

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
 Data File : BG034498.D
 Acq On : 16 May 2018 21:16
 Operator : SJ/JU
 Sample : PB108852BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108852BL

Quant Time: May 17 03:30:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 16 22:24:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	41176	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	182288	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	135736	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	373046	20.00	ng	0.00
75) Chrysene-d12	21.73	240	464598	20.00	ng	0.00
86) Perylene-d12	25.00	264	456228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	404841	151.43	ng	0.00
7) Phenol-d6	7.21	99	604402	139.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	425324	89.13	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	337803	144.50	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	895751	89.59	ng	0.00
78) Terphenyl-d14	20.06	244	2038271	96.21	ng	0.00

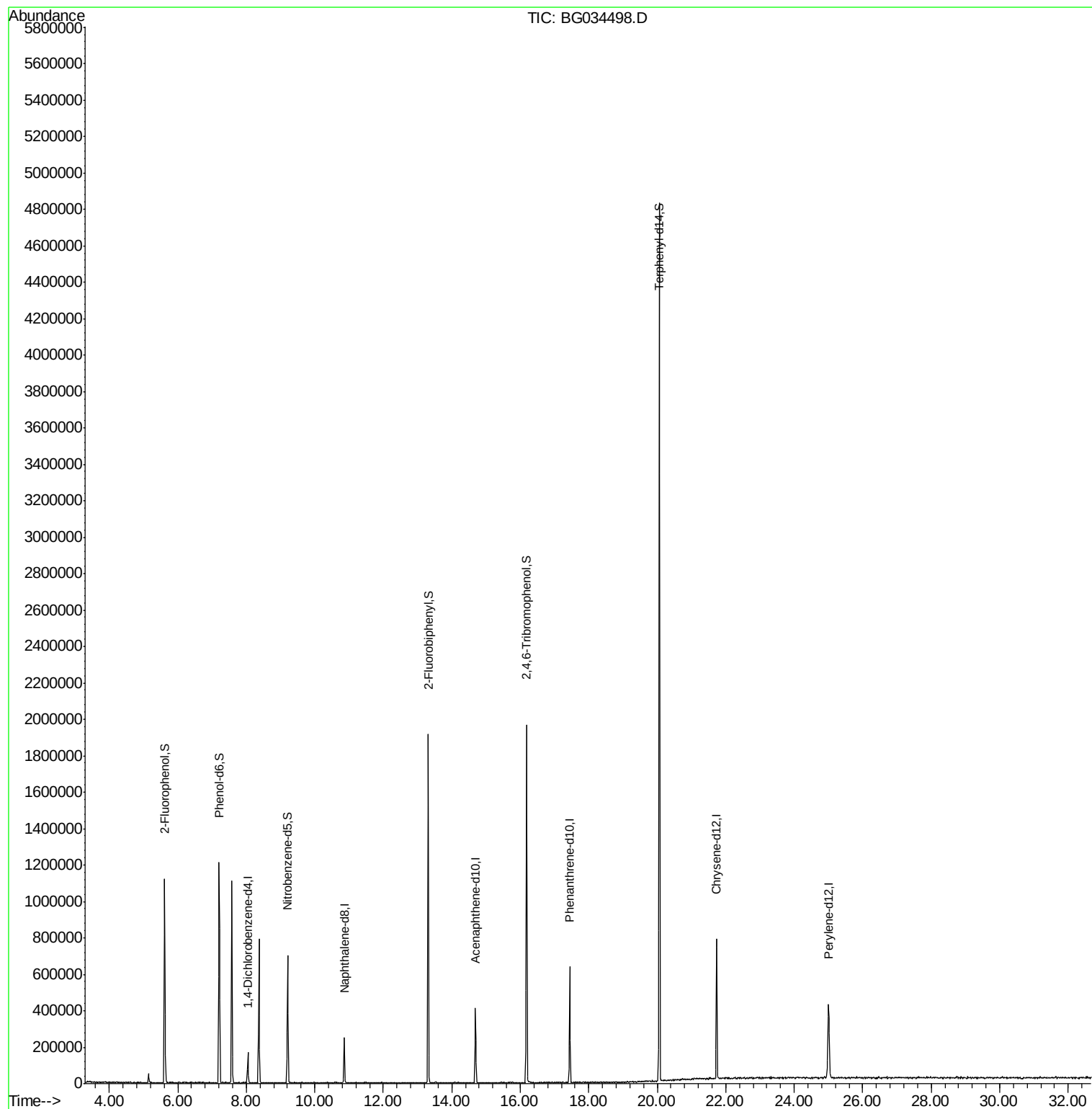
Target Compounds Qvalue

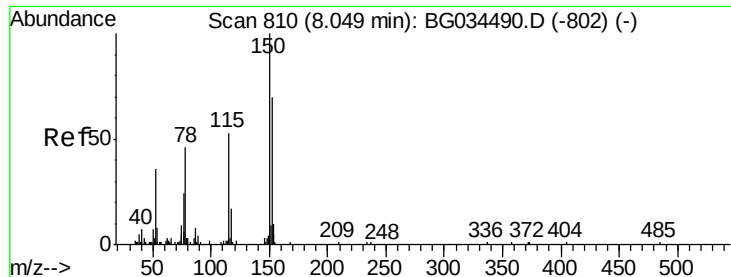
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

Instrument :

BNA_G

ClientSampleId :

PB108852BL

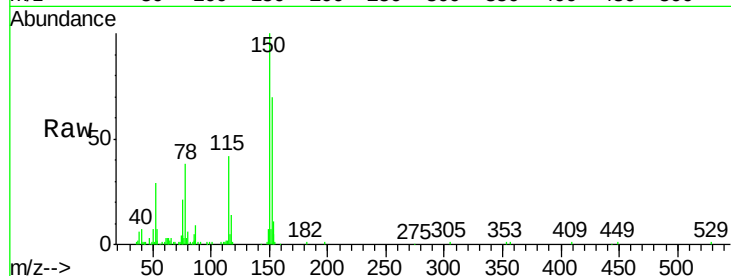
Tot Ion:152 Resp: 41176

Ion Ratio Lower Upper

152 100

150 143.4 126.6 189.8

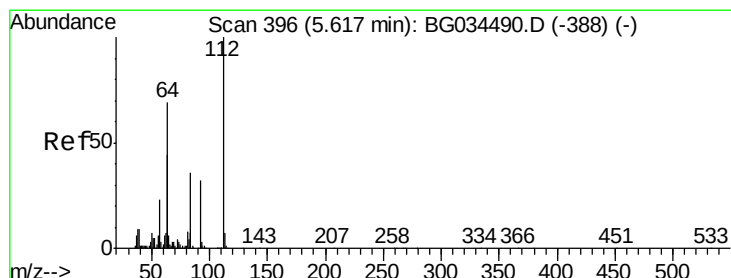
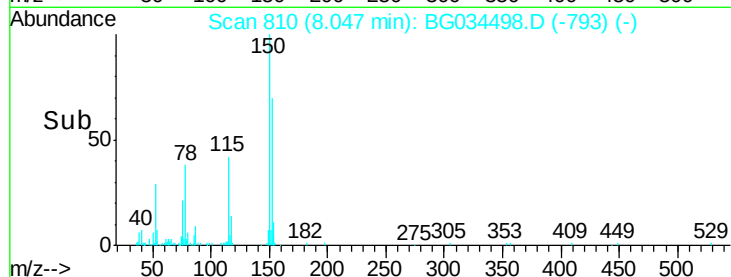
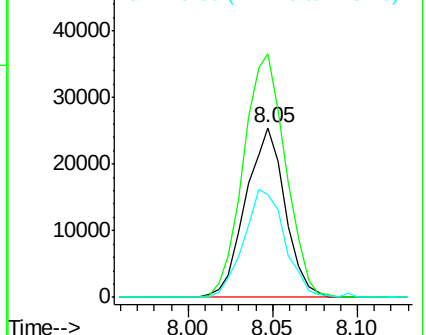
115 60.5 53.0 79.4



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: 151.435 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

