

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
 Data File : BG039529.D
 Acq On : 15 Feb 2019 20:04
 Operator : JU/SJ
 Sample : K1346-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-E

Quant Time: Feb 16 03:30:09 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	48569	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	217548	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	154750	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	383136	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	404060	20.00	ng	-0.02
87) Perylene-d12	25.21	264	397095	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	406654	143.30	ng	0.00
7) Phenol-d6	7.32	99	563277	134.85	ng	0.00
23) Nitrobenzene-d5	9.35	82	384219	110.33	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	228430	137.08	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	963726	89.34	ng	-0.01
79) Terphenyl-d14	20.13	244	1604698	84.06	ng	-0.02

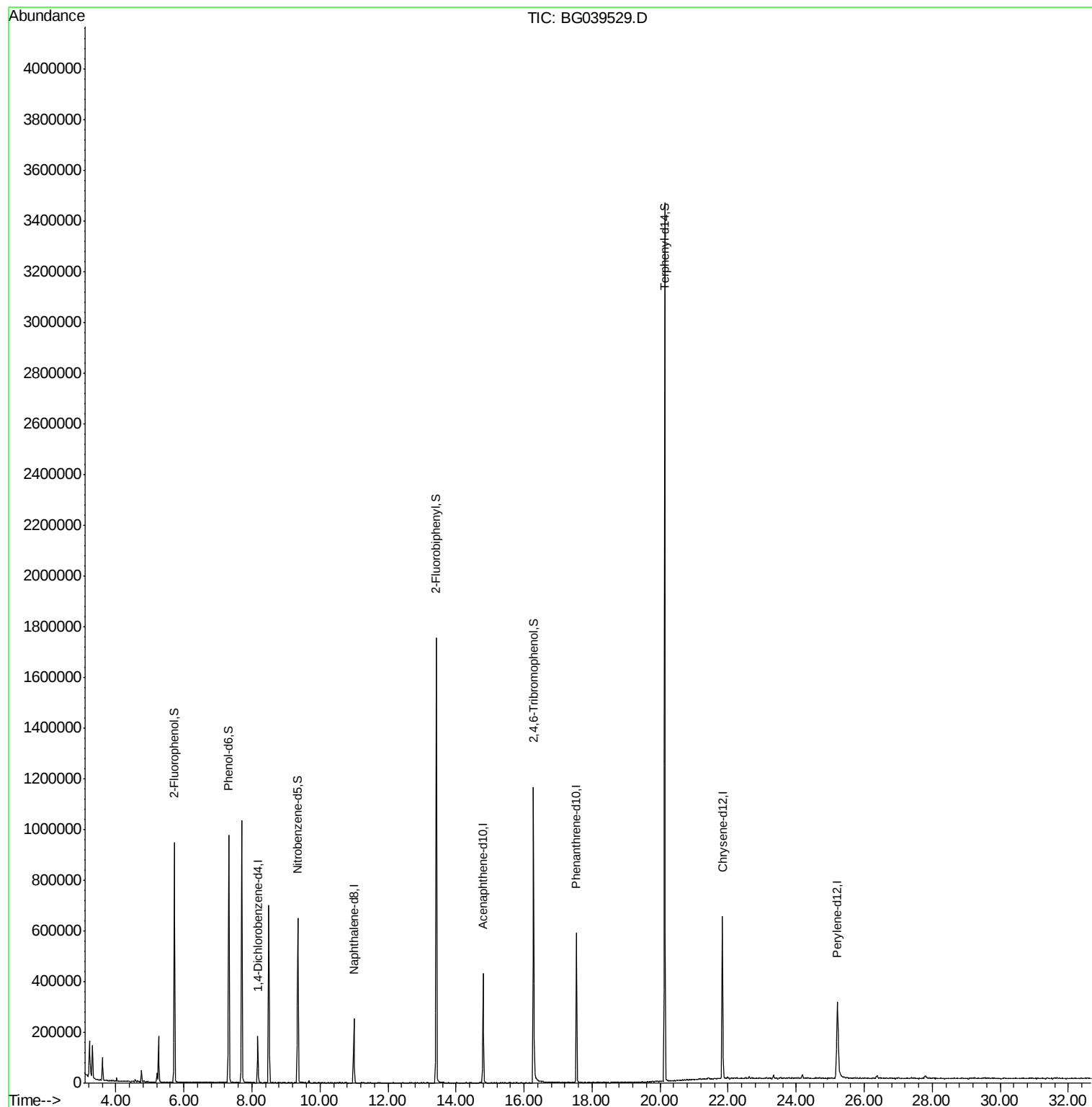
Target Compounds Qvalue

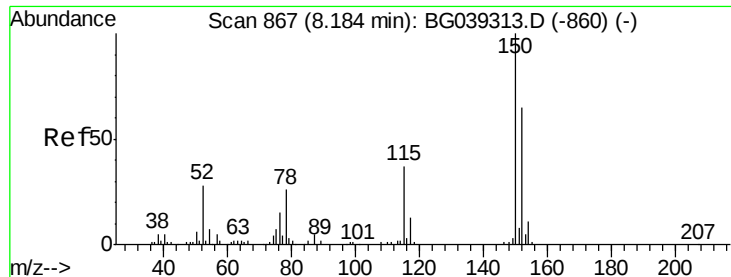
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
Data File : BG039529.D
Acq On : 15 Feb 2019 20:04
Operator : JU/SJ
Sample : K1346-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Quant Time: Feb 16 03:30:09 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



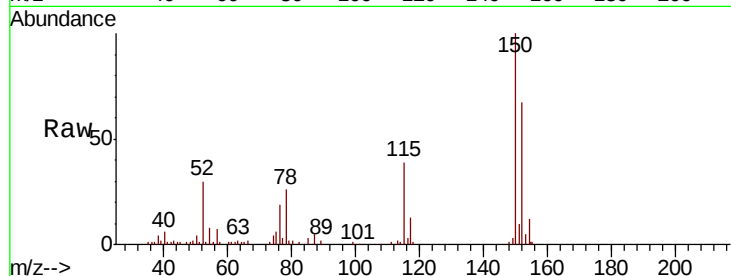


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	123.7	185.5
115	57.6	45.9	68.9

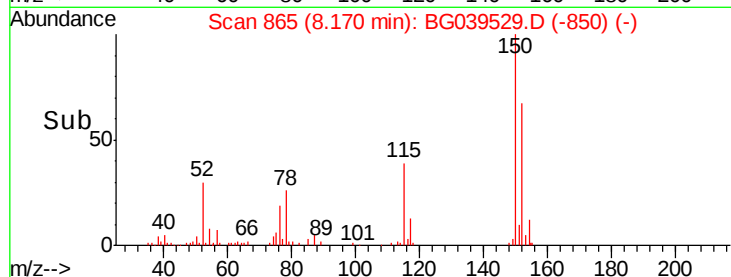
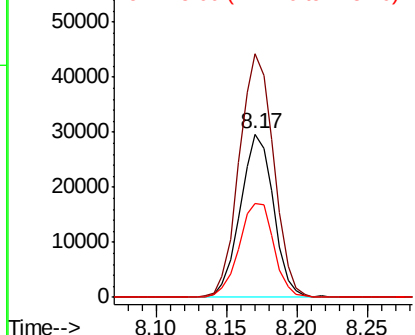


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

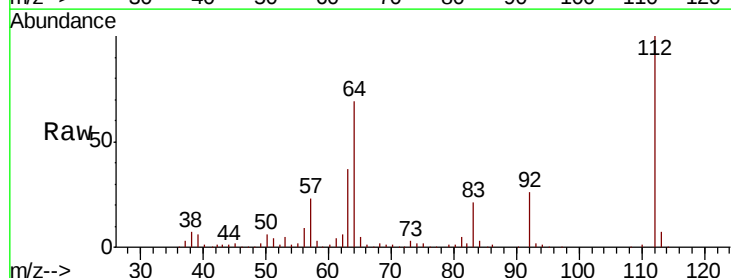
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 143.300 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.8	86.8
63	37.4	29.8	44.6

