

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040391.D
 Acq On : 6 Apr 2019 00:25
 Operator : JU/SJ
 Sample : K2242-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Apr 06 02:14:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62811	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	247448	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	145791	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	363614	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	415211	20.00	ng	-0.04
87) Perylene-d12	24.97	264	413384	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	232242	61.47	ng	-0.02
7) Phenol-d6	7.20	99	193144	36.99	ng	-0.02
23) Nitrobenzene-d5	9.22	82	423987	91.08	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	238332	151.26	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	916490	93.15	ng	-0.02
79) Terphenyl-d14	20.02	244	1520253	82.37	ng	-0.03

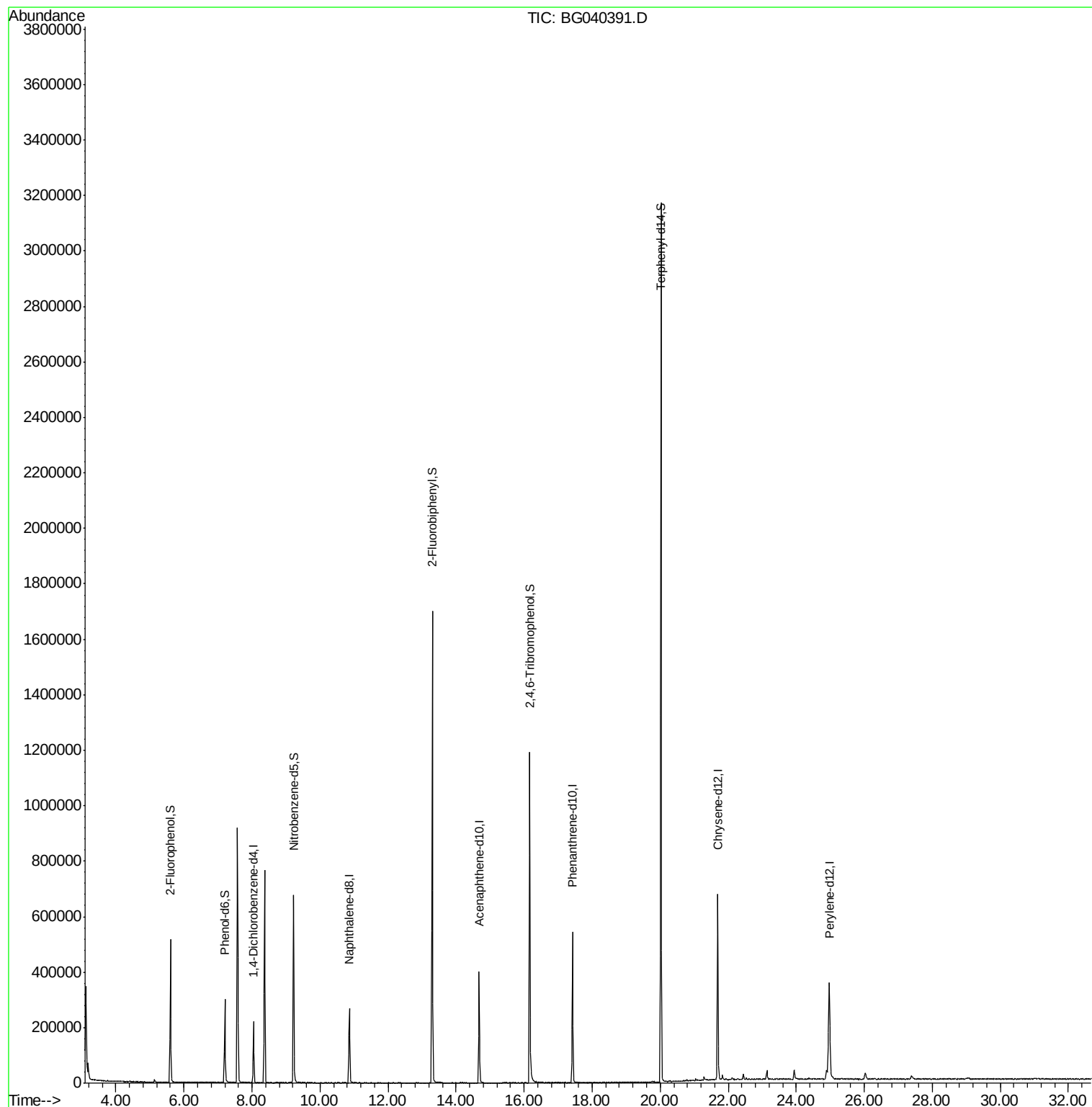
