

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039457.D
 Acq On : 12 Feb 2019 9:12
 Operator : JU/SJ
 Sample : K1450-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-BOX-CULVERT-TP

Quant Time: Feb 12 11:48:24 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	52432	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	233432	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	160738	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	399843	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	411227	20.00	ng	-0.02
87) Perylene-d12	25.20	264	412021	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	438675	143.19	ng	0.00
7) Phenol-d6	7.31	99	586476	130.06	ng	-0.01
23) Nitrobenzene-d5	9.35	82	409201	109.51	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	281346	162.55	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	992948	88.62	ng	-0.02
79) Terphenyl-d14	20.13	244	1654064	85.14	ng	-0.02

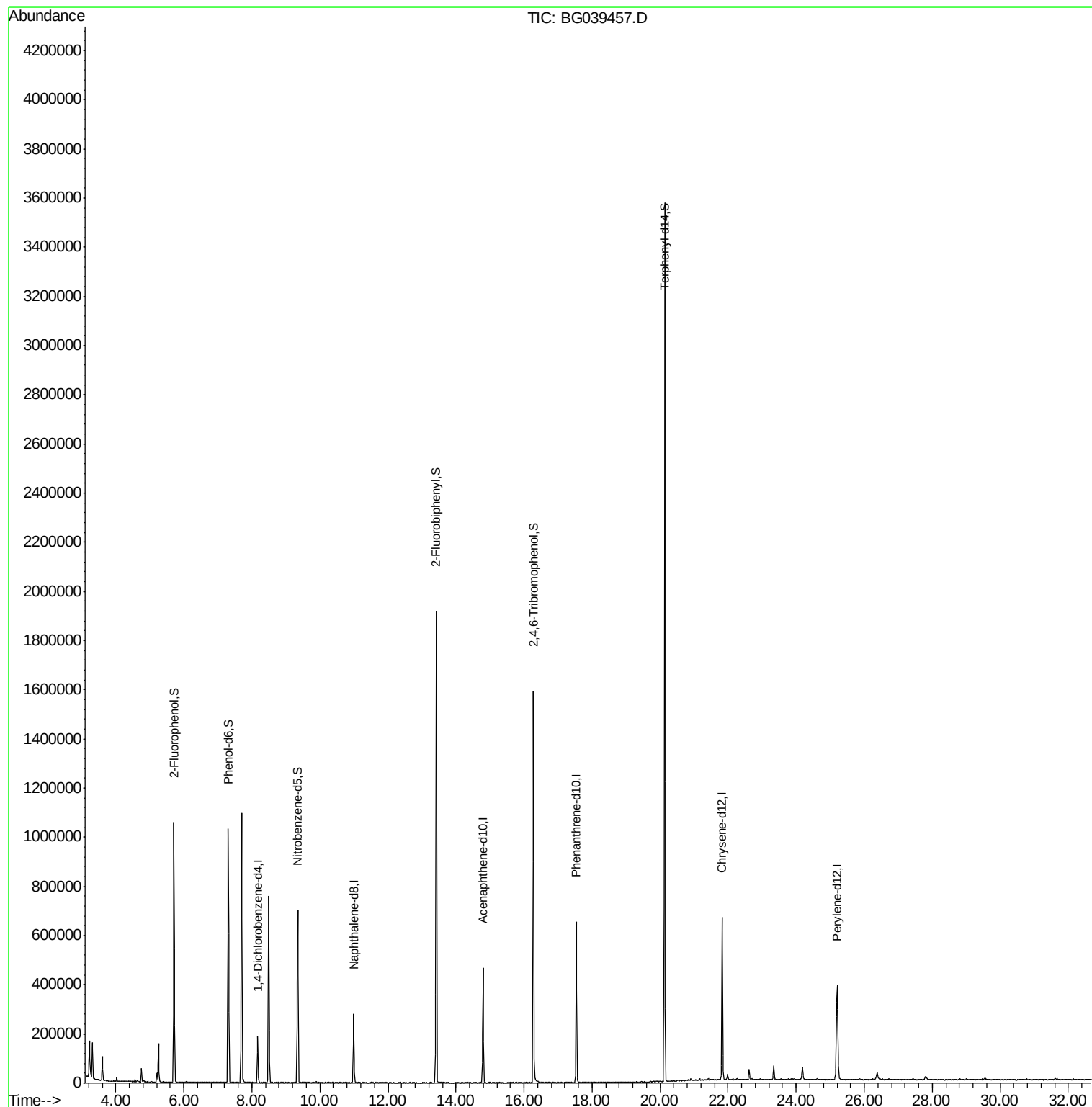
Target Compounds Qvalue

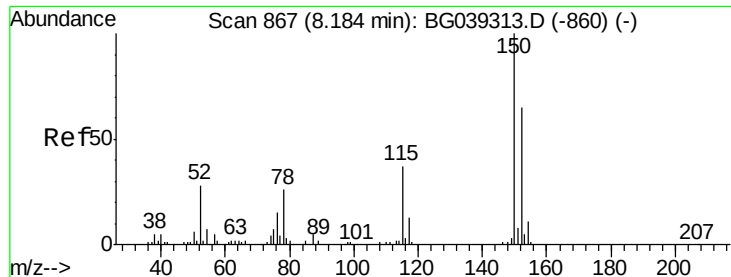
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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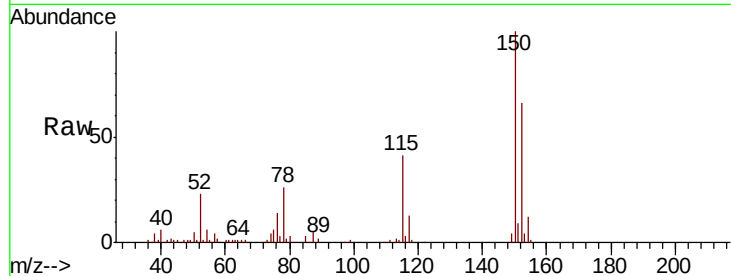


#1

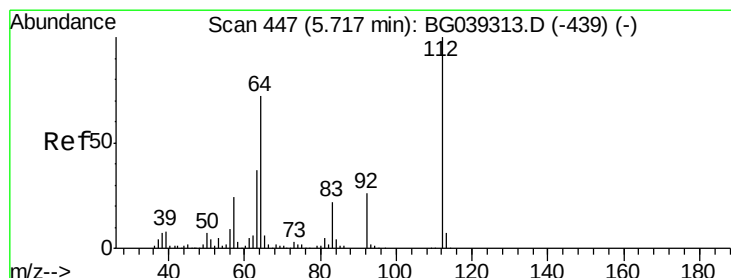
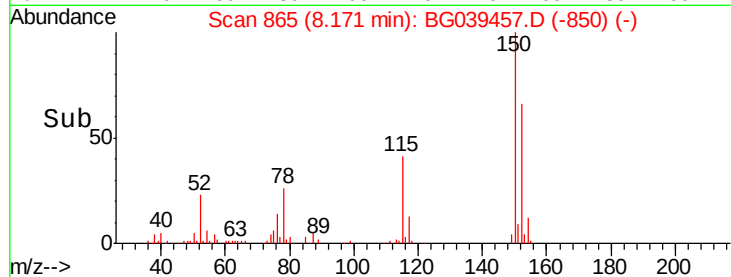
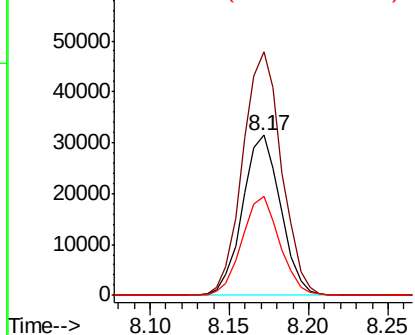
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-BOX-CULVERT-TP

Tot Ion:152 Resp: 52432
Ion Ratio Lower Upper
152 100
150 152.1 123.7 185.5
115 62.1 45.9 68.9



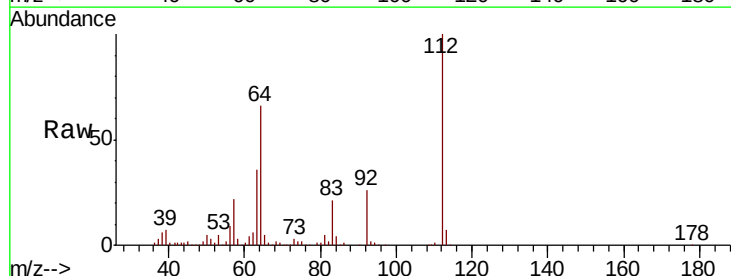
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



