

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039413.D
 Acq On : 8 Feb 2019 12:01
 Operator : JU/SJ
 Sample : PB116922TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116922TB

Quant Time: Feb 09 02:07:07 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	8.18	152	45560	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	206493	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	136455	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	336429	20.00	ng	0.00
76) Chrysene-d12	21.83	240	376342	20.00	ng	-0.01
87) Perylene-d12	25.22	264	364322	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	428284	160.89	ng	0.00
7) Phenol-d6	7.31	99	608234	155.23	ng	0.00
23) Nitrobenzene-d5	9.35	82	338039	102.27	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	114319	77.80	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	870279	91.49	ng	0.00
79) Terphenyl-d14	20.14	244	1455288	81.85	ng	-0.01

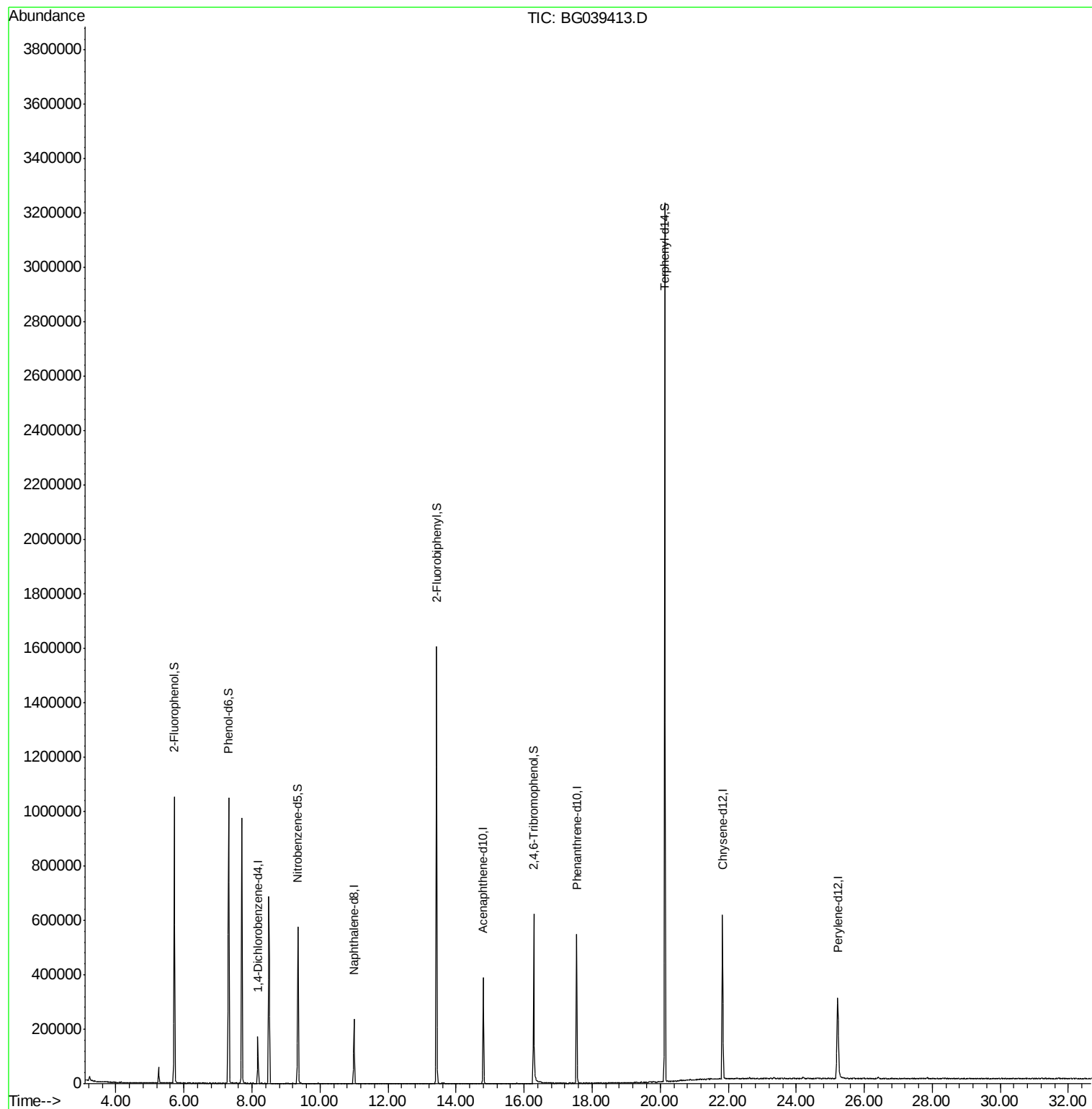
Target Compounds Qvalue

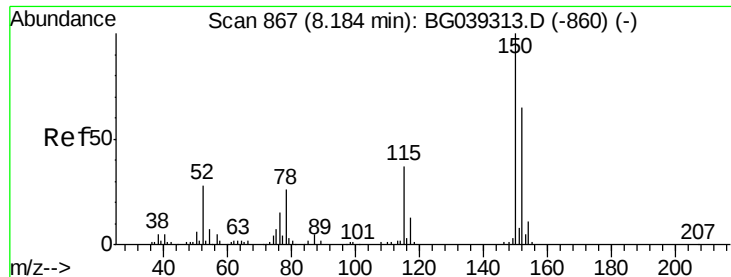
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039413.D

Acq: 8 Feb 2019 12:01

Instrument :

BNA_G

ClientSampleId :

PB116922TB

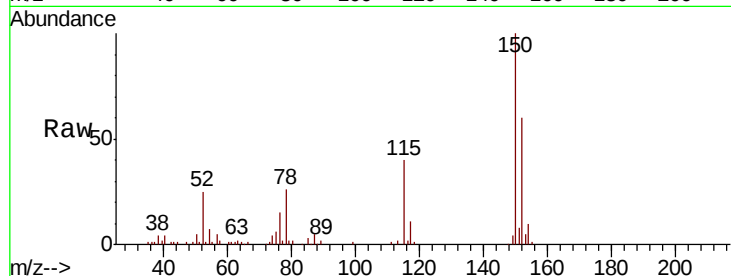
Tot Ion:152 Resp: 45560

Ion Ratio Lower Upper

152 100

150 165.4 123.7 185.5

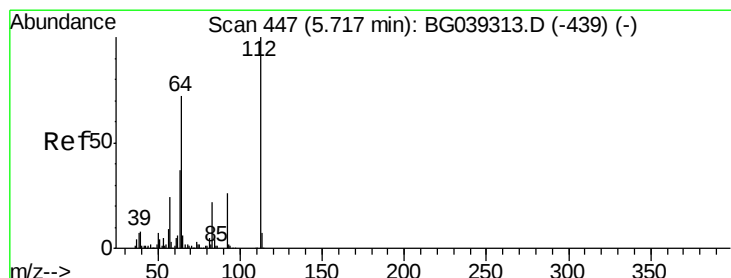
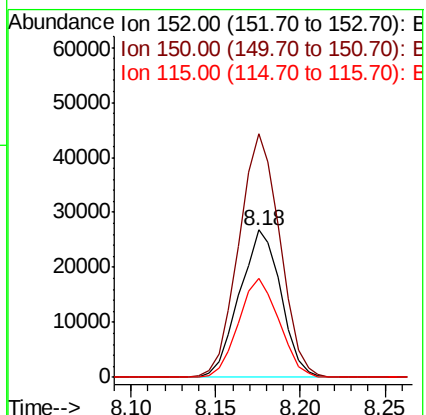
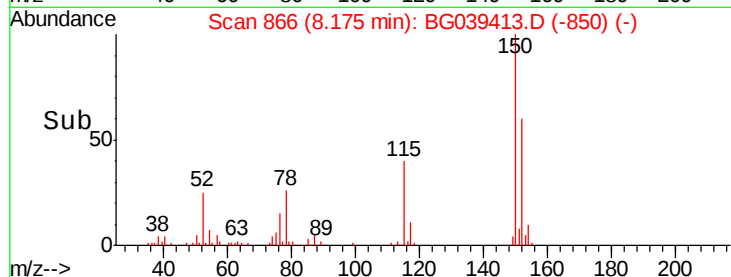
115 67.0 45.9 68.9



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: 160.889 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039413.D

