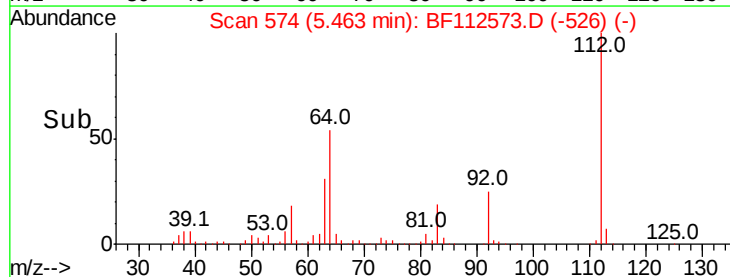
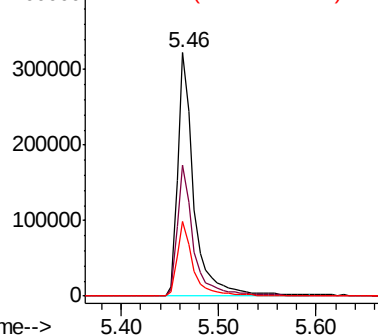
#5

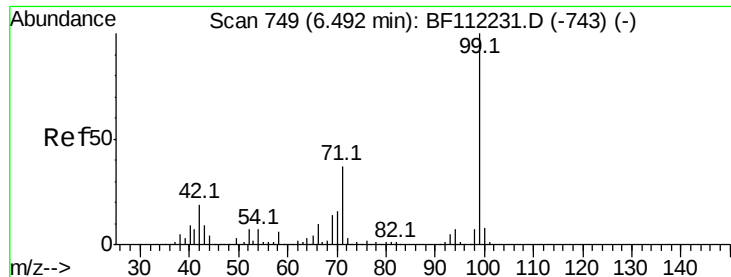
2-Fluorophenol
Concen: 91.836 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

Tgt Ion:112 Resp: 375655
Ion Ratio Lower Upper
112 100
64 54.1 45.7 68.5
63 30.5 23.6 35.4



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: 82.234 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

Instrument :

BNA_F

ClientSampleId :

SB-10(0-5)

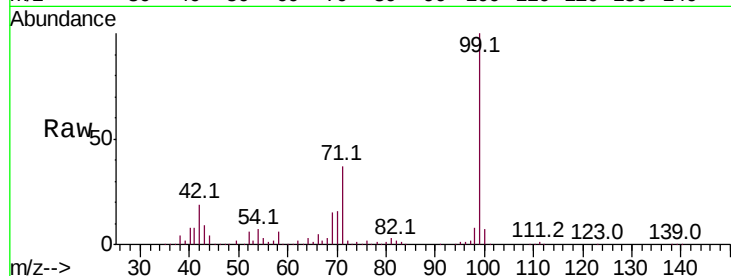
Tot Ion: 99 Resp: 467416

Ion Ratio Lower Upper

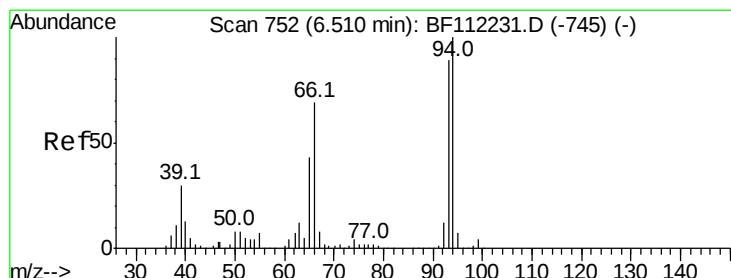
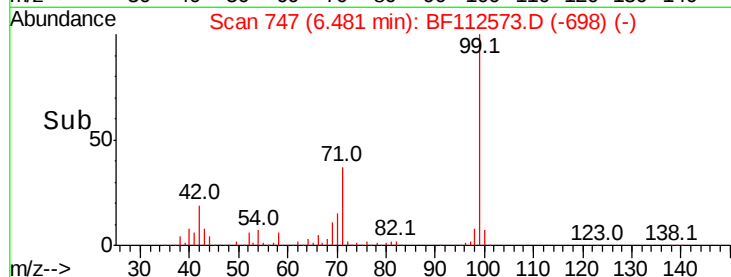
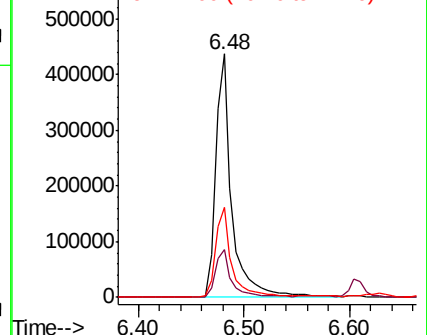
99 100

