

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106830.D
 Acq On : 26 Jun 2018 18:34
 Operator : JU/SJ
 Sample : J3667-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-PAINT-CHIP

Quant Time: Jun 27 01:09:53 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

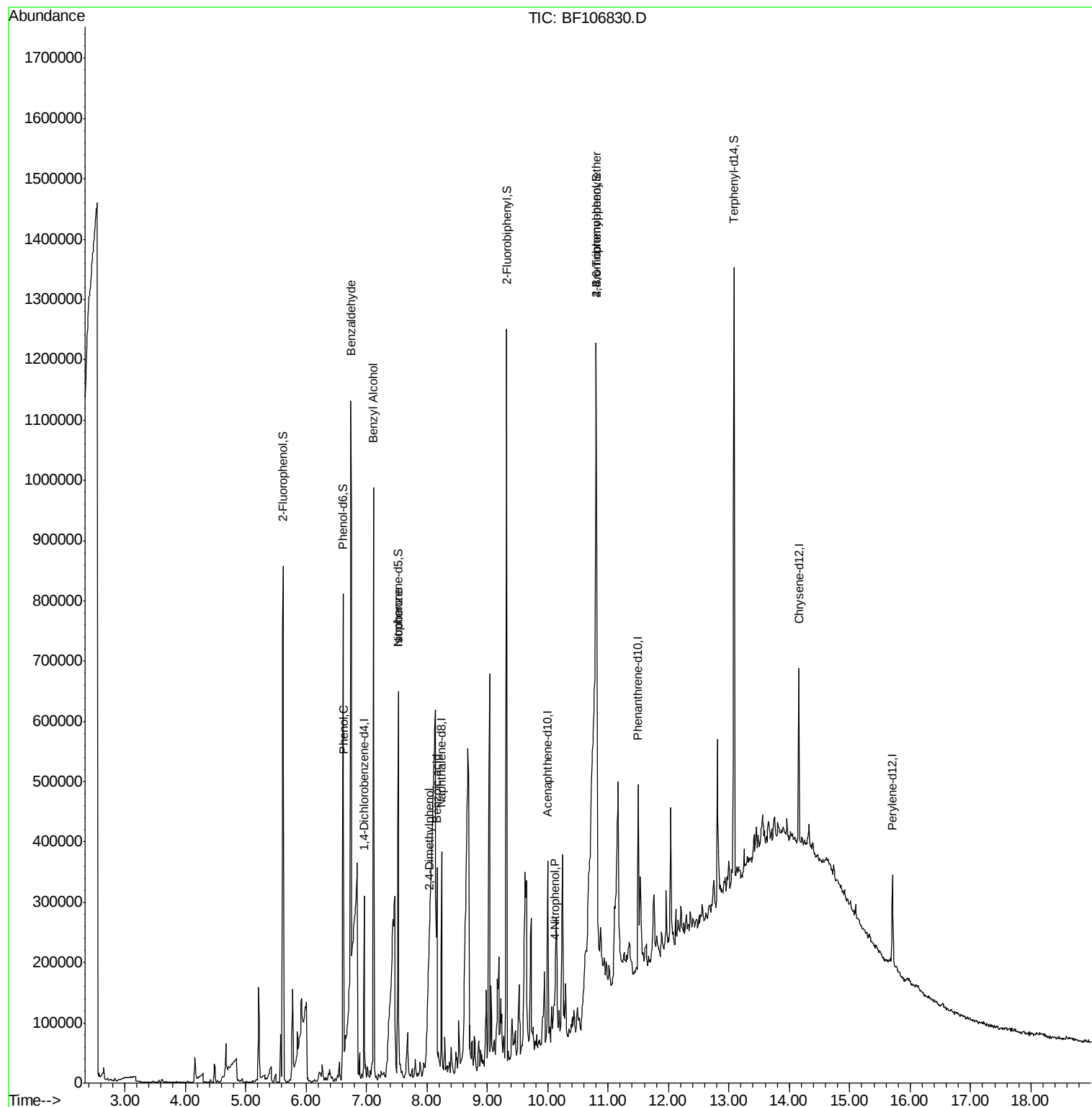
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	42012	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	143236	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	61035	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	113672	20.00	ng	0.00
75) Chrysene-d12	14.16	240	114335	20.00	ng	0.00
86) Perylene-d12	15.71	264	81805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	286931	115.65	ng	0.02
7) Phenol-d6	6.61	99	308119	99.45	ng	0.00
23) Nitrobenzene-d5	7.52	82	230470	89.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	95004	134.30	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	380699	109.90	ng	0.00
78) Terphenyl-d14	13.08	244	456662	96.75	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	7165	2.738	ng	85
10) Phenol	6.62	94	10375	2.934	ng	88
15) Benzyl Alcohol	7.12	79	6631	2.665	ng	# 53
25) Isophorone	7.52	82	230470	50.744	ng	# 64
27) 2,4-Dimethylphenol	8.04	122	12596	6.560	ng	# 31
32) Benzoic acid	8.17	122	79713	55.992	ng	98
55) 4-Nitrophenol	10.12	139	2644	3.396	ng	# 54
66) 4-Bromophenyl-phenylether	10.80	248	5951	4.387	ng	# 1

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

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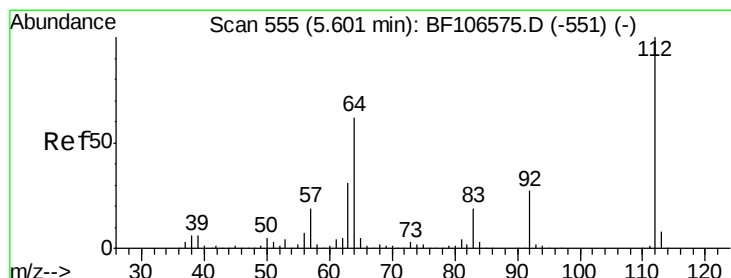
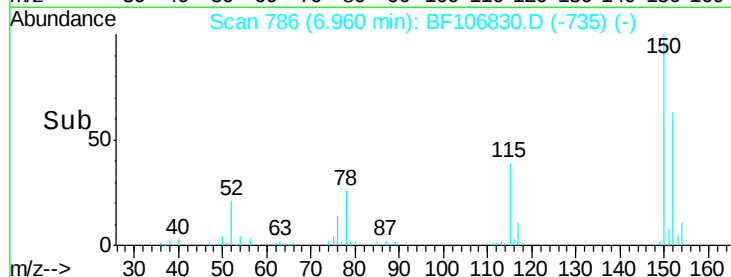
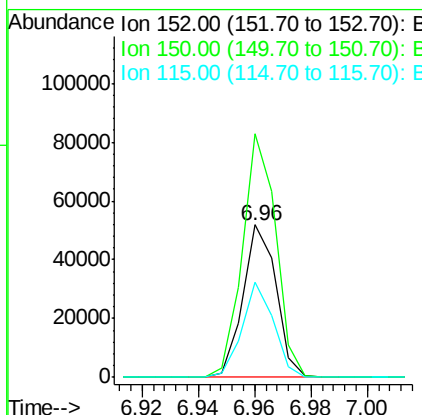
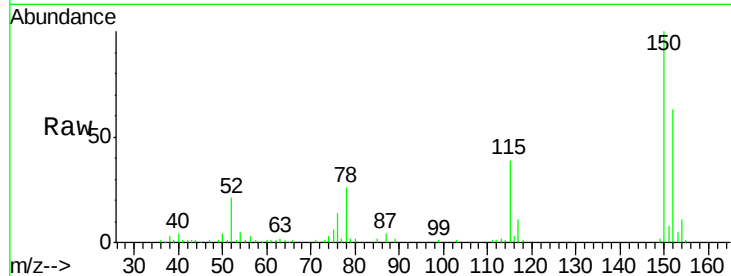




