

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106831.D
 Acq On : 26 Jun 2018 19:00
 Operator : JU/SJ
 Sample : J3667-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-PAINT-CHIP

Quant Time: Jun 27 02:00:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

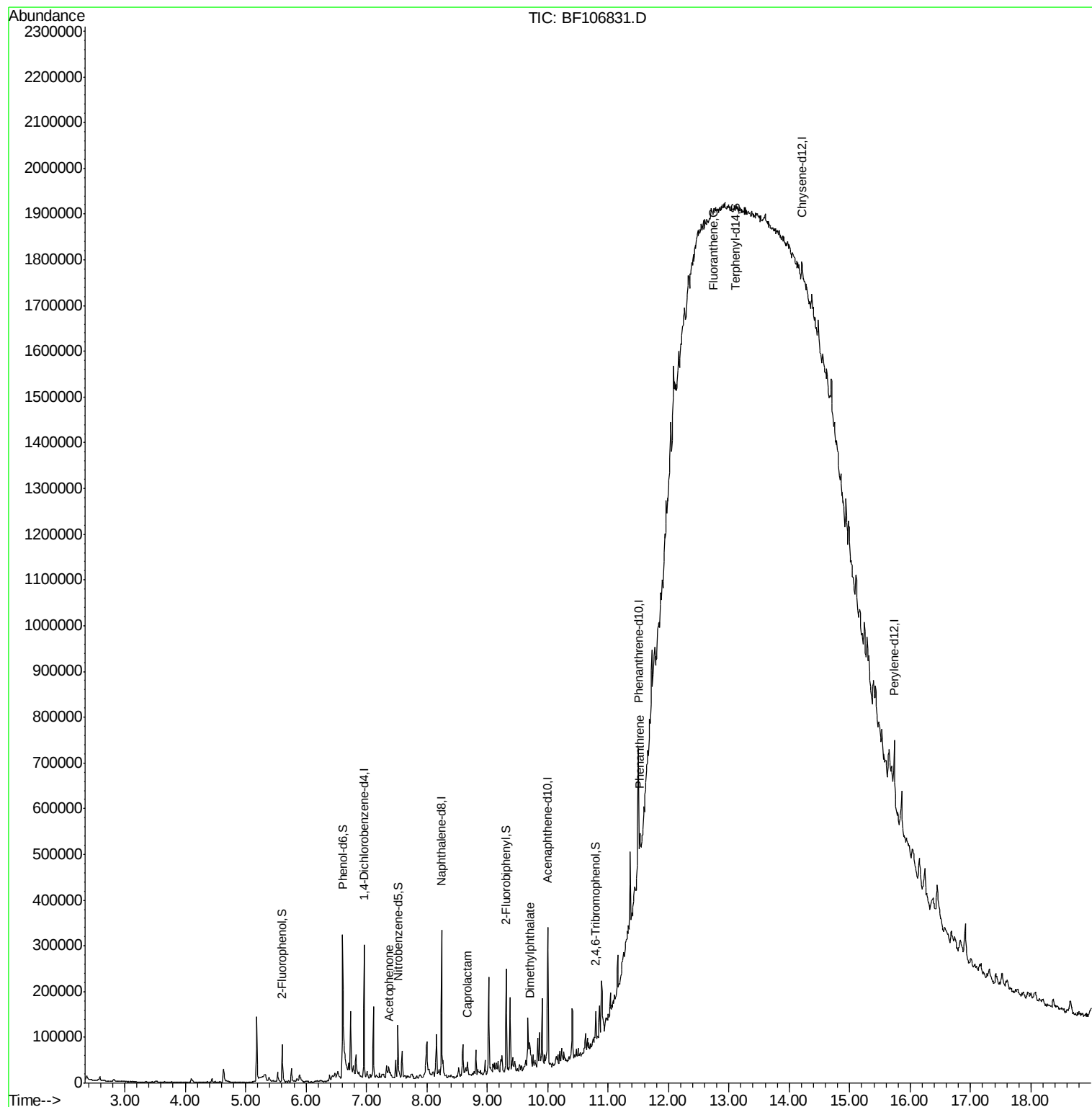
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	38772	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	135668	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	60800	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	111207	20.00	ng	0.00
75) Chrysene-d12	14.21	240	49256	20.00	ng	0.05
86) Perylene-d12	15.74	264	67255	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	26715	11.67	ng	0.00
7) Phenol-d6	6.61	99	43852	15.34	ng	0.00
23) Nitrobenzene-d5	7.52	82	31573	12.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	4051	5.75	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	62388	3.17	ng	-0.01
78) Terphenyl-d14	13.12	244	22017	10.83	ng	0.04
Target Compounds						
22) Acetophenone	7.37	105	7105	2.341	ng	97
35) Caprolactam	8.67	113	2677	4.313	ng	# 77
49) Dimethylphthalate	9.71	163	13222	2.900	ng	99
70) Phenanthrene	11.52	178	14657	2.733	ng	# 87
74) Fluoranthene	12.74	202	14037	2.374	ng	# 62

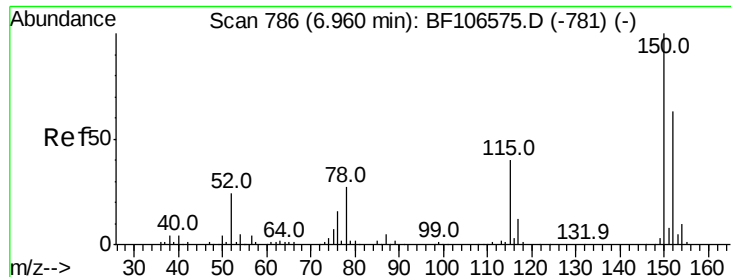
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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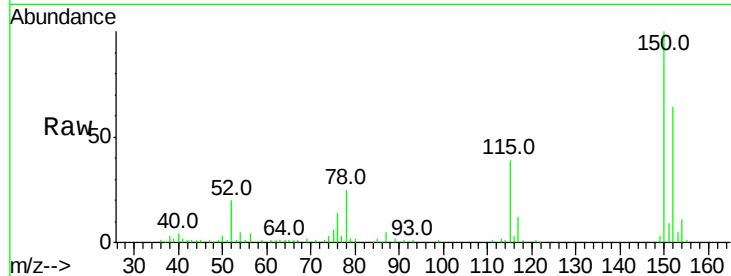


