

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039393.D
 Acq On : 7 Feb 2019 22:15
 Operator : JU/SJ
 Sample : K1392-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Quant Time: Feb 09 00:18:22 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	54120	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	228449	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	150169	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	368620	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	402005	20.00	ng	-0.02
87) Perylene-d12	25.21	264	406234	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	232525	73.53	ng	0.00
7) Phenol-d6	7.31	99	200387	43.05	ng	-0.01
23) Nitrobenzene-d5	9.35	82	453808	124.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	293459	181.48	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1099963	105.08	ng	-0.01
79) Terphenyl-d14	20.14	244	1778184	93.63	ng	-0.01

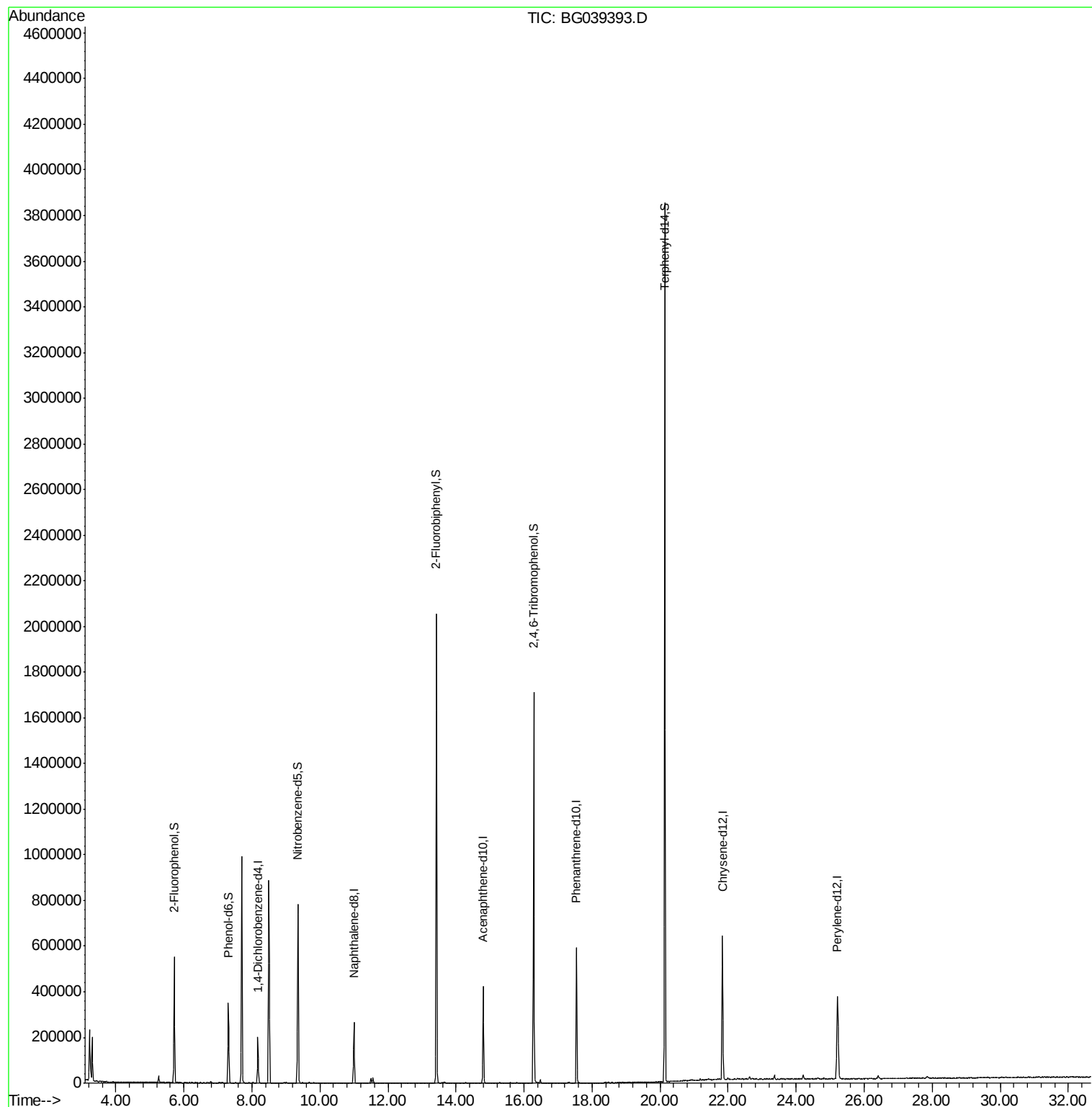
Target Compounds Qvalue

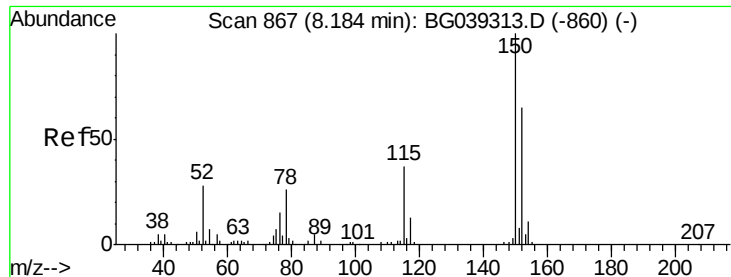
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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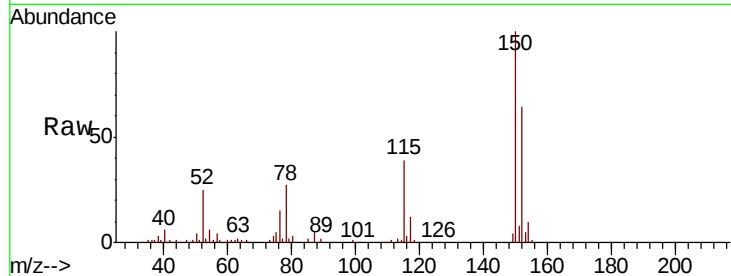


#1

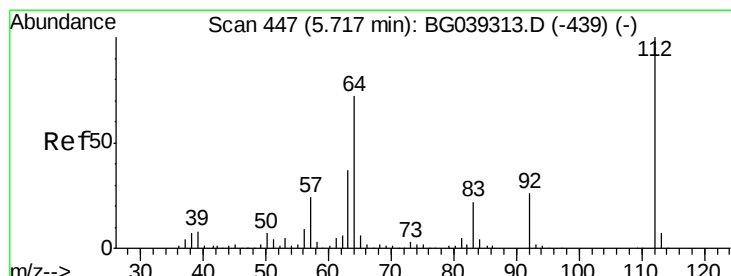
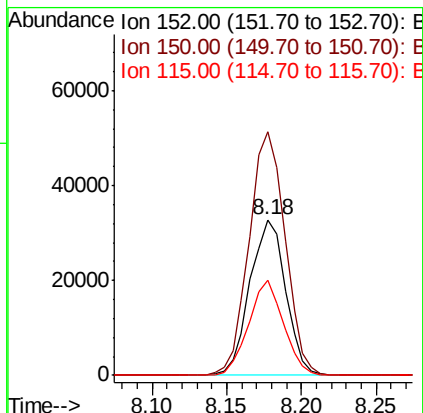
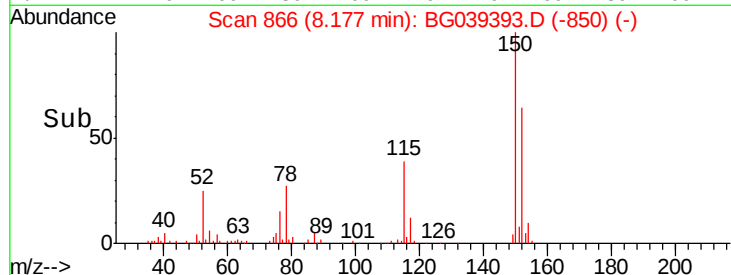
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039393.D
Acq: 7 Feb 2019 22:15

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tot Ion:152 Resp: 54120
Ion Ratio Lower Upper
152 100
150 156.3 123.7 185.5
115 61.1 45.9 68.9



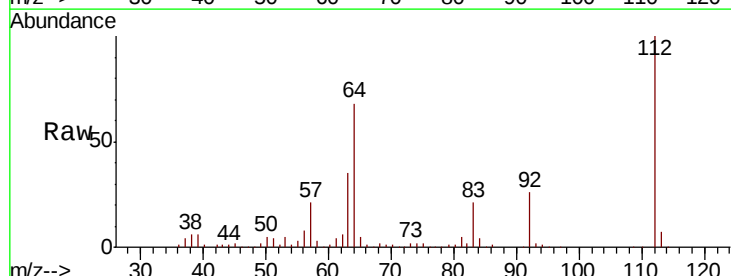
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



