

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039624.D
 Acq On : 27 Feb 2019 7:16
 Operator : JU/SJ
 Sample : PB117340TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117340TB

Quant Time: Feb 27 07:58:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51830	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	218330	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	148461	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	391136	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	414931	20.00	ng	-0.03
87) Perylene-d12	25.19	264	410508	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	415111	137.08	ng	0.00
7) Phenol-d6	7.31	99	584077	131.03	ng	0.00
23) Nitrobenzene-d5	9.34	82	333770	95.50	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	166505	104.15	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	838028	80.98	ng	-0.02
79) Terphenyl-d14	20.12	244	1438155	73.36	ng	-0.03

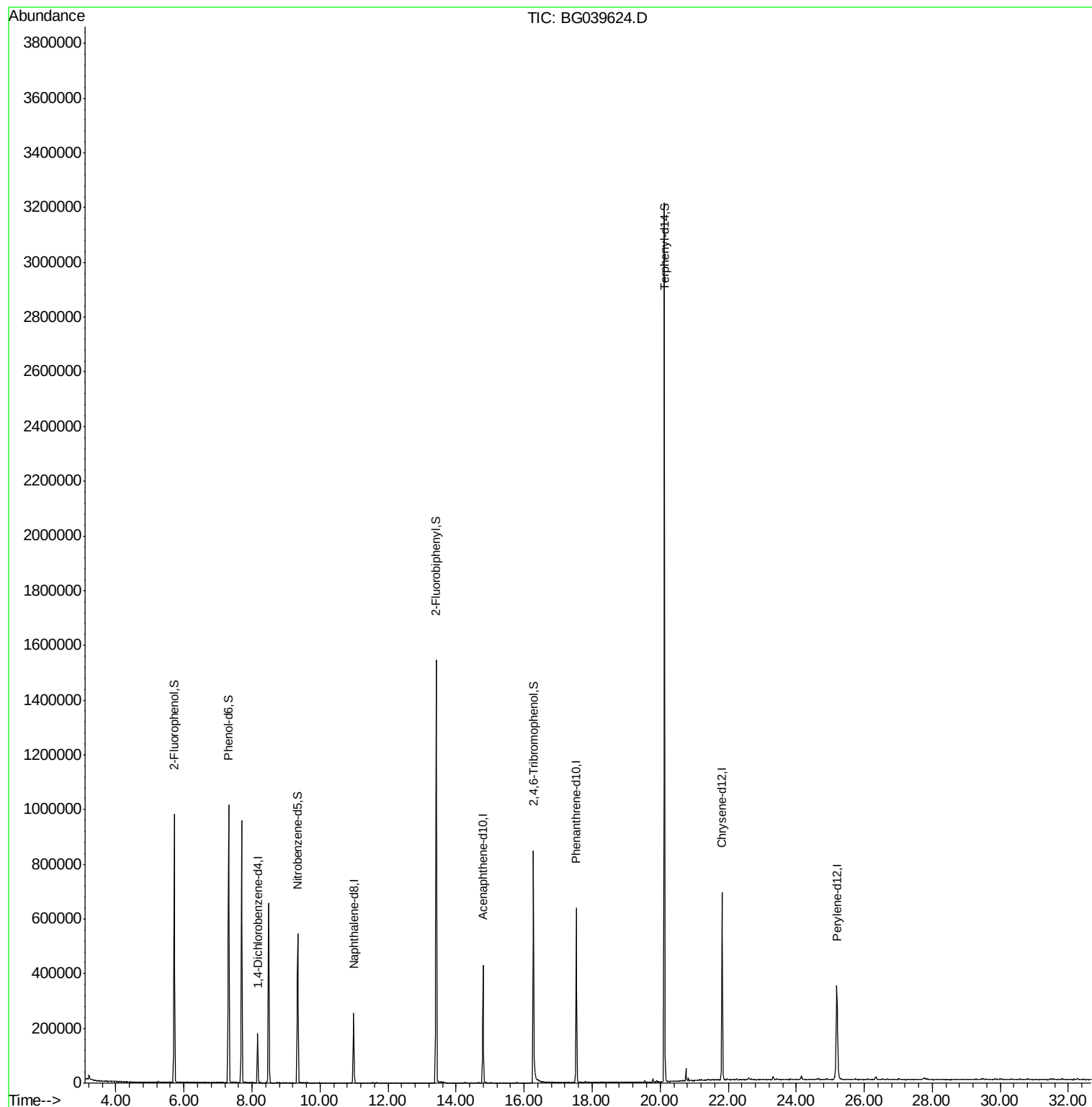
Target Compounds Qvalue

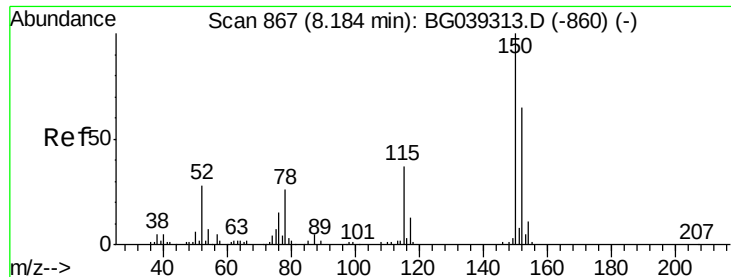
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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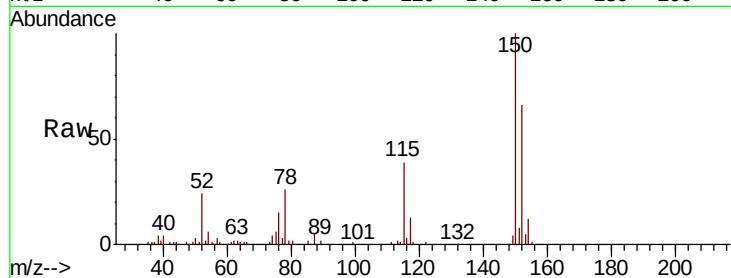


#1

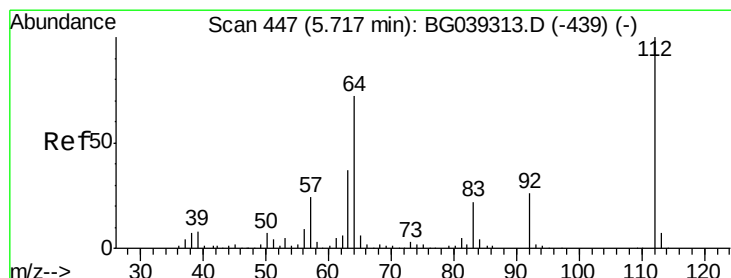
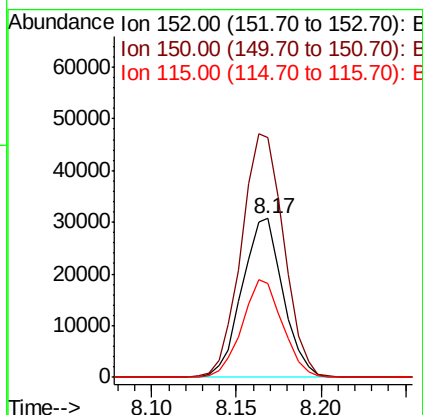
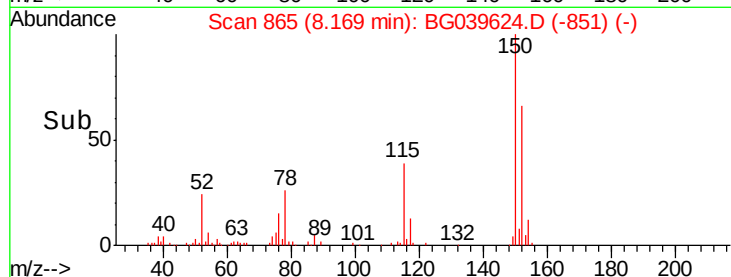
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.02 min
 Lab File: BG039624.D
 Acq: 27 Feb 2019 7:16

Instrument :
 BNA_G
 ClientSampleId :
 PB117340TB

Tot Ion:152 Resp: 51830
 Ion Ratio Lower Upper
 152 100
 150 150.9 123.7 185.5
 115 58.7 45.9 68.9



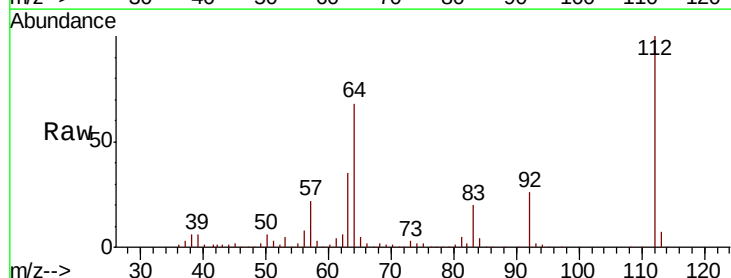
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



