

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108296.D
 Acq On : 20 Aug 2018 18:03
 Operator : JU/SJ
 Sample : J4537-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 20 18:52:46 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

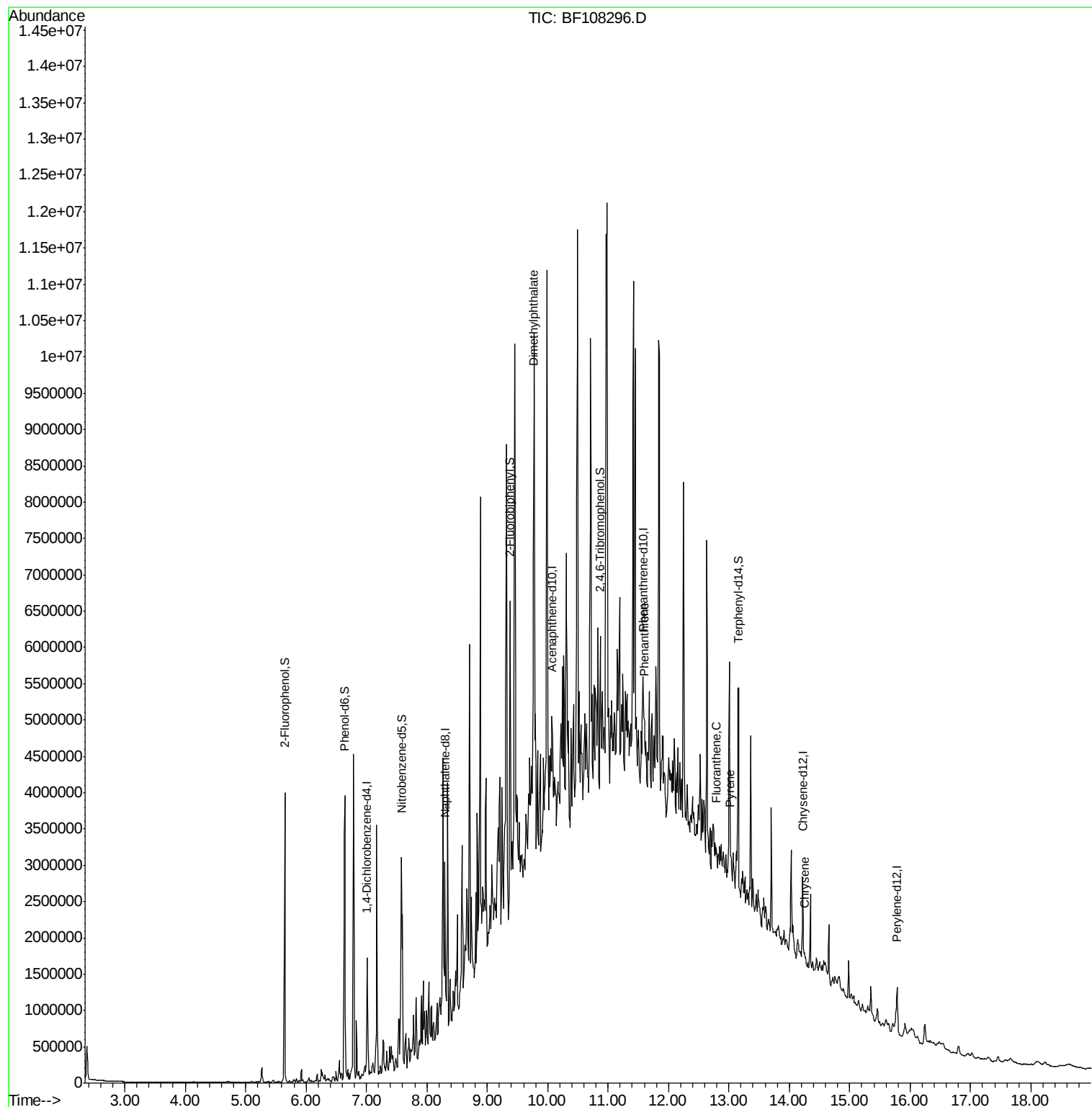
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	192570	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	656750	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	262015	20.00	ng	0.00
63) Phenanthrene-d10	11.58	188	402232	20.00	ng	0.02
75) Chrysene-d12	14.22	240	367175	20.00	ng	0.00
86) Perylene-d12	15.79	264	317973	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1026679	96.52	ng	0.02
7) Phenol-d6	6.64	99	1377106	97.43	ng	0.01
23) Nitrobenzene-d5	7.58	82	887636	75.42	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	269679	103.19	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1403431	85.99	ng	0.00
78) Terphenyl-d14	13.16	244	1071397	74.19	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.77	163	105051	5.756	ng	# 86
70) Phenanthrene	11.60	178	69098	3.642	ng	# 70
74) Fluoranthene	12.80	202	52954	2.557	ng	# 83
77) Pyrene	13.02	202	133296	5.734	ng	# 92
82) Chrysene	14.25	228	47342	2.451	ng	# 85

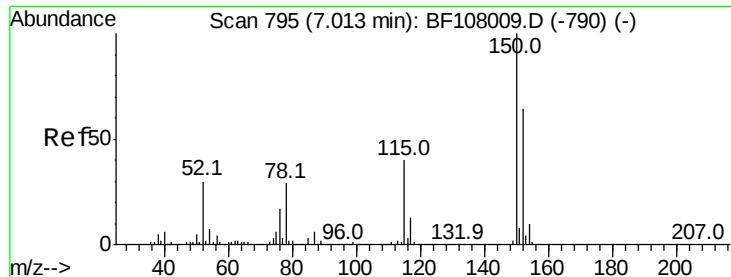
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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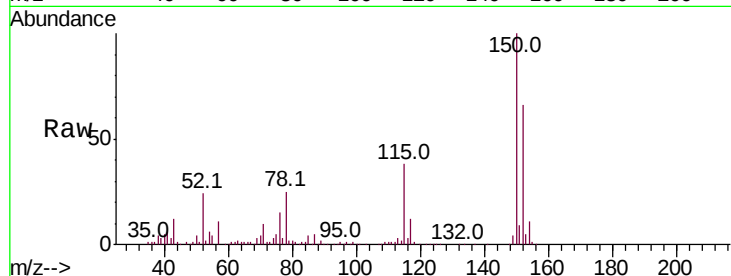