#1

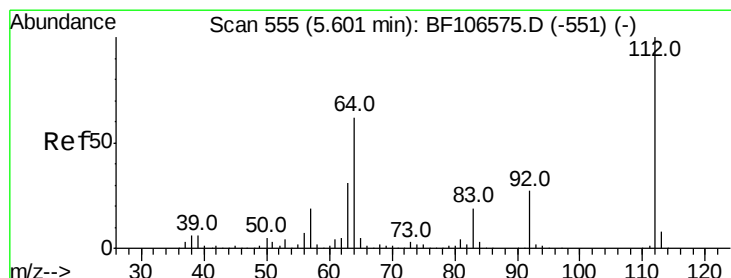
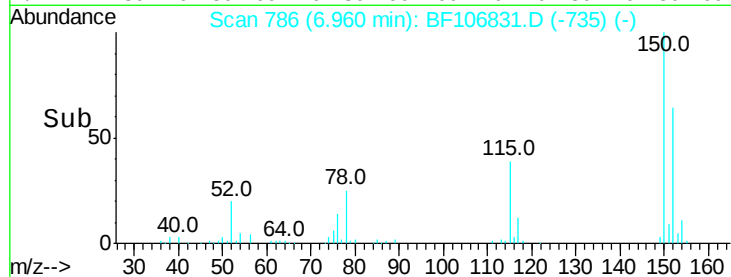
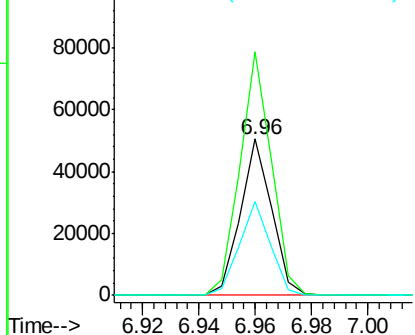
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF106831.D
 Acq: 26 Jun 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 CS-PAINT-CHIP

Tot Ion:152 Resp: 38772
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 60.1 50.1 75.1



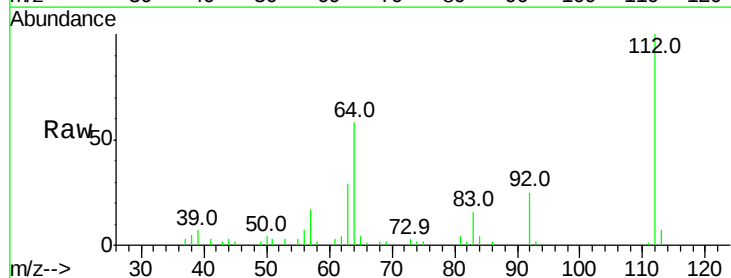
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



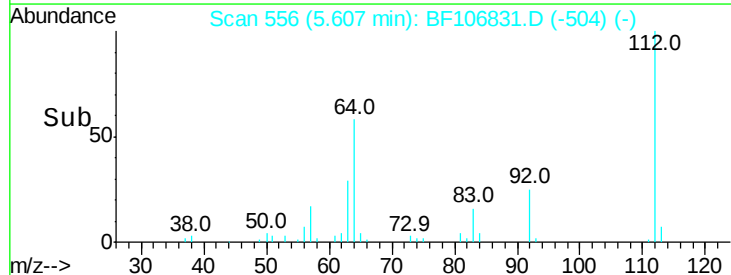
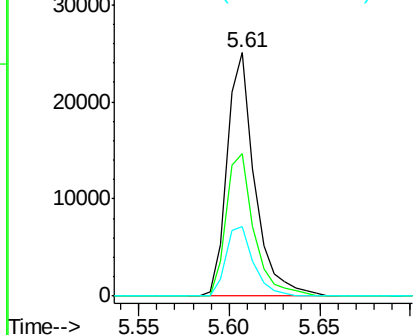
#5

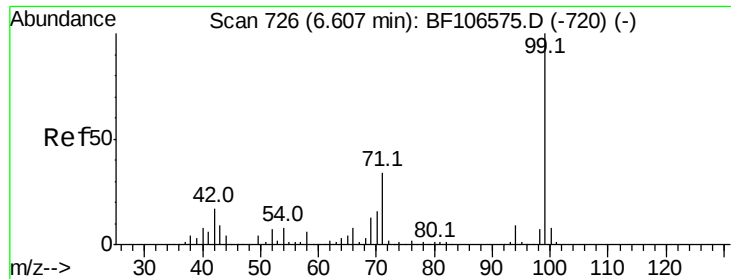
2-Fluorophenol
 Concen: 11.667 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF106831.D
 Acq: 26 Jun 2018 19:00

Tgt Ion:112 Resp: 26715
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.9 71.9
 63 28.6 23.7 35.5



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: 15.336 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

Instrument :

BNA_F

ClientSampleId :

CS-PAINT-CHIP

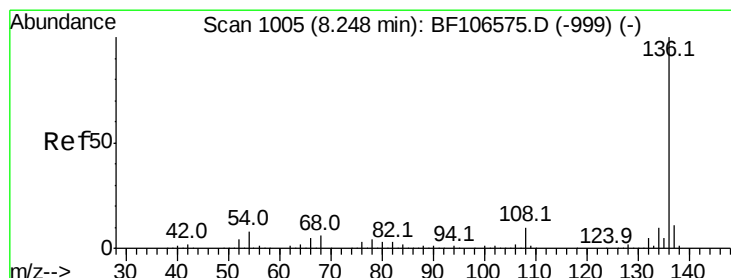
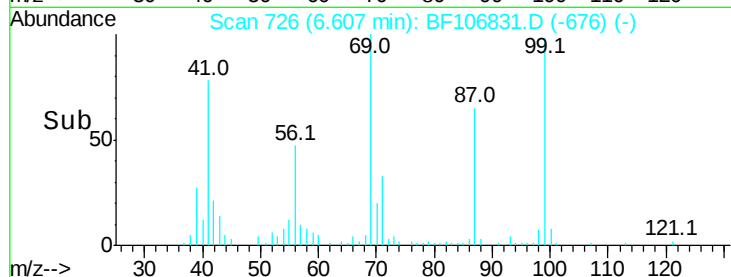
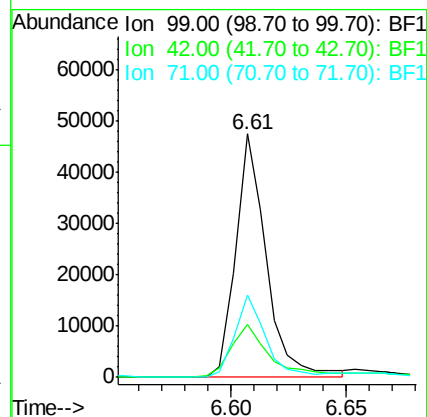
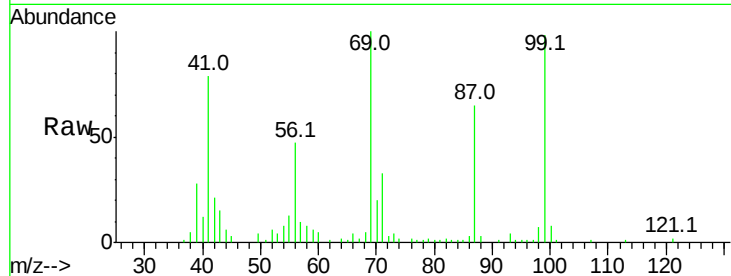
Tot Ion: 99 Resp: 43852

