

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042592.D
 Acq On : 30 Aug 2019 9:40
 Operator : HP/JU
 Sample : PB122614BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BL

Quant Time: Aug 30 16:24:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37088	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	141644	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	104774	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	253729	20.00	ng	0.00
76) Chrysene-d12	21.69	240	269333	20.00	ng	0.00
87) Perylene-d12	24.92	264	318654	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	235267	128.47	ng	0.00
7) Phenol-d6	7.17	99	309004	124.92	ng	0.00
23) Nitrobenzene-d5	9.17	82	175245	85.50	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	197965	132.93	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	587327	94.81	ng	0.00
79) Terphenyl-d14	20.02	244	1143397	91.78	ng	0.00

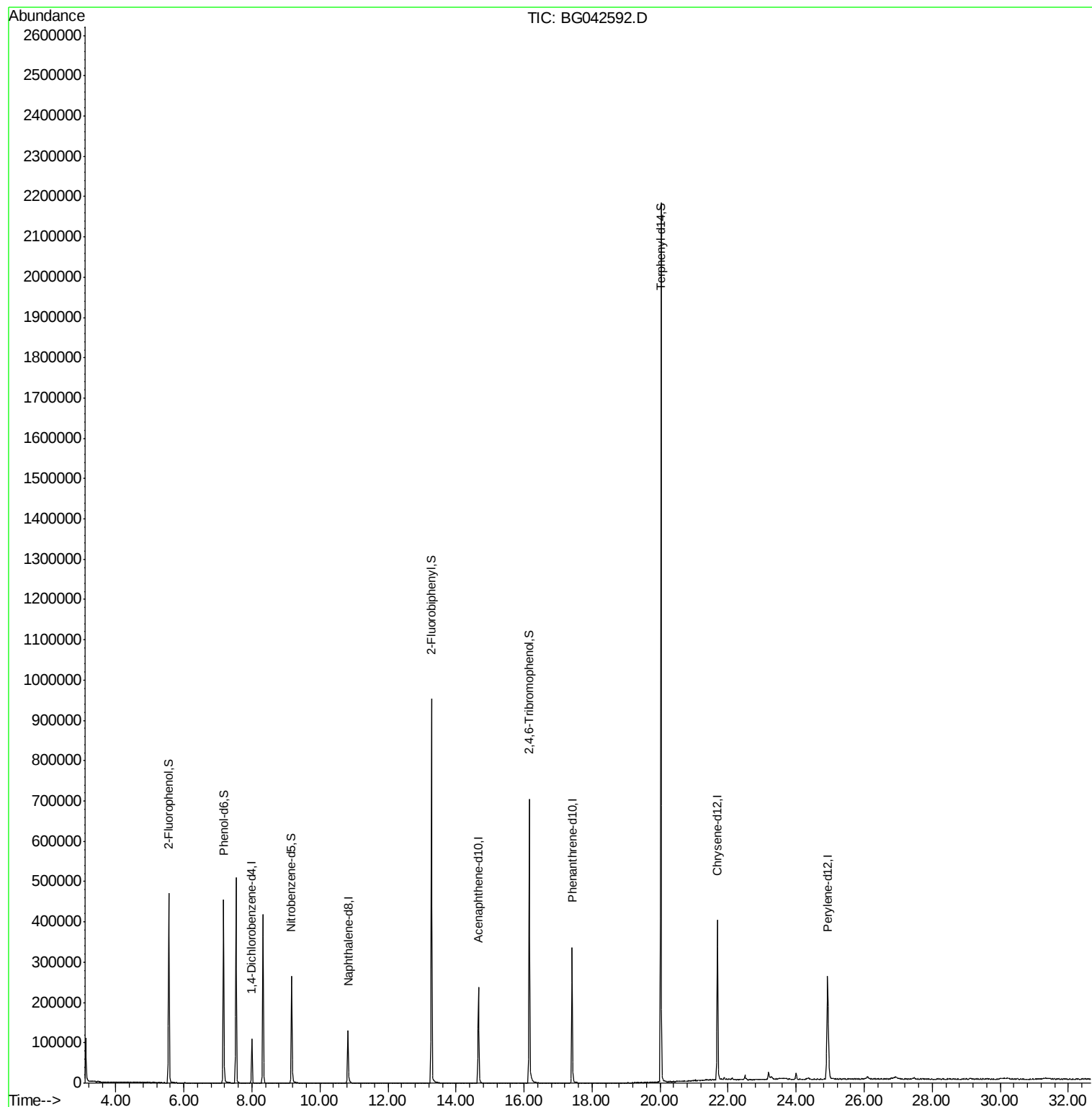
Target Compounds Qvalue

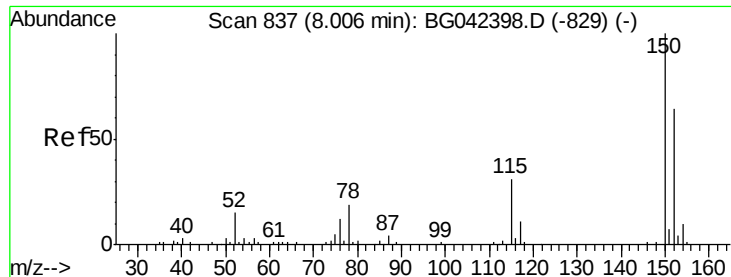
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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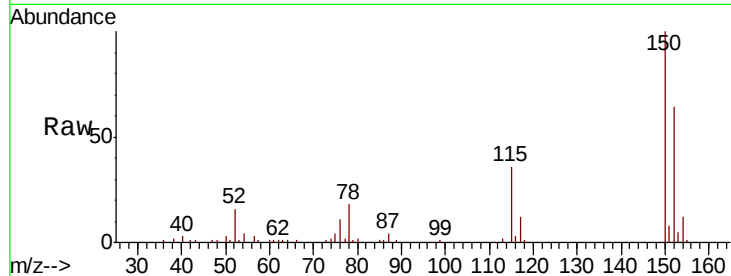


#1

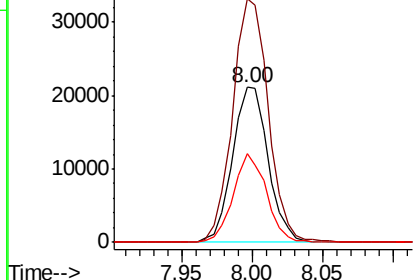
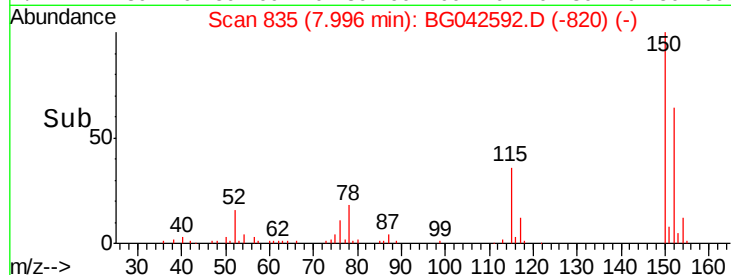
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042592.D
Acq: 30 Aug 2019 9:40

Instrument :
BNA_G
ClientSampleId :
PB122614BL

Tot Ion:152 Resp: 37088
Ion Ratio Lower Upper
152 100
150 157.3 125.4 188.0
115 57.3 38.5 57.7



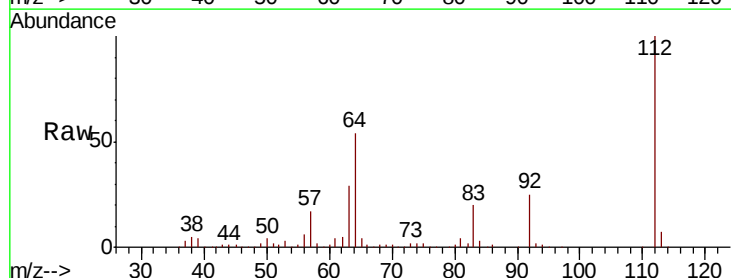
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