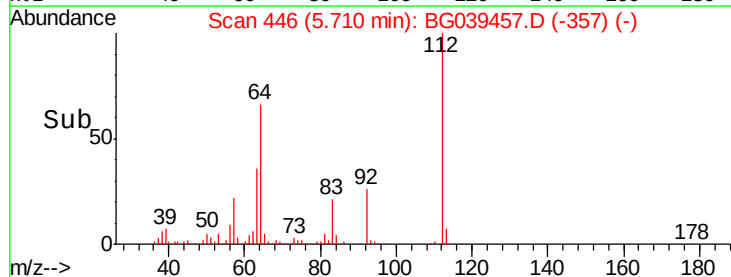
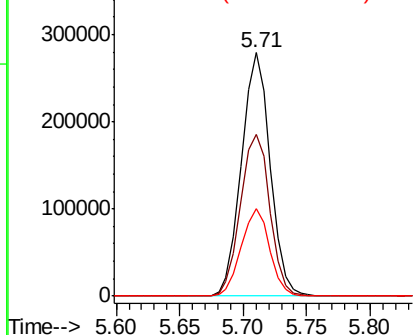
#5

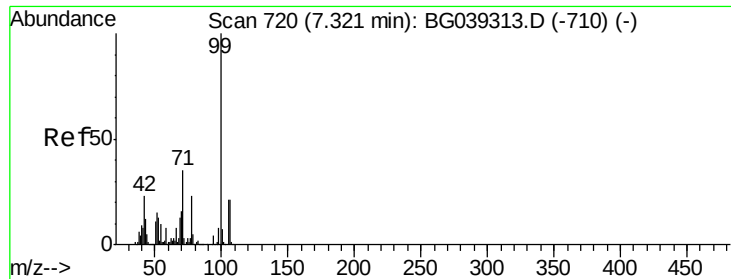
2-Fluorophenol
Concen: 143.194 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Tgt Ion:112 Resp: 438675
Ion Ratio Lower Upper
112 100
64 66.4 57.8 86.8
63 35.9 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: 130.057 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039457.D

Acq: 12 Feb 2019 9:12

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

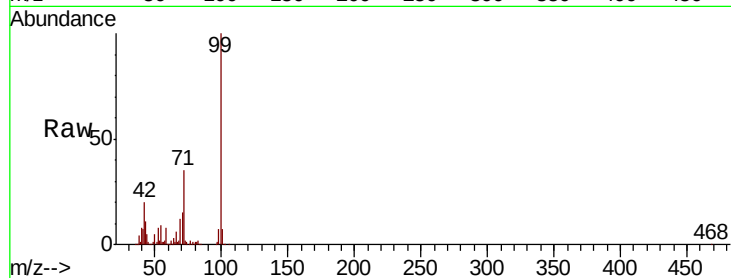
Tot Ion: 99 Resp: 586476

Ion Ratio Lower Upper

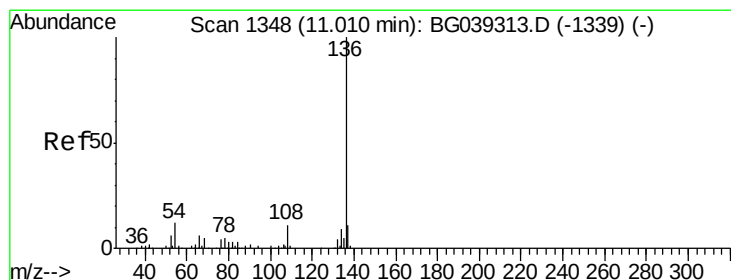
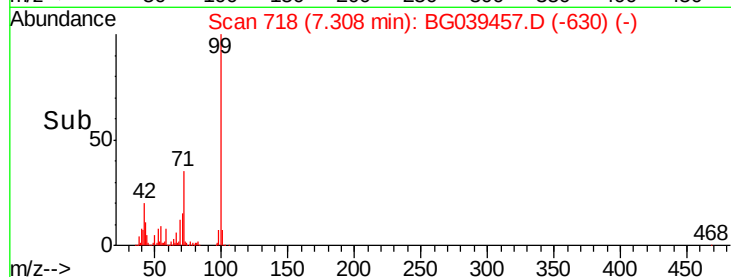
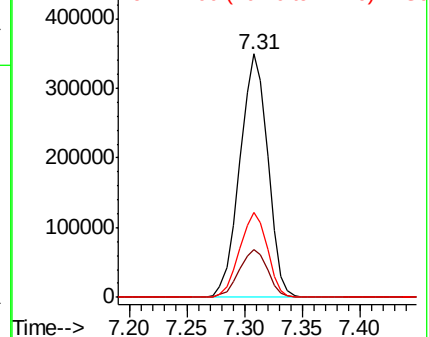
99 100

