

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
 Data File : BG036494.D
 Acq On : 31 Aug 2018 1:22
 Operator : JU/SJ
 Sample : J4275-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-082918-A

Quant Time: Aug 31 04:55:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55209	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	231223	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	150037	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	401322	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	436805	20.00	ng	-0.02
86) Perylene-d12	24.90	264	429691	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	356625	102.47	ng	0.00
7) Phenol-d6	7.21	99	435203	87.34	ng	0.00
23) Nitrobenzene-d5	9.22	82	370314	86.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	217445	121.46	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	865723	82.39	ng	-0.01
78) Terphenyl-d14	20.03	244	1558072	83.37	ng	-0.02

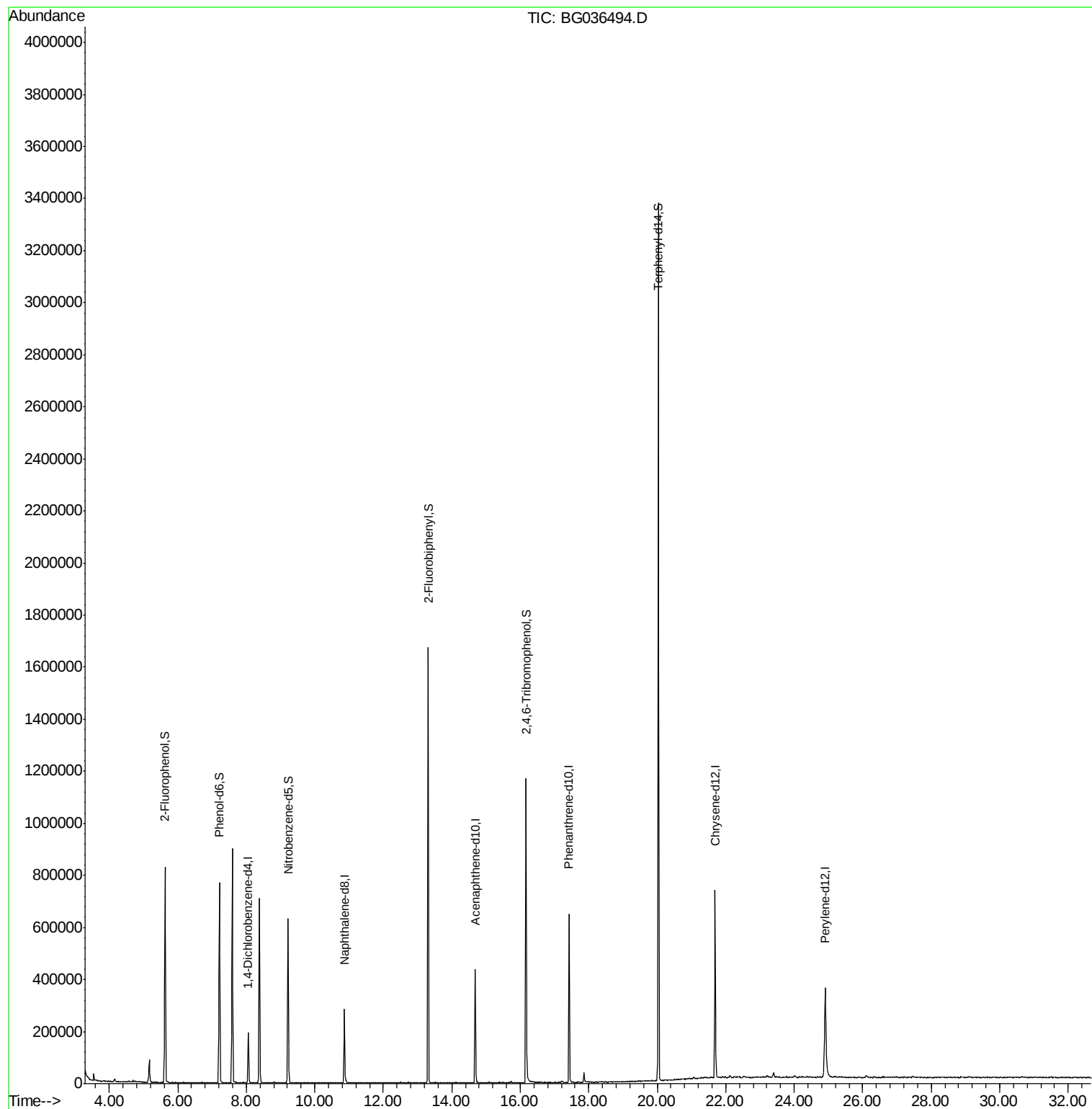
Target Compounds Qvalue

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

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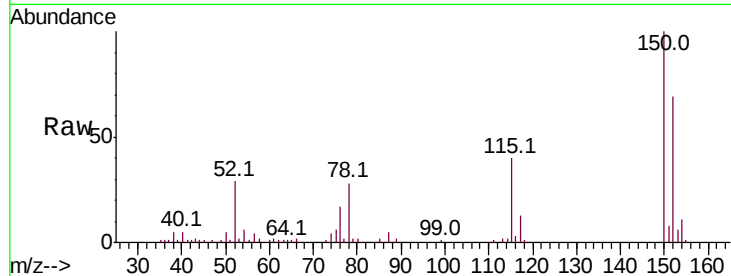


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036494.D
Acq: 31 Aug 2018 1:22

Instrument :
BNA_G
ClientSampleId :
CL-02-082918-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	119.5	179.3
115	57.2	44.5	66.7

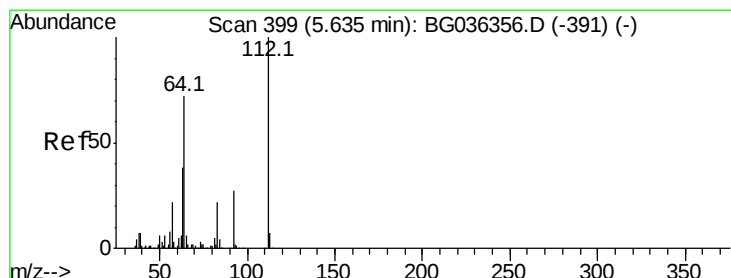
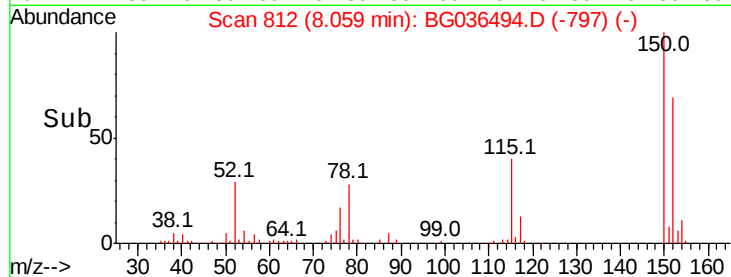
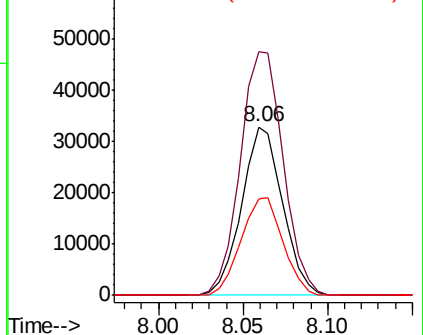


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

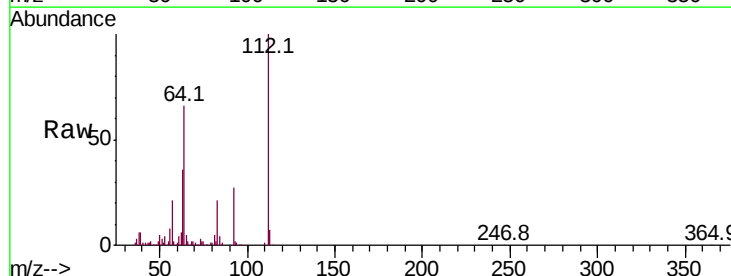
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.467 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036494.D
Acq: 31 Aug 2018 1:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	57.2	85.8
63	35.5	30.8	46.2

