

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108292.D
 Acq On : 20 Aug 2018 16:16
 Operator : JU/SJ
 Sample : J4537-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G.L.-WC-UST-01

Quant Time: Aug 20 17:03:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

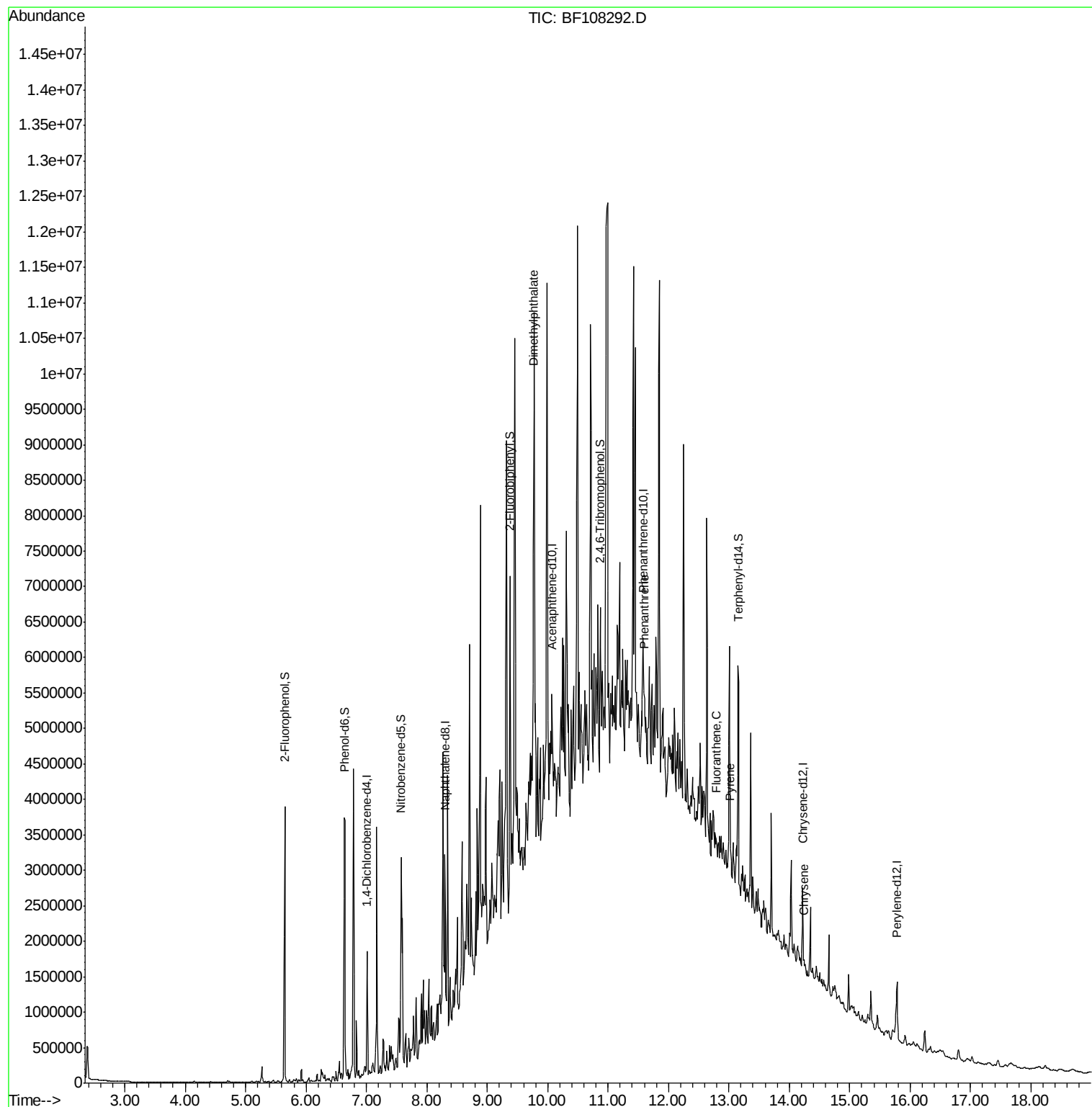
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	194635	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	688378	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	296041	20.00	ng	0.00
63) Phenanthrene-d10	11.58	188	477243	20.00	ng	0.02
75) Chrysene-d12	14.22	240	379048	20.00	ng	0.00
86) Perylene-d12	15.78	264	393494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1053194	97.97	ng	0.02
7) Phenol-d6	6.64	99	1428510	99.99	ng	0.01
23) Nitrobenzene-d5	7.58	82	920763	74.64	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	320673	108.59	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1482382	80.39	ng	0.00
78) Terphenyl-d14	13.15	244	1160726	77.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	114243	5.540	ng	# 88
70) Phenanthrene	11.60	178	74924	3.328	ng	# 73
74) Fluoranthene	12.79	202	59408	2.418	ng	# 80
77) Pyrene	13.02	202	147768	6.158	ng	# 92
82) Chrysene	14.25	228	46967	2.355	ng	# 81

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

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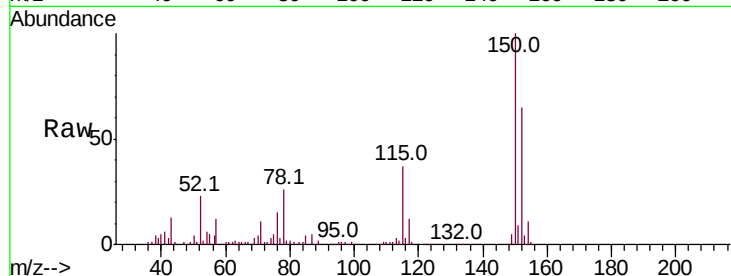


