

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040812.D
 Acq On : 9 May 2019 8:20
 Operator : HP/JU
 Sample : K2641-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-B

Quant Time: May 09 11:29:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38897	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	151943	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	114823	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	326663	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	298284	20.00	ng	-0.03
87) Perylene-d12	25.16	264	204224	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	380950	172.64	ng	-0.01
7) Phenol-d6	7.28	99	500236	147.24	ng	-0.01
23) Nitrobenzene-d5	9.32	82	425432	129.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	255799	162.08	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	916884	115.32	ng	-0.02
79) Terphenyl-d14	20.11	244	1850558	137.45	ng	-0.02

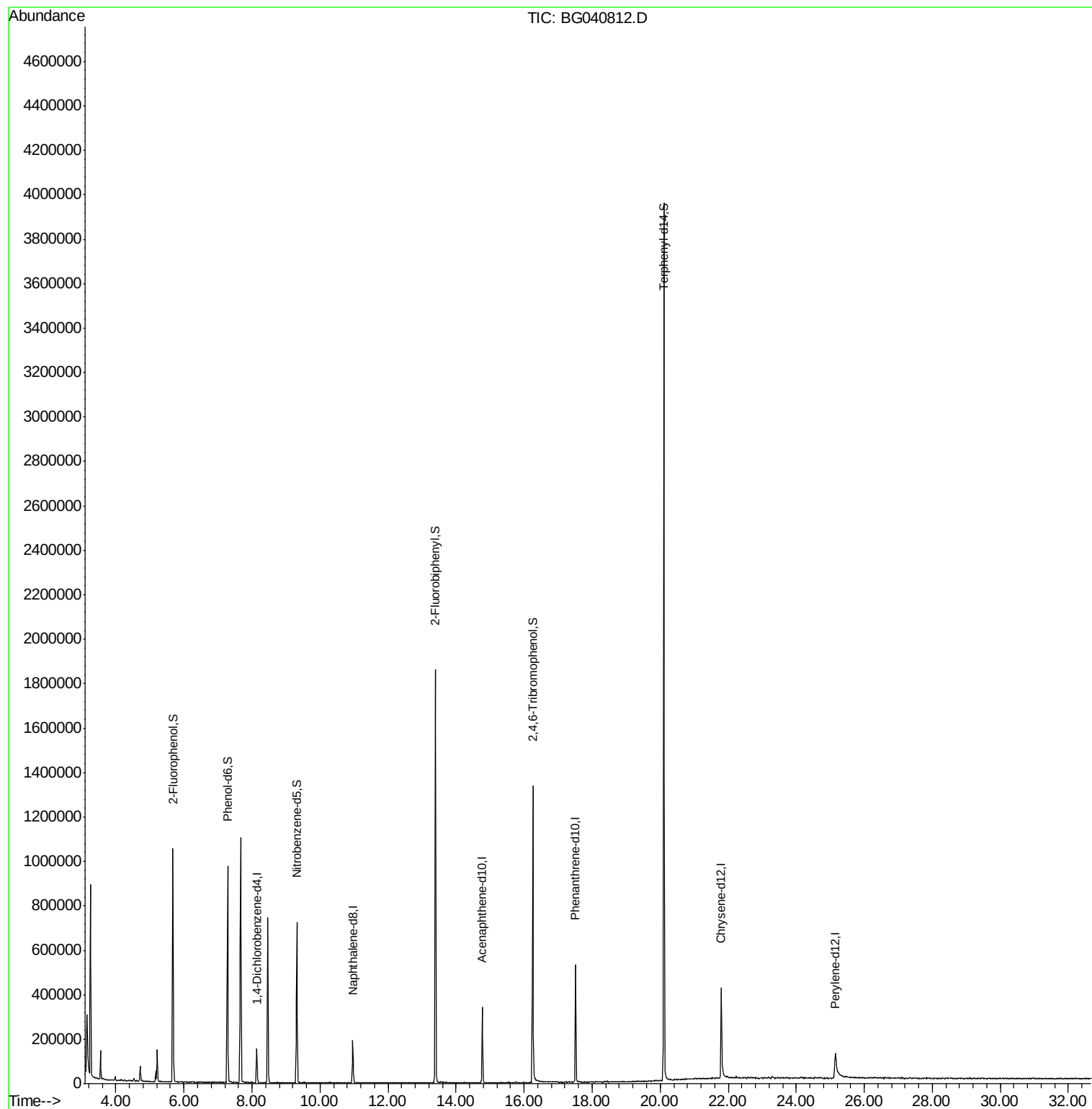
Target Compounds Qvalue

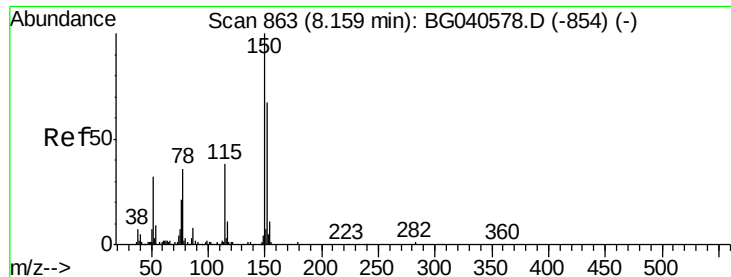
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.02 min

Lab File: BG040812.D

Acq: 9 May 2019 8:20

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-B

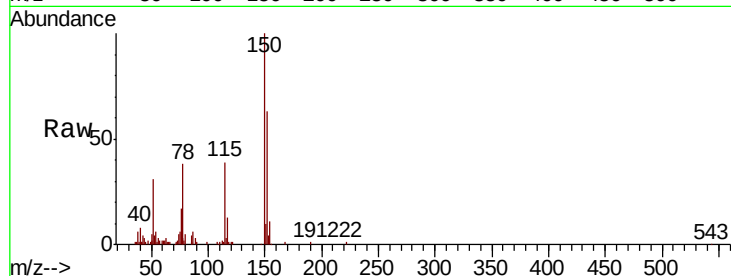
Tot Ion:152 Resp: 38897

Ion Ratio Lower Upper

152 100

150 158.4 120.2 180.2

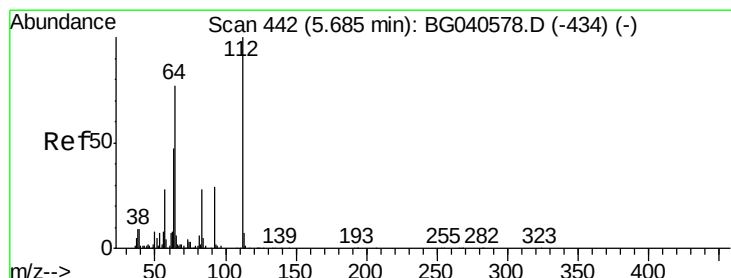
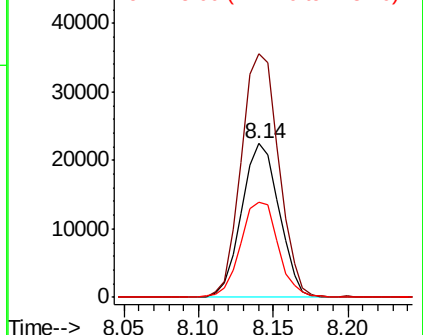
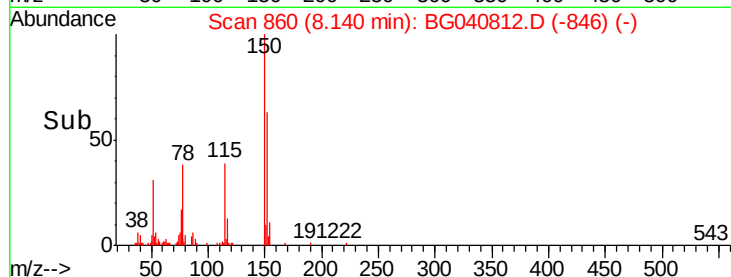
115 61.5 46.2 69.2



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: 172.642 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040812.D