Acq: 8 Feb 2019 12:01

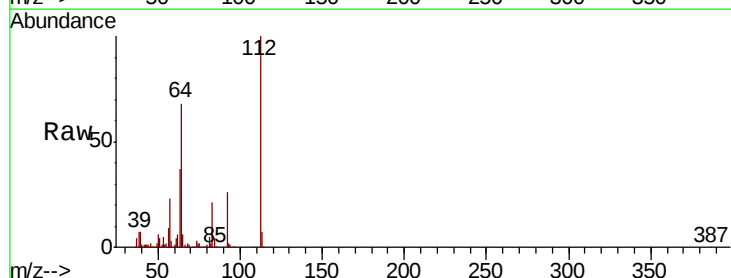
Tgt Ion:112 Resp: 428284

Ion Ratio Lower Upper

112 100

64 68.5 57.8 86.8

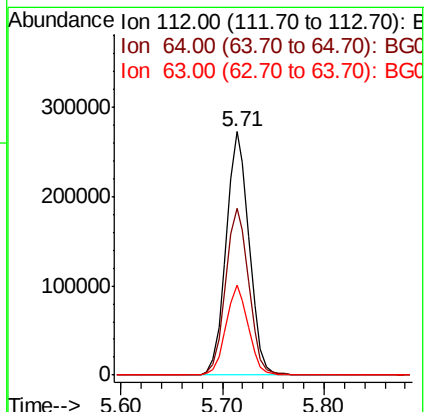
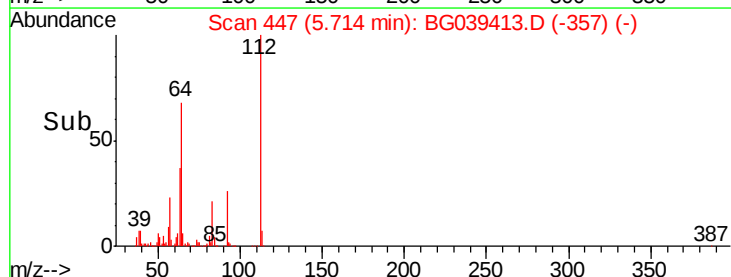
63 37.0 29.8 44.6

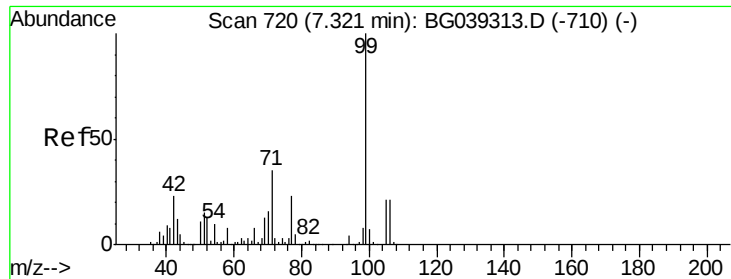


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 155.227 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039413.D

Acq: 8 Feb 2019 12:01

Instrument :

BNA_G

ClientSampleId :

PB116922TB

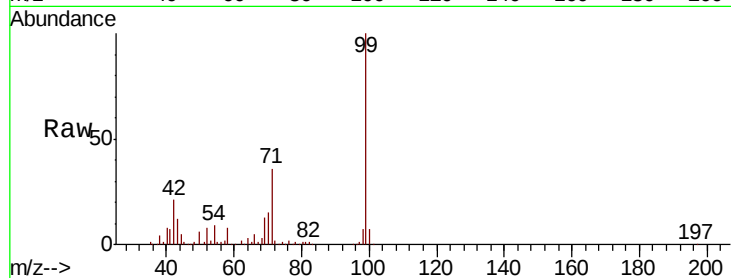
Tot Ion: 99 Resp: 608234

Ion Ratio Lower Upper

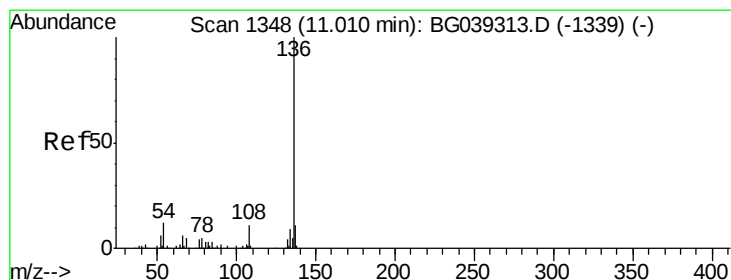
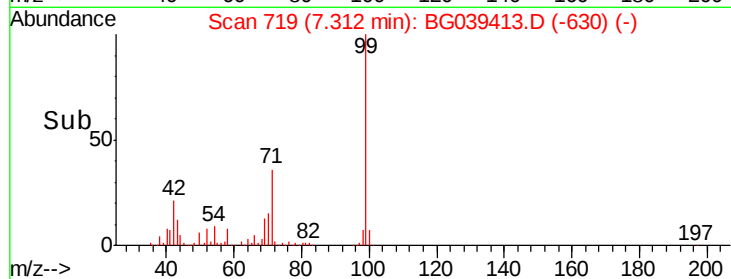
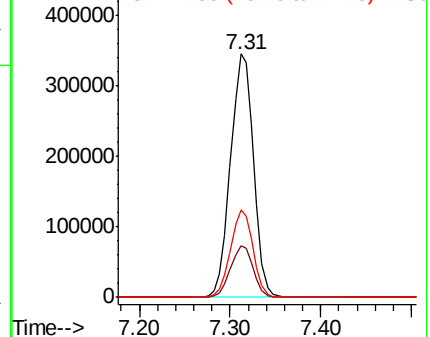
99 100

