

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
 Data File : BG036495.D
 Acq On : 31 Aug 2018 2:01
 Operator : JU/SJ
 Sample : J4275-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 31 04:56:34 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	55952	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	227782	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	155362	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	413857	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	445041	20.00	ng	-0.02
86) Perylene-d12	24.91	264	430840	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	299366	84.87	ng	0.00
7) Phenol-d6	7.21	99	360959	71.48	ng	0.00
23) Nitrobenzene-d5	9.22	82	297207	70.79	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	178858	96.48	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	703097	64.62	ng	-0.02
78) Terphenyl-d14	20.03	244	1294370	67.98	ng	-0.02

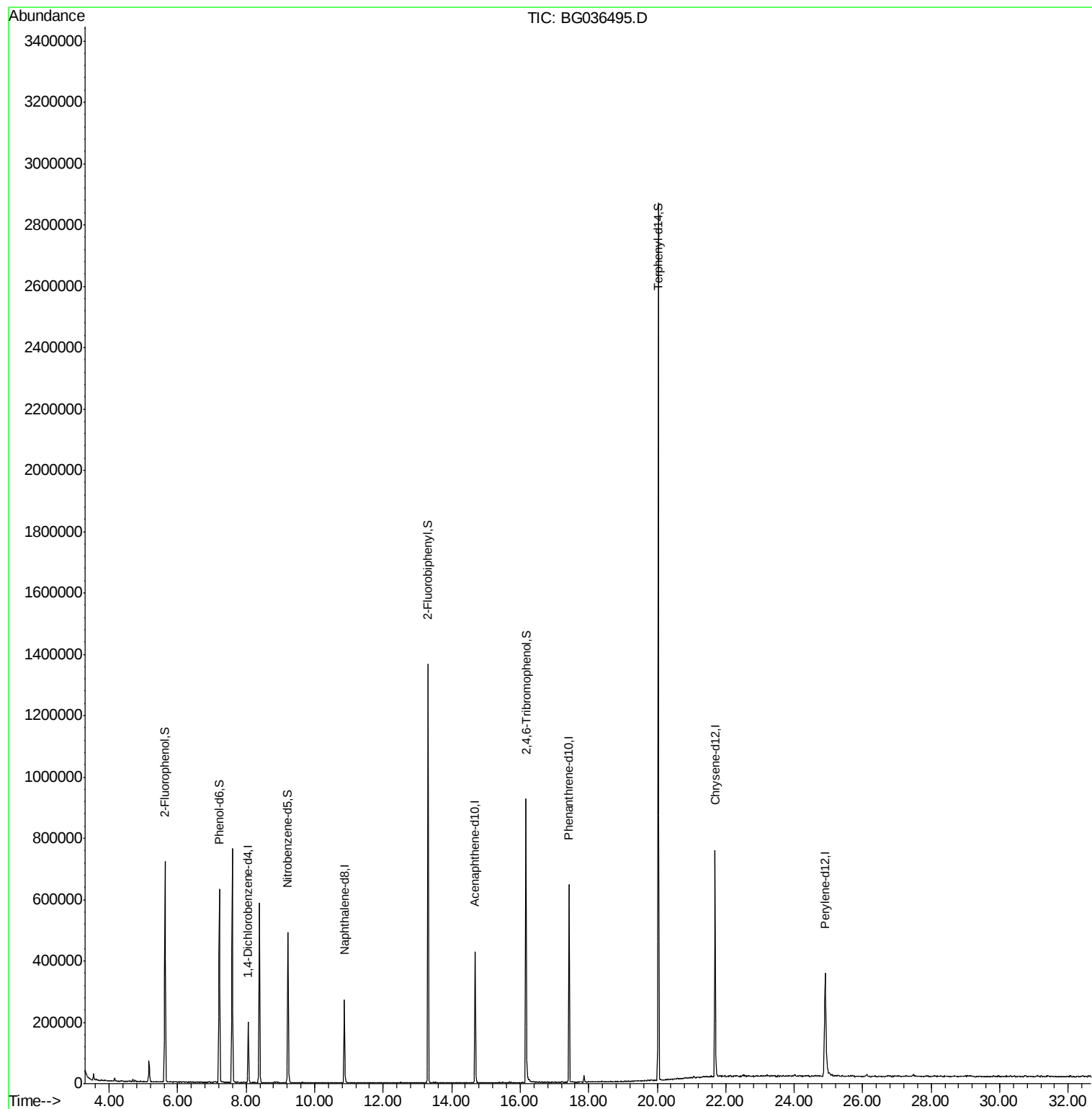
Target Compounds Qvalue

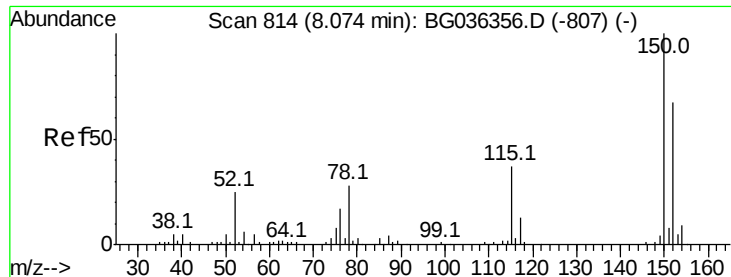
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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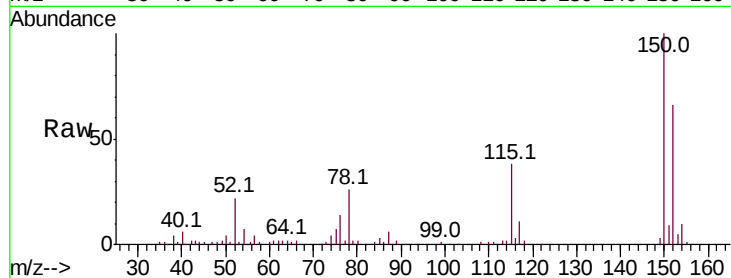


#1

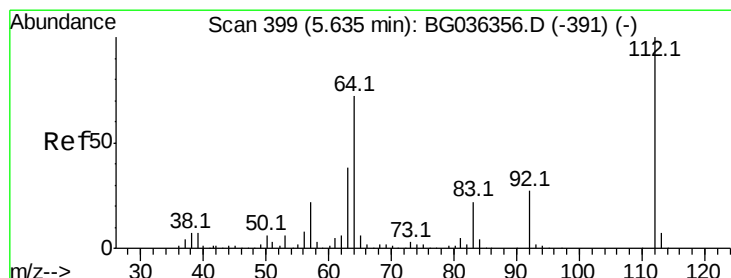
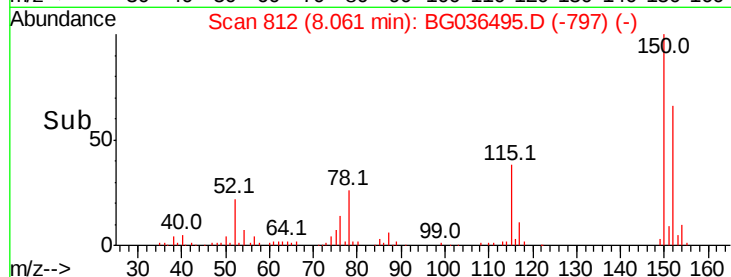
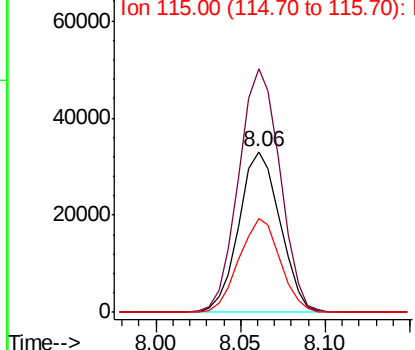
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036495.D
Acq: 31 Aug 2018 2:01

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	119.5	179.3
115	58.1	44.5	66.7



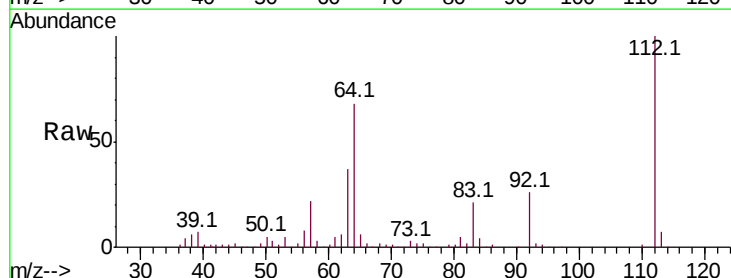
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