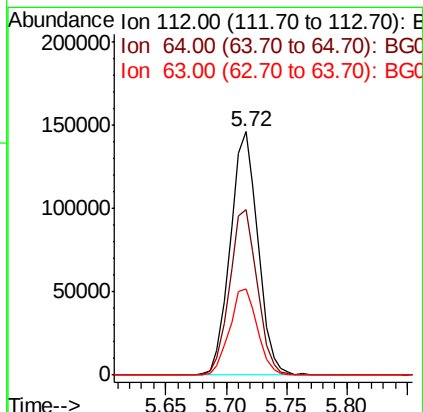
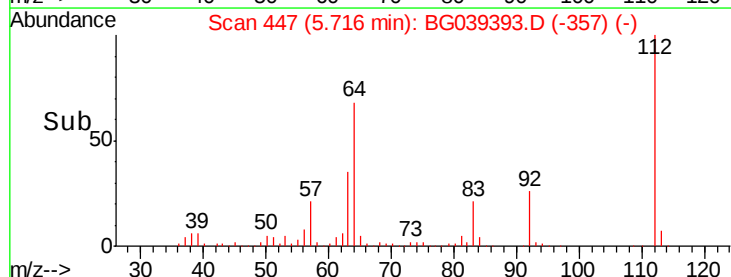
#5

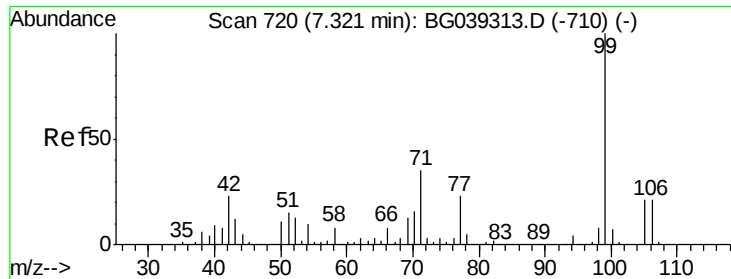
2-Fluorophenol
Concen: 73.534 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039393.D
Acq: 7 Feb 2019 22:15

Tgt Ion:112 Resp: 232525
Ion Ratio Lower Upper
112 100
64 67.9 57.8 86.8
63 35.4 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: 43.052 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039393.D

Acq: 7 Feb 2019 22:15

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

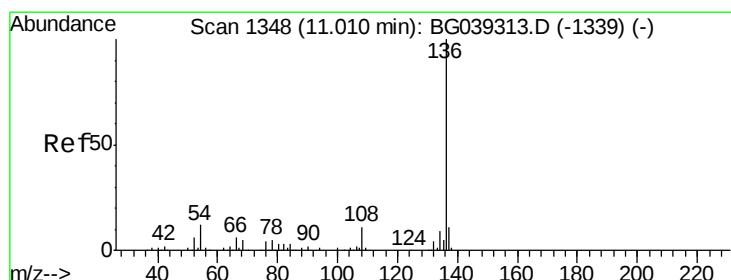
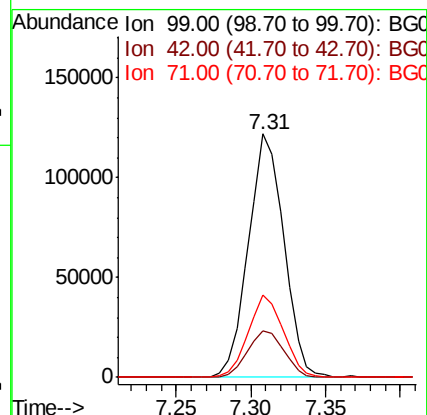
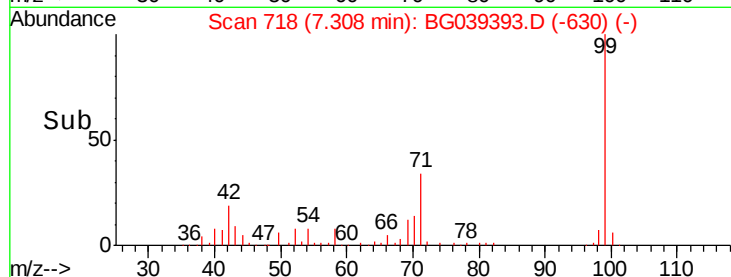
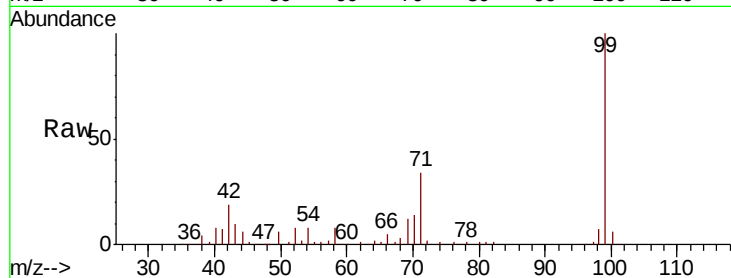
Tot Ion: 99 Resp: 200387