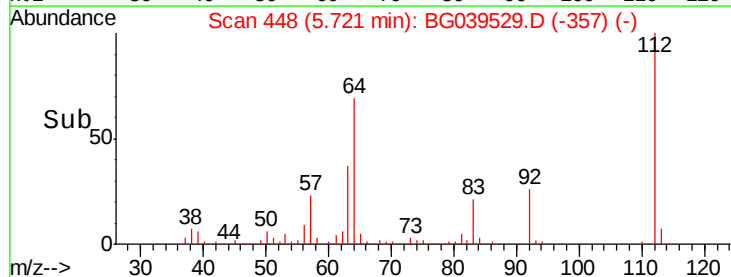
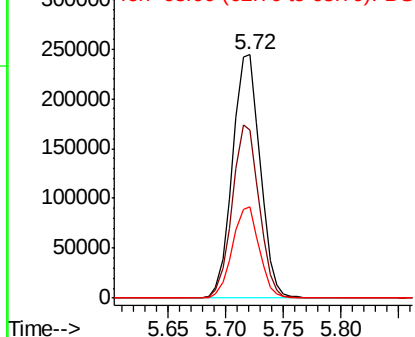


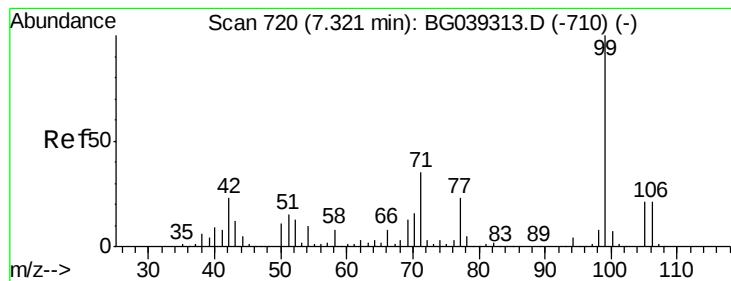
Abundance

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: 134.847 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039529.D

Acq: 15 Feb 2019 20:04

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-E

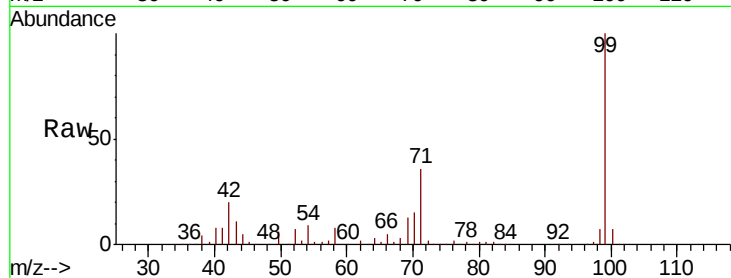
Tot Ion: 99 Resp: 563277

Ion Ratio Lower Upper

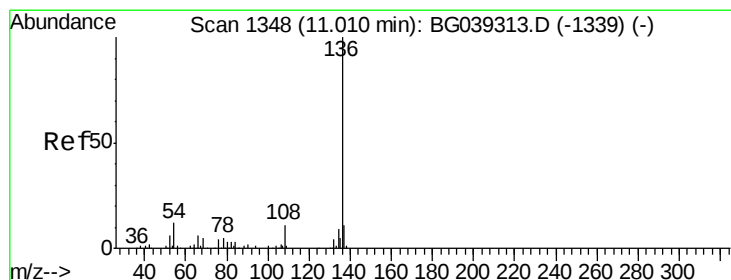
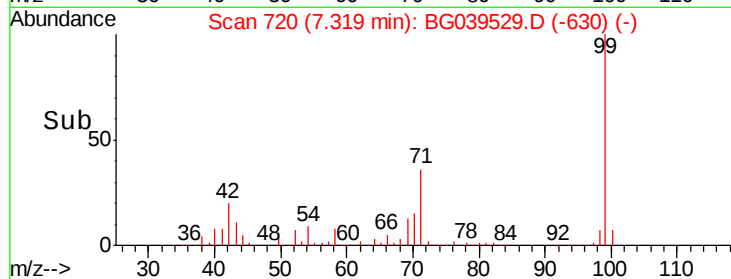
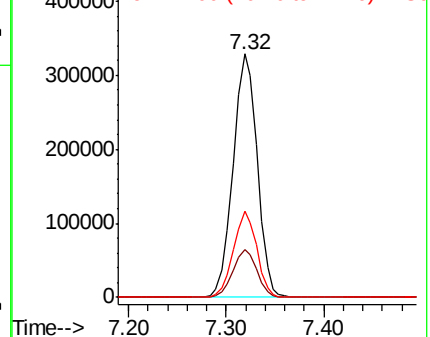
99 100

42 19.7 18.2 27.2

71 35.5 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: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039529.D

