

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 01:10:08 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

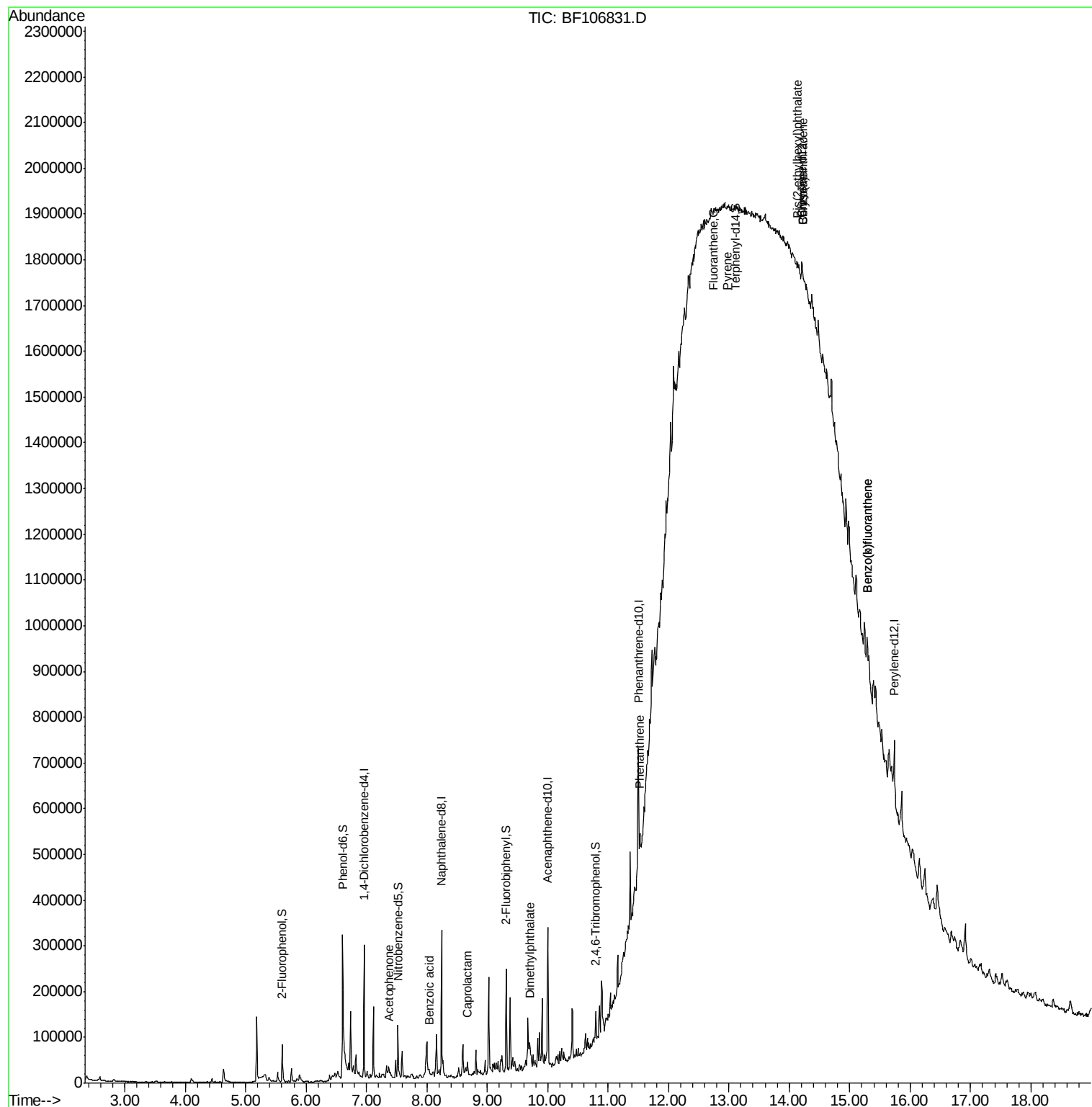
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) 3+4-Methylphenols	7.38	107	2098	Below Cal		# 66
22) Acetophenone	7.37	105	7105	2.341	ng	# 97
32) Benzoic acid	8.04	122	350	5.964	ng	# 3
35) Caprolactam	8.67	113	2677	4.313	ng	# 77
49) Dimethylphthalate	9.71	163	13222	2.900	ng	# 99
70) Phenanthrene	11.52	178	14657	2.733	ng	# 87
74) Fluoranthene	12.74	202	14037	2.374	ng	# 62
77) Pyrene	12.98	202	8643	2.661	ng	# 31
80) Benzo(a)anthracene	14.22	228	15440	5.143	ng	# 34
82) Chrysene	14.22	228	15644	5.664	ng	# 41
83) Bis(2-ethylhexyl)phthalate	14.14	149	9020	5.283	ng	# 73
87) Benzo(b)fluoranthene	15.28	252	14648	3.506	ng	# 16
88) Benzo(k)fluoranthene	15.28	252	14648	3.682	ng	# 19

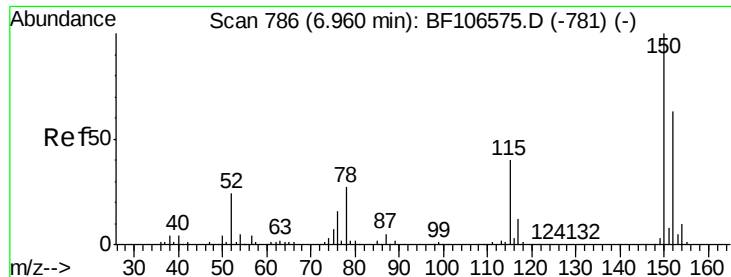
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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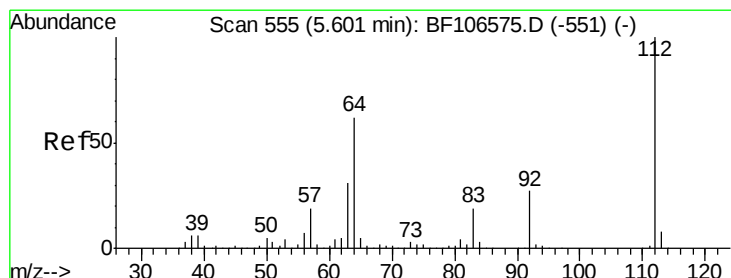
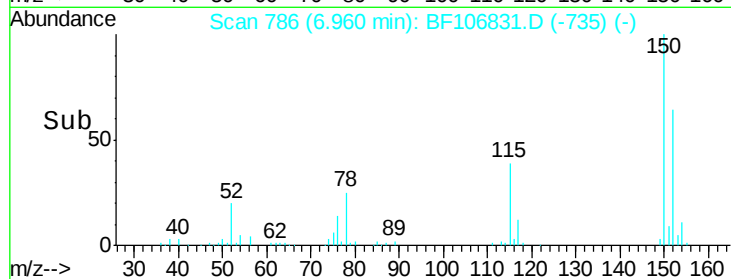
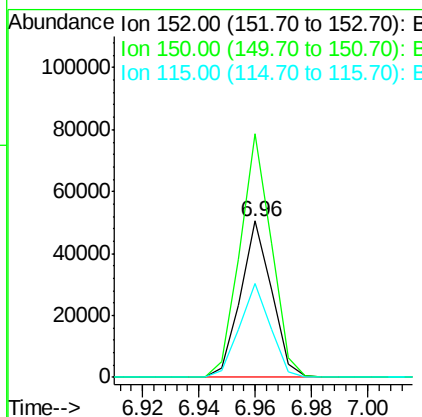
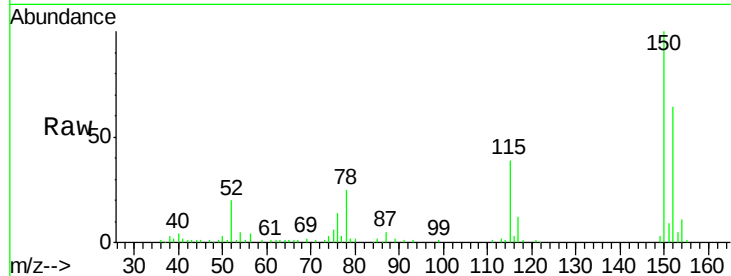