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106830.D
 Acq: 26 Jun 2018 18:34

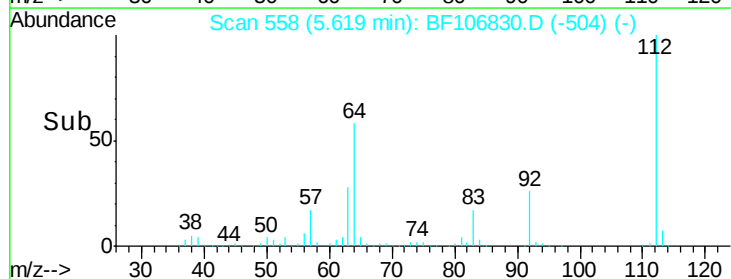
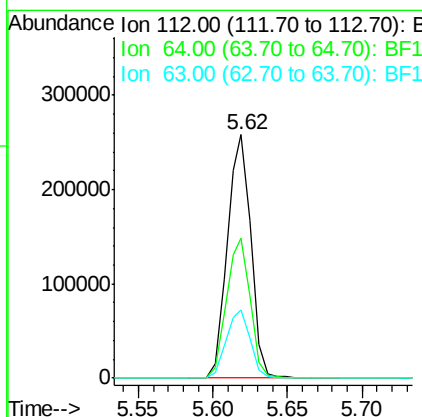
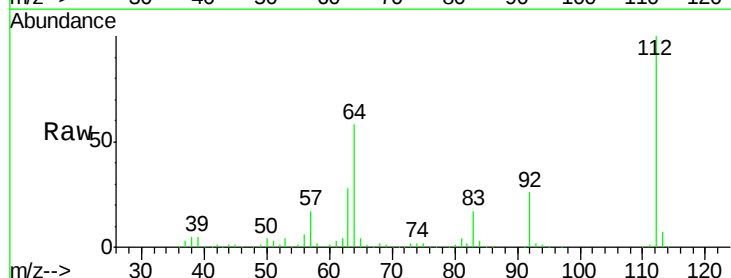
Instrument :
 BNA_F
 ClientSampleId :
 CS-PAINT-CHIP

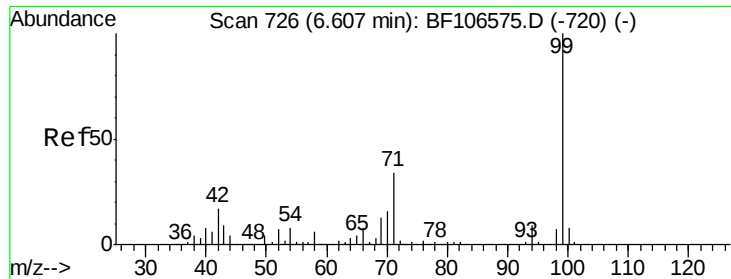
Tgt Ion:152 Resp: 42012
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.6 186.8
 115 62.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 115.649 ng
 RT: 5.62 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: BF106830.D
 Acq: 26 Jun 2018 18:34

Tgt Ion:112 Resp: 286931
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.9 71.9
 63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 99.446 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106830.D

Acq: 26 Jun 2018 18:34

Instrument :

BNA_F

ClientSampleId :

CS-PAINT-CHIP

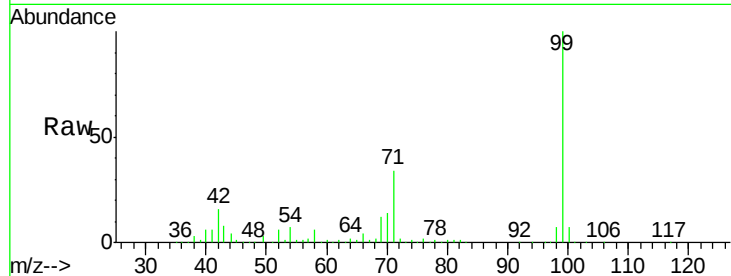
Tgt Ion: 99 Resp: 308119

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

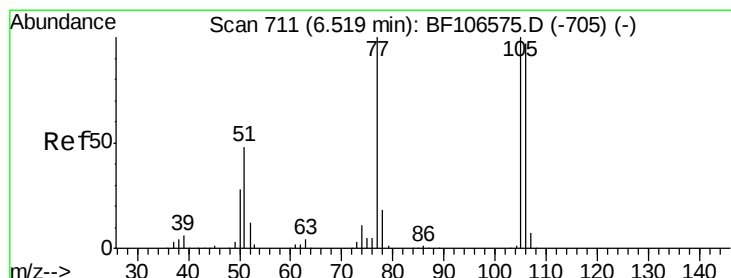
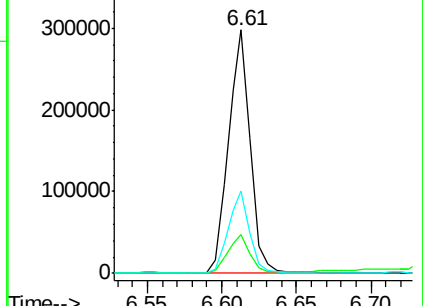
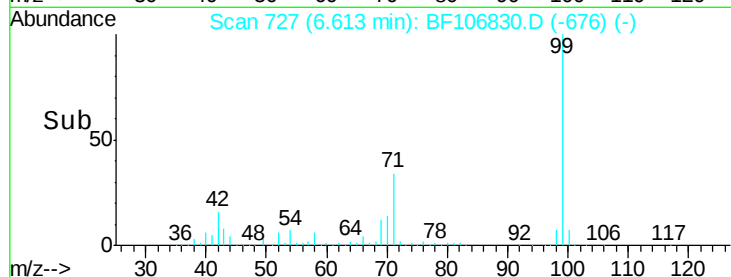
71 33.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.738 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106830.D

Acq: 26 Jun 2018 18:34

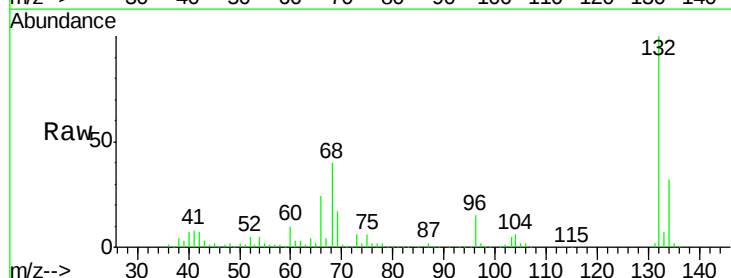
Tgt Ion: 77 Resp: 7165

Ion Ratio Lower Upper

77 100

105 82.0 81.1 121.1

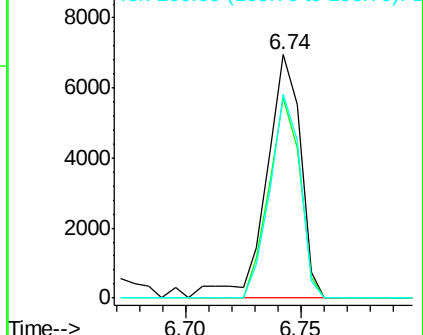
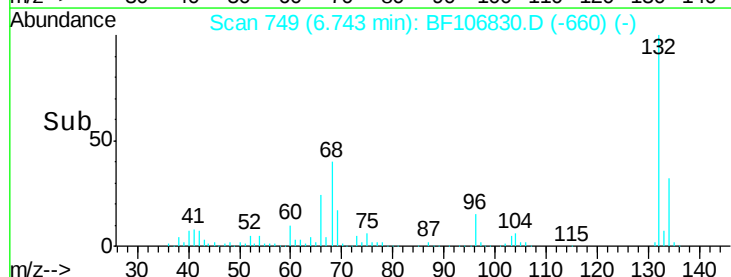
106 84.0 74.5 114.5