42 21.1 18.2 27.2

71 36.0 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# 1347

Delta R.T. -0.01 min

Lab File: BG039413.D

Acq: 8 Feb 2019 12:01

Tgt Ion: 136 Resp: 206493

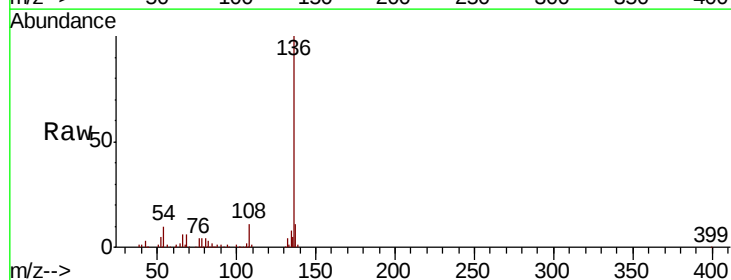
Ion Ratio Lower Upper

136 100

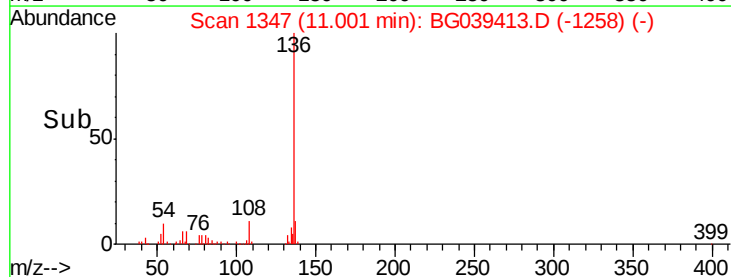
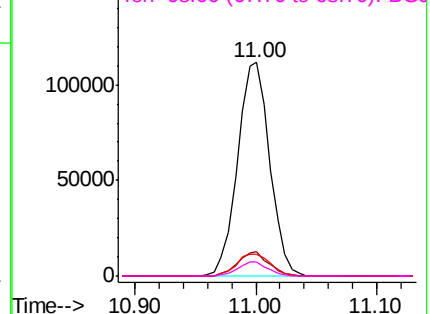
137 11.3 9.1 13.7

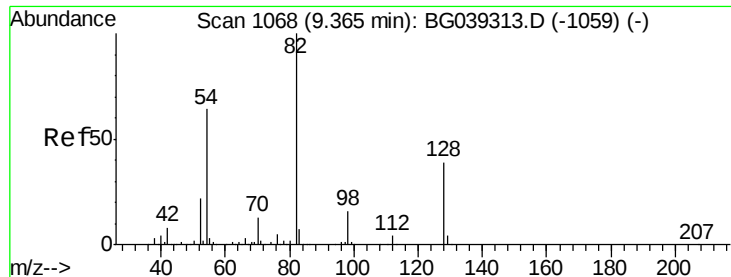
54 10.4 9.4 14.2

68 6.4 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

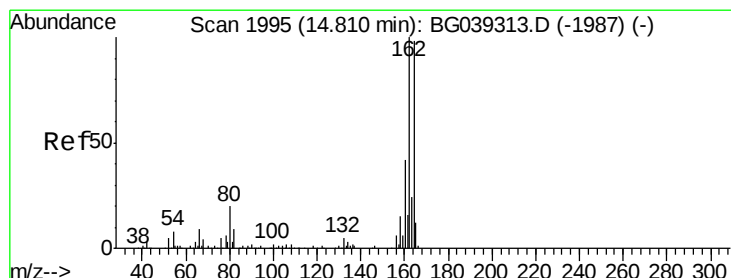
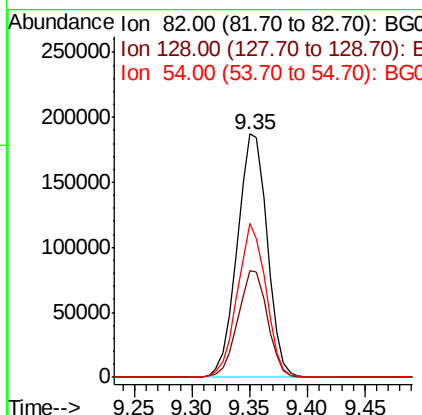
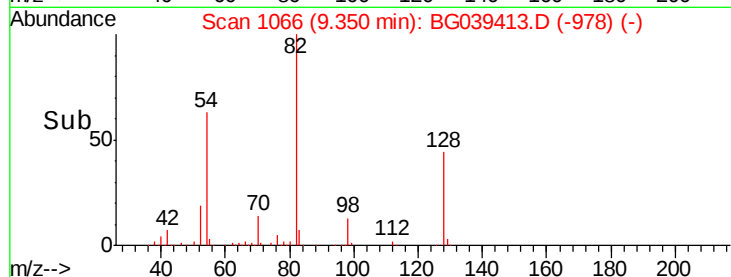
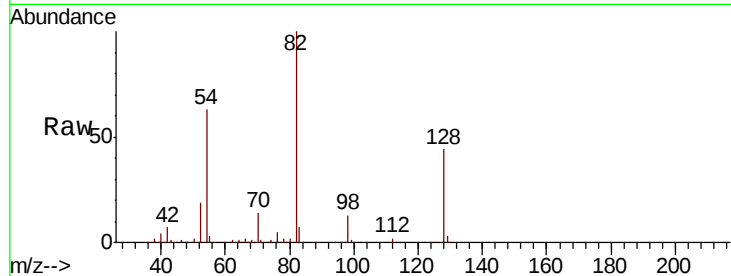