#1

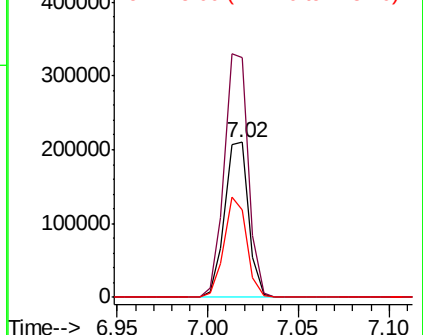
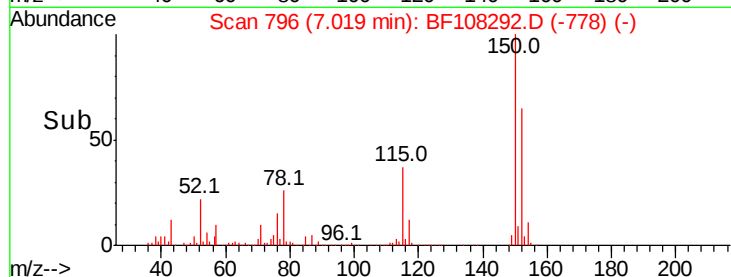
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

Tot Ion:152 Resp: 194635
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 56.7 50.1 75.1



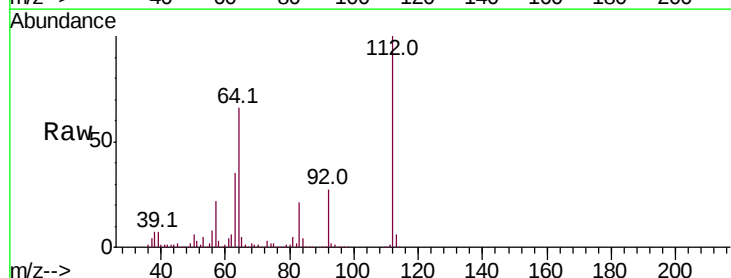
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



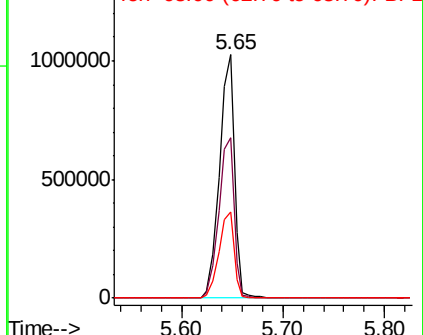
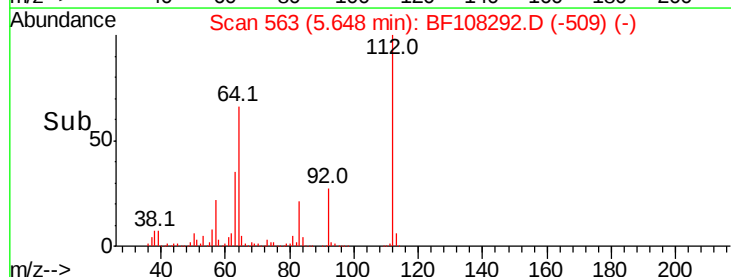
#5

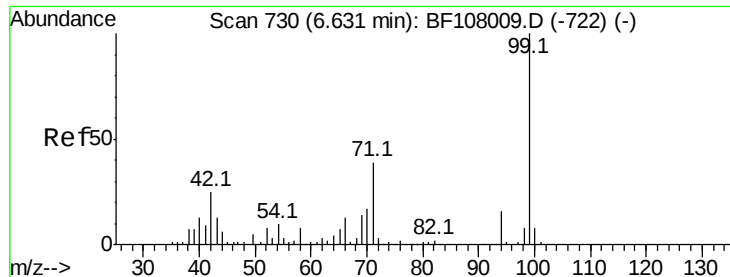
2-Fluorophenol
Concen: 97.966 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:112 Resp: 1053194
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 35.5 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: 99.993 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108292.D

Acq: 20 Aug 2018 16:16

Instrument :

BNA_F

ClientSampleId :

G.L.-WC-UST-01

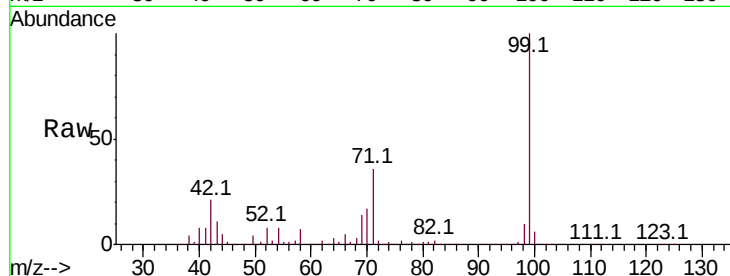
Tot Ion: 99 Resp: 1428510

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

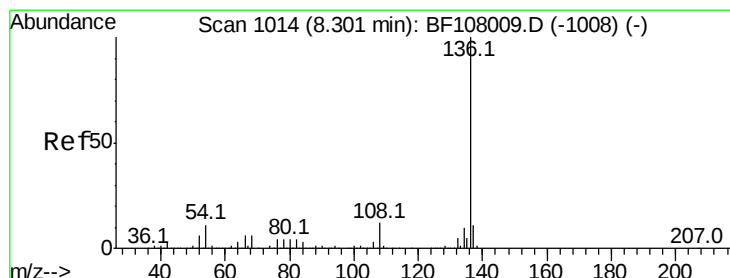
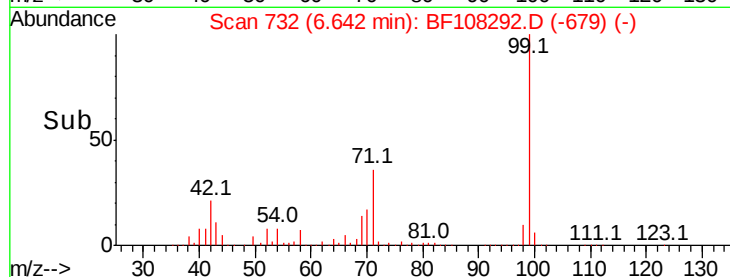
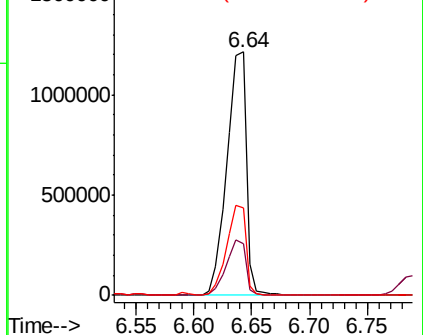
71 36.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108292.D