#1

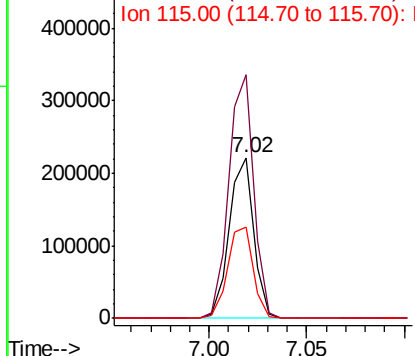
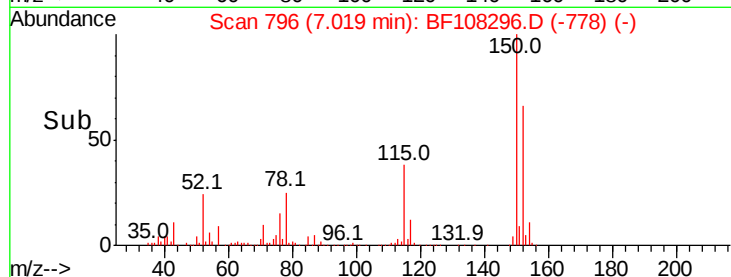
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

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

Tot Ion:152 Resp: 192570
Ion Ratio Lower Upper
152 100
150 151.6 124.6 186.8
115 57.0 50.1 75.1



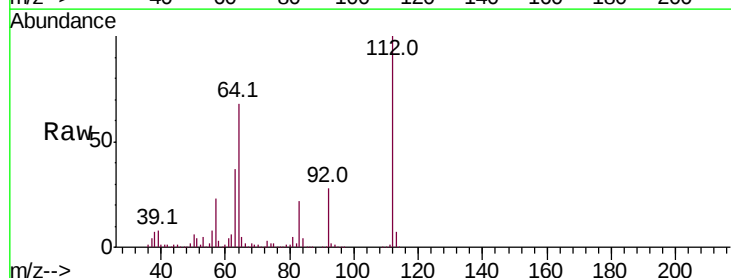
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



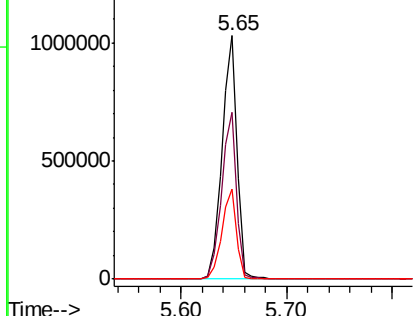
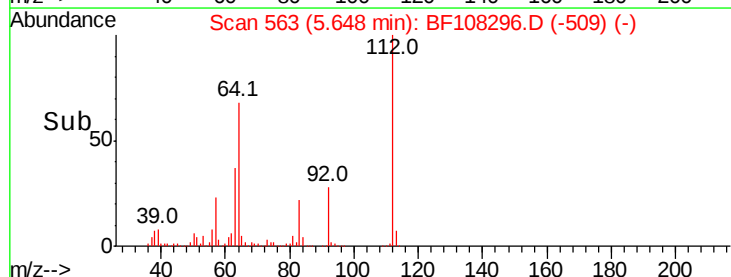
#5

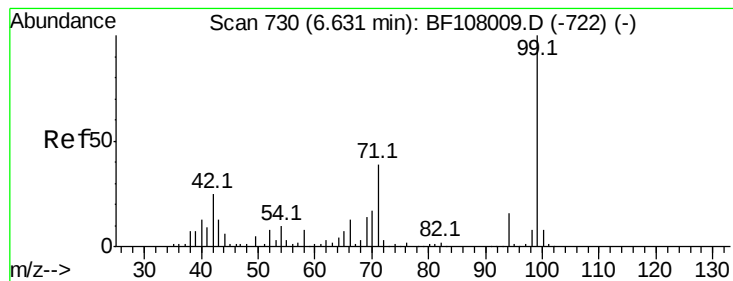
2-Fluorophenol
Concen: 96.524 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:112 Resp: 1026679
Ion Ratio Lower Upper
112 100
64 68.4 47.9 71.9
63 36.7 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: 97.428 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108296.D

Acq: 20 Aug 2018 18:03

Instrument :

BNA_F

ClientSampleId :

G.L.-WC-UST-01RE

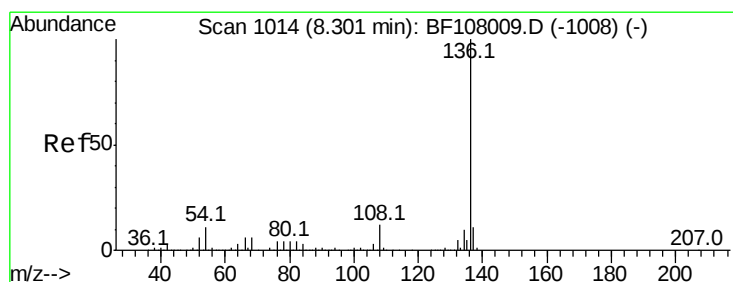
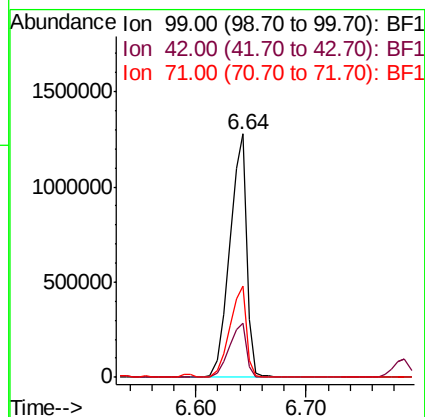
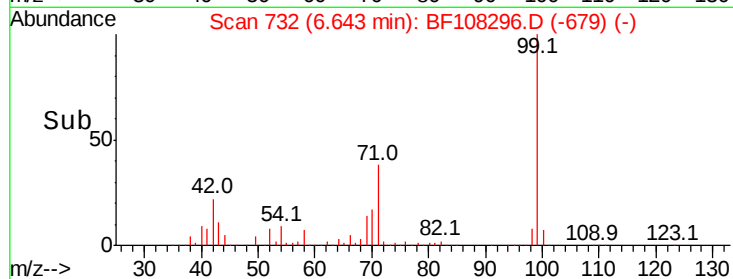
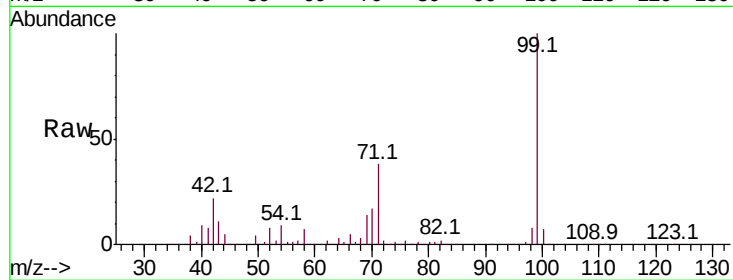
Tot Ion: 99 Resp: 1377106

