

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
 Data File : BF110944.D
 Acq On : 23 Nov 2018 15:18
 Operator : JU/SJ
 Sample : J6003-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-A

Quant Time: Nov 23 21:07:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

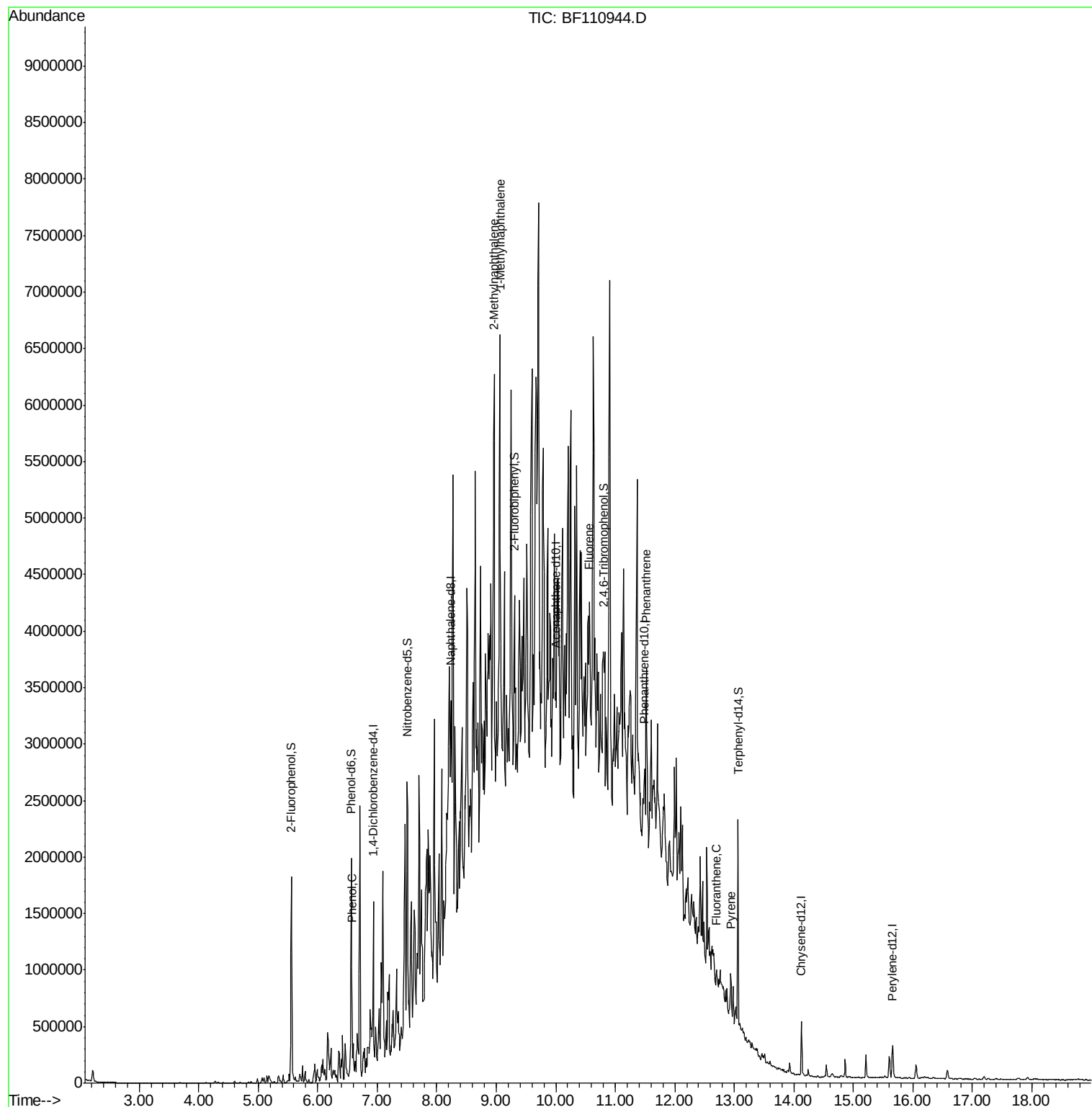
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	63428	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	219417	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	102292	20.00	ng	0.01
64) Phenanthrene-d10	11.49	188	156259	20.00	ng	0.00
76) Chrysene-d12	14.13	240	159841	20.00	ng	-0.01
87) Perylene-d12	15.66	264	157258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	549233	140.65	ng	0.00
7) Phenol-d6	6.57	99	682460	136.67	ng	0.00
23) Nitrobenzene-d5	7.51	82	419944	110.22	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	108074	104.85	ng	0.01
45) 2-Fluorobiphenyl	9.31	172	598483	83.56	ng	0.00
79) Terphenyl-d14	13.06	244	565491	66.26	ng	0.00
Target Compounds						
10) Phenol	6.58	94	36616	6.324	ng	# 73
37) 2-Methylnaphthalene	8.96	142	2029877	300.614	ng	# 98
38) 1-Methylnaphthalene	9.06	142	1268514	195.340	ng	# 99
58) Fluorene	10.56	166	201770	28.696	ng	# 79
71) Phenanthrene	11.52	178	563921	67.362	ng	# 96
75) Fluoranthene	12.70	202	38524	4.590	ng	# 90
78) Pyrene	12.94	202	59028	4.796	ng	# 74

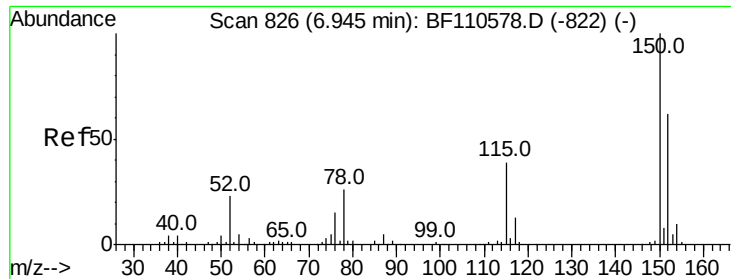
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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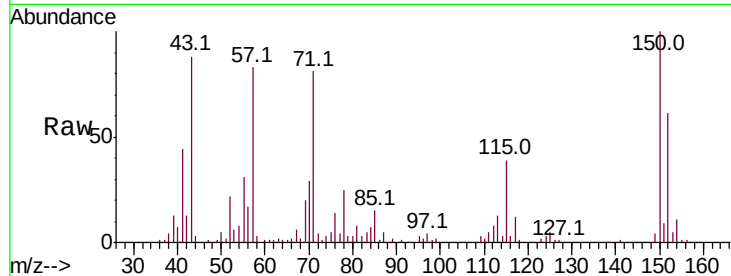