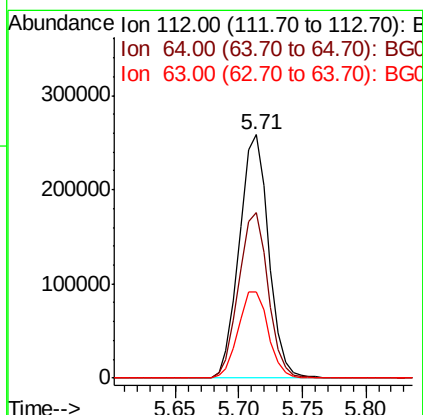
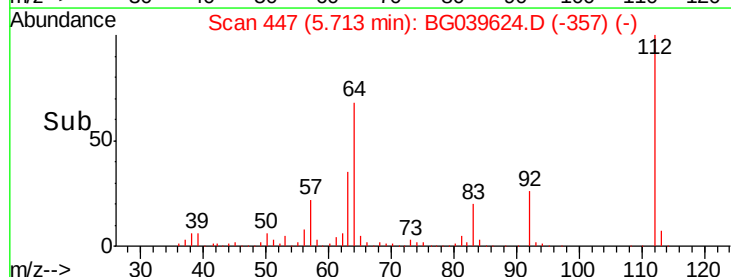
#5

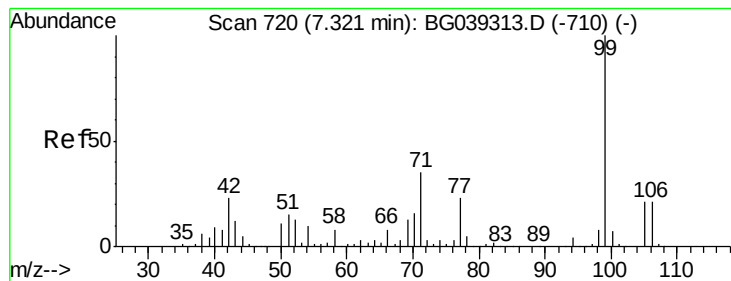
2-Fluorophenol
 Concen: 137.076 ng
 RT: 5.71 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BG039624.D
 Acq: 27 Feb 2019 7:16

Tgt Ion:112 Resp: 415111
 Ion Ratio Lower Upper
 112 100
 64 68.0 57.8 86.8
 63 35.3 29.8 44.6



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: 131.029 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039624.D

Acq: 27 Feb 2019 7:16

Instrument :

BNA_G

ClientSampleId :

PB117340TB

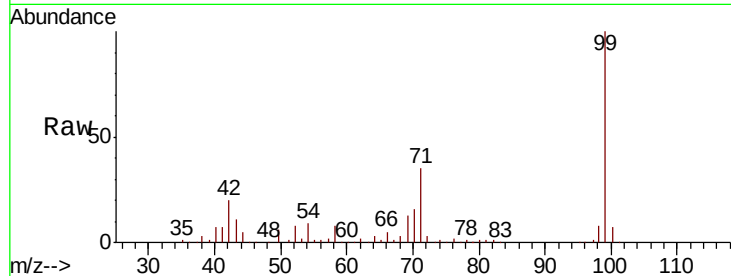
Tot Ion: 99 Resp: 584077

Ion Ratio Lower Upper

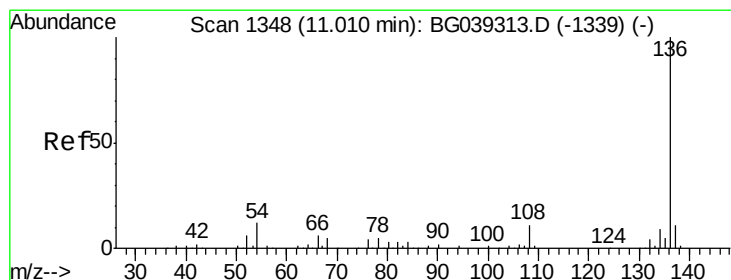
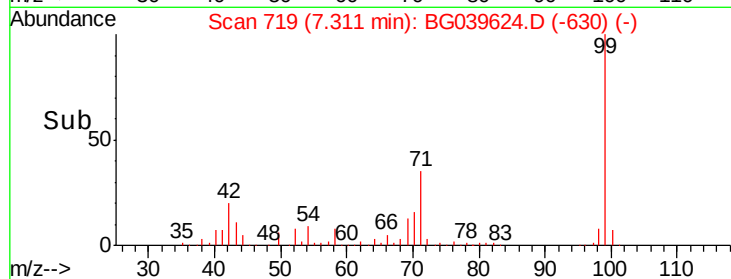
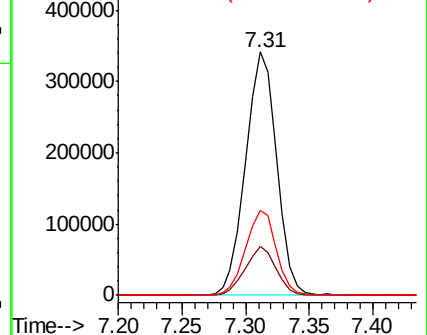
99 100