Target Compounds Qvalue

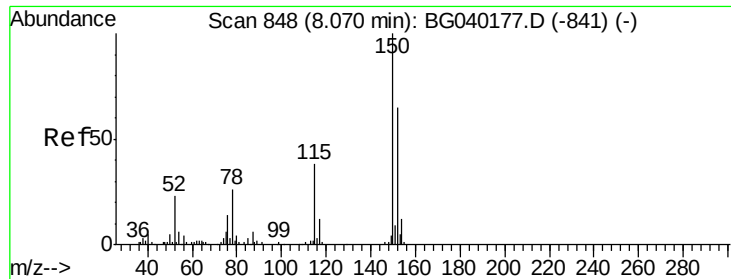
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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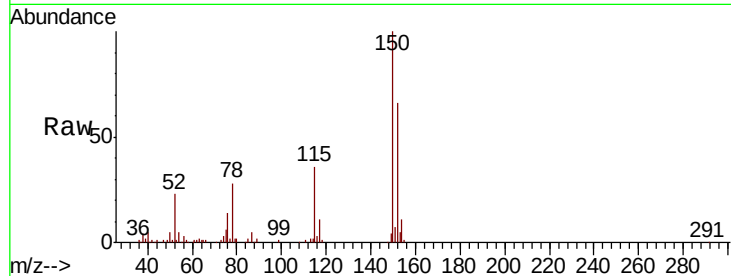


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040391.D
Acq: 6 Apr 2019 00:25

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tot Ion	152	Resp	62811
Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.7	185.5
115	55.3	46.9	70.3

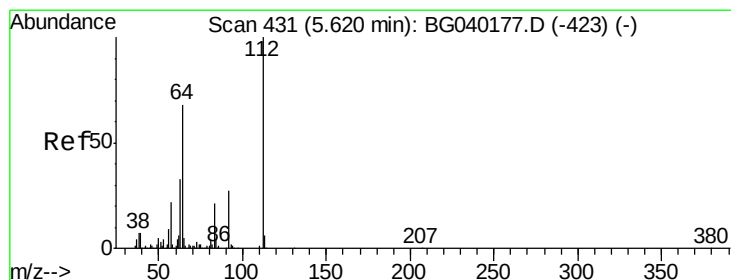
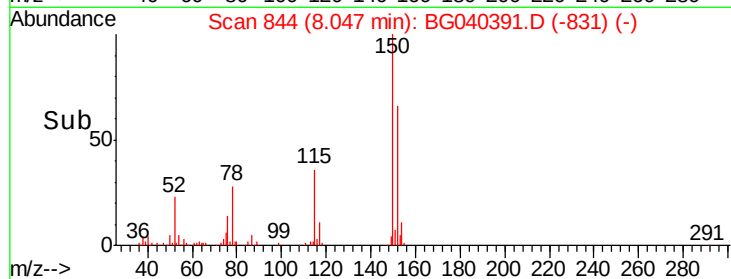
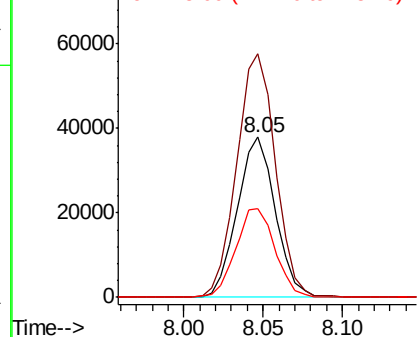


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

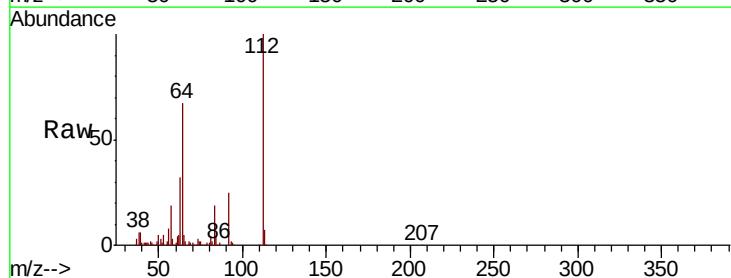
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.467 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040391.D
Acq: 6 Apr 2019 00:25

Tgt Ion	112	Resp	232242
Ion	Ratio	Lower	Upper
112	100		
64	66.7	54.2	81.2
63	31.8	26.4	39.6

