

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
 Data File : BG039531.D
 Acq On : 15 Feb 2019 21:23
 Operator : JU/SJ
 Sample : K1346-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 16 03:32:28 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	46871	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	211805	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	148743	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	362362	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	385893	20.00	ng	-0.02
87) Perylene-d12	25.21	264	364806	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	397699	145.22	ng	0.00
7) Phenol-d6	7.32	99	559437	138.78	ng	0.00
23) Nitrobenzene-d5	9.35	82	376884	111.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	196859	122.91	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	909995	87.76	ng	-0.02
79) Terphenyl-d14	20.13	244	1554106	85.25	ng	-0.02

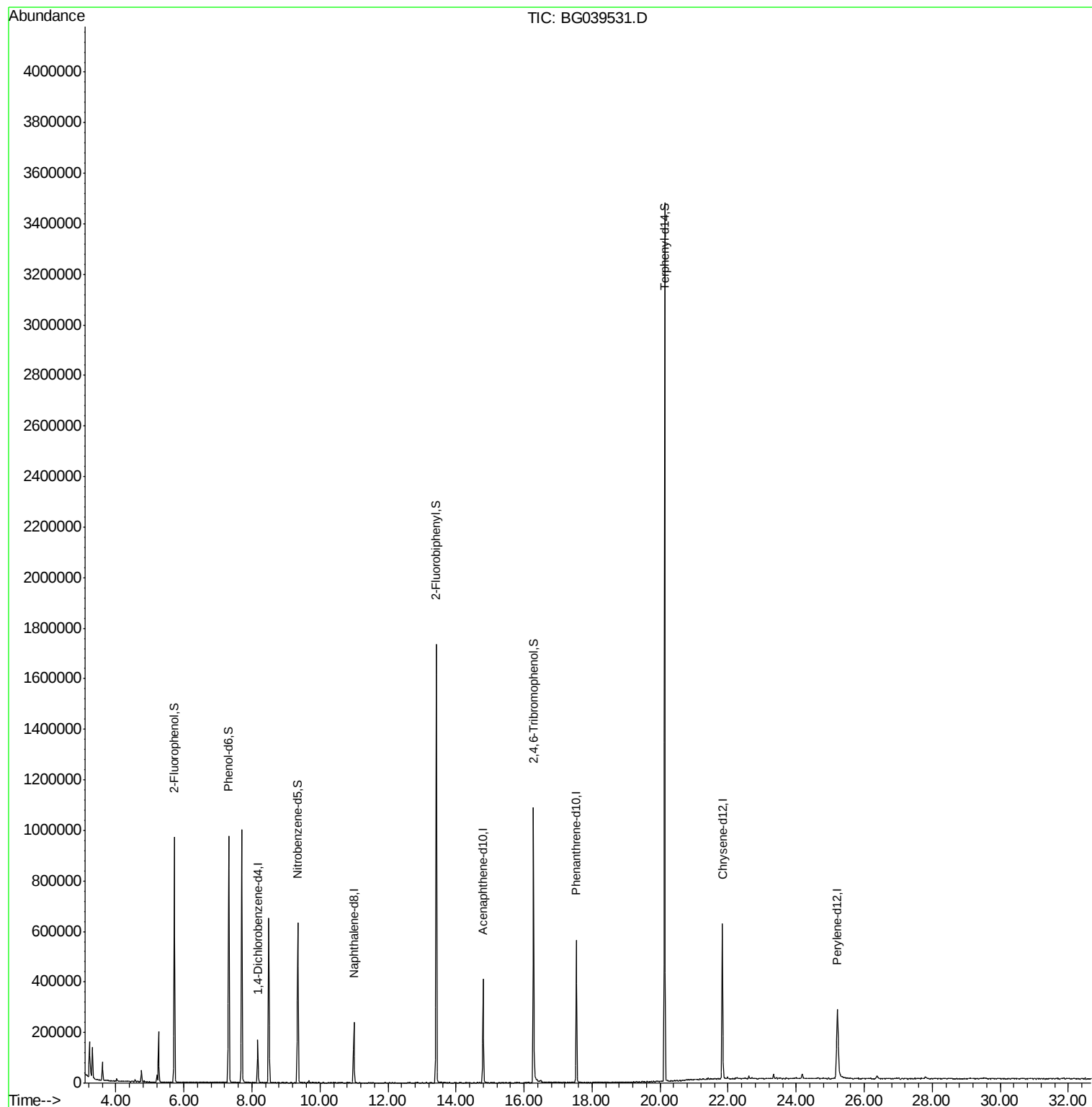
Target Compounds Qvalue

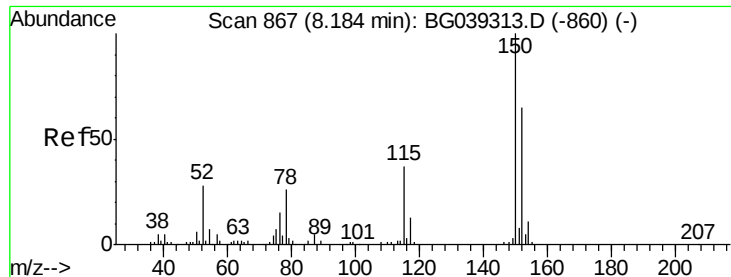
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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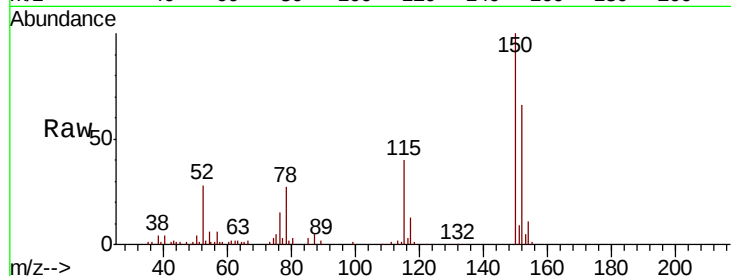


#1

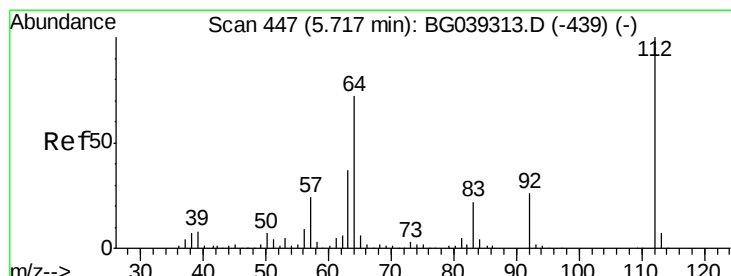
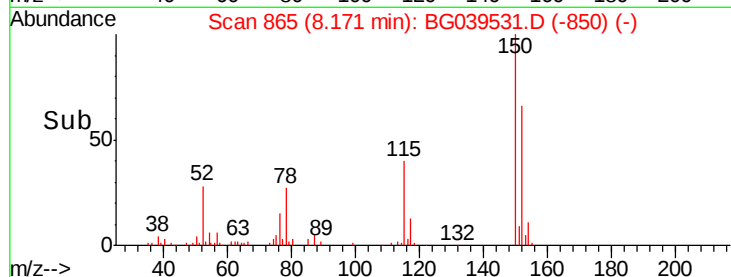
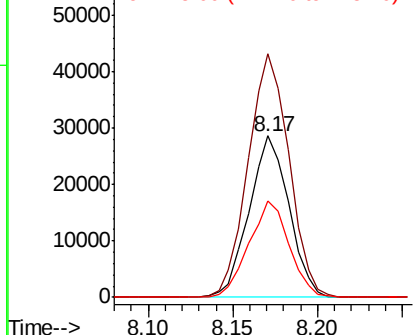
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BG039531.D
 Acq: 15 Feb 2019 21:23

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

Tot Ion:152 Resp: 46871
 Ion Ratio Lower Upper
 152 100
 150 150.9 123.7 185.5
 115 60.0 45.9 68.9



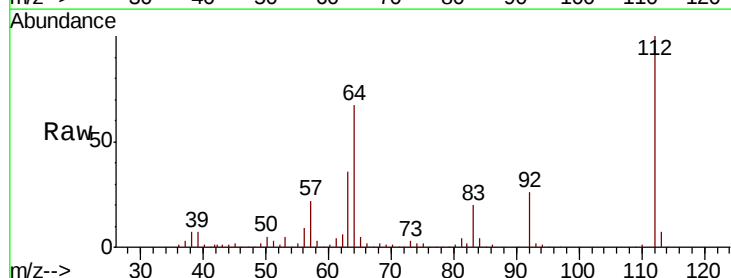
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



