

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036385.D
 Acq On : 23 Aug 2018 20:10
 Operator : JU/SJ
 Sample : J4489-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SES-MS-PH4-COA-3QTR

Quant Time: Aug 24 03:44:45 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

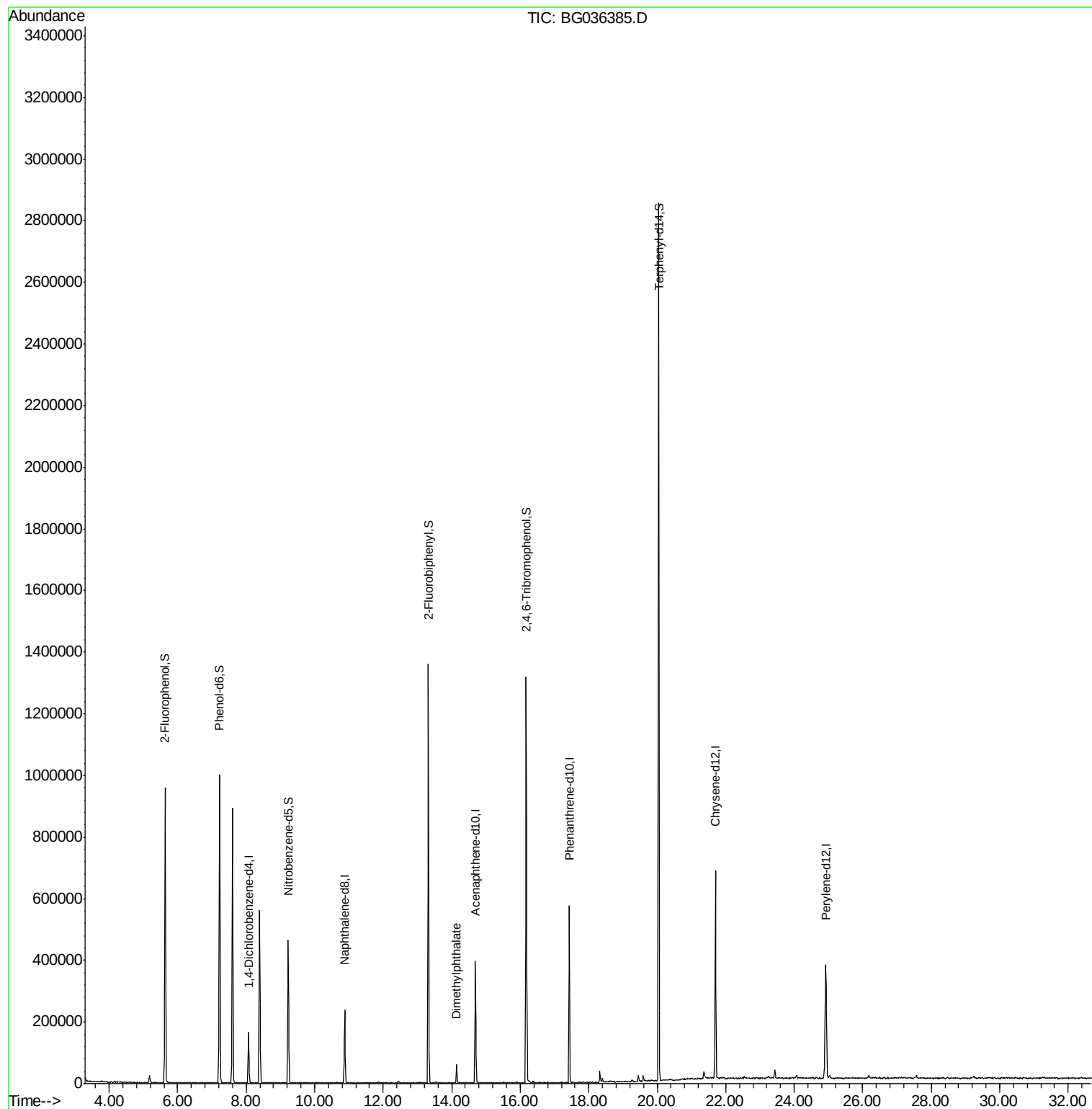
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	45562	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	199394	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	133176	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	359176	20.00	ng	0.00
75) Chrysene-d12	21.70	240	404301	20.00	ng	0.00
86) Perylene-d12	24.92	264	406603	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	392922	136.80	ng	0.00
7) Phenol-d6	7.22	99	554974	134.95	ng	0.00
23) Nitrobenzene-d5	9.23	82	270346	73.56	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	239355	150.62	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	697474	74.78	ng	0.00
78) Terphenyl-d14	20.05	244	1308491	75.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.14	163	38756	3.564	ng	Qvalue 100