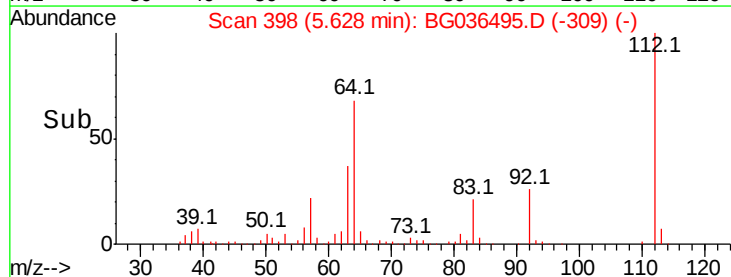
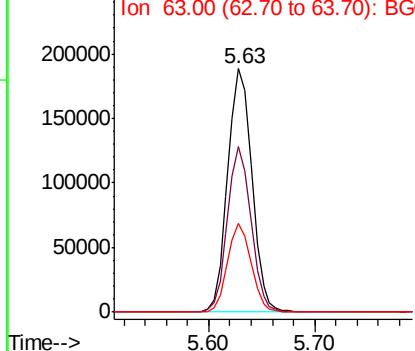
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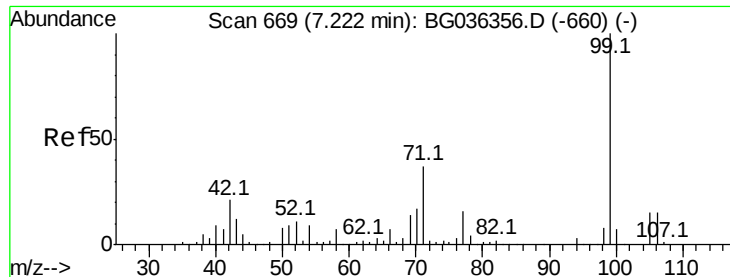
2-Fluorophenol
Concen: 84.873 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG036495.D
Acq: 31 Aug 2018 2:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.2	85.8
63	36.6	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: 71.476 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036495.D

Acq: 31 Aug 2018 2:01

Instrument :

BNA_G

ClientSampleId :

CL-02-082918-B

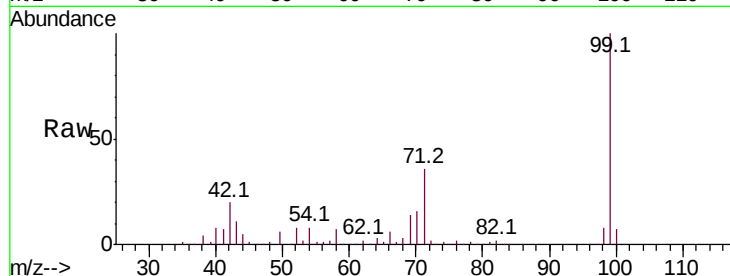
Tot Ion: 99 Resp: 360959

Ion Ratio Lower Upper

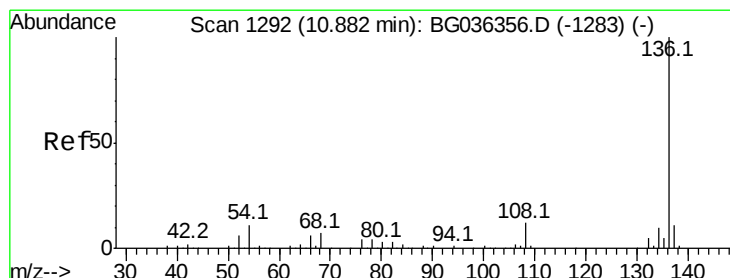
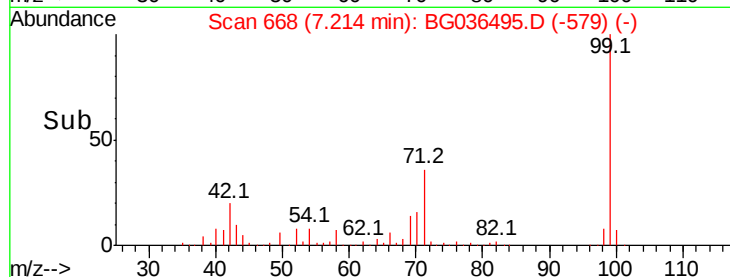
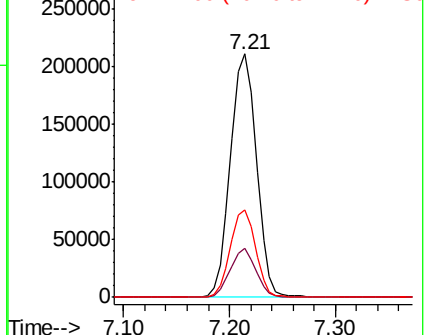
99 100