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7#

71 33.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

Tgt Ion: 136 Resp: 135668

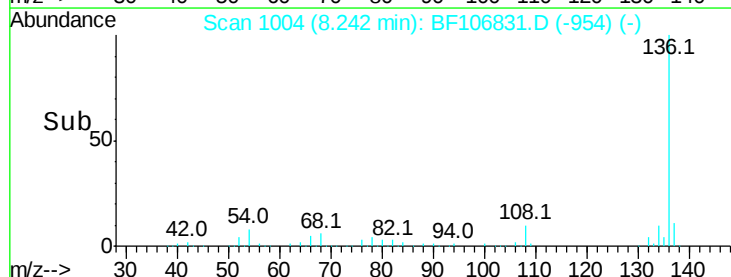
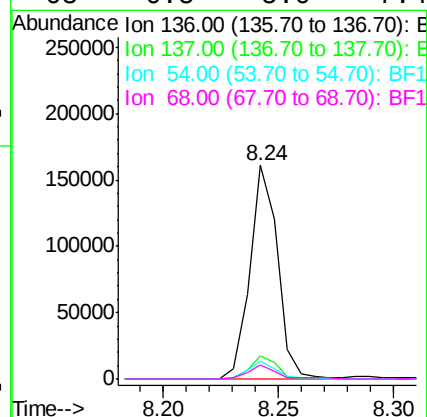
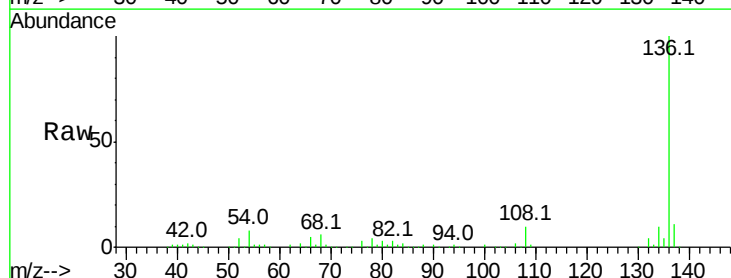
Ion Ratio Lower Upper

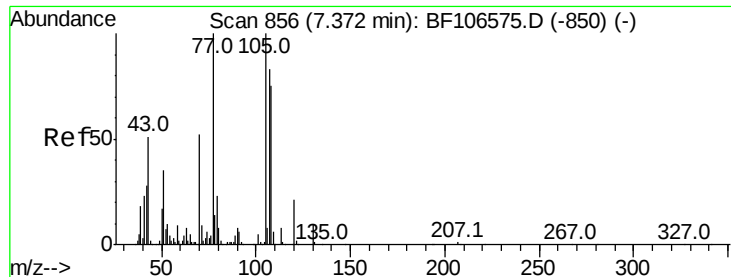
136 100

137 10.5 8.9 13.3

54 8.5 6.6 9.8

68 6.5 5.0 7.4





#22

Acetophenone

Concen: 2.341 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

Instrument :

BNA_F

ClientSampleId :

CS-PAINT-CHIP

Tot Ion:105 Resp: 7105

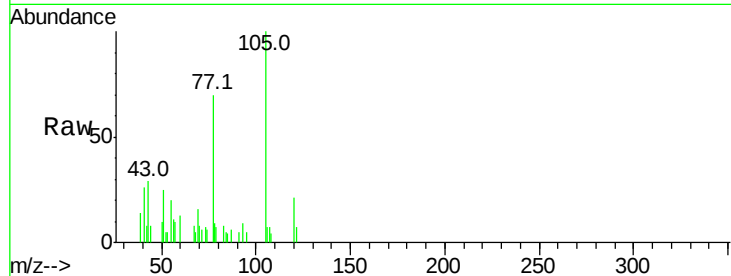
Ion Ratio Lower Upper

105 100

71 6.1 4.4 6.6

51 25.2 22.3 33.5

120 20.8 16.9 25.3

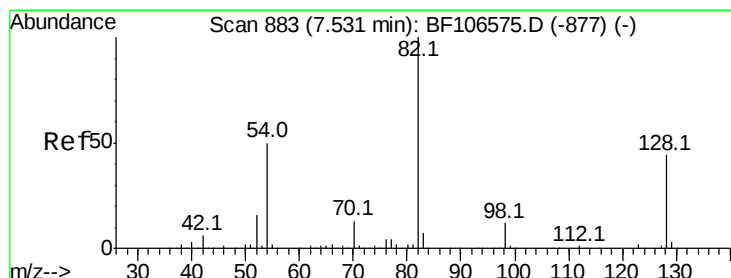
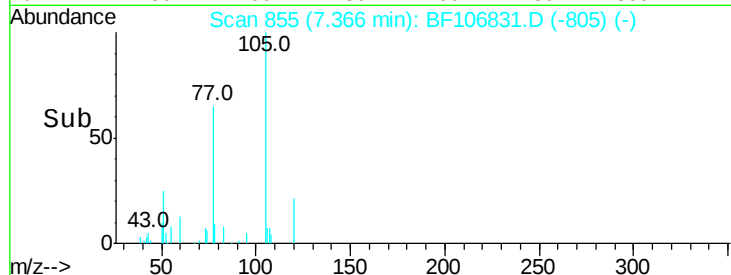
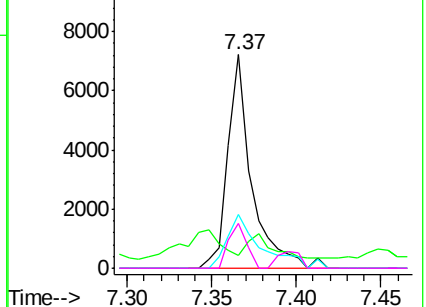