42 19.5 15.1 22.7

71 36.8 26.9 40.3



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



#10

Phenol

Concen: 4.798 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

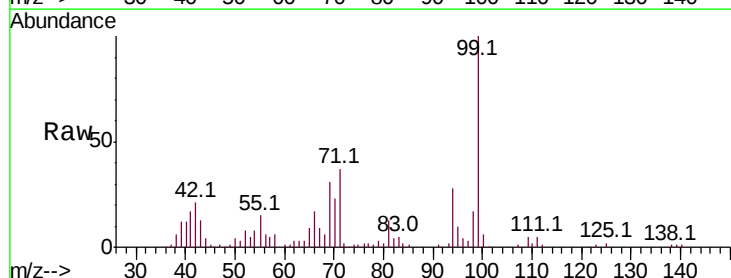
Tgt Ion: 94 Resp: 29917

Ion Ratio Lower Upper

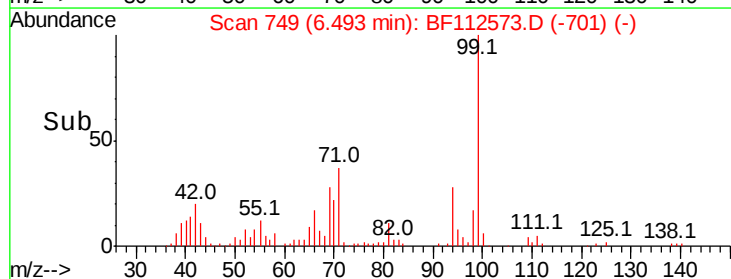
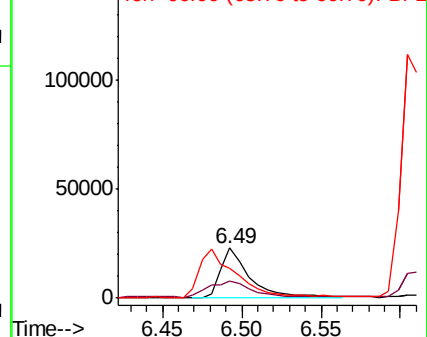
94 100

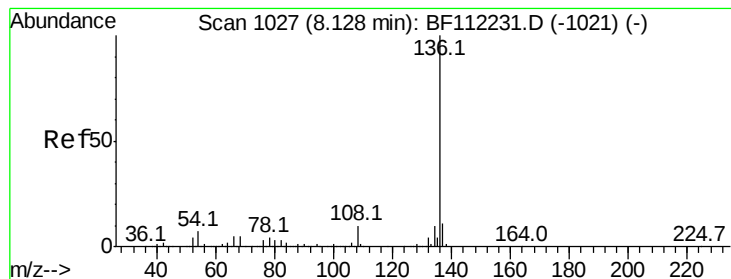
65 32.8 20.3 60.3

66 58.6 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

Instrument :

BNA_F

ClientSampleId :

SB-10(0-5)

Tot Ion:136 Resp: 321961

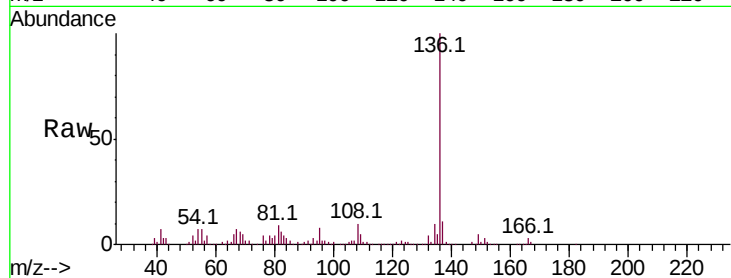
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.9 5.9 8.9

68 6.0 5.1 7.7

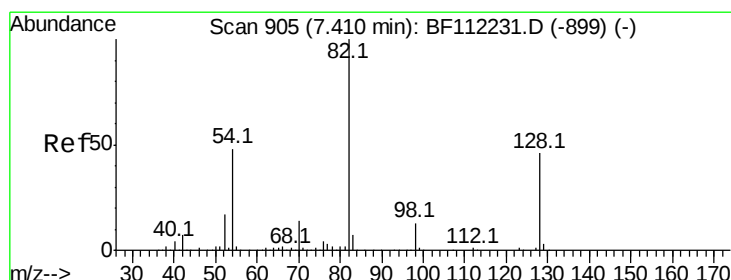
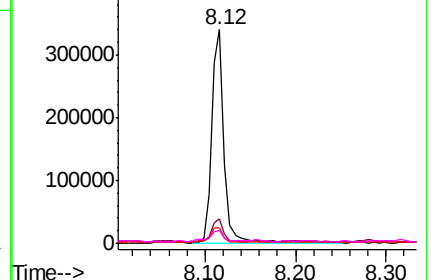
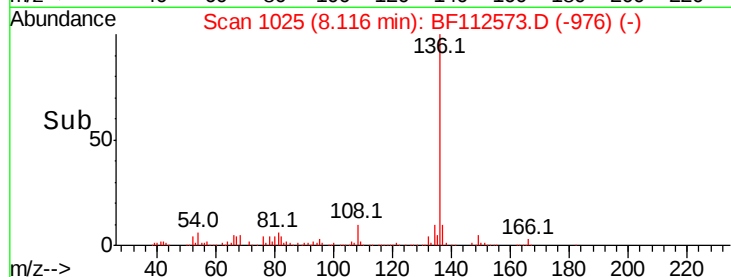