Acq: 20 Aug 2018 16:16

Tgt Ion: 136 Resp: 688378

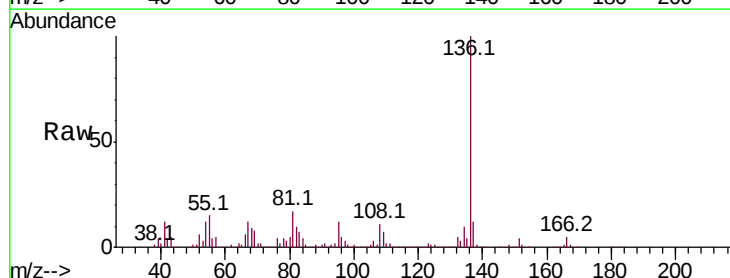
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 12.0 6.6 9.8#

68 9.0 5.0 7.4#

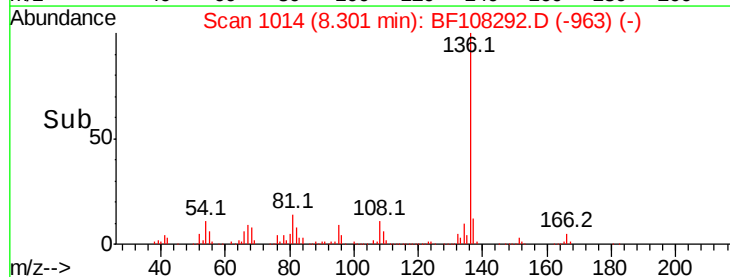
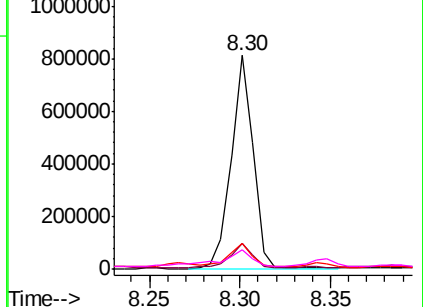


Abundance Ion 136.00 (135.70 to 136.70): E

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

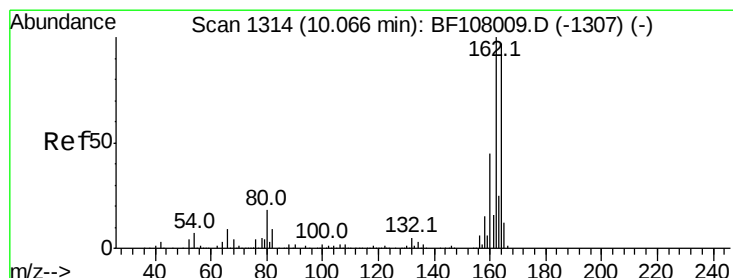
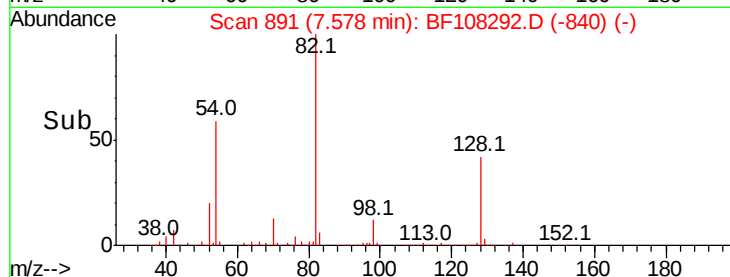
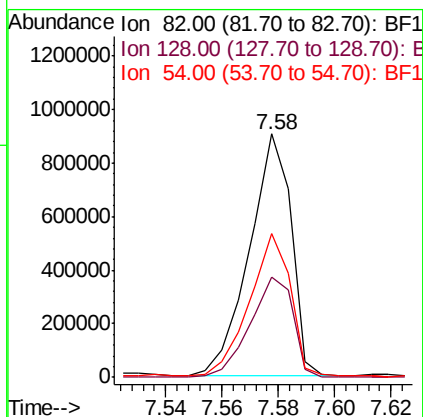
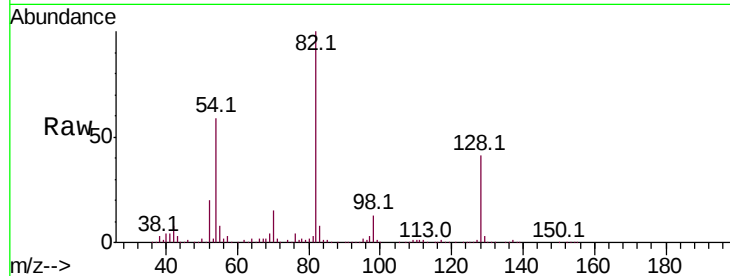




#23
 Nitrobenzene-d5
 Concen: 74.639 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108292.D
 Acq: 20 Aug 2018 16:16

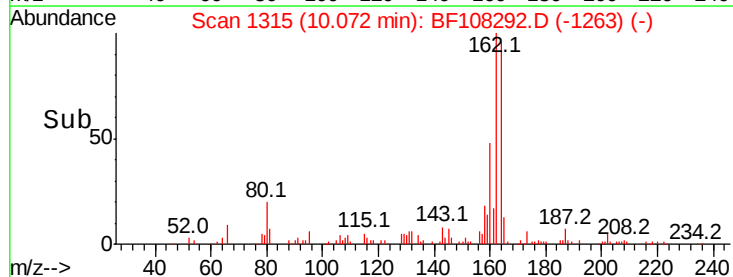
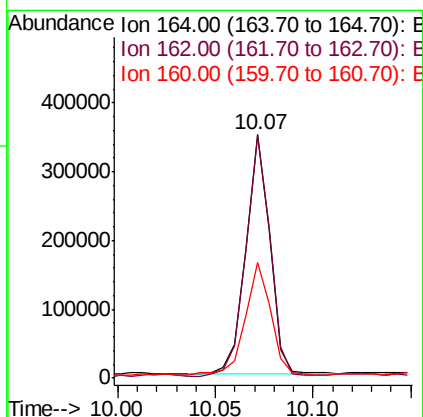
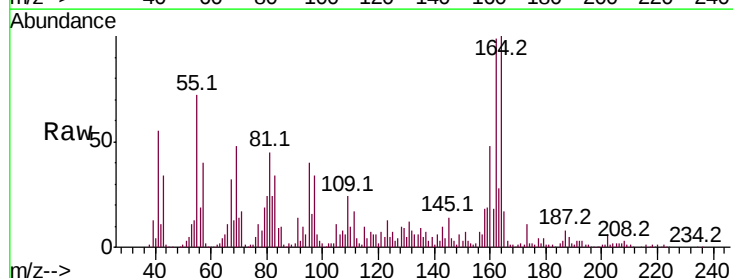
Instrument :
 BNA_F
 ClientSampleId :
 G.L.-WC-UST-01