#1

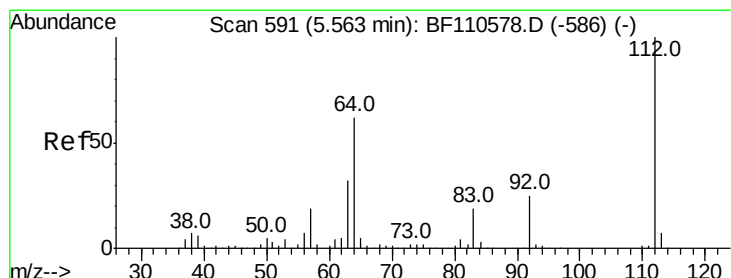
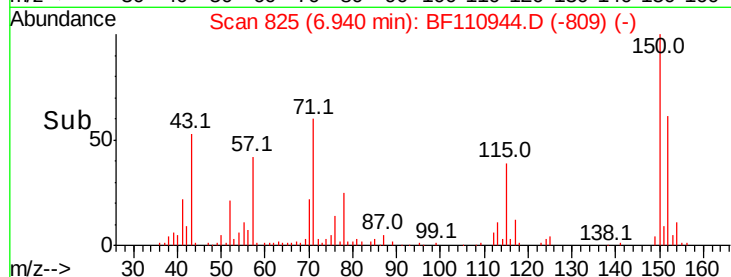
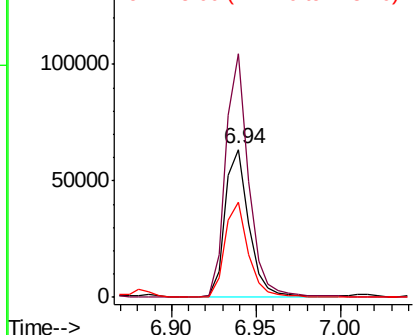
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110944.D
 Acq: 23 Nov 2018 15:18

Instrument :
 BNA_F
 ClientSampleID :
 NON-UST-03R-A

Tot Ion:152 Resp: 63428
 Ion Ratio Lower Upper
 152 100
 150 164.7 122.7 184.1
 115 64.4 49.1 73.7



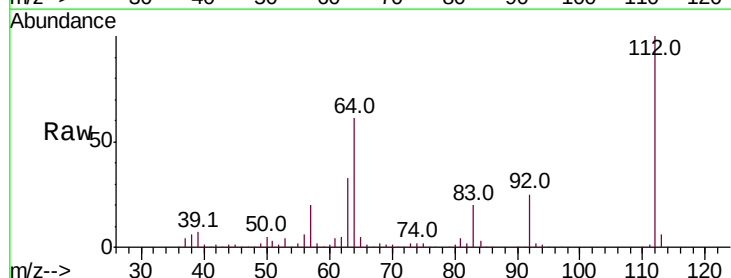
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



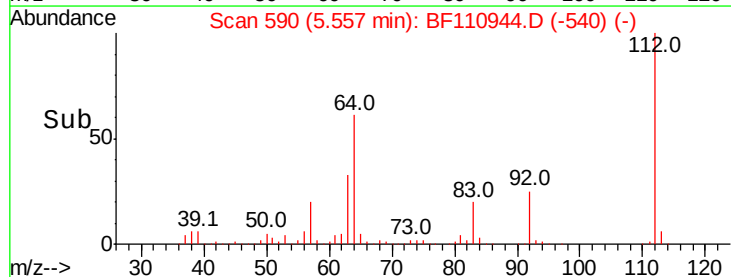
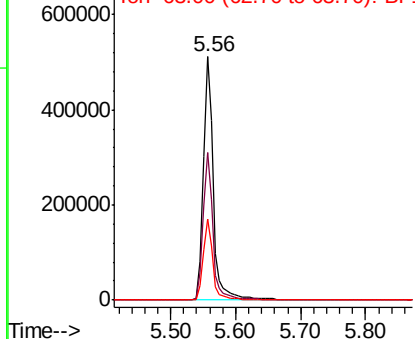
#5

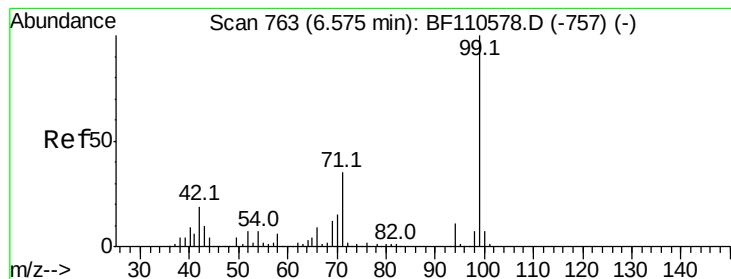
2-Fluorophenol
 Concen: 140.652 ng
 RT: 5.56 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF110944.D
 Acq: 23 Nov 2018 15:18

Tgt Ion:112 Resp: 549233
 Ion Ratio Lower Upper
 112 100
 64 60.8 44.1 66.1
 63 33.1 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: 136.671 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110944.D

Acq: 23 Nov 2018 15:18

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-A

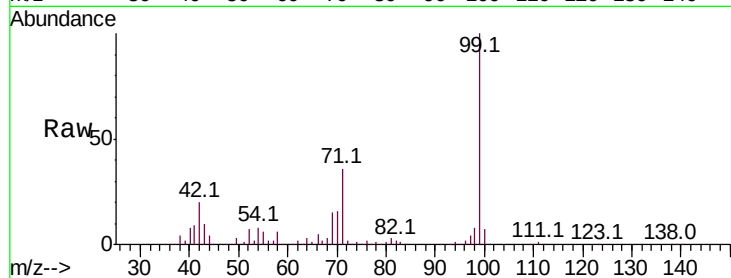
Tot Ion: 99 Resp: 682460

Ion Ratio Lower Upper

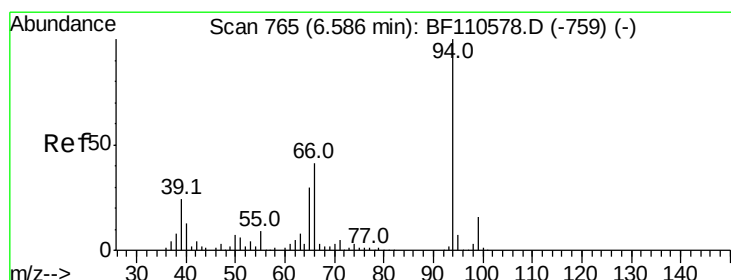
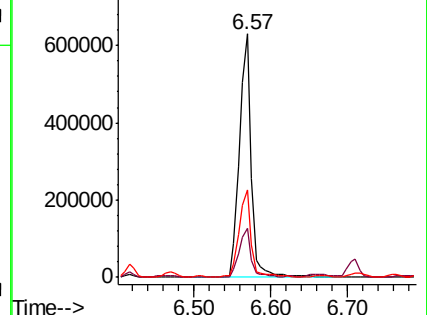
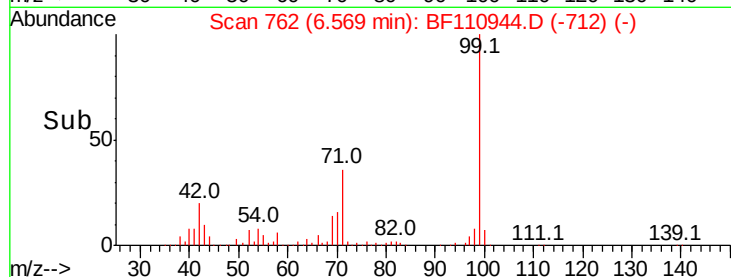
99 100