42 20.0 16.5 24.7

71 35.7 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: BG036495.D

Acq: 31 Aug 2018 2:01

Tgt Ion: 136 Resp: 227782

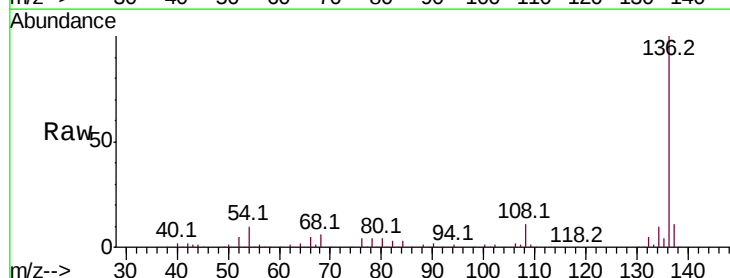
Ion Ratio Lower Upper

136 100

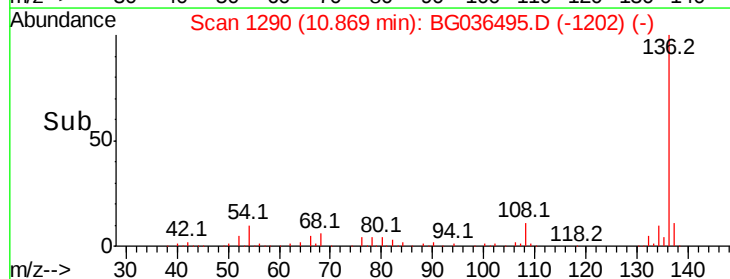
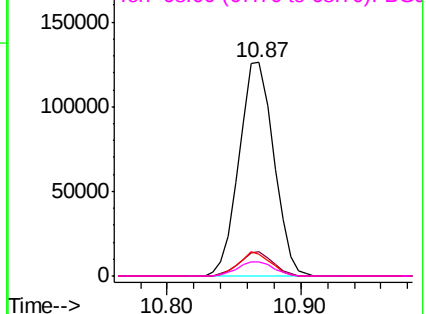
137 11.4 8.8 13.2

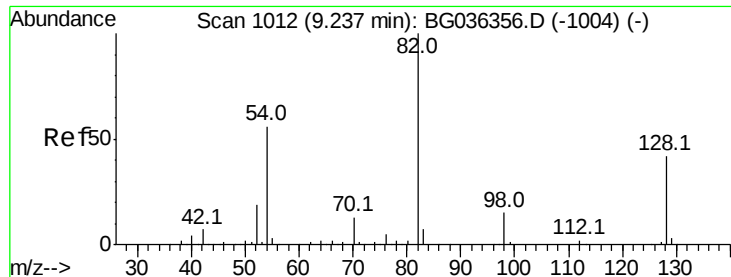
54 10.2 9.2 13.8

68 6.4 5.8 8.6



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): BGC
Ion 68.00 (67.70 to 68.70): BGC

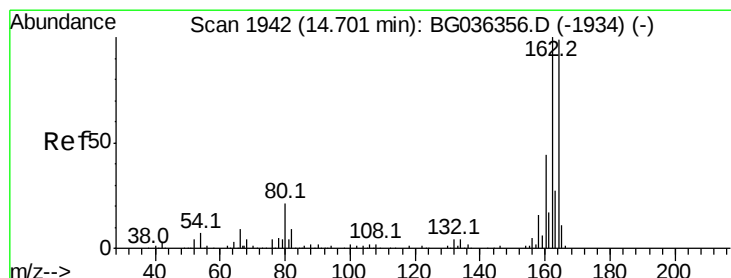
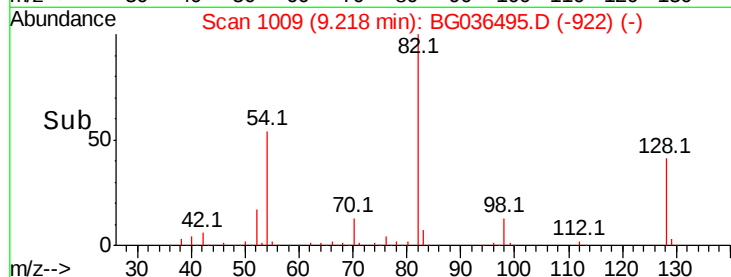
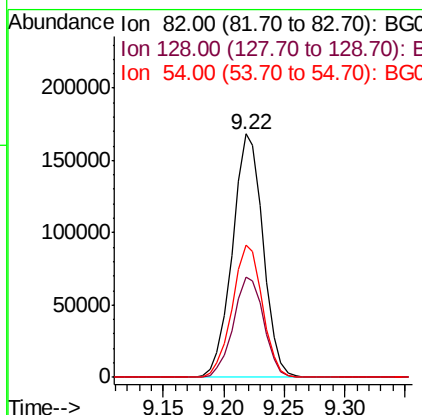
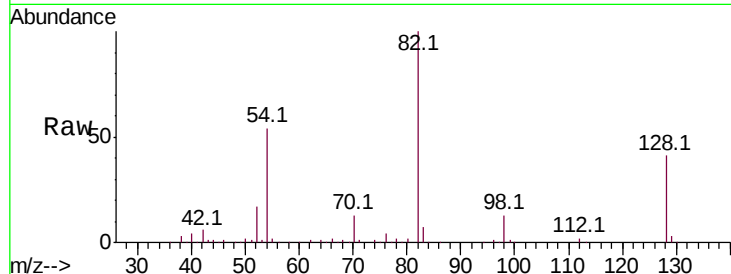




