

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022519\
 Data File : BG039587.D
 Acq On : 25 Feb 2019 15:17
 Operator : JU/SJ
 Sample : K1556-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP

Quant Time: Feb 25 17:06:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 16:56:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54473	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	243721	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	165438	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	386711	20.00	ng	0.00
76) Chrysene-d12	21.83	240	393095	20.00	ng	0.00
87) Perylene-d12	25.21	264	329261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	424252	133.30	ng	0.00
7) Phenol-d6	7.32	99	567241	121.08	ng	0.00
23) Nitrobenzene-d5	9.34	82	409803	105.04	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	207016	116.20	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	960001	83.24	ng	0.00
79) Terphenyl-d14	20.13	244	1557104	83.84	ng	0.00

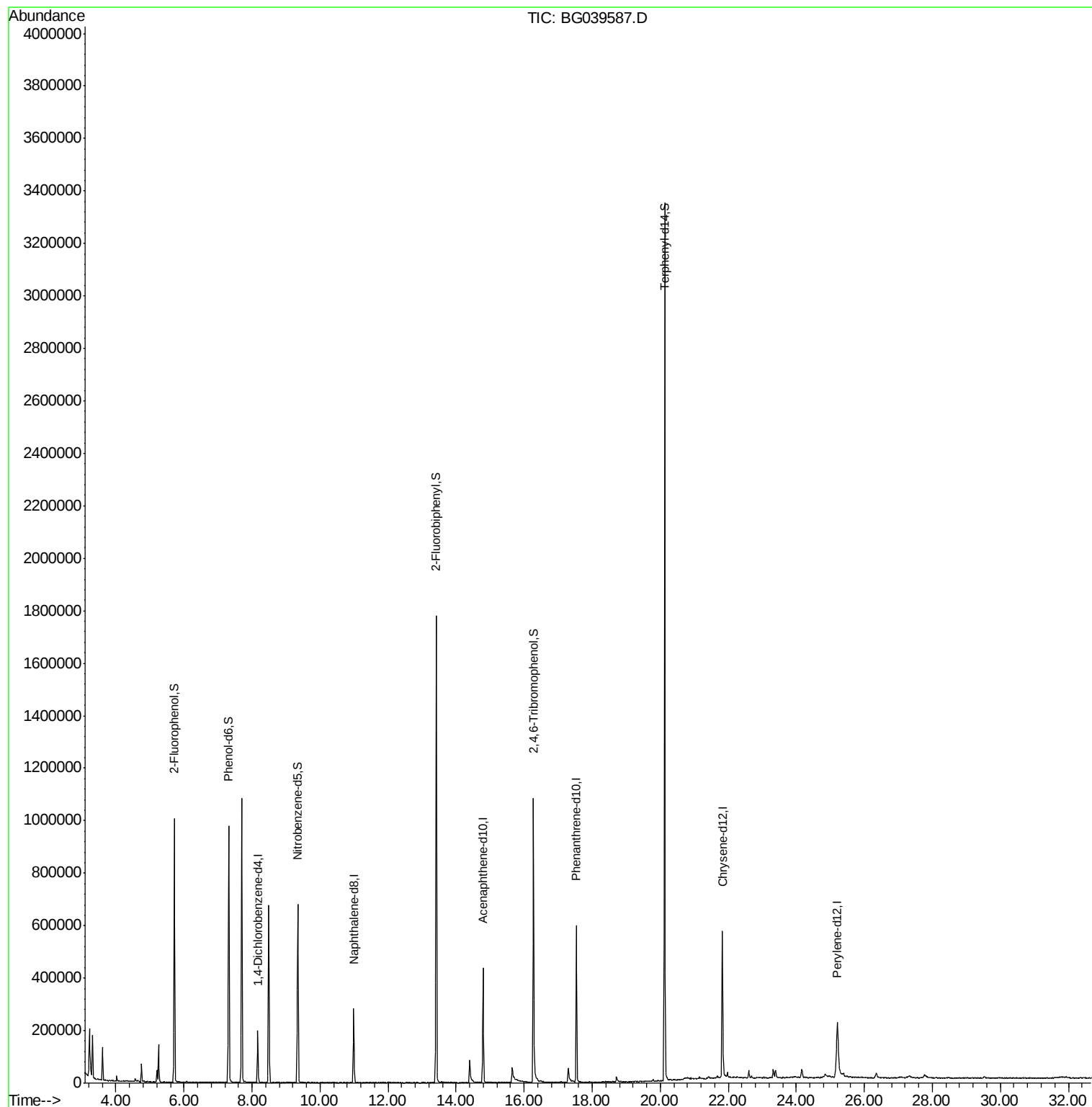
Target Compounds Qvalue

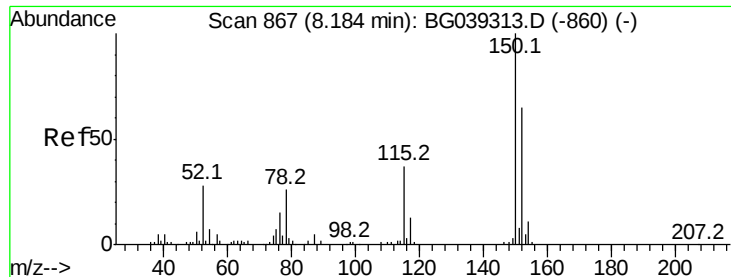
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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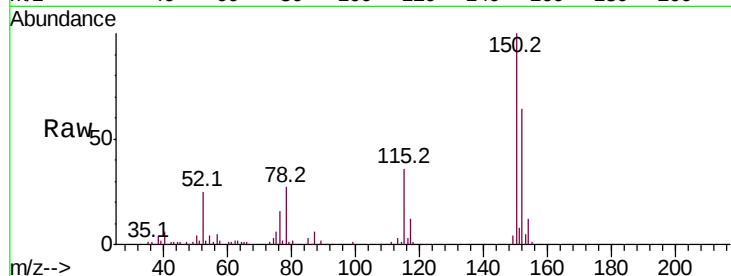


#1

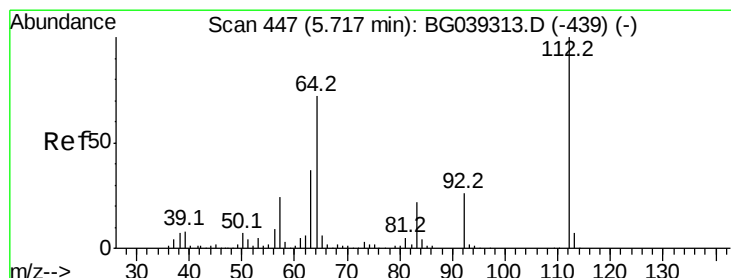
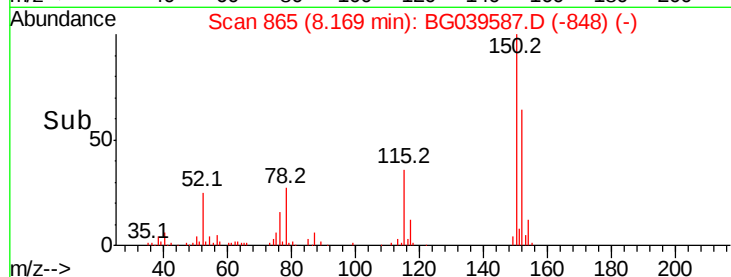
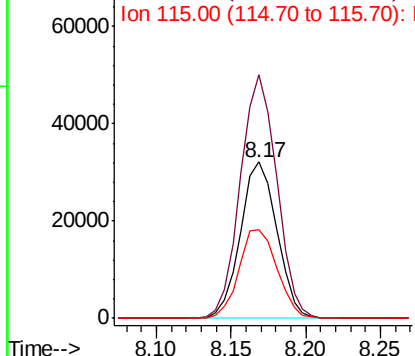
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BG039587.D
Acq: 25 Feb 2019 15:17

Instrument :
BNA_G
ClientSampleId :
COMP

Tot Ion:152 Resp: 54473
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 56.8 45.9 68.9



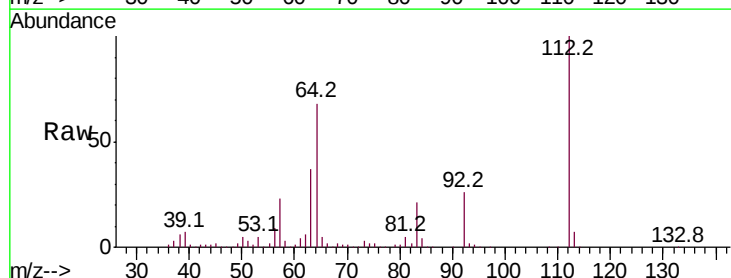
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