#1

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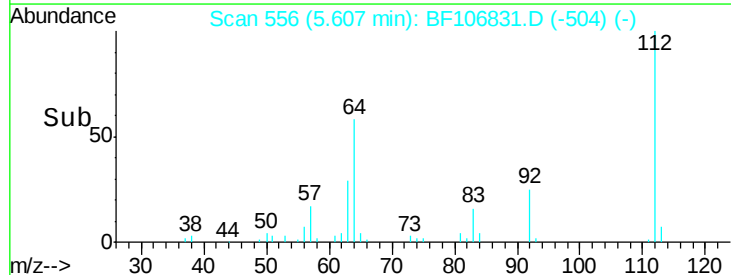
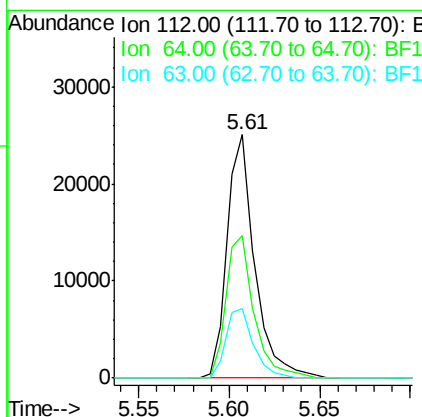
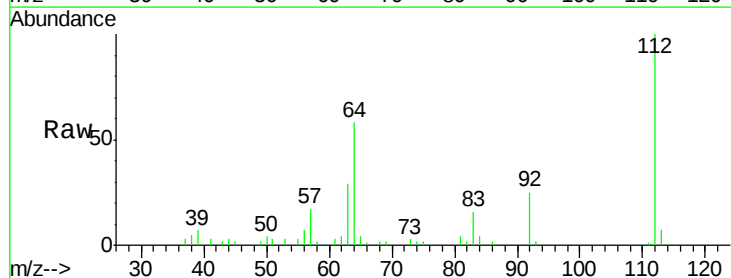
Tgt Ion:152 Resp: 38772
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.1 50.1 75.1

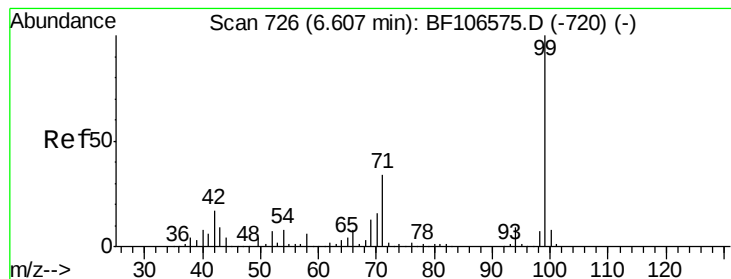


#5

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





#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

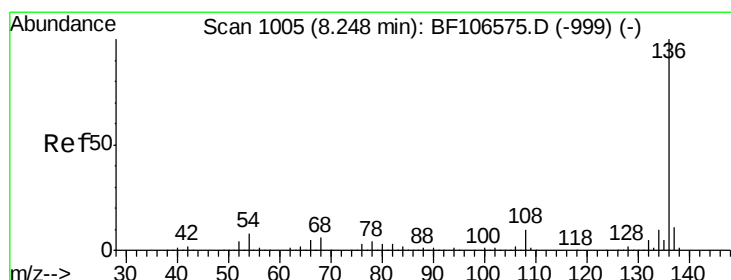
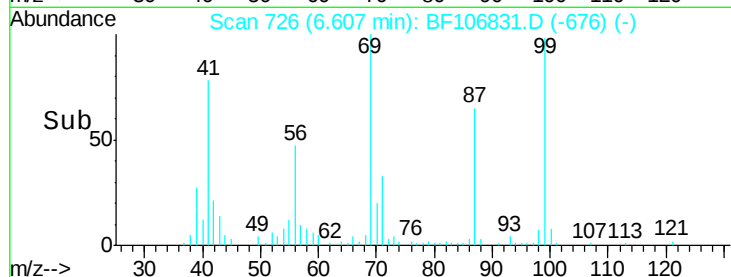
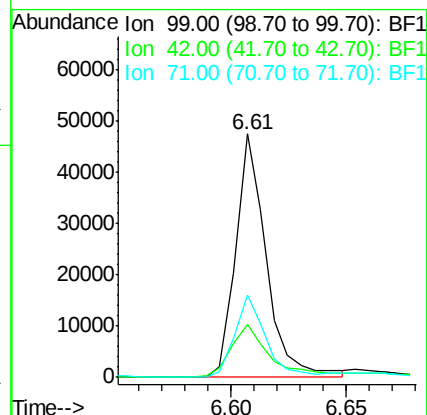
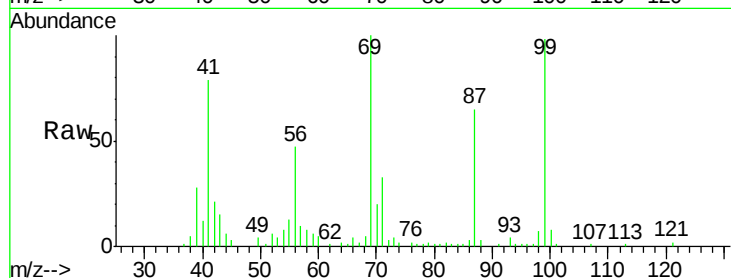
Tgt Ion: 99 Resp: 43852

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

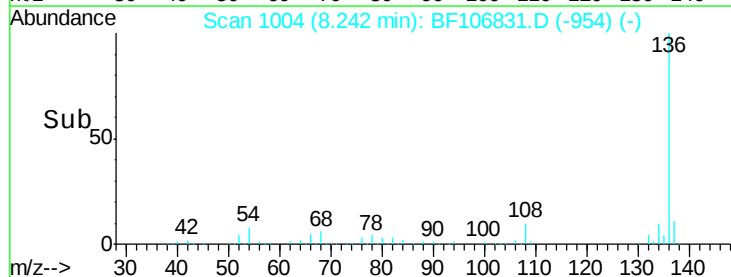
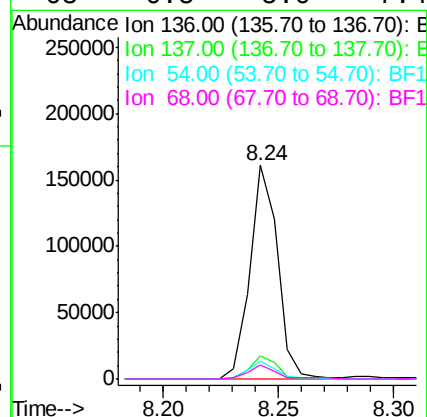
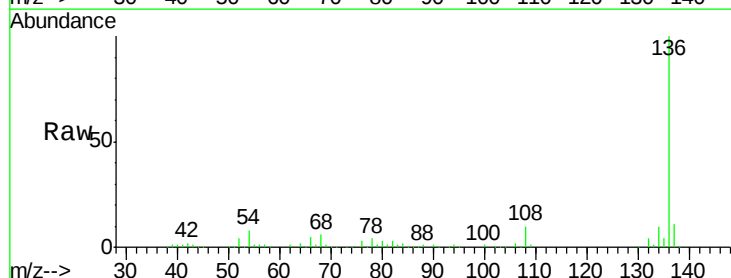
Ion Ratio Lower Upper