42 20.2 15.8 23.6

71 36.1 28.0 42.0



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



#10

Phenol

Concen: 6.324 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110944.D

Acq: 23 Nov 2018 15:18

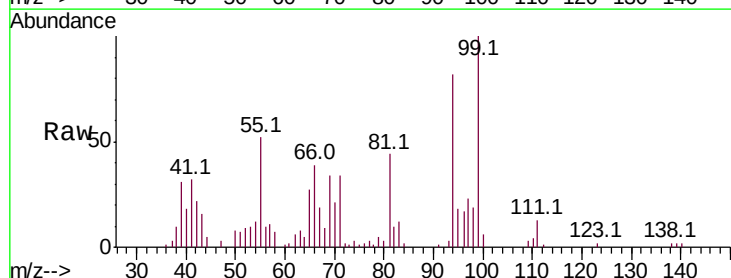
Tgt Ion: 94 Resp: 36616

Ion Ratio Lower Upper

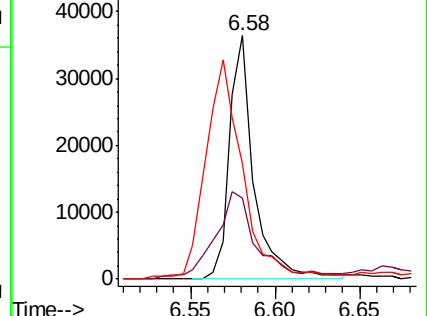
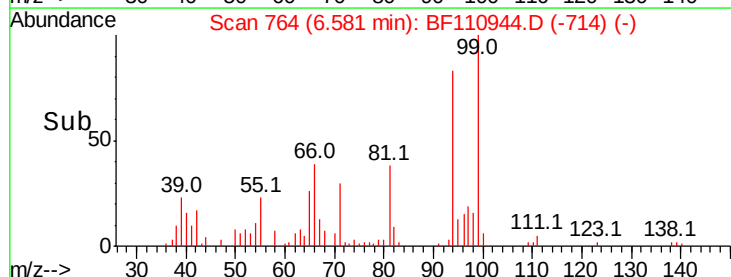
94 100

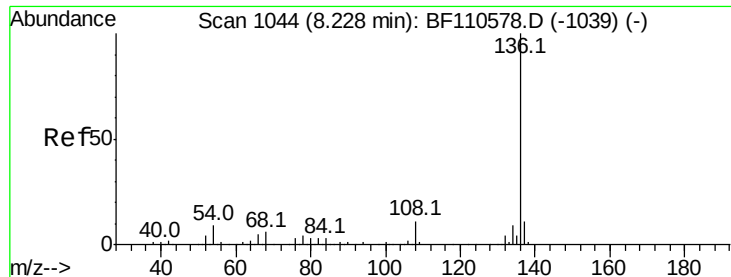
65 33.3 25.3 65.3

66 47.6 54.5 94.5#



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

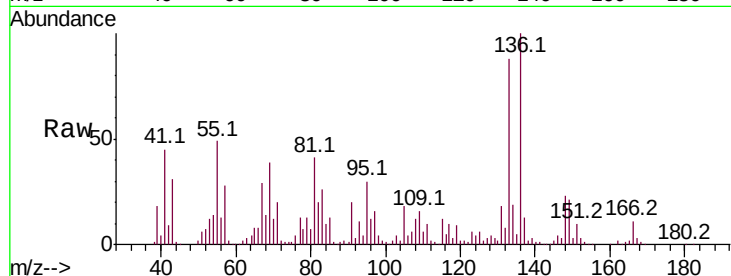




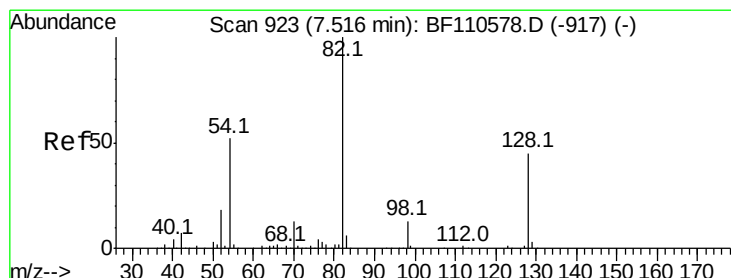
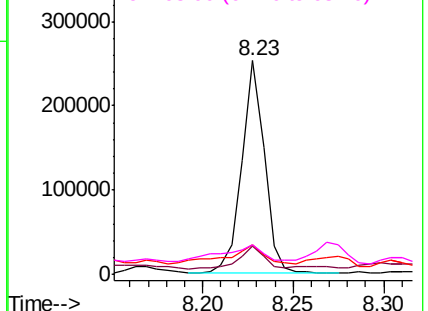
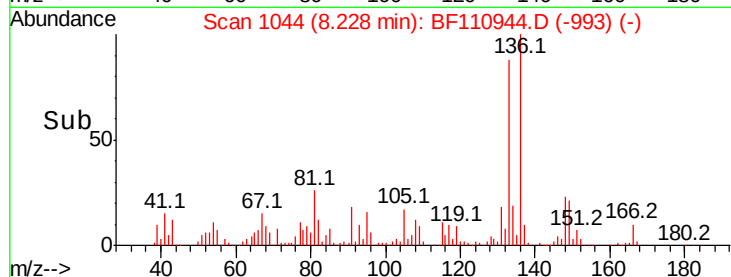
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110944.D
Acq: 23 Nov 2018 15:18

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-A

Tot Ion:	136	Resp:	219417
Ion	Ratio	Lower	Upper
136	100		
137	13.0	8.8	13.2
54	13.9	5.4	8.2#
68	13.9	4.2	6.2#

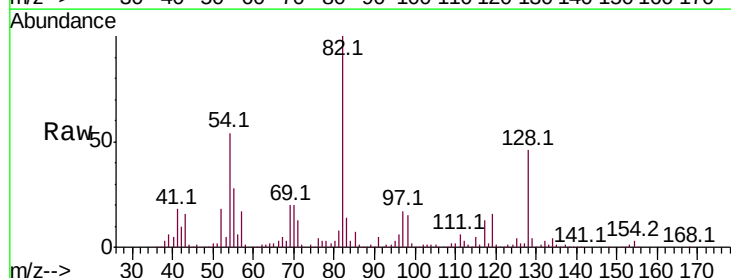


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

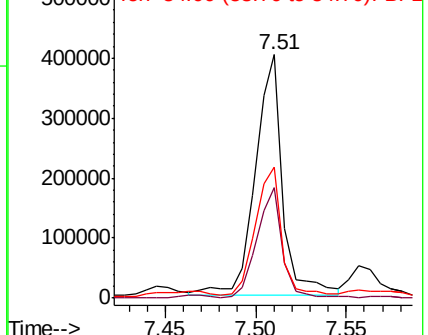
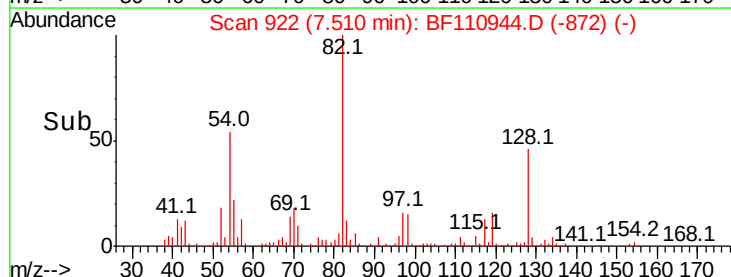