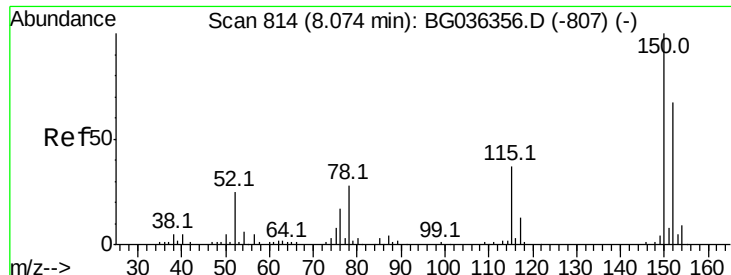
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-3QTR

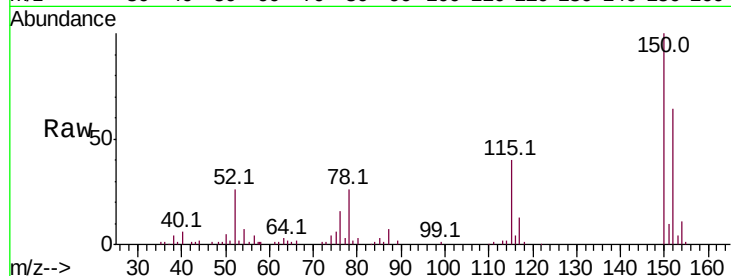
Tot Ion:152 Resp: 45562

Ion Ratio Lower Upper

152 100

150 156.1 119.5 179.3

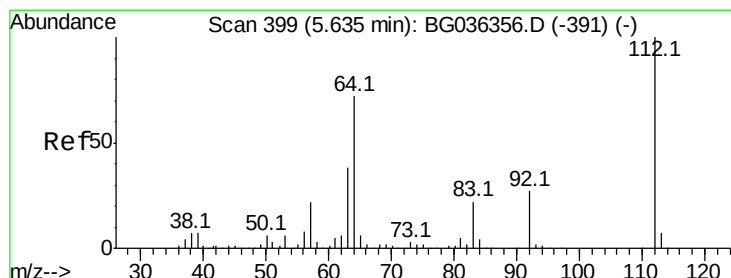
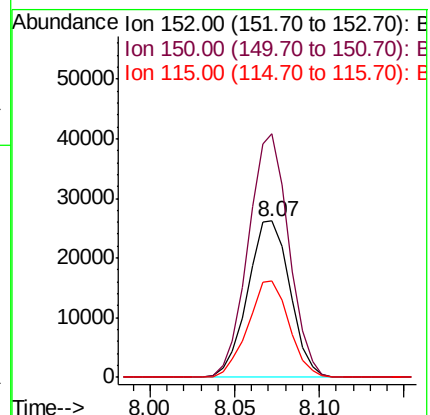
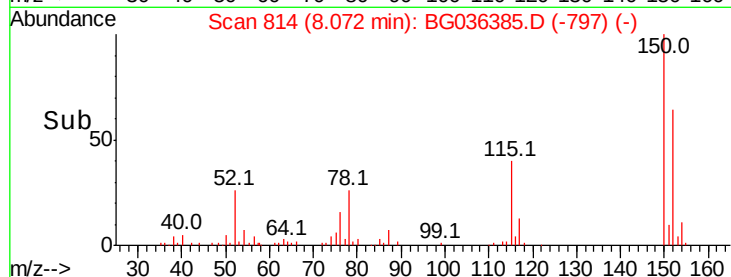
115 61.8 44.5 66.7



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: 136.800 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

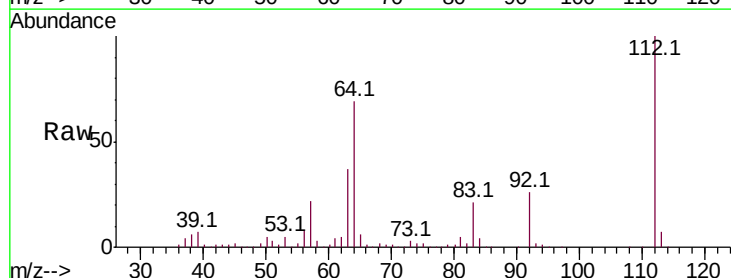
Tgt Ion:112 Resp: 392922

Ion Ratio Lower Upper

112 100

64 69.0 57.2 85.8

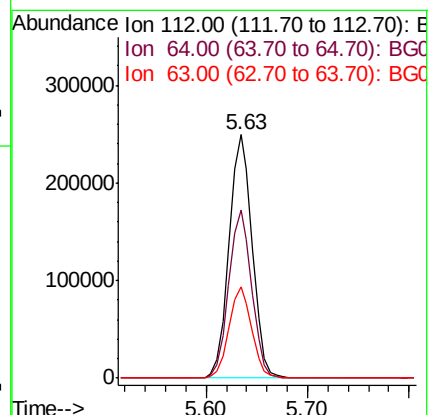
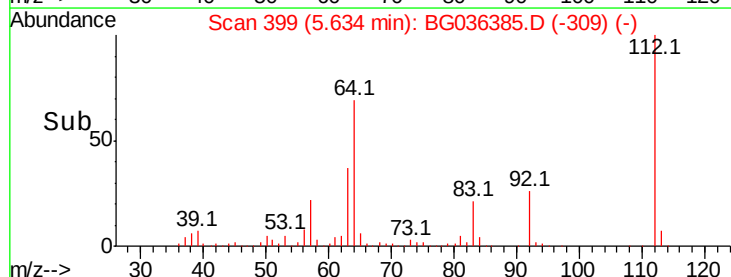
63 37.3 30.8 46.2

