

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036624.D
 Acq On : 8 Sep 2018 9:17
 Operator : JU/SJ
 Sample : J4779-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-090618-B

Quant Time: Sep 10 01:33:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55984	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	239300	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	162893	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	412580	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	425440	20.00	ng	-0.01
86) Perylene-d12	24.90	264	348556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	358726	101.64	ng	0.00
7) Phenol-d6	7.21	99	462604	91.55	ng	0.00
23) Nitrobenzene-d5	9.22	82	367079	83.23	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	166117	85.47	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	861808	75.54	ng	0.00
78) Terphenyl-d14	20.03	244	1464786	80.47	ng	0.00

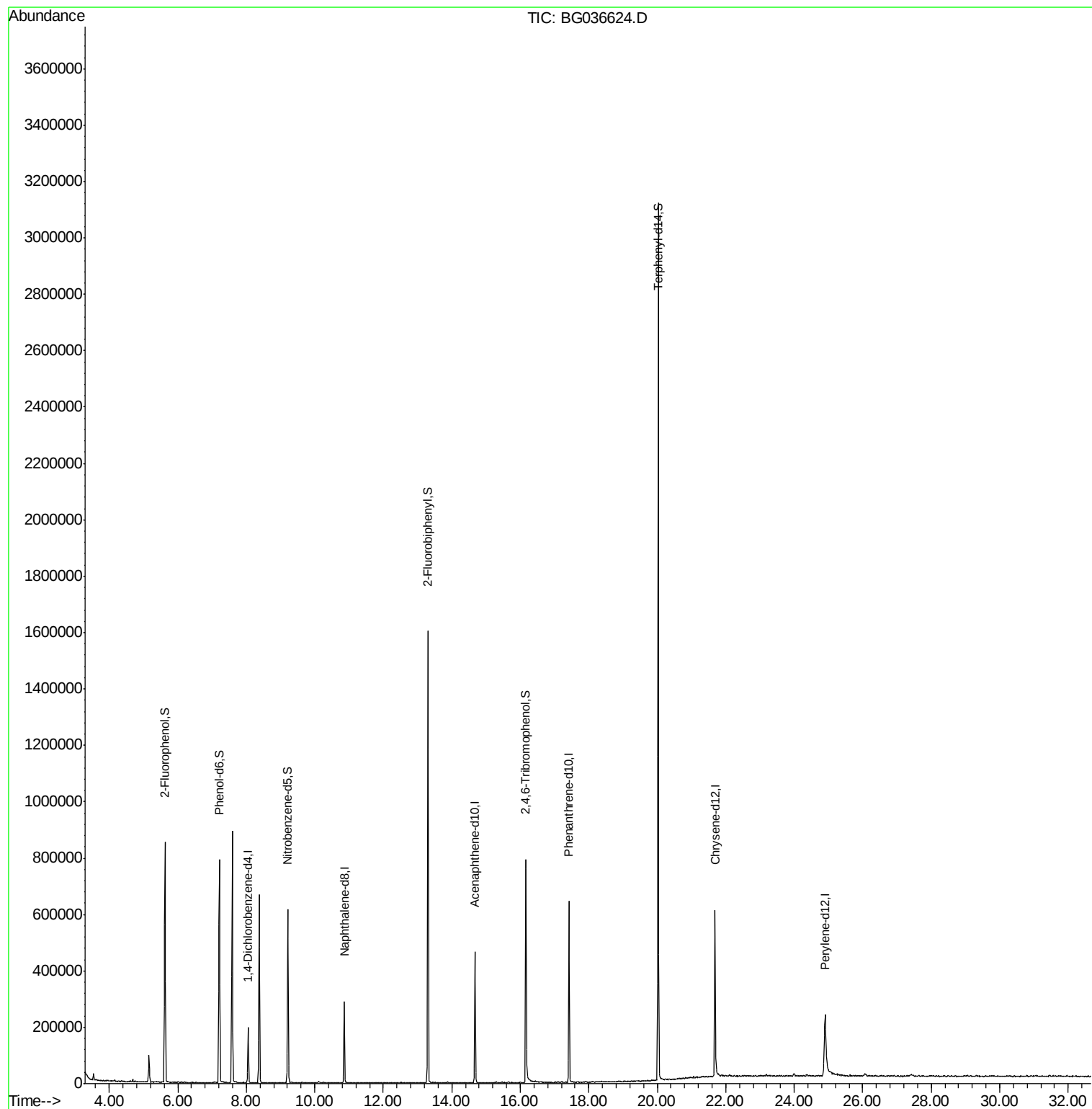
Target Compounds Qvalue

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

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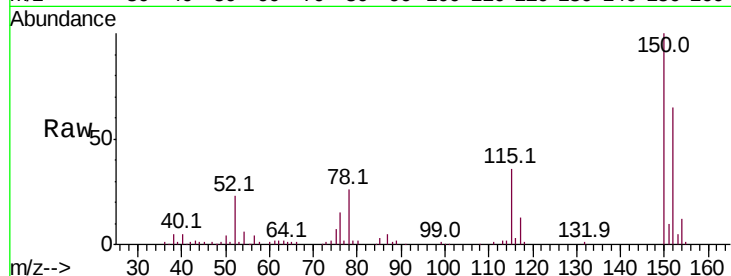


#1

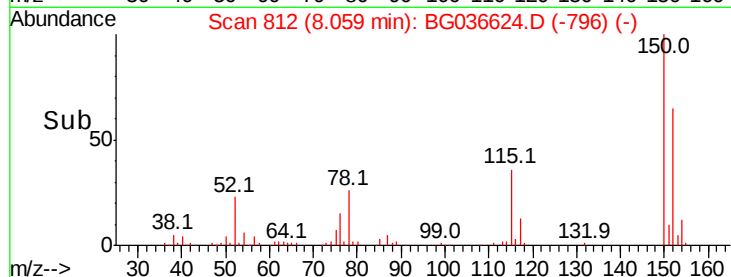
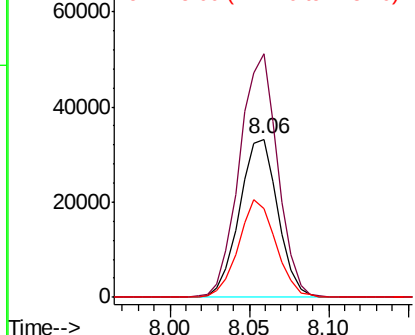
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036624.D
Acq: 8 Sep 2018 9:17

Instrument :
BNA_G
ClientSampleId :
SU-03-090618-B

Tot Ion:152 Resp: 55984
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 56.2 44.5 66.7



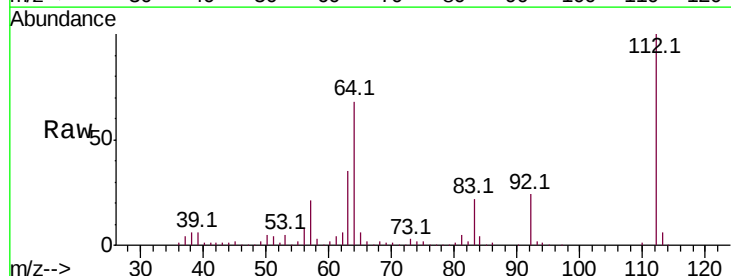
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



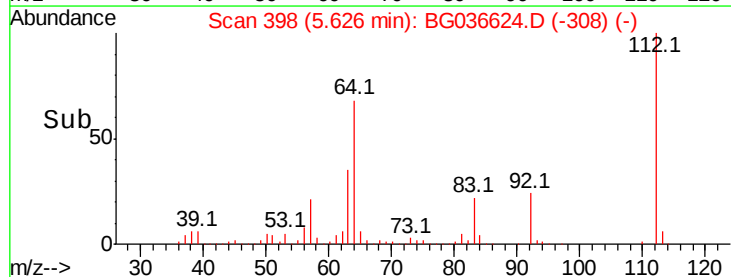
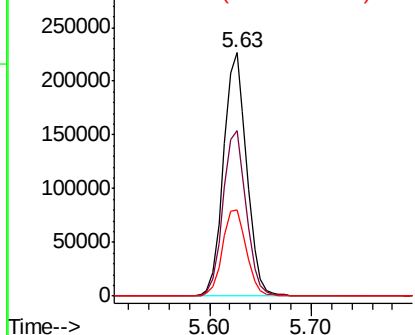
#5