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.071 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

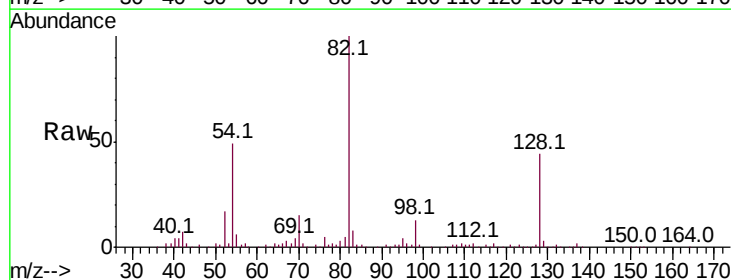
Tgt Ion: 82 Resp: 285368

Ion Ratio Lower Upper

82 100

128 44.5 37.8 56.8

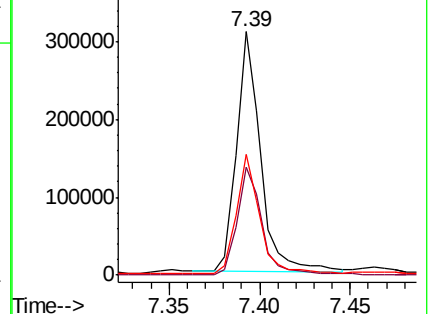
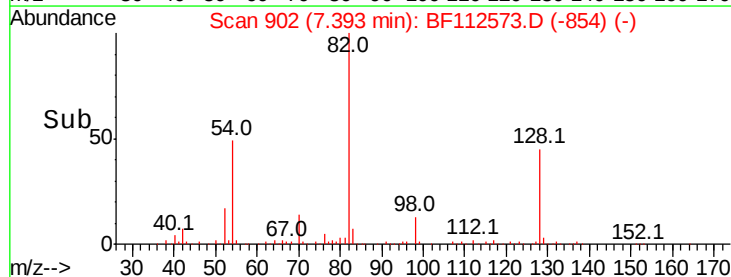
54 49.4 39.7 59.5

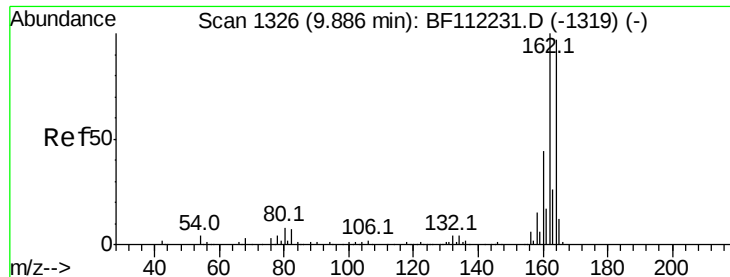


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

Instrument :

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SB-10(0-5)