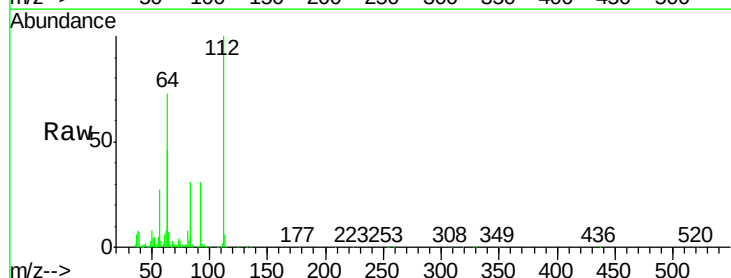
Tgt Ion:112 Resp: 404841

Ion Ratio Lower Upper

112 100

64 73.2 56.3 84.5

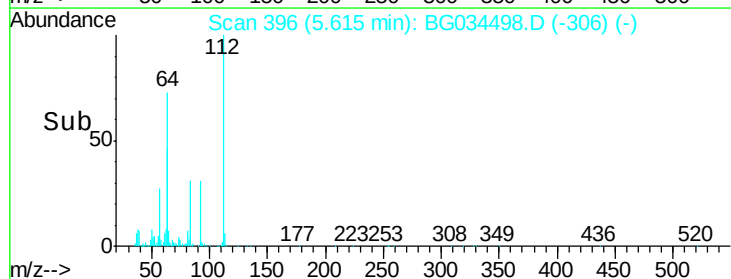
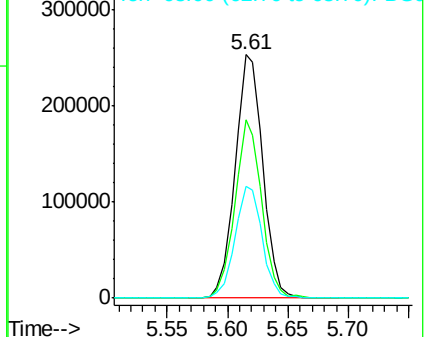
63 46.1 30.1 45.1#

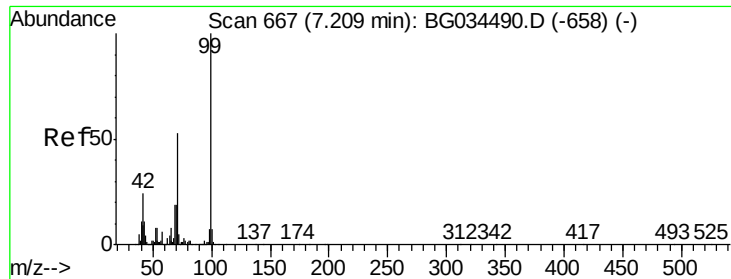


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 139.757 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.01 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

Instrument :

BNA_G

ClientSampleId :

PB108852BL

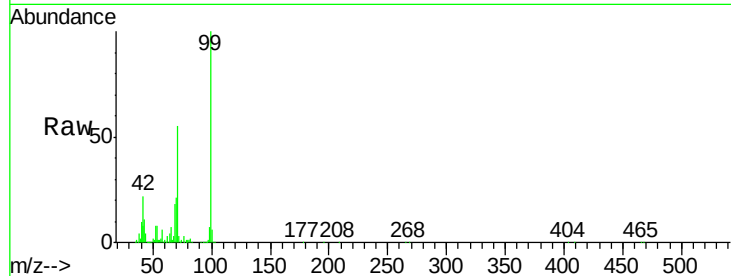
Tot Ion: 99 Resp: 604402

Ion Ratio Lower Upper

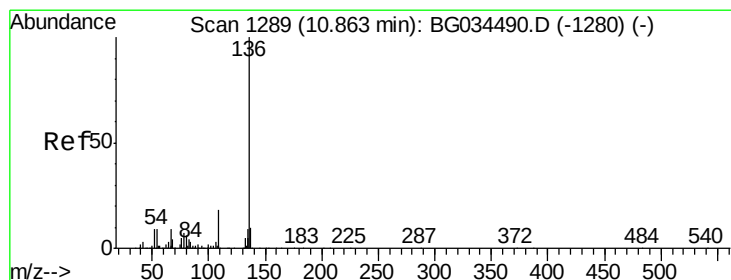
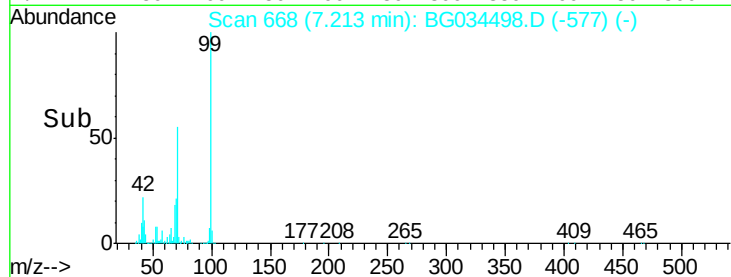
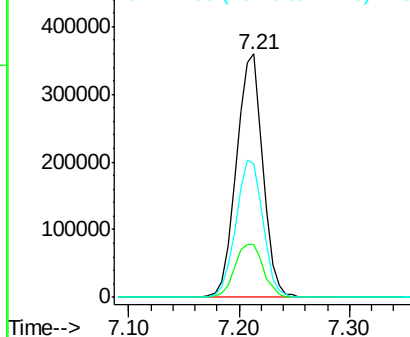
99 100