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 12.933 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

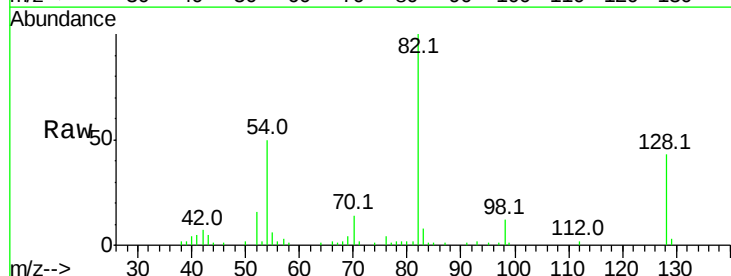
Tgt Ion: 82 Resp: 31573

Ion Ratio Lower Upper

82 100

128 43.5 36.1 54.1

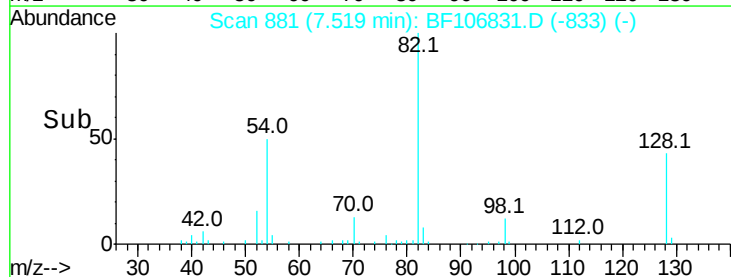
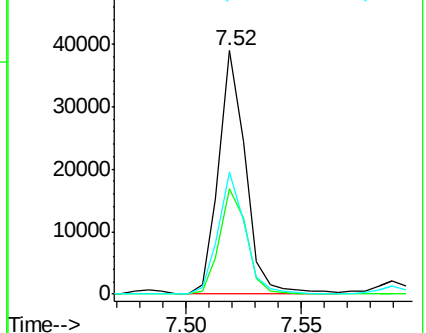
54 50.3 41.4 62.2

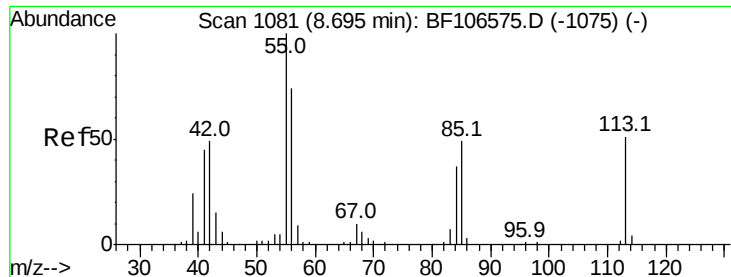


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

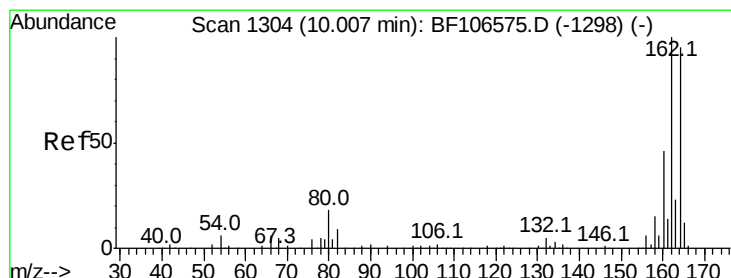
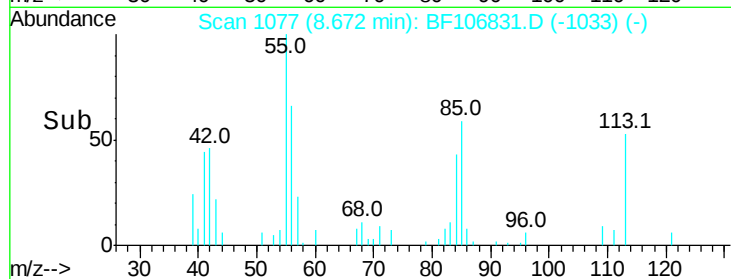
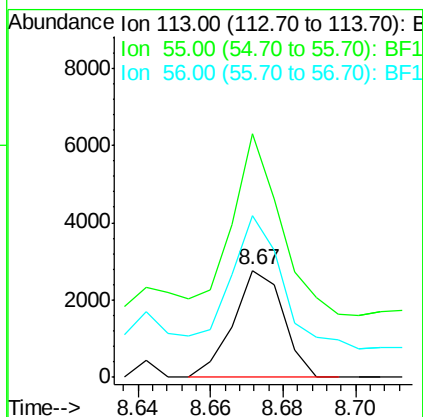
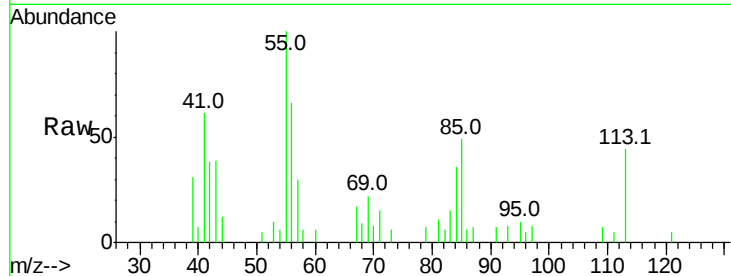




#35
 Caprolactam
 Concen: 4.313 ng
 RT: 8.67 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF106831.D
 Acq: 26 Jun 2018 19:00