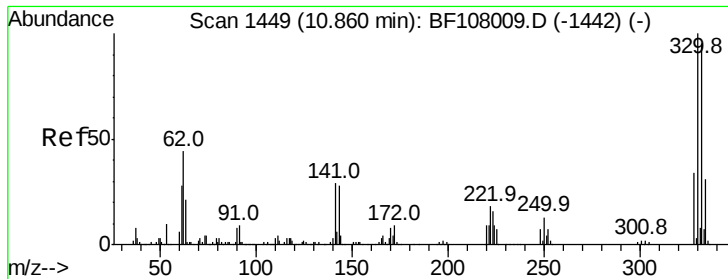
Tot Ion: 82 Resp: 920763
 Ion Ratio Lower Upper
 82 100
 128 41.3 36.1 54.1
 54 59.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF108292.D
 Acq: 20 Aug 2018 16:16

Tgt Ion:164 Resp: 296041
 Ion Ratio Lower Upper
 164 100
 162 99.5 86.1 129.1
 160 47.7 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 108.595 ng

RT: 10.87 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF108292.D

Acq: 20 Aug 2018 16:16

Instrument :

BNA_F

ClientSampleId :

G.L.-WC-UST-01

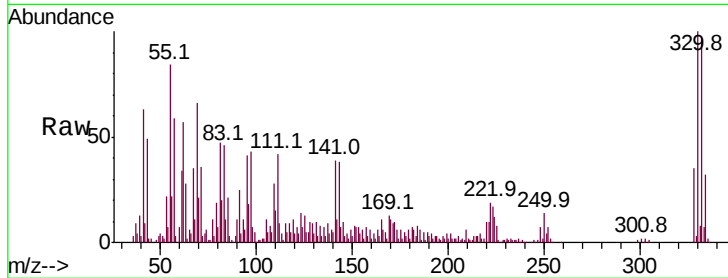
Tot Ion:330 Resp: 320673

Ion Ratio Lower Upper

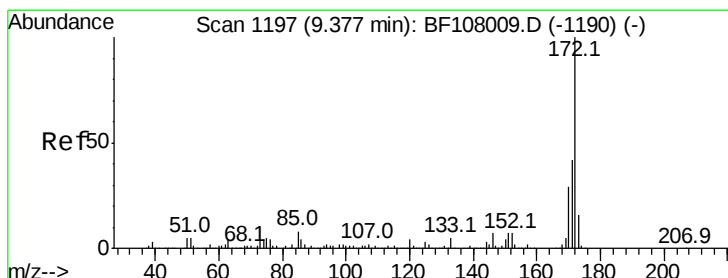
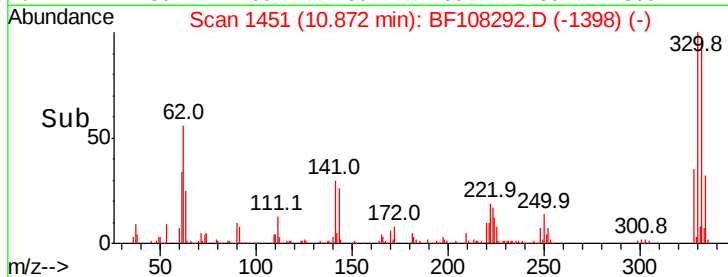
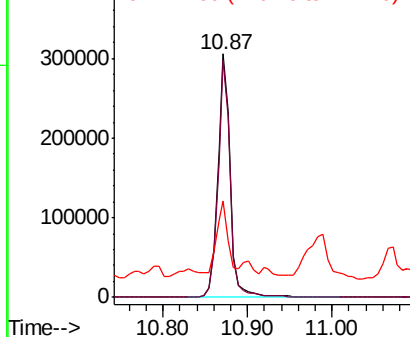
330 100

332 95.9 77.0 115.6

141 26.4 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: 80.392 ng

RT: 9.38 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF108292.D

Acq: 20 Aug 2018 16:16

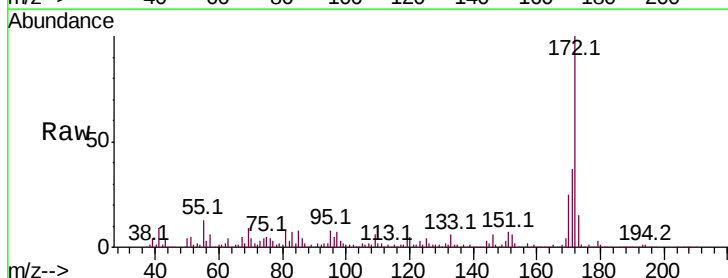
Tgt Ion:172 Resp: 1482382

Ion Ratio Lower Upper

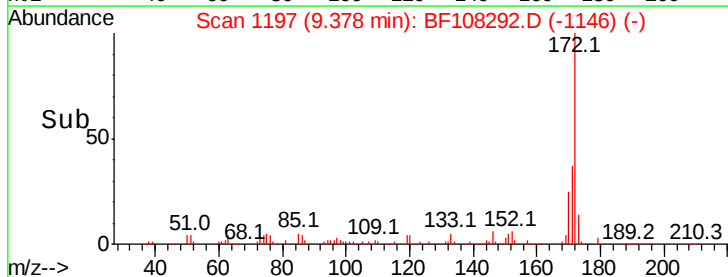
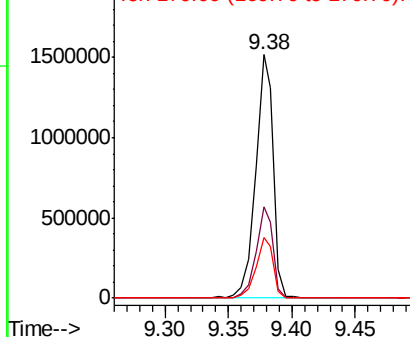
172 100