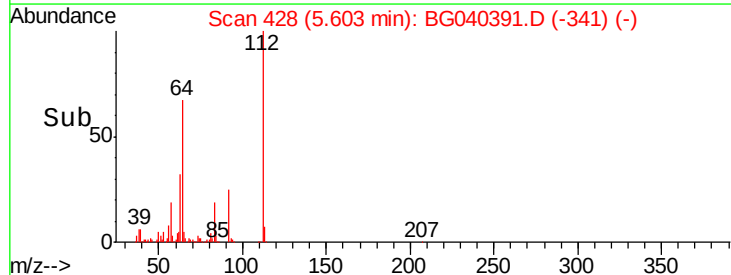
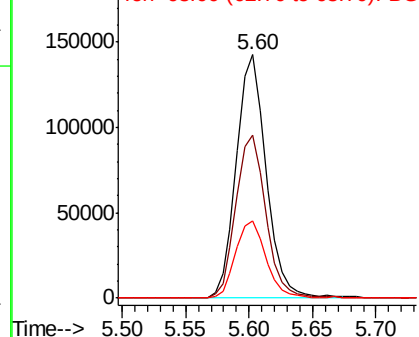


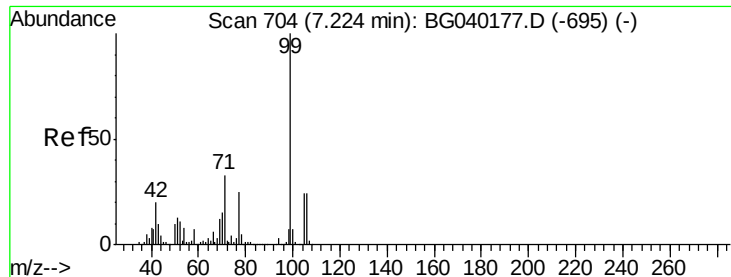
Abundance

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: 36.989 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040391.D

Acq: 6 Apr 2019 00:25

Instrument :

BNA_G

ClientSampled :

FIELD-BLANK

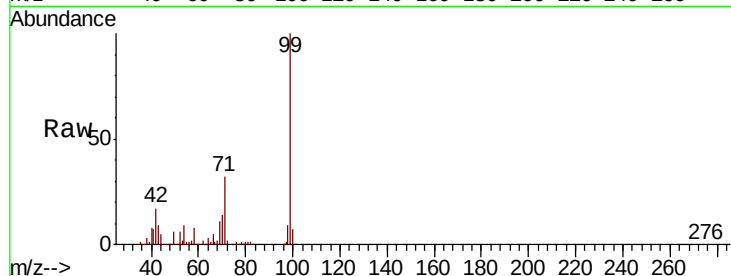
Tot Ion: 99 Resp: 193144

Ion Ratio Lower Upper

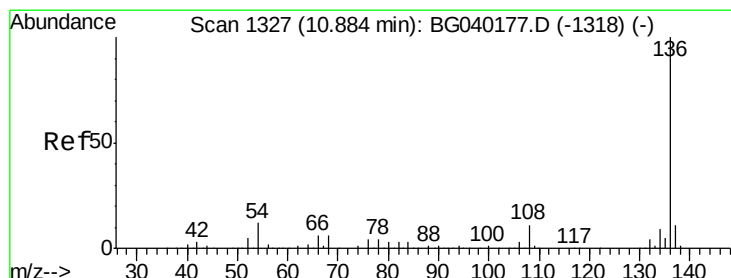
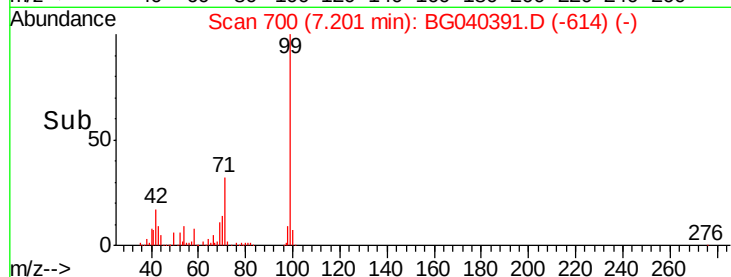
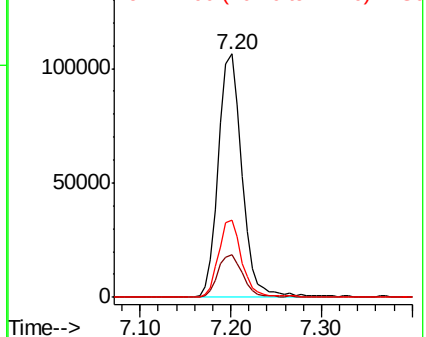
99 100