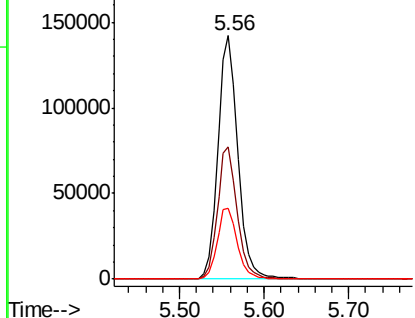
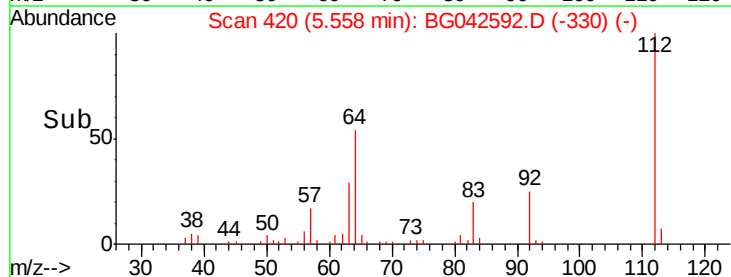
#5

2-Fluorophenol
Concen: 128.474 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042592.D
Acq: 30 Aug 2019 9:40

Tgt Ion:112 Resp: 235267
Ion Ratio Lower Upper
112 100
64 54.2 42.8 64.2
63 28.9 22.7 34.1



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: 124.921 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042592.D

Acq: 30 Aug 2019 9:40

Instrument :

BNA_G

ClientSampleId :

PB122614BL

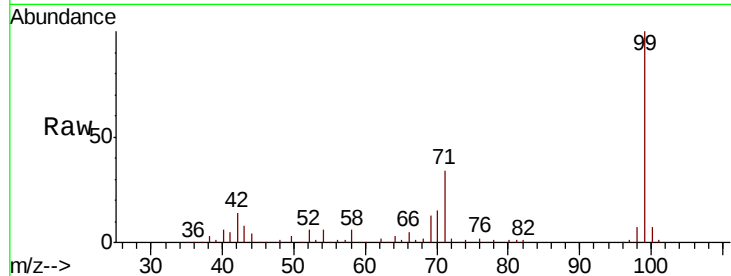
Tot Ion: 99 Resp: 309004

Ion Ratio Lower Upper

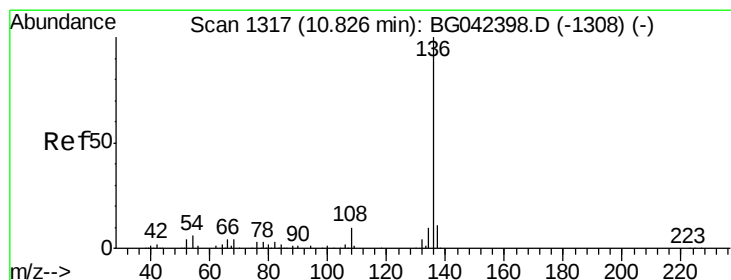
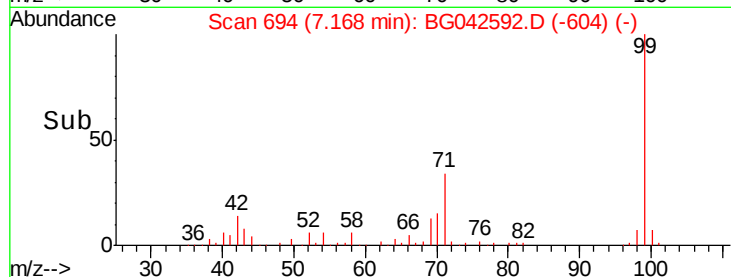
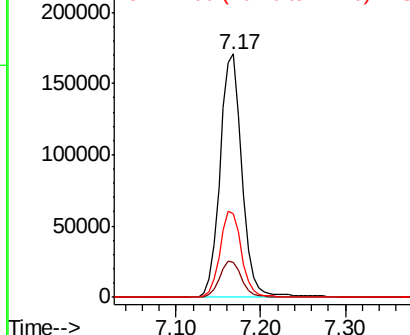
99 100

42 14.4 12.0 18.0

71 34.3 26.3 39.5



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: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042592.D