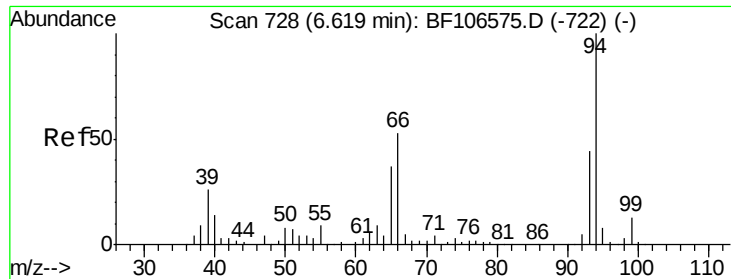


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.934 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF106830.D

Acq: 26 Jun 2018 18:34

Instrument :

BNA_F

ClientSampleId :

CS-PAINT-CHIP

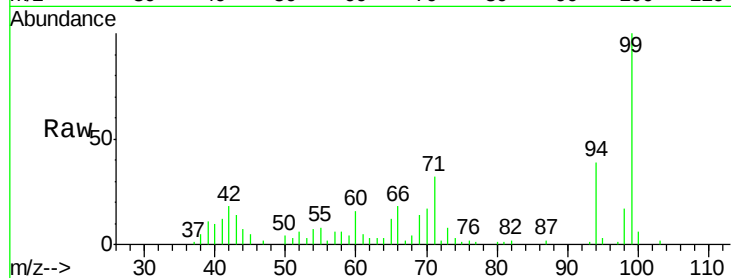
Tgt Ion: 94 Resp: 10375

Ion Ratio Lower Upper

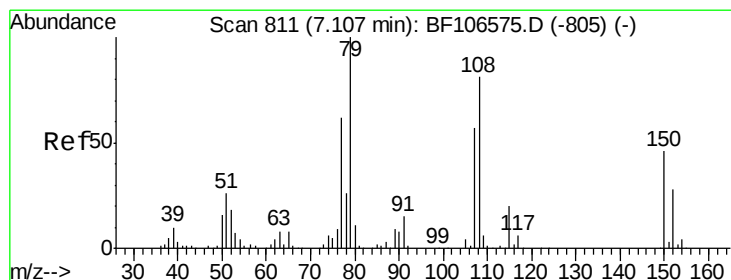
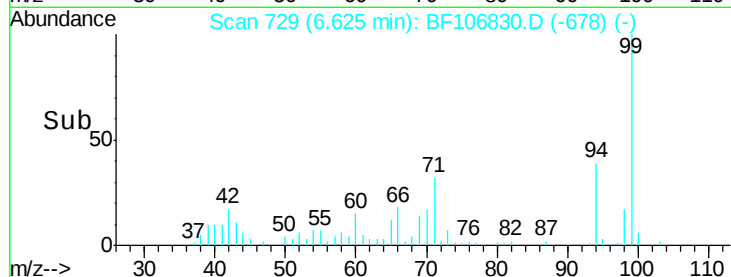
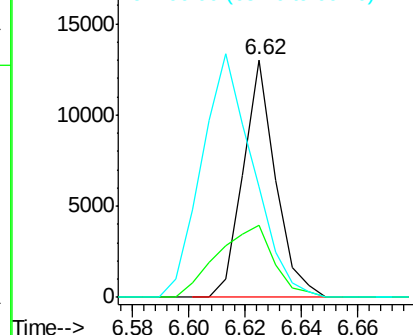
94 100

65 30.3 7.9 47.9

66 46.3 16.2 56.2



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



#15

Benzyl Alcohol

Concen: 2.665 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF106830.D

Acq: 26 Jun 2018 18:34

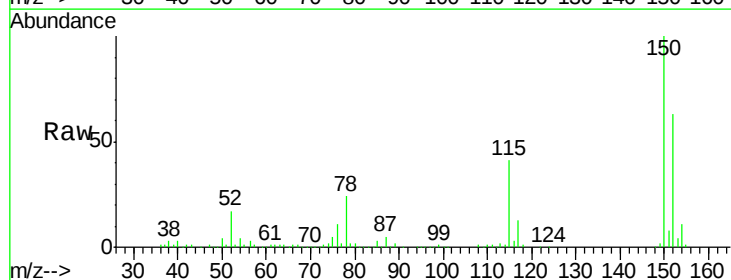
Tgt Ion: 79 Resp: 6631

Ion Ratio Lower Upper

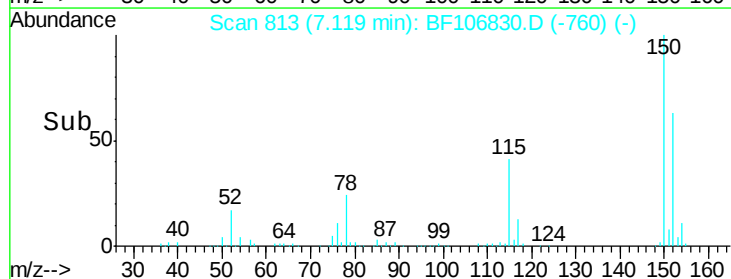
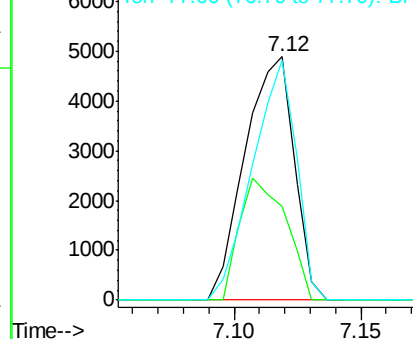
79 100