#23
 Nitrobenzene-d5
 Concen: 70.793 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG036495.D
 Acq: 31 Aug 2018 2:01

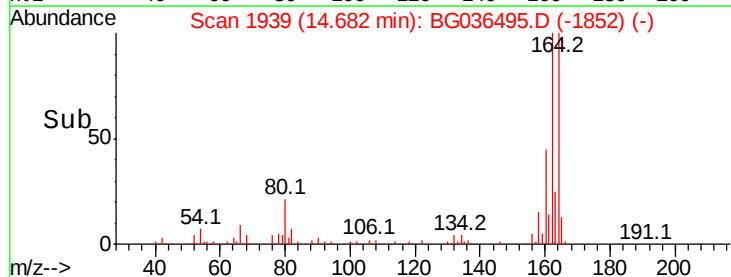
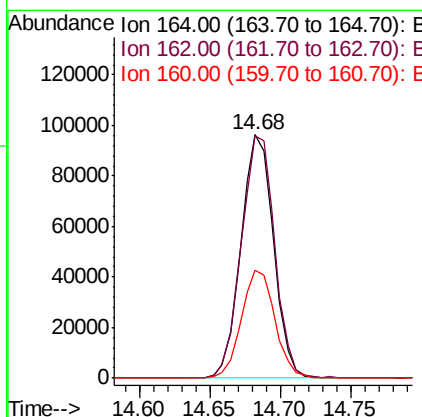
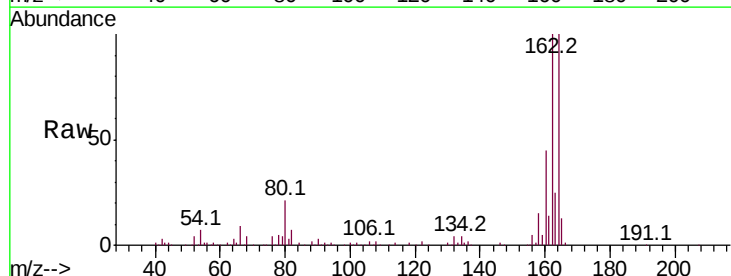
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-082918-B

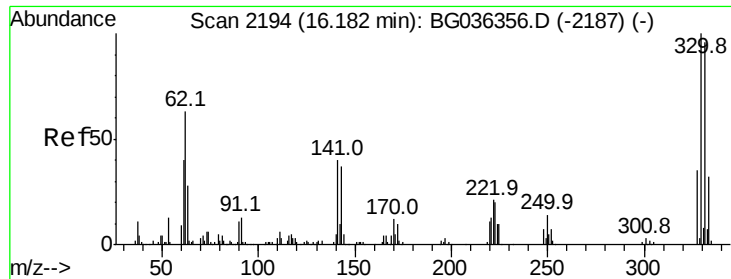
Tot Ion	82	Resp	297207
Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	54.2	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG036495.D
 Acq: 31 Aug 2018 2:01

Tgt Ion	164	Resp	155362
Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.7	121.1
160	44.6	35.3	52.9