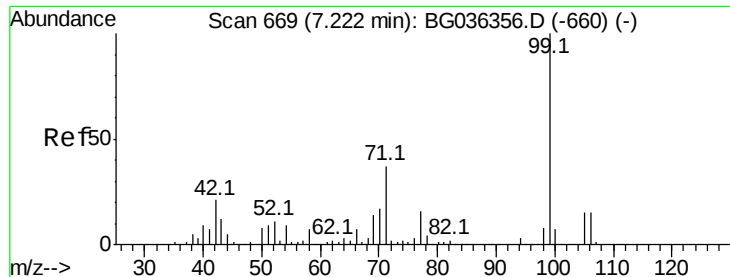
2-Fluorophenol
Concen: 101.644 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036624.D
Acq: 8 Sep 2018 9:17

Tgt Ion:112 Resp: 358726
Ion Ratio Lower Upper
112 100
64 67.8 57.2 85.8
63 35.3 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 91.551 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036624.D

Acq: 8 Sep 2018 9:17

Instrument :

BNA_G

ClientSampled :

SU-03-090618-B

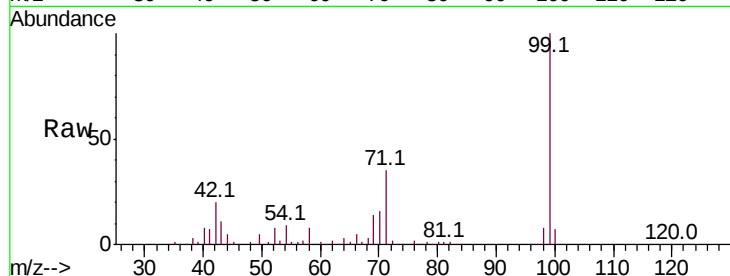
Tot Ion: 99 Resp: 462604

Ion Ratio Lower Upper

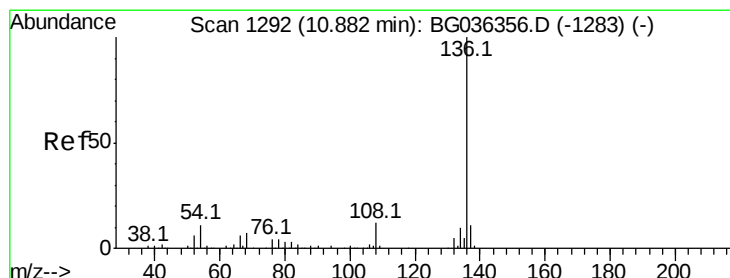
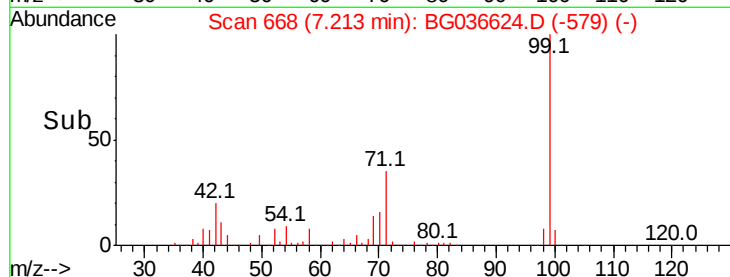
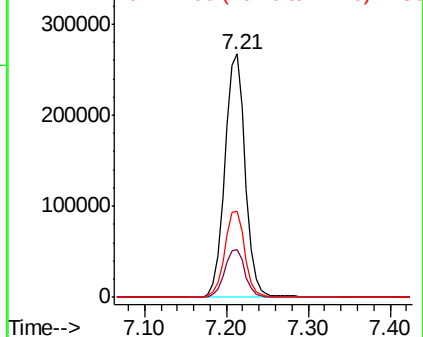
99 100