42 17.4 16.2 24.2

71 32.0 26.8 40.2



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040391.D

Acq: 6 Apr 2019 00:25

Tgt Ion: 136 Resp: 247448

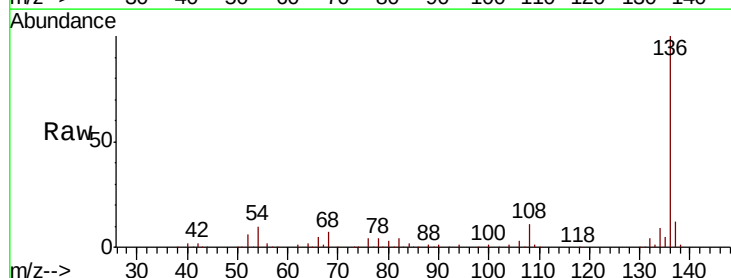
Ion Ratio Lower Upper

136 100

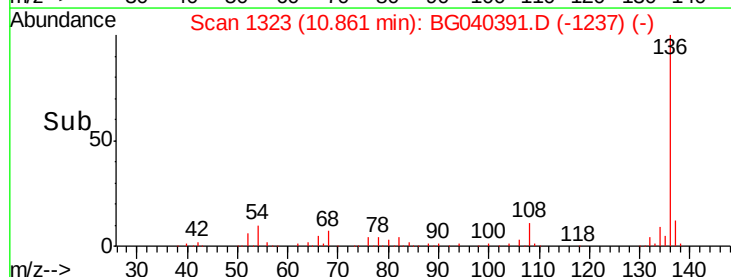
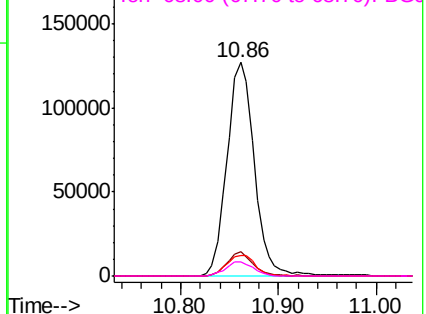
137 11.6 8.9 13.3

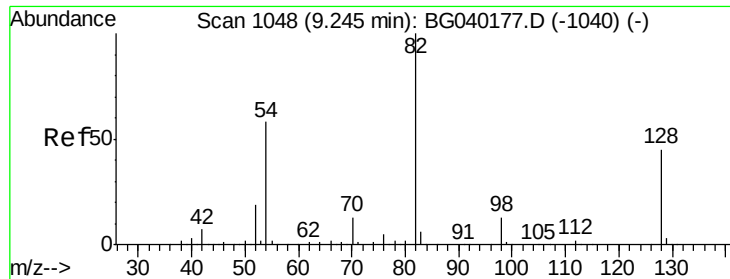
54 9.9 9.6 14.4

68 6.9 5.1 7.7



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

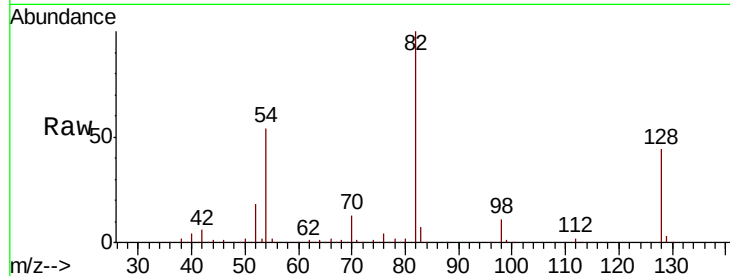




#23
 Nitrobenzene-d5
 Concen: 91.075 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040391.D
 Acq: 6 Apr 2019 00:25

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion	82	Resp	423987
Ion Ratio	Lower	Upper	
82	100		
128	43.7	35.8	53.8
54	53.5	46.2	69.2