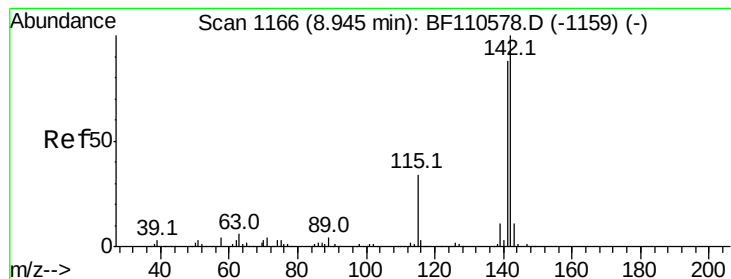
#23
Nitrobenzene-d5
Concen: 110.221 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110944.D
Acq: 23 Nov 2018 15:18

Tgt Ion:	82	Resp:	419944
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	53.6	38.6	58.0



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

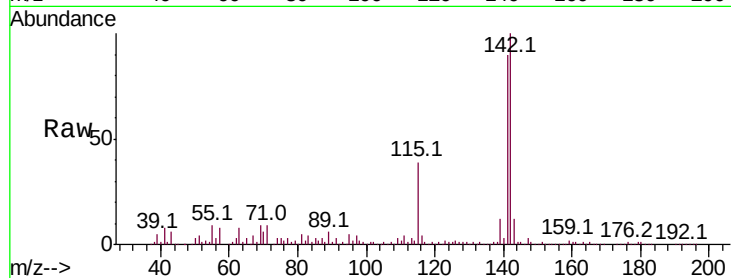




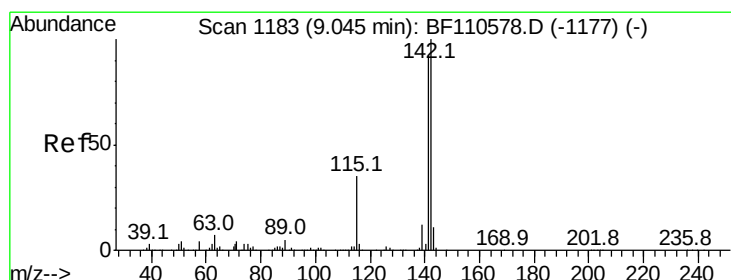
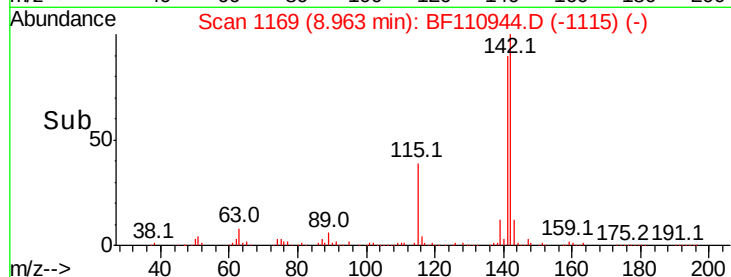
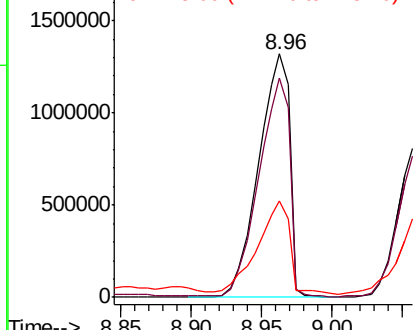
#37
 2-Methylnaphthalene
 Concen: 300.614 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.02 min
 Lab File: BF110944.D
 Acq: 23 Nov 2018 15:18

Instrument :
 BNA_F
 ClientSampleID :
 NON-UST-03R-A

Tot Ion:142 Resp: 2029877
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.4 107.2
 115 39.4 28.7 43.1

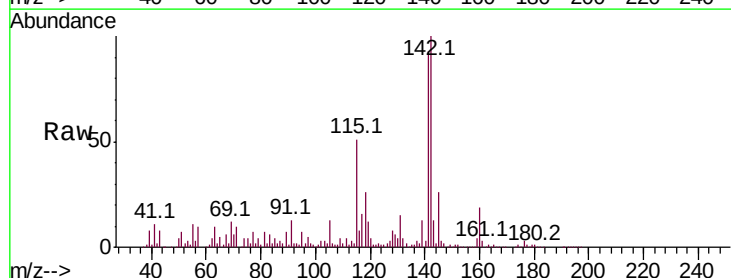


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

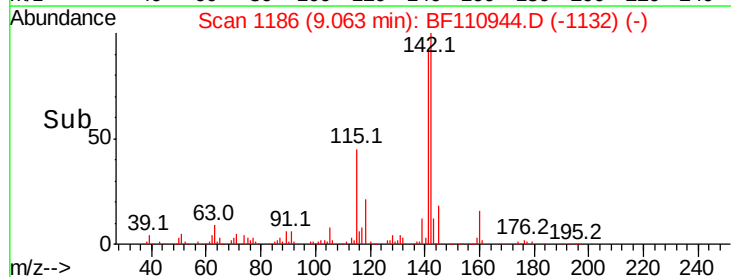
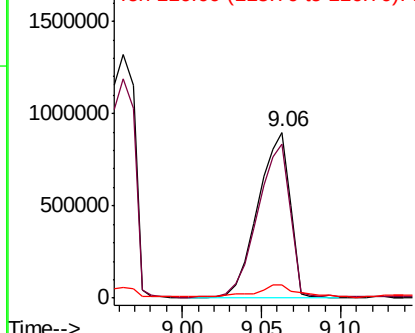


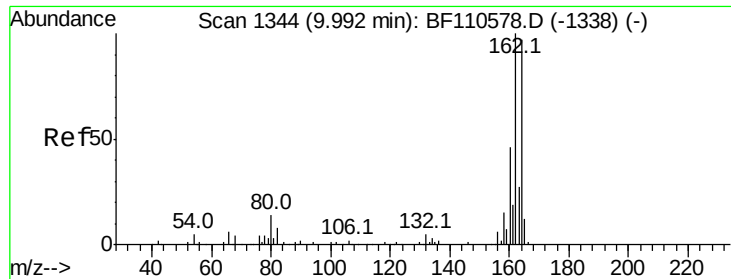
#38
 1-Methylnaphthalene
 Concen: 195.340 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.02 min
 Lab File: BF110944.D
 Acq: 23 Nov 2018 15:18