42 19.6 16.5 24.7

71 35.4 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036624.D

Acq: 8 Sep 2018 9:17

Tgt Ion: 136 Resp: 239300

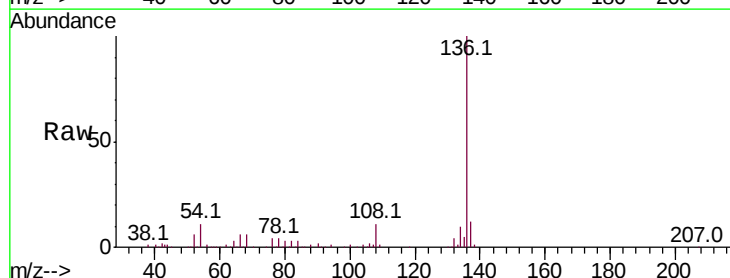
Ion Ratio Lower Upper

136 100

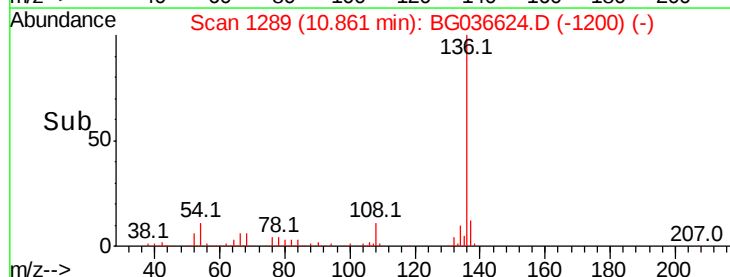
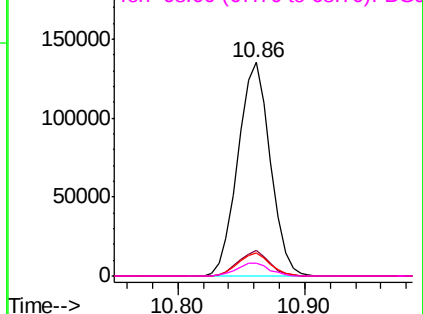
137 11.7 8.8 13.2

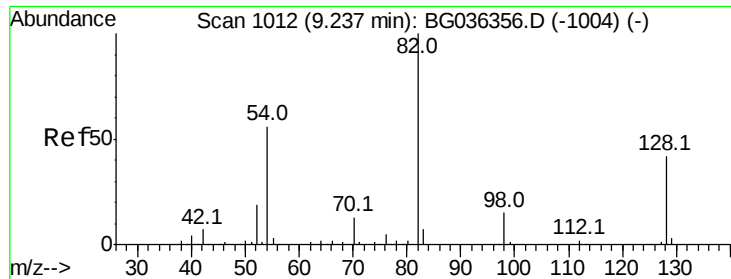
54 11.0 9.2 13.8

68 6.0 5.8 8.6



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

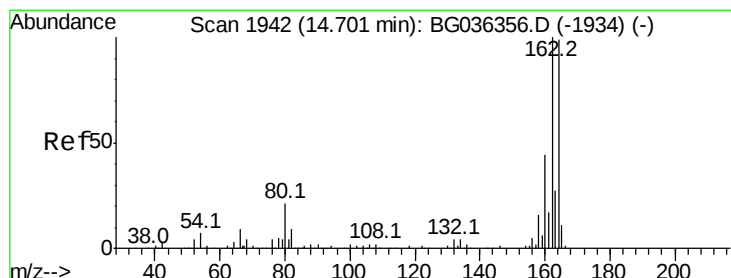
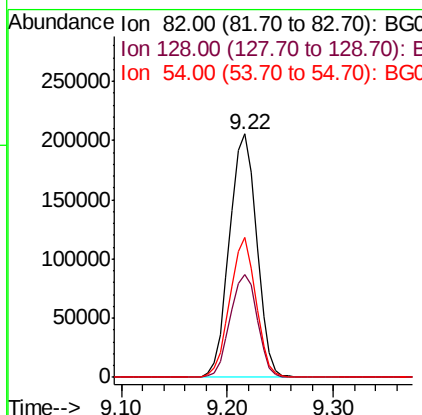
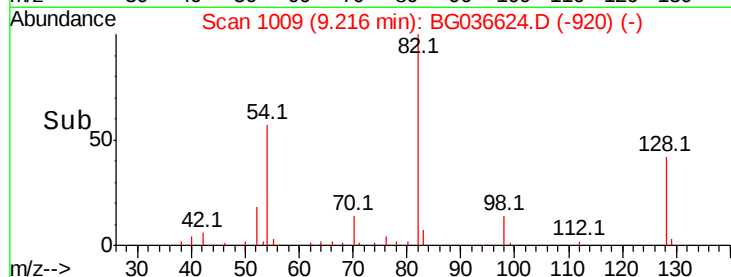
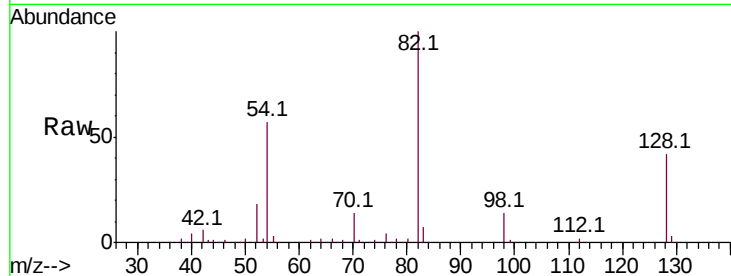