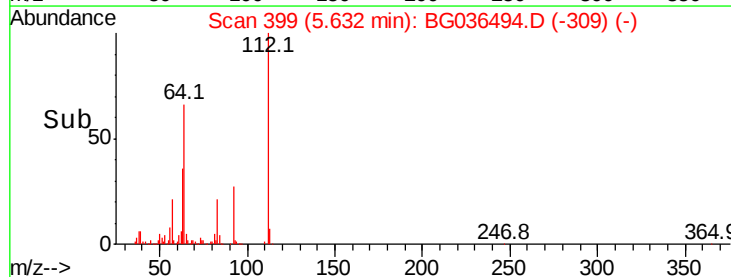
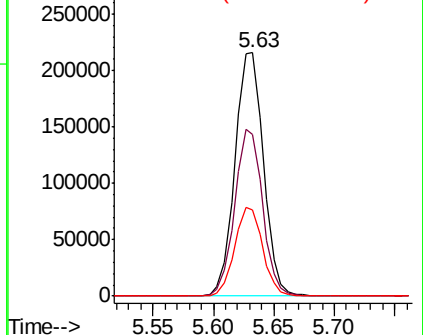


Abundance

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: 87.337 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036494.D

Acq: 31 Aug 2018 1:22

Instrument :

BNA_G

ClientSampleId :

CL-02-082918-A

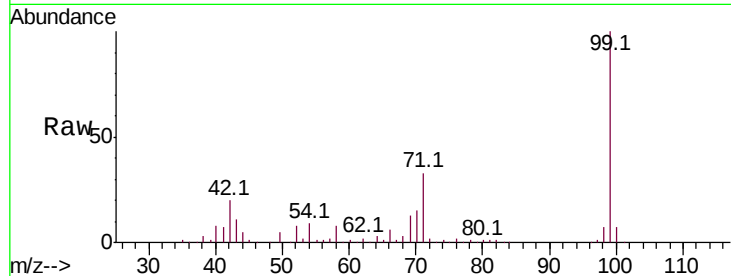
Tot Ion: 99 Resp: 435203

Ion Ratio Lower Upper

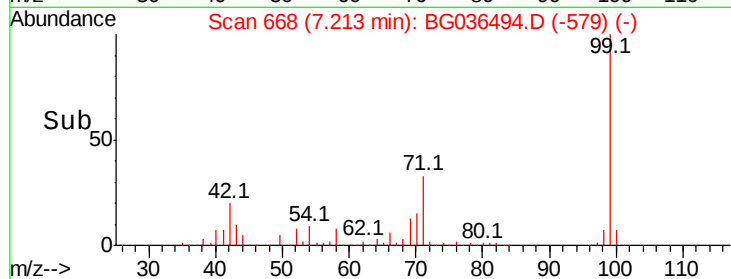
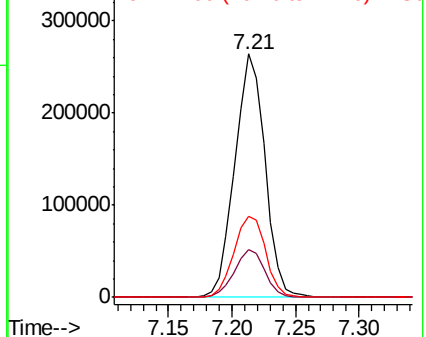
99 100

42 19.8 16.5 24.7

71 33.2 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: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036494.D