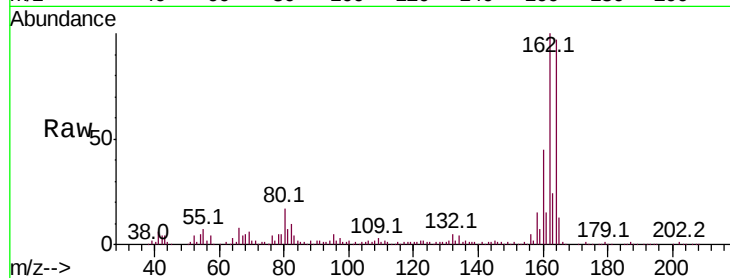
Tot Ion:164 Resp: 159468

Ion Ratio Lower Upper

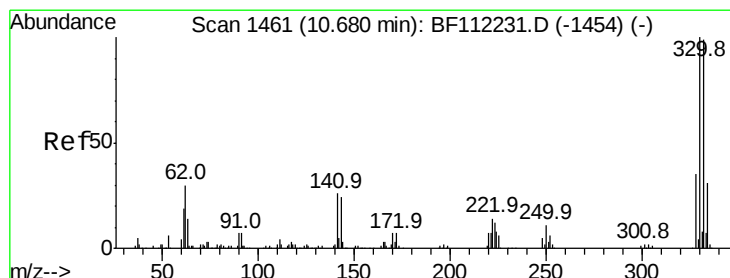
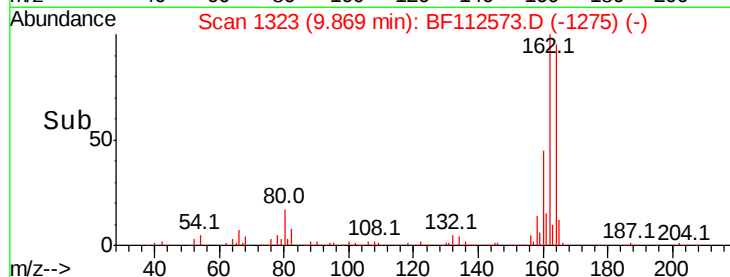
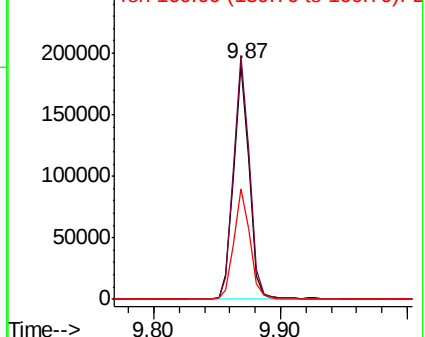
164 100

162 103.6 82.2 123.4

160 46.9 36.2 54.4



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: 80.130 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

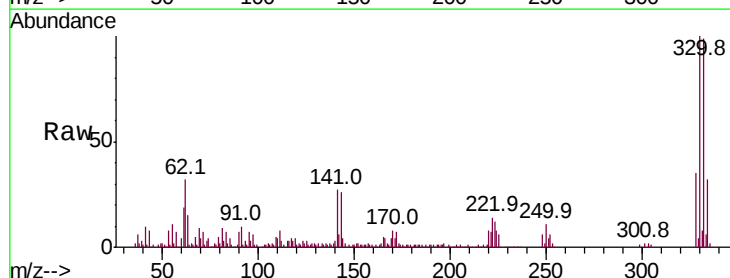
Tgt Ion:330 Resp: 148735

Ion Ratio Lower Upper

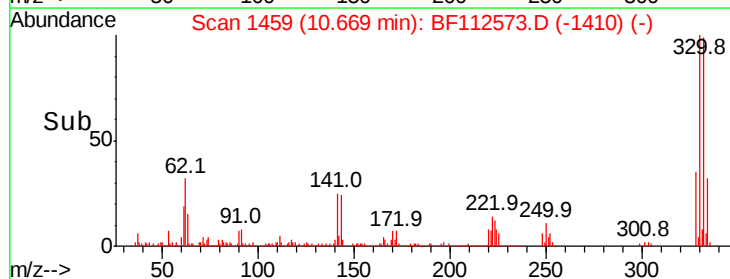
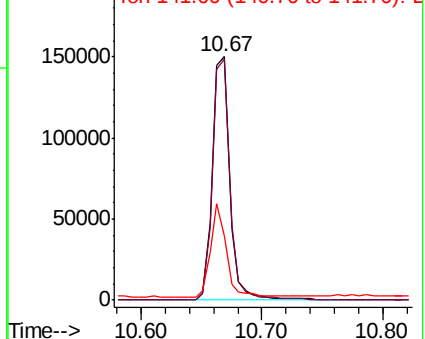
330 100