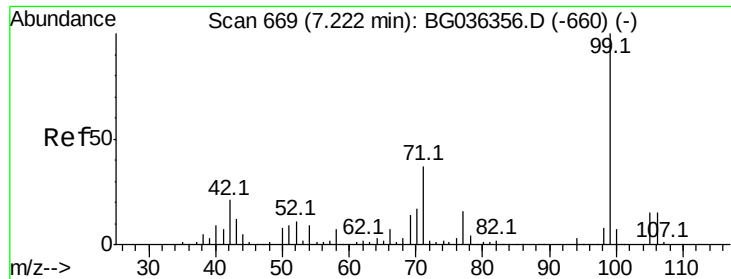


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.954 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-3QTR

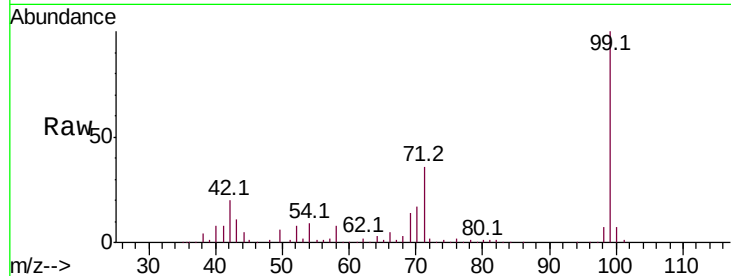
Tot Ion: 99 Resp: 554974

Ion Ratio Lower Upper

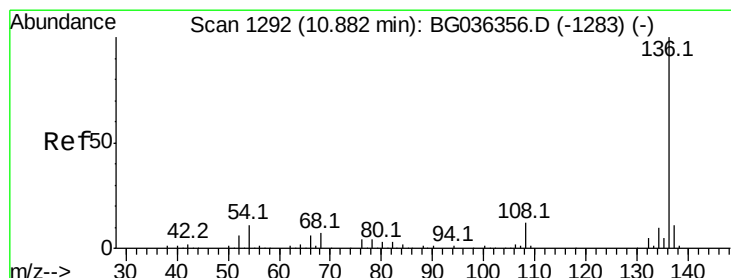
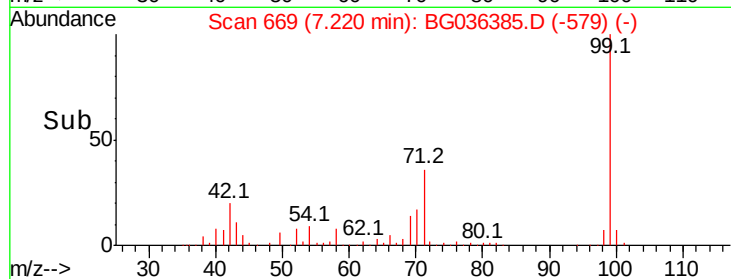
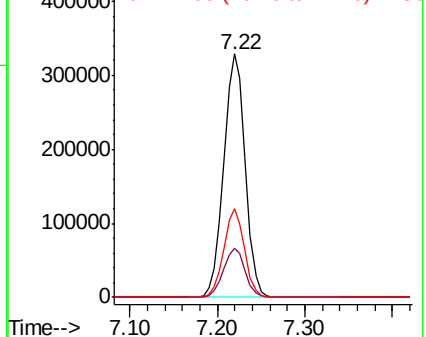
99 100

42 20.2 16.5 24.7

71 36.4 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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