Acq: 9 May 2019 8:20

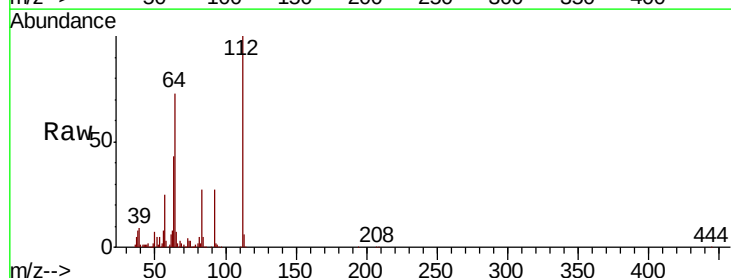
Tgt Ion:112 Resp: 380950

Ion Ratio Lower Upper

112 100

64 72.9 61.4 92.0

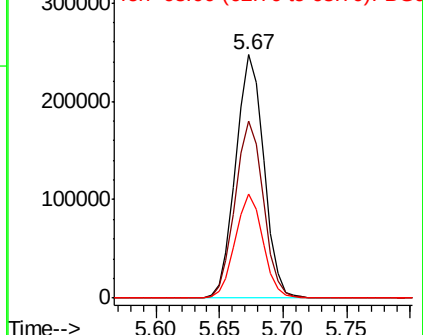
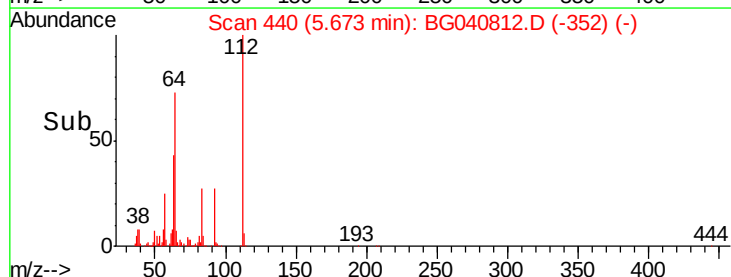
63 42.9 37.8 56.6

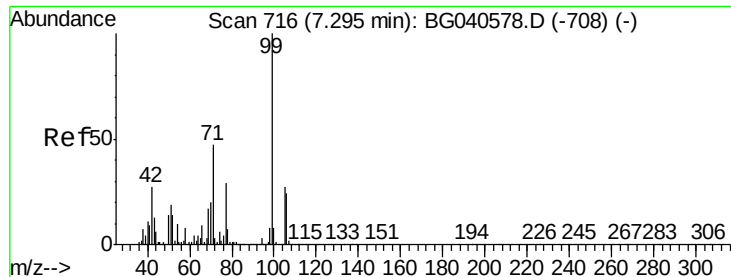


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 147.235 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040812.D