Acq: 30 Aug 2019 9:40

Tgt Ion: 136 Resp: 141644

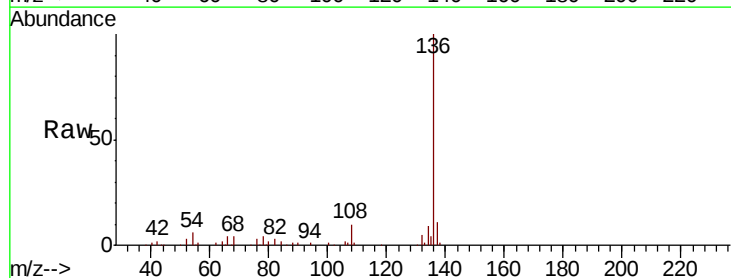
Ion Ratio Lower Upper

136 100

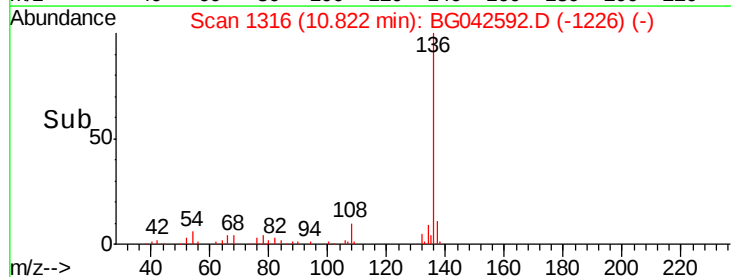
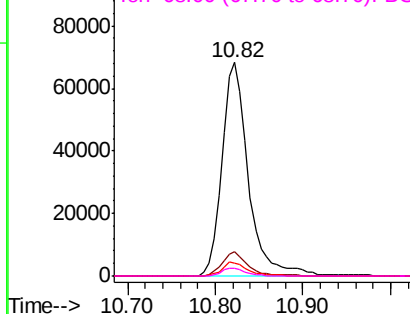
137 11.2 8.7 13.1

54 5.8 4.9 7.3

68 3.6 3.6 5.4



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

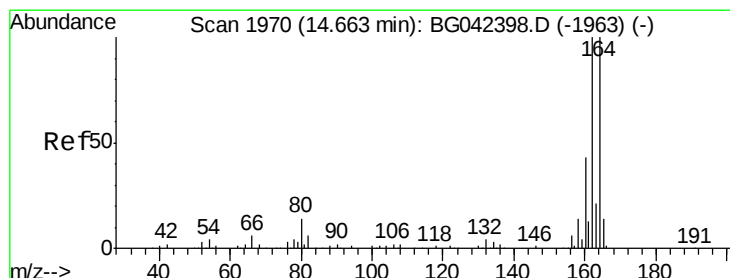
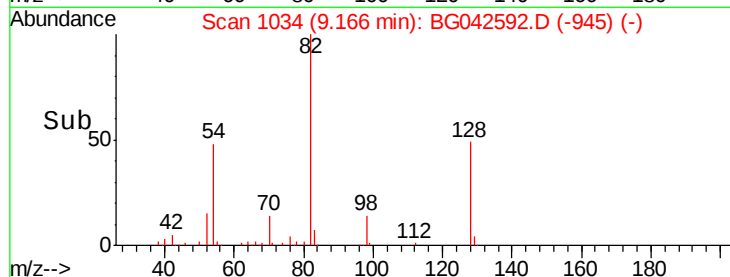
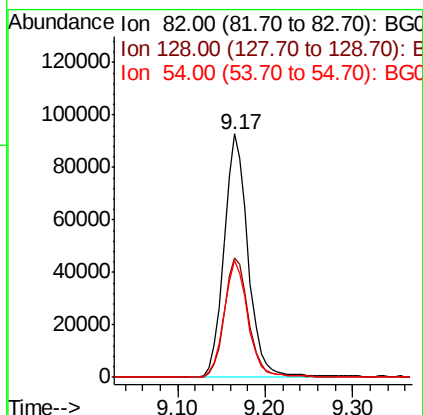
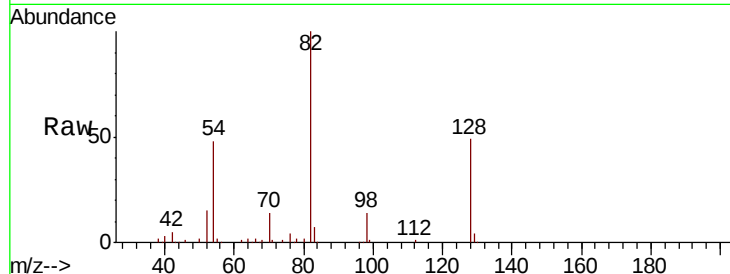