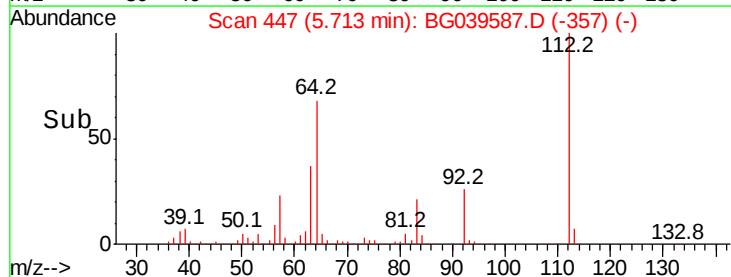
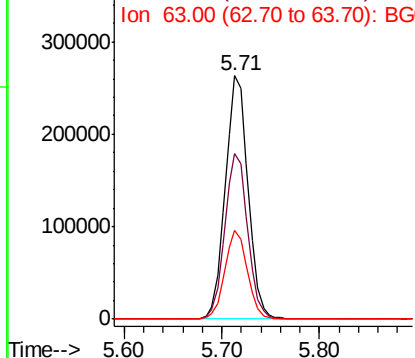
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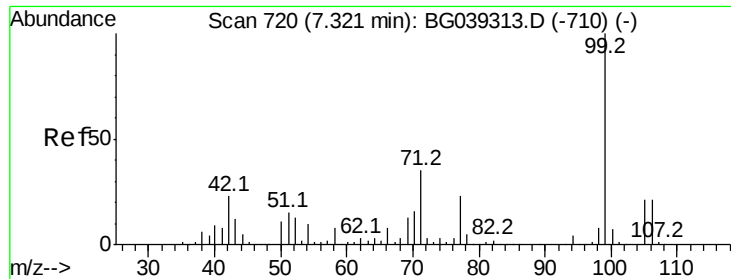
2-Fluorophenol
Concen: 133.297 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039587.D
Acq: 25 Feb 2019 15:17

Tgt Ion:112 Resp: 424252
Ion Ratio Lower Upper
112 100
64 67.9 57.8 86.8
63 36.6 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: 121.078 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039587.D

Acq: 25 Feb 2019 15:17

Instrument :

BNA_G

ClientSampleId :

COMP

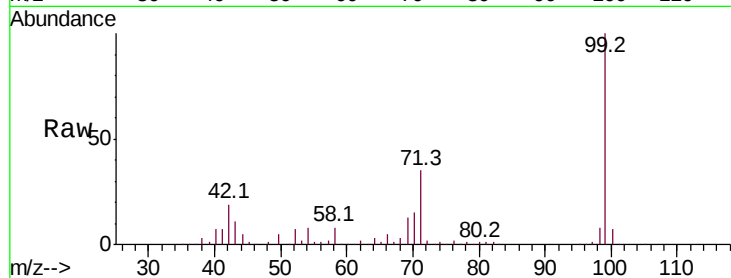
Tot Ion: 99 Resp: 567241

Ion Ratio Lower Upper

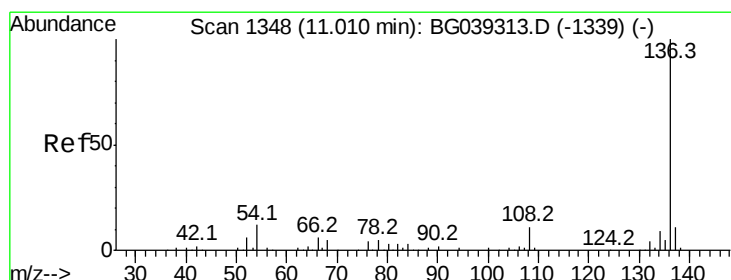
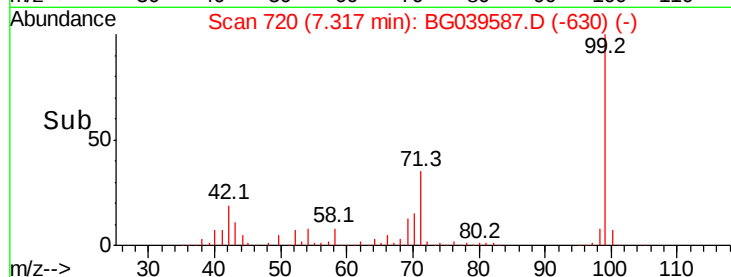
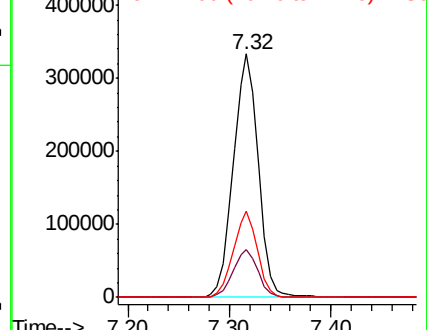
99 100

42 19.4 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: 10.99 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG039587.D