Acq: 31 Aug 2018 1:22

Tgt Ion: 136 Resp: 231223

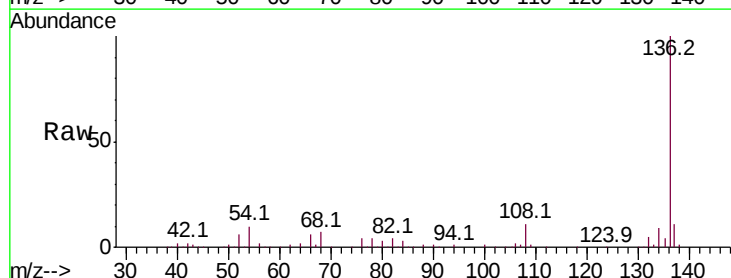
Ion Ratio Lower Upper

136 100

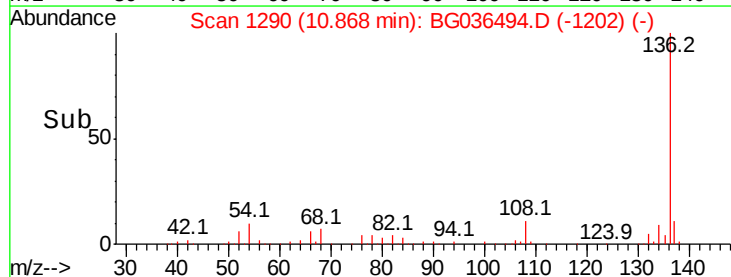
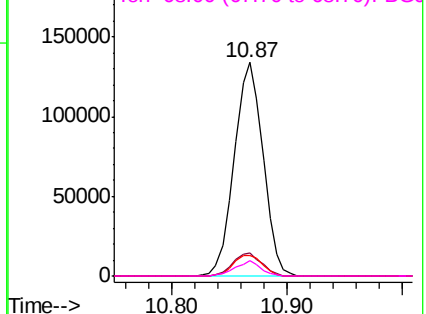
137 10.8 8.8 13.2

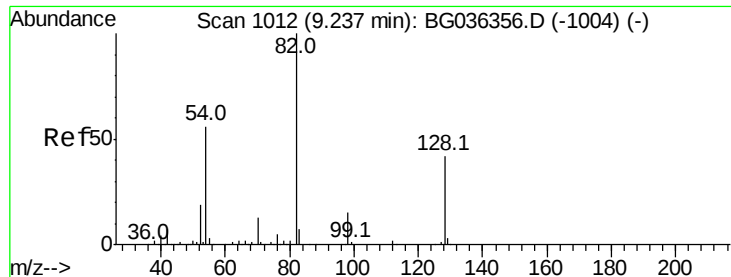
54 9.5 9.2 13.8

68 7.0 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

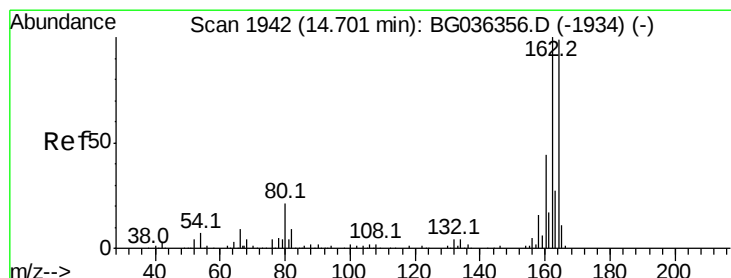
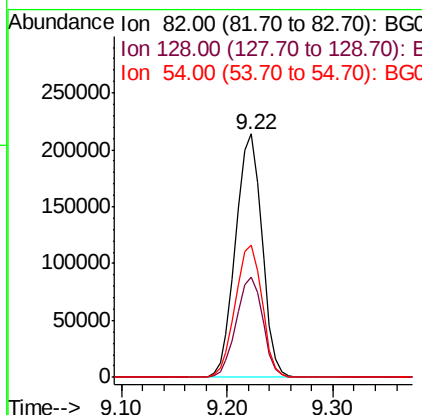
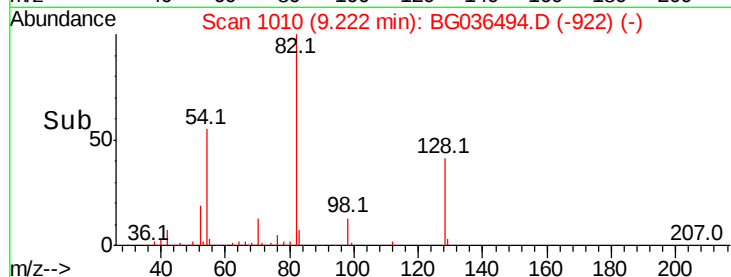
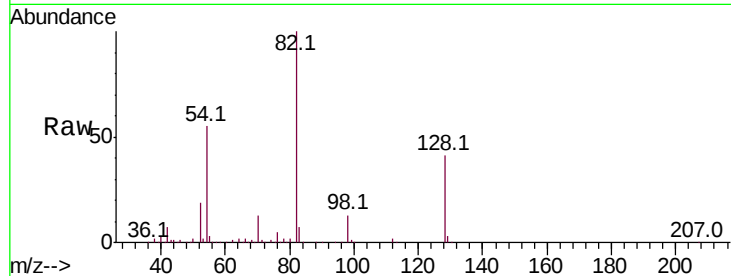