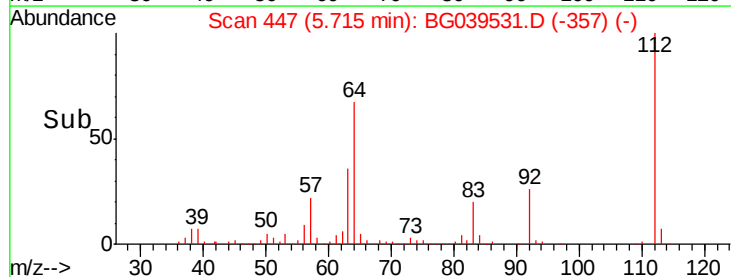
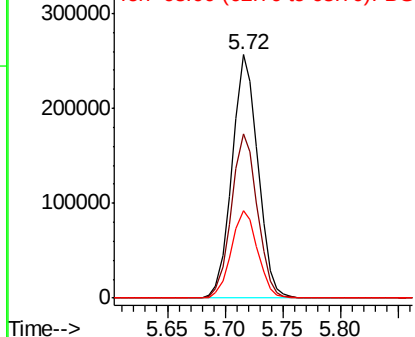
#5

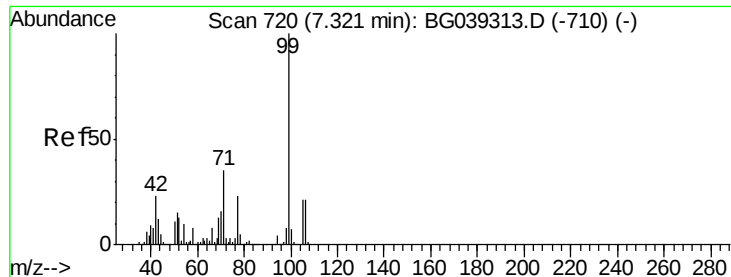
2-Fluorophenol
 Concen: 145.221 ng
 RT: 5.72 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BG039531.D
 Acq: 15 Feb 2019 21:23

Tgt Ion:112 Resp: 397699
 Ion Ratio Lower Upper
 112 100
 64 67.5 57.8 86.8
 63 36.0 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: 138.780 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039531.D

Acq: 15 Feb 2019 21:23

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-B

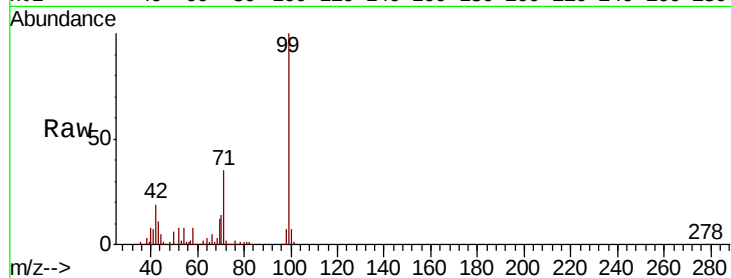
Tot Ion: 99 Resp: 559437

Ion Ratio Lower Upper

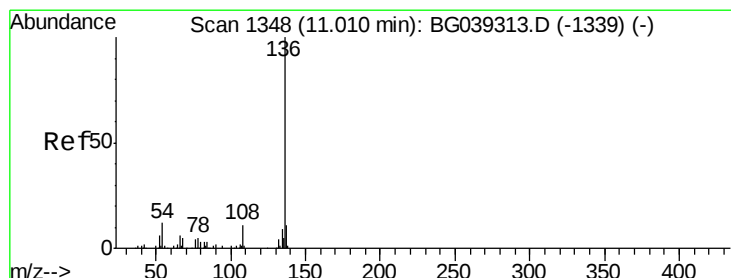
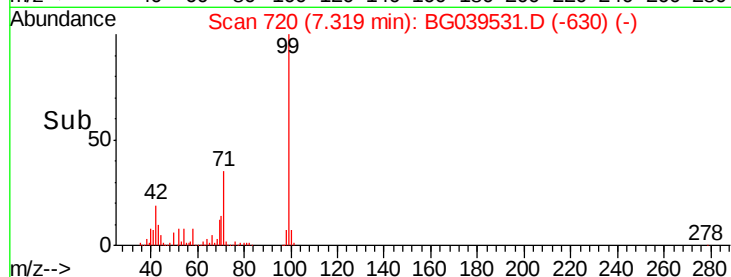
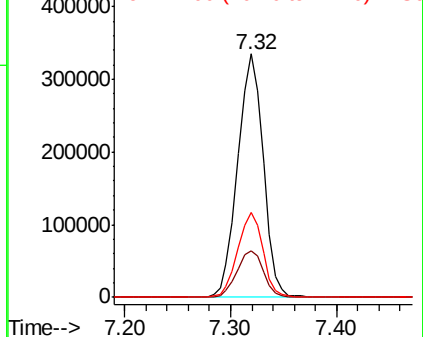
99 100