42 20.1 18.2 27.2

71 34.9 28.0 42.0



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: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039624.D

Acq: 27 Feb 2019 7:16

Tgt Ion: 136 Resp: 218330

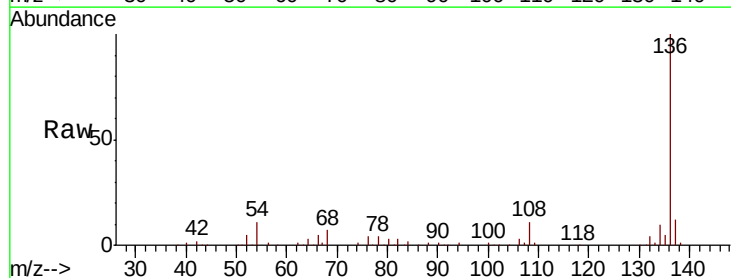
Ion Ratio Lower Upper

136 100

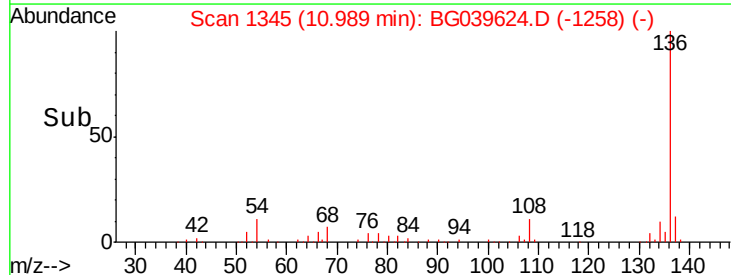
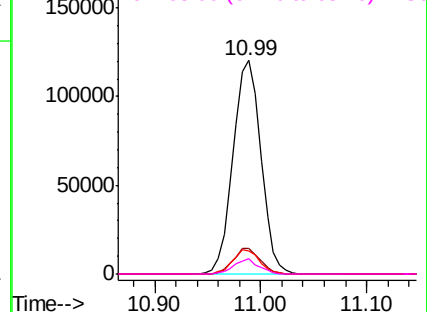
137 12.0 9.1 13.7

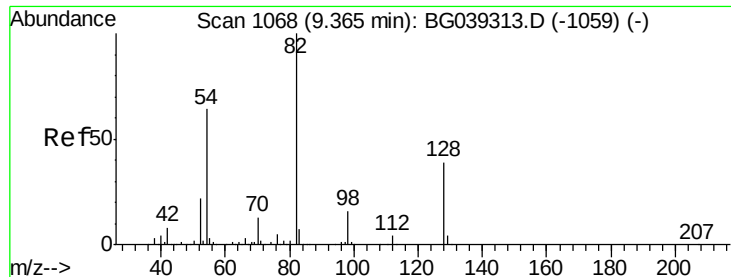
54 10.9 9.4 14.2

68 6.9 4.2 6.4#



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

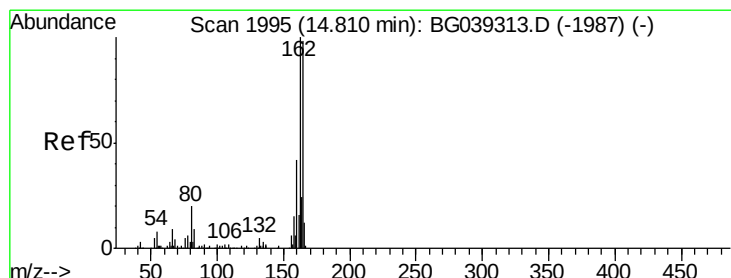
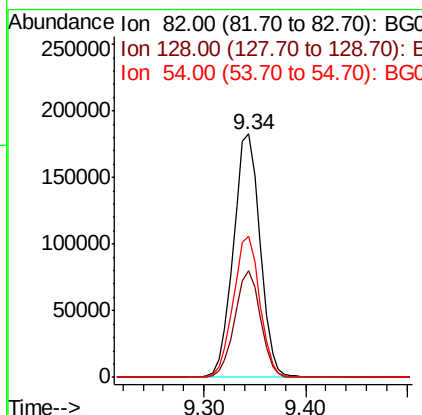
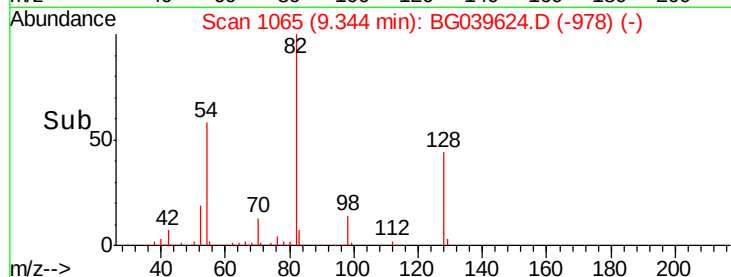
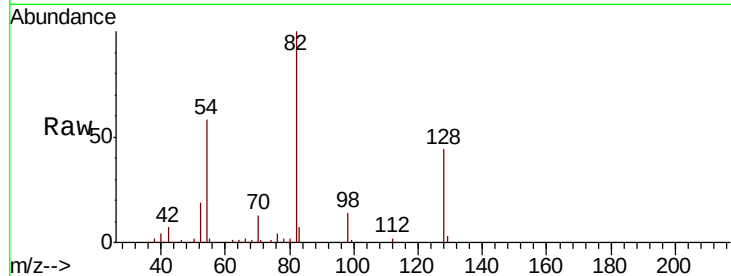