Ion Ratio Lower Upper

99 100

42 22.4 14.5 21.7#

71 37.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108296.D

Acq: 20 Aug 2018 18:03

Tgt Ion: 136 Resp: 656750

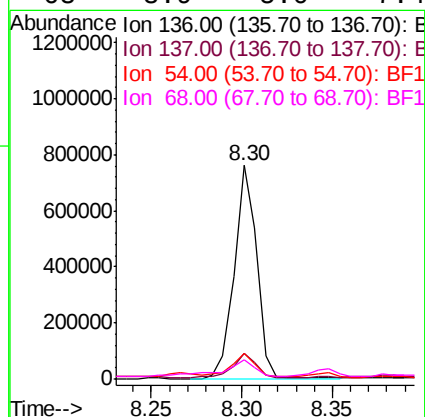
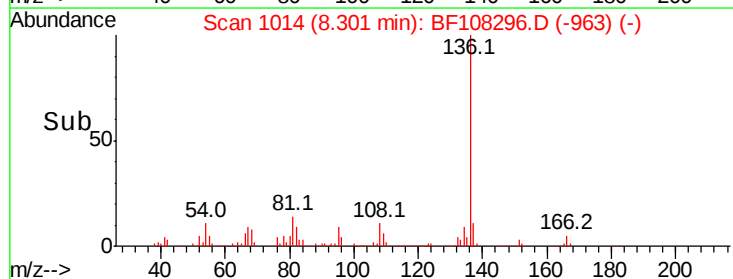
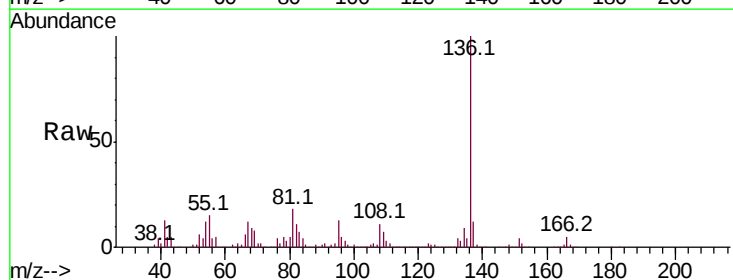
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 12.1 6.6 9.8#

68 8.9 5.0 7.4#

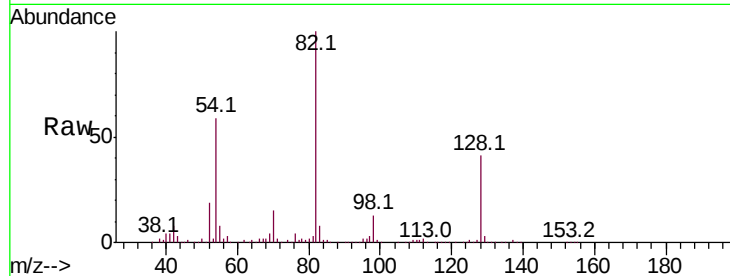




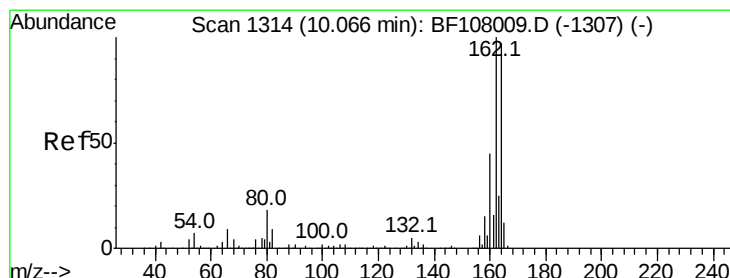
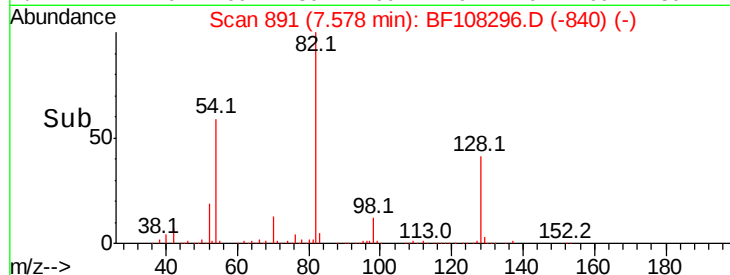
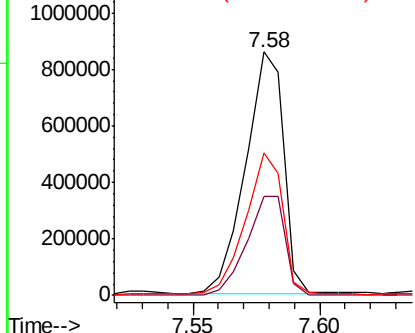
#23
 Nitrobenzene-d5
 Concen: 75.419 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108296.D
 Acq: 20 Aug 2018 18:03