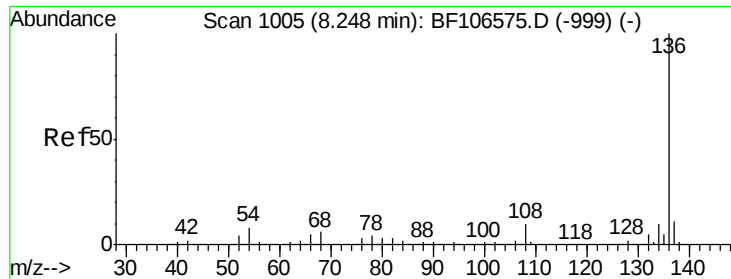
108 38.8 65.1 97.7#

77 98.6 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

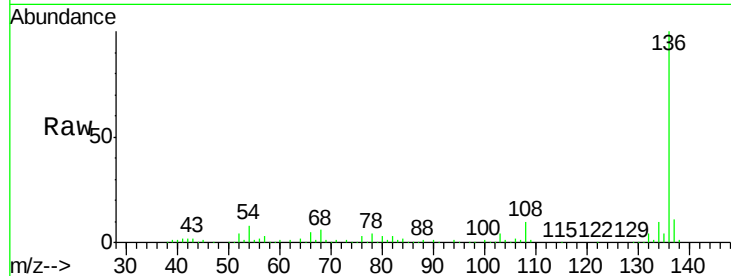




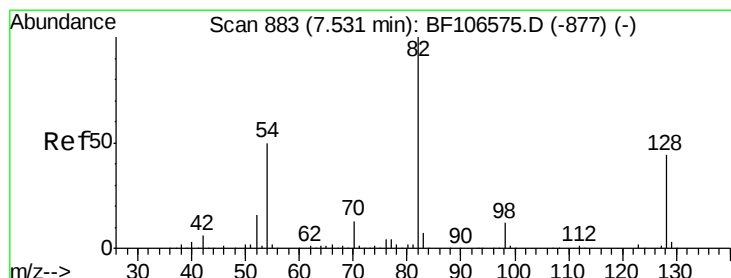
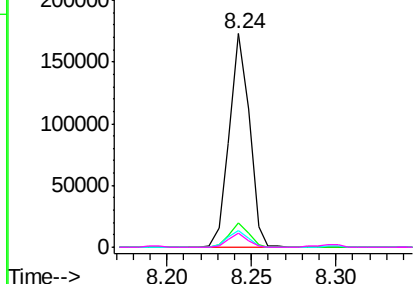
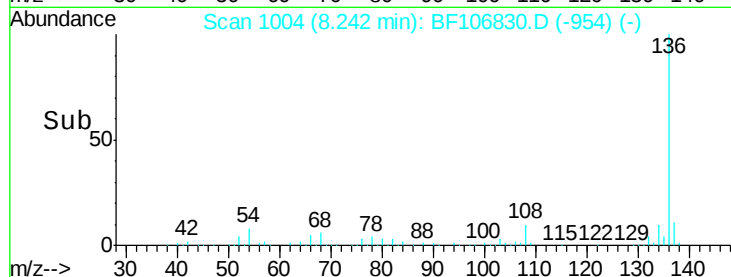
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106830.D
Acq: 26 Jun 2018 18:34

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Tgt Ion: 136 Resp: 143236
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.7 6.6 9.8
68 6.3 5.0 7.4

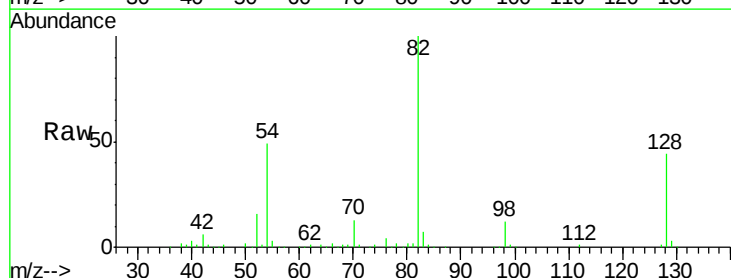


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

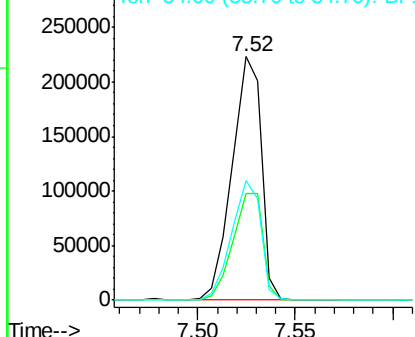
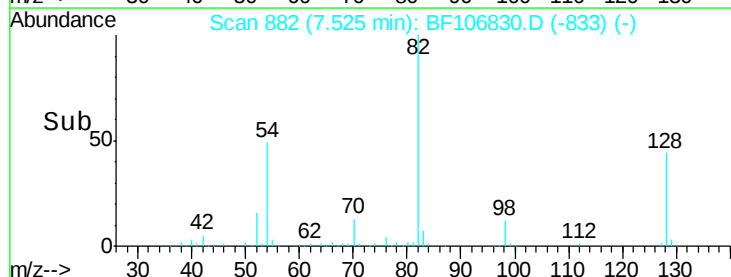


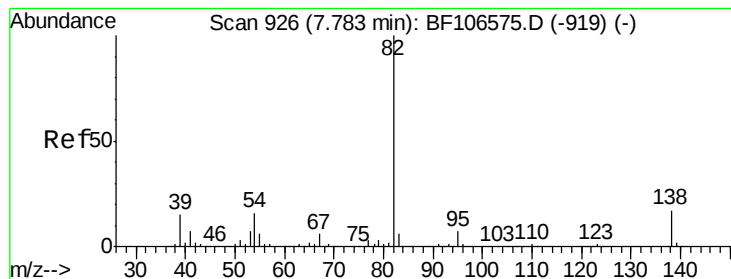
#23
Nitrobenzene-d5
Concen: 89.419 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106830.D
Acq: 26 Jun 2018 18:34

Tgt Ion: 82 Resp: 230470
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 49.3 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





#25

Isophorone

Concen: 50.744 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106830.D

Acq: 26 Jun 2018 18:34

Instrument :

BNA_F

ClientSampleId :

CS-PAINT-CHIP

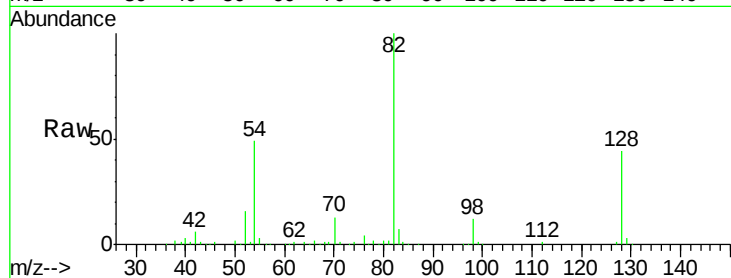
Tgt Ion: 82 Resp: 230470

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

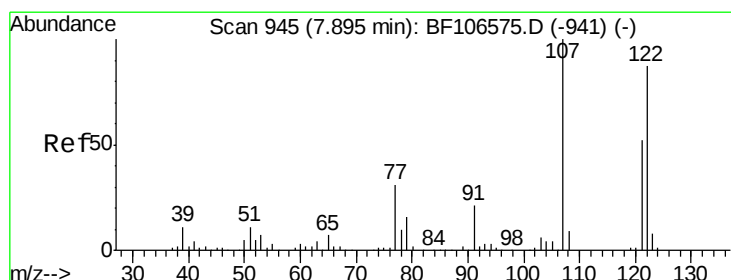
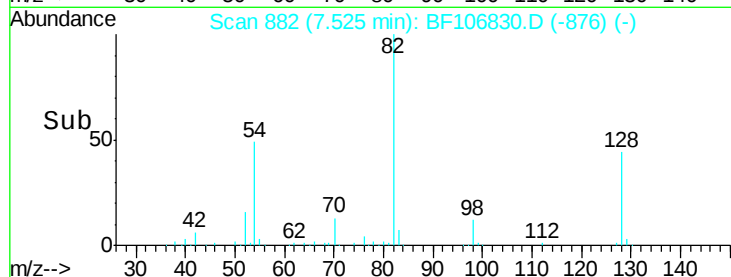
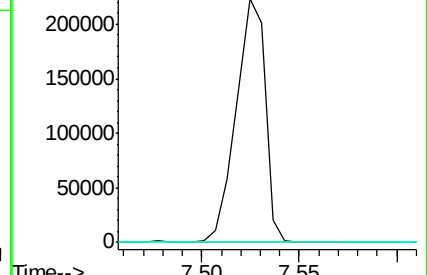
138 0.0 14.9 22.3#