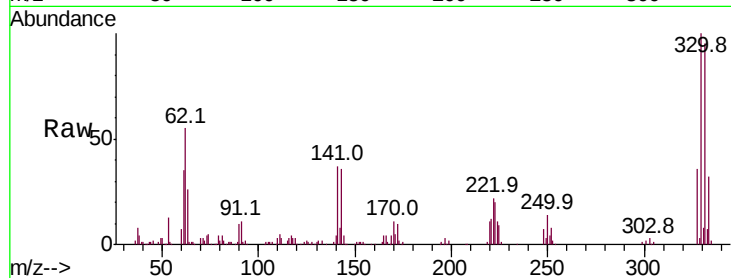




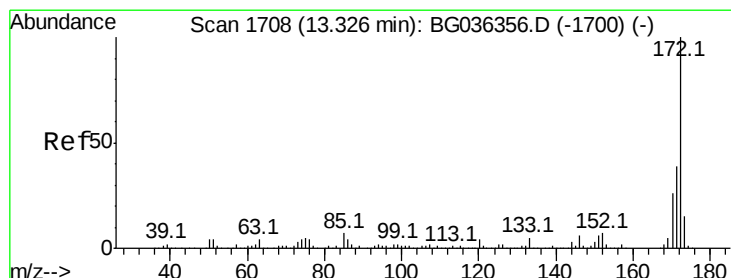
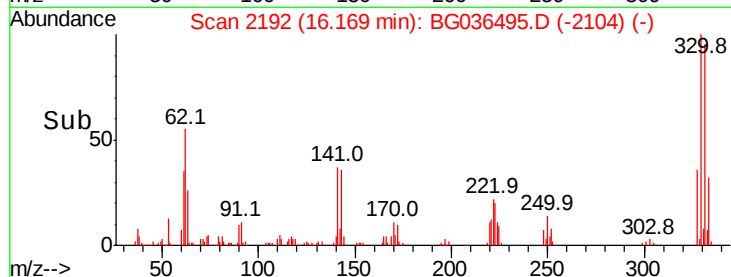
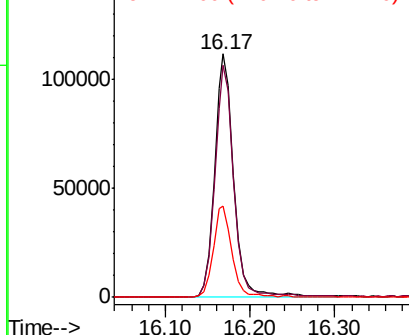
#41
 2,4,6-Tribromophenol
 Concen: 96.481 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036495.D
 Acq: 31 Aug 2018 2:01

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.6	75.4	113.2
141	36.6	30.7	46.1

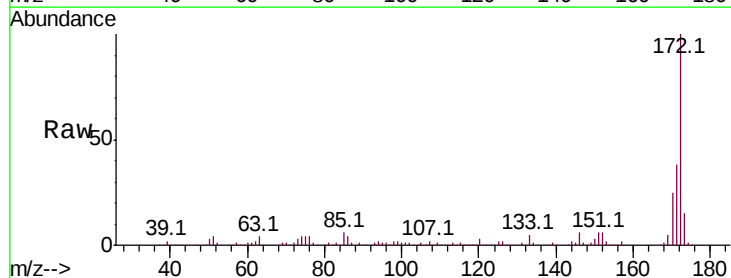


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

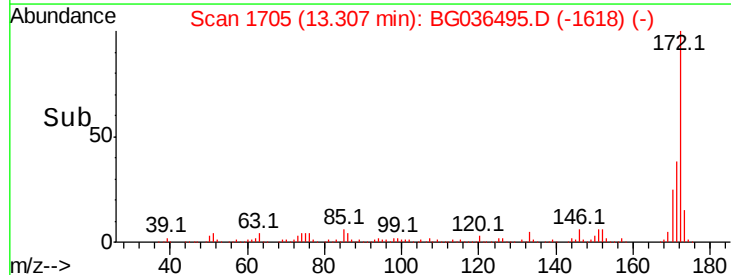
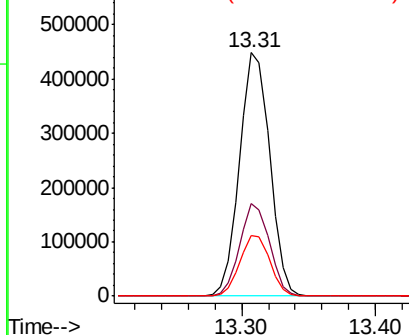


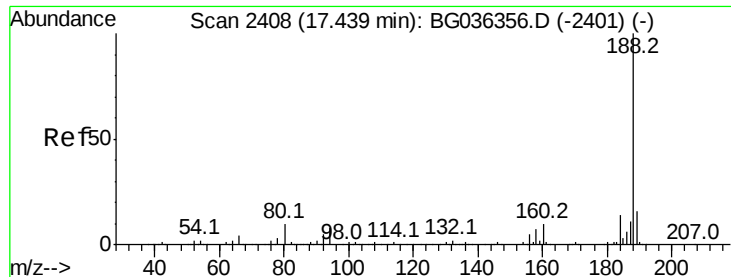
#44
 2-Fluorobiphenyl
 Concen: 64.617 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG036495.D
 Acq: 31 Aug 2018 2:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	24.8	21.0	31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 600000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