#23
 Nitrobenzene-d5
 Concen: 83.228 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036624.D
 Acq: 8 Sep 2018 9:17

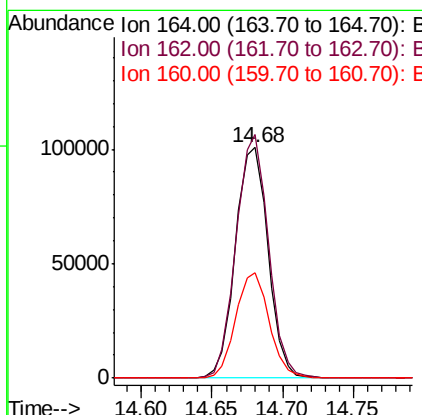
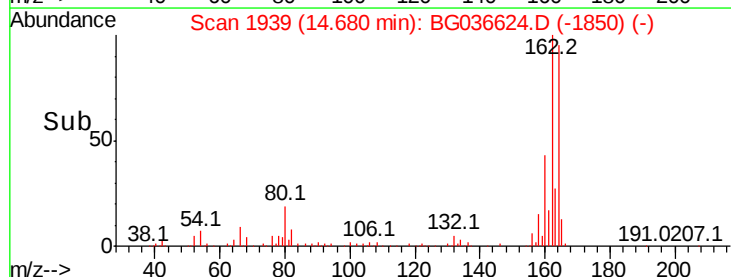
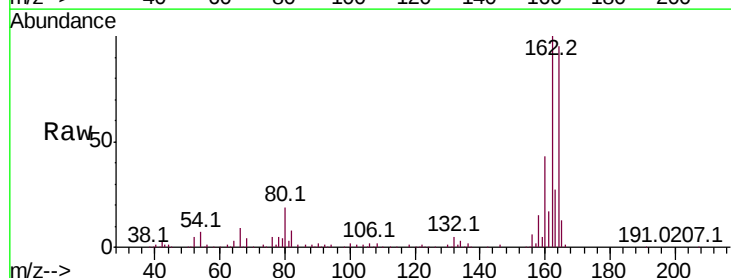
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-090618-B

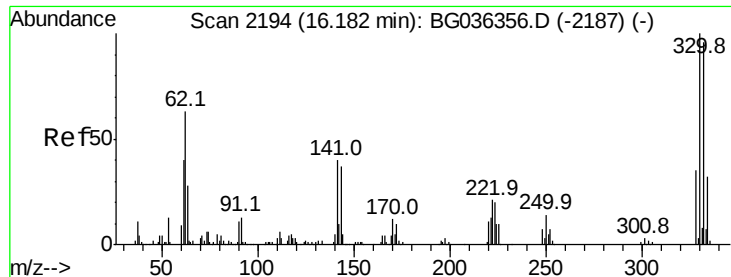
Tot Ion: 82 Resp: 367079
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.3 49.9
 54 57.4 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036624.D
 Acq: 8 Sep 2018 9:17

Tgt Ion:164 Resp: 162893
 Ion Ratio Lower Upper
 164 100
 162 105.6 80.7 121.1
 160 45.7 35.3 52.9