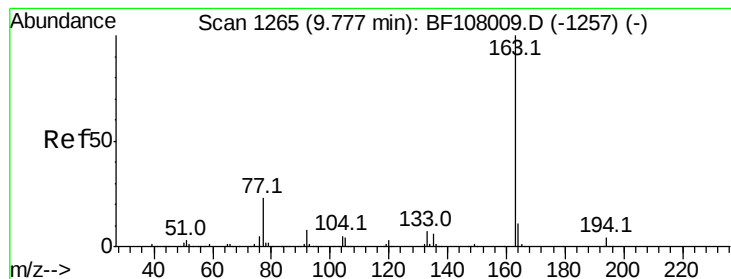
171 37.5 29.7 44.5

170 25.0 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: 5.540 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108292.D

Acq: 20 Aug 2018 16:16

Instrument :

BNA_F

ClientSampleId :

G.L.-WC-UST-01

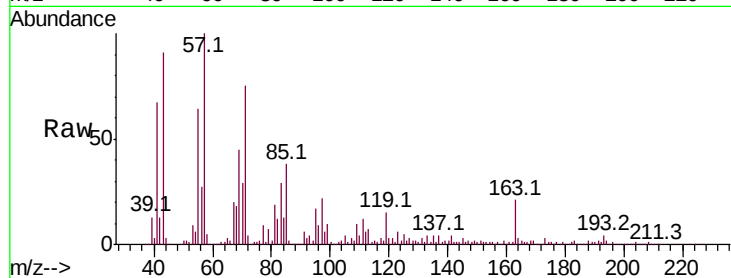
Tot Ion:163 Resp: 114243

Ion Ratio Lower Upper

163 100

194 11.3 2.7 4.1#

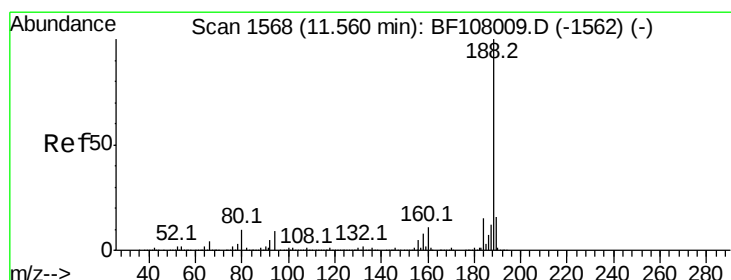
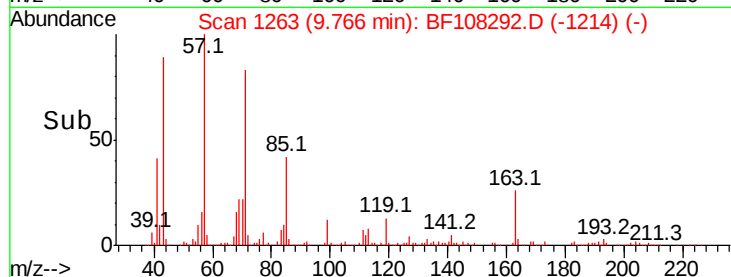
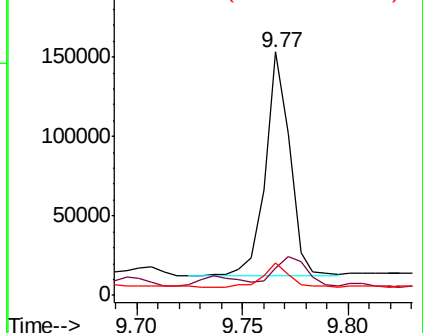
164 13.3 8.2 12.2#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.02 min

Lab File: BF108292.D

Acq: 20 Aug 2018 16:16

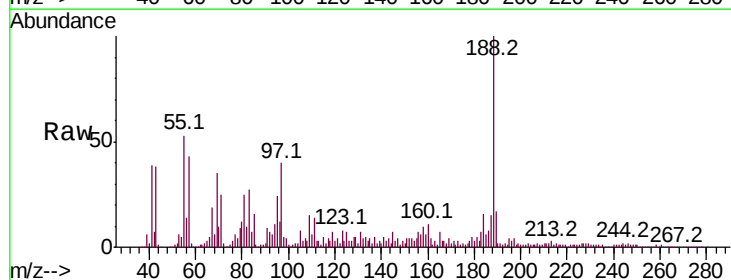
Tgt Ion:188 Resp: 477243

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

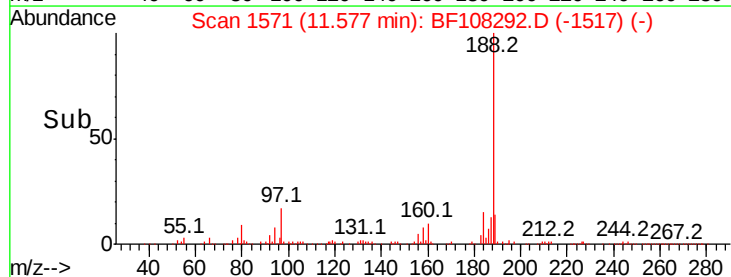
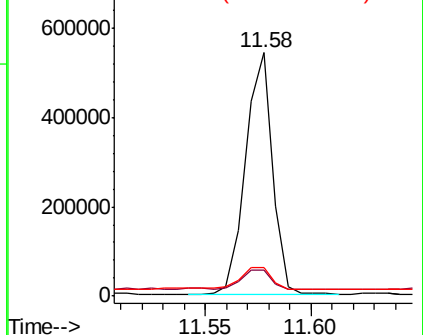
80 11.7 9.2 13.8