#23
Nitrobenzene-d5
Concen: 102.269 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

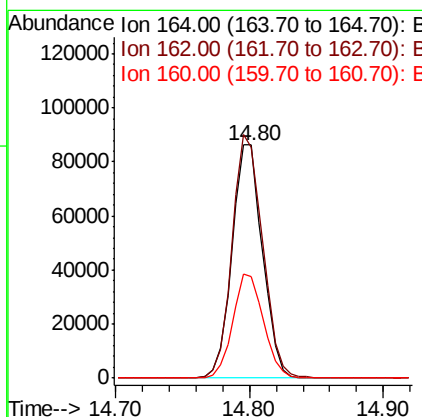
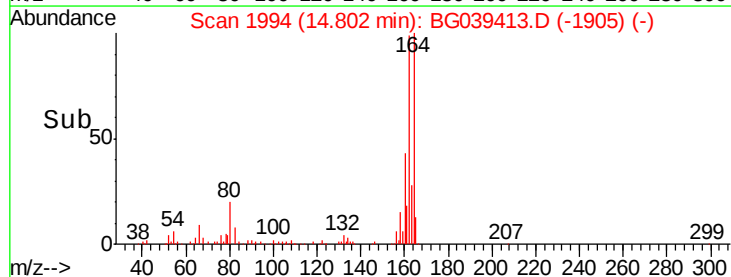
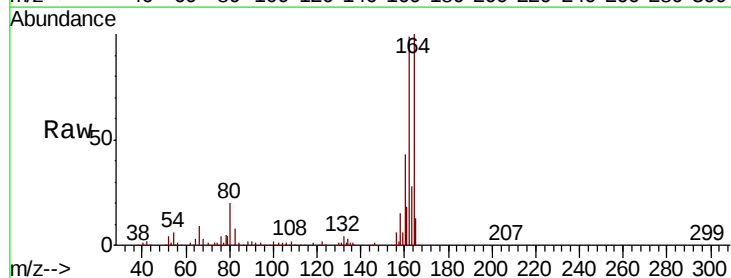
Instrument :
BNA_G
ClientSampleId :
PB116922TB

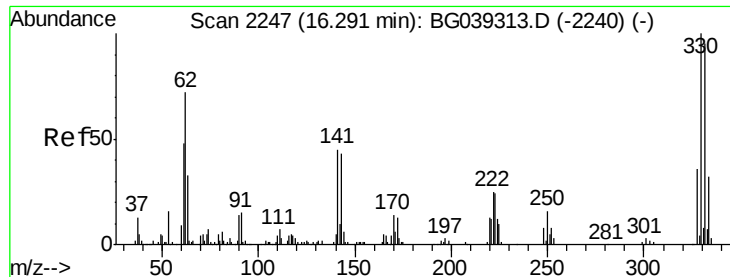
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	63.1	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039413.D
Acq: 8 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.6	122.4
160	43.3	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 77.800 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039413.D

Acq: 8 Feb 2019 12:01

Instrument :

BNA_G

ClientSampleId :