42 19.7 18.2 27.2

71 35.1 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: BG039457.D

Acq: 12 Feb 2019 9:12

Tgt Ion: 136 Resp: 233432

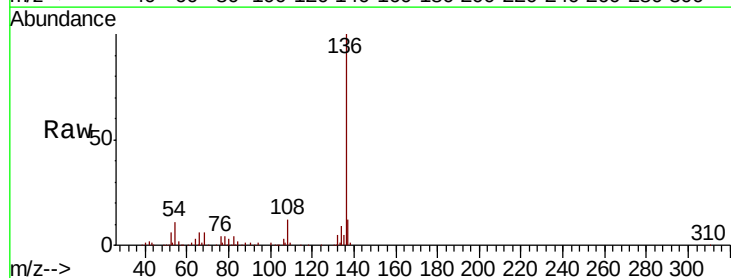
Ion Ratio Lower Upper

136 100

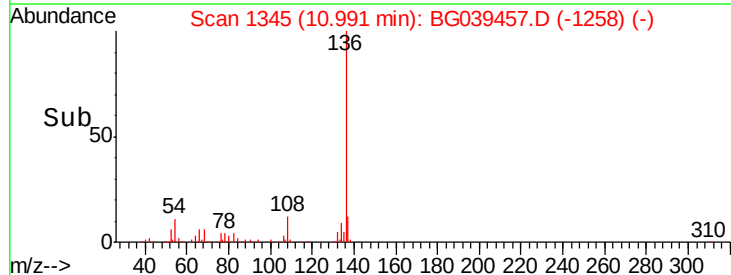
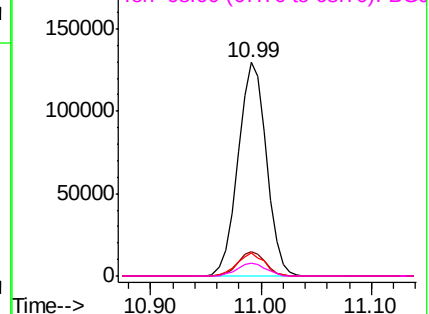
137 11.5 9.1 13.7

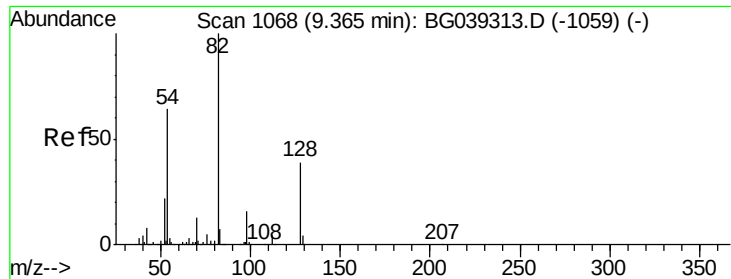
54 10.6 9.4 14.2

68 6.2 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

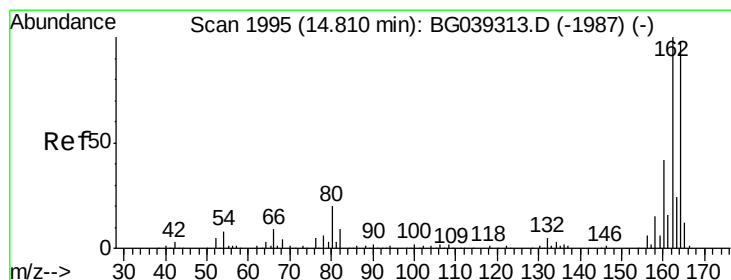
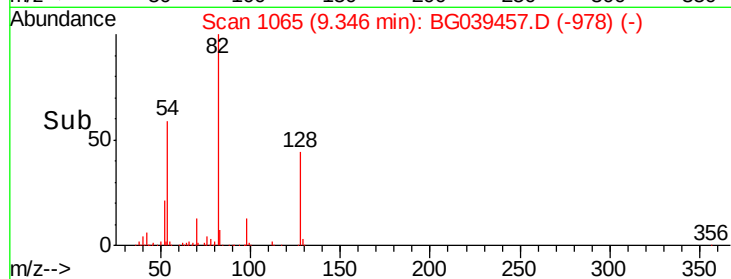
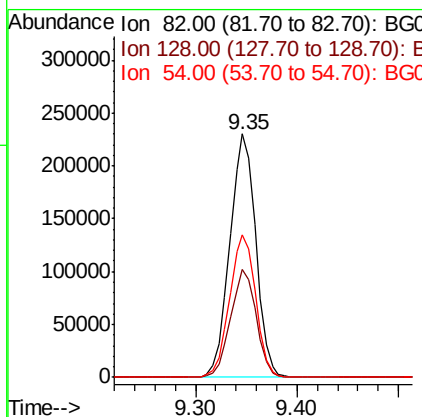
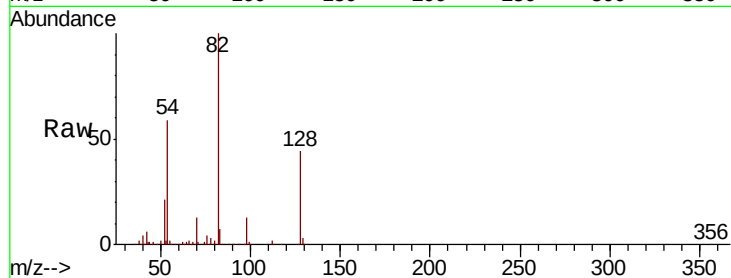