#23
Nitrobenzene-d5
Concen: 86.895 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036494.D
Acq: 31 Aug 2018 1:22

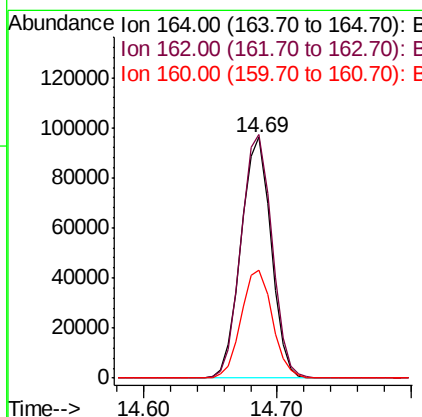
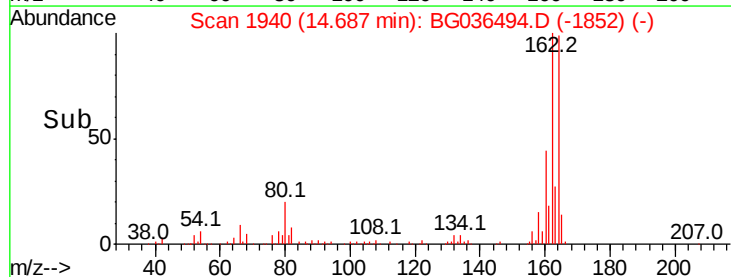
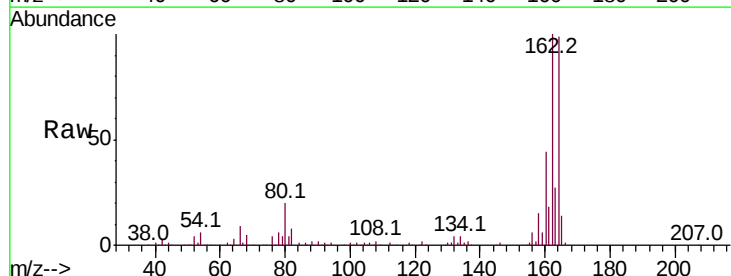
Instrument :
BNA_G
ClientSampleId :
CL-02-082918-A

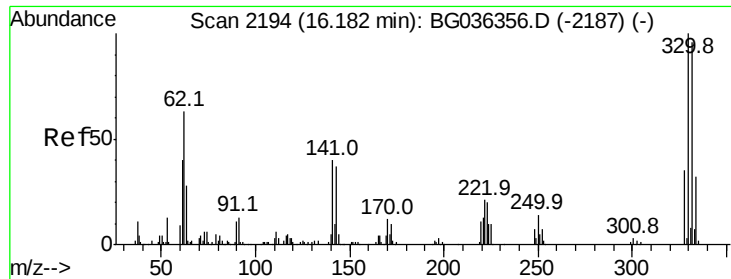
Tot Ion: 82 Resp: 370314
Ion Ratio Lower Upper
82 100
128 41.1 33.3 49.9
54 54.5 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036494.D
Acq: 31 Aug 2018 1:22

Tgt Ion: 164 Resp: 150037
Ion Ratio Lower Upper
164 100
162 101.2 80.7 121.1
160 44.9 35.3 52.9