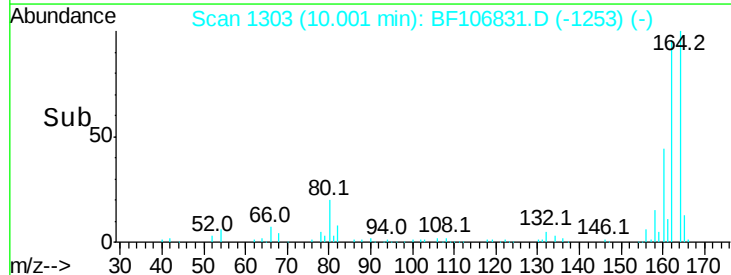
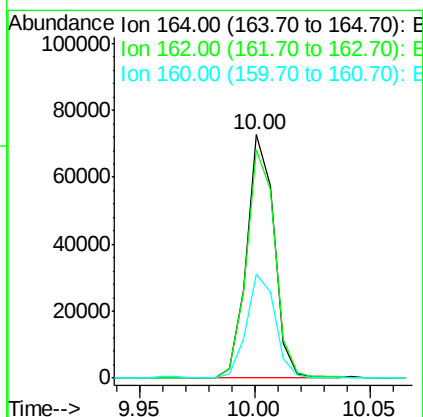
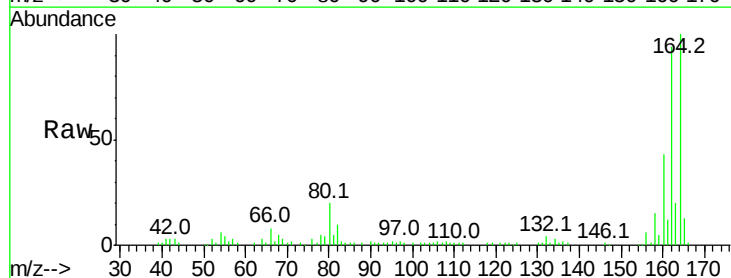
Instrument :
 BNA_F
 ClientSampleId :
 CS-PAINT-CHIP

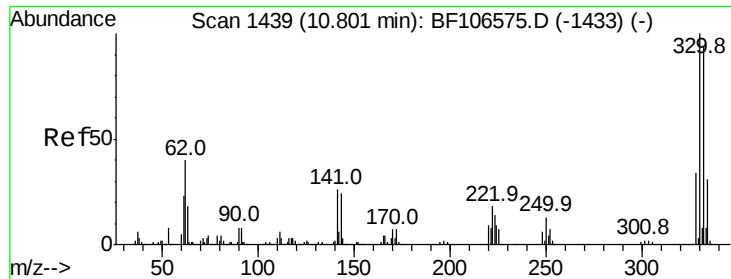
Tot Ion:113 Resp: 2677
 Ion Ratio Lower Upper
 113 100
 55 227.2 163.3 203.3#
 56 150.3 115.7 155.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106831.D
 Acq: 26 Jun 2018 19:00

Tgt Ion:164 Resp: 60800
 Ion Ratio Lower Upper
 164 100
 162 93.7 86.1 129.1
 160 42.7 38.3 57.5

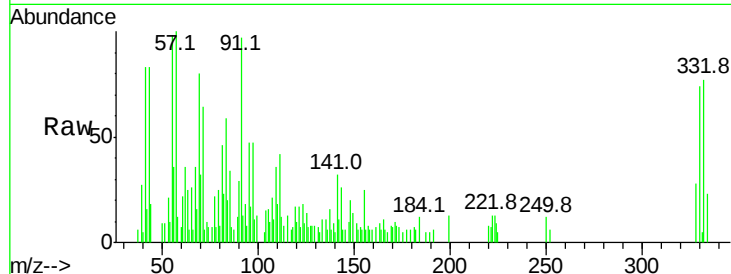




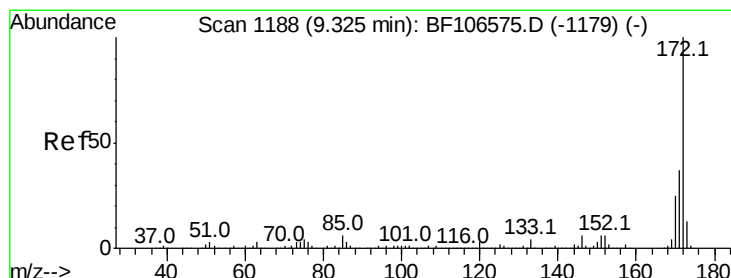
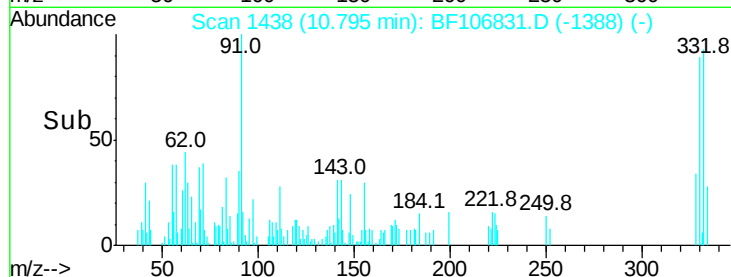
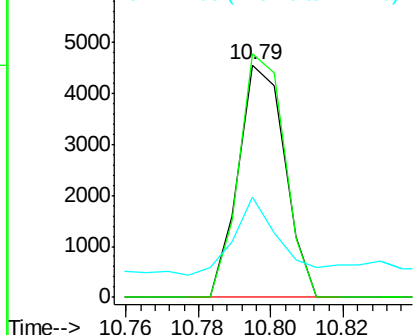
#41
 2,4,6-Tribromophenol
 Concen: 5.749 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106831.D
 Acq: 26 Jun 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 CS-PAINT-CHIP

Tot Ion:330 Resp: 4051
 Ion Ratio Lower Upper
 330 100
 332 103.3 77.0 115.6
 141 31.7 29.9 44.9

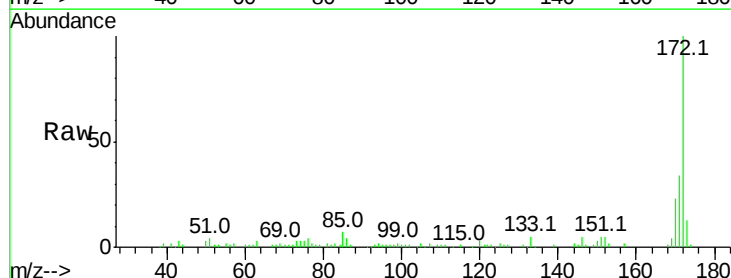


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

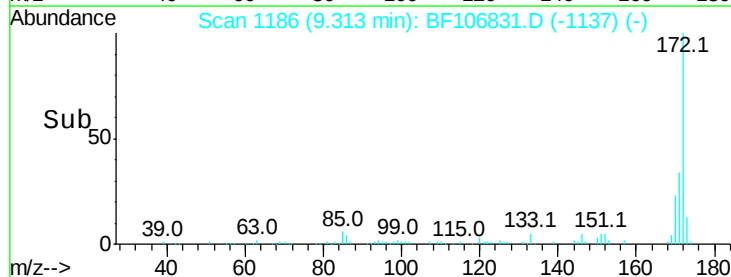
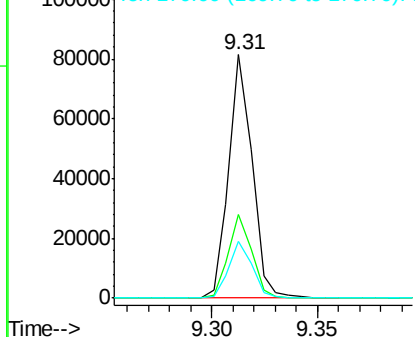