42 21.8 14.1 21.1#

71 55.0 26.1 39.1#



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: BG034498.D

Acq: 16 May 2018 21:16

Tgt Ion: 136 Resp: 182288

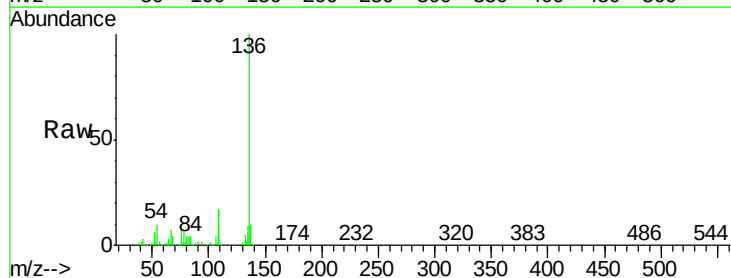
Ion Ratio Lower Upper

136 100

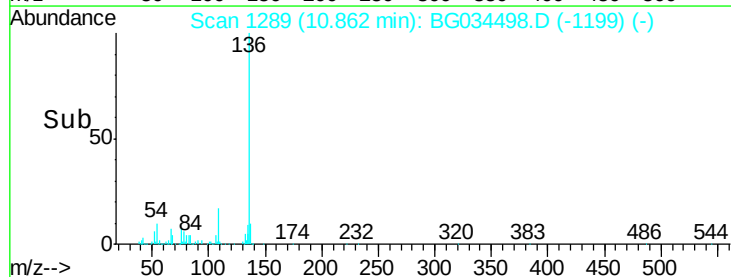
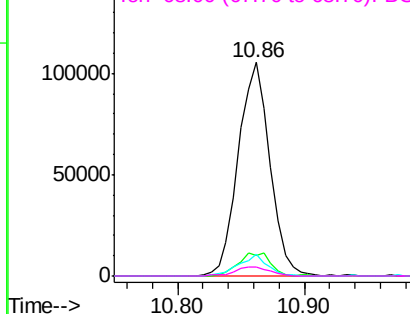
137 9.8 9.2 13.8

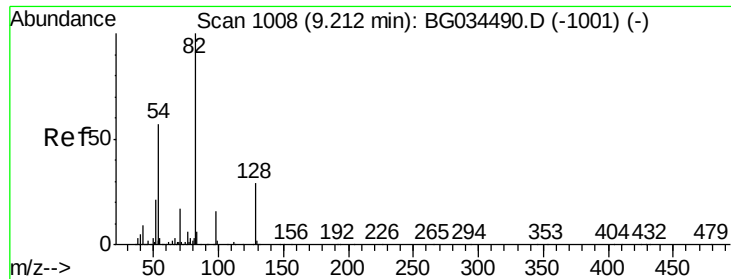
54 10.0 10.3 15.5#

68 4.0 4.5 6.7#



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

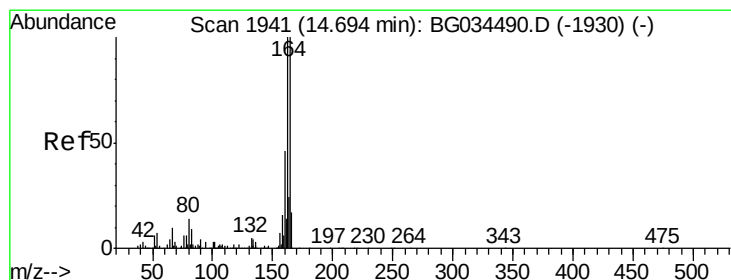
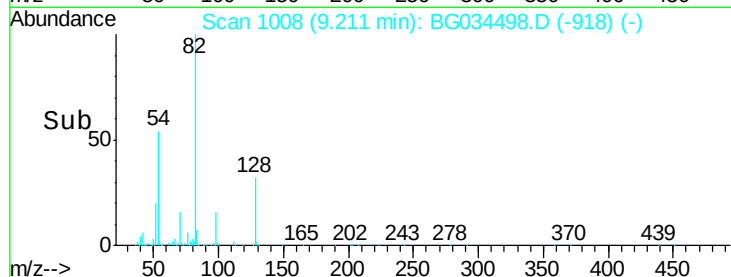
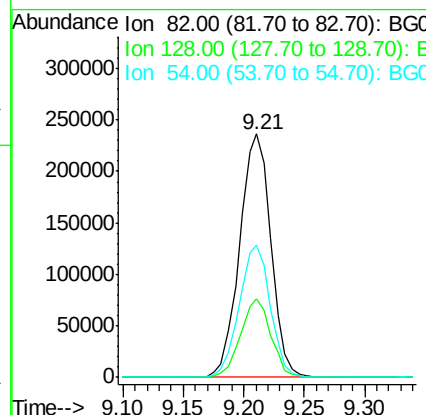
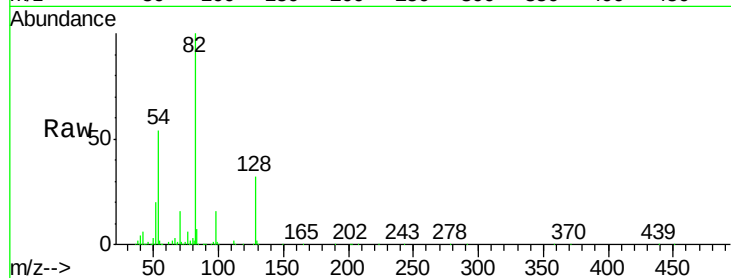