Acq: 9 May 2019 8:20

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-B

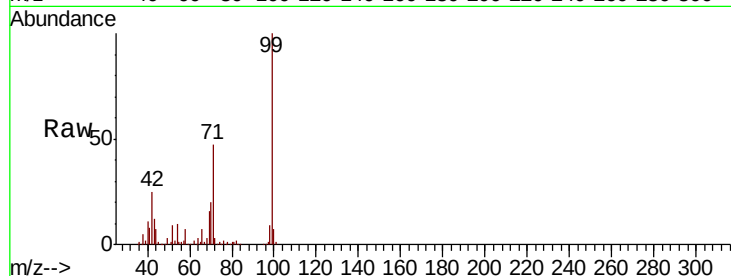
Tot Ion: 99 Resp: 500236

Ion Ratio Lower Upper

99 100

42 24.8 21.8 32.8

71 46.6 38.6 57.8

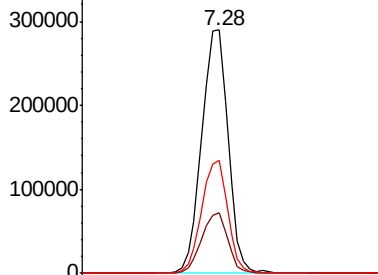


Abundance

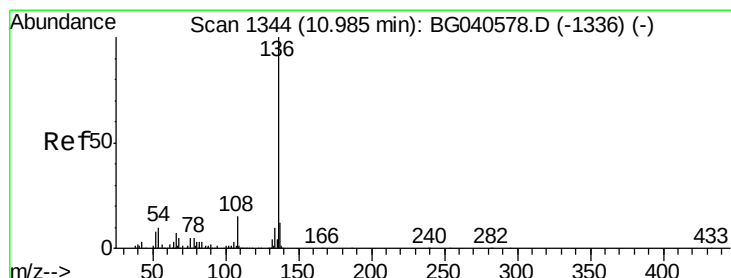
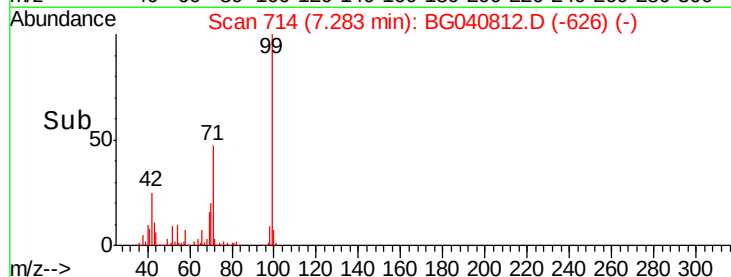
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BG040812.D

Acq: 9 May 2019 8:20

Tgt Ion: 136 Resp: 151943

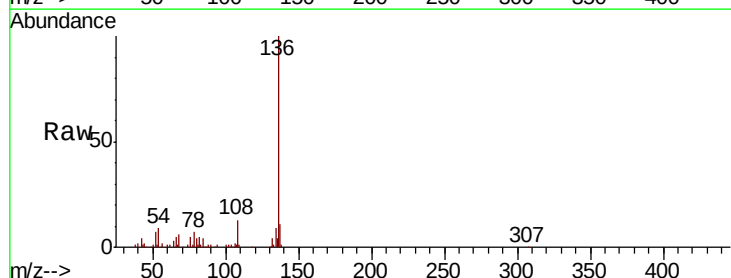
Ion Ratio Lower Upper

136 100

137 11.2 9.7 14.5

54 9.4 8.6 12.8

68 5.9 4.8 7.2



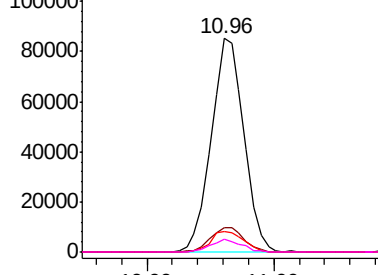
Abundance

Ion 136.00 (135.70 to 136.70): BGC

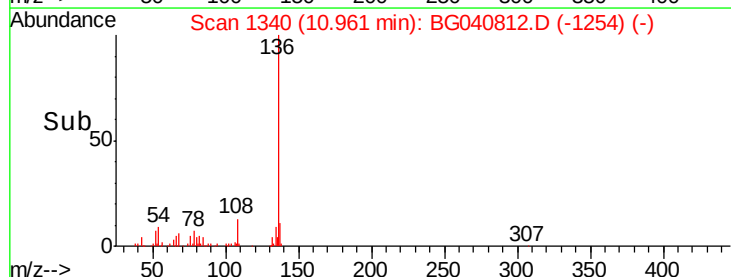
Ion 137.00 (136.70 to 137.70): BGC

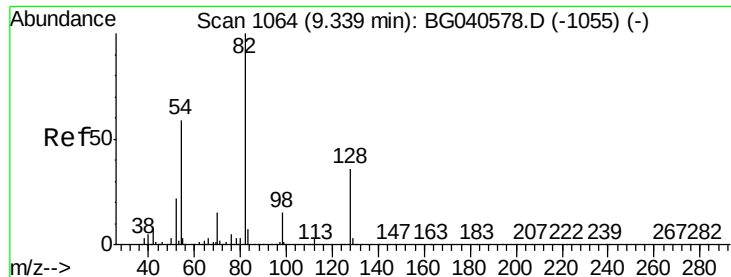
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