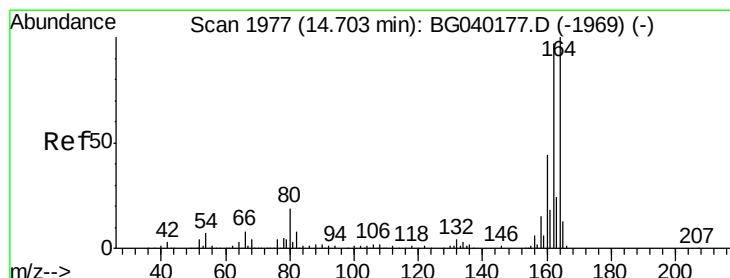
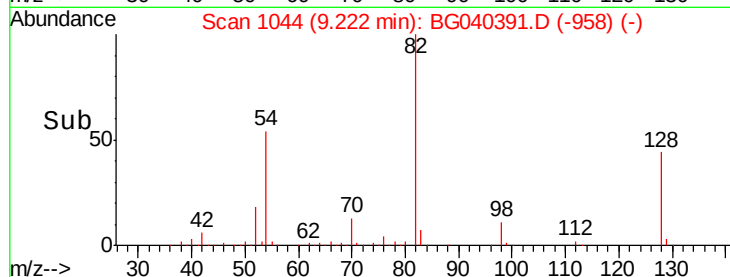
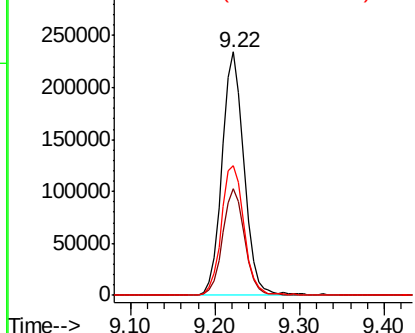


Abundance

Ion 82.00 (81.70 to 82.70): BGC

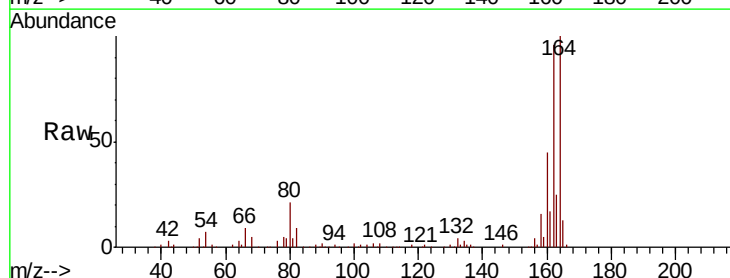
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040391.D
 Acq: 6 Apr 2019 00:25

Tgt Ion	164	Resp	145791
Ion Ratio	Lower	Upper	
164	100		
162	95.6	77.4	116.2
160	45.5	35.3	52.9

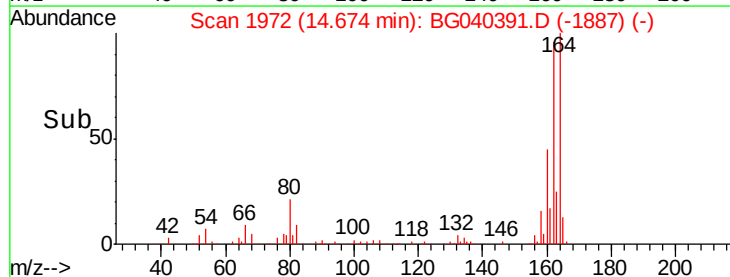
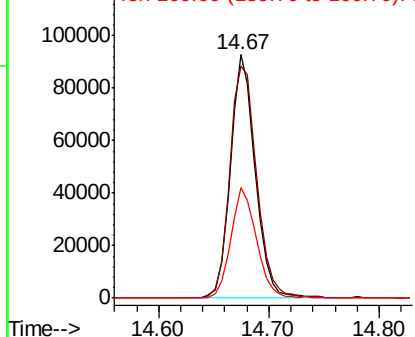


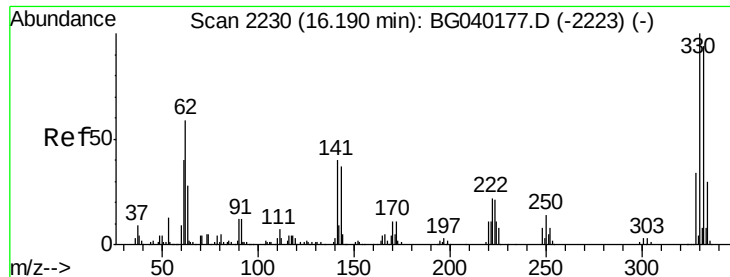
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 151.262 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040391.D

Acq: 6 Apr 2019 00:25

Instrument :

BNA_G

ClientSampleId :

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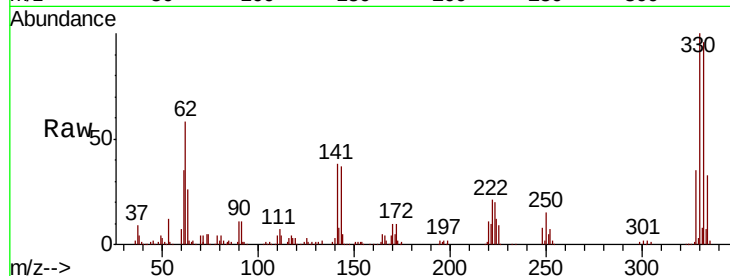
Tot Ion:330 Resp: 238332