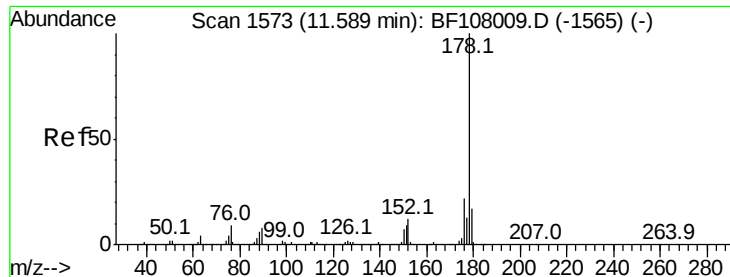


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

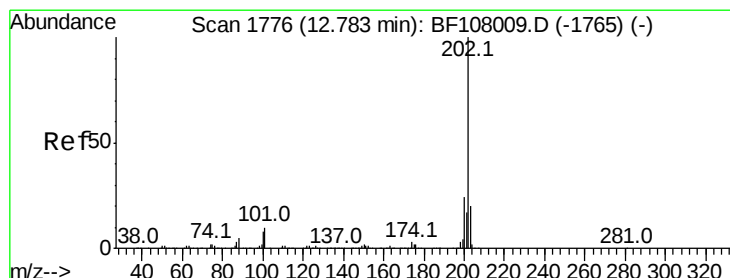
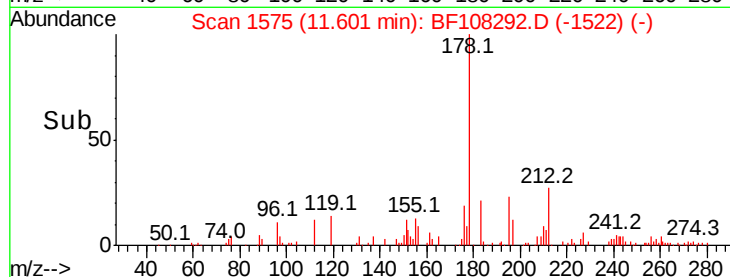
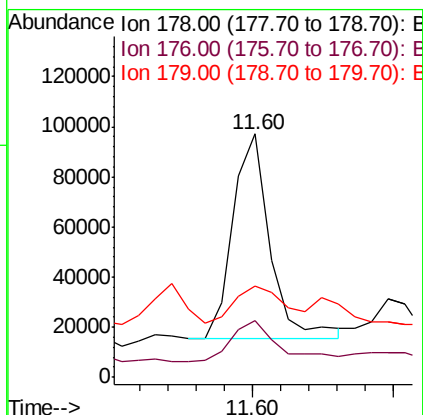
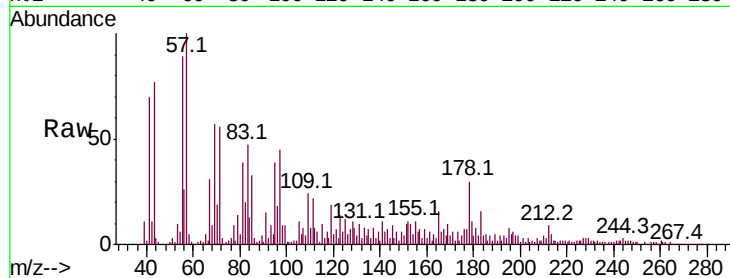




#70
Phenanthrene
Concen: 3.328 ng
RT: 11.60 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

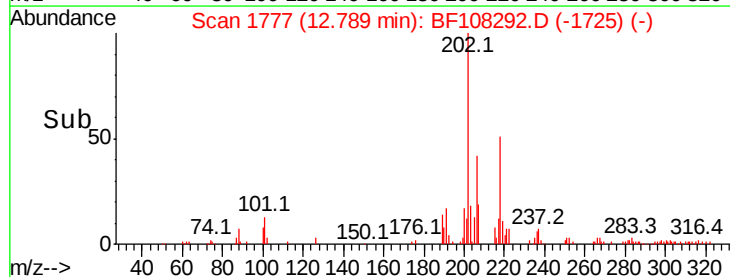
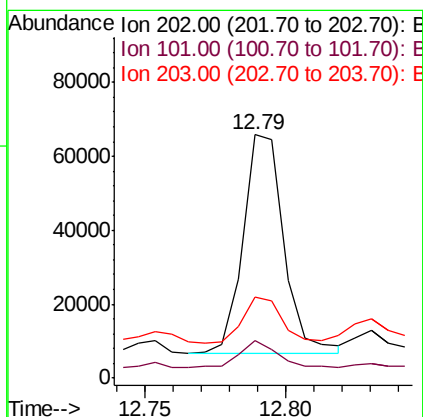
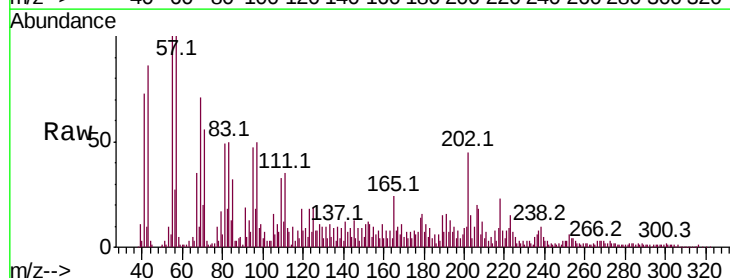
Instrument :
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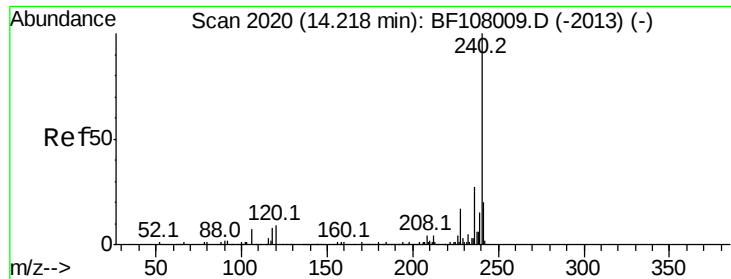
Tot Ion:178 Resp: 74924
Ion Ratio Lower Upper
178 100
176 23.3 15.8 23.8
179 37.4 13.0 19.6#