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

Tot Ion: 82 Resp: 887636
 Ion Ratio Lower Upper
 82 100
 128 40.8 36.1 54.1
 54 58.6 41.4 62.2

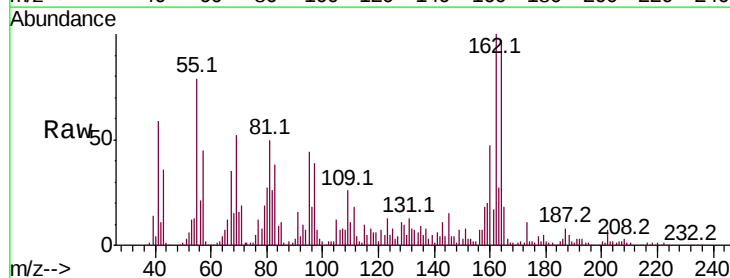


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

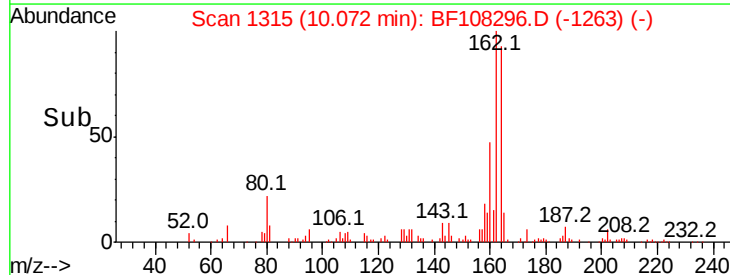
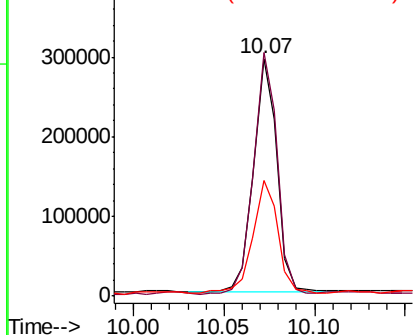


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF108296.D
 Acq: 20 Aug 2018 18:03

Tgt Ion:164 Resp: 262015
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 48.7 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

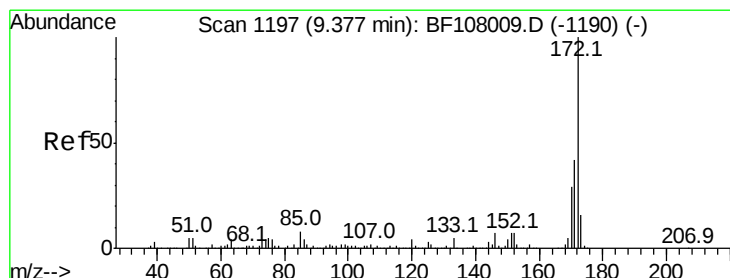
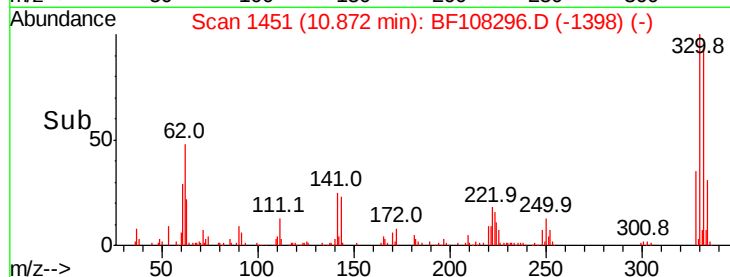
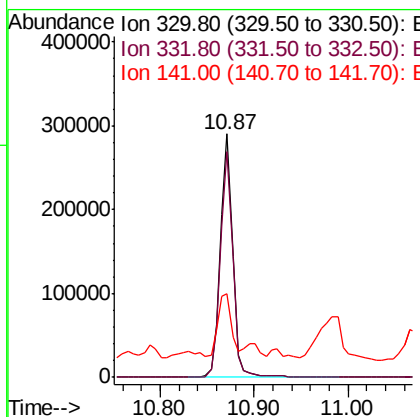
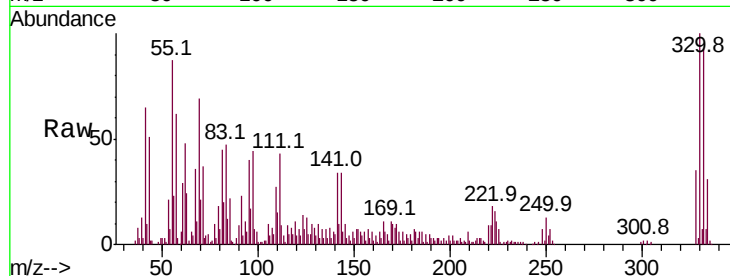




#41
 2,4,6-Tribromophenol
 Concen: 103.186 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF108296.D
 Acq: 20 Aug 2018 18:03