Acq: 25 Feb 2019 15:17

Tgt Ion: 136 Resp: 243721

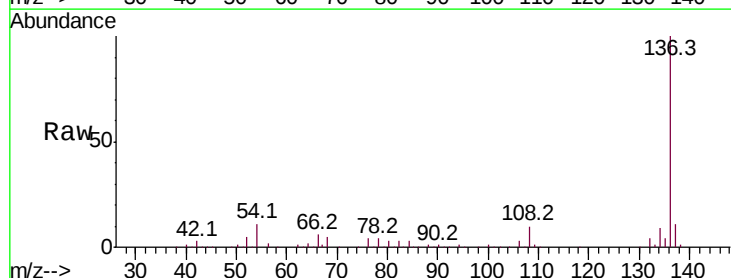
Ion Ratio Lower Upper

136 100

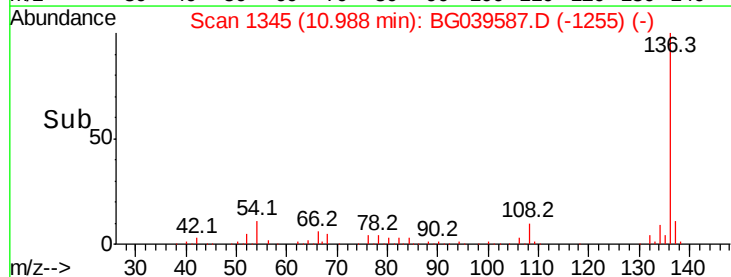
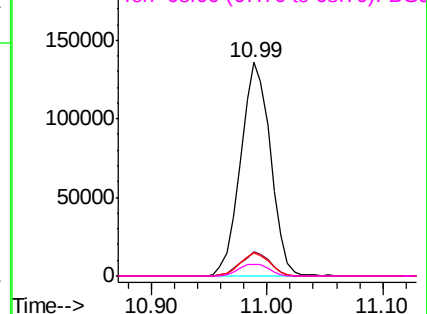
137 11.3 9.1 13.7

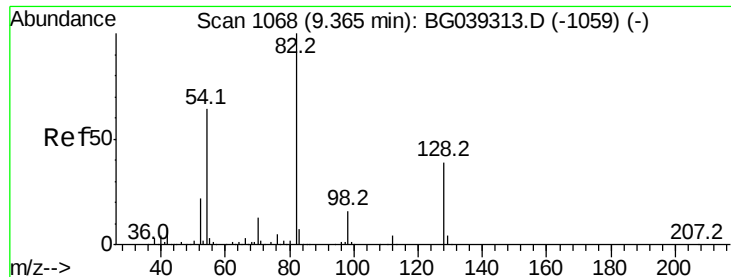
54 10.7 9.4 14.2

68 5.4 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

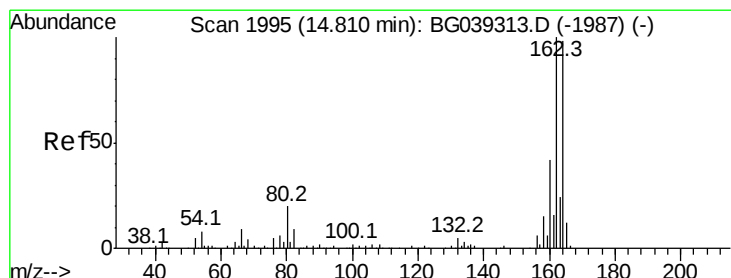
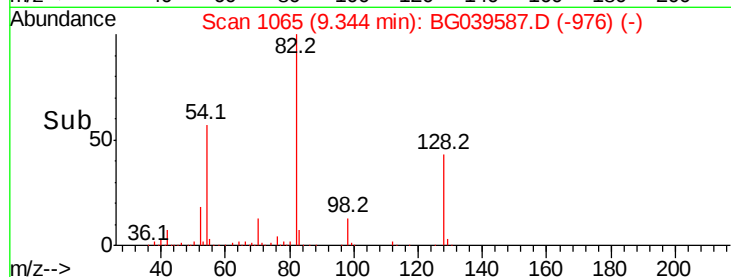
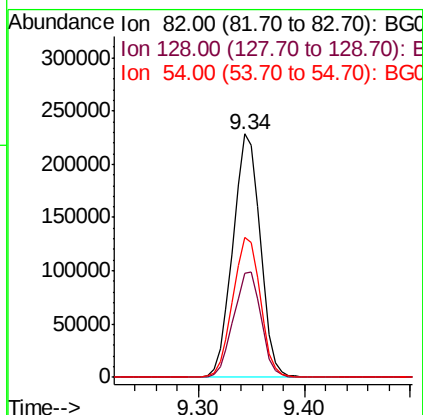
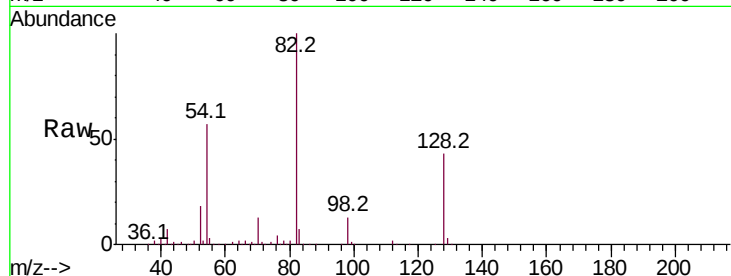