Ion Ratio Lower Upper

99 100

42 19.0 18.2 27.2

71 33.8 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039393.D

Acq: 7 Feb 2019 22:15

Tgt Ion: 136 Resp: 228449

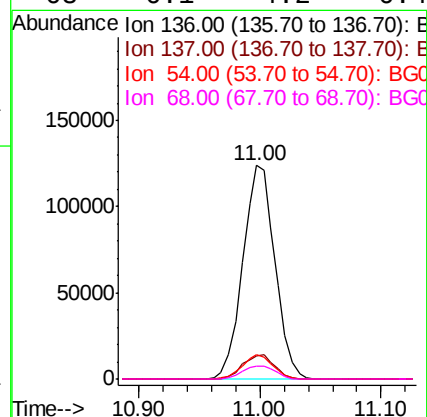
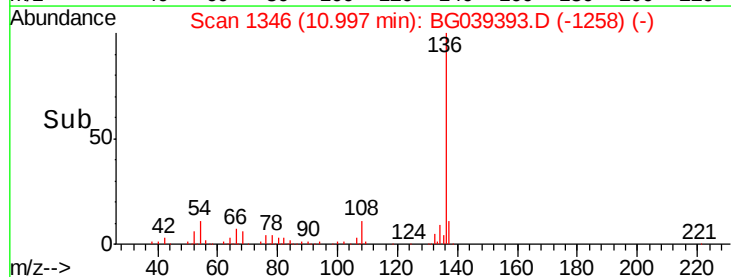
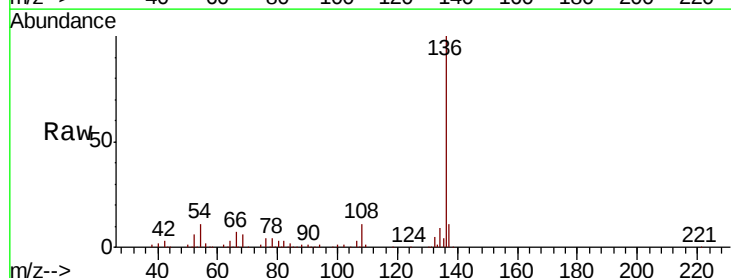
Ion Ratio Lower Upper

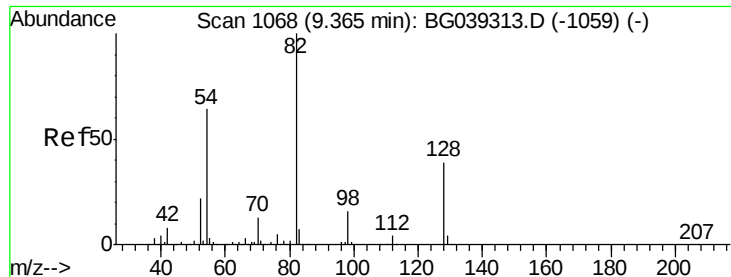
136 100

137 10.8 9.1 13.7

54 11.4 9.4 14.2

68 6.1 4.2 6.4

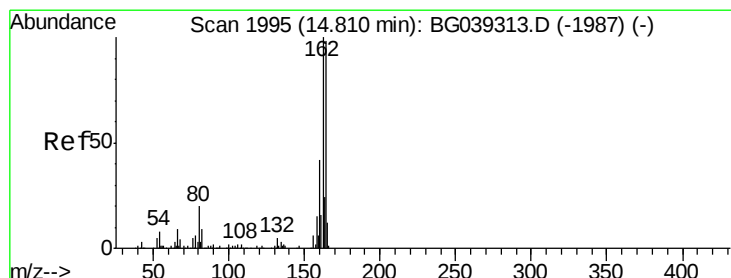
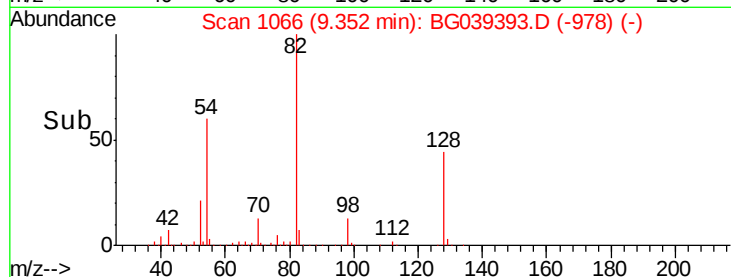
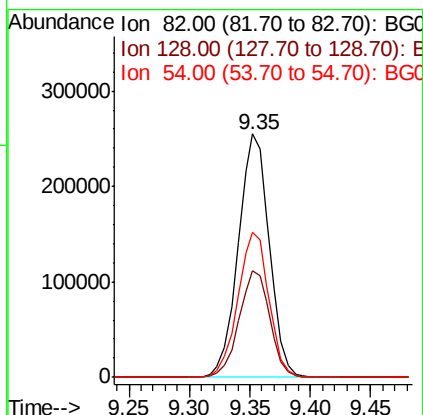
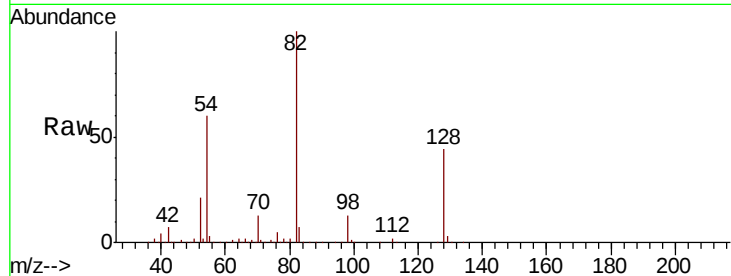