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

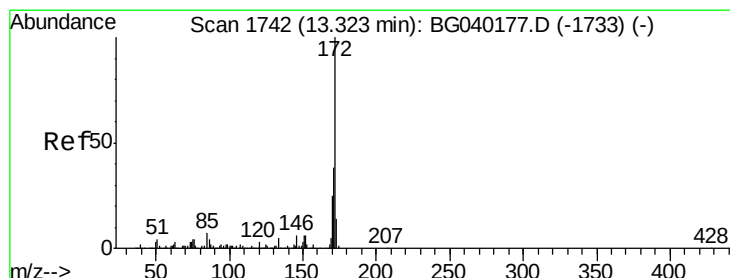
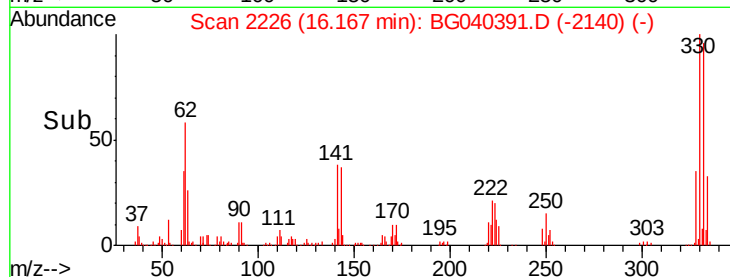
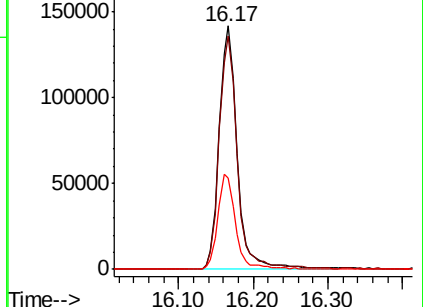
141 38.5 32.6 48.8



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: 93.148 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040391.D

Acq: 6 Apr 2019 00:25

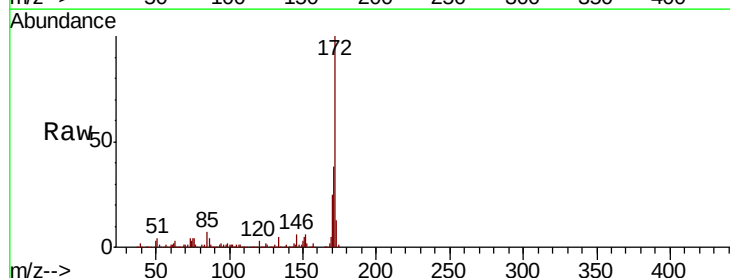
Tgt Ion:172 Resp: 916490

Ion Ratio Lower Upper

172 100

171 37.7 30.5 45.7

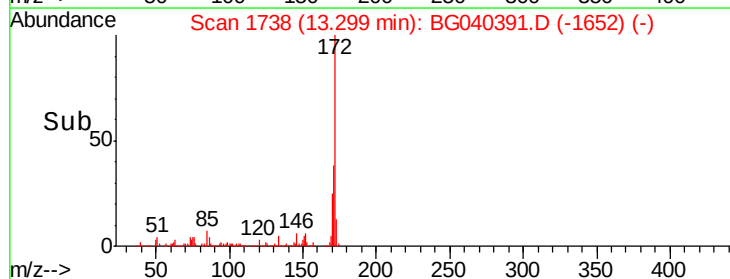
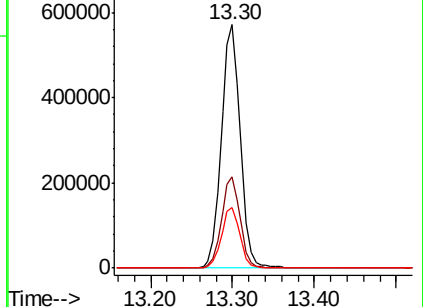
170 24.9 20.1 30.1

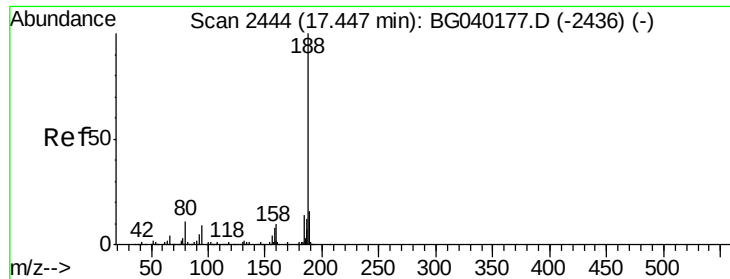


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040391.D

Acq: 6 Apr 2019 00:25

Instrument :