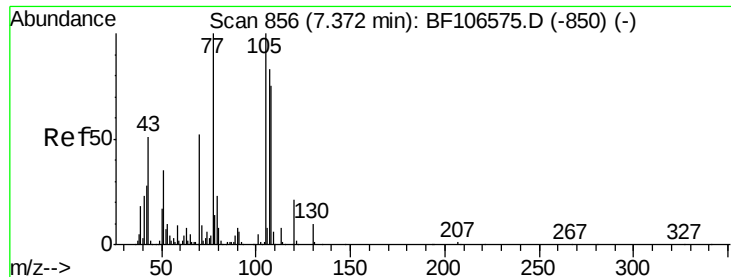
136 100

137 10.5 8.9 13.3

54 8.5 6.6 9.8

68 6.5 5.0 7.4

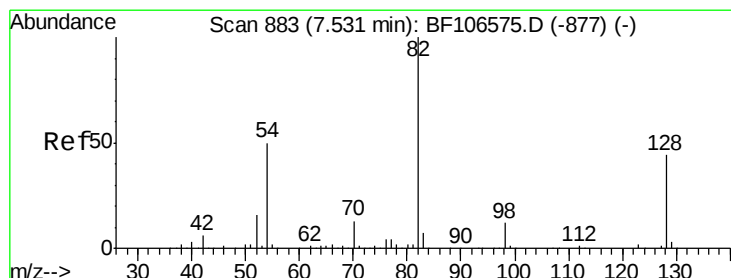
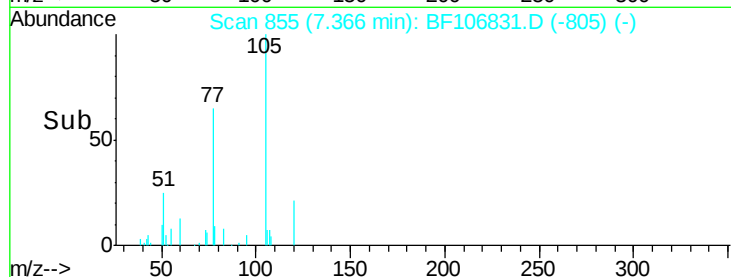
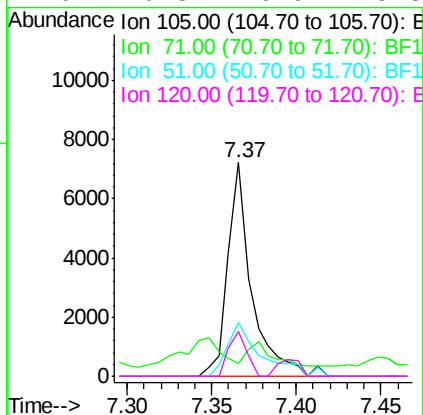
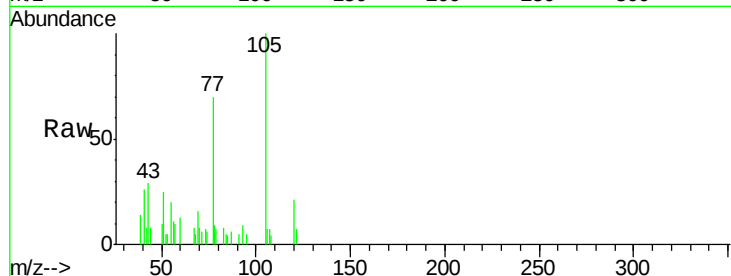




#22
Acetophenone
Concen: 2.341 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106831.D
Acq: 26 Jun 2018 19:00

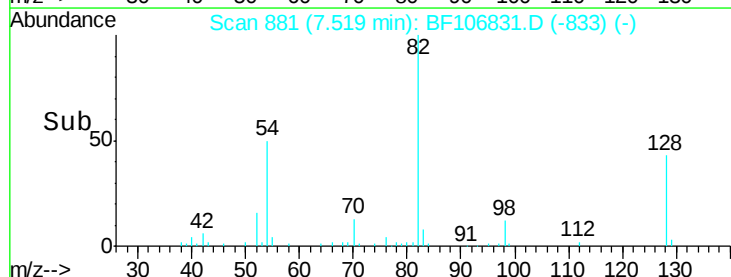
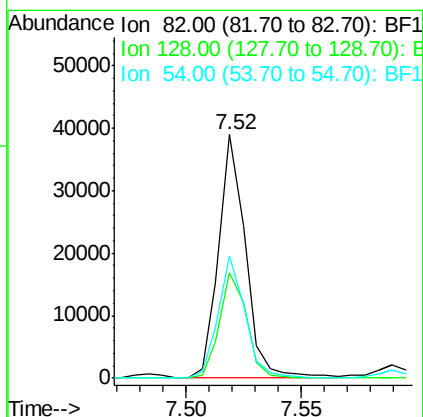
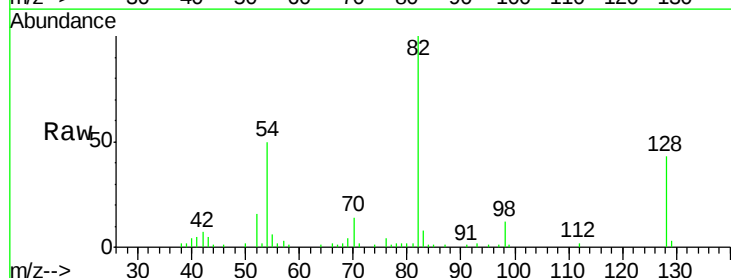
Instrument :
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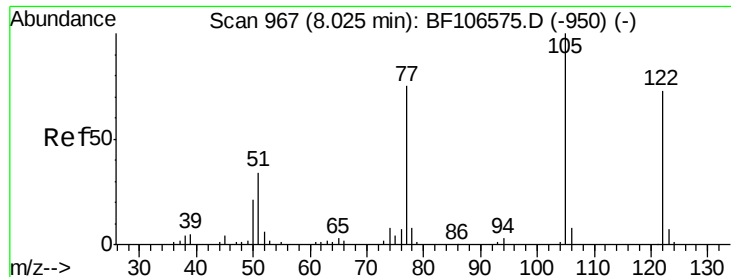
Tgt Ion:	105	Resp:	7105
Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.4	6.6
51	25.2	22.3	33.5
120	20.8	16.9	25.3



#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

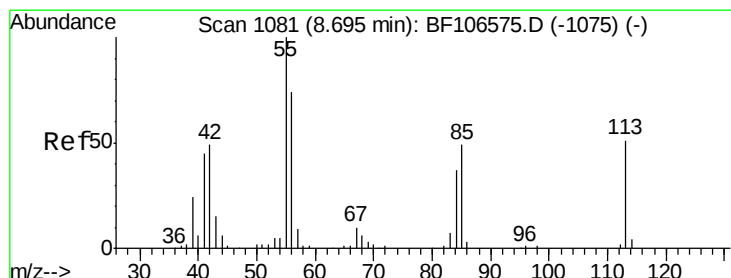
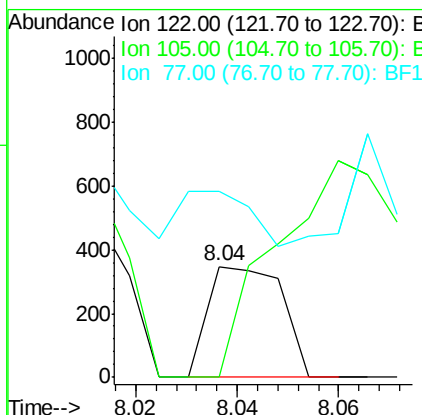
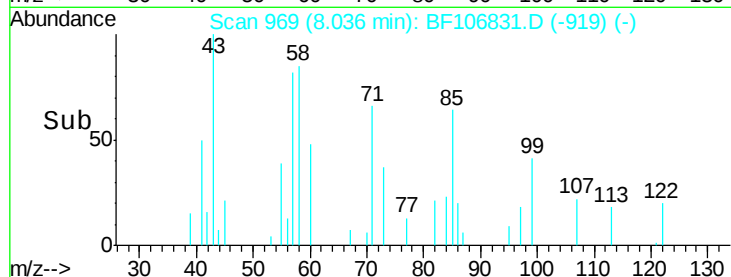
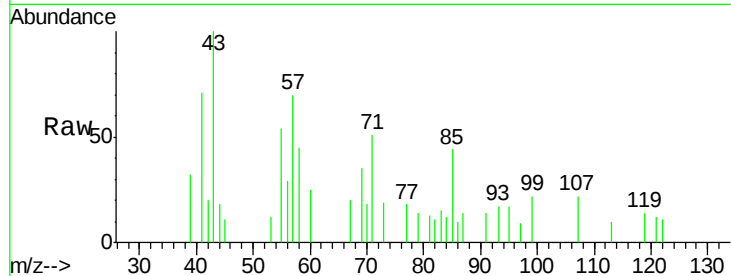




#32
Benzoic acid
Concen: 5.964 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF106831.D
Acq: 26 Jun 2018 19:00

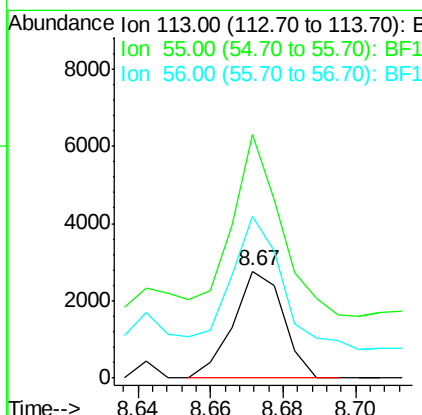
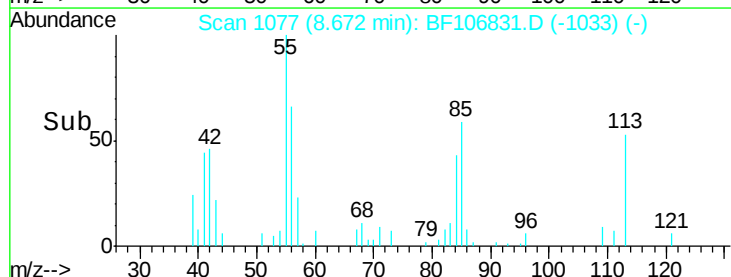
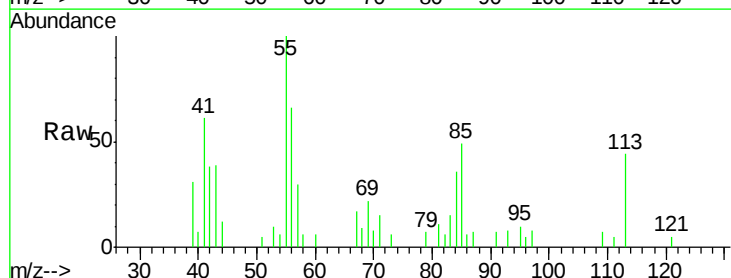
Instrument :
BNA_F
ClientSampleId :
CS-PAINT-CHIP