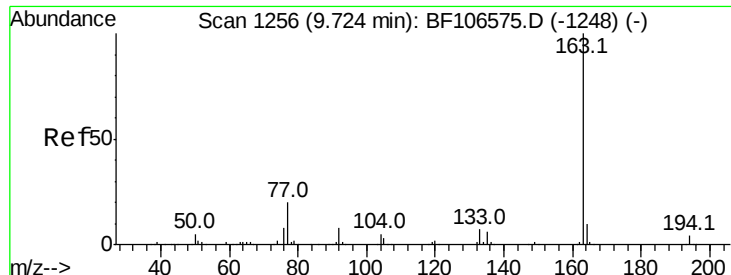
#44
 2-Fluorobiphenyl
 Concen: 3.167 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106831.D
 Acq: 26 Jun 2018 19:00

Tgt Ion:172 Resp: 62388
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.7 44.5
 170 23.3 19.6 29.4



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

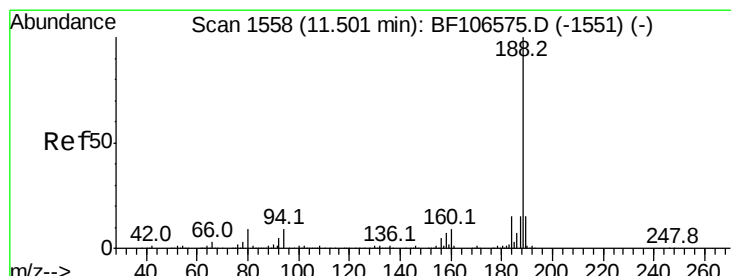
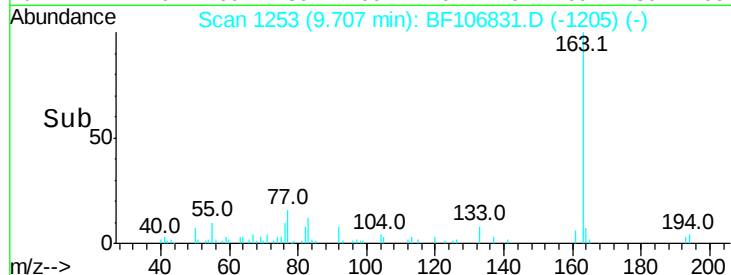
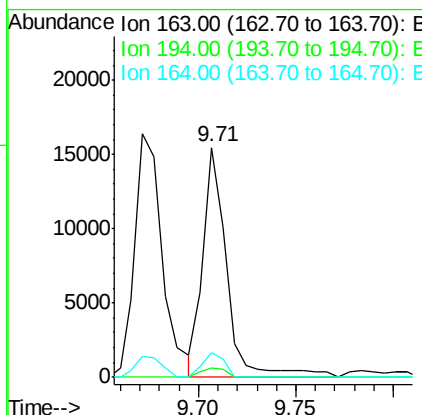
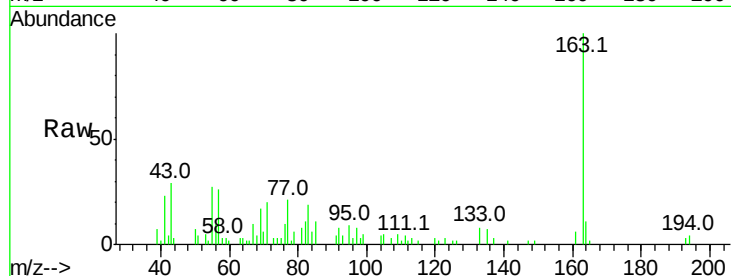




#49
Dimethylphthalate
Concen: 2.900 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106831.D
Acq: 26 Jun 2018 19:00

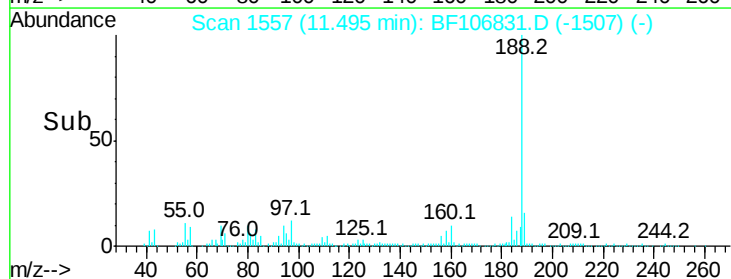
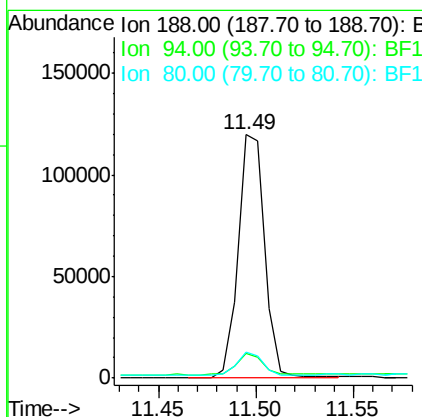
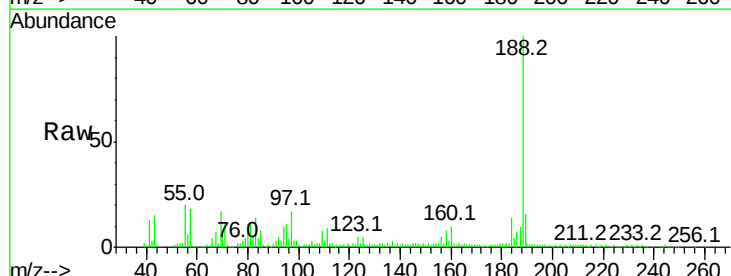
Instrument :
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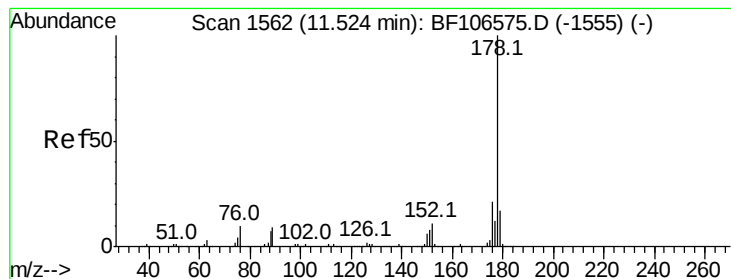
Tot Ion:163 Resp: 13222
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.8 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106831.D
Acq: 26 Jun 2018 19:00