BNA_G

ClientSampleId :

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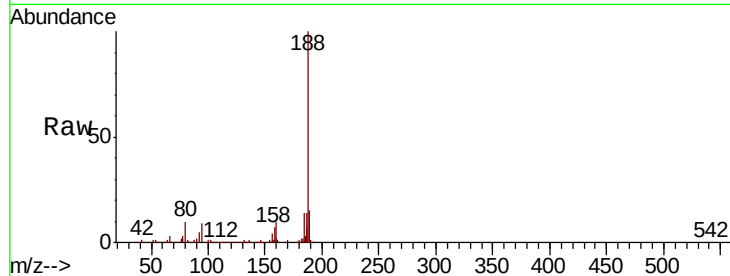
Tot Ion:188 Resp: 363614

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

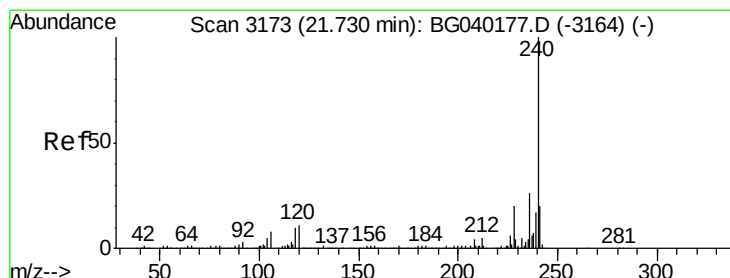
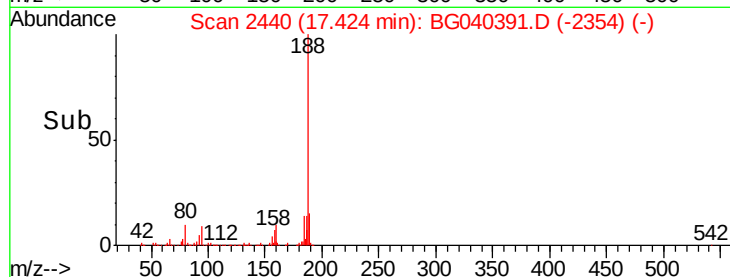
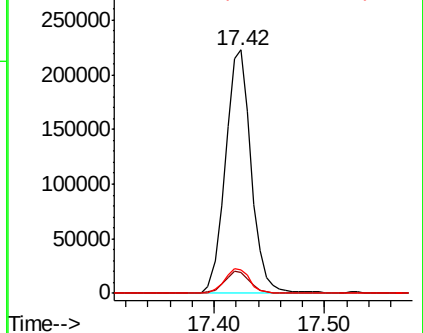
80 9.6 8.6 13.0



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: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040391.D

Acq: 6 Apr 2019 00:25

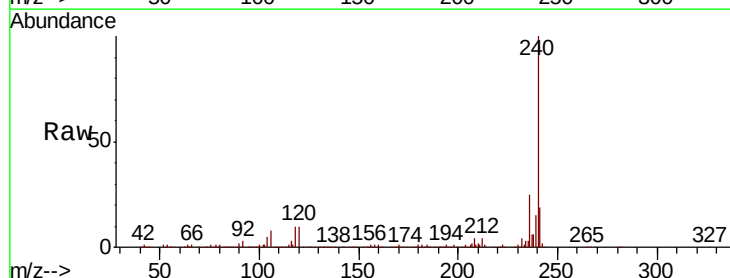
Tgt Ion:240 Resp: 415211

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

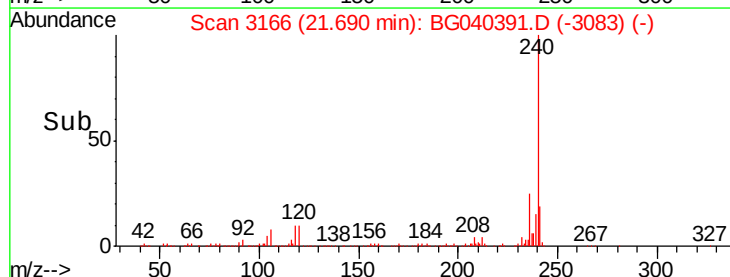
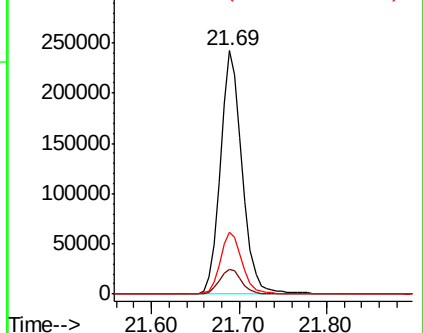
236 25.2 20.8 31.2