#23
 Nitrobenzene-d5
 Concen: 105.042 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BG039587.D
 Acq: 25 Feb 2019 15:17

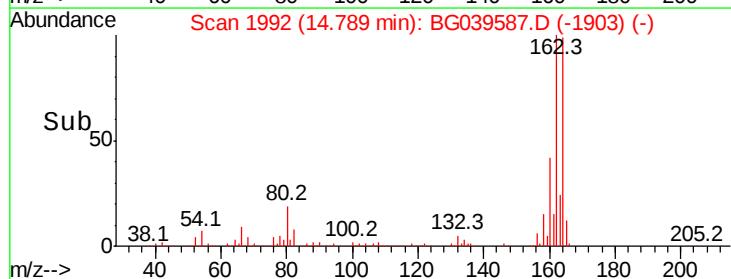
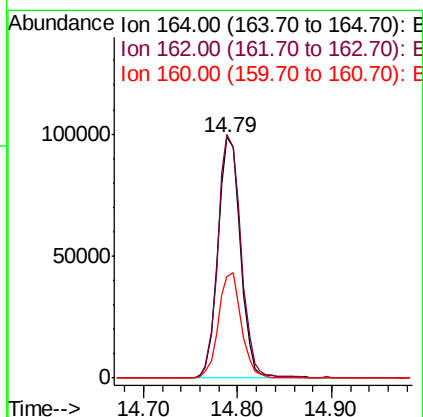
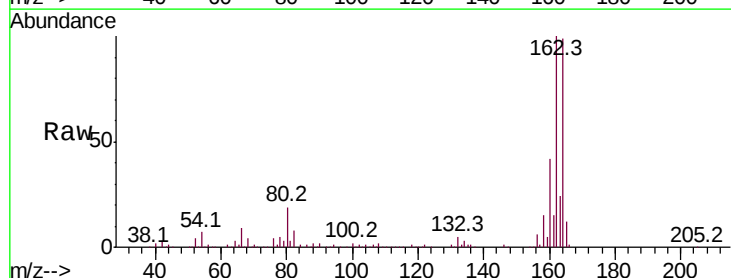
Instrument :
 BNA_G
 ClientSampleId :
 COMP

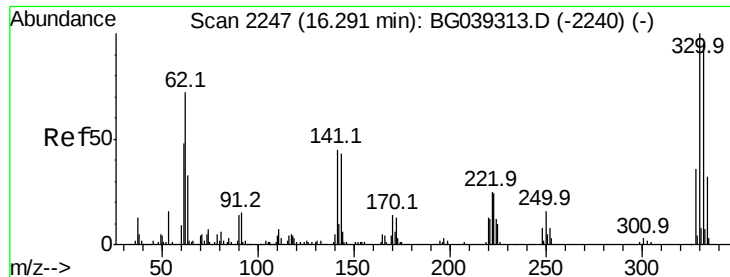
Tot Ion: 82 Resp: 409803
 Ion Ratio Lower Upper
 82 100
 128 42.7 31.3 46.9
 54 57.4 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BG039587.D
 Acq: 25 Feb 2019 15:17

Tgt Ion:164 Resp: 165438
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.6 122.4
 160 42.3 34.2 51.2