#23
 Nitrobenzene-d5
 Concen: 124.098 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039393.D
 Acq: 7 Feb 2019 22:15

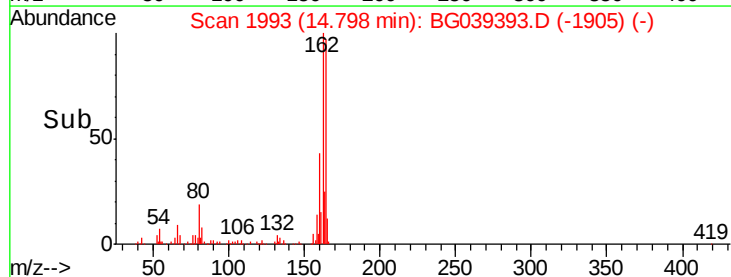
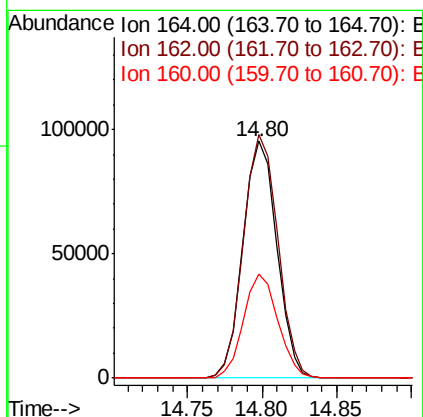
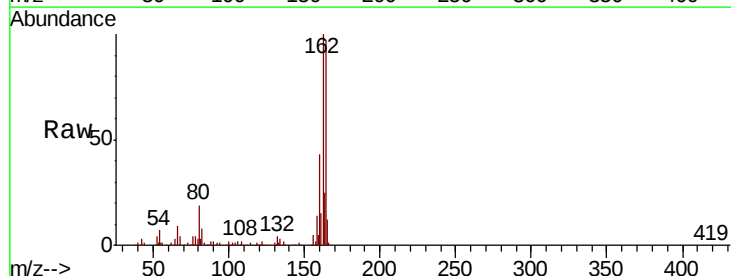
Instrument :
 BNA_G
 ClientSampleId :
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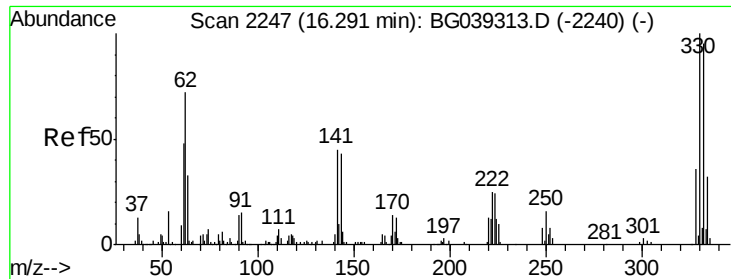
Tot Ion	82	Resp	453808
Ion Ratio	Lower	Upper	
82	100		
128	43.7	31.3	46.9
54	59.7	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039393.D
 Acq: 7 Feb 2019 22:15

Tgt Ion	164	Resp	150169
Ion Ratio	Lower	Upper	
164	100		
162	102.7	81.6	122.4
160	43.8	34.2	51.2