42 19.2 18.2 27.2

71 35.0 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: BG039531.D

Acq: 15 Feb 2019 21:23

Tgt Ion: 136 Resp: 211805

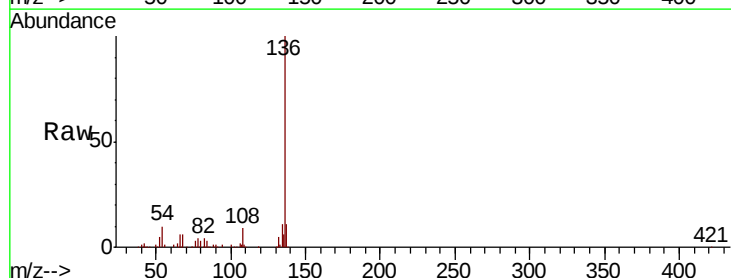
Ion Ratio Lower Upper

136 100

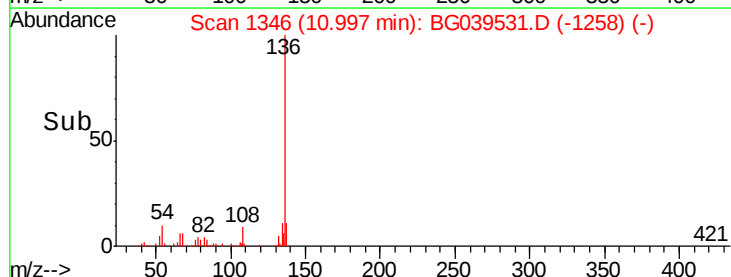
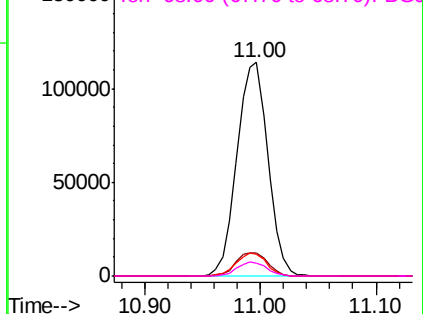
137 10.9 9.1 13.7

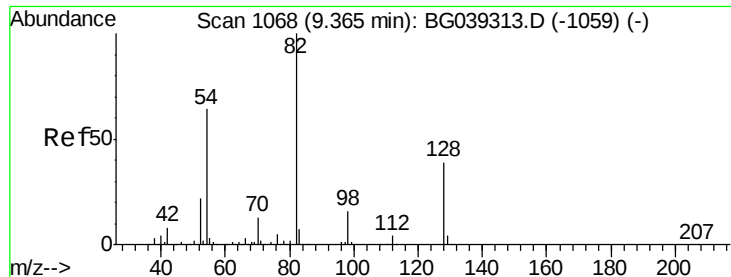
54 10.0 9.4 14.2

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

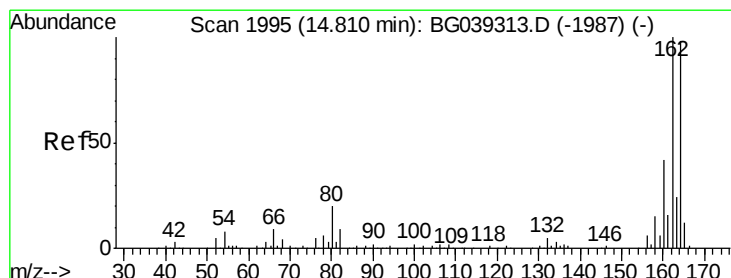
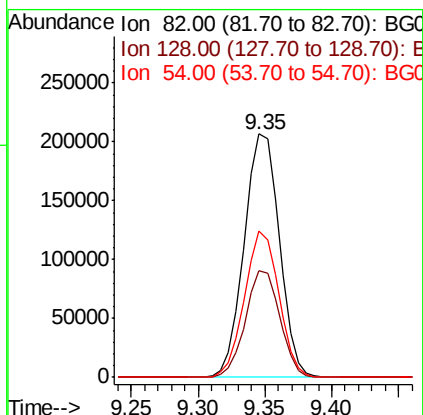
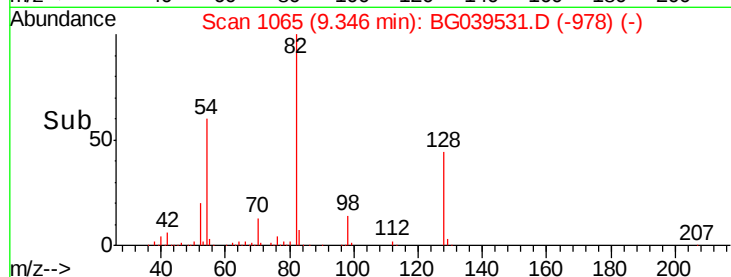
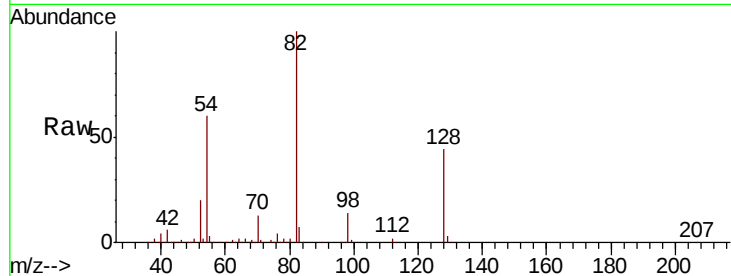