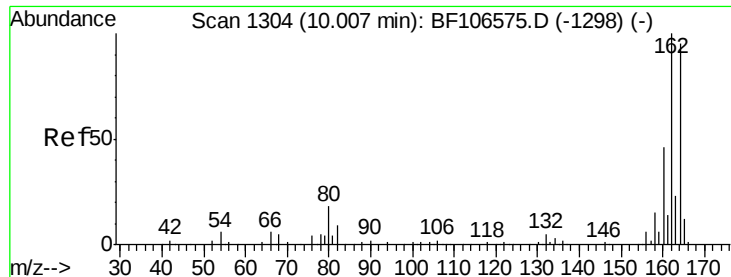
Tgt Ion:122 Resp: 350
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 167.2 70.7 110.7#



#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

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

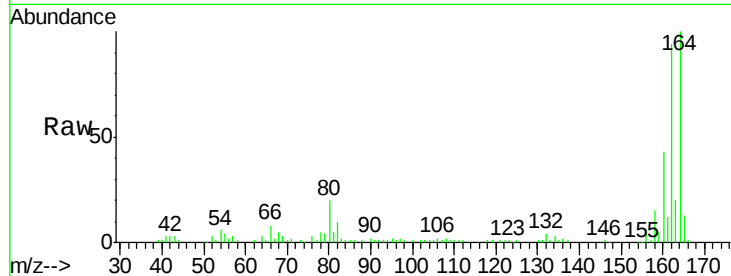




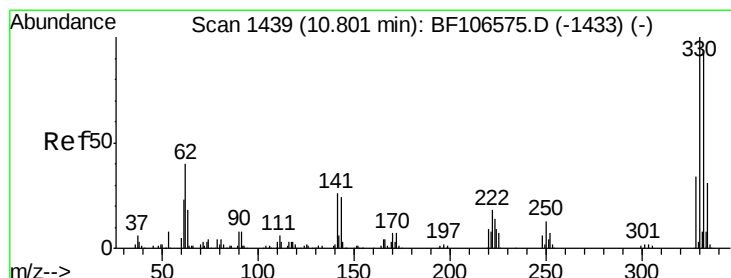
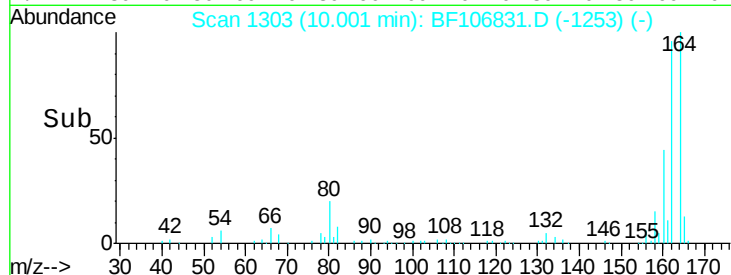
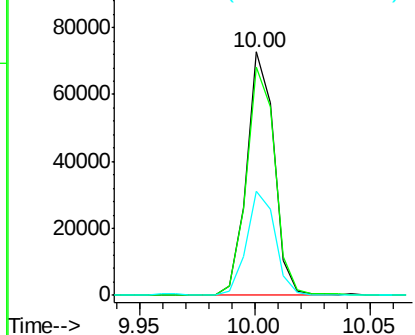
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106831.D
 Acq: 26 Jun 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 CS-PAINT-CHIP

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

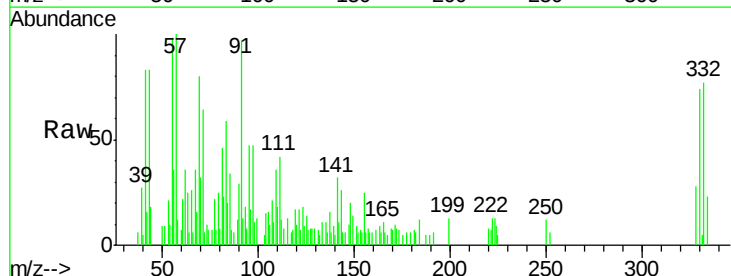


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

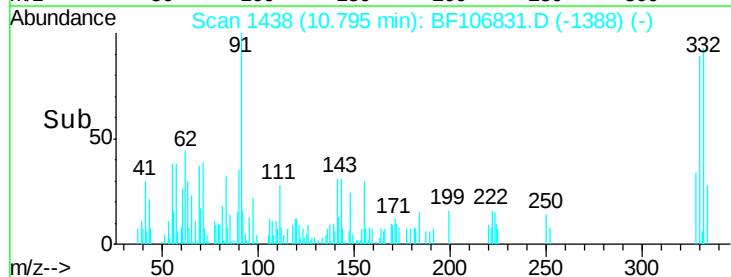
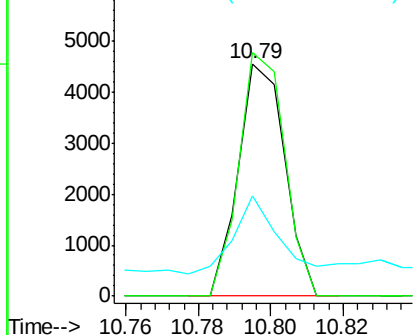


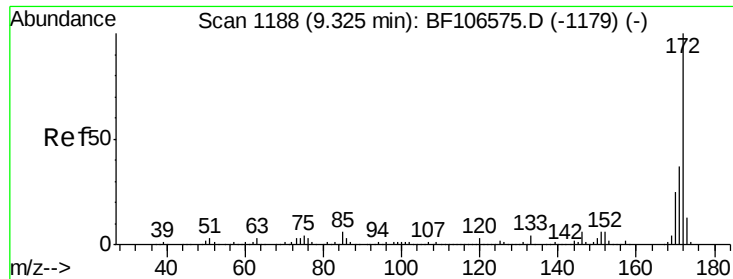
#41
 2,4,6-Tribromophenol
 Concen: 5.749 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106831.D
 Acq: 26 Jun 2018 19:00

Tgt 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

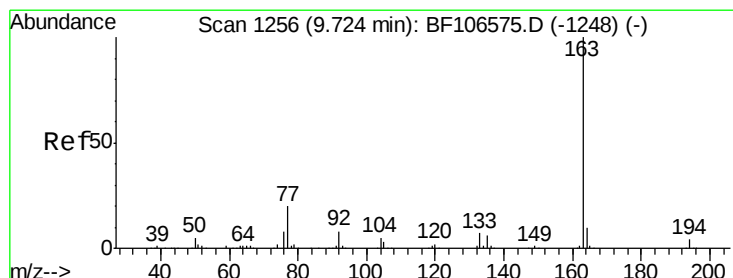
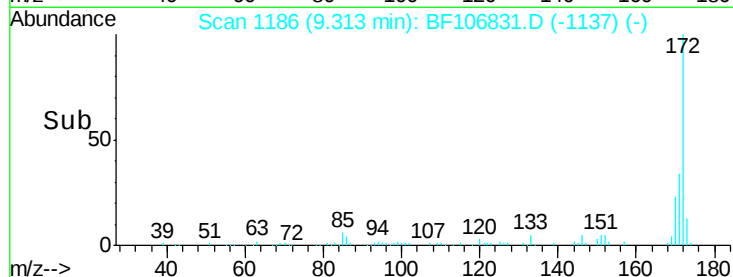
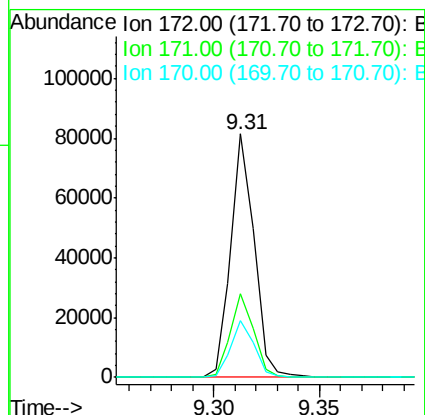
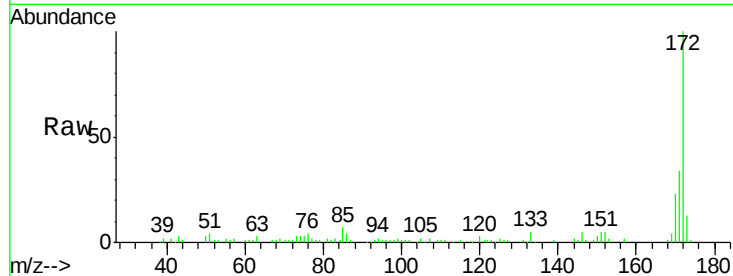