Tgt Ion:142 Resp: 1268514
 Ion Ratio Lower Upper
 142 100
 141 92.8 74.2 111.4
 116 8.0 2.6 4.0#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF110944.D

Acq: 23 Nov 2018 15:18

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-A

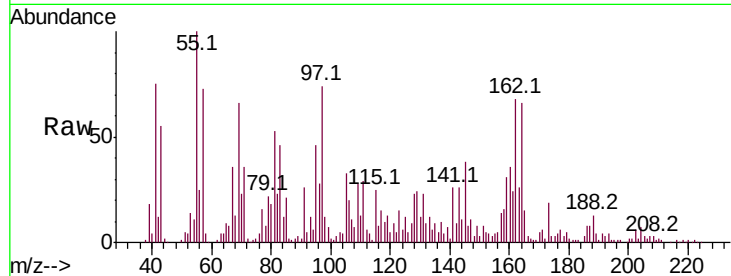
Tot Ion:164 Resp: 102292

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.6

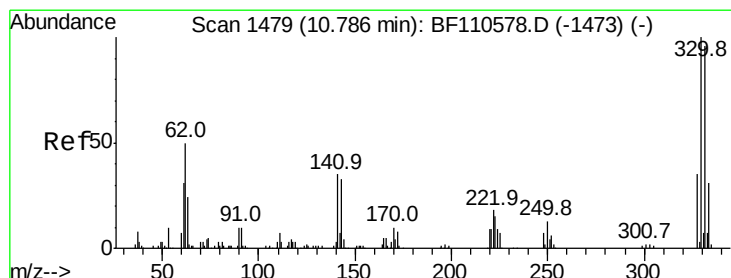
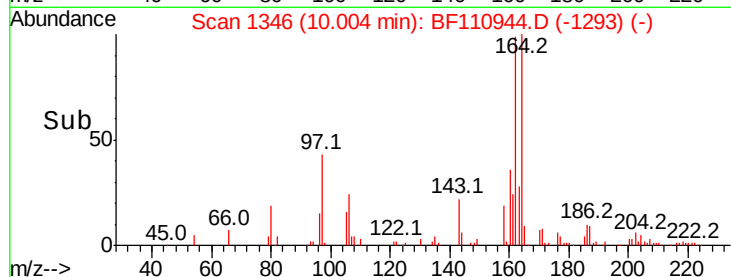
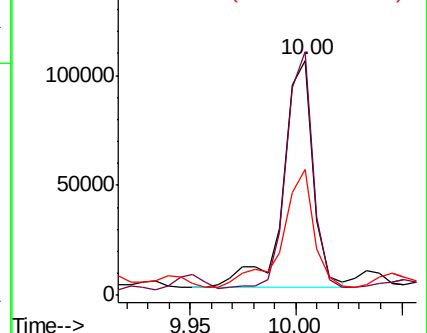
160 53.9 37.0 55.6



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: 104.853 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF110944.D

Acq: 23 Nov 2018 15:18

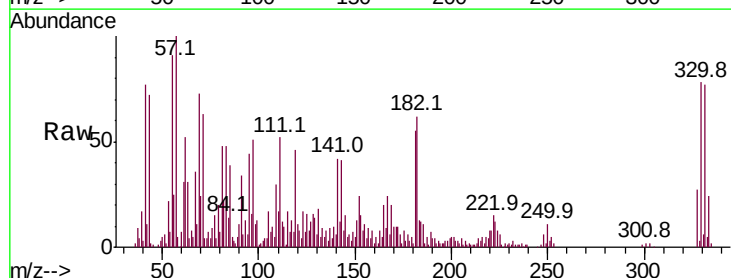
Tgt Ion:330 Resp: 108074

Ion Ratio Lower Upper

330 100

332 98.1 77.1 115.7

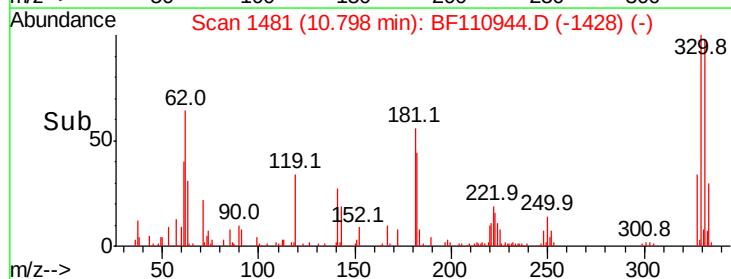
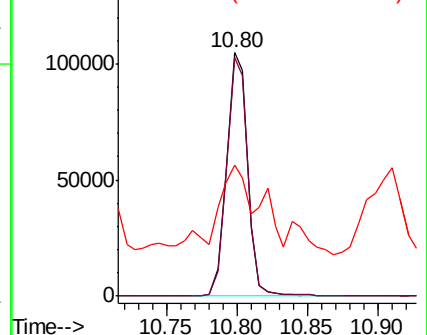
141 60.9 27.0 40.4#