Tgt Ion:188 Resp: 111207
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.6 9.2 13.8





#70

Phenanthrene

Concen: 2.733 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

Instrument :

BNA_F

ClientSampleId :

CS-PAINT-CHIP

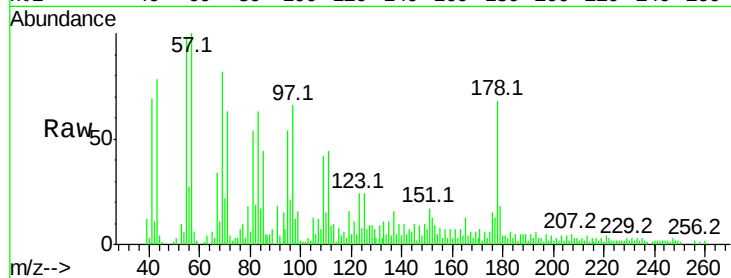
Tot Ion:178 Resp: 14657

Ion Ratio Lower Upper

178 100

176 21.7 15.8 23.8

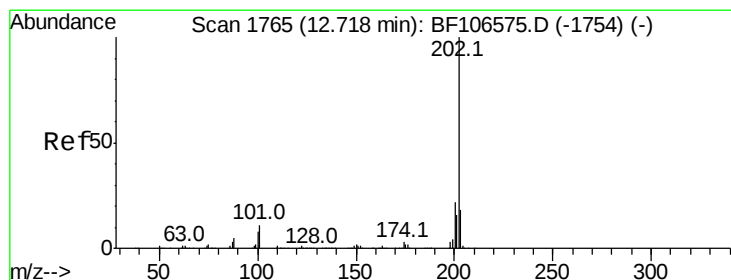
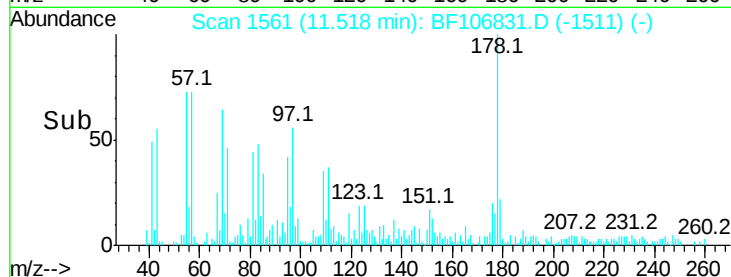
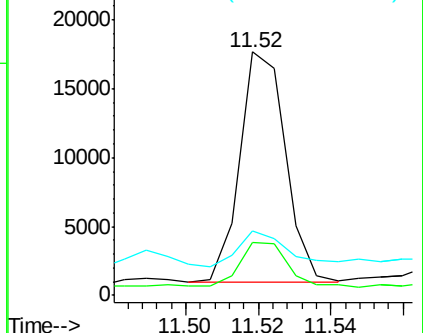
179 26.2 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.374 ng

RT: 12.74 min Scan# 1769

Delta R.T. 0.02 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

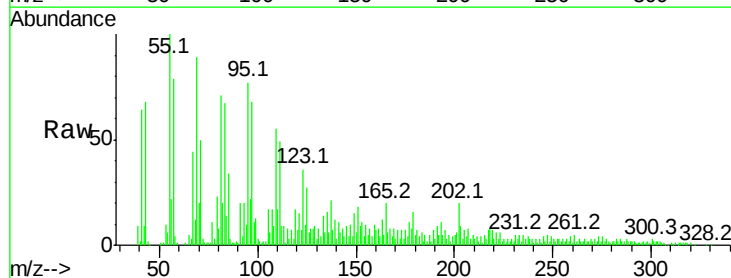
Tgt Ion:202 Resp: 14037

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

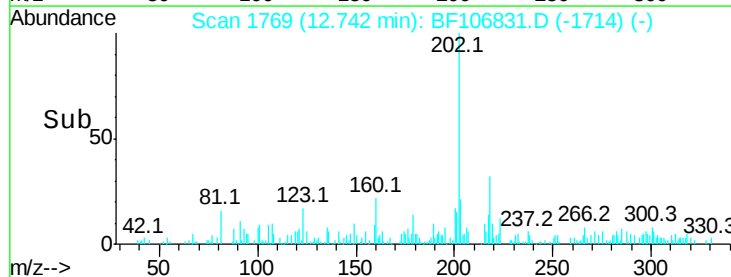
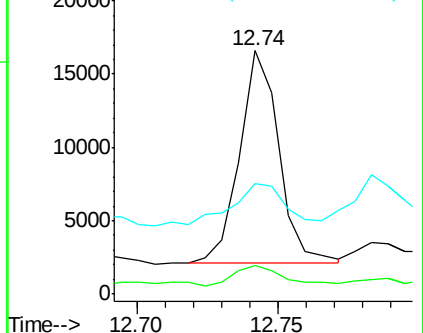
203 45.6 0.0 38.1#

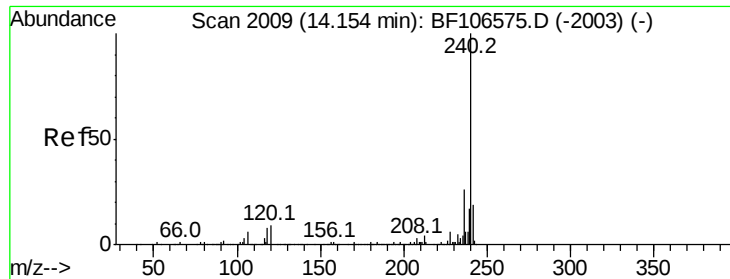


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. 0.05 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