Tgt Ion: 136 Resp: 199394

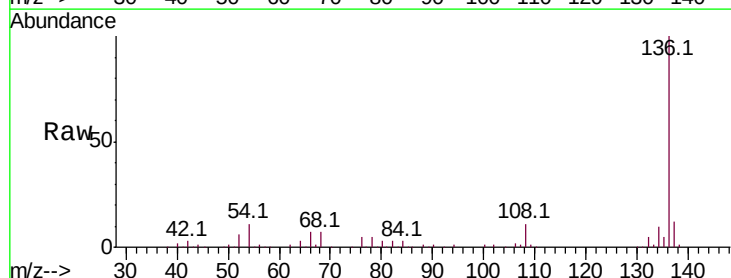
Ion Ratio Lower Upper

136 100

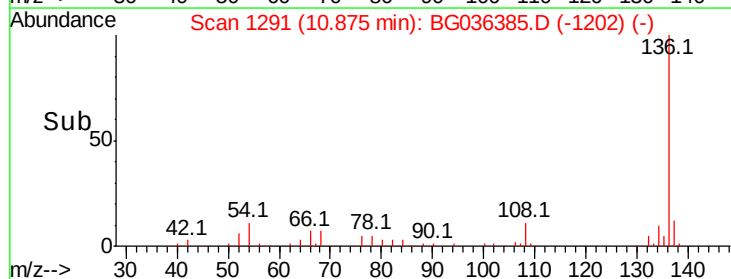
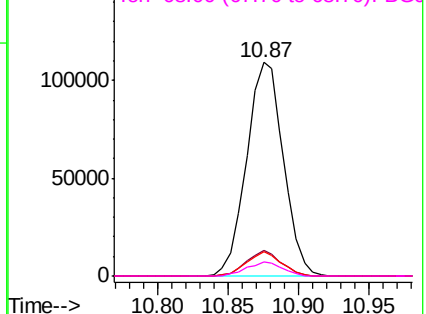
137 12.2 8.8 13.2

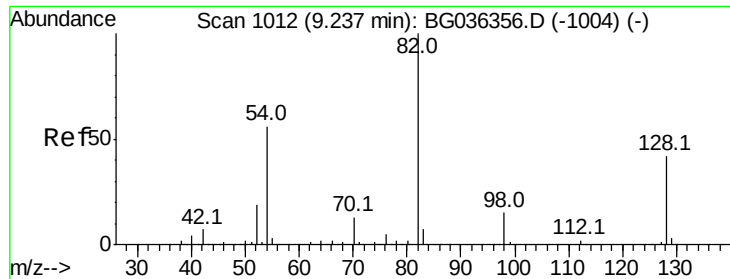
54 11.5 9.2 13.8

68 6.9 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

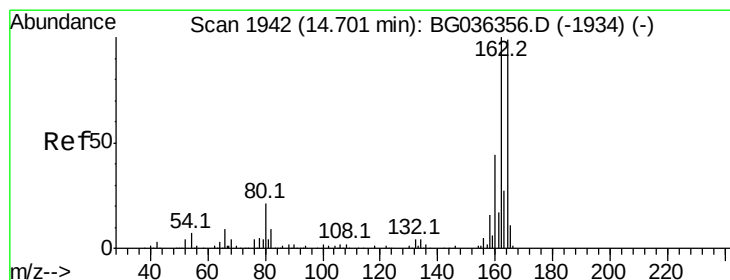
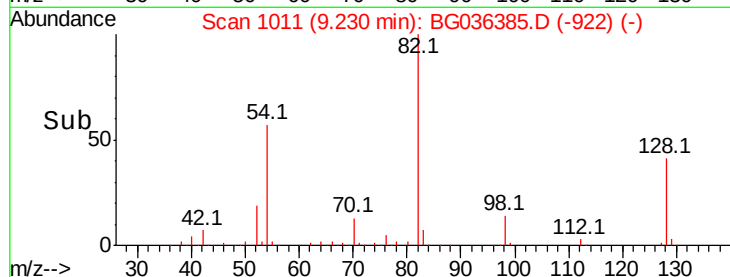
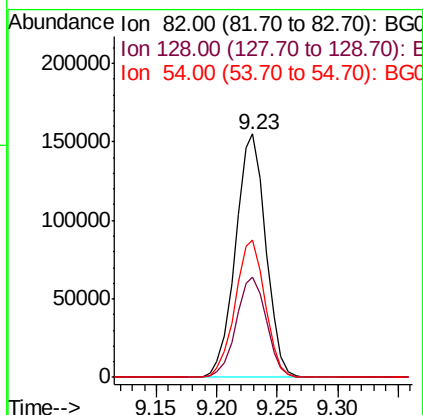
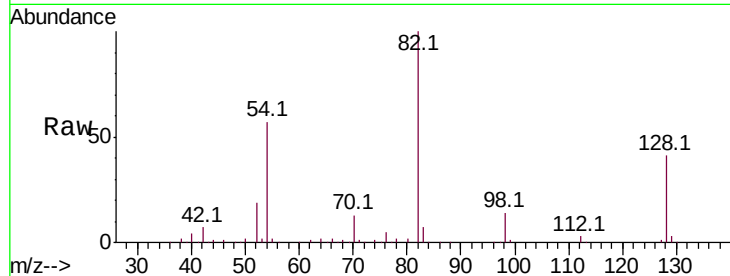




#23
 Nitrobenzene-d5
 Concen: 73.563 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036385.D
 Acq: 23 Aug 2018 20:10