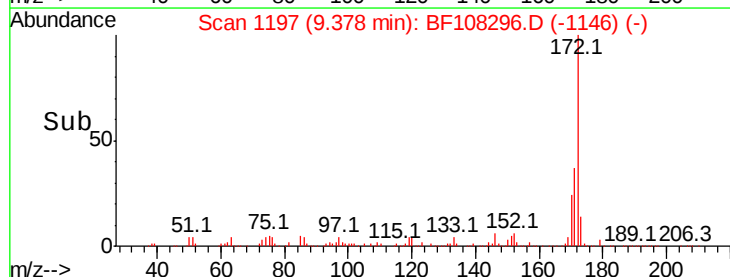
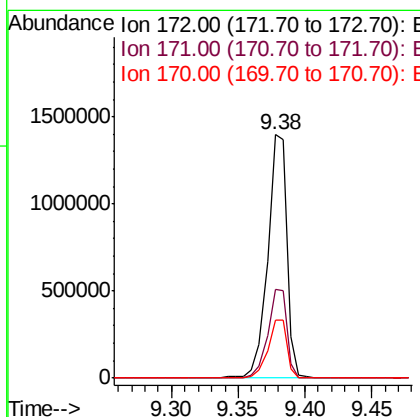
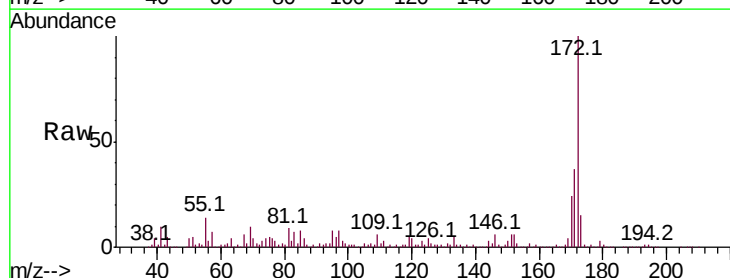
Instrument :
 BNA_F
 ClientSampleId :
 G.L.-WC-UST-01RE

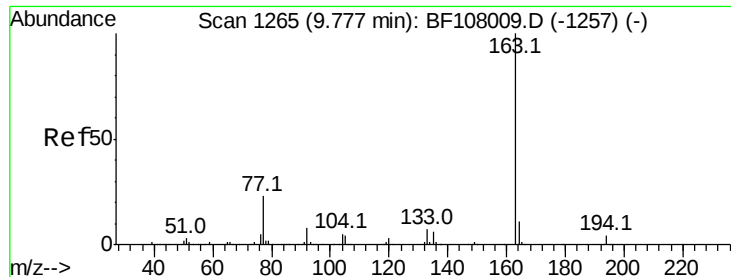
Tot Ion:330 Resp: 269679
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 28.4 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 85.994 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108296.D
 Acq: 20 Aug 2018 18:03

Tgt Ion:172 Resp: 1403431
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.7 19.6 29.4

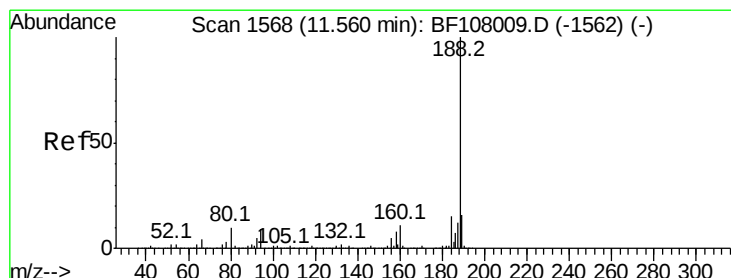
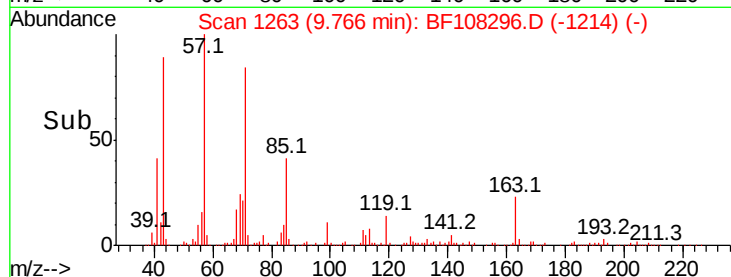
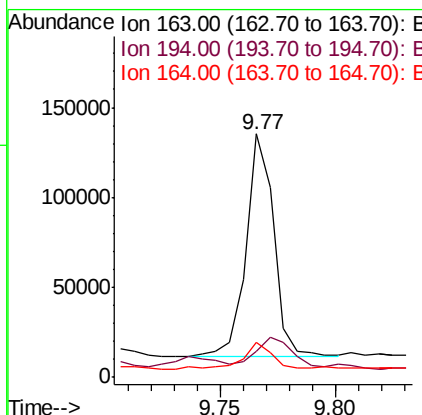
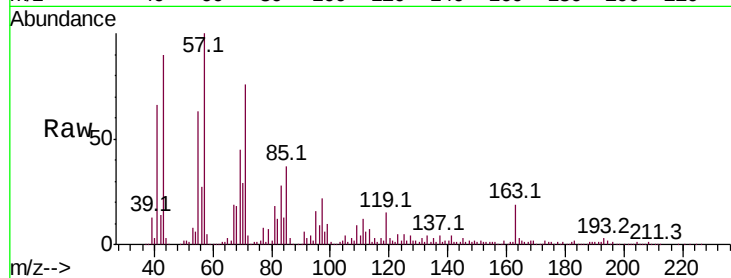




#49
Dimethylphthalate
Concen: 5.756 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