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



#27

2,4-Dimethylphenol

Concen: 6.560 ng

RT: 8.04 min Scan# 969

Delta R.T. 0.14 min

Lab File: BF106830.D

Acq: 26 Jun 2018 18:34

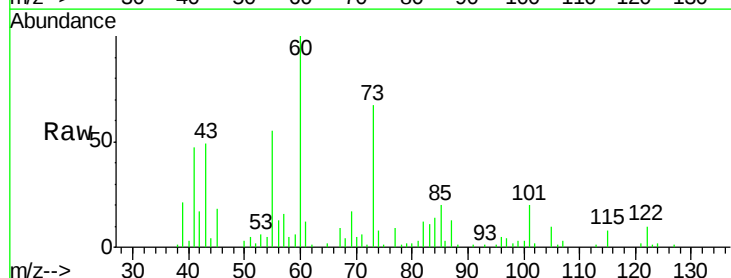
Tgt Ion: 122 Resp: 12596

Ion Ratio Lower Upper

122 100

107 33.6 91.2 136.8#

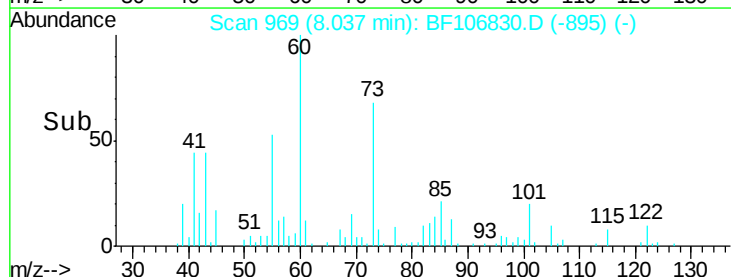
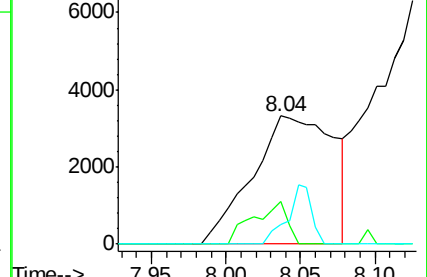
121 15.8 47.2 70.8#

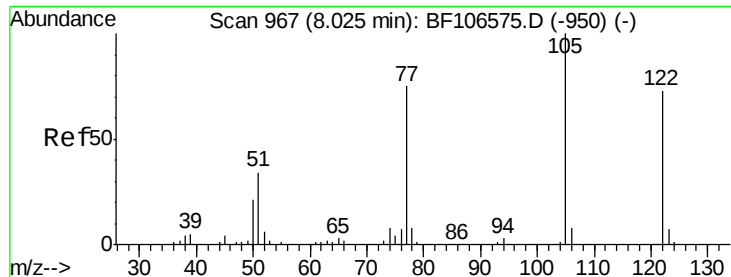


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

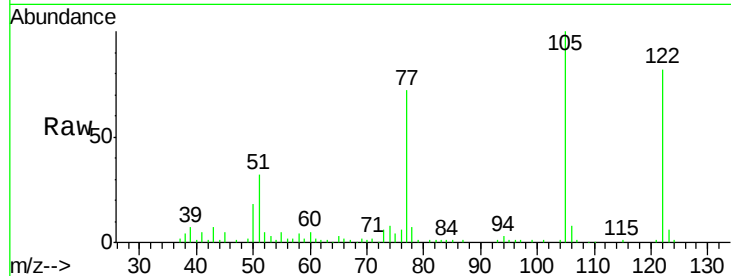




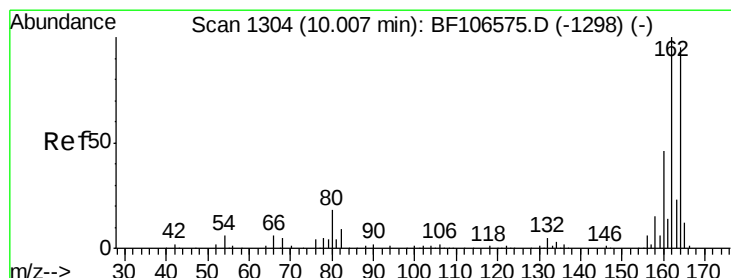
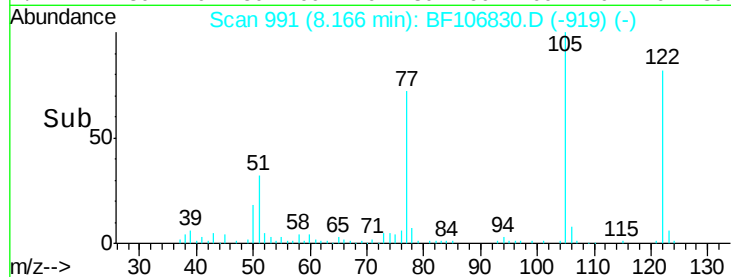
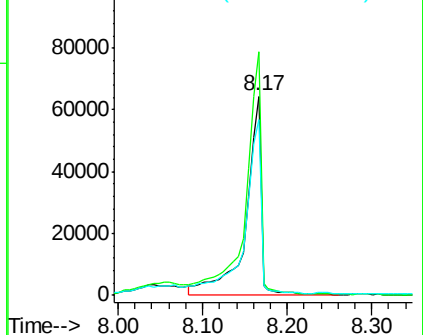
#32
Benzoic acid
Concen: 55.992 ng
RT: 8.17 min Scan# 991
Delta R.T. 0.12 min
Lab File: BF106830.D
Acq: 26 Jun 2018 18:34

Instrument :
BNA_F
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CS-PAINT-CHIP

Tgt Ion:122 Resp: 79713
Ion Ratio Lower Upper
122 100
105 122.3 101.1 141.1
77 88.4 70.7 110.7