#23
 Nitrobenzene-d5
 Concen: 89.131 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BG034498.D
 Acq: 16 May 2018 21:16

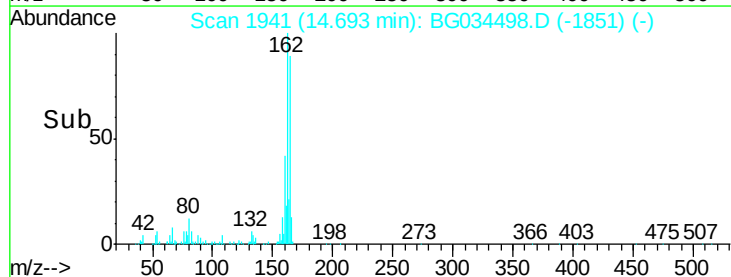
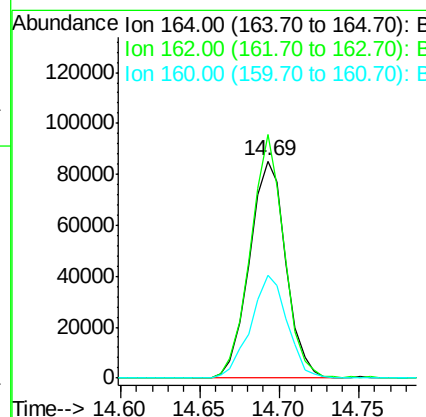
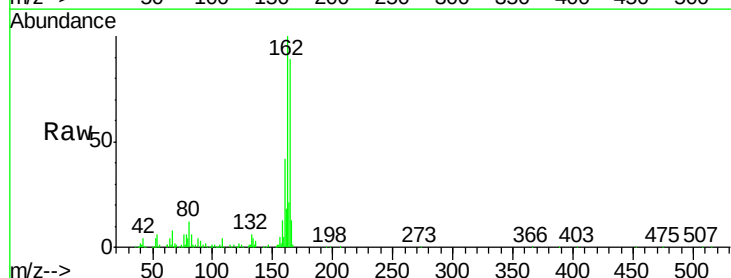
Instrument :
 BNA_G
 ClientSampleId :
 PB108852BL

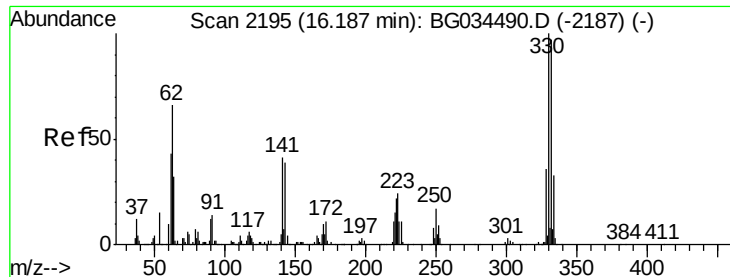
Tot Ion	82	Resp	425324
Ion Ratio	Lower	Upper	
82	100		
128	32.3	29.7	44.5
54	54.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: BG034498.D
 Acq: 16 May 2018 21:16

Tgt Ion	164	Resp	135736
Ion Ratio	Lower	Upper	
164	100		
162	112.1	78.8	118.2
160	47.3	35.4	53.0

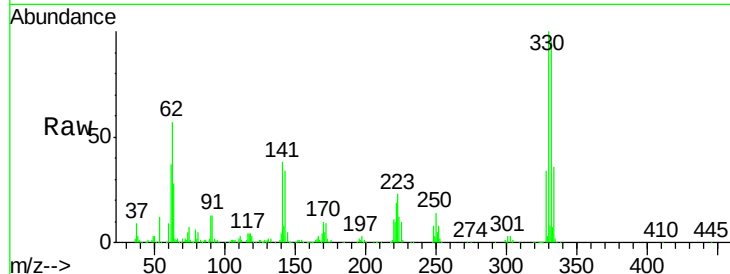




#41
2,4,6-Tribromophenol
Concen: 144.500 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG034498.D
Acq: 16 May 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB108852BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	40.1	25.2	37.8#