Instrument :

BNA_F

ClientSampleId :

CS-PAINT-CHIP

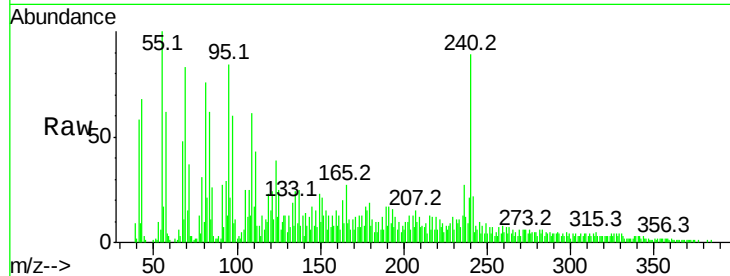
Tot Ion:240 Resp: 49256

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

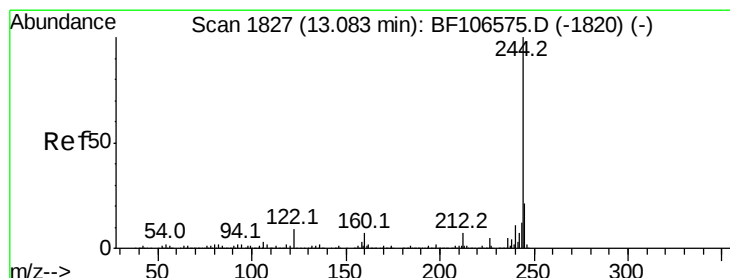
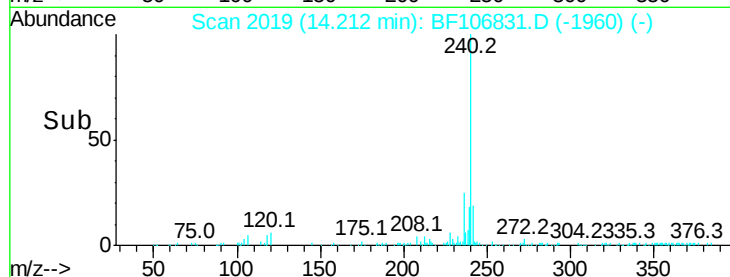
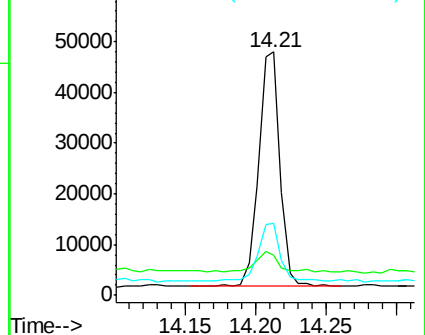
236 29.9 20.7 31.1



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

Terphenyl-d14

Concen: 10.827 ng

RT: 13.12 min Scan# 1833

Delta R.T. 0.04 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

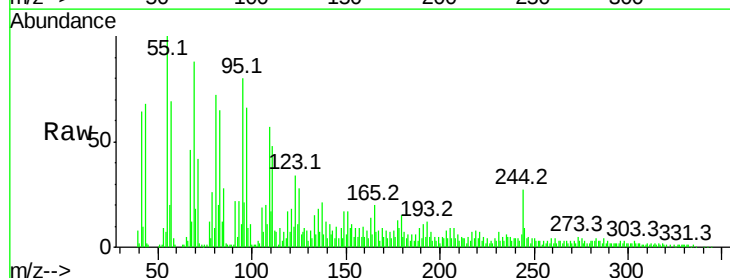
Tgt Ion:244 Resp: 22017

Ion Ratio Lower Upper

244 100

212 14.0 5.4 8.0#

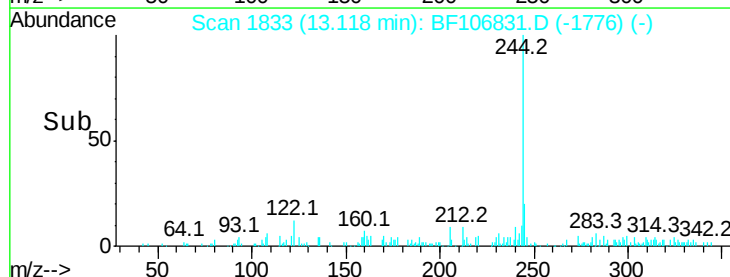
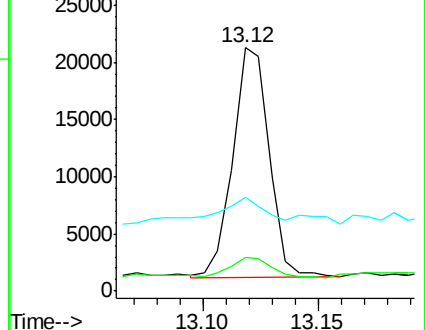
122 38.6 11.0 16.4#

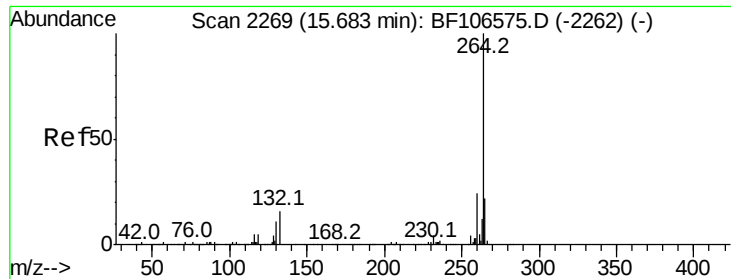


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

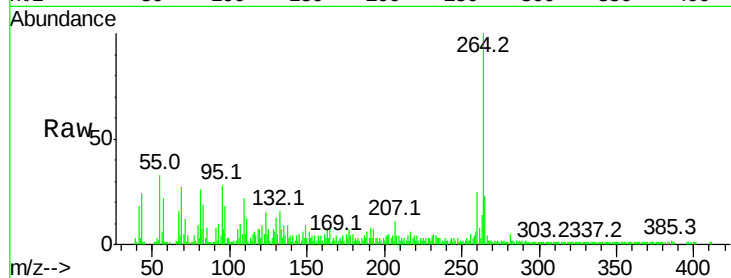




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF106831.D
Acq: 26 Jun 2018 19:00

Instrument :
BNA_F
ClientSampleId :
CS-PAINT-CHIP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.8	17.5	26.3



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