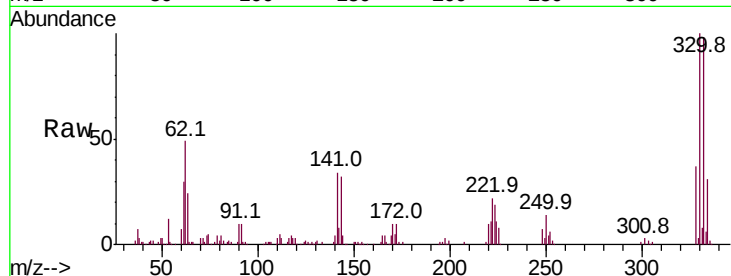




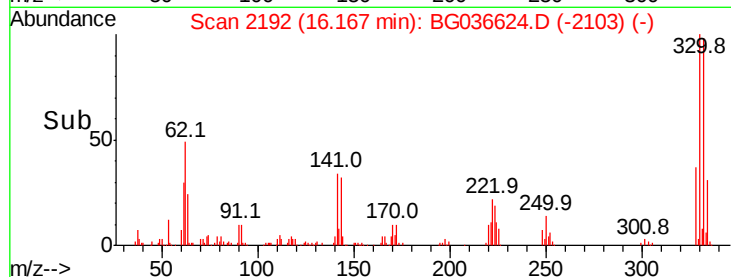
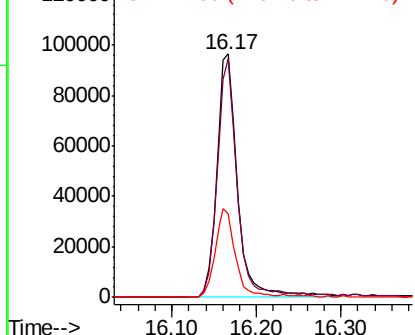
#41
 2,4,6-Tribromophenol
 Concen: 85.465 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036624.D
 Acq: 8 Sep 2018 9:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-090618-B

Tot Ion:330 Resp: 166117
 Ion Ratio Lower Upper
 330 100
 332 93.6 75.4 113.2
 141 36.2 30.7 46.1

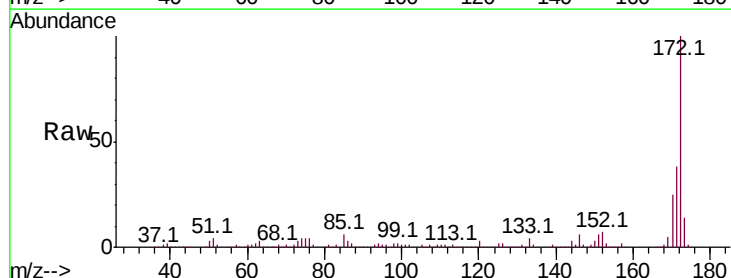


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

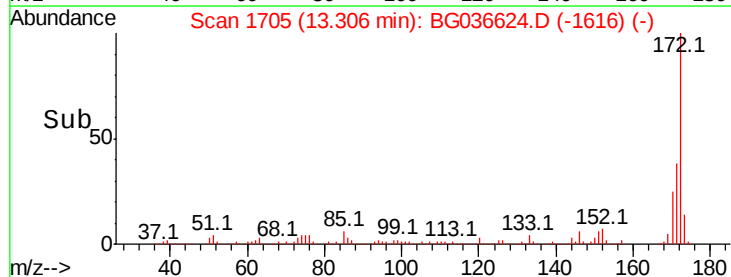
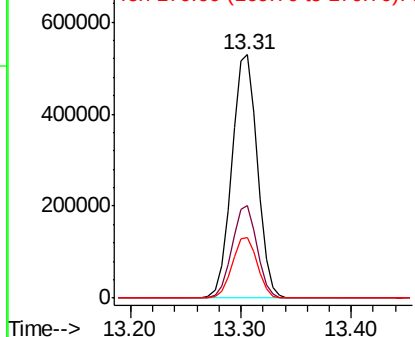


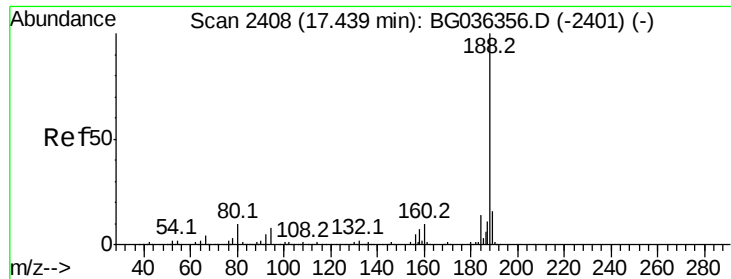
#44
 2-Fluorobiphenyl
 Concen: 75.541 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036624.D
 Acq: 8 Sep 2018 9:17