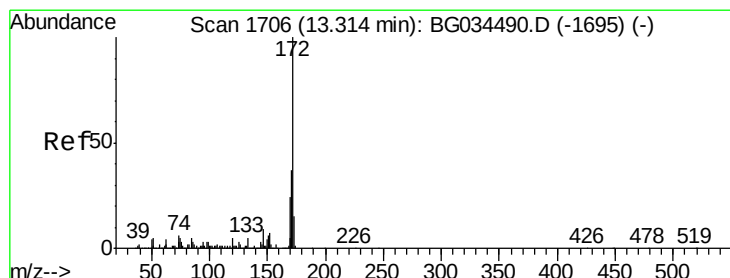
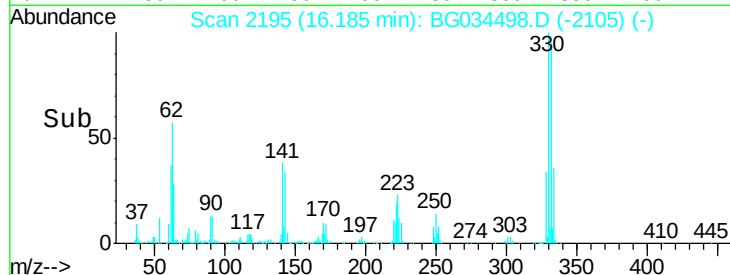
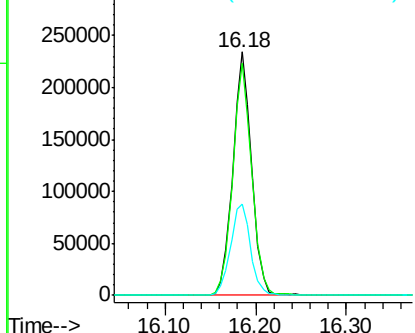


Abundance

Ion 329.80 (329.50 to 330.50): E

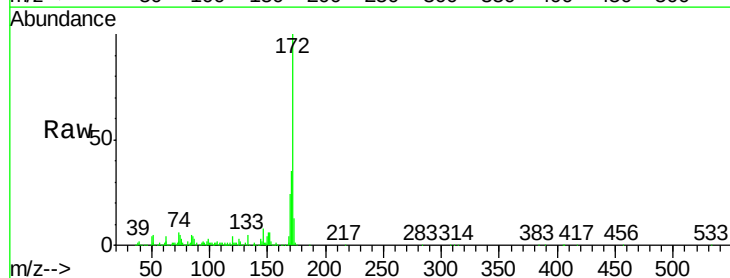
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 89.592 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BG034498.D
Acq: 16 May 2018 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.9	19.5	29.3

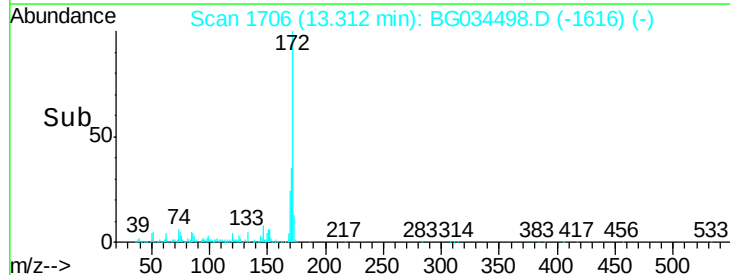
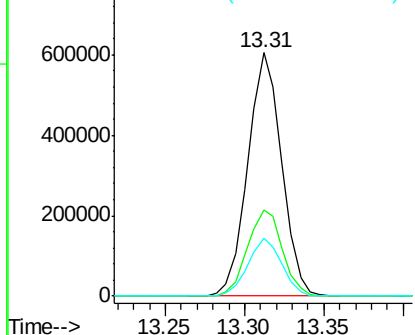


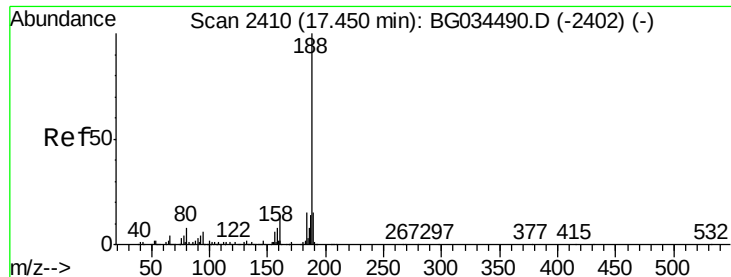
Abundance

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: 17.45 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