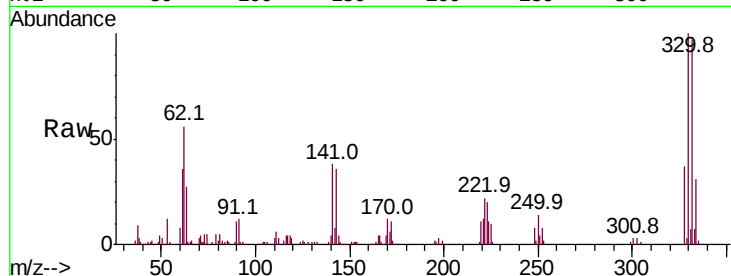




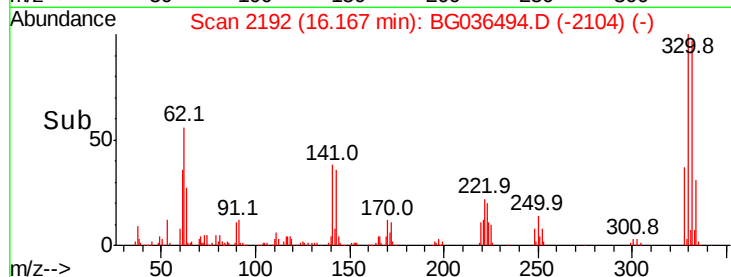
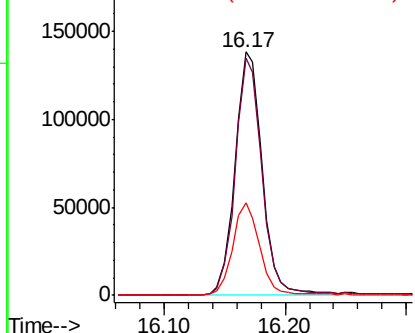
#41
 2,4,6-Tribromophenol
 Concen: 121.459 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036494.D
 Acq: 31 Aug 2018 1:22

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-082918-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.4	113.2
141	38.0	30.7	46.1

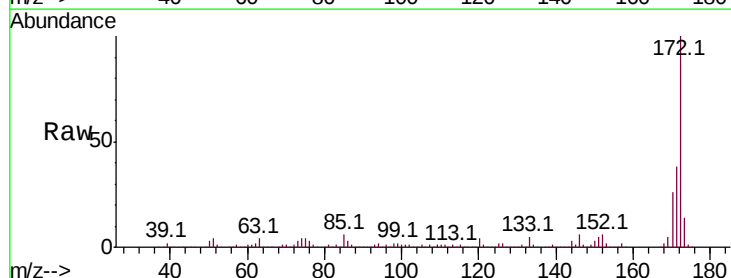


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

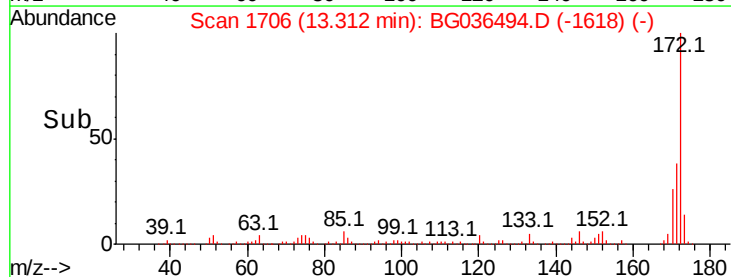
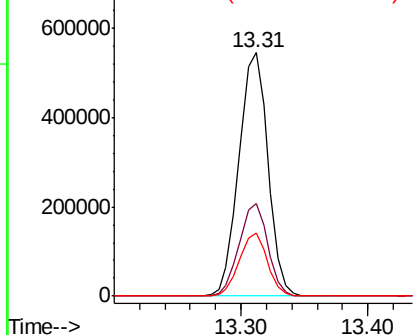


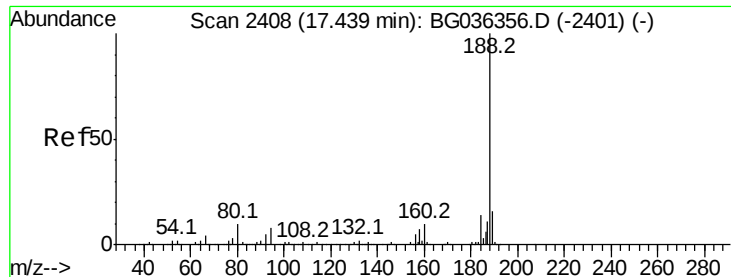
#44
 2-Fluorobiphenyl
 Concen: 82.386 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036494.D
 Acq: 31 Aug 2018 1:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	26.0	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# 2406

Delta R.T. -0.01 min

Lab File: BG036494.D

Acq: 31 Aug 2018 1:22

Instrument :

BNA_G

ClientSampleId :