#44
2-Fluorobiphenyl
Concen: 3.167 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106831.D
Acq: 26 Jun 2018 19:00

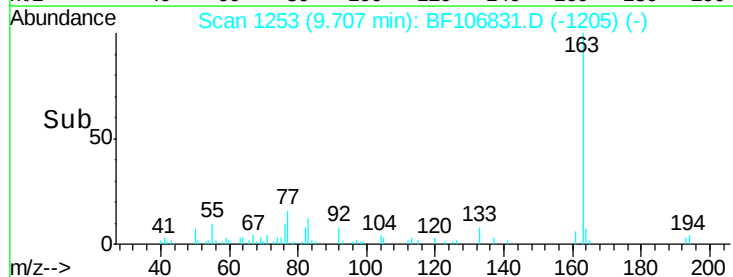
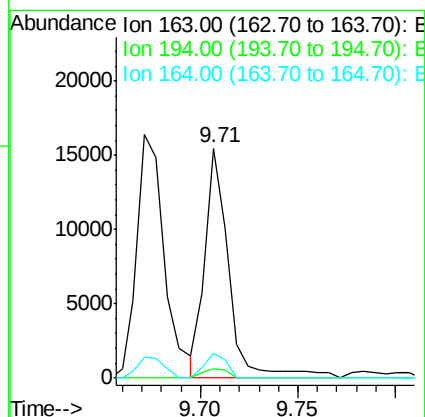
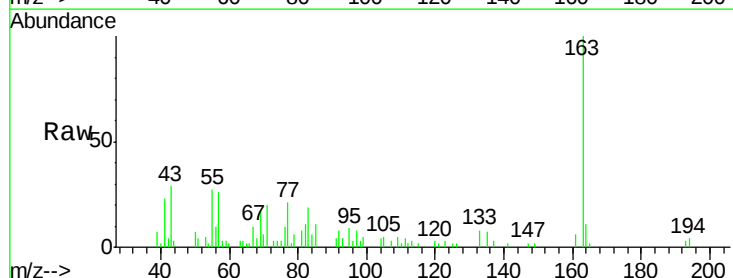
Instrument :
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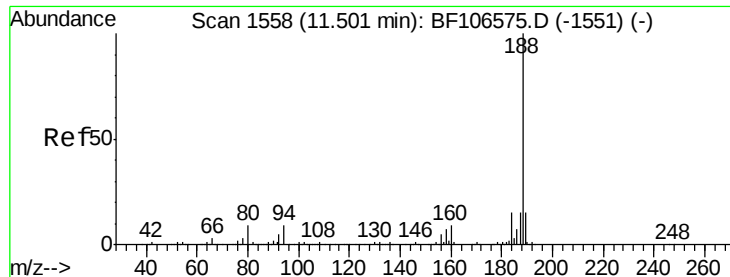
Tgt Ion:172 Resp: 62388
Ion Ratio Lower Upper
172 100
171 34.1 29.7 44.5
170 23.3 19.6 29.4



#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

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

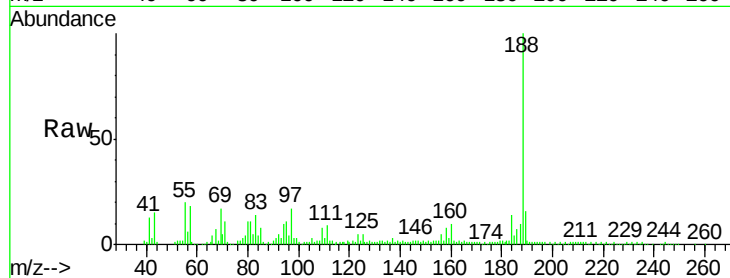




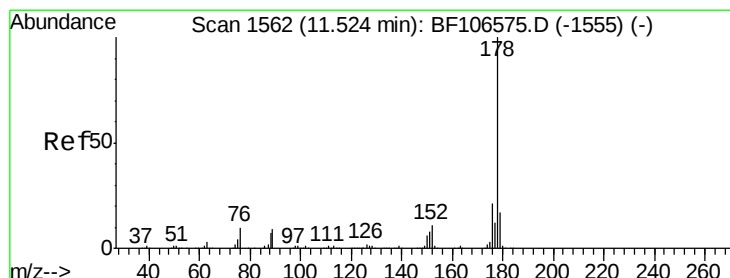
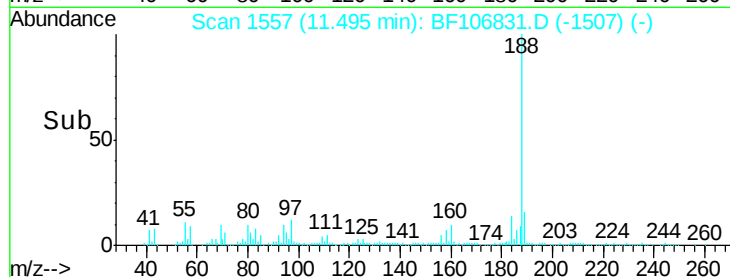
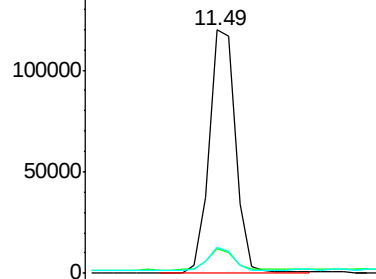
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106831.D
Acq: 26 Jun 2018 19:00

Instrument :
BNA_F
ClientSampleId :
CS-PAINT-CHIP

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

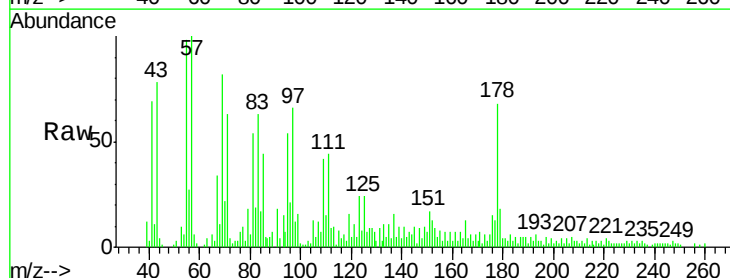


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

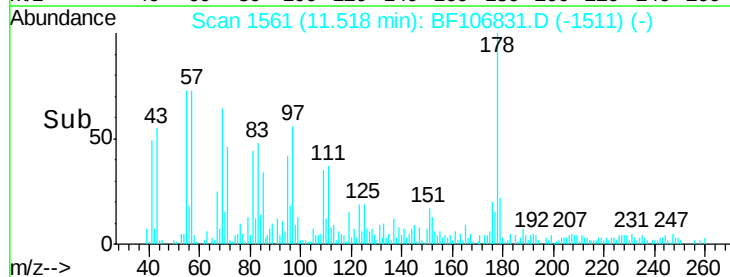
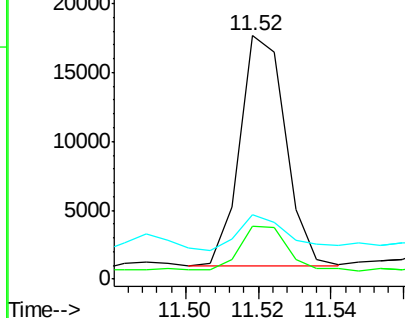


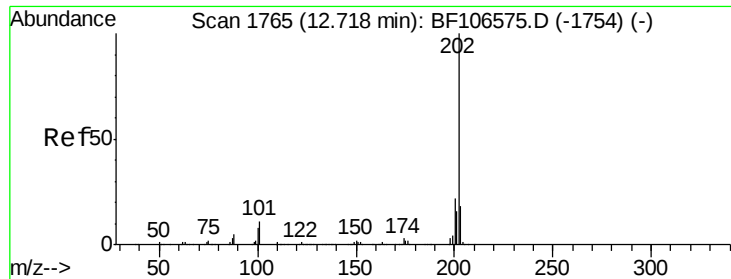
#70
Phenanthrene
Concen: 2.733 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106831.D
Acq: 26 Jun 2018 19:00