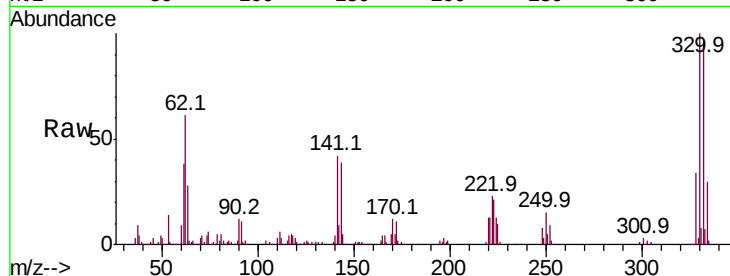




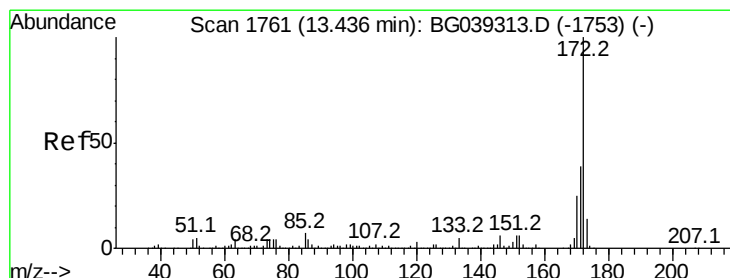
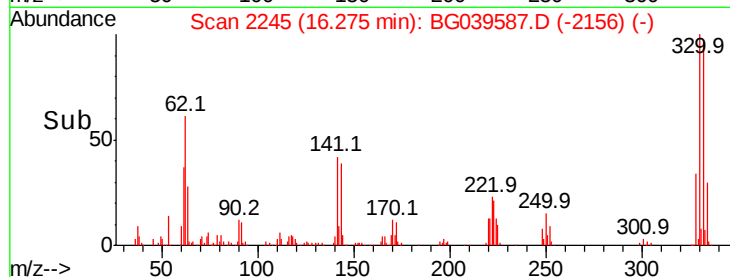
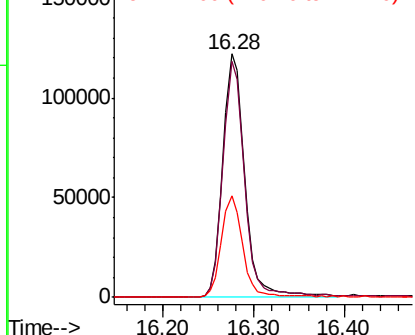
#42
 2,4,6-Tribromophenol
 Concen: 116.204 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039587.D
 Acq: 25 Feb 2019 15:17

Instrument :
 BNA_G
 ClientSampleId :
 COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.7	113.5
141	40.5	35.6	53.4

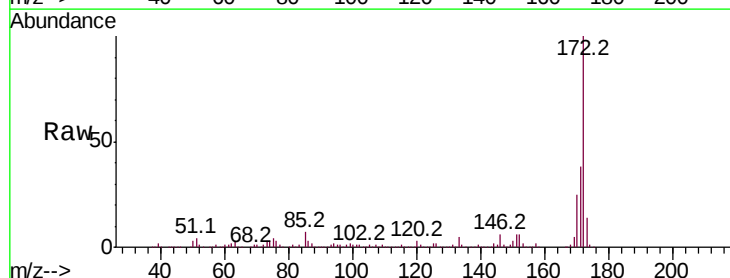


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

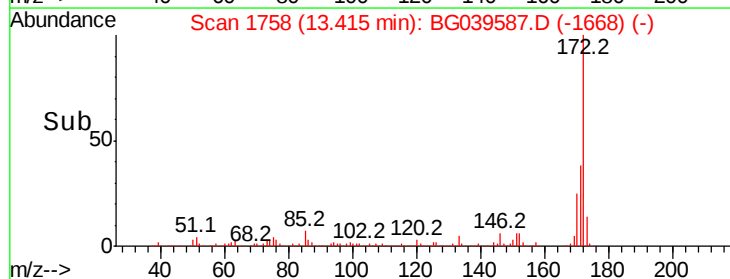
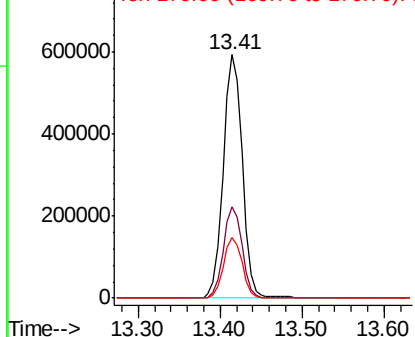


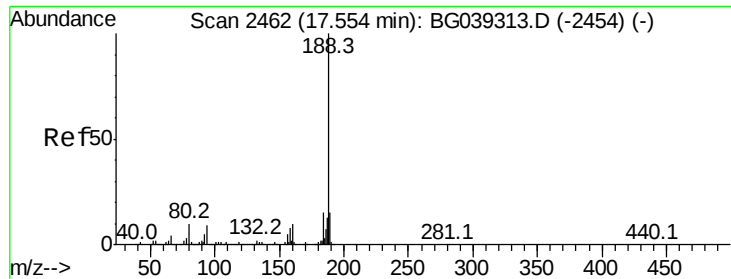
#45
 2-Fluorobiphenyl
 Concen: 83.244 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG039587.D
 Acq: 25 Feb 2019 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	24.9	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. -0.01 min