#23
 Nitrobenzene-d5
 Concen: 85.497 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042592.D
 Acq: 30 Aug 2019 9:40

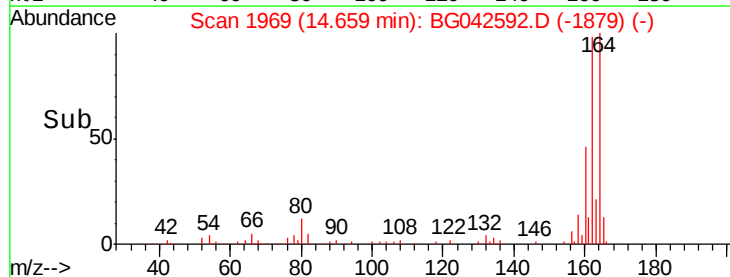
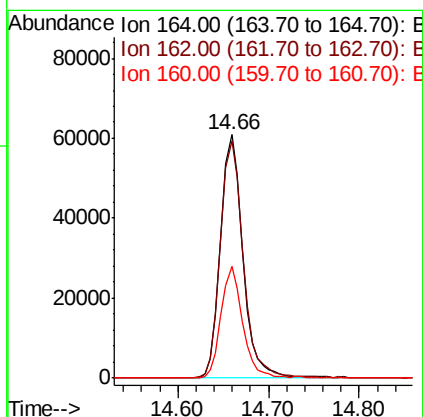
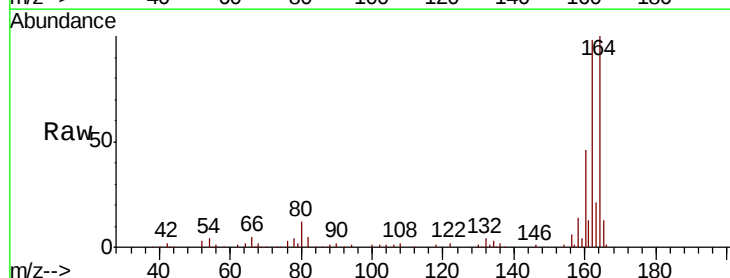
Instrument :
 BNA_G
 ClientSampleId :
 PB122614BL

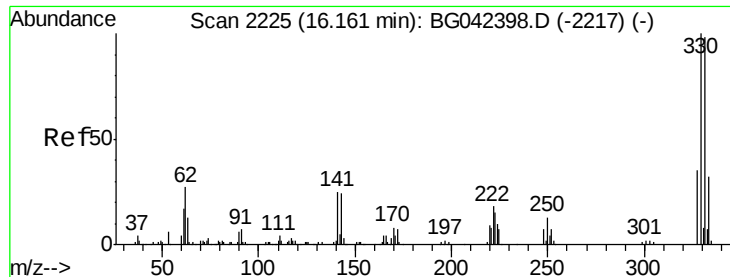
Tot Ion	82	Resp	175245
Ion Ratio	Lower	Upper	
82	100		
128	49.3	40.7	61.1
54	47.8	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG042592.D
 Acq: 30 Aug 2019 9:40

Tgt Ion	164	Resp	104774
Ion Ratio	Lower	Upper	
164	100		
162	97.5	79.9	119.9
160	45.8	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 132.935 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042592.D

Acq: 30 Aug 2019 9:40

Instrument :

BNA_G

ClientSampleId :