Acq: 15 Feb 2019 20:04

Tgt Ion: 136 Resp: 217548

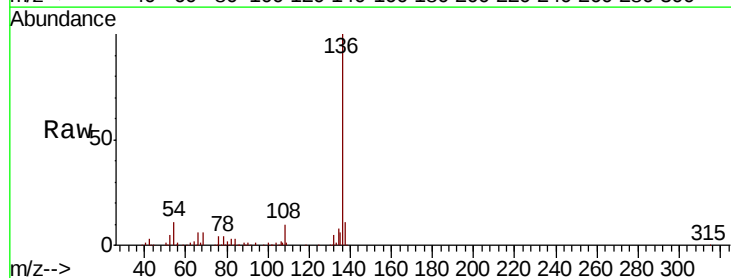
Ion Ratio Lower Upper

136 100

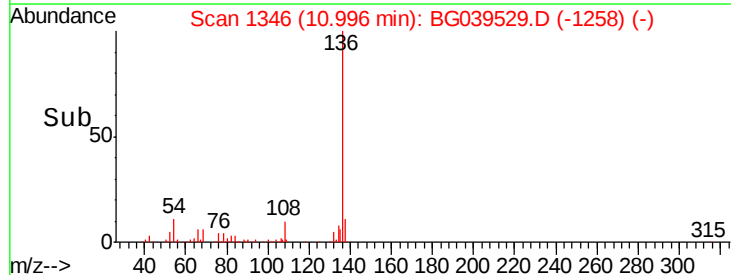
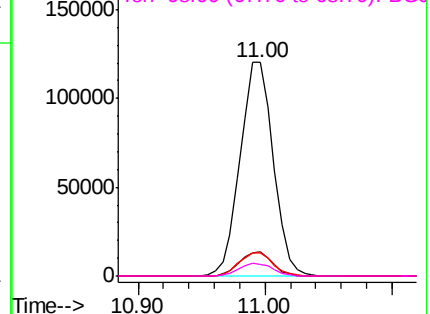
137 11.2 9.1 13.7

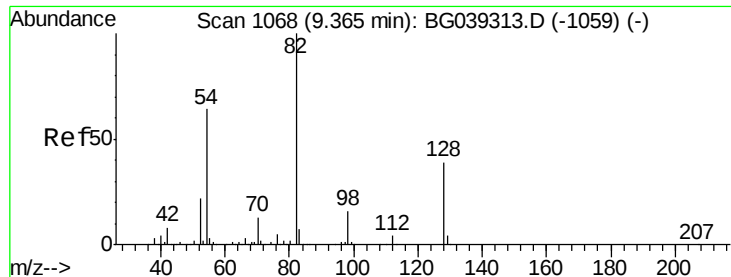
54 10.6 9.4 14.2

68 5.7 4.2 6.4



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

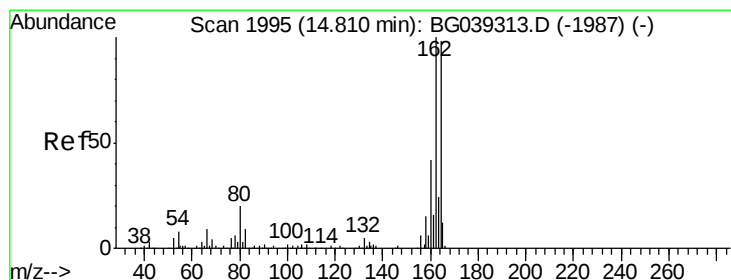
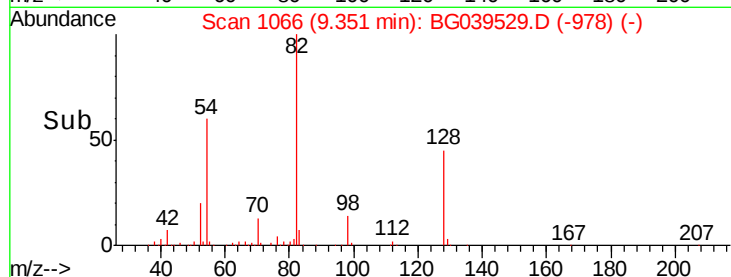
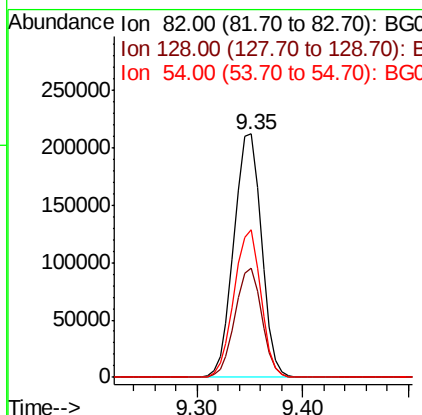
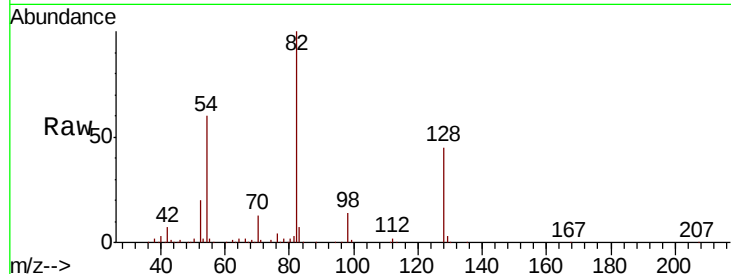