#23
Nitrobenzene-d5
Concen: 109.511 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

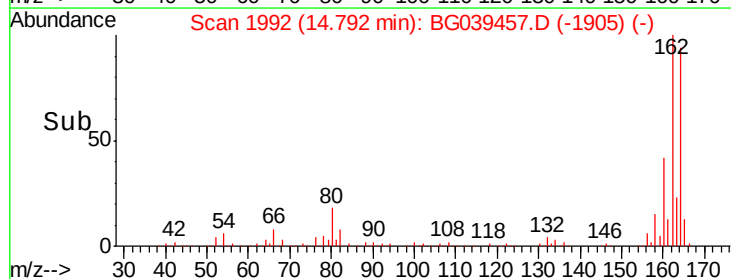
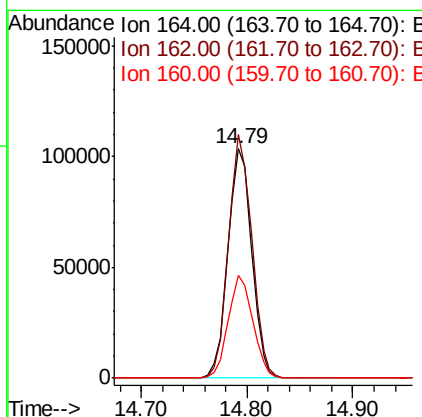
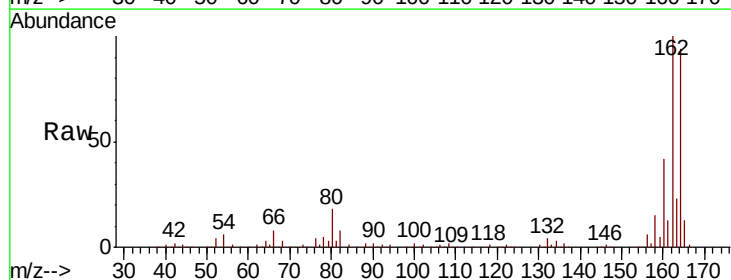
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-BOX-CULVERT-TP

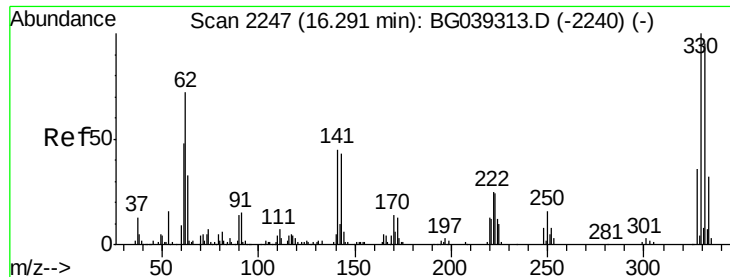
Tot Ion: 82 Resp: 409201
Ion Ratio Lower Upper
82 100
128 44.2 31.3 46.9
54 58.6 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039457.D
Acq: 12 Feb 2019 9:12

Tgt Ion: 164 Resp: 160738
Ion Ratio Lower Upper
164 100
162 106.3 81.6 122.4
160 44.7 34.2 51.2

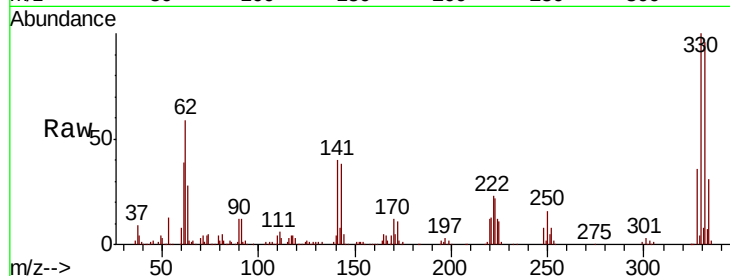




#42
 2,4,6-Tribromophenol
 Concen: 162.546 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039457.D
 Acq: 12 Feb 2019 9:12