PB116922TB

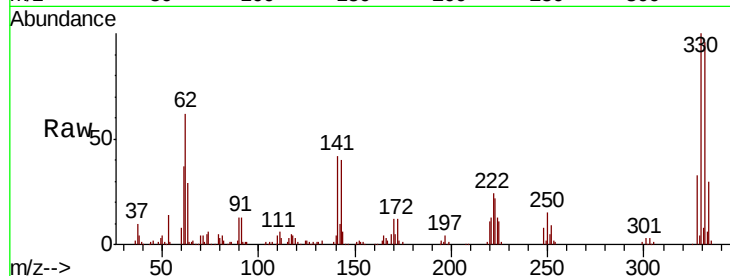
Tot Ion:330 Resp: 114319

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

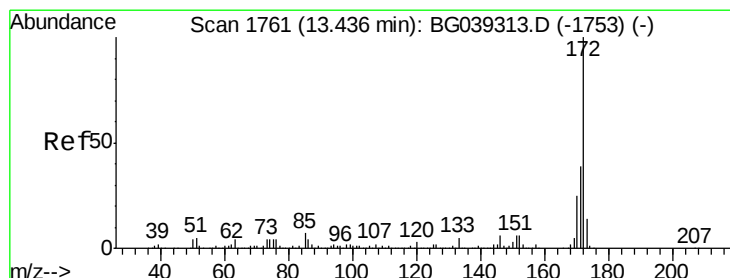
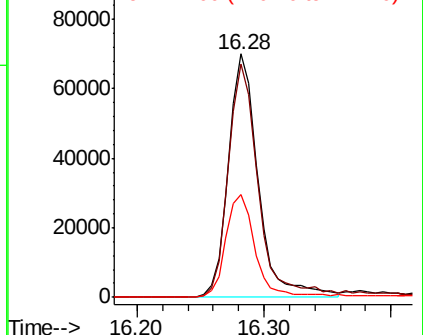
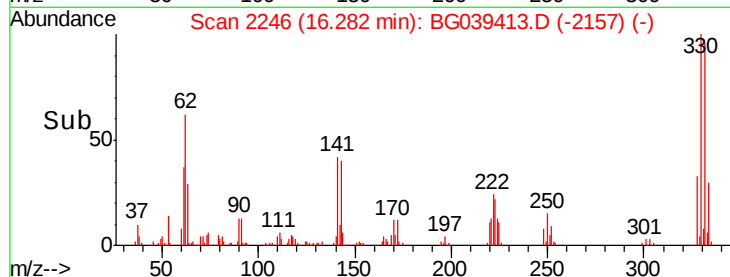
141 40.8 35.6 53.4



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: 91.492 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG039413.D

Acq: 8 Feb 2019 12:01

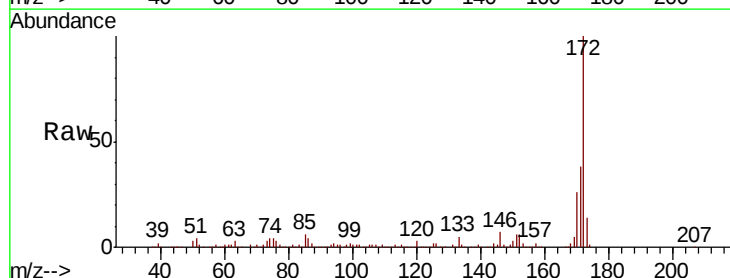
Tgt Ion:172 Resp: 870279

Ion Ratio Lower Upper

172 100

171 37.8 30.8 46.2

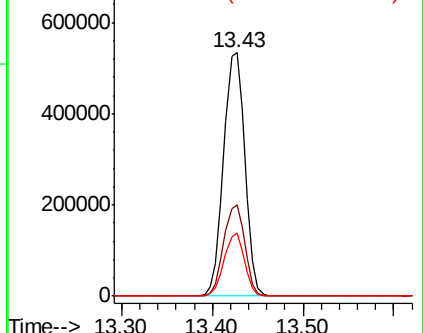
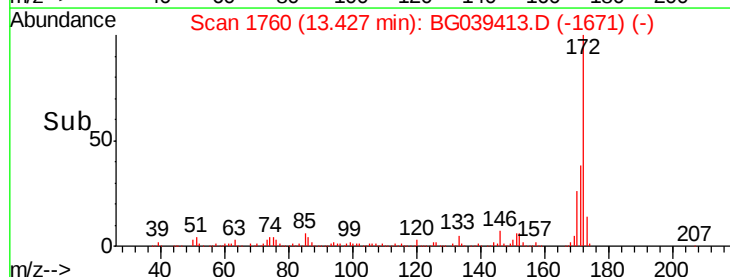
170 25.7 20.2 30.4

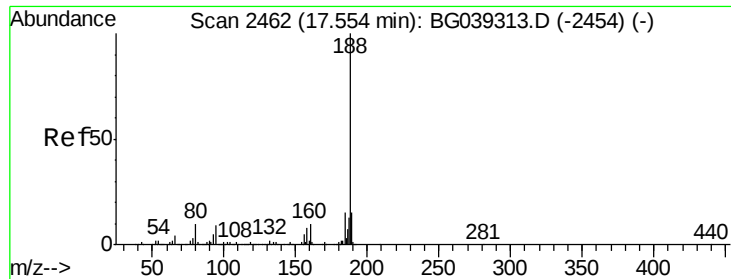


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2461

Delta R.T. -0.01 min

Lab File: BG039413.D

Acq: 8 Feb 2019 12:01

Instrument :