#23
Nitrobenzene-d5
Concen: 95.503 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039624.D
Acq: 27 Feb 2019 7:16

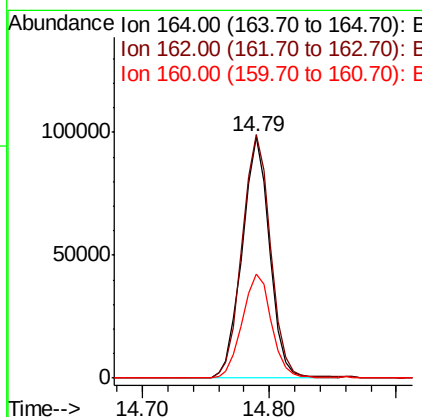
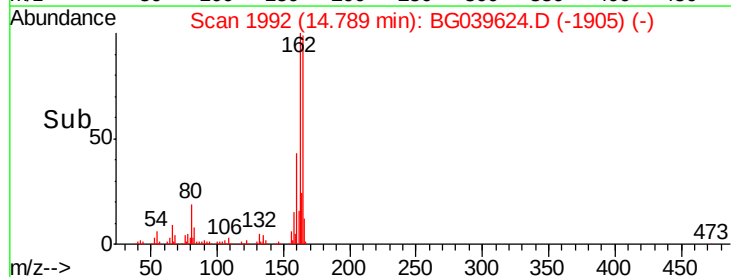
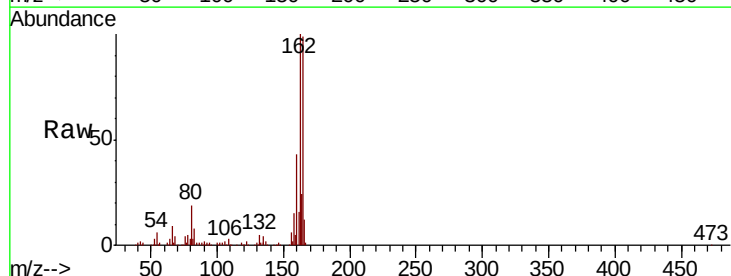
Instrument :
BNA_G
ClientSampleId :
PB117340TB

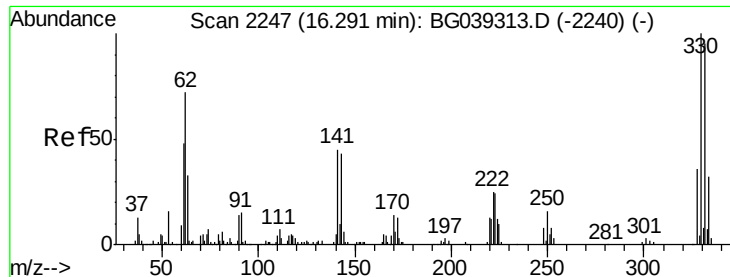
Tot Ion	82	Resp	333770
Ion Ratio	Lower	Upper	
82	100		
128	43.6	31.3	46.9
54	57.9	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039624.D
Acq: 27 Feb 2019 7:16

Tgt Ion	164	Resp	148461
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.6	122.4
160	43.3	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 104.152 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG039624.D

Acq: 27 Feb 2019 7:16

Instrument :

BNA_G

ClientSampleId :