#74
Fluoranthene
Concen: 2.418 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:202 Resp: 59408
Ion Ratio Lower Upper
202 100
101 15.3 0.0 34.1
203 33.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108292.D

Acq: 20 Aug 2018 16:16

Instrument :

BNA_F

ClientSampleId :

G.L.-WC-UST-01

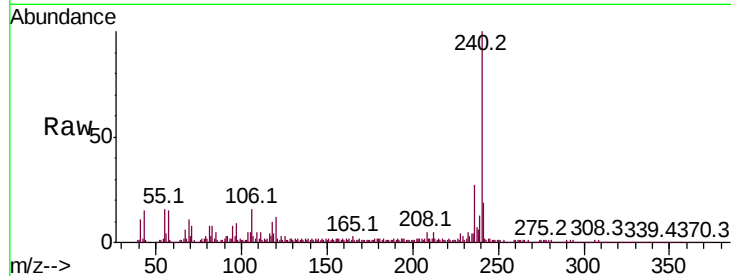
Tot Ion:240 Resp: 379048

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

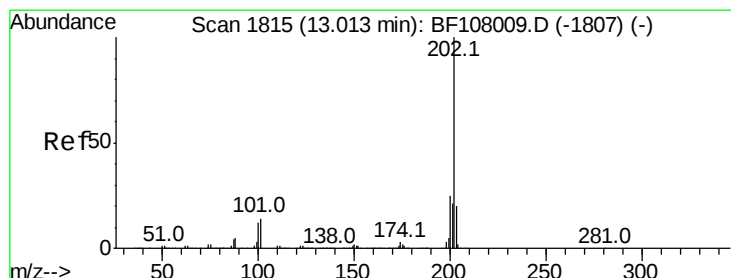
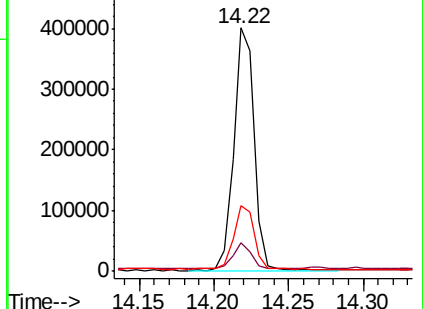
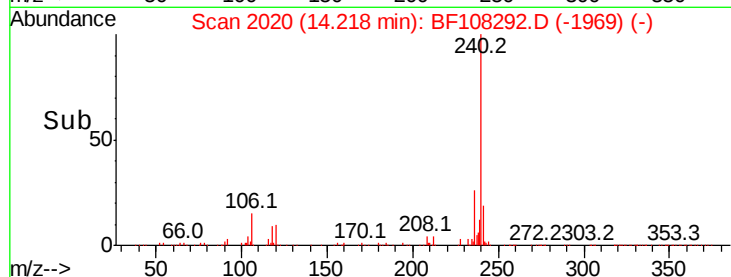
236 26.9 20.7 31.1



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



#77

Pyrene

Concen: 6.158 ng

RT: 13.02 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF108292.D

Acq: 20 Aug 2018 16:16

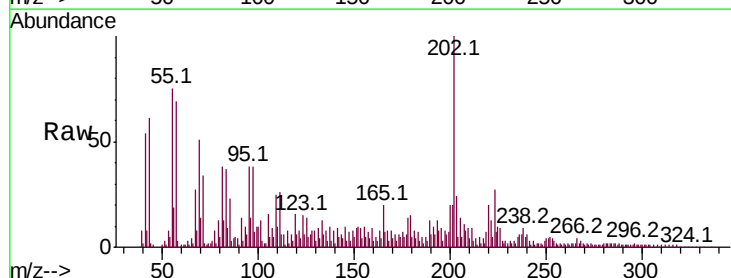
Tgt Ion:202 Resp: 147768

Ion Ratio Lower Upper

202 100

200 20.2 17.4 26.2

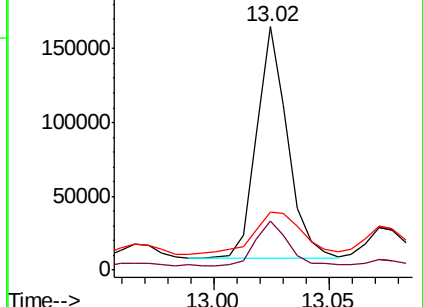
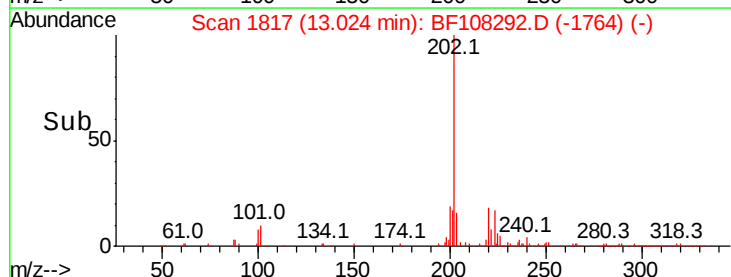
203 23.8 14.3 21.5#