Lab File: BG039587.D

Acq: 25 Feb 2019 15:17

Instrument :

BNA_G

ClientSampleId :

COMP

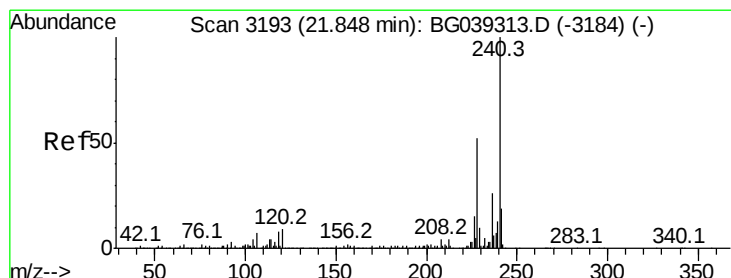
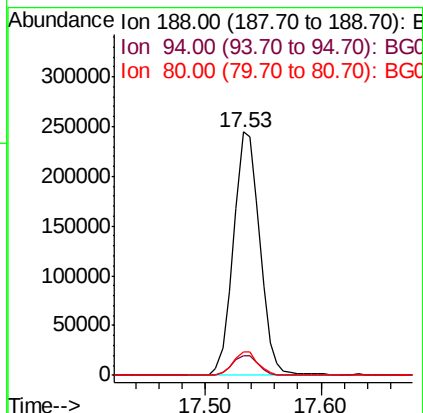
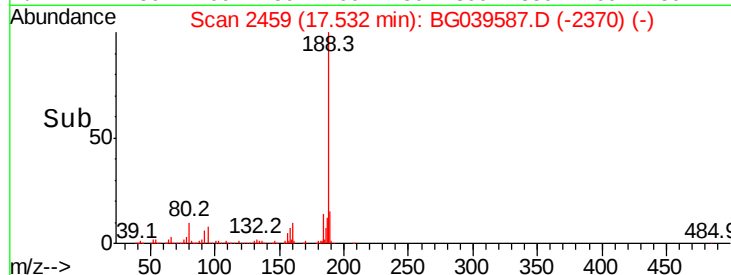
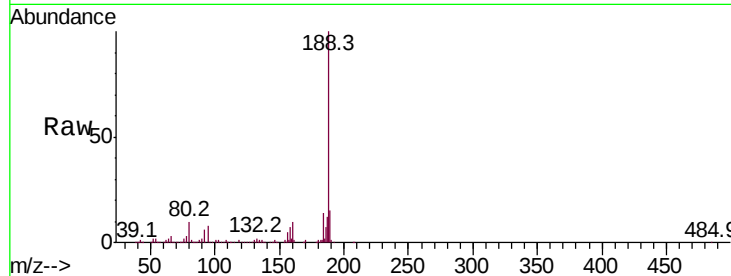
Tot Ion:188 Resp: 386711

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

80 9.7 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG039587.D

Acq: 25 Feb 2019 15:17

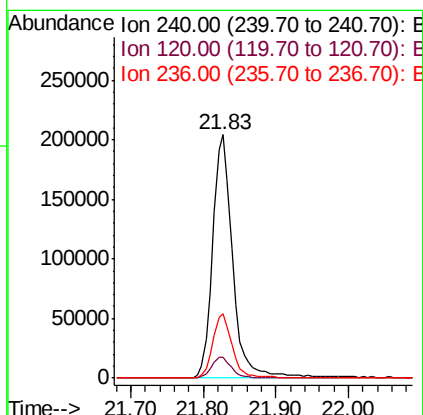
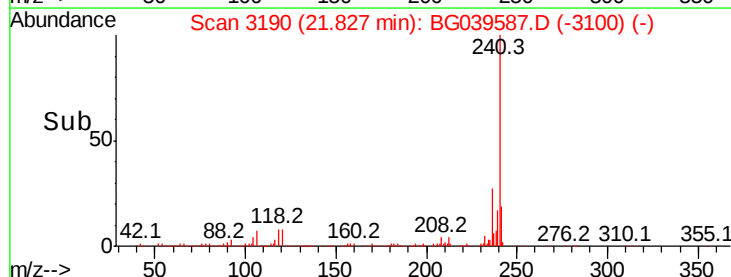
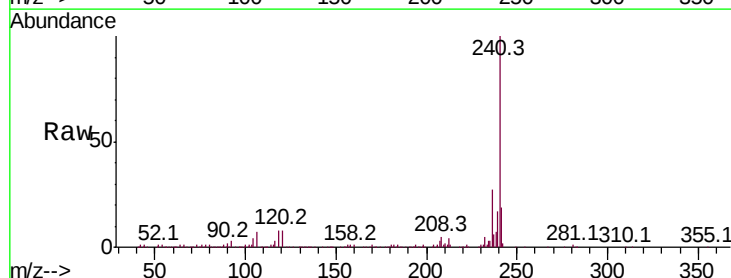
Tgt Ion:240 Resp: 393095