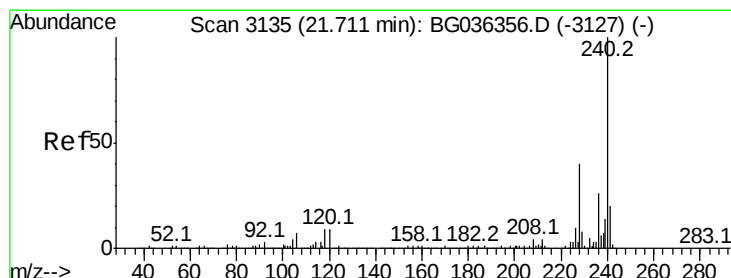
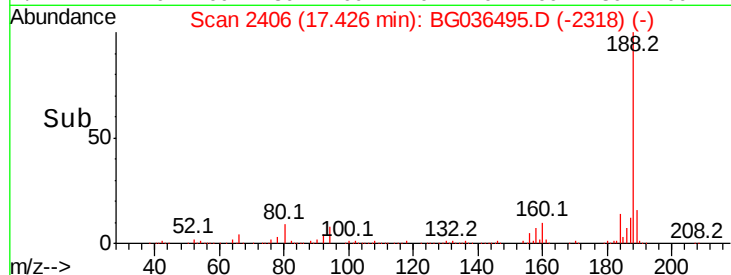
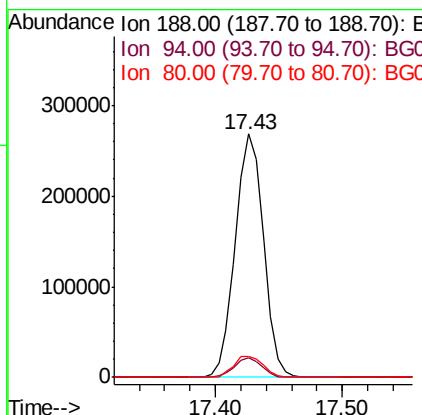
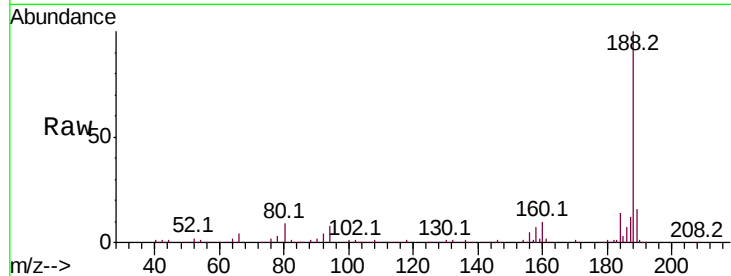




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036495.D
Acq: 31 Aug 2018 2:01

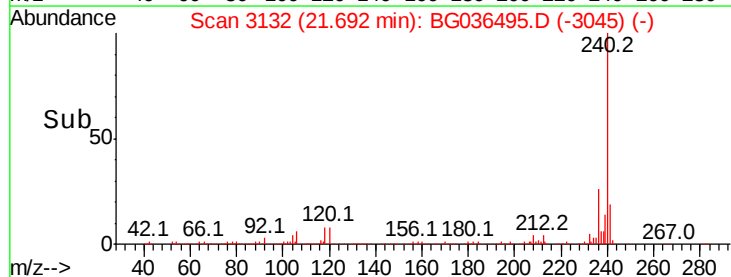
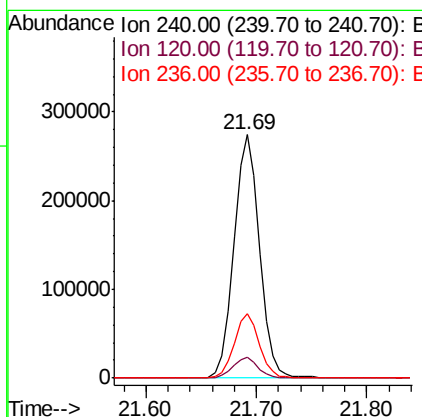
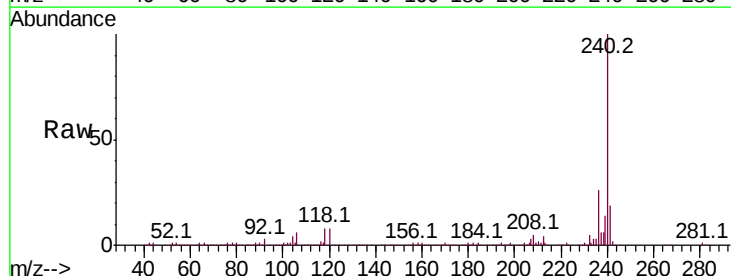
Instrument :
BNA_G
ClientSampleId :
CL-02-082918-B