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-BOX-CULVERT-TP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.7	113.5
141	40.4	35.6	53.4

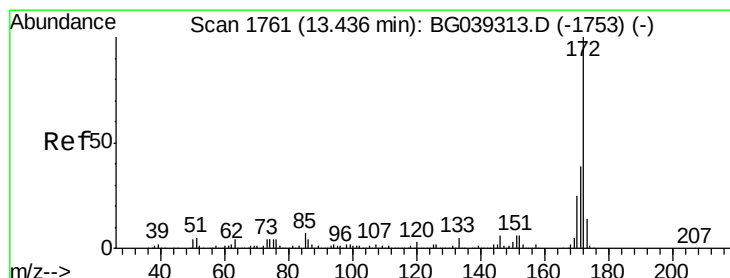
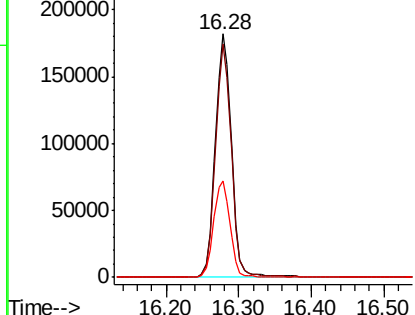
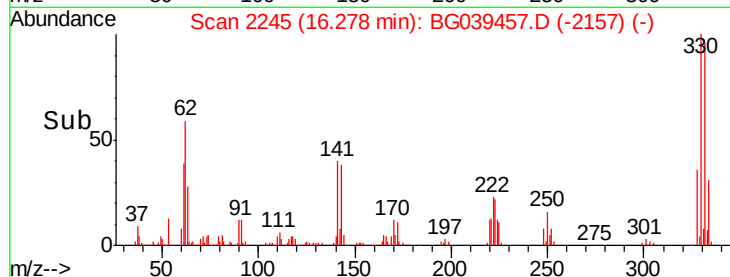


Abundance

Ion 329.80 (329.50 to 330.50): E

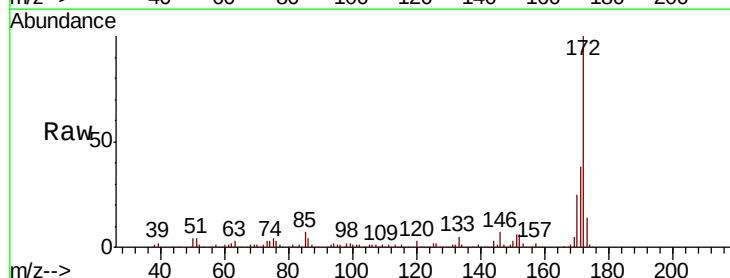
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.618 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039457.D
 Acq: 12 Feb 2019 9:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.2	20.2	30.4

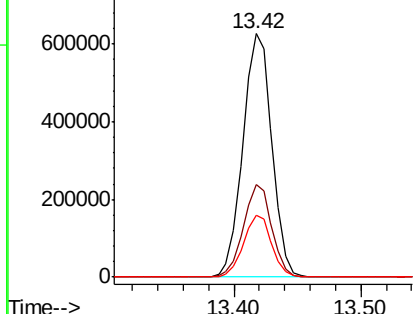
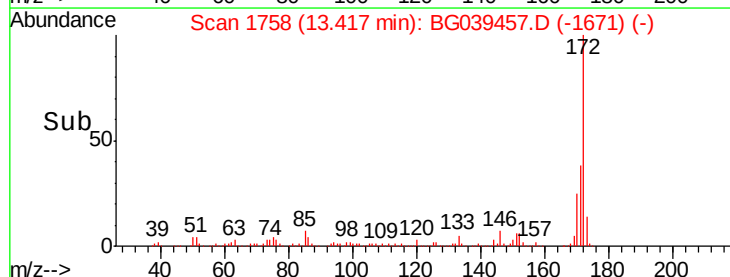