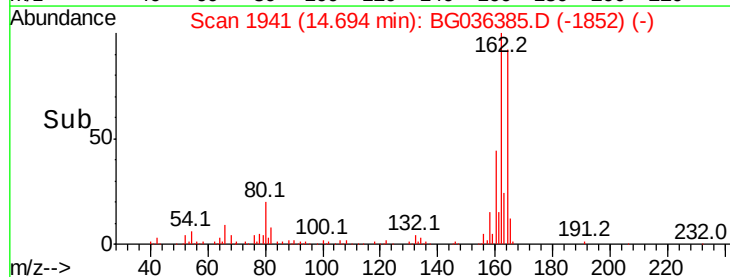
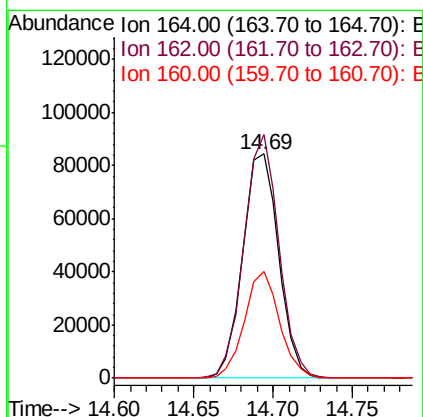
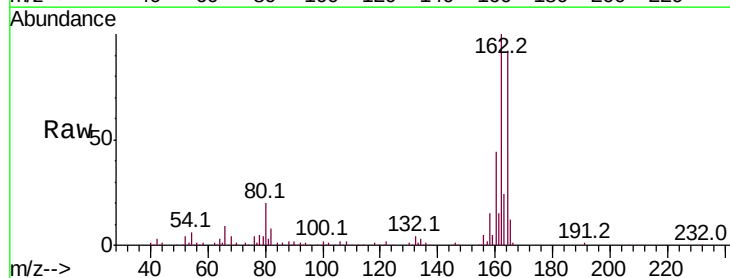
Instrument :
 BNA_G
 ClientSampleId :
 SES-MS-PH4-COA-3QTR

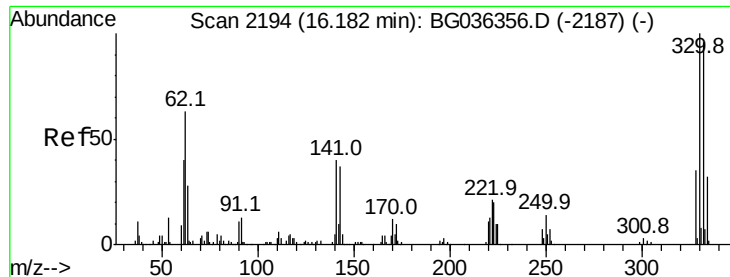
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	56.5	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036385.D
 Acq: 23 Aug 2018 20:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.5	80.7	121.1
160	47.7	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 150.624 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-3QTR

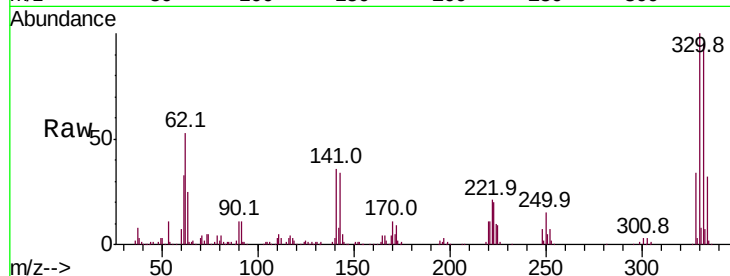
Tot Ion:330 Resp: 239355

Ion Ratio Lower Upper

330 100

332 97.3 75.4 113.2

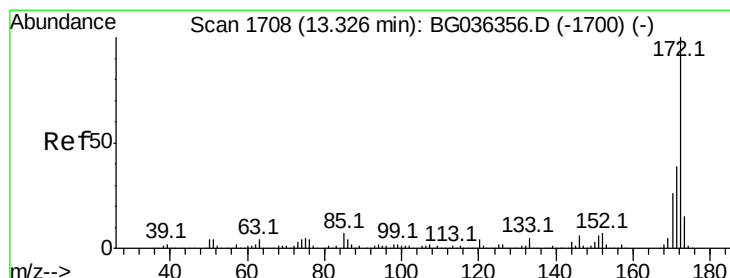
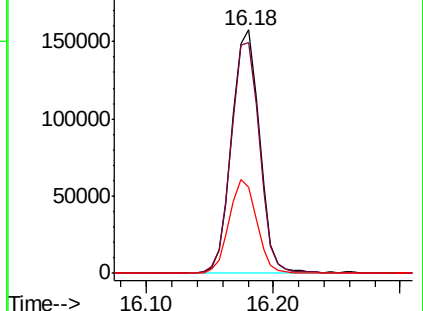
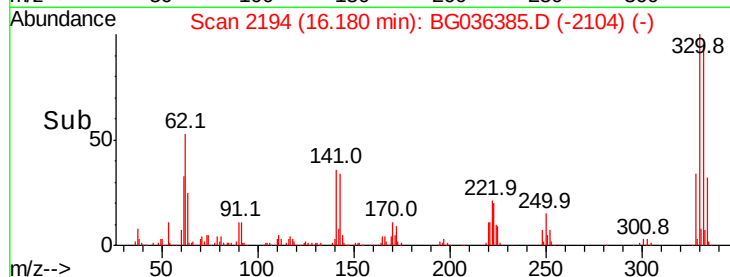
141 38.2 30.7 46.1