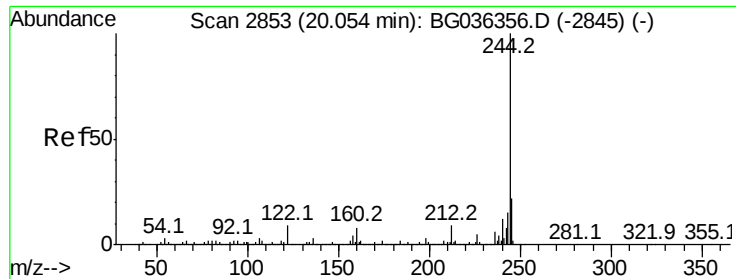
Tot Ion:188 Resp: 413857
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036495.D
Acq: 31 Aug 2018 2:01

Tgt Ion:240 Resp: 445041
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.5 21.2 31.8





#78

Terphenyl-d14

Concen: 67.980 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036495.D

Acq: 31 Aug 2018 2:01

Instrument :

BNA_G

ClientSampleId :

CL-02-082918-B

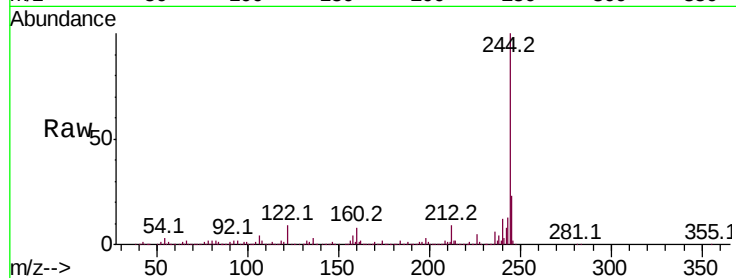
Tot Ion:244 Resp: 1294370

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

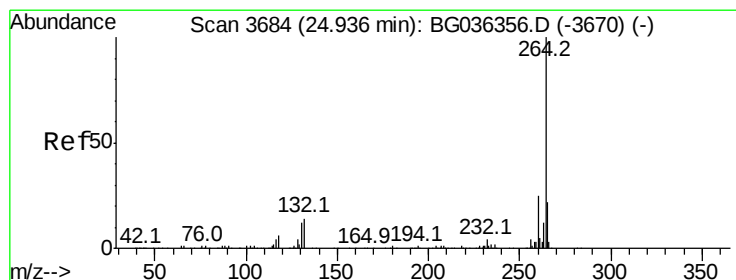
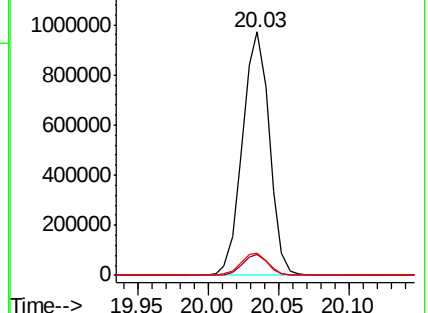
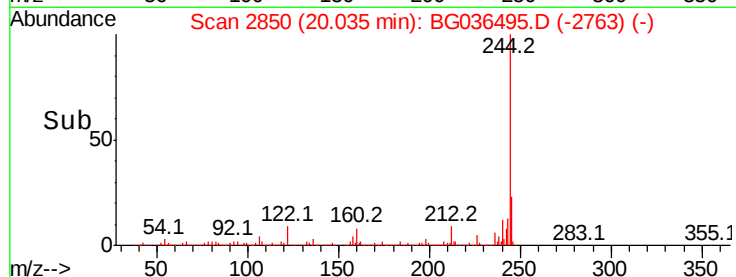
122 9.3 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG036495.D

Acq: 31 Aug 2018 2:01

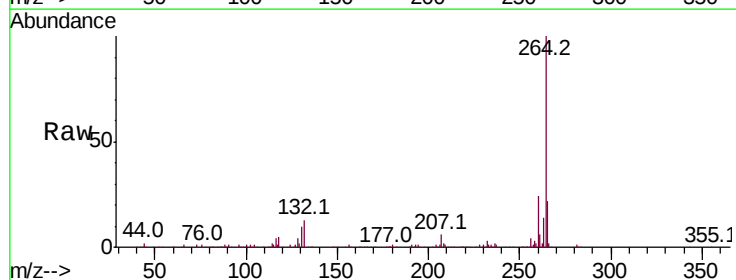
Tgt Ion:264 Resp: 430840

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 22.0 17.4 26.0



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