#23
 Nitrobenzene-d5
 Concen: 111.161 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039531.D
 Acq: 15 Feb 2019 21:23

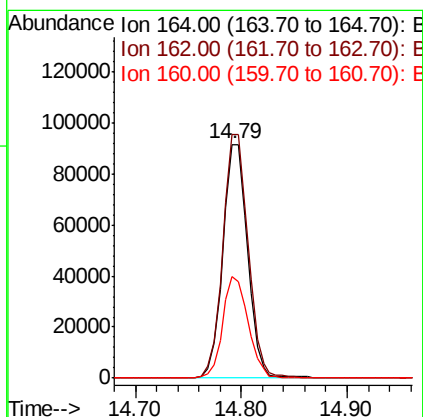
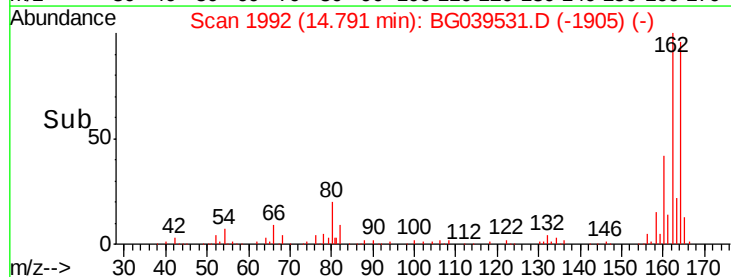
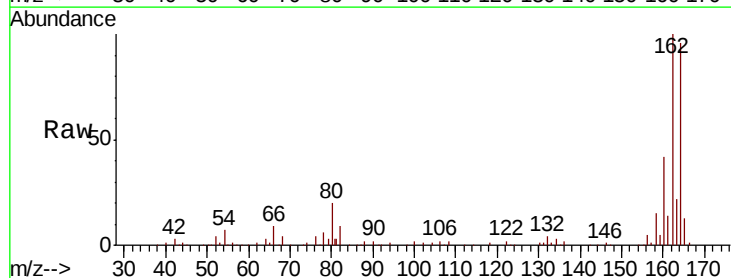
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-B

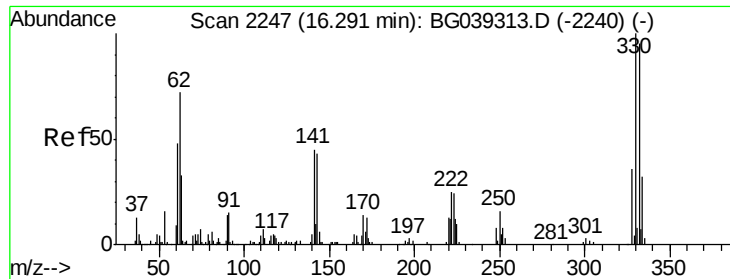
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.3	46.9
54	60.0	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039531.D
 Acq: 15 Feb 2019 21:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.6	122.4
160	43.3	34.2	51.2

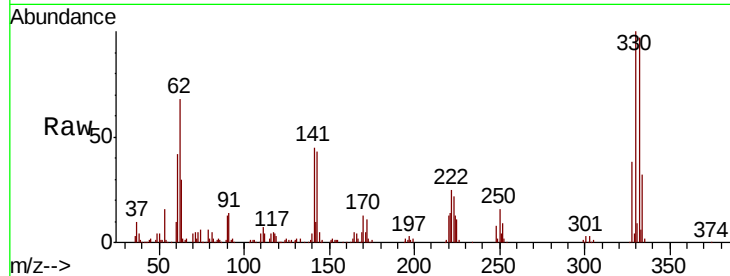




#42
2,4,6-Tribromophenol
Concen: 122.906 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039531.D
Acq: 15 Feb 2019 21:23