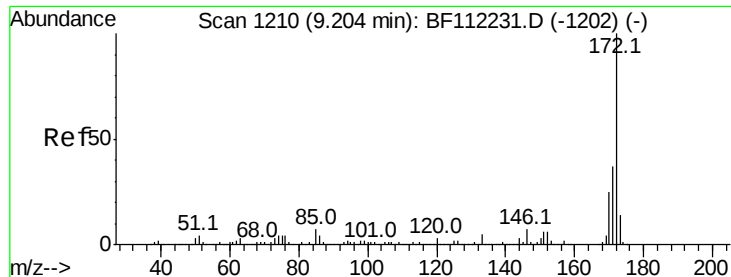
332 99.4 76.6 114.8

141 35.3 24.3 36.5



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

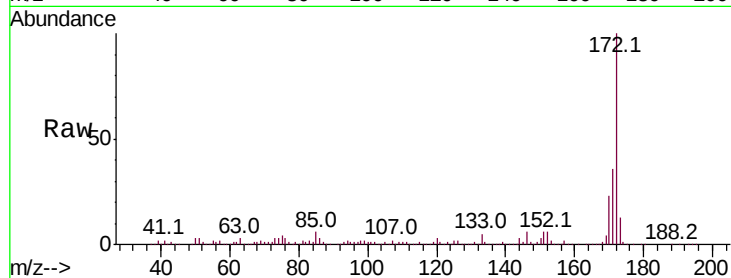




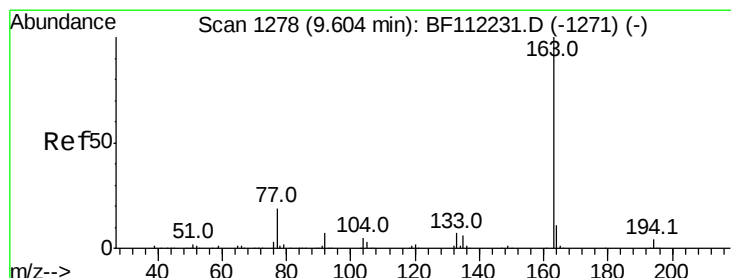
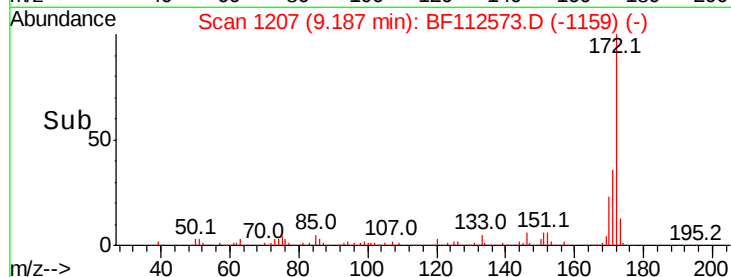
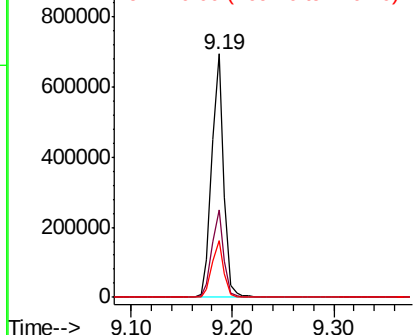
#45
2-Fluorobiphenyl
Concen: 50.816 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

Instrument :
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ClientSampleId :
SB-10(0-5)

Tot Ion:172 Resp: 572957
Ion Ratio Lower Upper
172 100
171 36.0 30.5 45.7
170 23.4 20.2 30.4

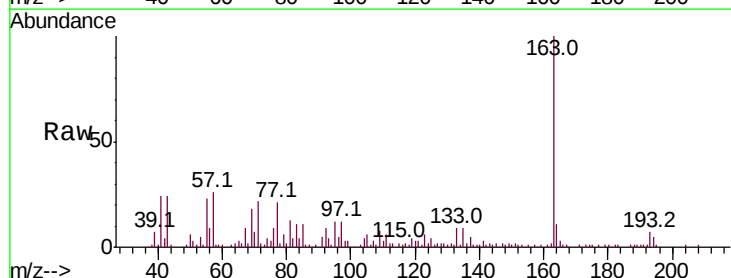


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

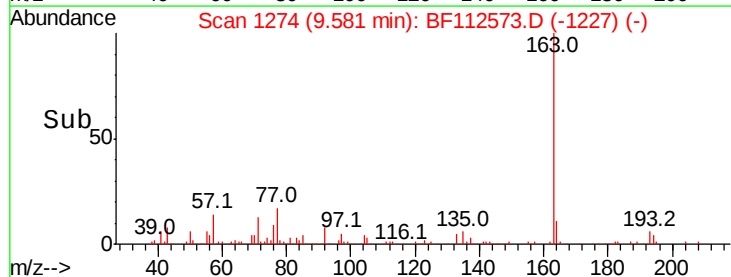
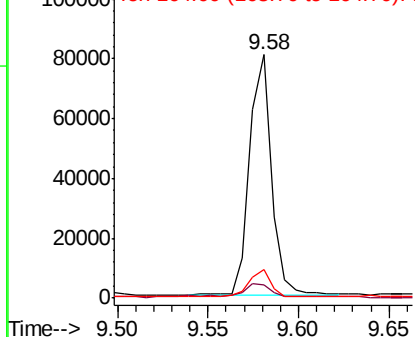


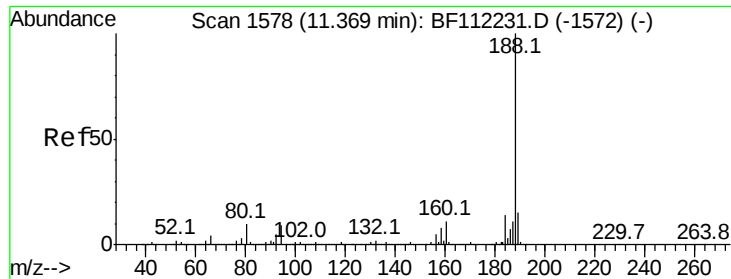
#50
Dimethylphthalate
Concen: 5.569 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

Tgt Ion:163 Resp: 68995
Ion Ratio Lower Upper
163 100
194 5.3 3.3 4.9#
164 11.5 8.5 12.7



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

Instrument :

BNA_F

ClientSampleId :