Tgt Ion:172 Resp: 861808
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.3 46.9
 170 24.9 21.0 31.6



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

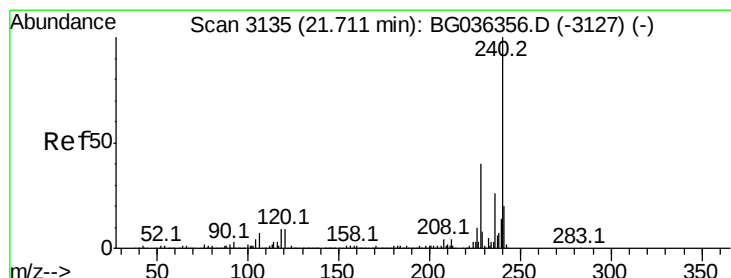
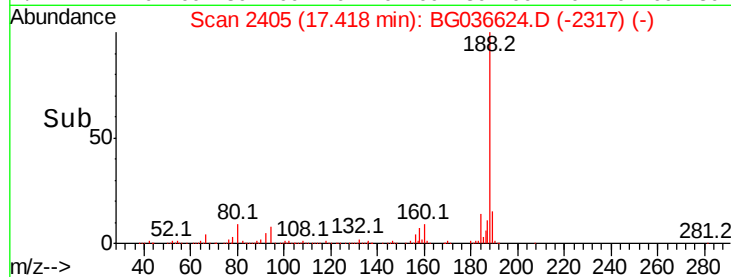
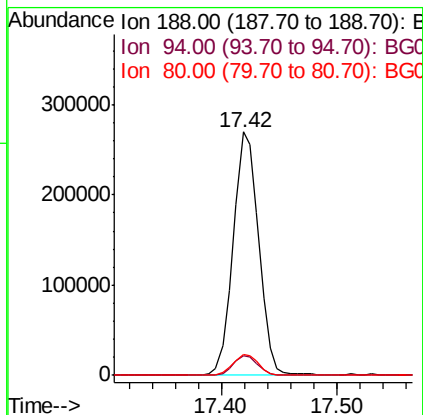
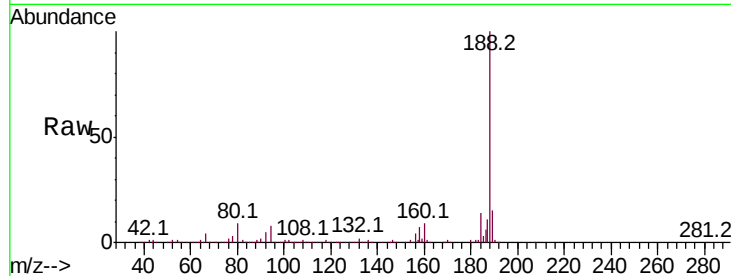




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036624.D
Acq: 8 Sep 2018 9:17