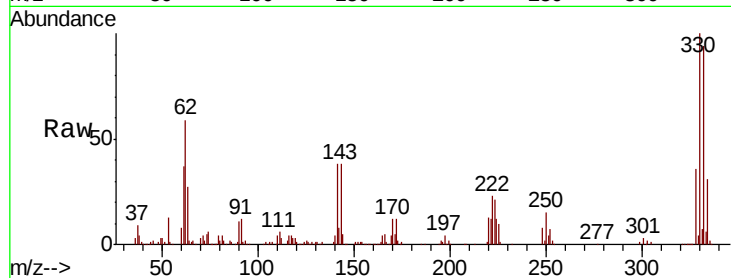




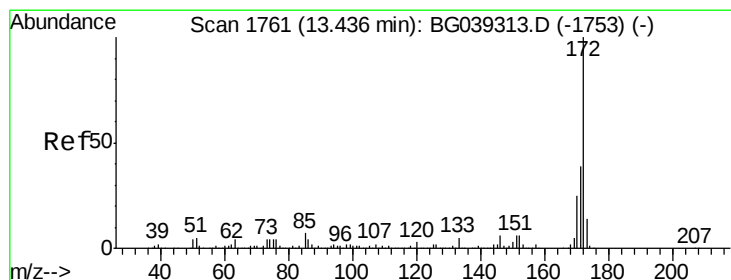
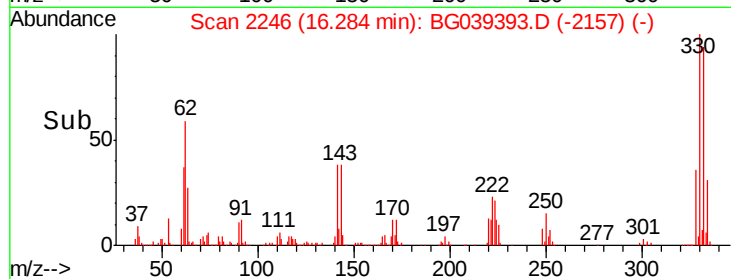
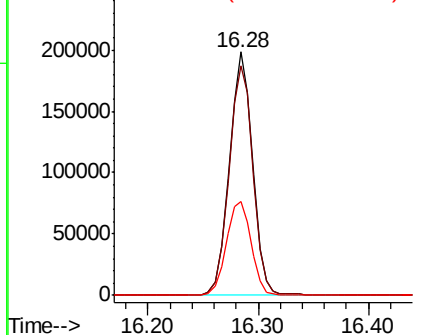
#42
 2,4,6-Tribromophenol
 Concen: 181.477 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039393.D
 Acq: 7 Feb 2019 22:15

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion:330 Resp: 293459
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.7 113.5
 141 41.1 35.6 53.4

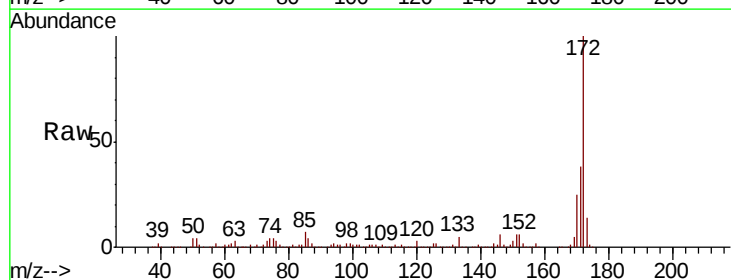


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

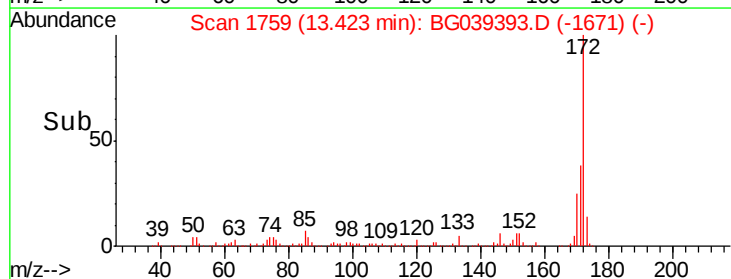
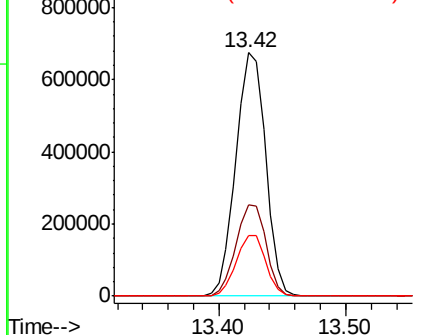