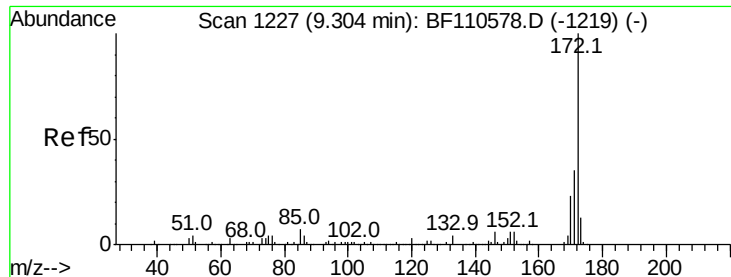


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

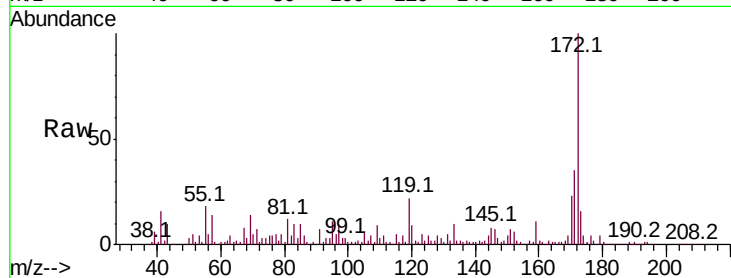




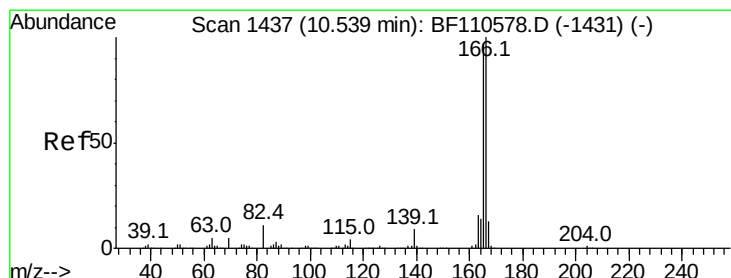
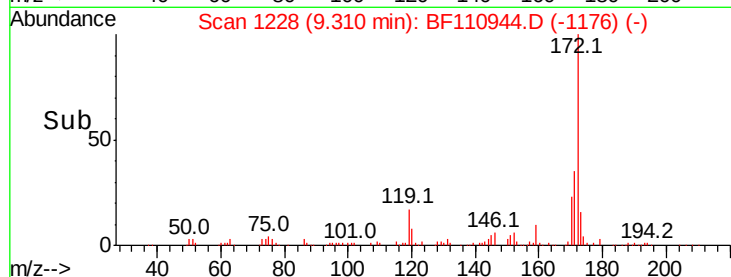
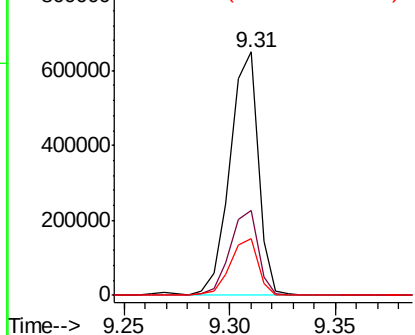
#45
2-Fluorobiphenyl
Concen: 83.559 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF110944.D
Acq: 23 Nov 2018 15:18

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-A

Tot Ion:172 Resp: 598483
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.2 19.7 29.5

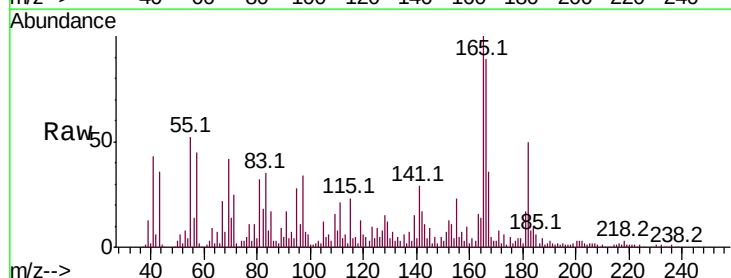


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

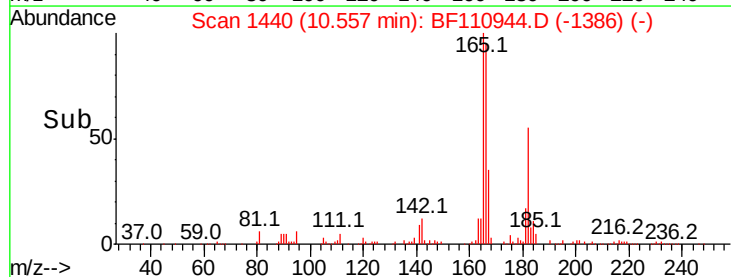
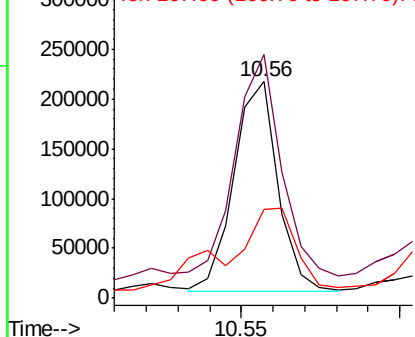


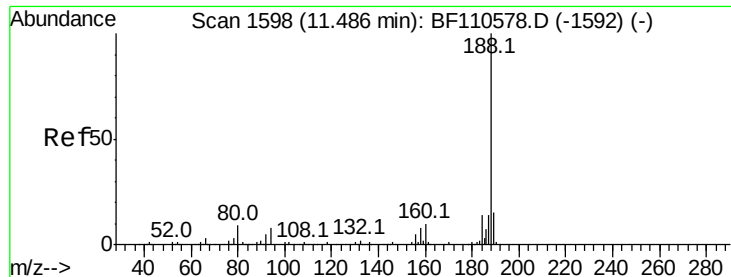
#58
Fluorene
Concen: 28.696 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.02 min
Lab File: BF110944.D
Acq: 23 Nov 2018 15:18

Tgt Ion:166 Resp: 201770
Ion Ratio Lower Upper
166 100
165 112.4 78.6 117.8
167 40.8 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF110944.D

Acq: 23 Nov 2018 15:18

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-A

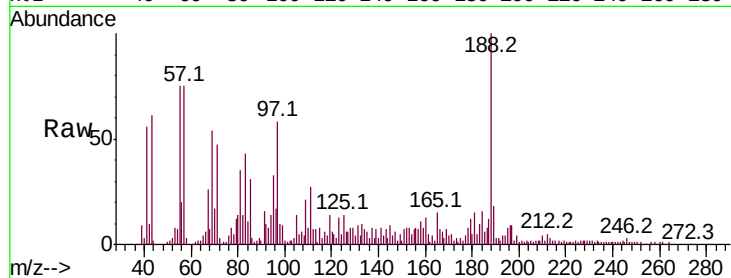
Tot Ion:188 Resp: 156259

Ion Ratio Lower Upper

188 100

94 13.8 7.2 10.8#

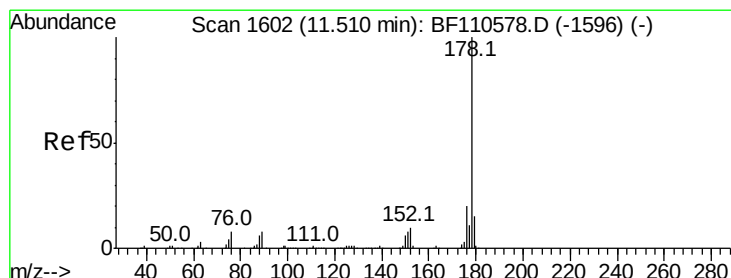
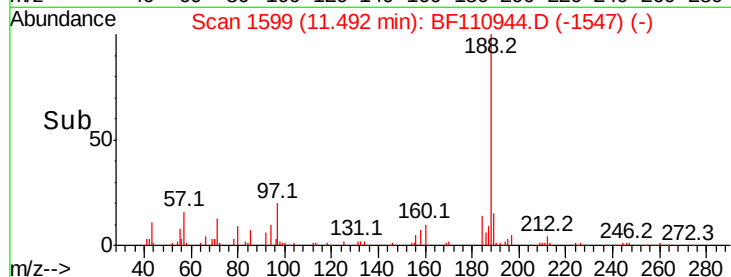
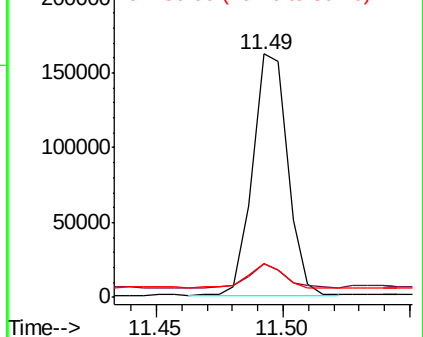
80 13.9 7.9 11.9#