Tgt 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

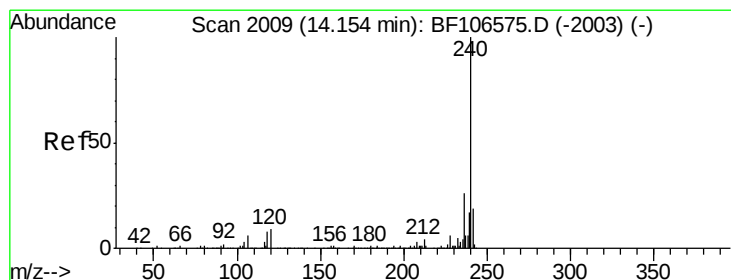
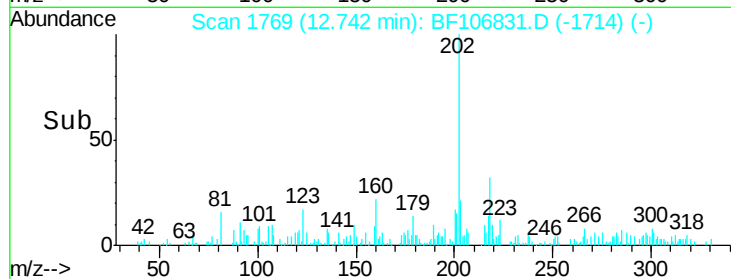
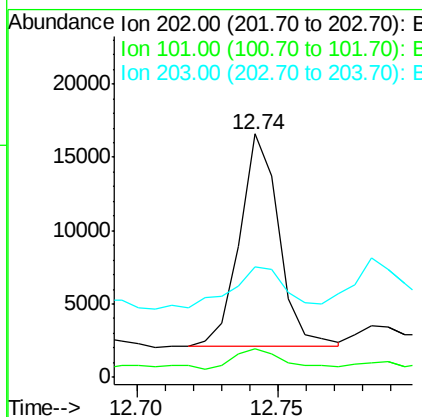
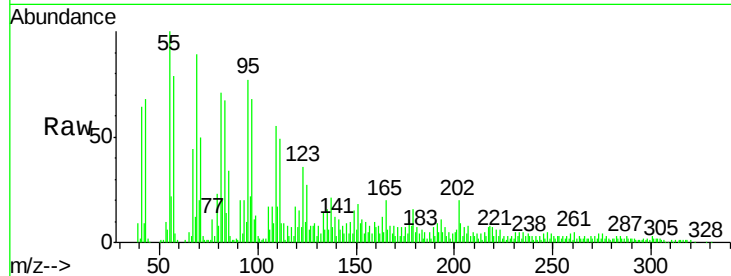




#74
Fluoranthene
Concen: 2.374 ng
RT: 12.74 min Scan# 1769
Delta R.T. 0.02 min
Lab File: BF106831.D
Acq: 26 Jun 2018 19:00

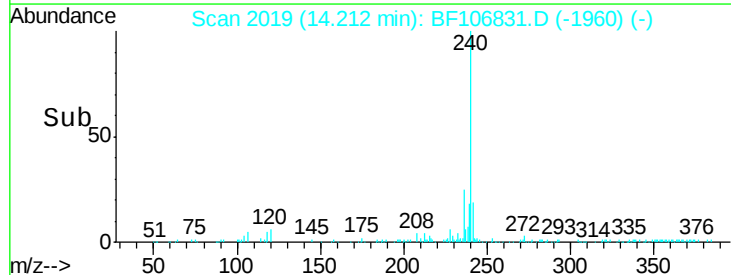
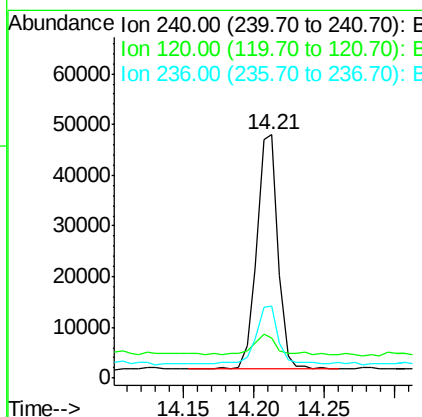
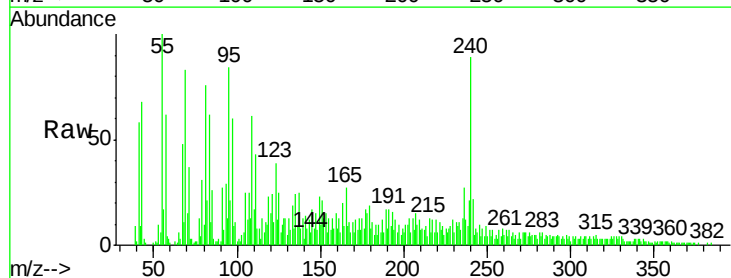
Instrument :
BNA_F
ClientSampleId :
CS-PAINT-CHIP

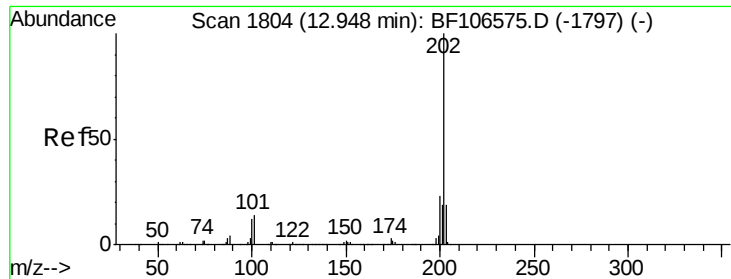
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	45.6	0.0	38.1#



#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

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3#
236	29.9	20.7	31.1





#77

Pyrene

Concen: 2.661 ng

RT: 12.98 min Scan# 1810

Delta R.T. 0.04 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

Instrument :

BNA_F

ClientSampleId :

CS-PAINT-CHIP

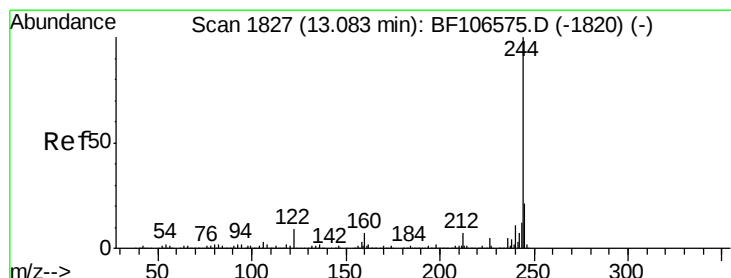
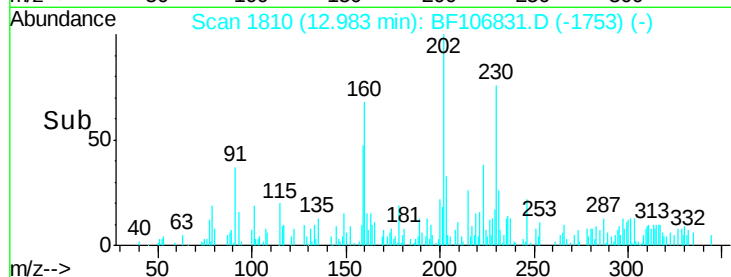
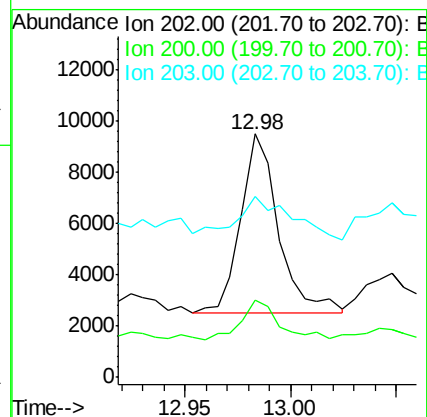
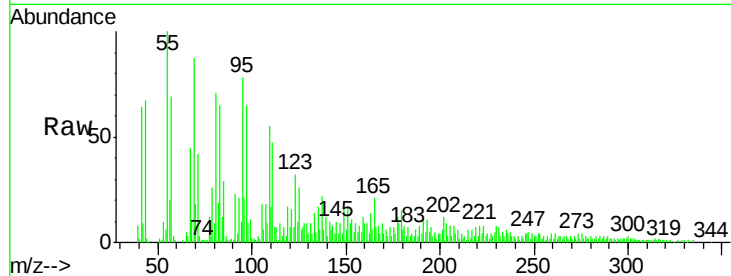
Tgt Ion:202 Resp: 8643