#23
 Nitrobenzene-d5
 Concen: 110.333 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039529.D
 Acq: 15 Feb 2019 20:04

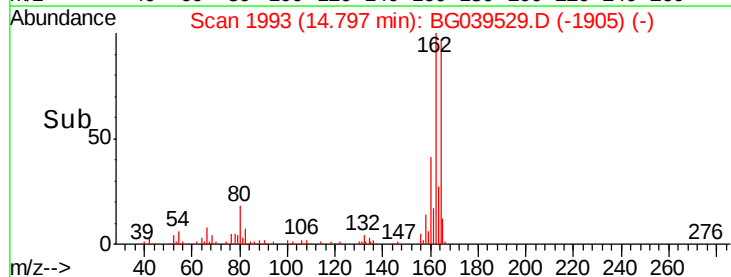
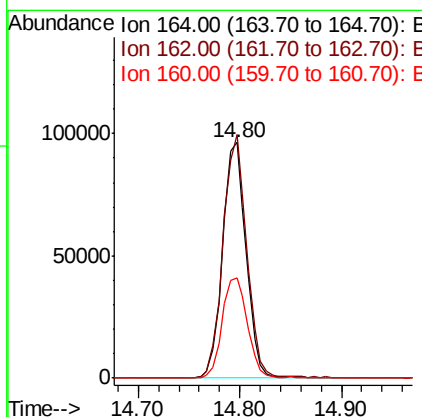
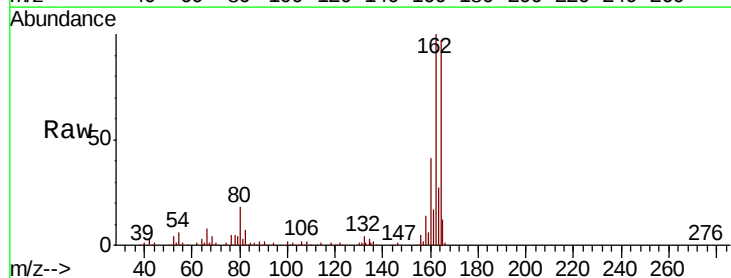
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-E

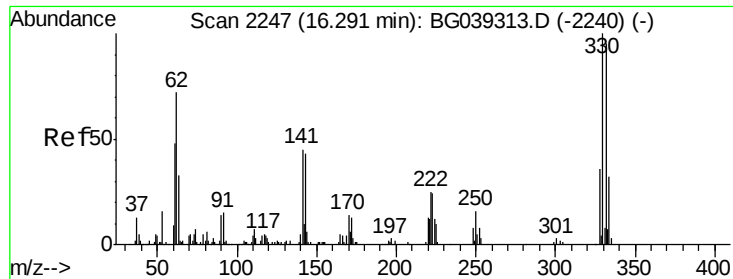
Tot Ion	82	Resp	384219
Ion Ratio	Lower	Upper	
82	100		
128	44.7	31.3	46.9
54	60.4	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039529.D
 Acq: 15 Feb 2019 20:04

Tgt Ion	164	Resp	154750
Ion Ratio	Lower	Upper	
164	100		
162	103.2	81.6	122.4
160	42.2	34.2	51.2