PB117340TB

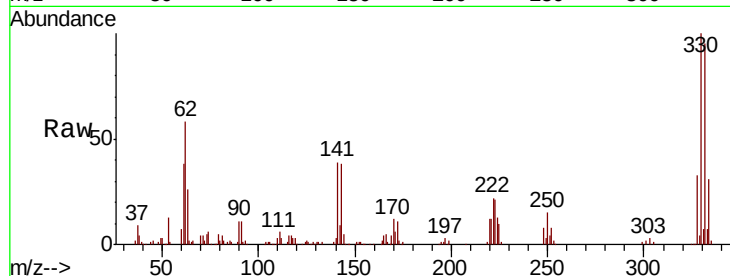
Tot Ion:330 Resp: 166505

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

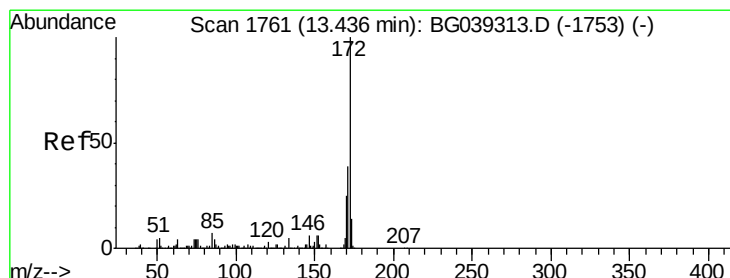
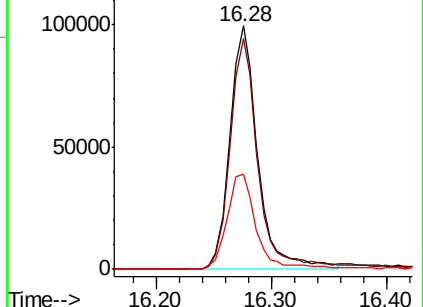
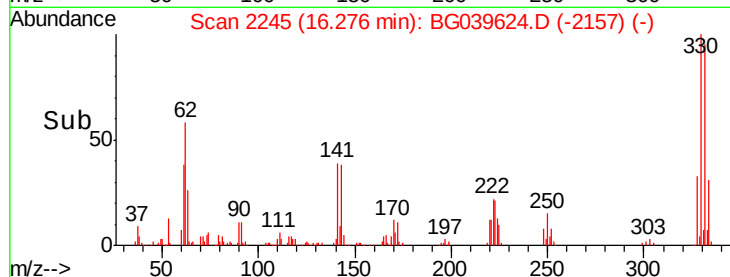
141 40.7 35.6 53.4



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: 80.977 ng

RT: 13.41 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039624.D

Acq: 27 Feb 2019 7:16

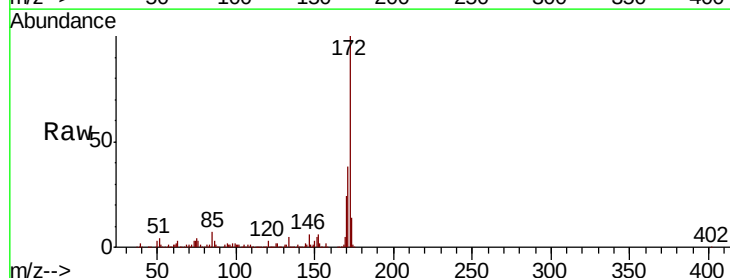
Tgt Ion:172 Resp: 838028

Ion Ratio Lower Upper

172 100

171 37.5 30.8 46.2

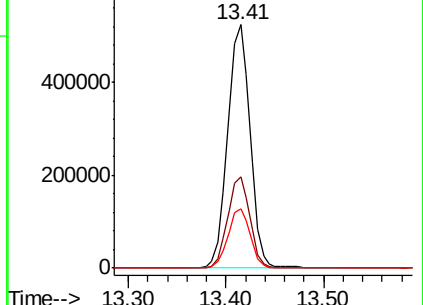
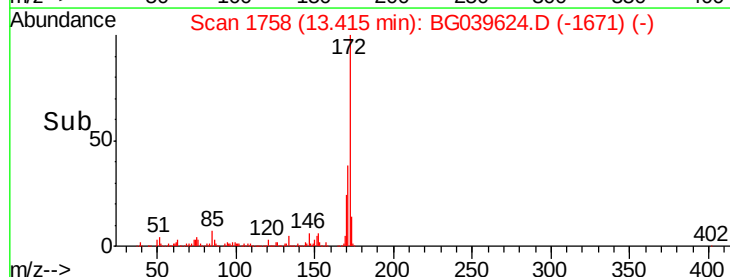
170 24.5 20.2 30.4

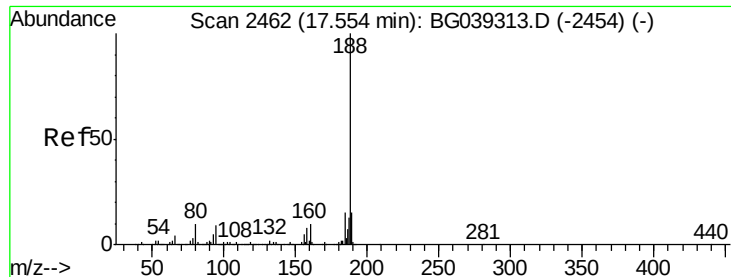


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039624.D

Acq: 27 Feb 2019 7:16

Instrument :