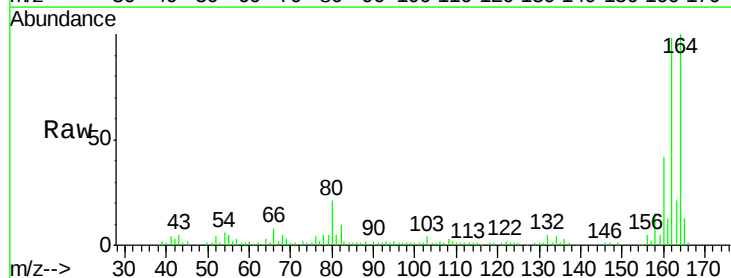


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

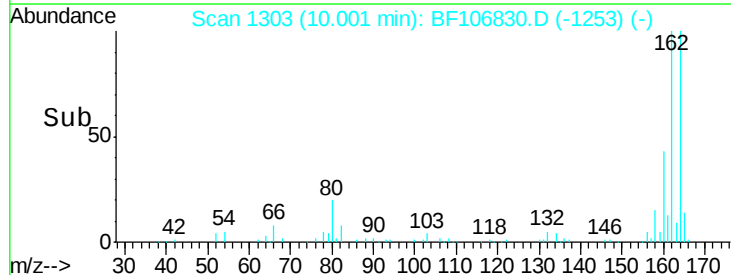
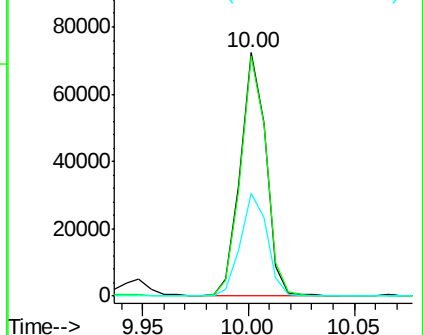


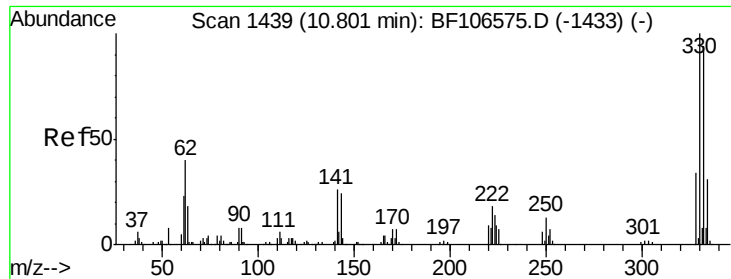
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106830.D
Acq: 26 Jun 2018 18:34

Tgt Ion:164 Resp: 61035
Ion Ratio Lower Upper
164 100
162 98.5 86.1 129.1
160 42.4 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

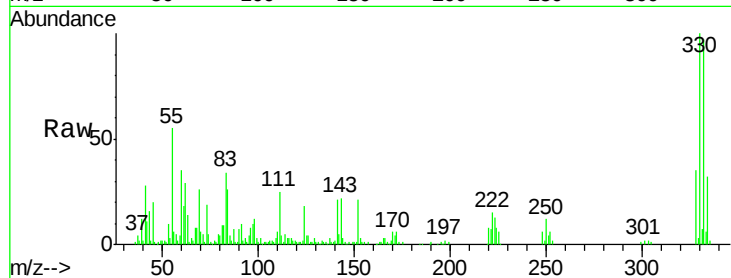




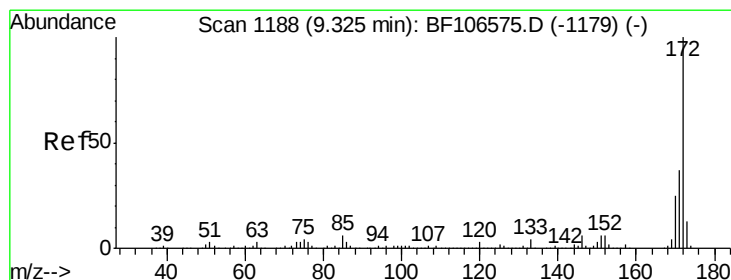
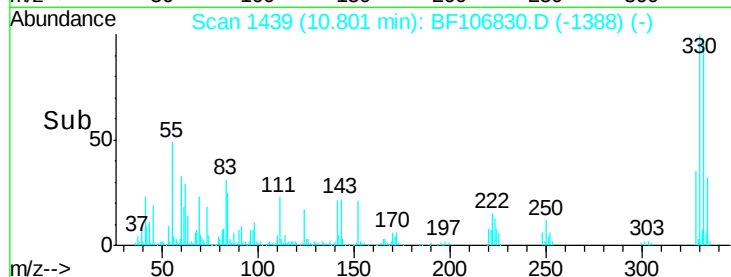
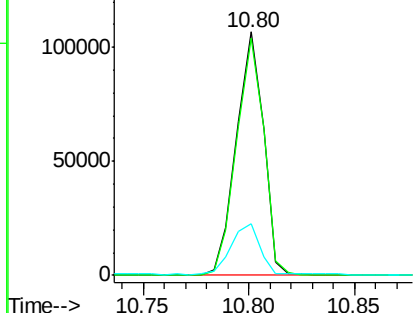
#41
 2,4,6-Tribromophenol
 Concen: 134.298 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106830.D
 Acq: 26 Jun 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 CS-PAINT-CHIP

Tgt Ion:330 Resp: 95004
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 21.5 29.9 44.9#

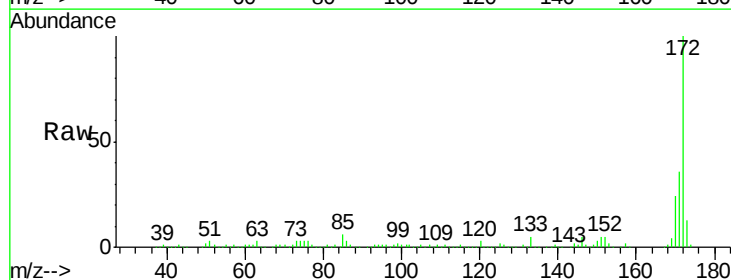


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

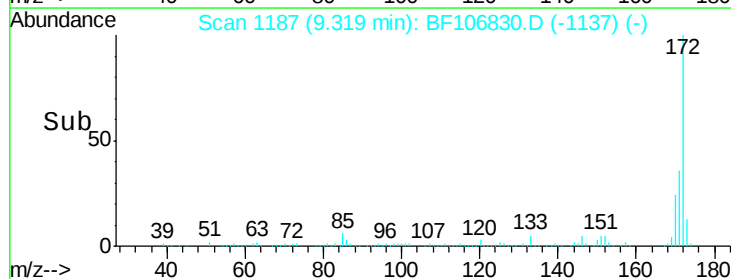
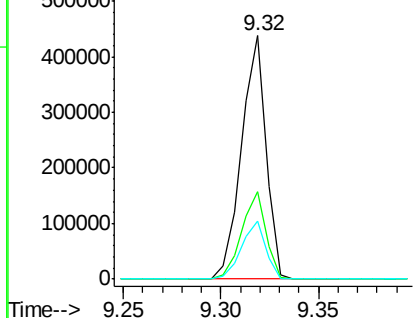


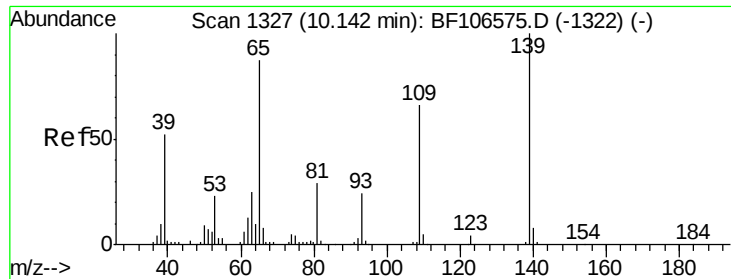
#44
 2-Fluorobiphenyl
 Concen: 109.896 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106830.D
 Acq: 26 Jun 2018 18:34

Tgt Ion:172 Resp: 380699
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.8 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