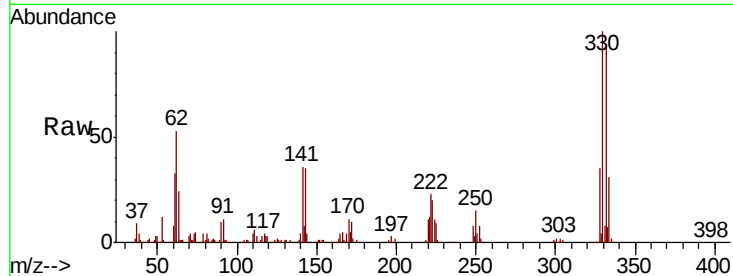




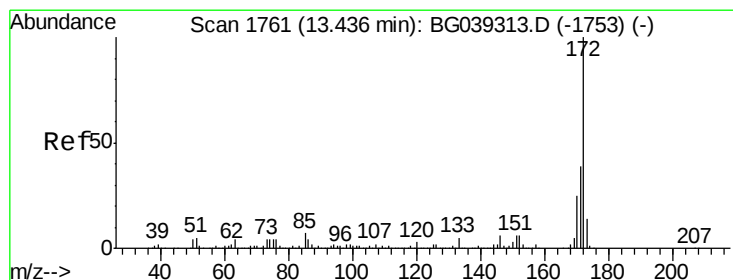
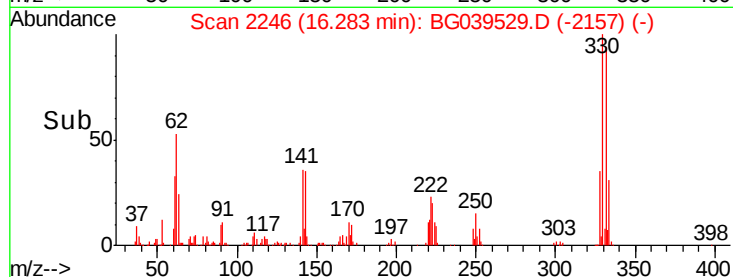
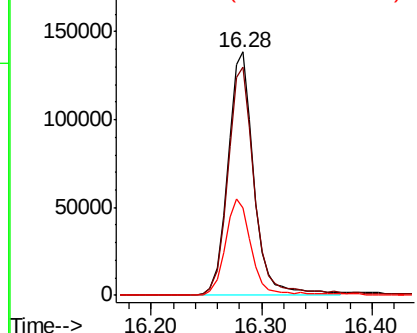
#42
 2,4,6-Tribromophenol
 Concen: 137.081 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039529.D
 Acq: 15 Feb 2019 20:04

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-E

Tot Ion:330 Resp: 228430
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 39.6 35.6 53.4

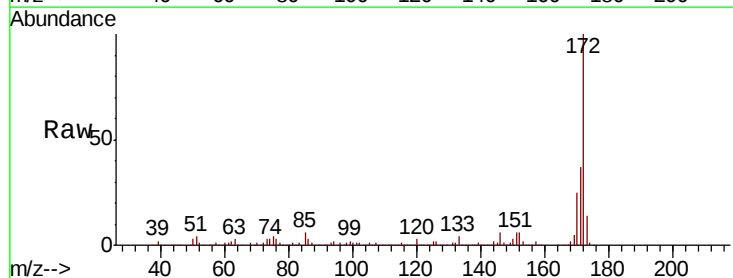


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

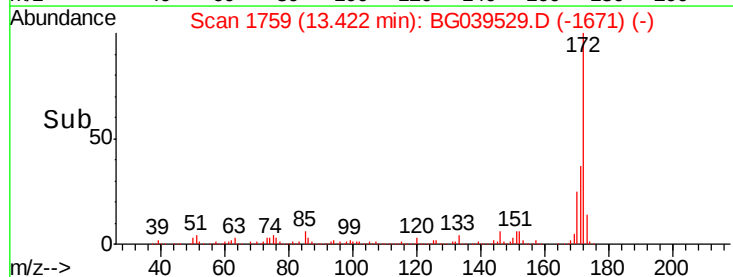
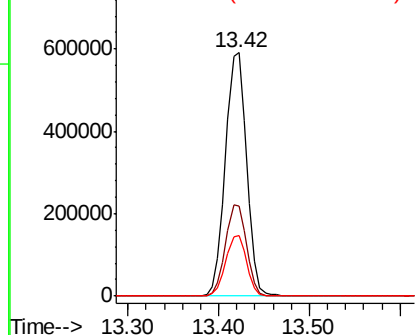