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: 74.778 ng

RT: 13.32 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

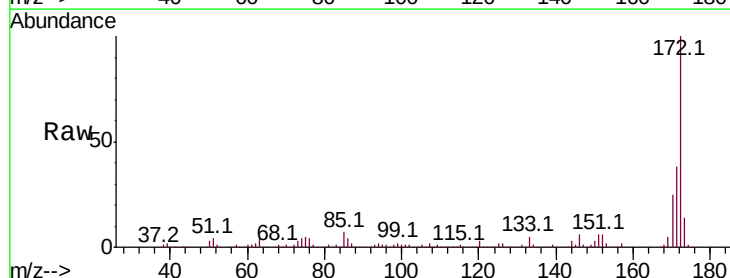
Tgt Ion:172 Resp: 697474

Ion Ratio Lower Upper

172 100

171 38.0 31.3 46.9

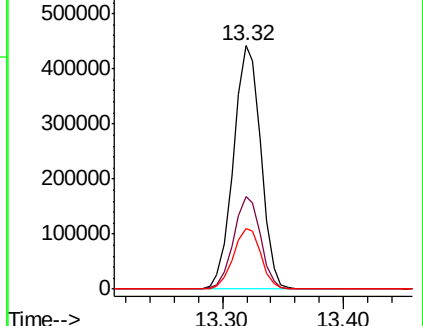
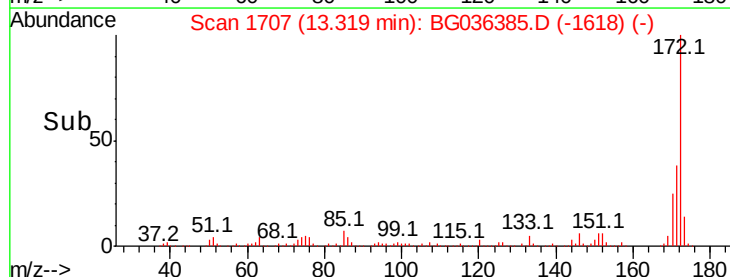
170 24.9 21.0 31.6

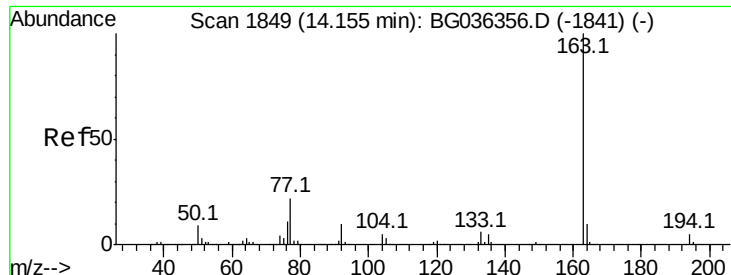


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

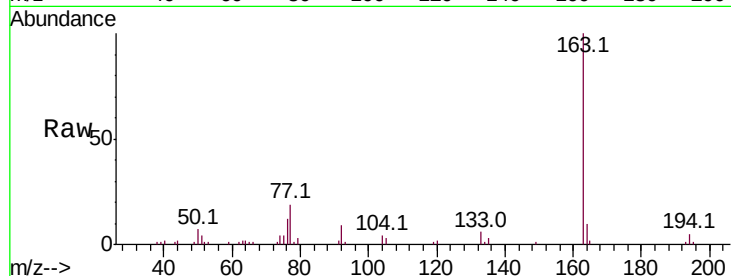




#49
Dimethylphthalate
Concen: 3.564 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BG036385.D
Acq: 23 Aug 2018 20:10