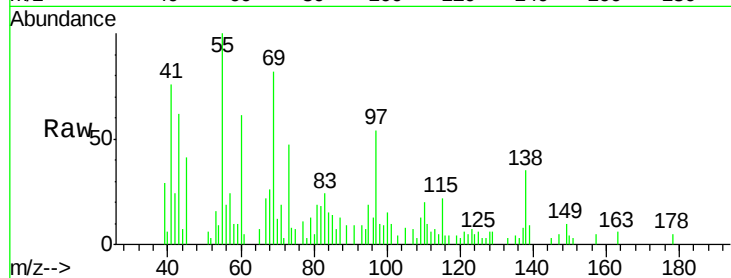




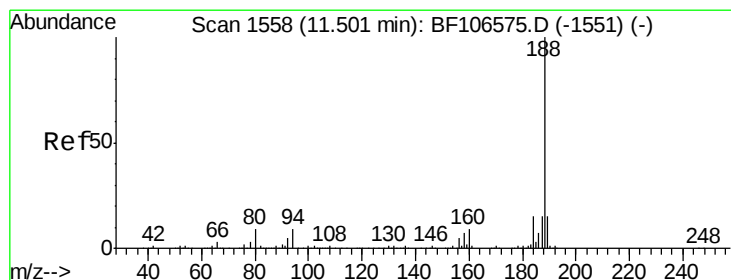
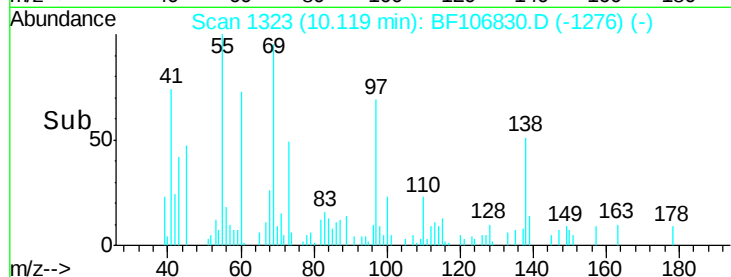
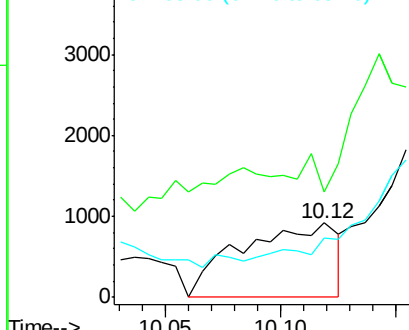
#55
4-Nitrophenol
Concen: 3.396 ng
RT: 10.12 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF106830.D
Acq: 26 Jun 2018 18:34

Instrument :
BNA_F
ClientSampleId :
CS-PAINT-CHIP

Tgt Ion:139 Resp: 2644
Ion Ratio Lower Upper
139 100
109 141.9 48.4 88.4#
65 79.8 72.6 112.6

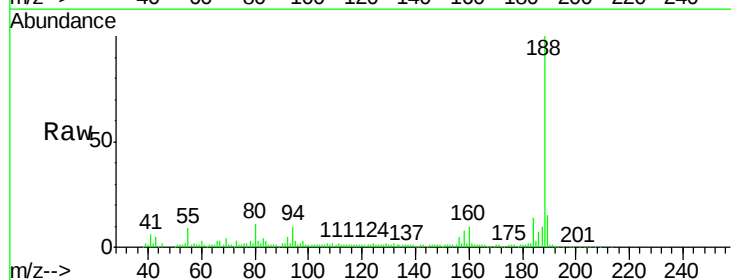


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

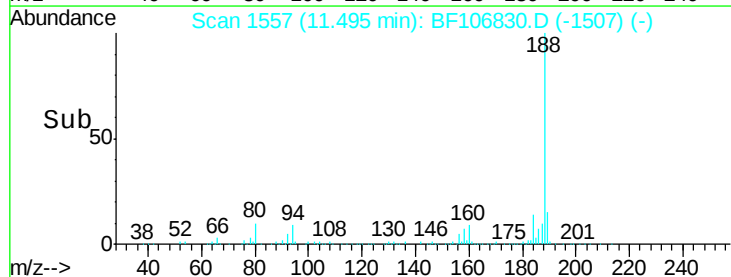
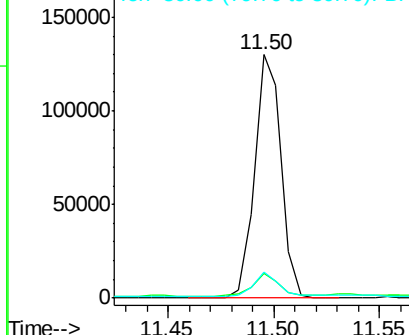


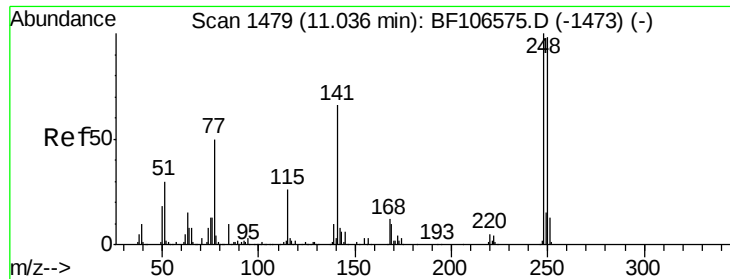
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106830.D
Acq: 26 Jun 2018 18:34

Tgt Ion:188 Resp: 113672
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.7 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

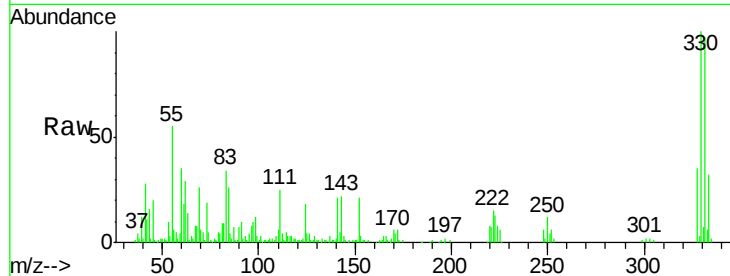




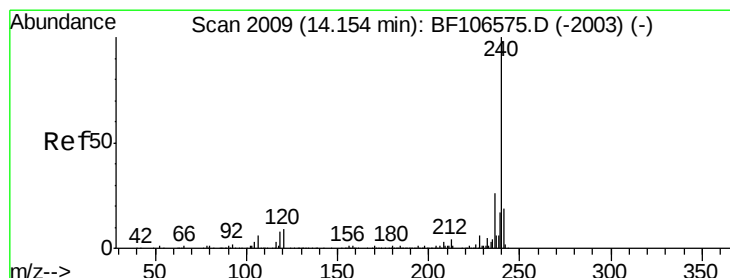
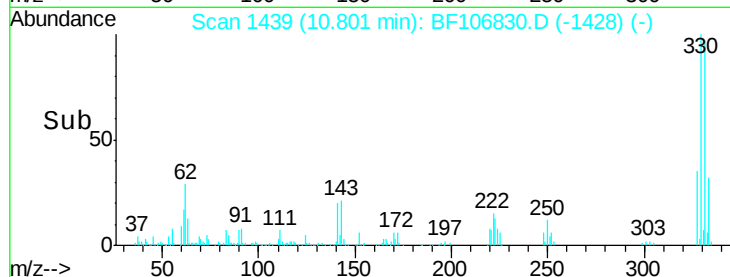
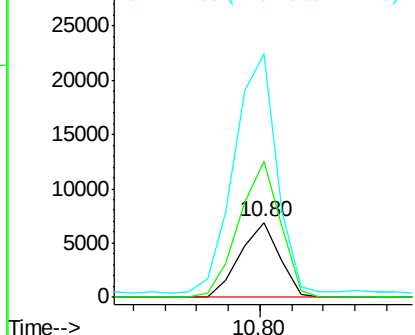
#66
4-Bromophenyl-phenylether
Concen: 4.387 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106830.D
Acq: 26 Jun 2018 18:34