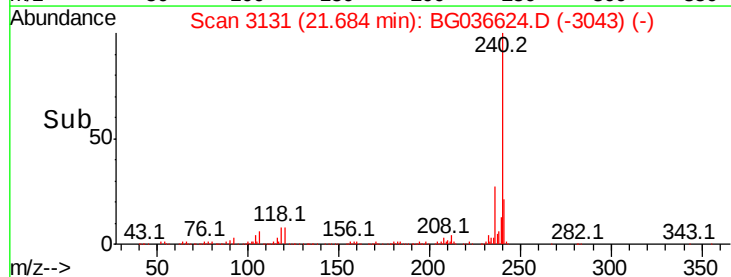
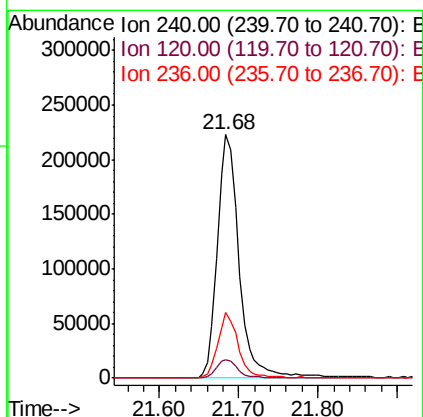
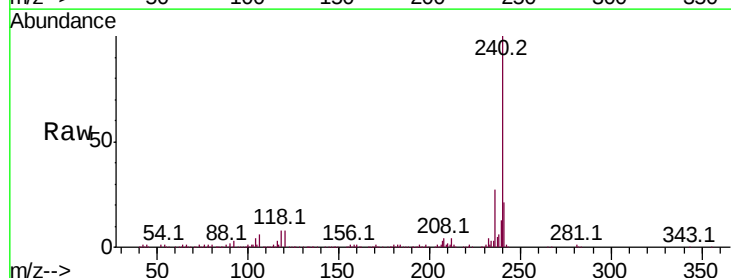
Instrument :
BNA_G
ClientSampleId :
SU-03-090618-B

Tot Ion:188 Resp: 412580
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036624.D
Acq: 8 Sep 2018 9:17

Tgt Ion:240 Resp: 425440
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 26.9 21.2 31.8



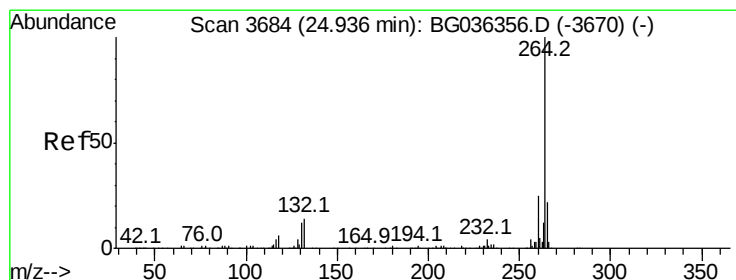
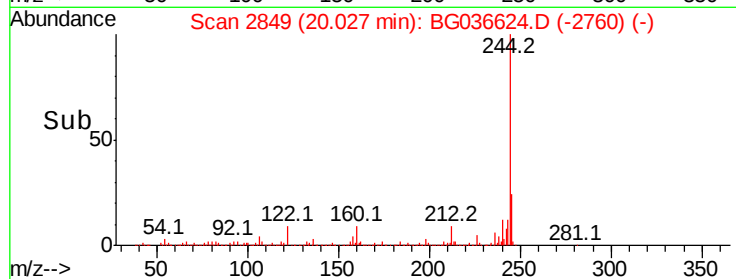
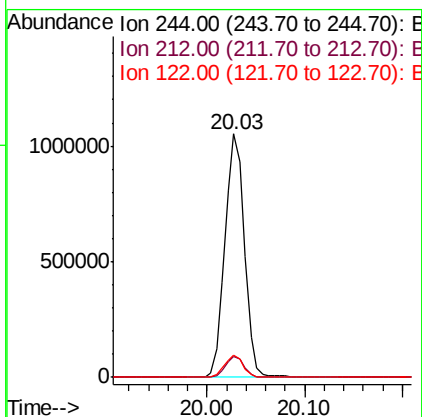
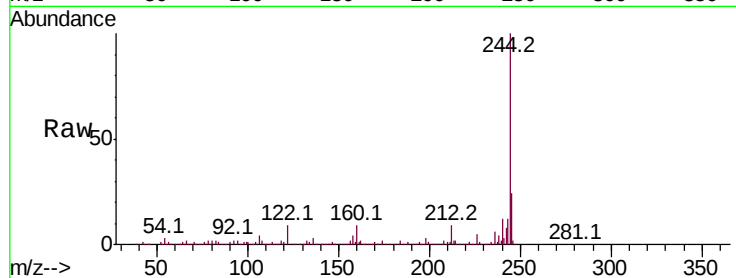


#78
 Terphenyl-d14
 Concen: 80.474 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036624.D
 Acq: 8 Sep 2018 9:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-090618-B

Tot Ion:244 Resp: 1464786

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG036624.D
 Acq: 8 Sep 2018 9:17

Tgt Ion:264 Resp: 348556

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	23.2	17.4	26.0