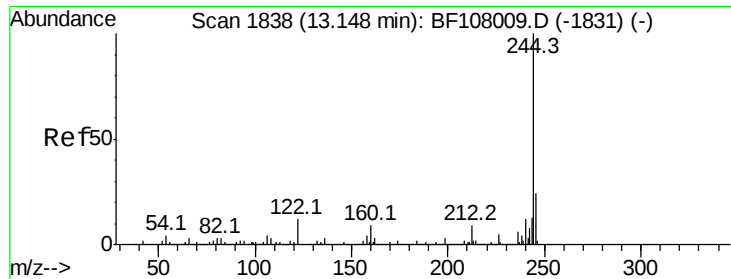


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

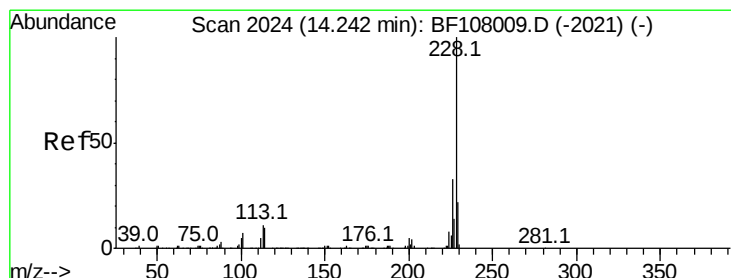
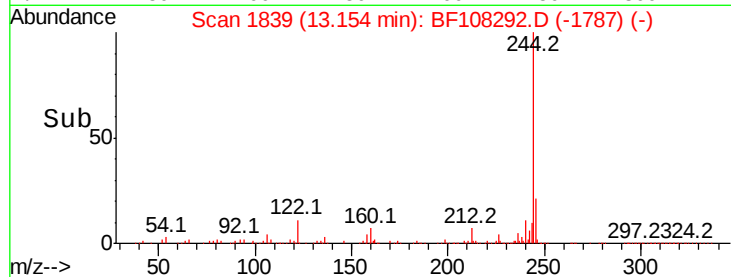
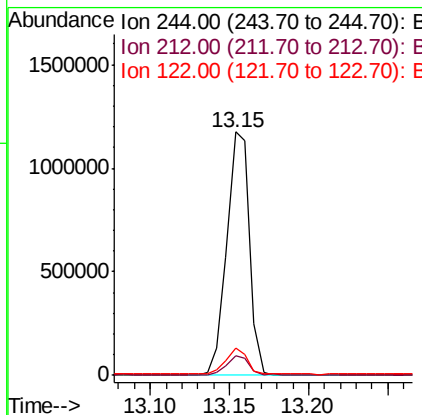
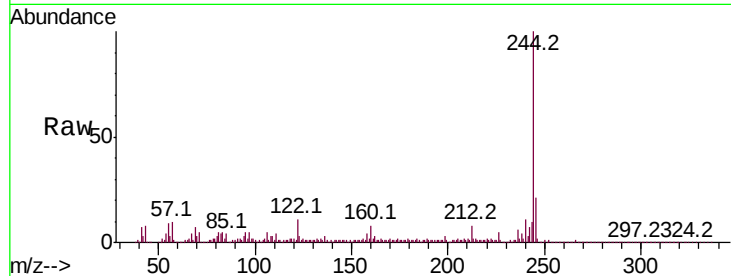




#78
 Terphenyl-d14
 Concen: 77.859 ng
 RT: 13.15 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: BF108292.D
 Acq: 20 Aug 2018 16:16

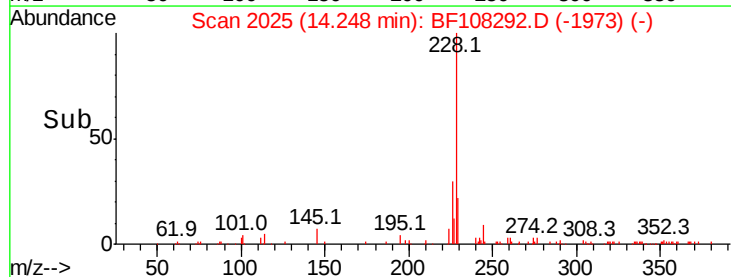
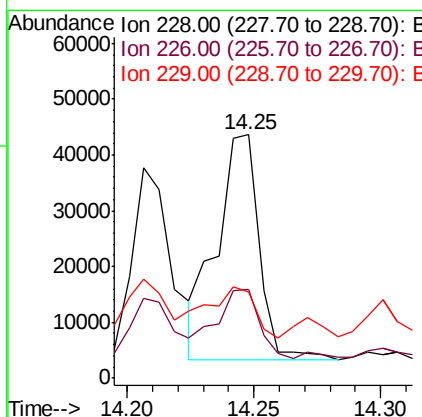
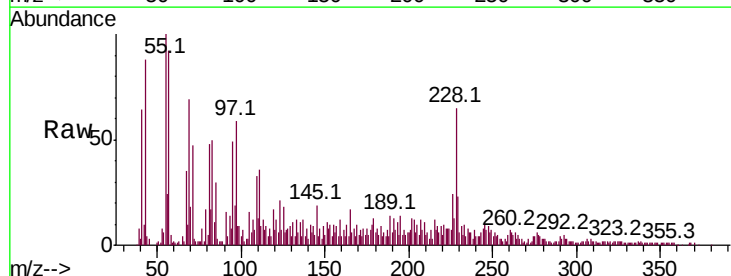
Instrument :
 BNA_F
 ClientSampleId :
 G.L.-WC-UST-01

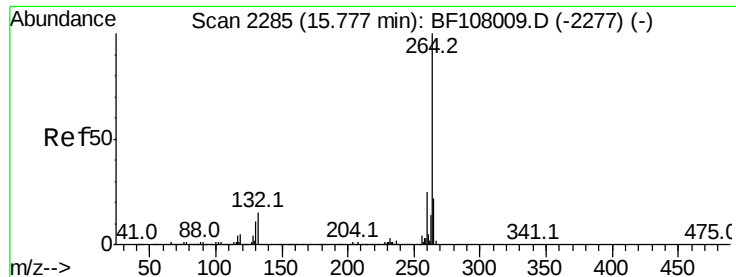
Tot Ion:244 Resp: 1160726
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.0
 122 11.1 11.0 16.4



#82
 Chrysene
 Concen: 2.355 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108292.D
 Acq: 20 Aug 2018 16:16

Tgt Ion:228 Resp: 46967
 Ion Ratio Lower Upper
 228 100
 226 36.5 25.0 37.6
 229 35.3 16.2 24.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.8	17.5	26.3