BNA_G

ClientSampleId :

PB117340TB

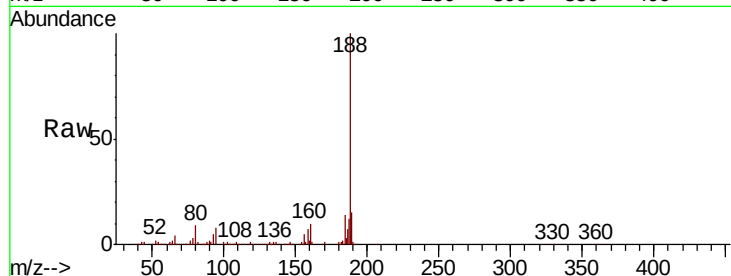
Tot Ion:188 Resp: 391136

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

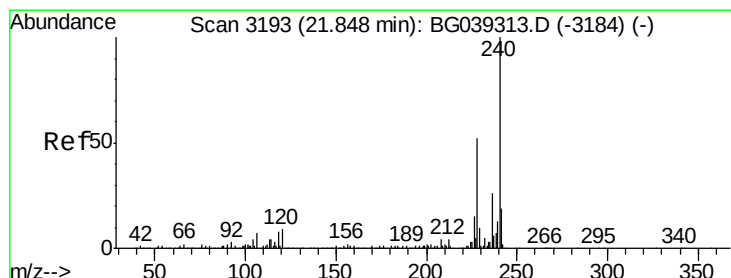
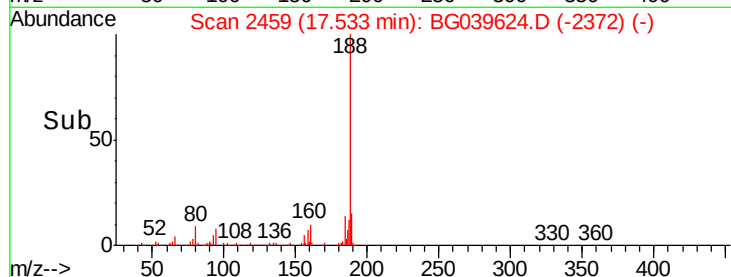
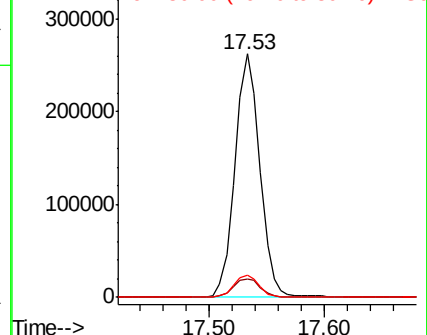
80 9.2 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039624.D

Acq: 27 Feb 2019 7:16

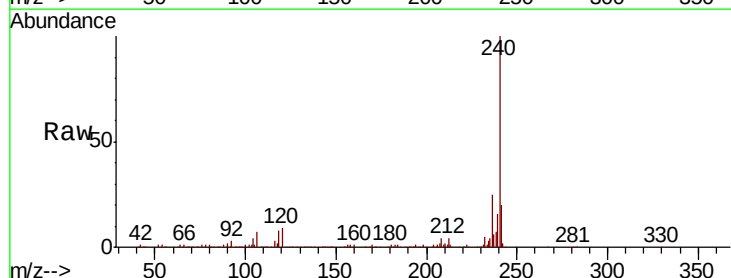
Tgt Ion:240 Resp: 414931

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

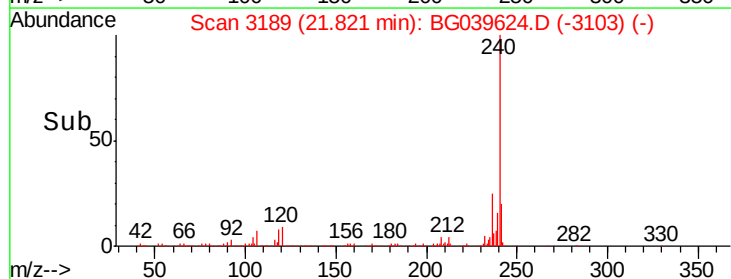
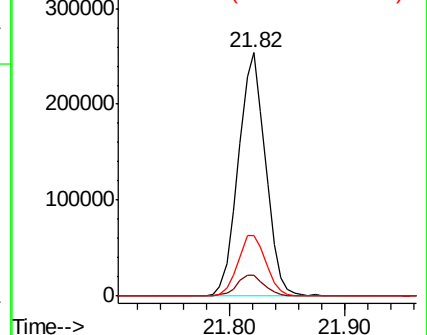
236 24.6 21.0 31.4