Instrument :

BNA_G

ClientSampleId :

PB108852BL

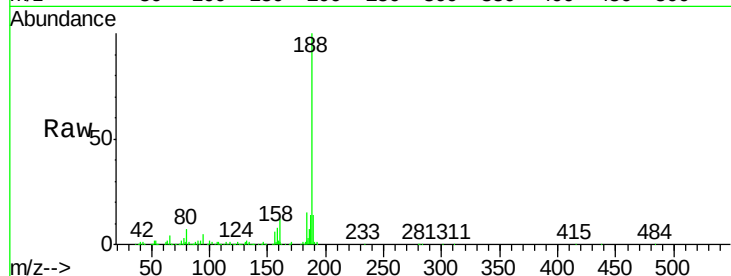
Tot Ion:188 Resp: 373046

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

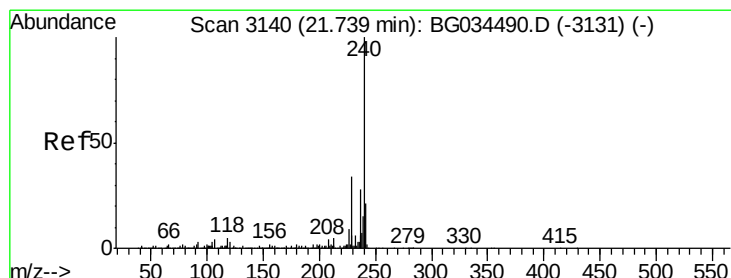
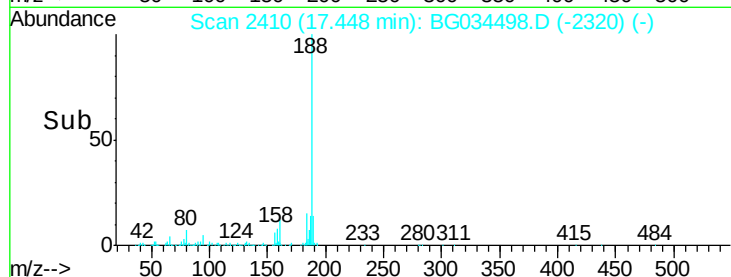
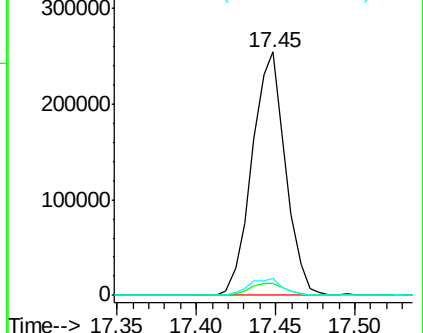
80 7.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

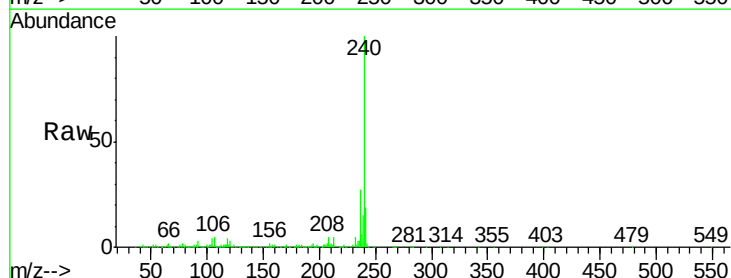
Tgt Ion:240 Resp: 464598

Ion Ratio Lower Upper

240 100

120 3.5 6.8 10.2#

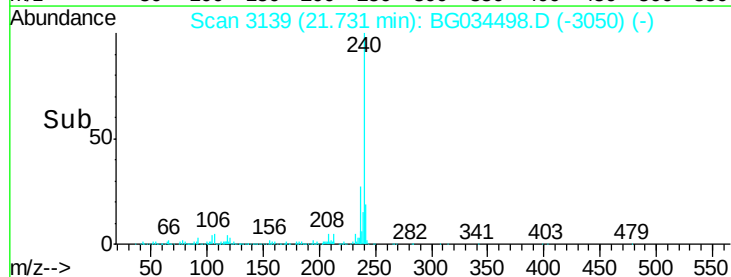
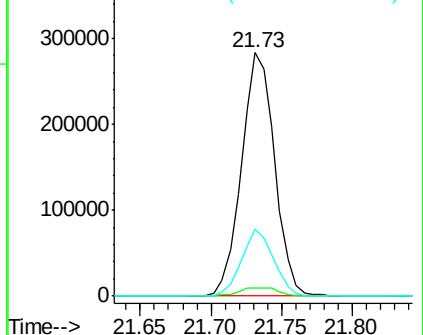
236 27.5 20.9 31.3