BNA_G

ClientSampleId :

PB116922TB

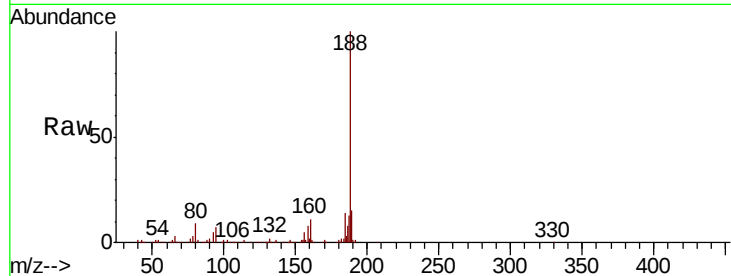
Tot Ion:188 Resp: 336429

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

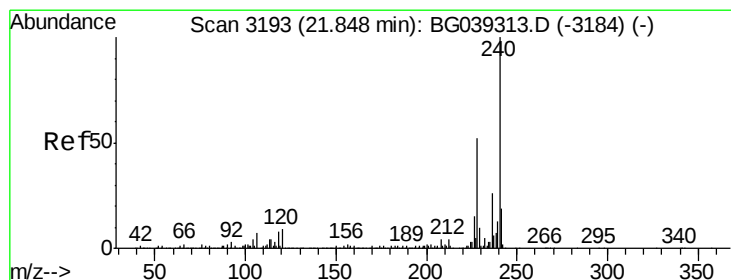
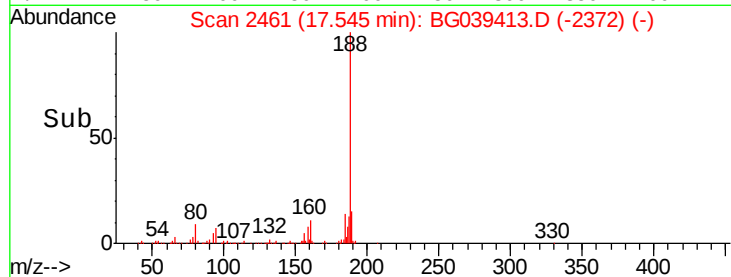
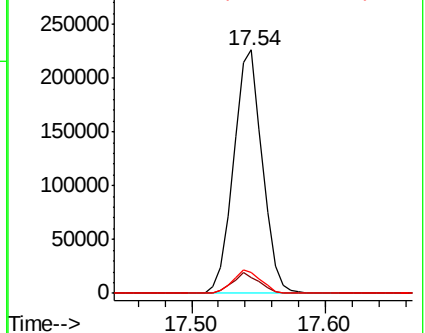
80 8.7 8.1 12.1



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# 3191

Delta R.T. -0.01 min

Lab File: BG039413.D

Acq: 8 Feb 2019 12:01

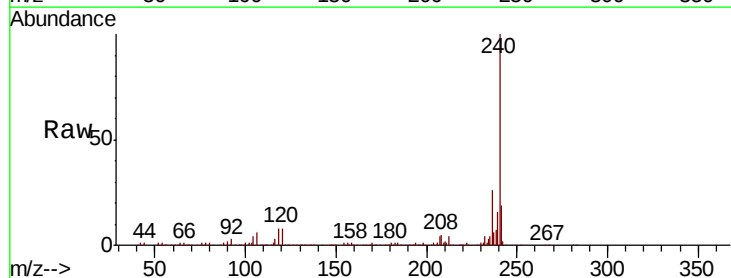
Tgt Ion:240 Resp: 376342

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

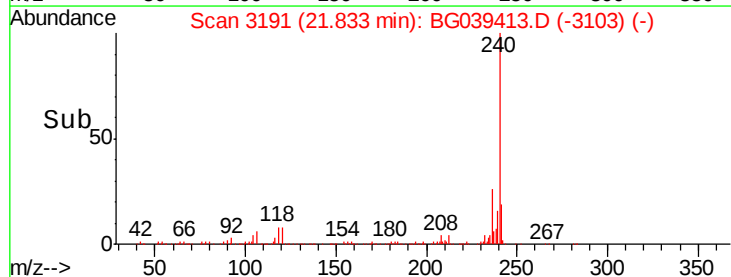
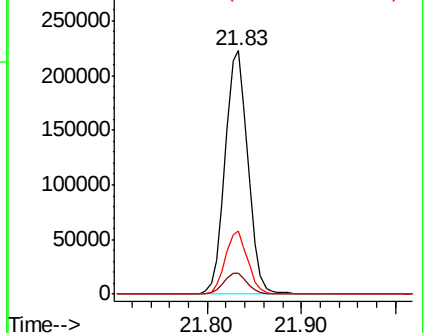
236 26.0 21.0 31.4