SB-10(0-5)

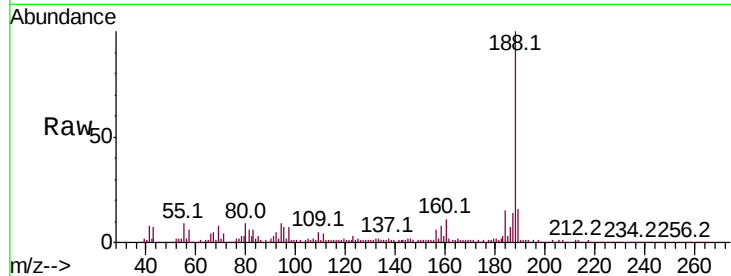
Tot Ion:188 Resp: 303784

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

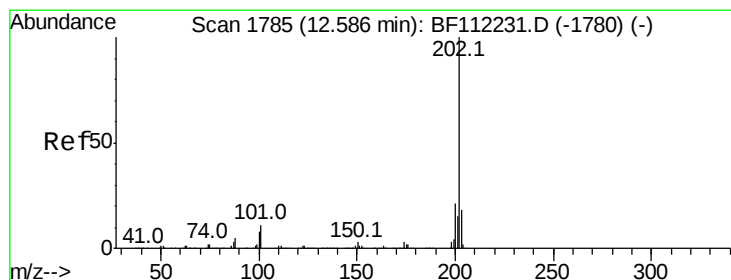
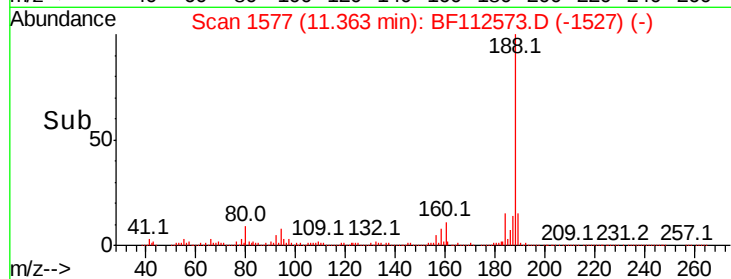
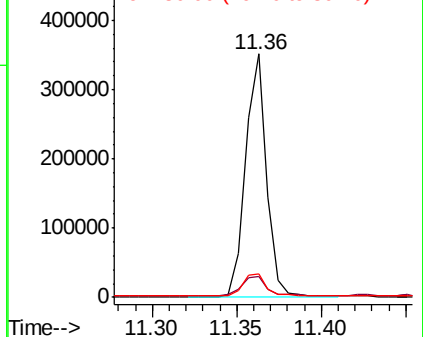
80 9.4 8.9 13.3



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



#75

Fluoranthene

Concen: 5.374 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

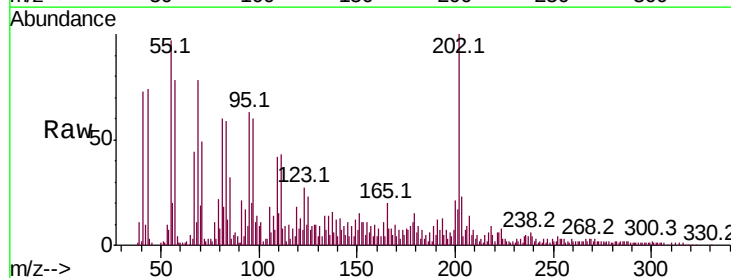
Tgt Ion:202 Resp: 91030

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.8

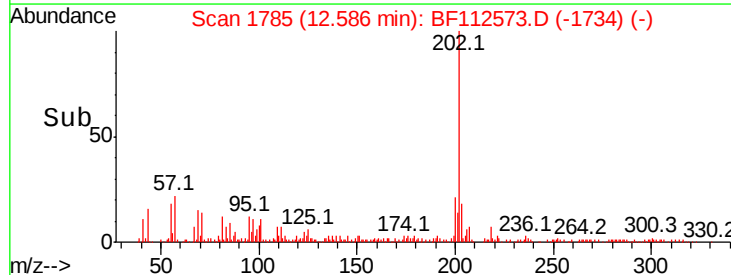
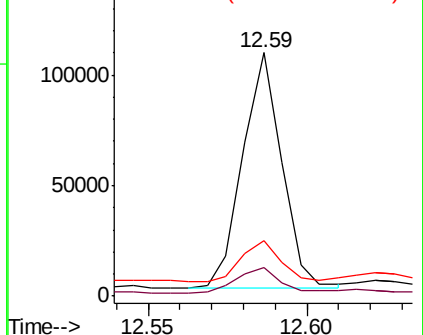
203 23.0 0.0 38.4