Ion Ratio Lower Upper

202 100

200 31.8 17.4 26.2#

203 74.3 14.3 21.5#



#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

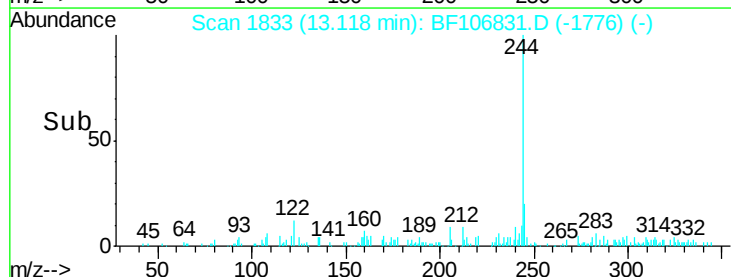
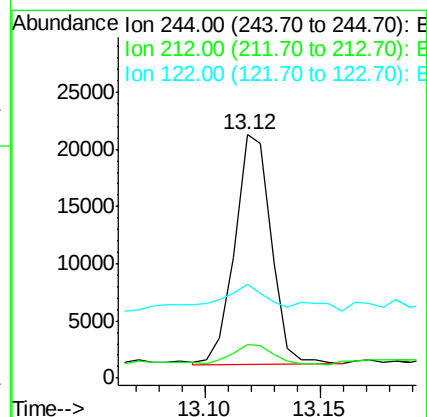
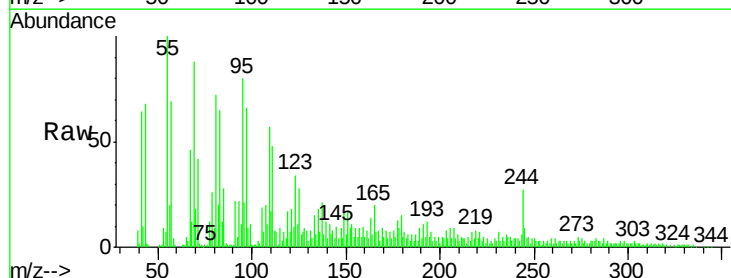
Tgt Ion:244 Resp: 22017

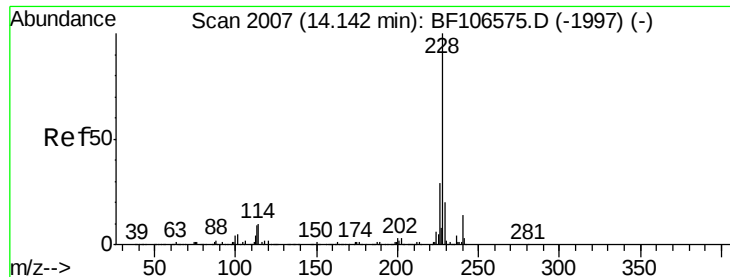
Ion Ratio Lower Upper

244 100

212 14.0 5.4 8.0#

122 38.6 11.0 16.4#





#80

Benzo(a)anthracene

Concen: 5.143 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.07 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

Instrument :

BNA_F

ClientSampleId :

CS-PAINT-CHIP

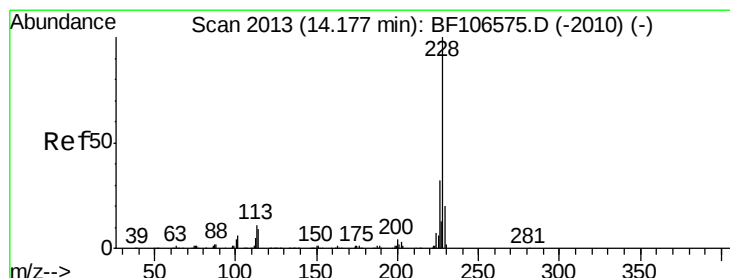
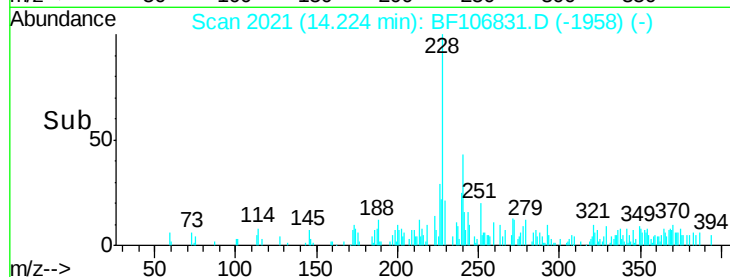
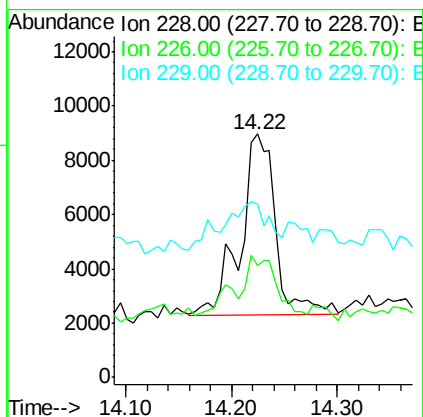
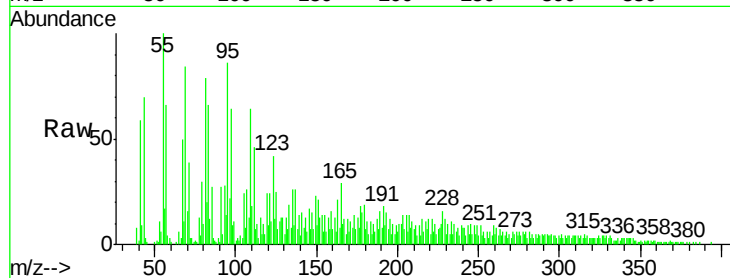
Tgt Ion:228 Resp: 15440

Ion Ratio Lower Upper

228 100

226 46.0 22.6 33.8#

229 71.2 15.8 23.6#



#82

Chrysene

Concen: 5.664 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.03 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

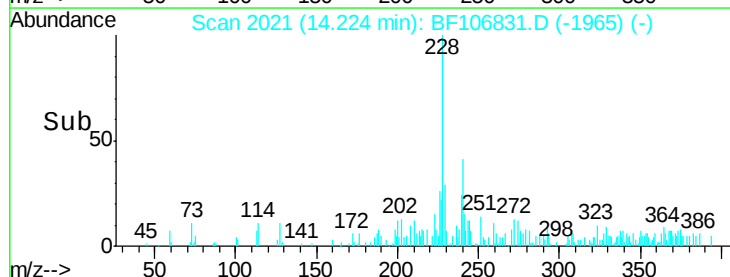
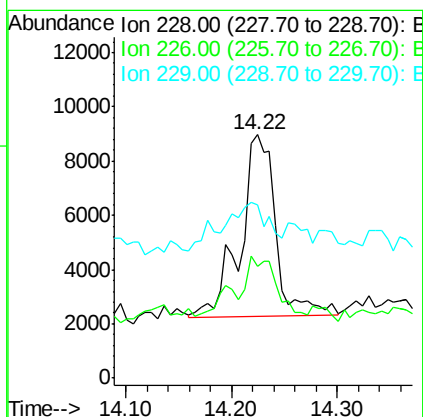
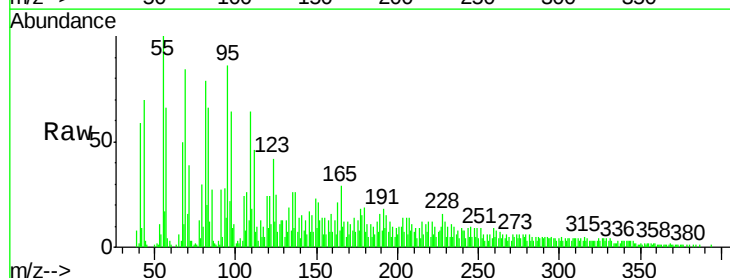
Tgt Ion:228 Resp: 15644