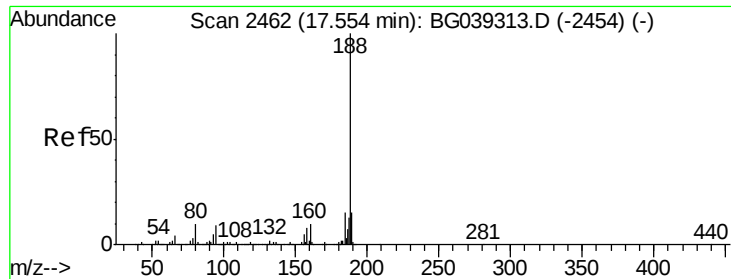
#45
 2-Fluorobiphenyl
 Concen: 89.338 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039529.D
 Acq: 15 Feb 2019 20:04

Tgt Ion:172 Resp: 963726
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 24.6 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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039529.D

Acq: 15 Feb 2019 20:04

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-E

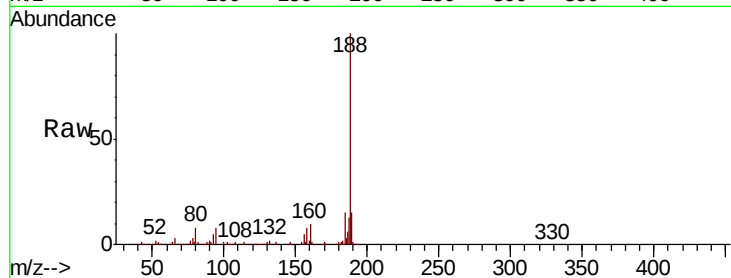
Tot Ion:188 Resp: 383136

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

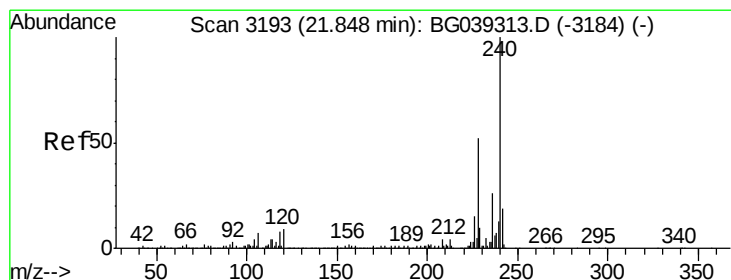
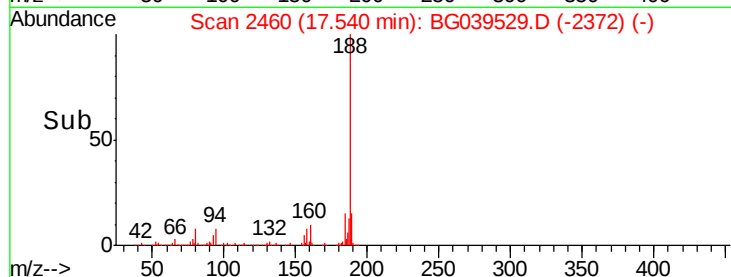
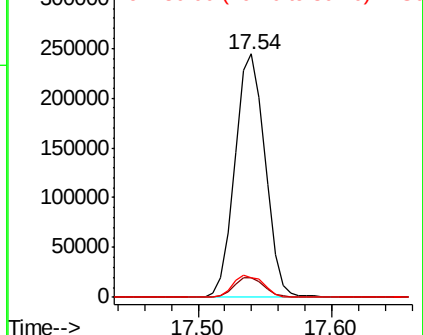
80 8.1 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039529.D