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



#71

Phenanthrene

Concen: 67.362 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BF110944.D

Acq: 23 Nov 2018 15:18

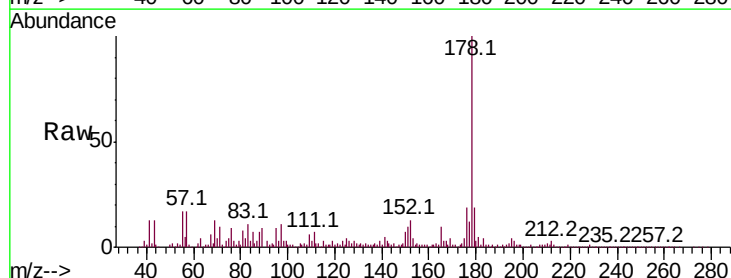
Tgt Ion:178 Resp: 563921

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

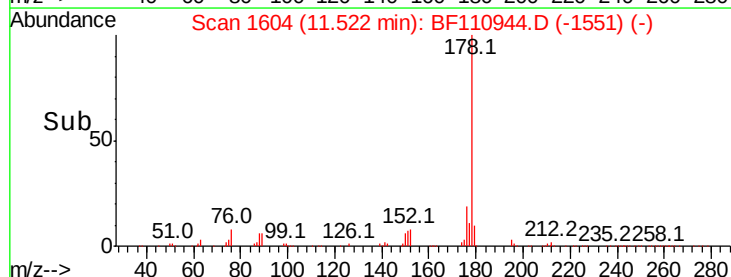
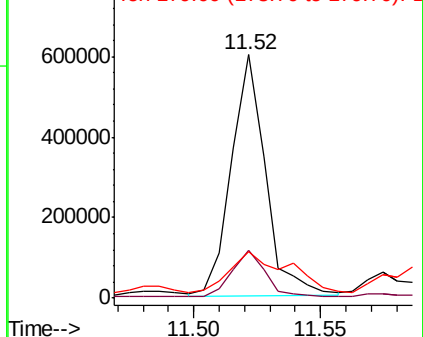
179 18.9 12.5 18.7#

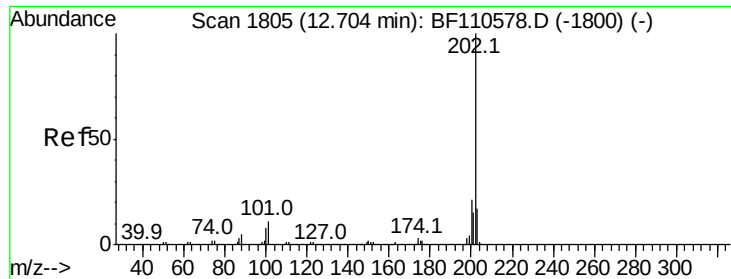


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.590 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110944.D

Acq: 23 Nov 2018 15:18

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-A

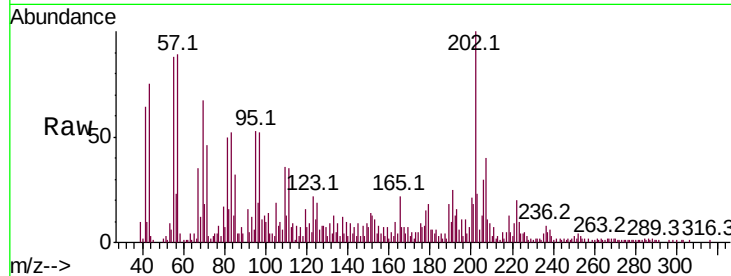
Tot Ion:202 Resp: 38524

Ion Ratio Lower Upper

202 100

101 14.1 0.0 31.4

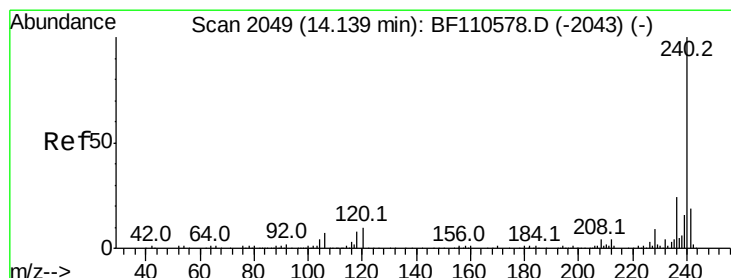
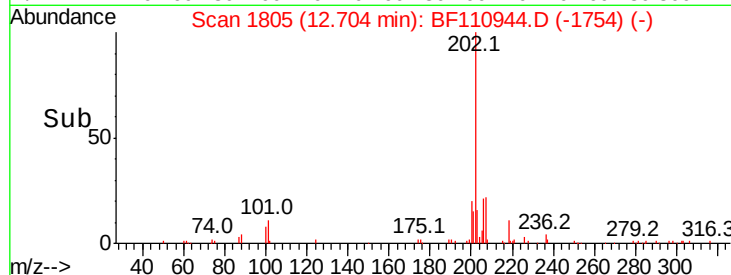
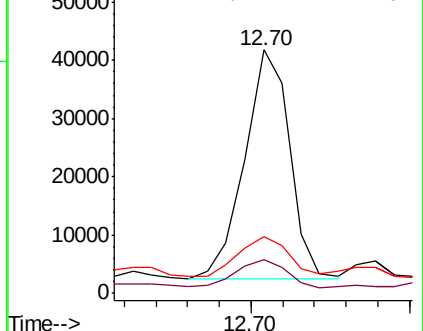
203 23.2 0.0 37.7



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: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110944.D

Acq: 23 Nov 2018 15:18

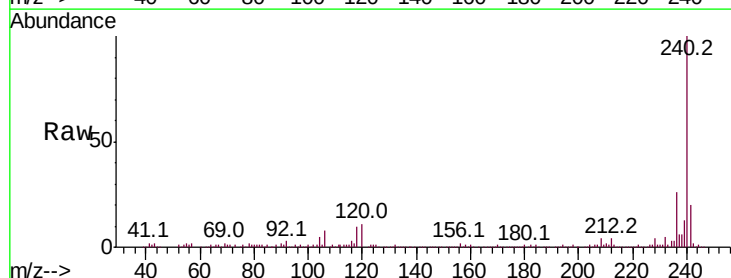
Tgt Ion:240 Resp: 159841

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

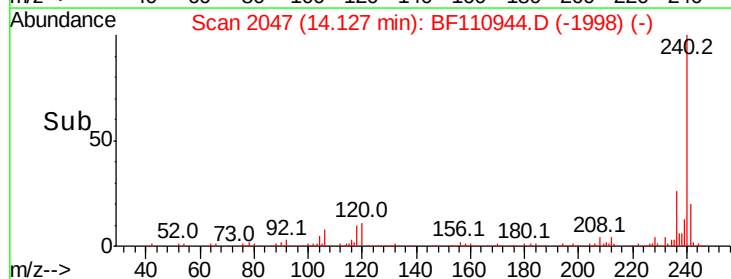
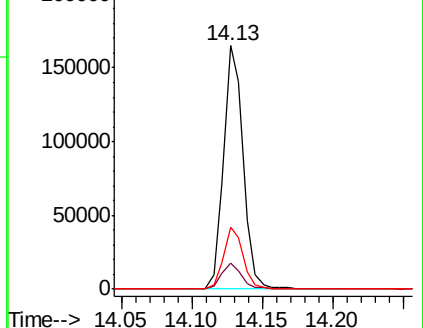
236 25.5 21.2 31.8