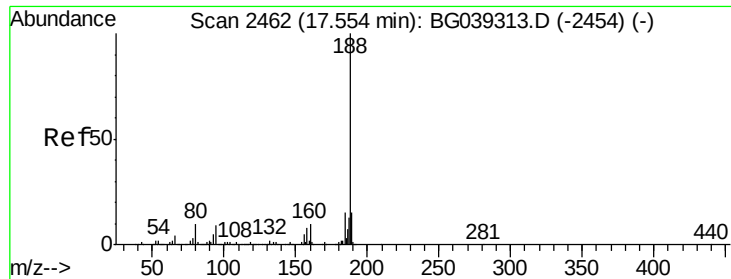
Abundance

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# 2459

Delta R.T. -0.02 min

Lab File: BG039457.D

Acq: 12 Feb 2019 9:12

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

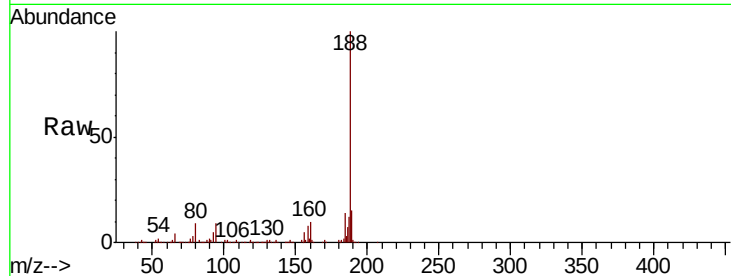
Tot Ion:188 Resp: 399843

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

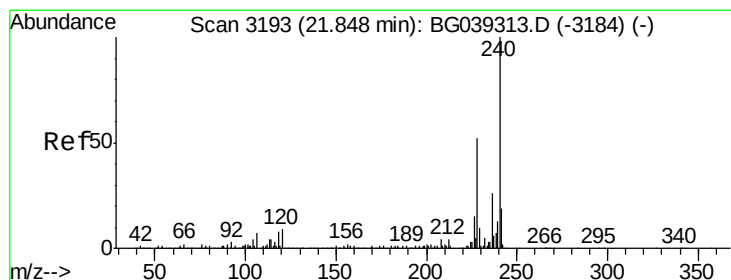
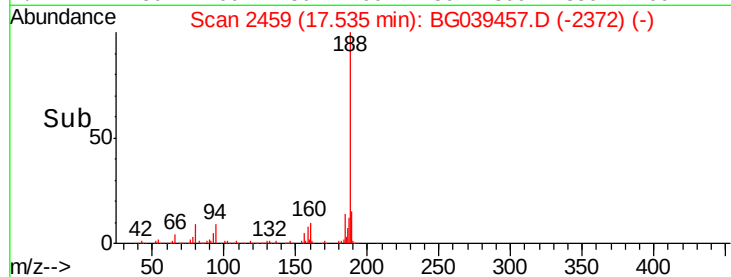
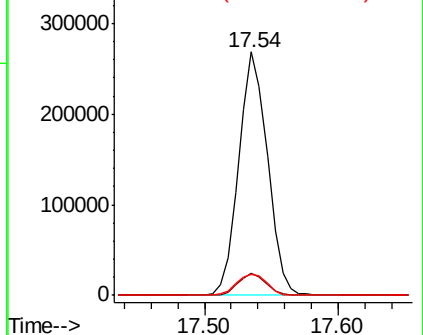
80 8.7 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039457.D

Acq: 12 Feb 2019 9:12

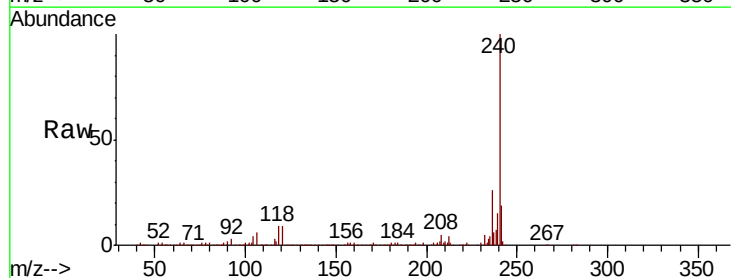
Tgt Ion:240 Resp: 411227

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

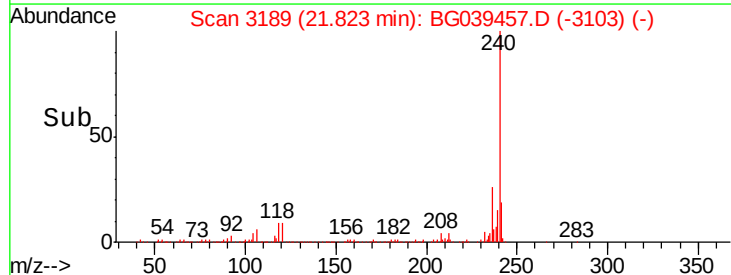
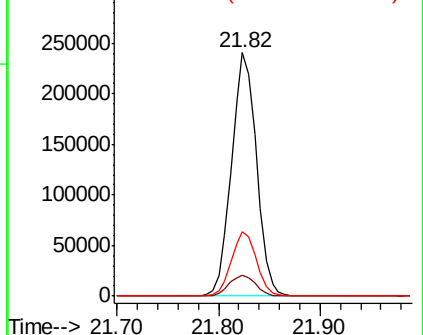
236 26.3 21.0 31.4