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.7	113.5
141	40.4	35.6	53.4

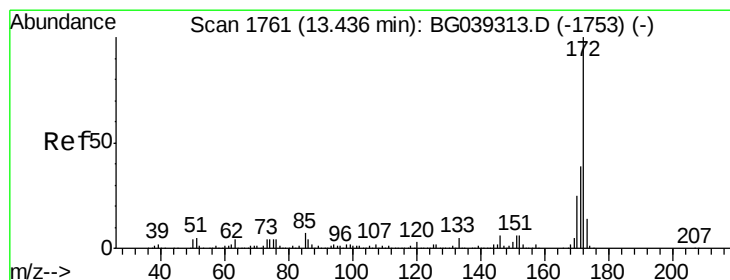
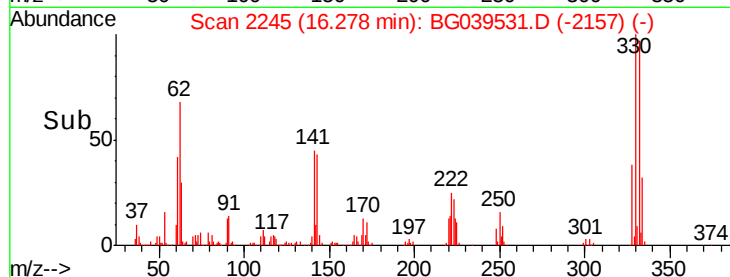
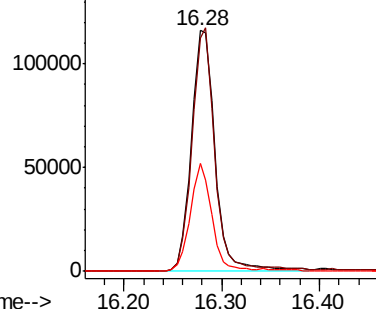


Abundance

Ion 329.80 (329.50 to 330.50): E

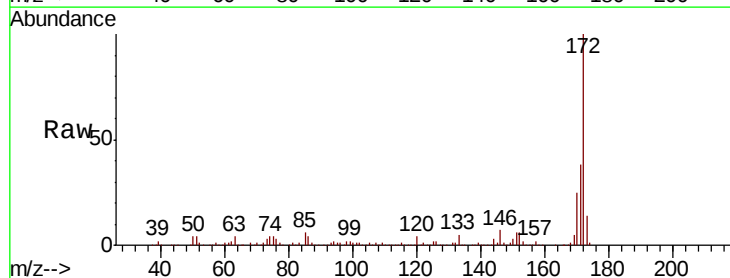
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 87.764 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039531.D
Acq: 15 Feb 2019 21:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	25.4	20.2	30.4

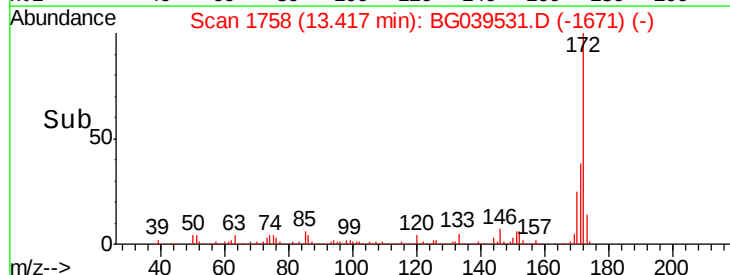
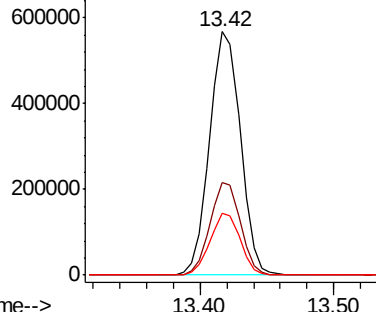