Instrument :
BNA_G
ClientSampleId :
SES-MS-PH4-COA-3QTR

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.0	6.0
164	10.0	8.1	12.1

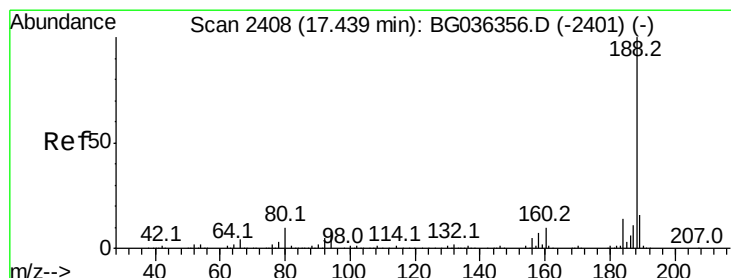
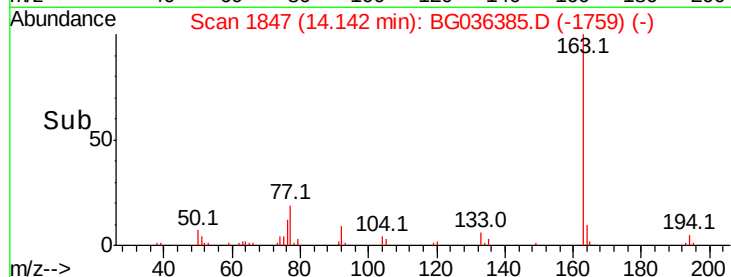
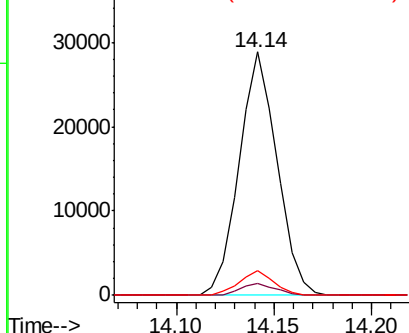


Abundance

Ion 163.00 (162.70 to 163.70): E

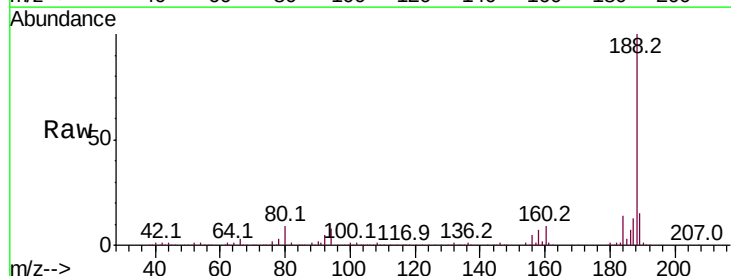
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG036385.D
Acq: 23 Aug 2018 20:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.8	8.1	12.1

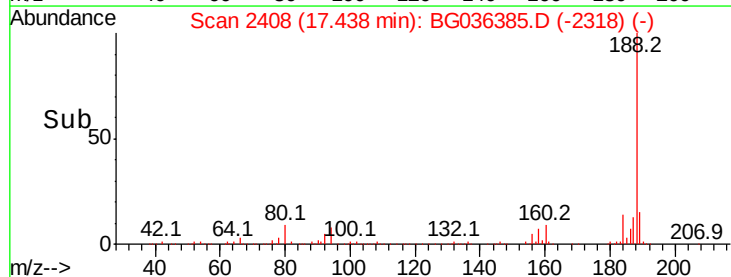
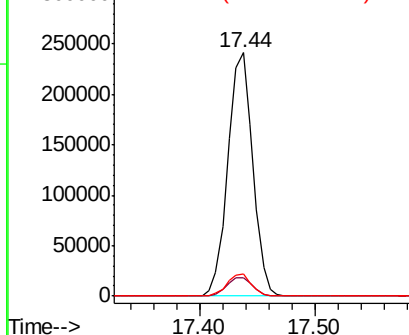


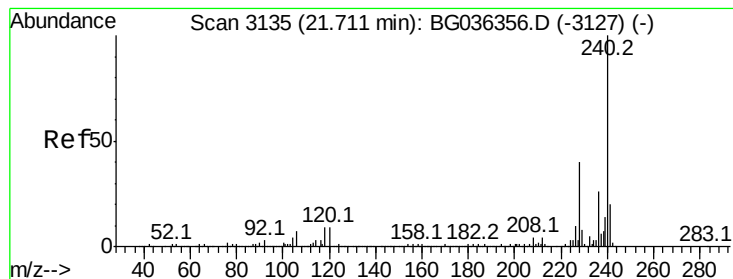
Abundance

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: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-3QTR