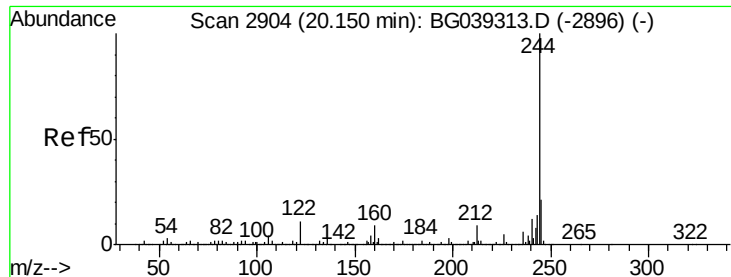


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.365 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039624.D

Acq: 27 Feb 2019 7:16

Instrument :

BNA_G

ClientSampled :

PB117340TB

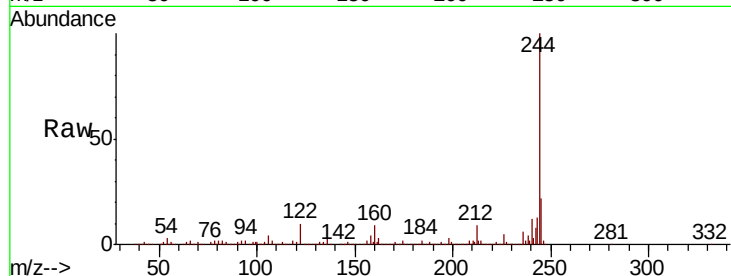
Tot Ion:244 Resp: 1438155

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	10.2	8.4	12.6

244 100

212 9.3 7.3 10.9

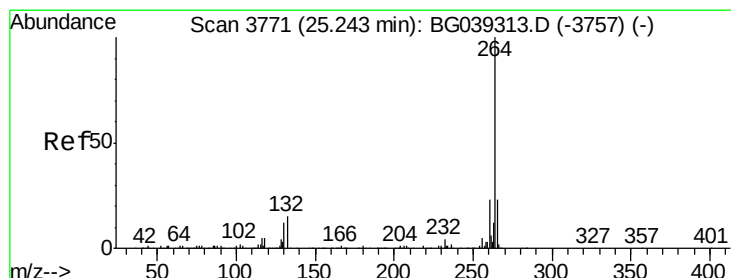
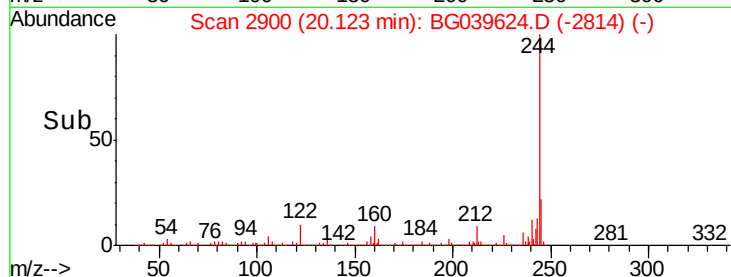
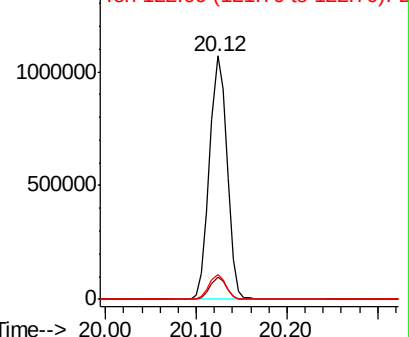
122 10.2 8.4 12.6



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: 25.19 min Scan# 3763

Delta R.T. -0.05 min

Lab File: BG039624.D

Acq: 27 Feb 2019 7:16

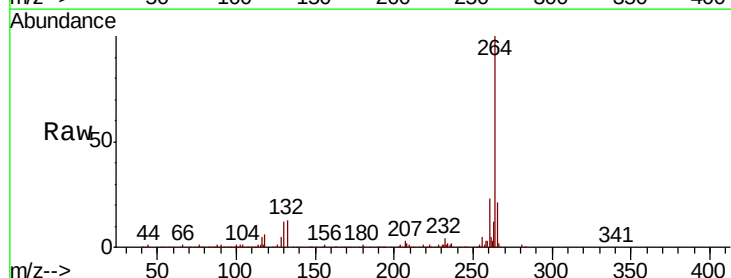
Tgt Ion:264 Resp: 410508

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.4	18.5	27.7

264 100

260 23.5 18.2 27.4

265 21.4 18.5 27.7



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