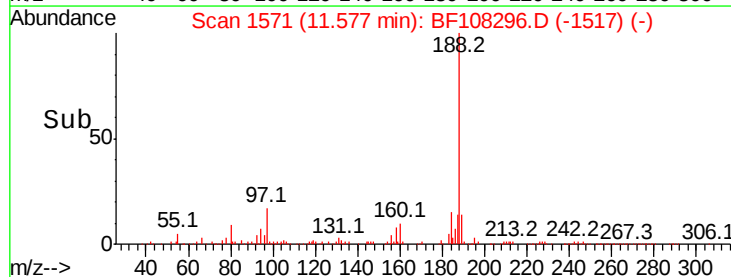
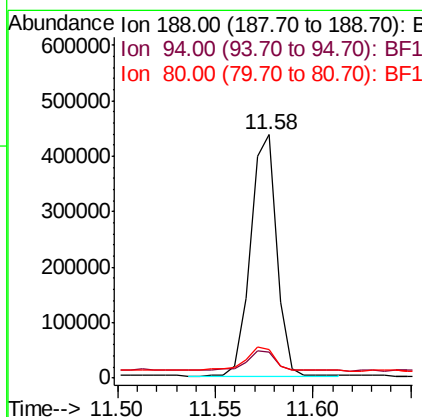
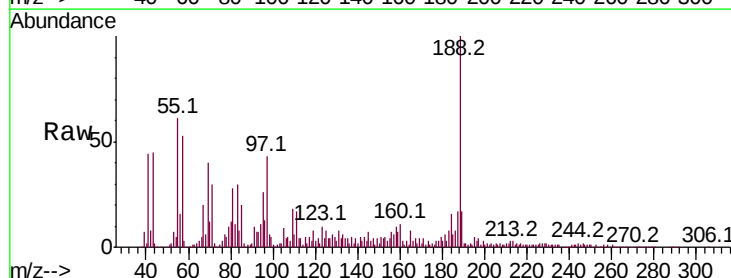
Instrument :
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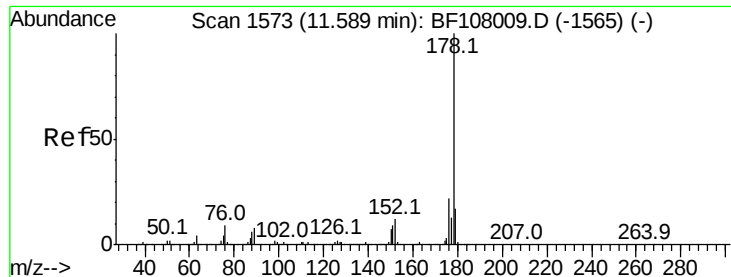
Tot Ion:163 Resp: 105051
Ion Ratio Lower Upper
163 100
194 10.6 2.7 4.1#
164 14.3 8.2 12.2#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:188 Resp: 402232
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.6 9.2 13.8





#70

Phenanthrene

Concen: 3.642 ng

RT: 11.60 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF108296.D

Acq: 20 Aug 2018 18:03

Instrument :

BNA_F

ClientSampleId :

G.L.-WC-UST-01RE

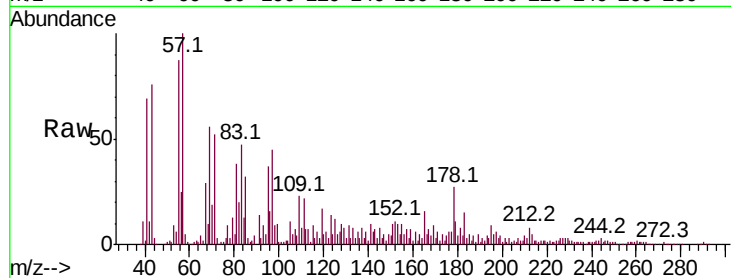
Tot Ion:178 Resp: 69098

Ion Ratio Lower Upper

178 100

176 24.0 15.8 23.8#

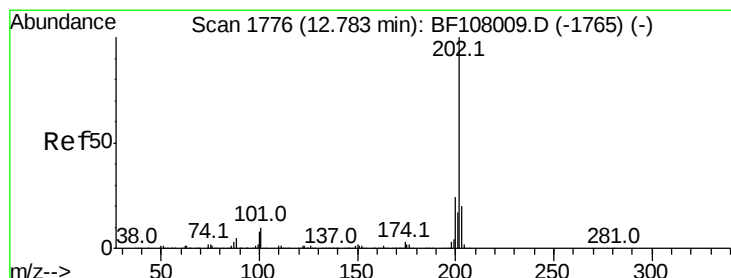
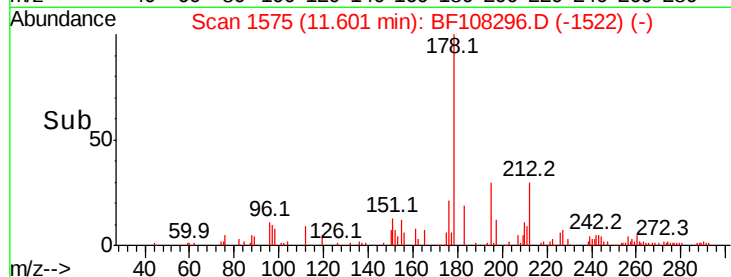
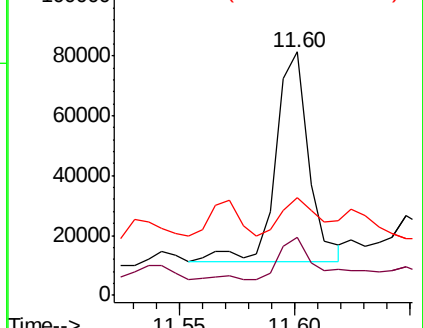
179 40.3 13.0 19.6#



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: 2.557 ng

RT: 12.80 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF108296.D

Acq: 20 Aug 2018 18:03

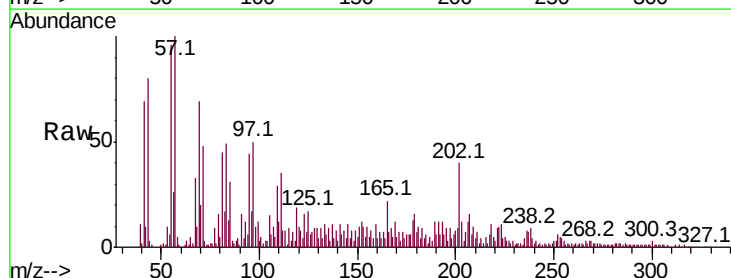
Tgt Ion:202 Resp: 52954

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

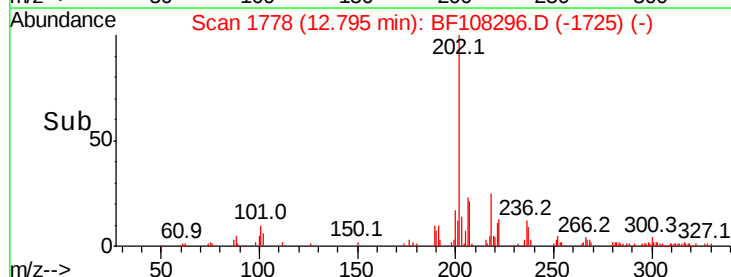
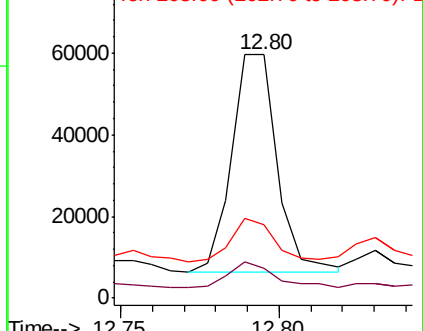
203 30.1 0.0 38.1