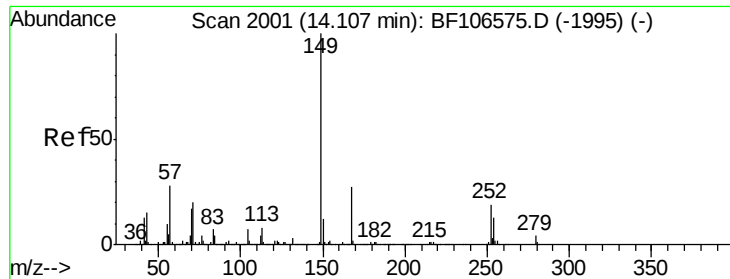
Ion Ratio Lower Upper

228 100

226 46.0 25.0 37.6#

229 71.2 16.2 24.4#

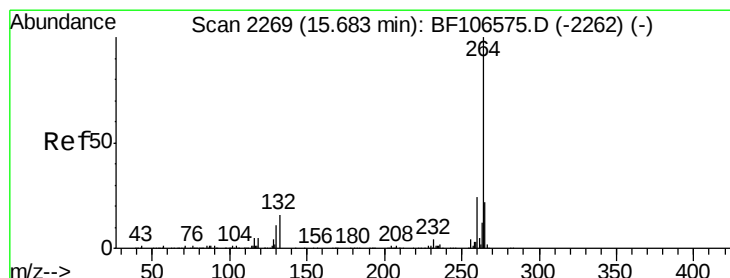
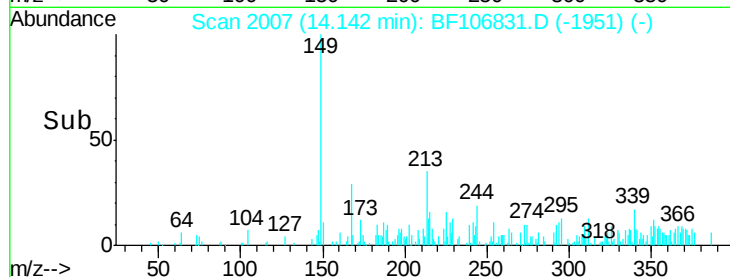
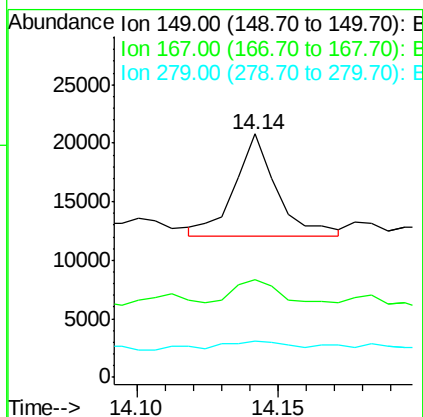
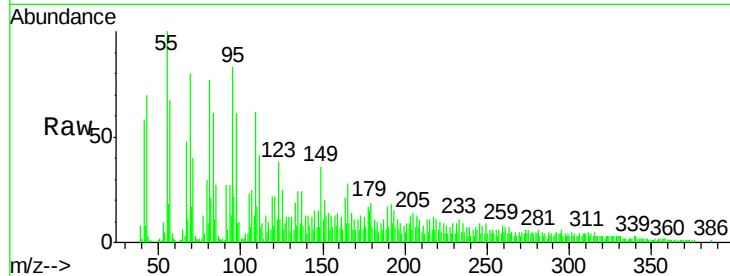




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.283 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. 0.03 min
 Lab File: BF106831.D
 Acq: 26 Jun 2018 19:00

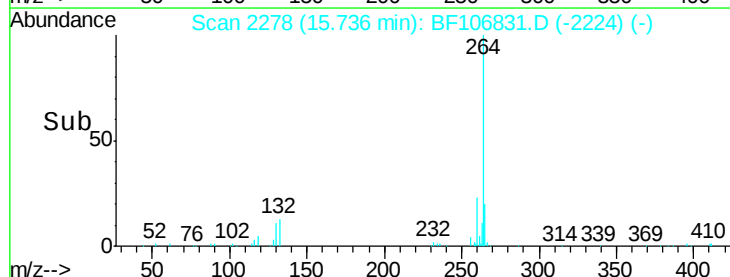
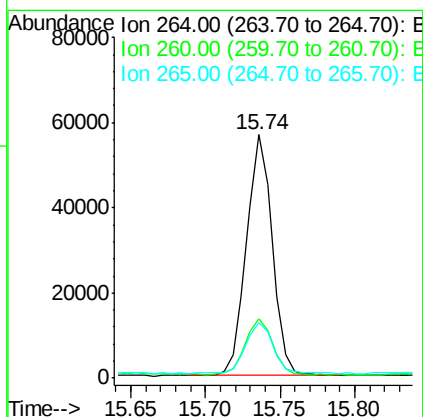
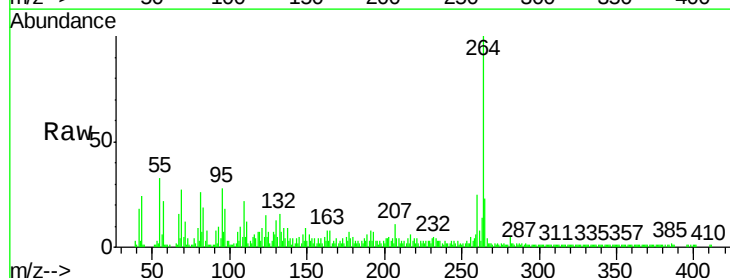
Instrument :
 BNA_F
 ClientSampleId :
 CS-PAINT-CHIP

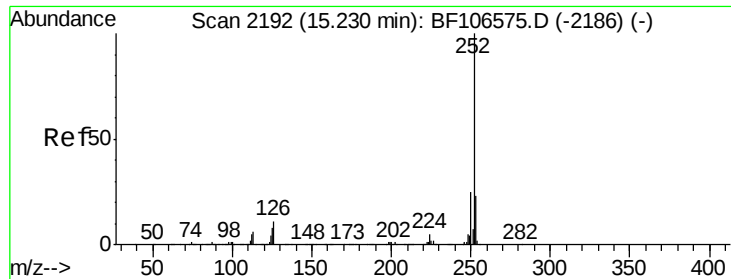
Tgt Ion:149 Resp: 9020
 Ion Ratio Lower Upper
 149 100
 167 40.1 21.3 31.9#
 279 14.6 3.0 4.4#



#86
 Perylene-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

Tgt Ion:264 Resp: 67255
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 22.8 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 3.506 ng

RT: 15.28 min Scan# 2201

Delta R.T. 0.02 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

Instrument :

BNA_F

ClientSampleId :

CS-PAINT-CHIP

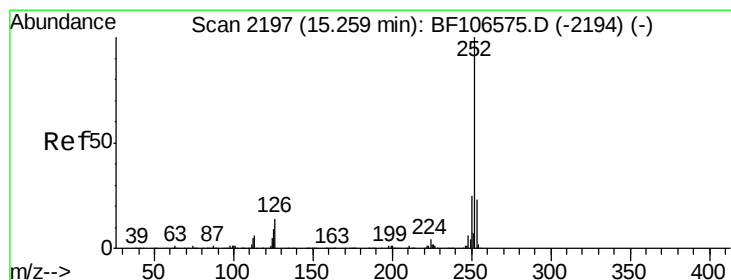
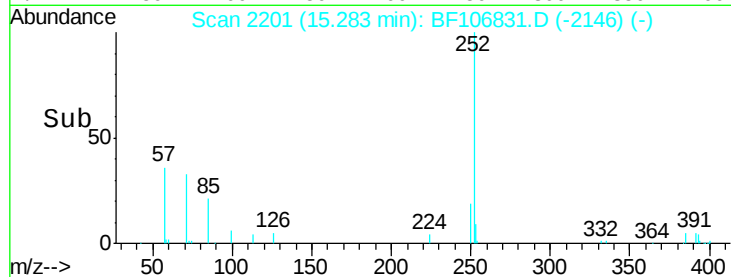
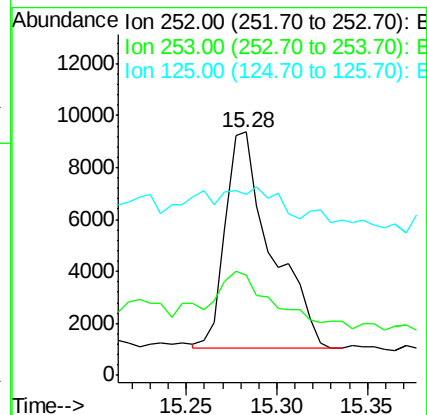
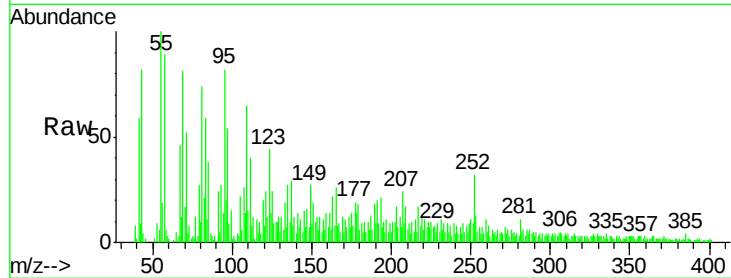
Tgt Ion:252 Resp: 14648

Ion Ratio Lower Upper

252 100

253 41.1 17.0 25.6#

125 74.1 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 3.682 ng

RT: 15.28 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF106831.D

Acq: 26 Jun 2018 19:00

Tgt Ion:252 Resp: 14648

Ion Ratio Lower Upper

252 100

253 41.1 17.9 26.9#

125 74.1 10.2 15.2#