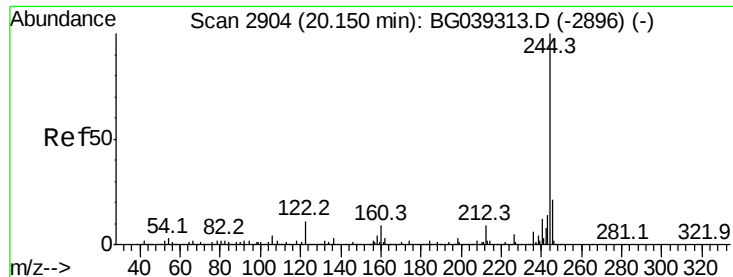
Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

236 26.5 21.0 31.4



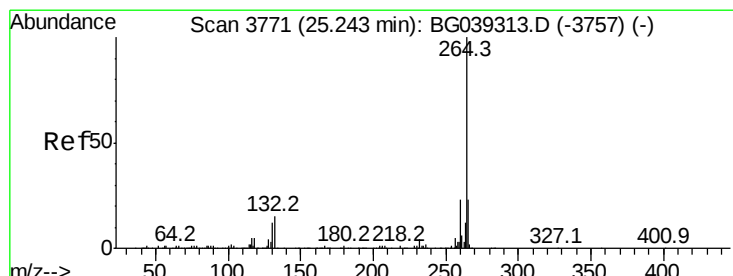
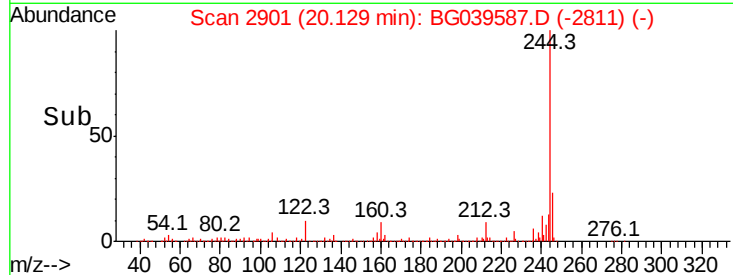
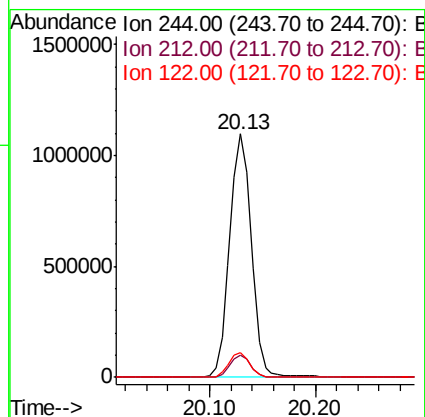
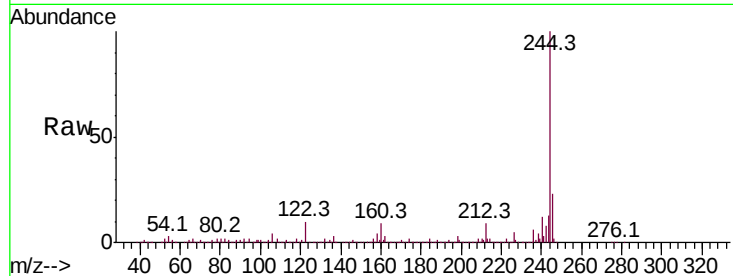


#79
 Terphenyl-d14
 Concen: 83.845 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.00 min
 Lab File: BG039587.D
 Acq: 25 Feb 2019 15:17

Instrument :
 BNA_G
 ClientSampled :
 COMP

Tot Ion:244 Resp: 1557104

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	10.4	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. 0.01 min
 Lab File: BG039587.D
 Acq: 25 Feb 2019 15:17

Tgt Ion:264 Resp: 329261

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.2	27.4
265	20.6	18.5	27.7