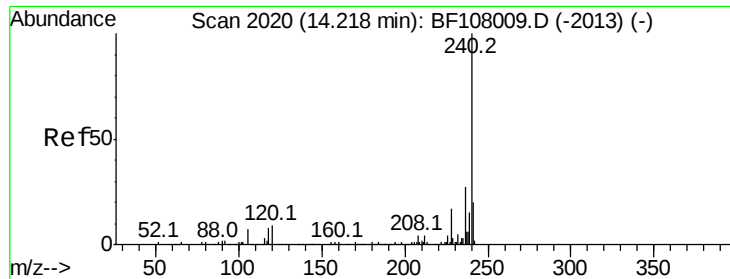


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108296.D

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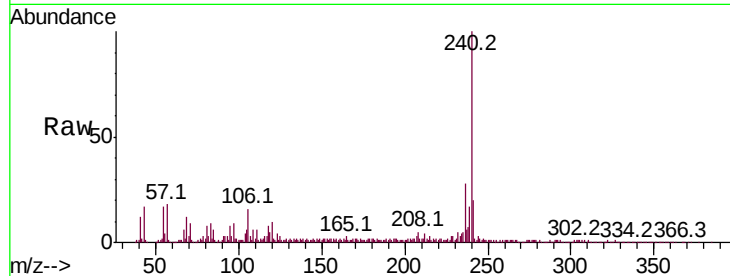
Tot Ion:240 Resp: 367175

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

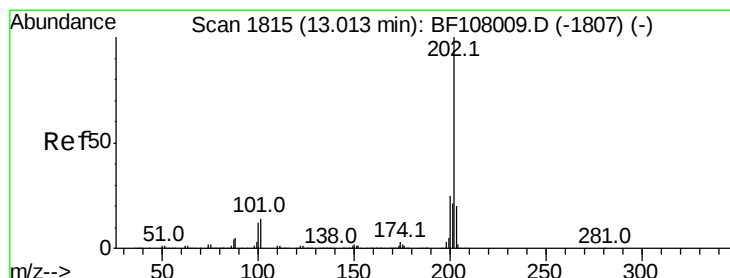
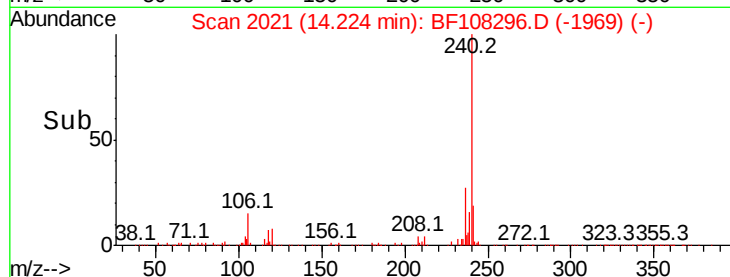
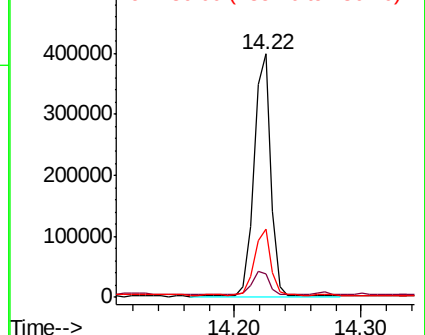
236 28.0 20.7 31.1



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: 5.734 ng

RT: 13.02 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF108296.D

Acq: 20 Aug 2018 18:03

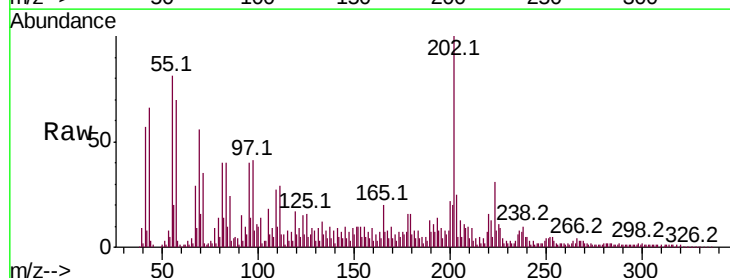
Tgt Ion:202 Resp: 133296

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

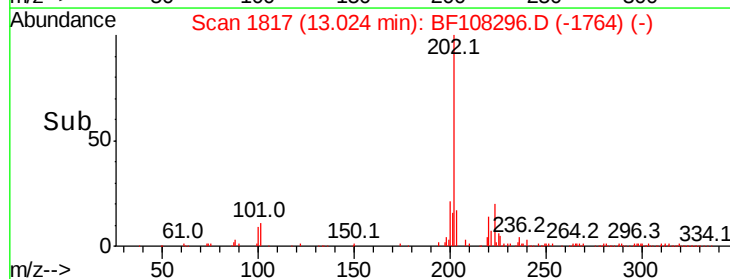
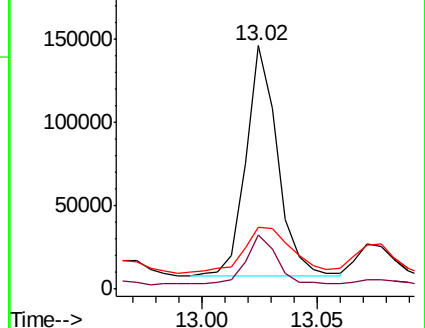
203 25.3 14.3 21.5#