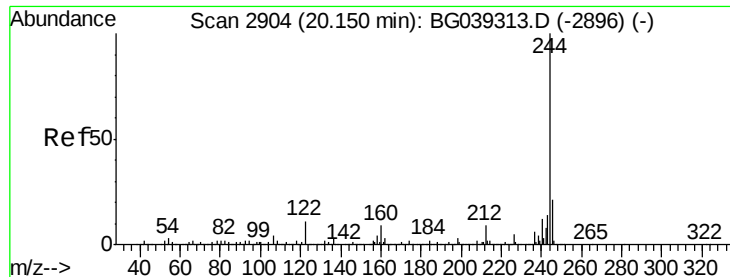


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.851 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039413.D

Acq: 8 Feb 2019 12:01

Instrument :

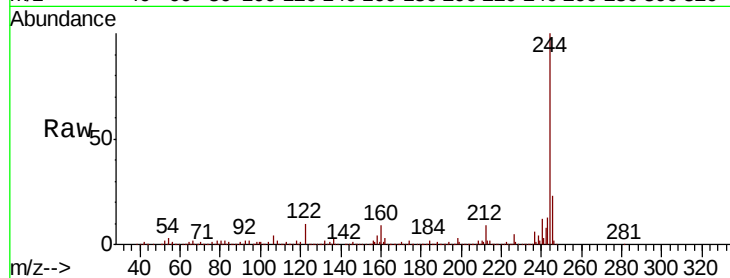
BNA_G

ClientSampleId :

PB116922TB

Tot Ion:244 Resp: 1455288

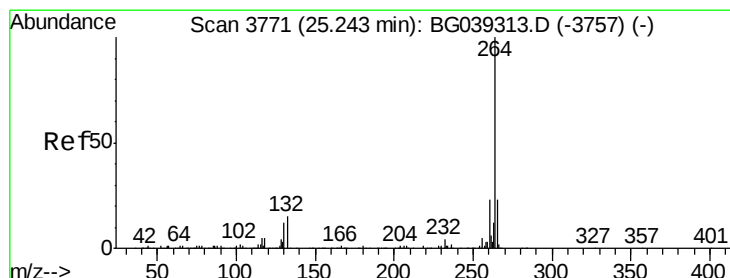
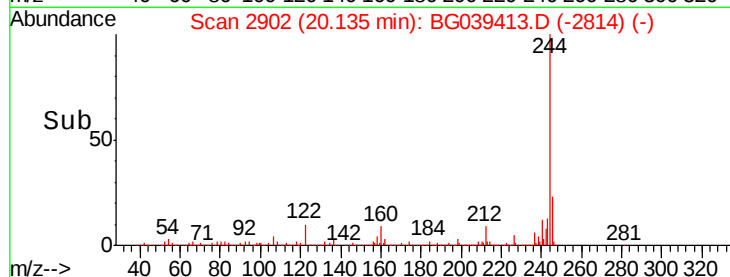
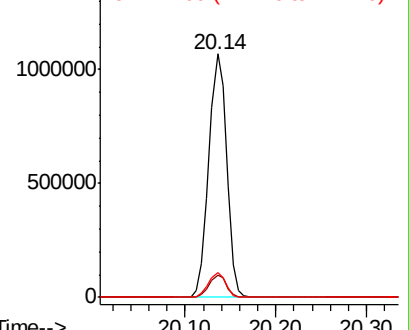
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.0	8.4	12.6



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: 25.22 min Scan# 3767

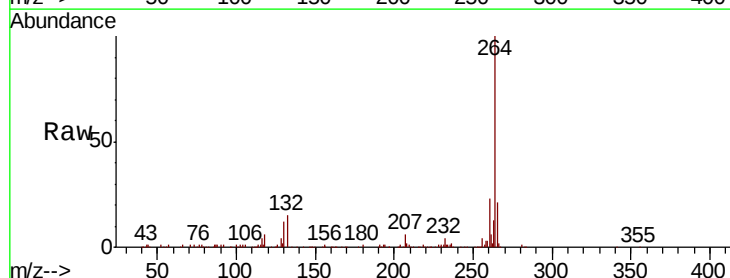
Delta R.T. -0.03 min

Lab File: BG039413.D

Acq: 8 Feb 2019 12:01

Tgt Ion:264 Resp: 364322

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.7	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