Instrument :
BNA_F
ClientSampleId :
CS-PAINT-CHIP

Tgt Ion:248 Resp: 5951
Ion Ratio Lower Upper
248 100
250 181.4 76.9 115.3#
141 323.8 74.4 111.6#

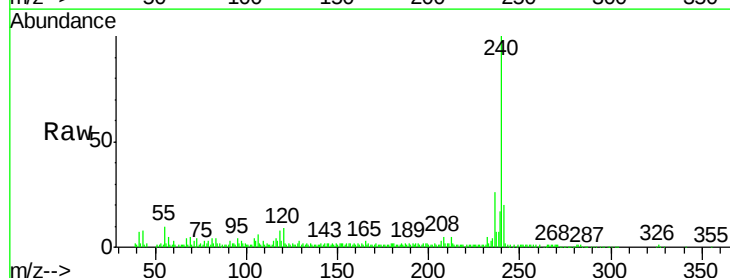


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

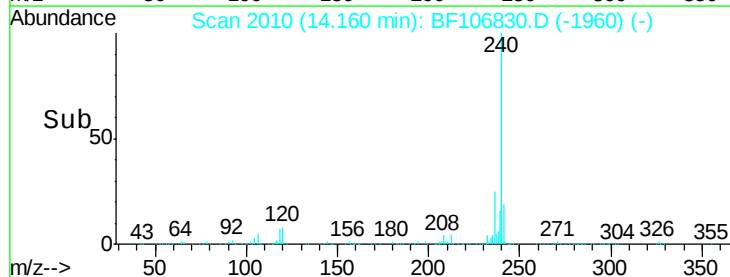
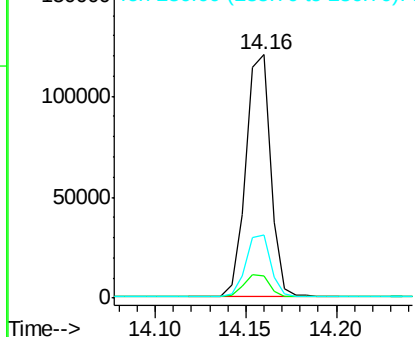


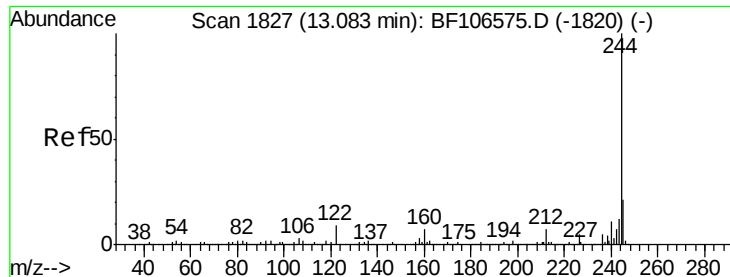
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF106830.D
Acq: 26 Jun 2018 18:34

Tgt Ion:240 Resp: 114335
Ion Ratio Lower Upper
240 100
120 8.9 9.5 14.3#
236 25.8 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: 96.748 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106830.D

Acq: 26 Jun 2018 18:34

Instrument :

BNA_F

ClientSampleId :

CS-PAINT-CHIP

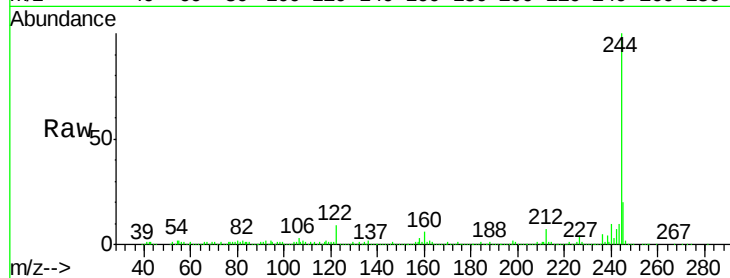
Tgt Ion:244 Resp: 456662

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

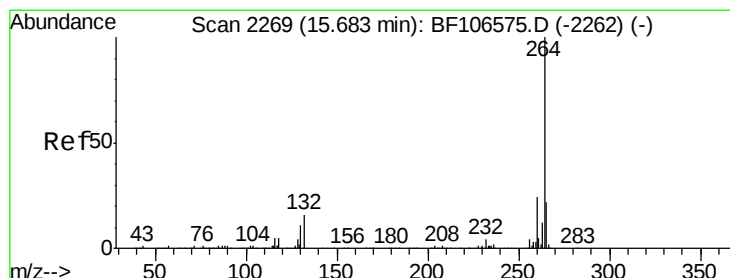
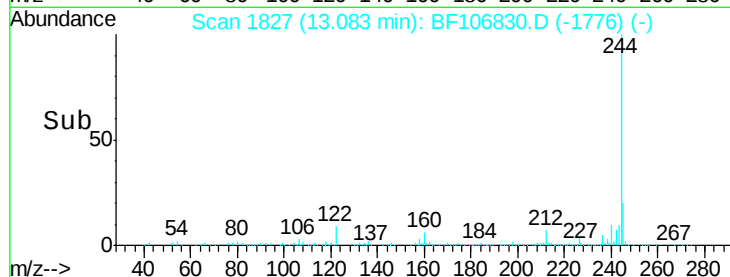
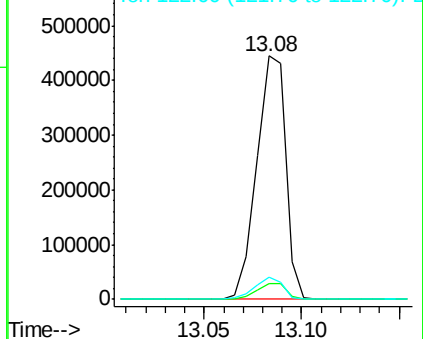
122 9.2 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF106830.D

Acq: 26 Jun 2018 18:34

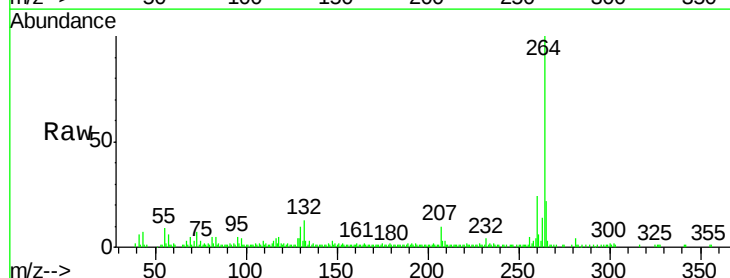
Tgt Ion:264 Resp: 81805

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.8 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