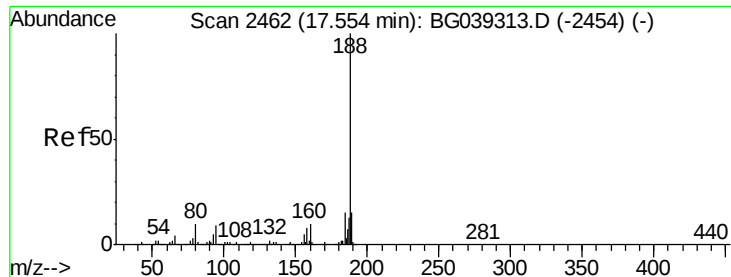
Abundance

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: BG039531.D

Acq: 15 Feb 2019 21:23

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-B

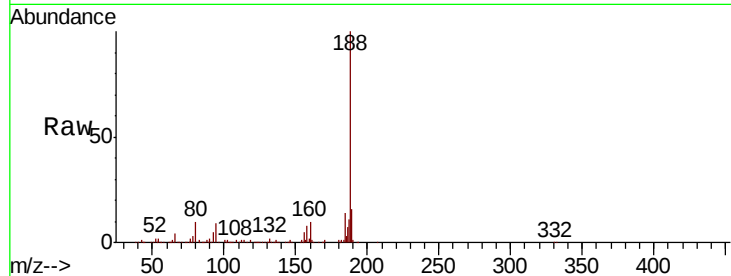
Tot Ion:188 Resp: 362362

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

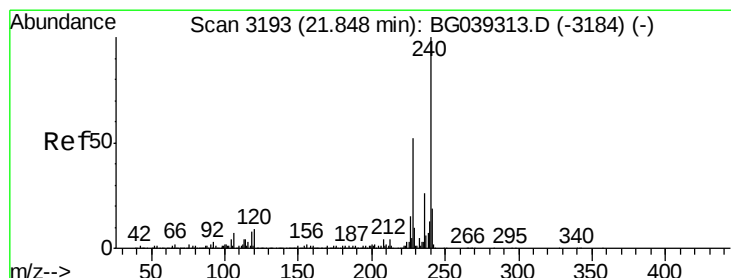
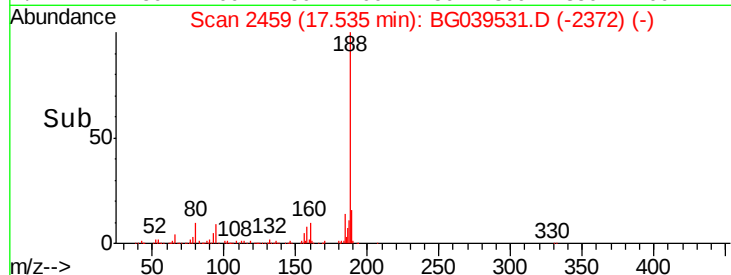
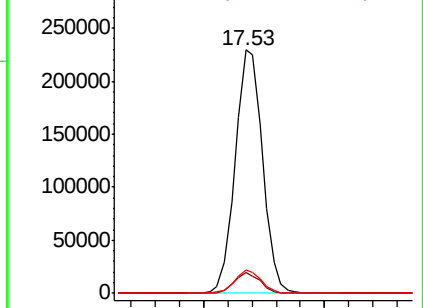
80 9.7 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039531.D

Acq: 15 Feb 2019 21:23

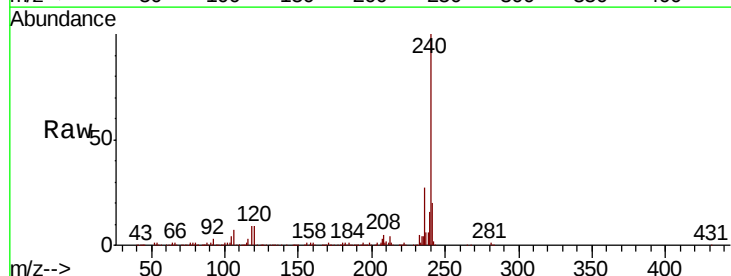
Tgt Ion:240 Resp: 385893

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

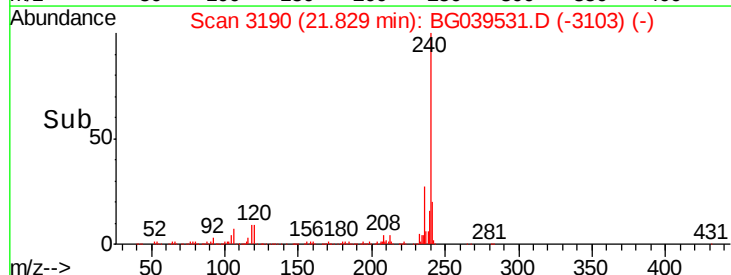
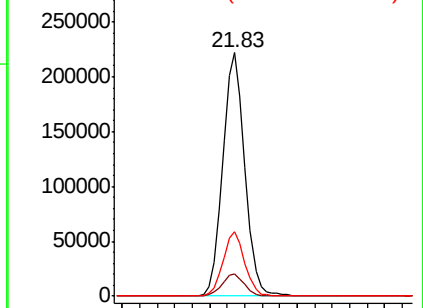
236 26.5 21.0 31.4