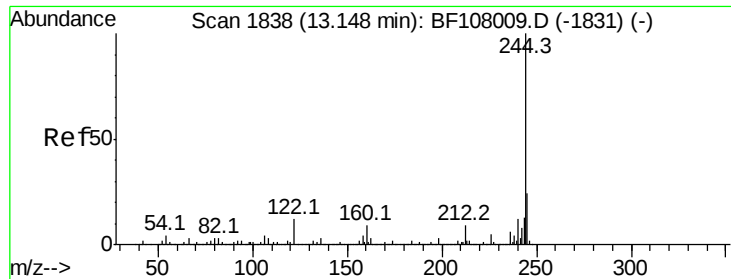


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.191 ng

RT: 13.16 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF108296.D

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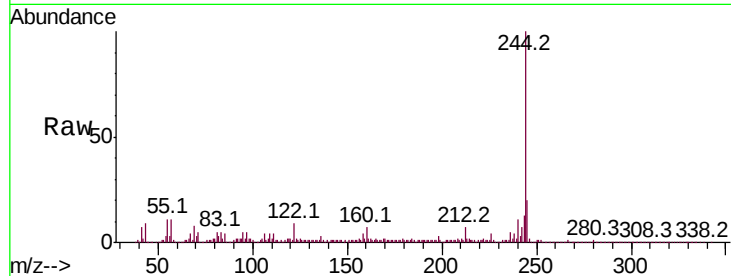
Tot Ion:244 Resp: 1071397

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

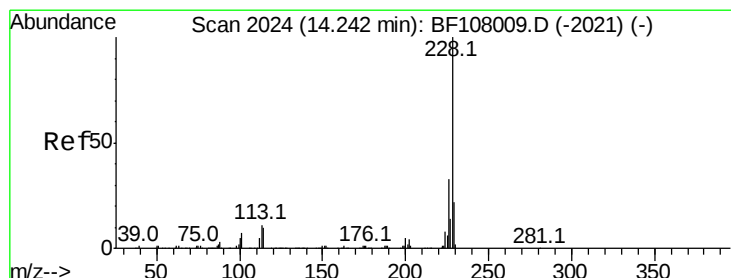
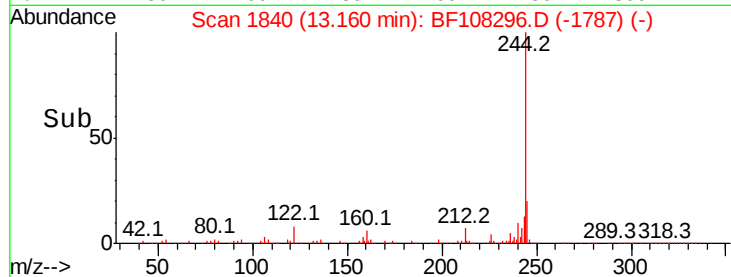
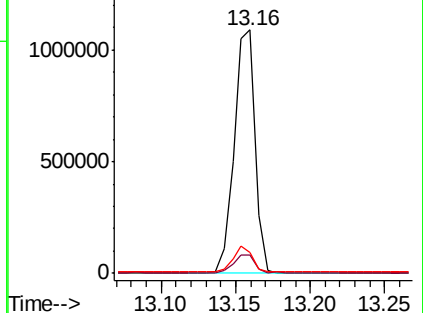
122 8.8 11.0 16.4#



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



#82

Chrysene

Concen: 2.451 ng

RT: 14.25 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF108296.D

Acq: 20 Aug 2018 18:03

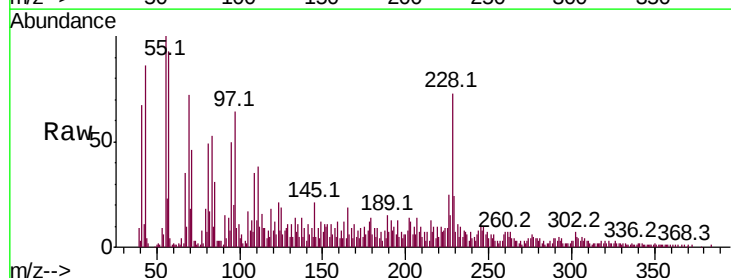
Tgt Ion:228 Resp: 47342

Ion Ratio Lower Upper

228 100

226 34.5 25.0 37.6

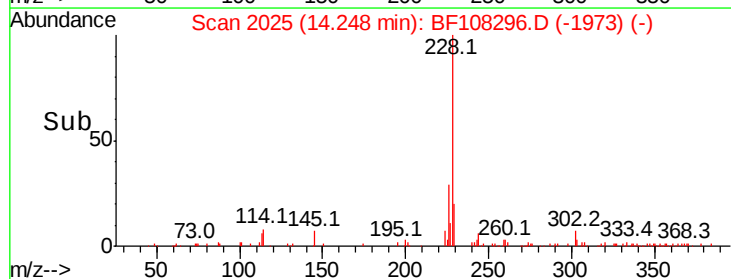
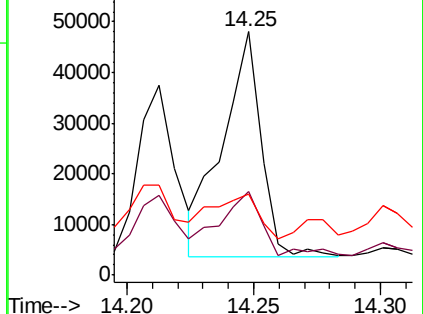
229 33.3 16.2 24.4#

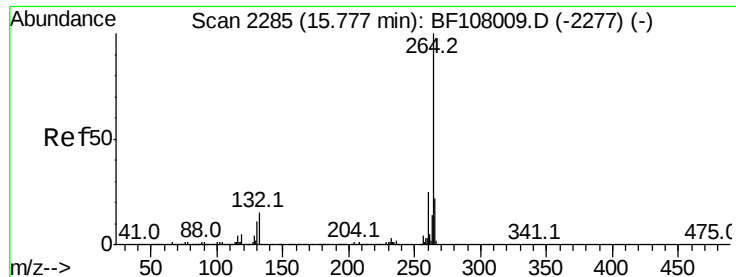


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.79 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF108296.D
 Acq: 20 Aug 2018 18:03

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.1	17.5	26.3