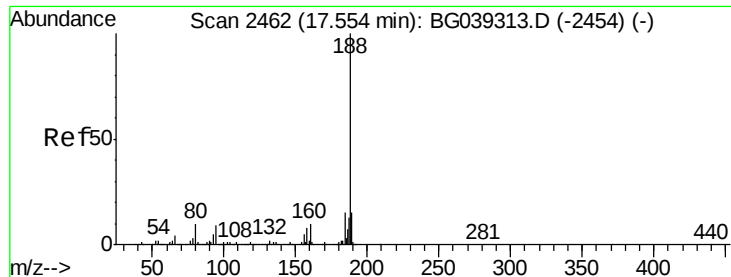
#45
 2-Fluorobiphenyl
 Concen: 105.078 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039393.D
 Acq: 7 Feb 2019 22:15

Tgt Ion:172 Resp: 1099963
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 25.0 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: BG039393.D

Acq: 7 Feb 2019 22:15

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

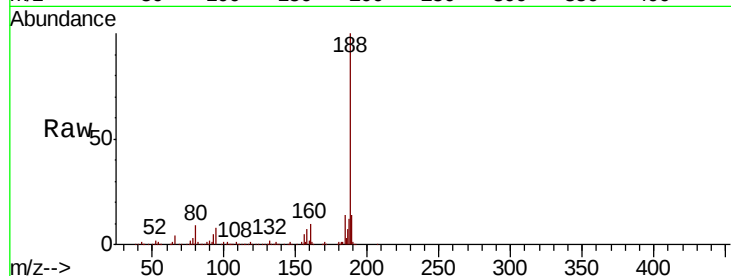
Tot Ion:188 Resp: 368620

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

80 9.5 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

300000

200000

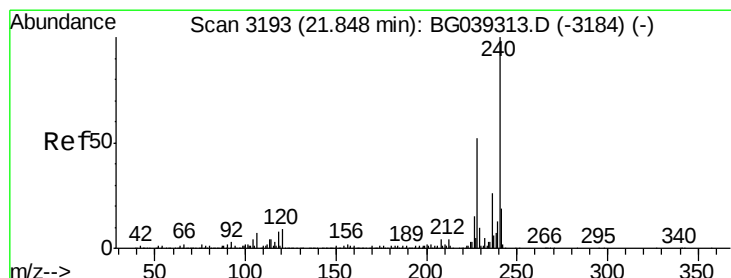
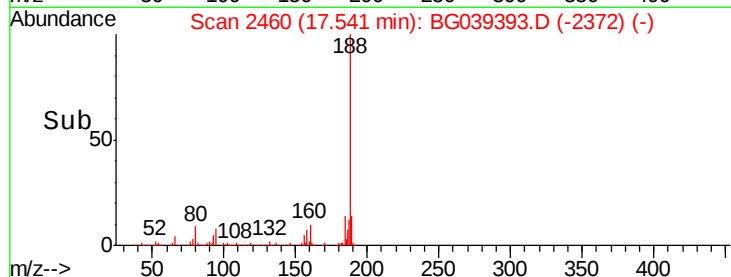
100000