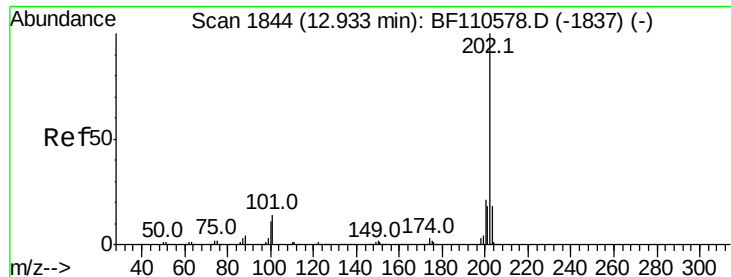


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 4.796 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF110944.D

Acq: 23 Nov 2018 15:18

Instrument :

BNA_F

ClientSampleId :

NON-UST-03R-A

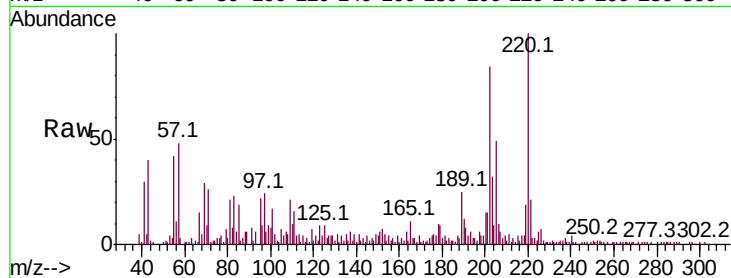
Tot Ion:202 Resp: 59028

Ion Ratio Lower Upper

202 100

200 17.5 17.8 26.6#

203 37.7 14.2 21.4#

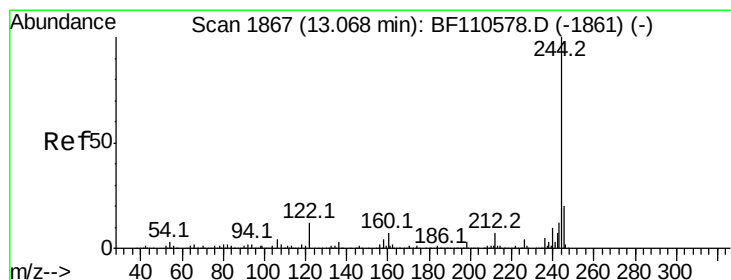
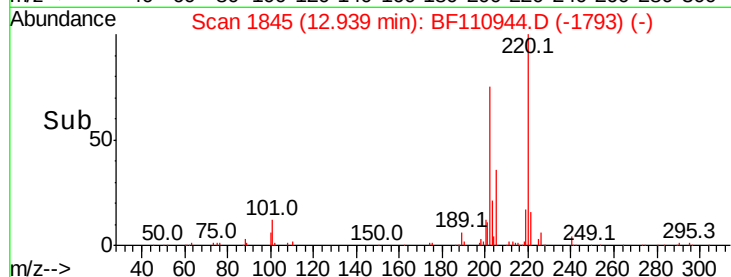
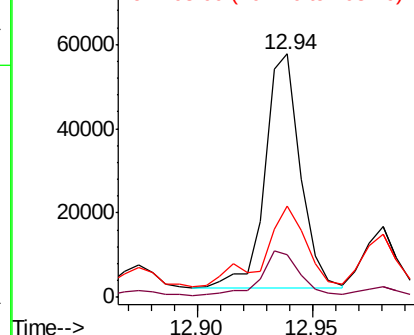


Abundance

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: 66.255 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110944.D

Acq: 23 Nov 2018 15:18

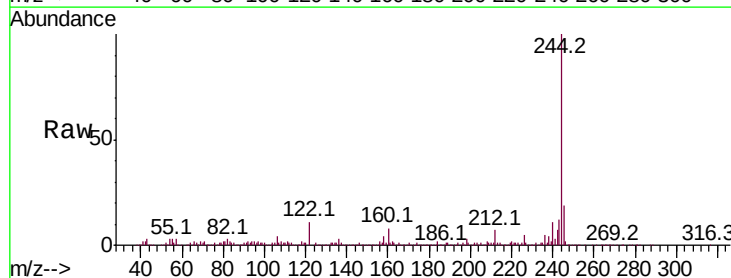
Tgt Ion:244 Resp: 565491

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.3 8.7 13.1

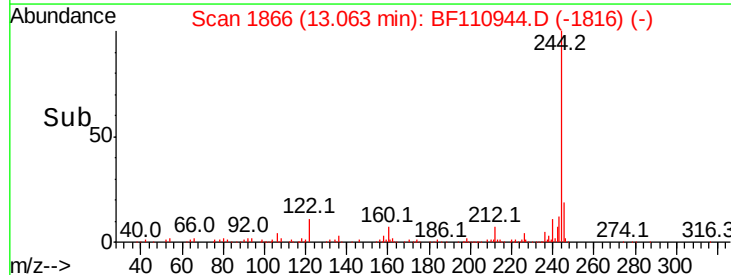
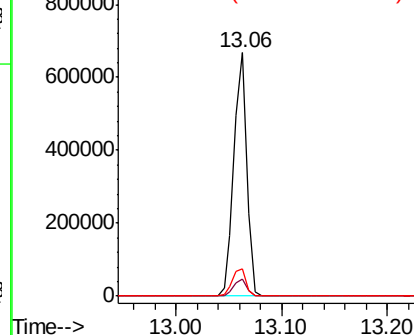


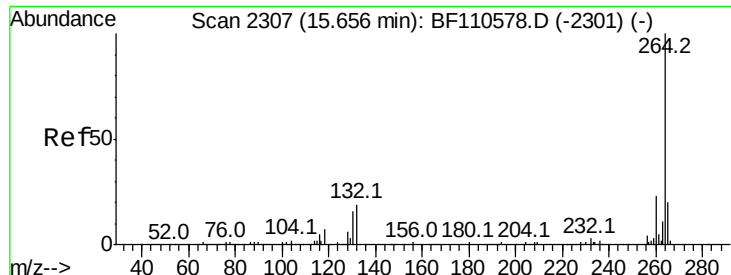
Abundance

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

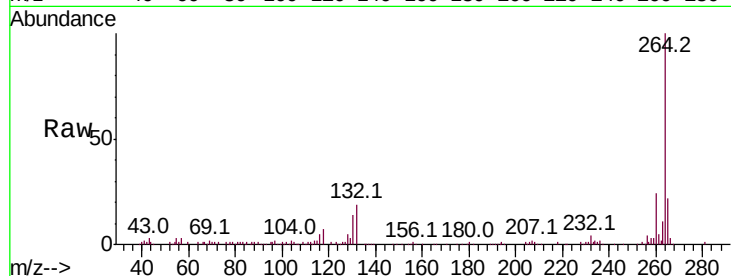




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110944.D
Acq: 23 Nov 2018 15:18

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.6	16.7	25.1



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