PB122614BL

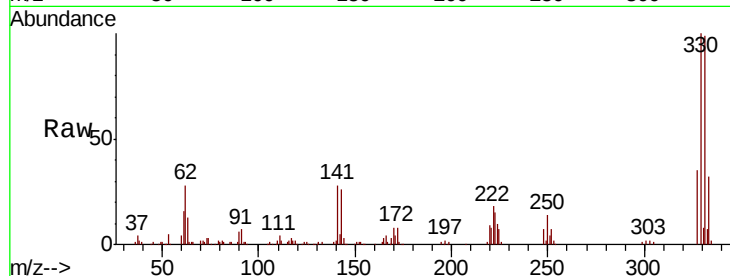
Tot Ion:330 Resp: 197965

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

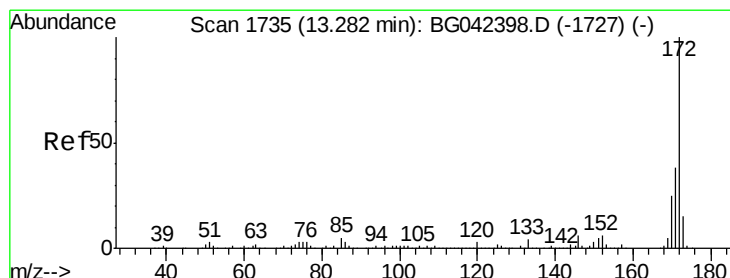
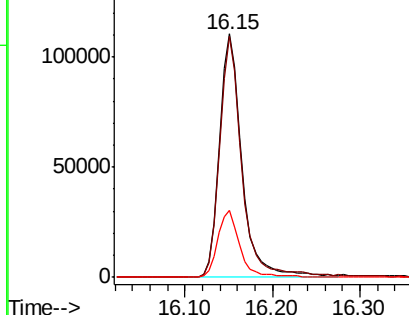
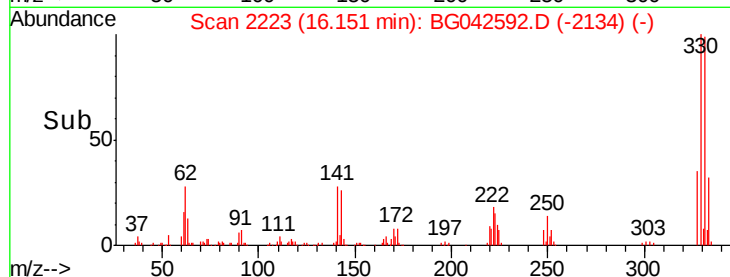
141 27.2 21.4 32.0



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



#45

2-Fluorobiphenyl

Concen: 94.808 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042592.D

Acq: 30 Aug 2019 9:40

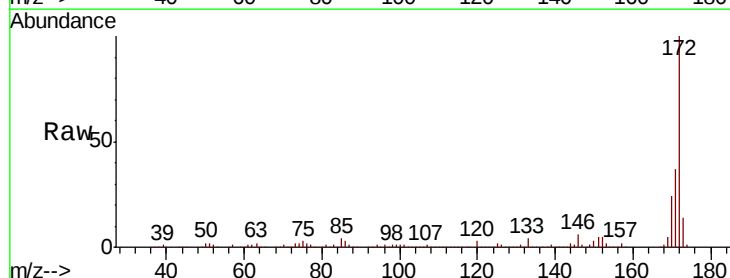
Tgt Ion:172 Resp: 587327

Ion Ratio Lower Upper

172 100

171 37.3 30.5 45.7

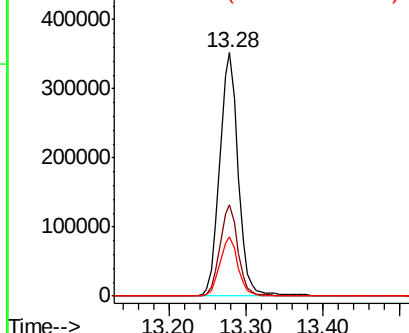
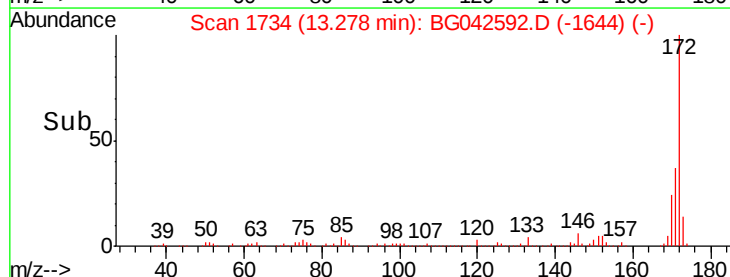
170 24.2 20.2 30.2