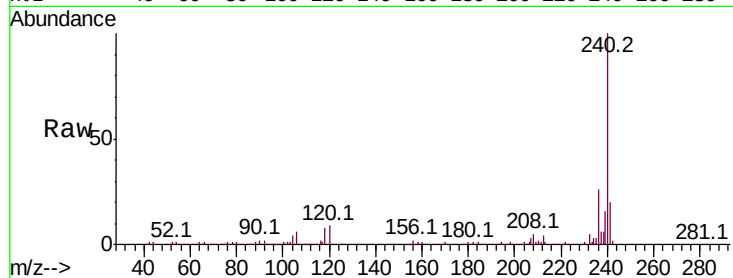
Tot Ion:240 Resp: 404301

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

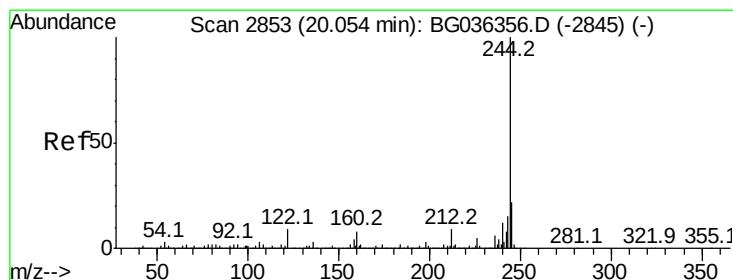
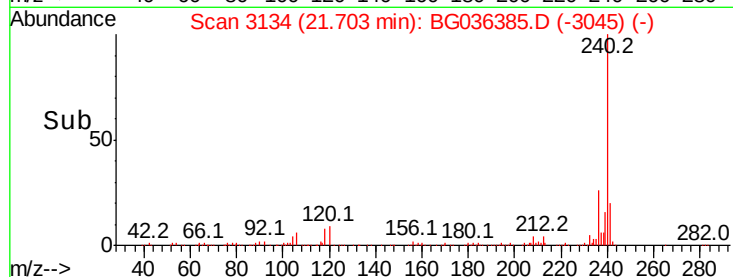
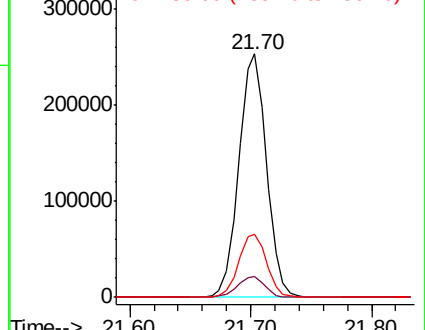
236 25.8 21.2 31.8



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: 75.646 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

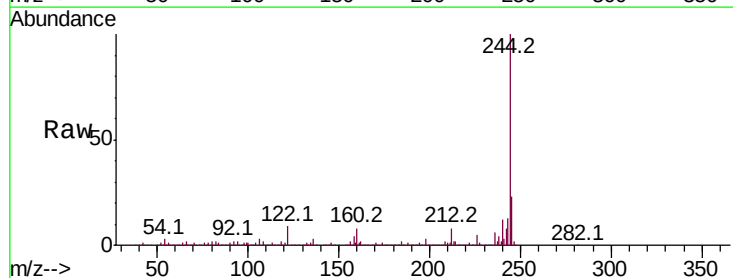
Tgt Ion:244 Resp: 1308491

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

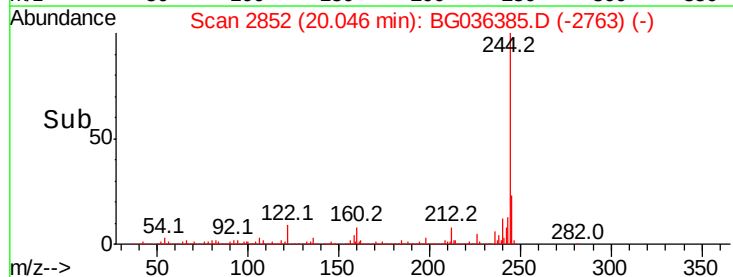
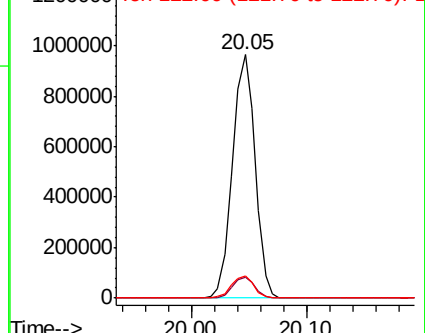
122 9.2 7.1 10.7

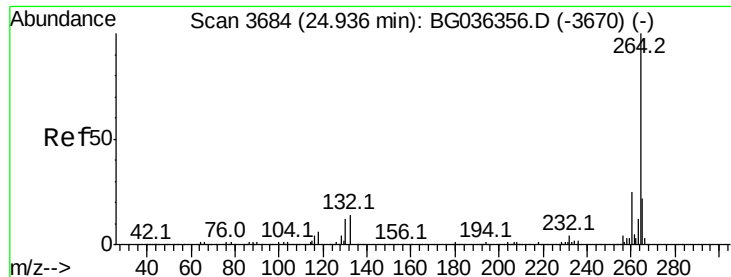


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.01 min
Lab File: BG036385.D
Acq: 23 Aug 2018 20:10

Instrument :
BNA_G
ClientSampleId :
SES-MS-PH4-COA-3QTR

Tot Ion:264	Resp:	406603
Ion	Ratio	Lower Upper
264	100	
260	24.0	19.6 29.4
265	22.0	17.4 26.0