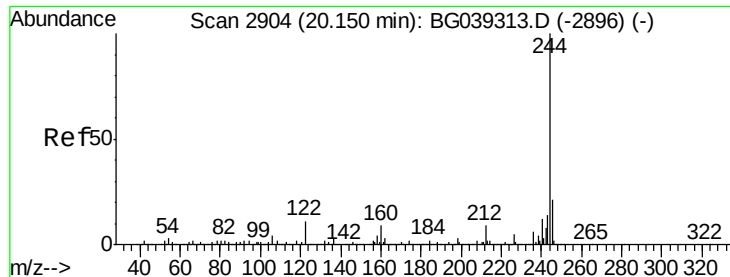


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.139 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039457.D

Acq: 12 Feb 2019 9:12

Instrument :

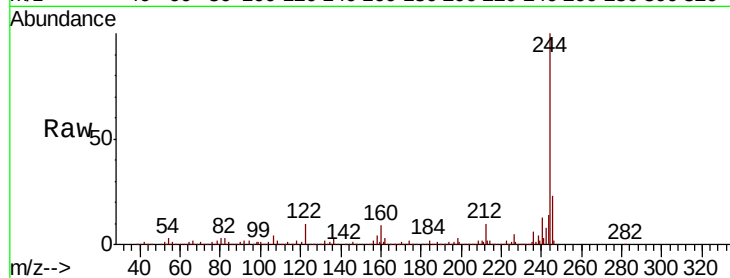
BNA_G

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

Tot Ion:244 Resp: 1654064

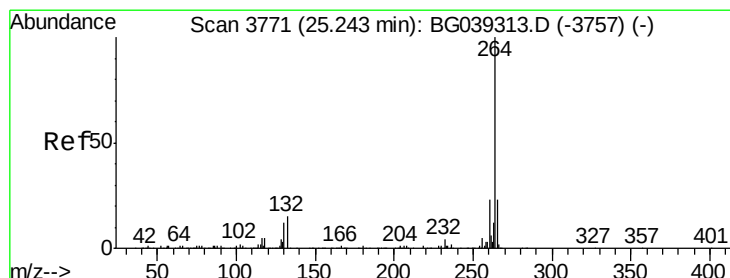
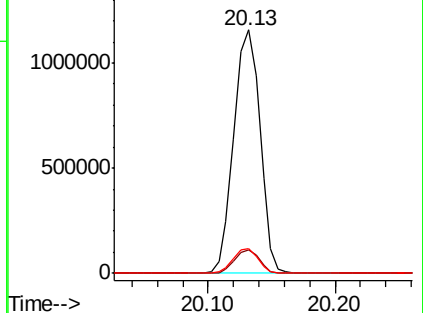
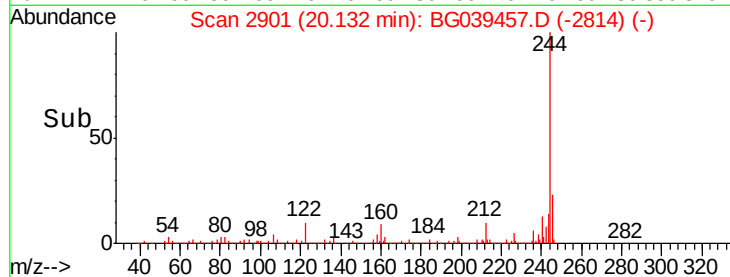
Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	10.3	8.4	12.6



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: 25.20 min Scan# 3764

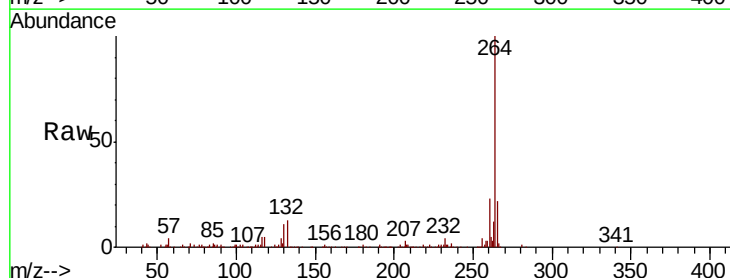
Delta R.T. -0.04 min

Lab File: BG039457.D

Acq: 12 Feb 2019 9:12

Tgt Ion:264 Resp: 412021

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	22.0	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