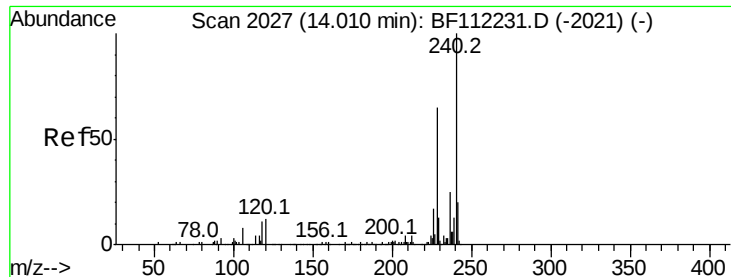


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.02 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

Instrument :

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SB-10(0-5)

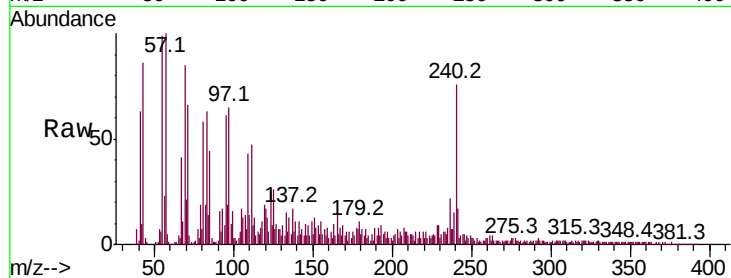
Tot Ion:240 Resp: 185909

Ion Ratio Lower Upper

240 100

120 21.9 9.0 13.6#

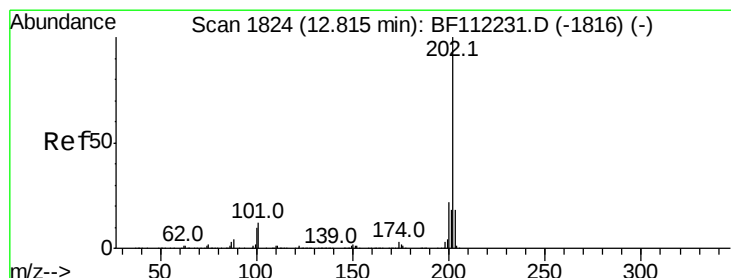
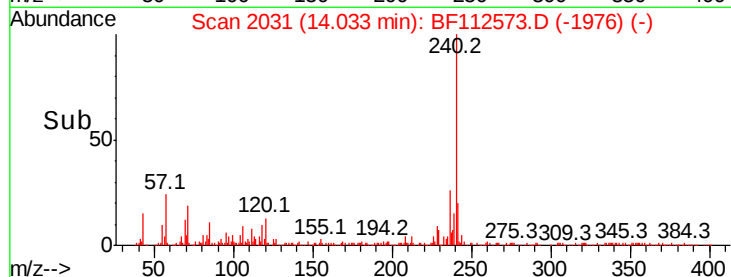
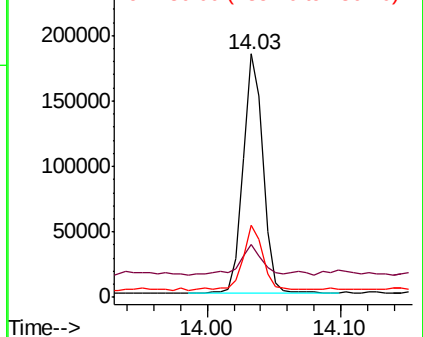
236 29.4 20.7 31.1



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



#78

Pyrene

Concen: 10.534 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

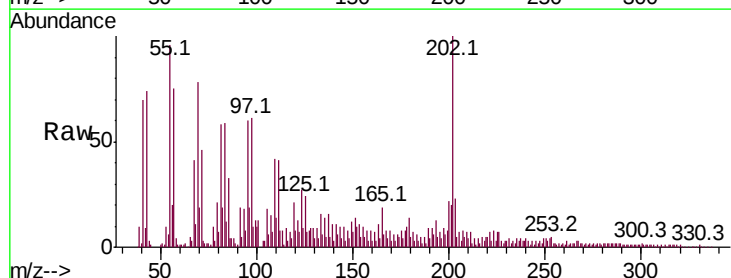
Tgt Ion:202 Resp: 135584

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

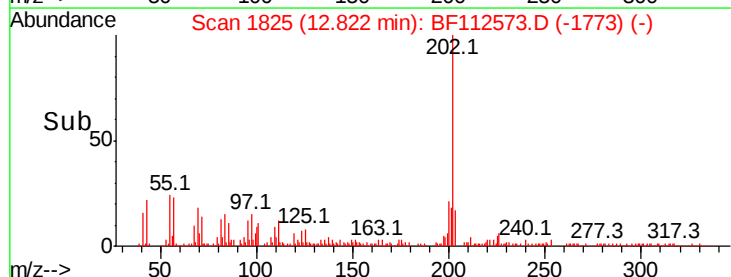
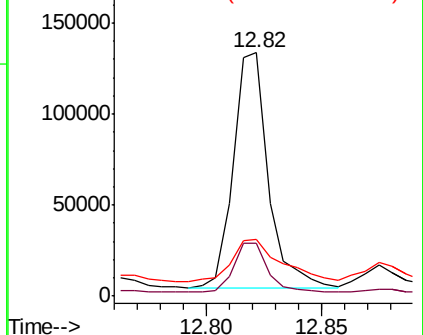
203 23.4 14.6 22.0#