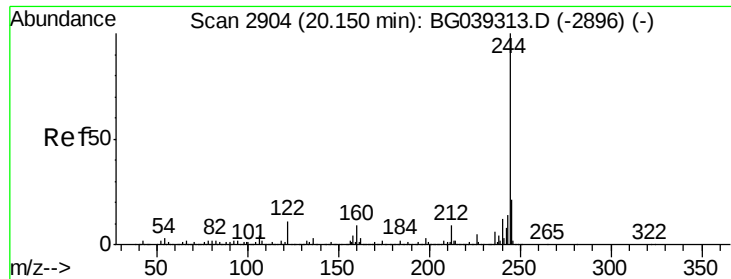


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.245 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039531.D

Acq: 15 Feb 2019 21:23

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-B

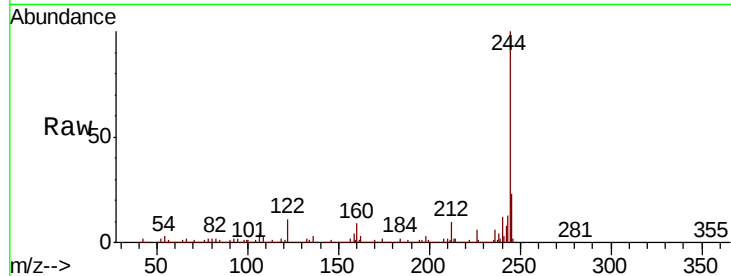
Tot Ion:244 Resp: 1554106

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.3	10.9
122	10.8	8.4	12.6

244 100

212 9.8 7.3 10.9

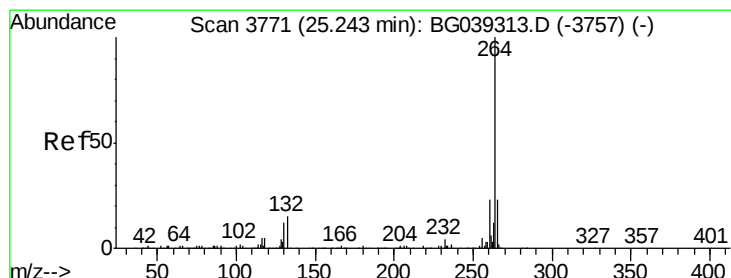
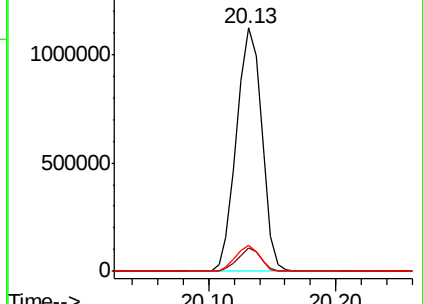
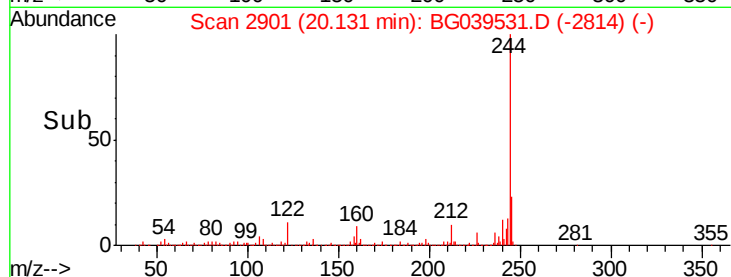
122 10.8 8.4 12.6



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: BG039531.D

Acq: 15 Feb 2019 21:23

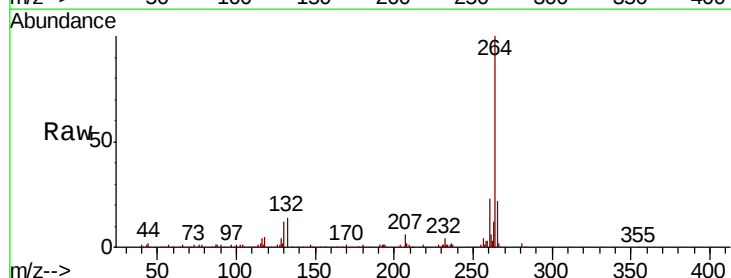
Tgt Ion:264 Resp: 364806

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.8	18.5	27.7

264 100

260 23.4 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