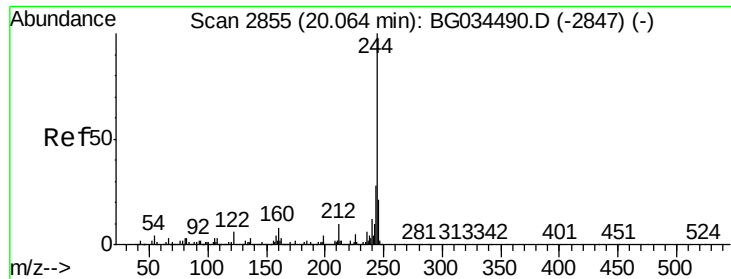


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.209 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

Instrument :

BNA_G

ClientSampleId :

PB108852BL

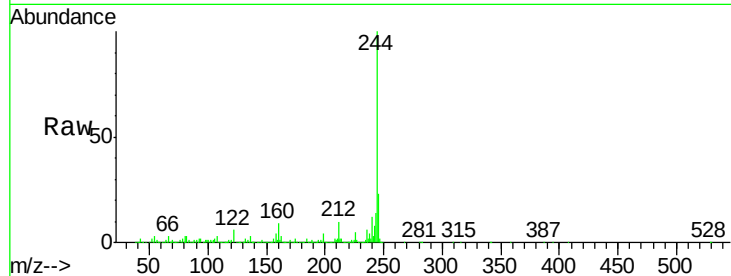
Tot Ion:244 Resp: 2038271

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

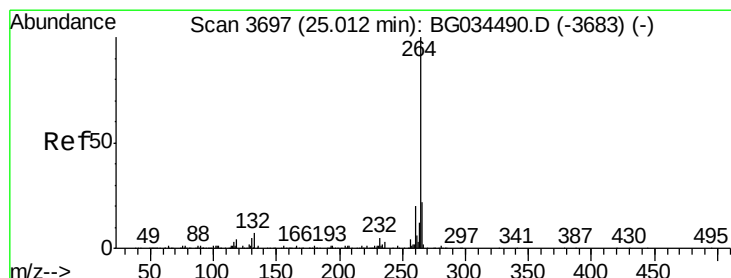
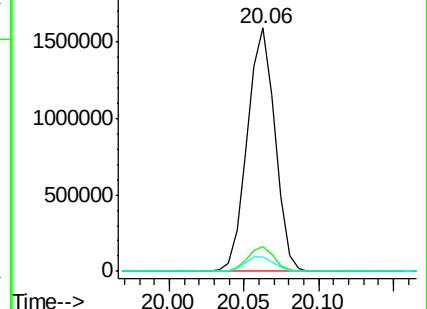
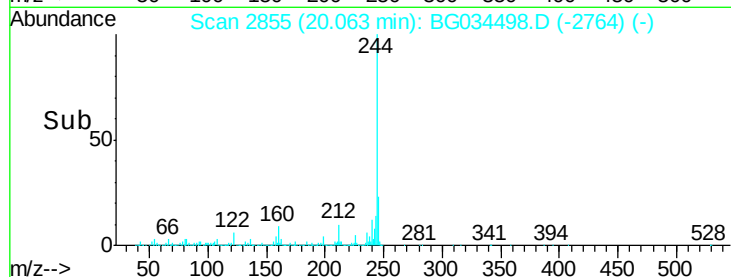
122 6.0 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3696

Delta R.T. -0.00 min

Lab File: BG034498.D

Acq: 16 May 2018 21:16

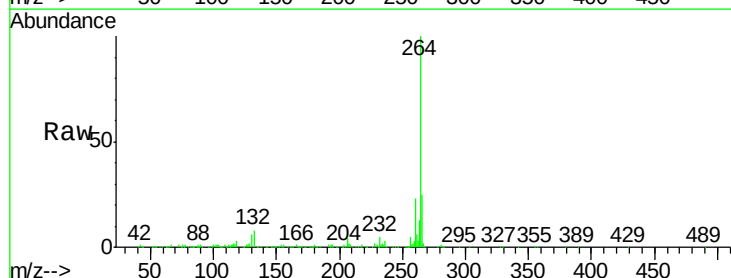
Tgt Ion:264 Resp: 456228

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 24.9 17.7 26.5



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