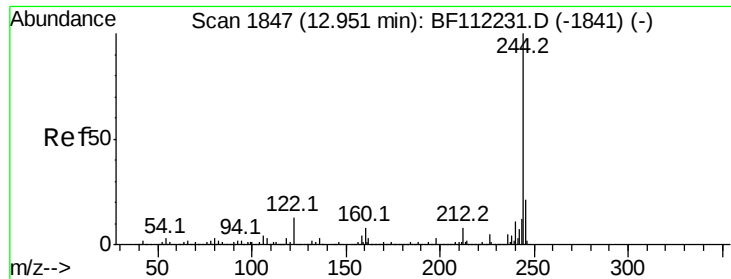


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 53.549 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

Instrument :

BNA_F

ClientSampleId :

SB-10(0-5)

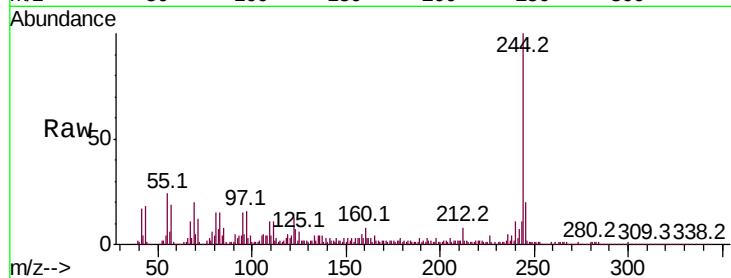
Tot Ion:244 Resp: 528566

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

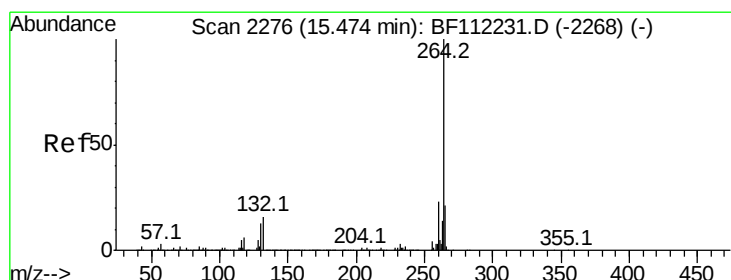
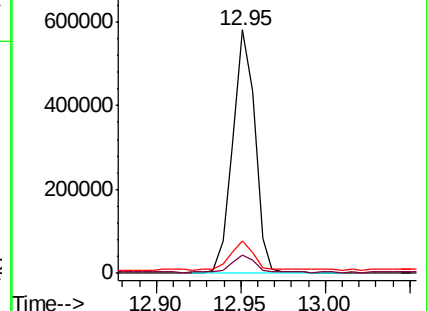
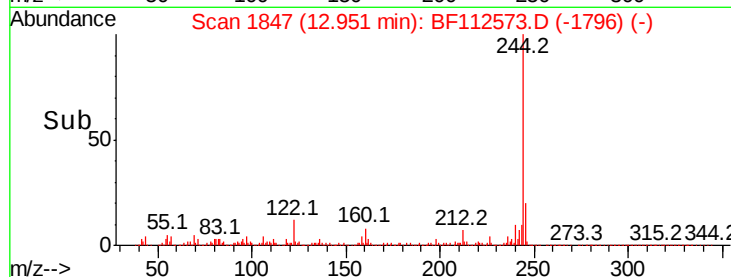
122 13.1 9.8 14.6



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: 15.54 min Scan# 2287

Delta R.T. 0.06 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

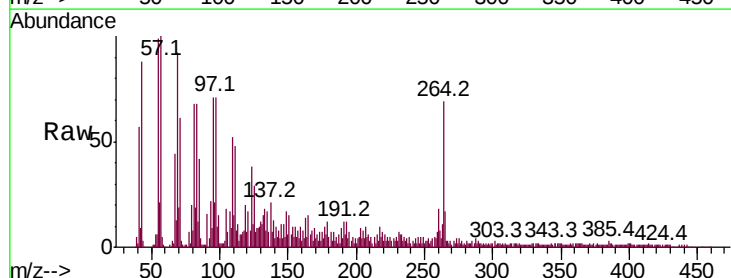
Tgt Ion:264 Resp: 147700

Ion Ratio Lower Upper

264 100

260 25.7 18.2 27.2

265 24.6 17.0 25.4



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