CL-02-082918-A

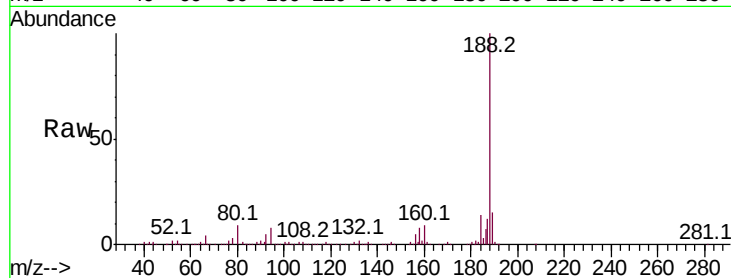
Tot Ion:188 Resp: 401322

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

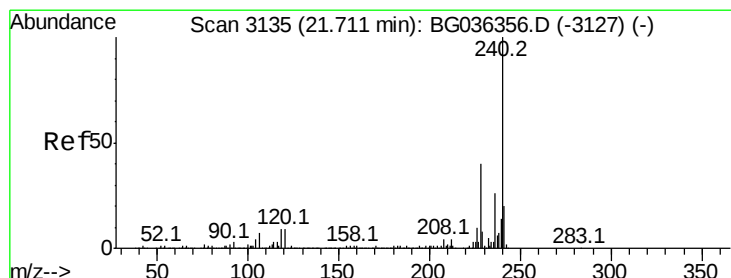
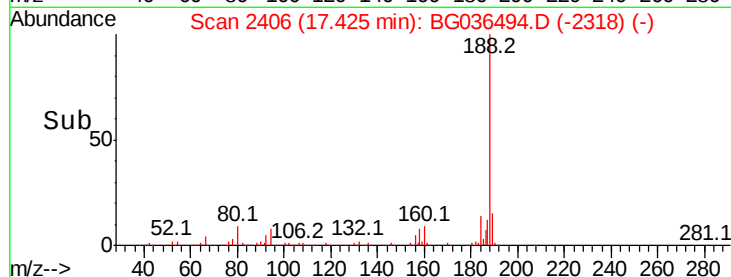
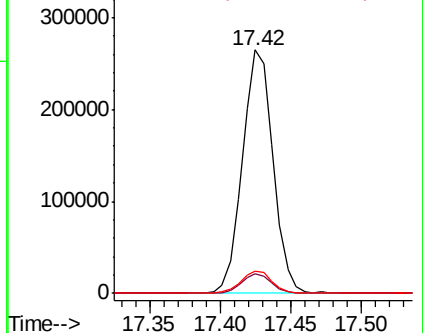
80 9.3 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BG036494.D

Acq: 31 Aug 2018 1:22

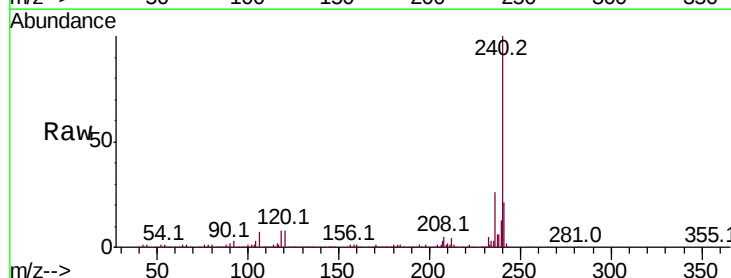
Tgt Ion:240 Resp: 436805

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

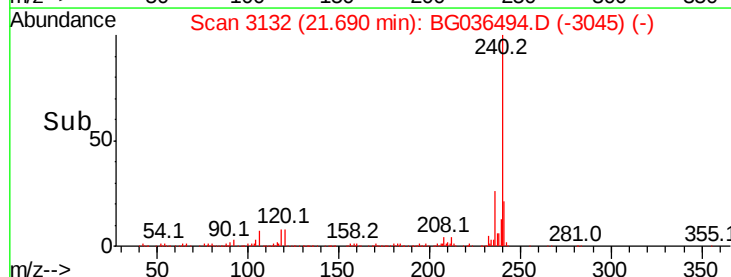
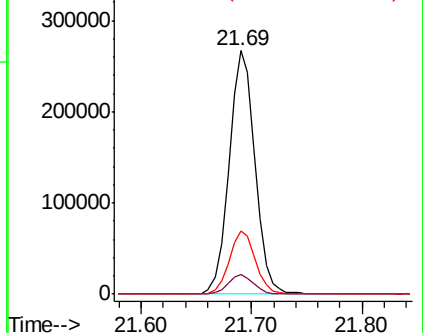
236 25.8 21.2 31.8