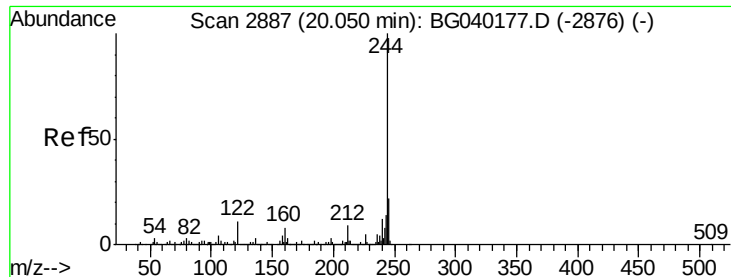


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.369 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040391.D

Acq: 6 Apr 2019 00:25

Instrument :

BNA_G

ClientSampleId :

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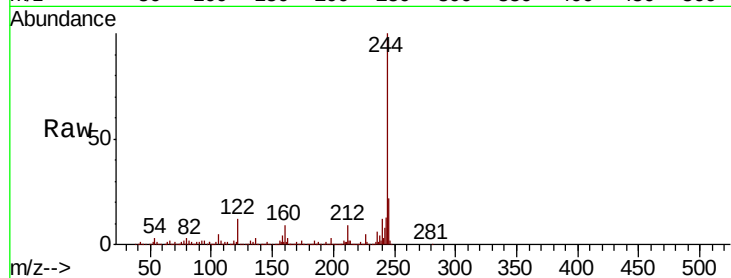
Tot Ion:244 Resp: 1520253

Ion Ratio Lower Upper

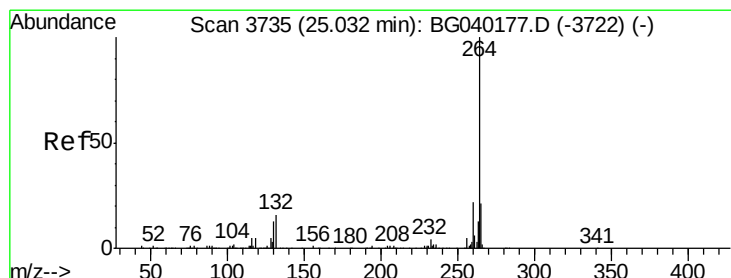
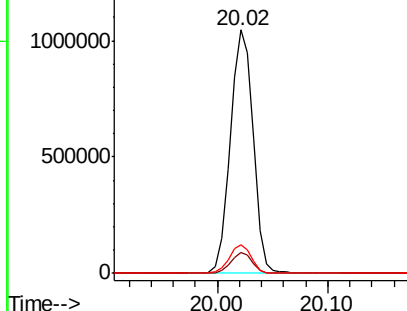
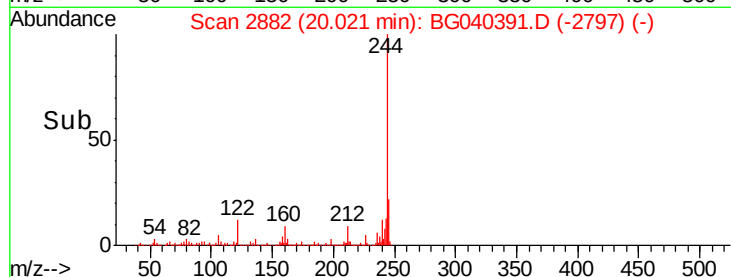
244 100

212 8.8 7.0 10.6

122 11.9 8.5 12.7



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: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040391.D

Acq: 6 Apr 2019 00:25

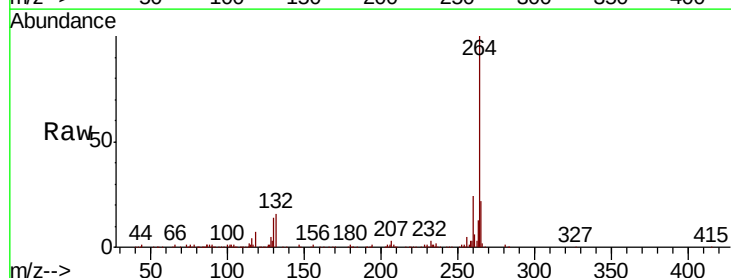
Tgt Ion:264 Resp: 413384

Ion Ratio Lower Upper

264 100

260 24.3 17.9 26.9

265 22.3 16.8 25.2



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