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

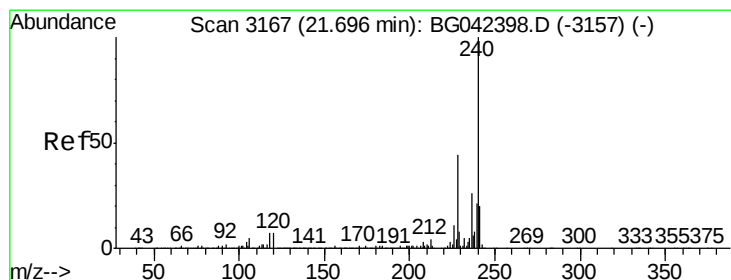
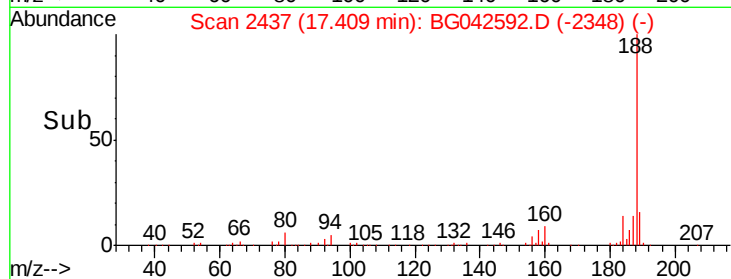
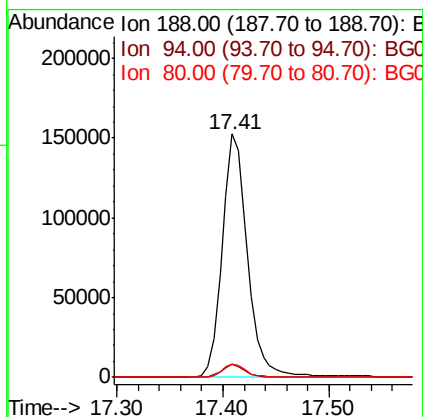
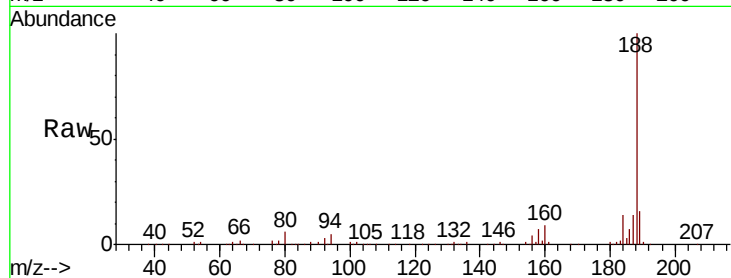




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042592.D
Acq: 30 Aug 2019 9:40

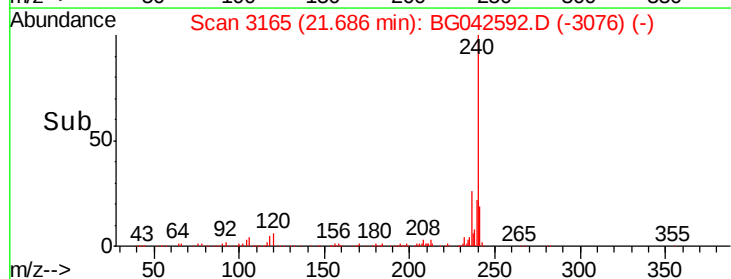
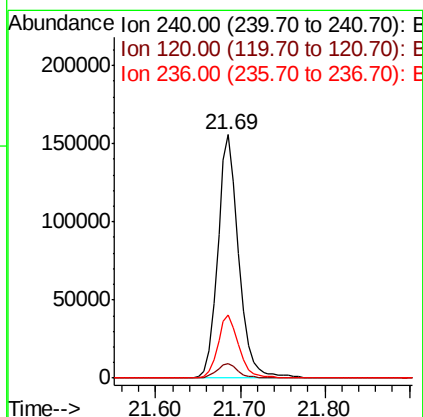
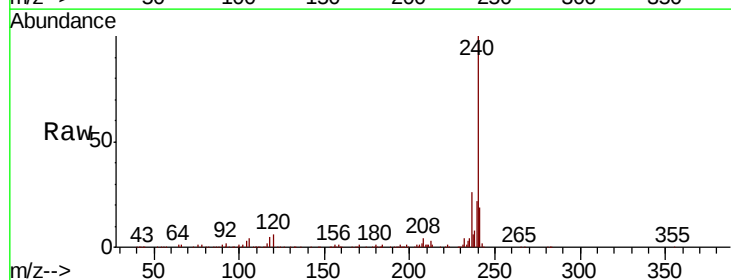
Instrument :
BNA_G
ClientSampleId :
PB122614BL