0

17.54

17.50 17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039393.D

Acq: 7 Feb 2019 22:15

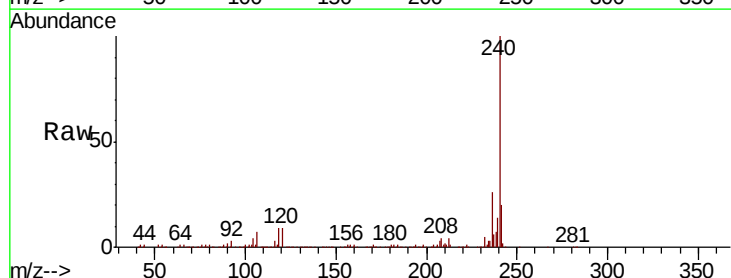
Tgt Ion:240 Resp: 402005

Ion Ratio Lower Upper

240 100

120 8.8 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

300000

250000

200000

150000

100000

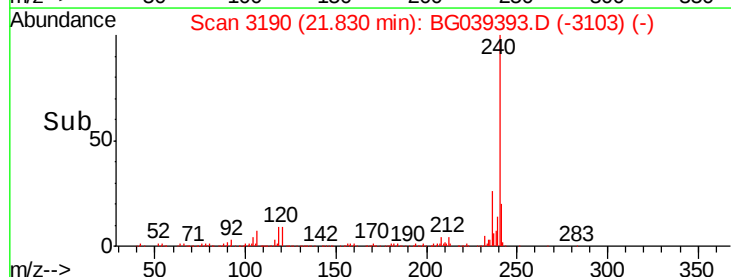
50000

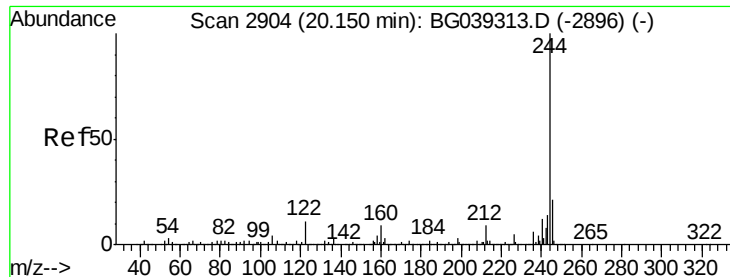
0

21.83

21.70 21.80 21.90 22.00

Time-->





#79

Terphenyl-d14

Concen: 93.627 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039393.D

Acq: 7 Feb 2019 22:15

Instrument :

BNA_G

ClientSampleId :

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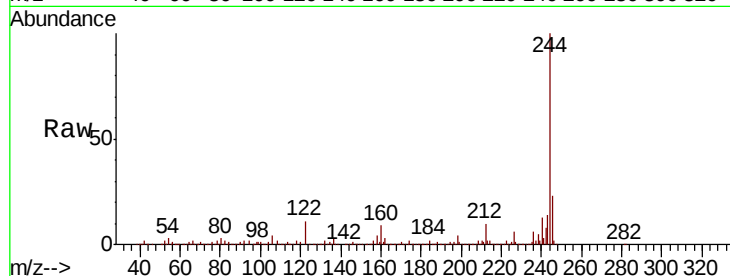
Tot Ion:244 Resp: 1778184

Ion Ratio Lower Upper

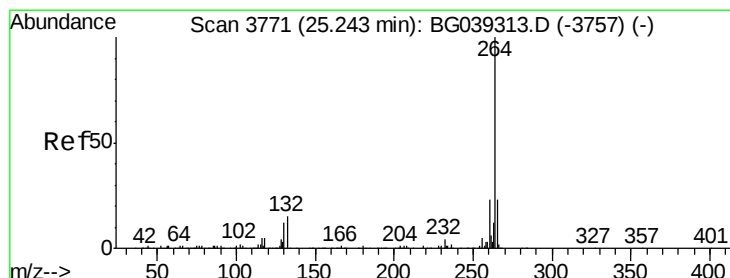
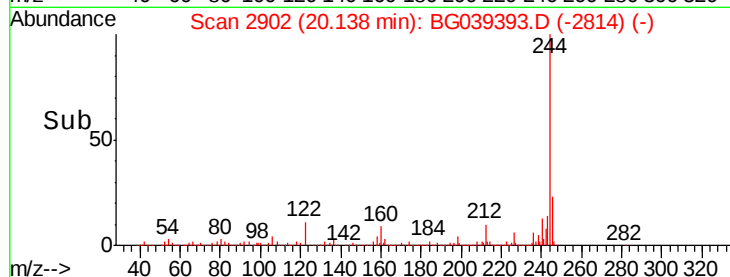
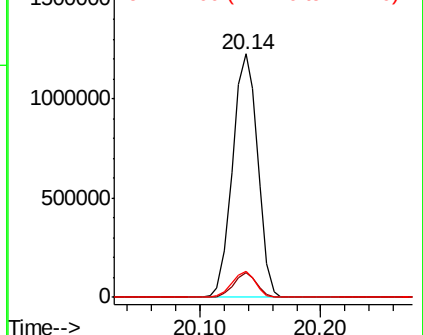
244 100

212 10.1 7.3 10.9

122 10.6 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: BG039393.D

Acq: 7 Feb 2019 22:15

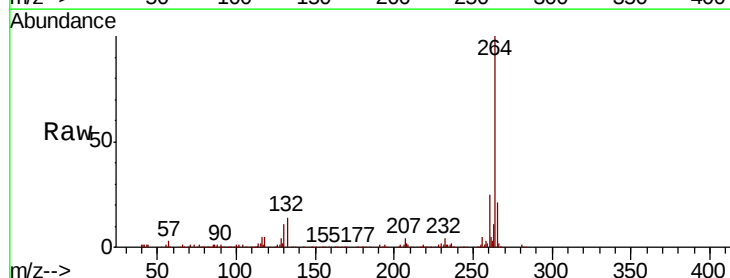
Tgt Ion:264 Resp: 406234

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.4

265 21.4 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