Acq: 15 Feb 2019 20:04

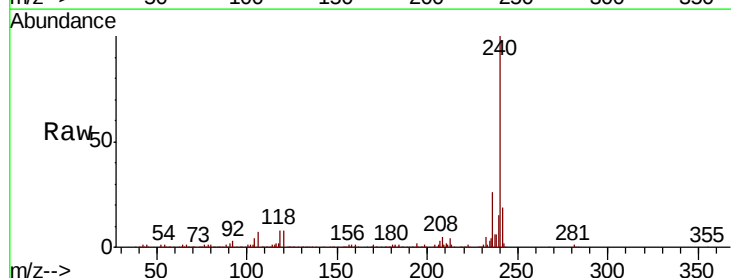
Tgt Ion:240 Resp: 404060

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

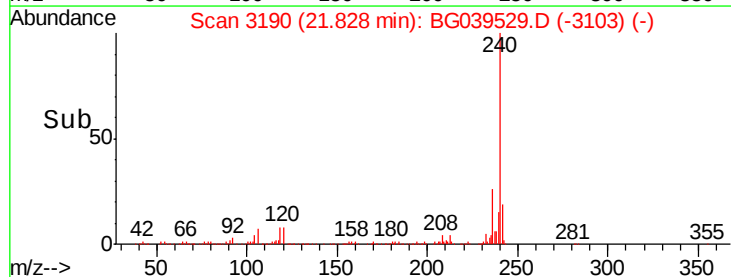
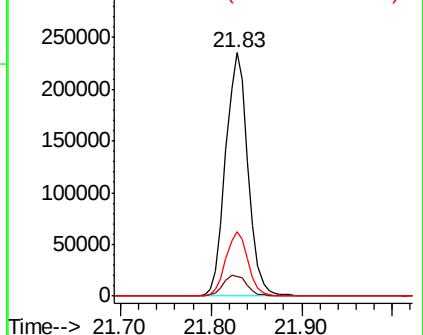
236 26.4 21.0 31.4



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: 84.063 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039529.D

Acq: 15 Feb 2019 20:04

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-E

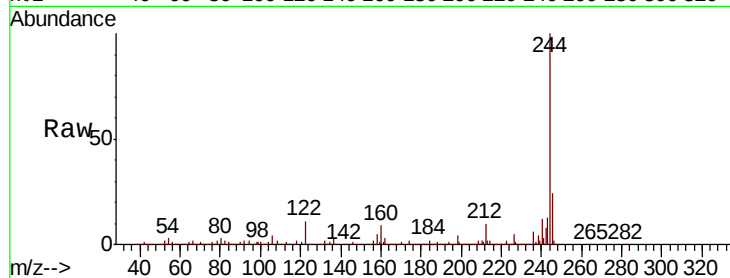
Tot Ion:244 Resp: 1604698

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

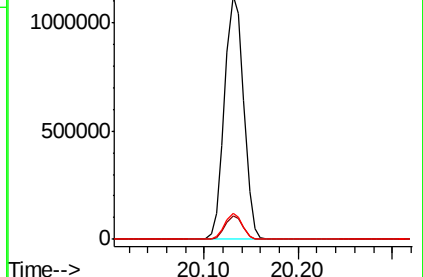
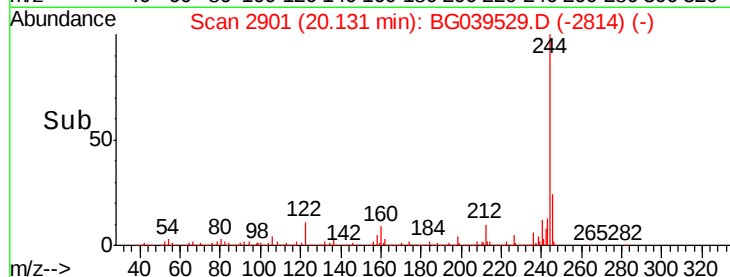
122 10.7 8.4 12.6



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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039529.D

Acq: 15 Feb 2019 20:04

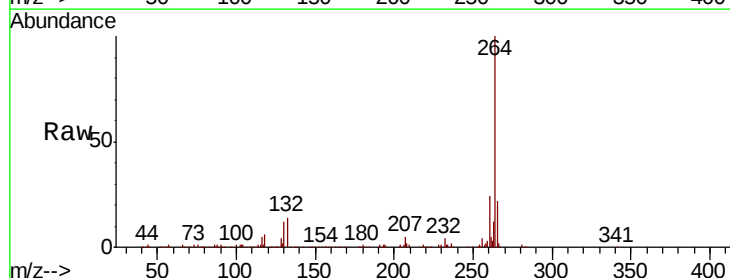
Tgt Ion:264 Resp: 397095

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 21.8 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