Tot Ion:188 Resp: 253729
Ion Ratio Lower Upper
188 100
94 5.4 4.5 6.7
80 5.6 4.9 7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042592.D
Acq: 30 Aug 2019 9:40

Tgt Ion:240 Resp: 269333
Ion Ratio Lower Upper
240 100
120 6.0 5.7 8.5
236 26.1 21.0 31.4





#79

Terphenyl-d14

Concen: 91.780 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042592.D

Acq: 30 Aug 2019 9:40

Instrument :

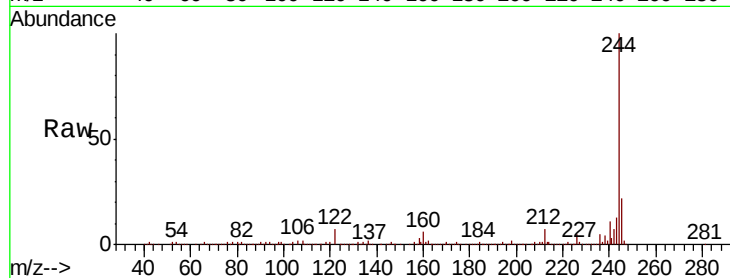
BNA_G

ClientSampleId :

PB122614BL

Tot Ion:244 Resp: 1143397

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	7.0	6.7	10.1

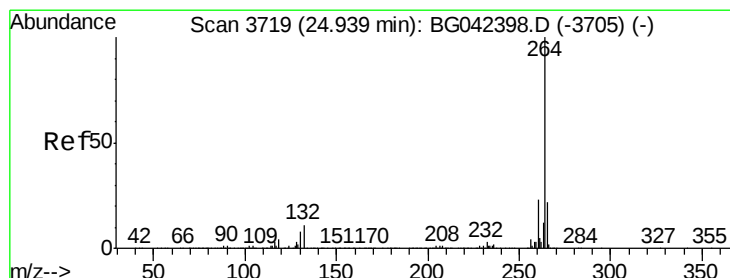
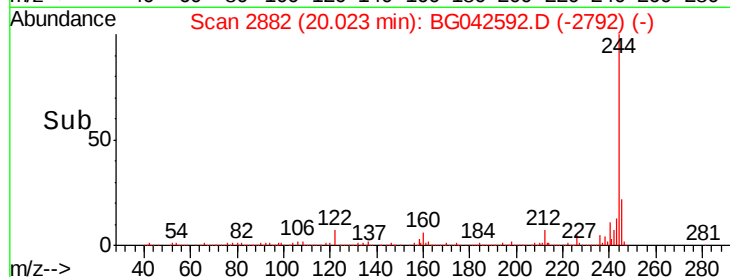
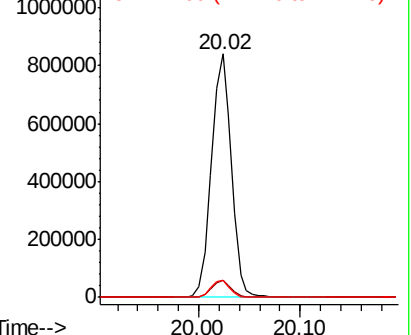


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

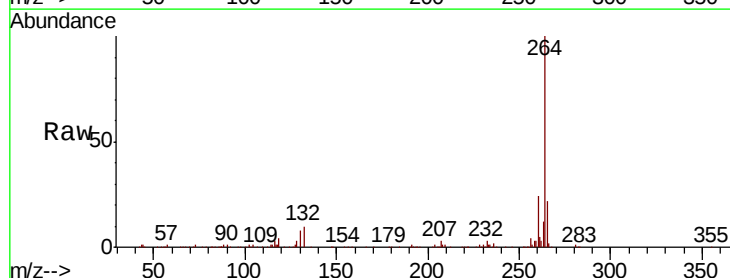
Delta R.T. -0.02 min

Lab File: BG042592.D

Acq: 30 Aug 2019 9:40

Tgt Ion:264 Resp: 318654

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.6	17.6	26.4



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