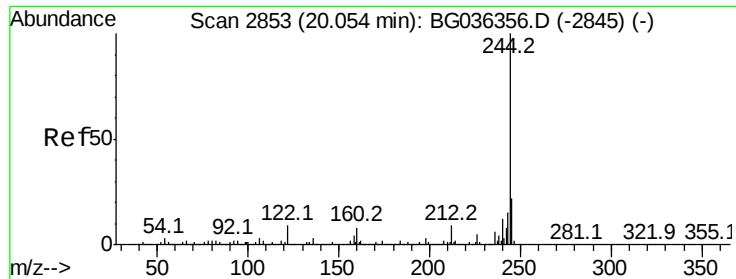


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.372 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036494.D

Acq: 31 Aug 2018 1:22

Instrument :

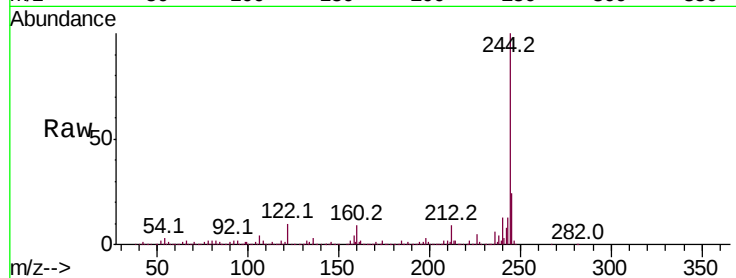
BNA_G

ClientSampleId :

CL-02-082918-A

Tot Ion:244 Resp: 1558072

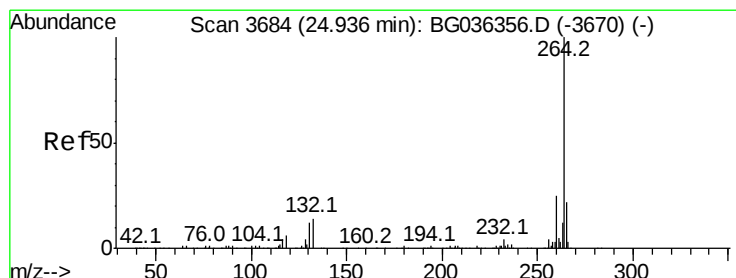
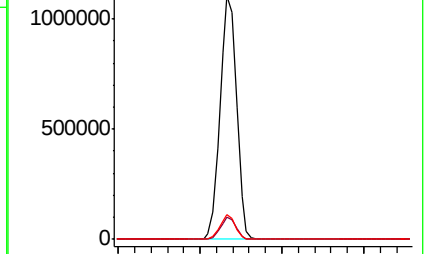
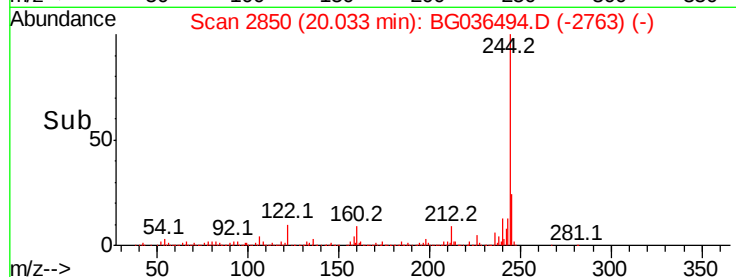
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	10.0	7.1	10.7



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: 24.90 min Scan# 3678

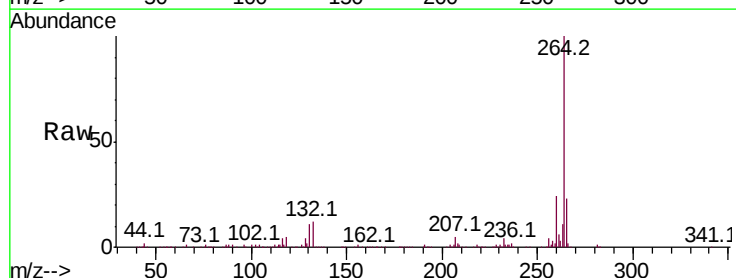
Delta R.T. -0.04 min

Lab File: BG036494.D

Acq: 31 Aug 2018 1:22

Tgt Ion:264 Resp: 429691

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.8	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E

150000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