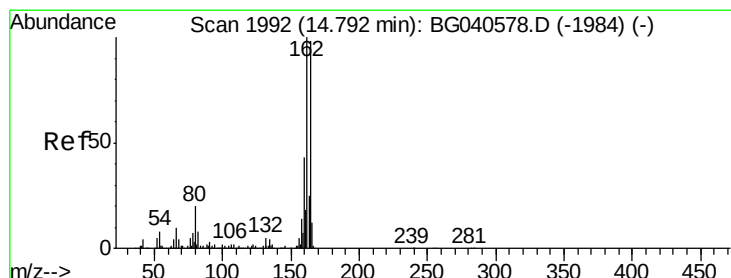
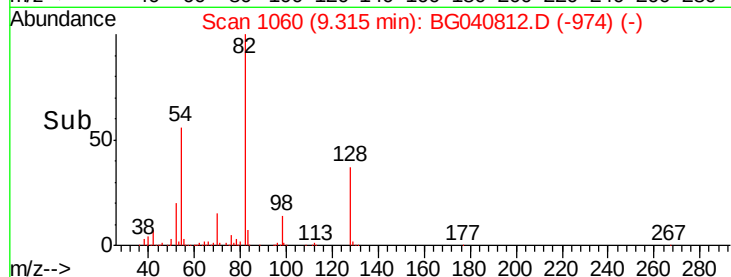
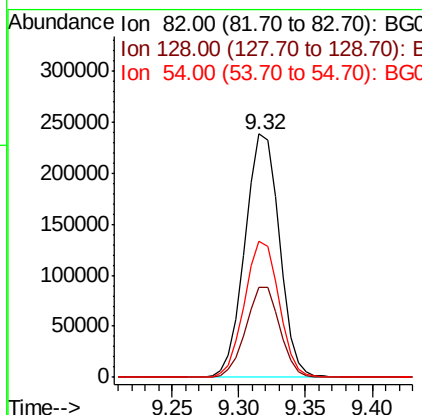
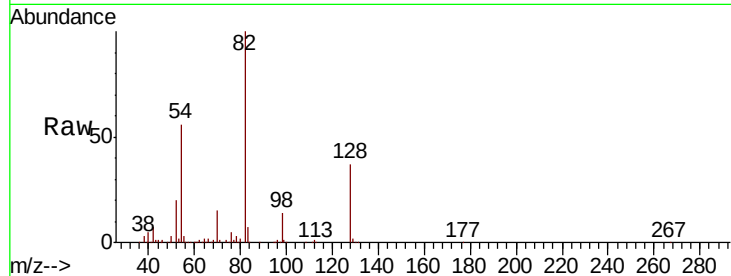




#23
 Nitrobenzene-d5
 Concen: 129.375 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BG040812.D
 Acq: 9 May 2019 8:20

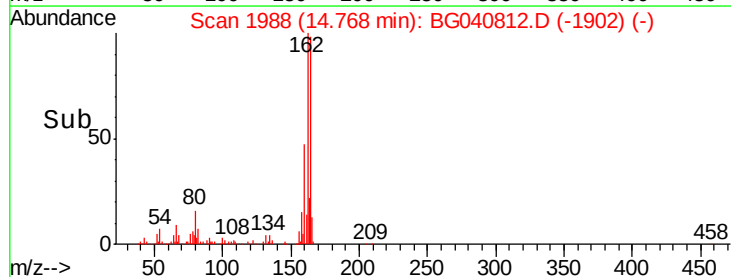
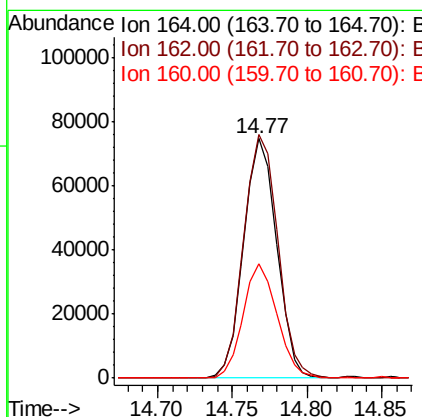
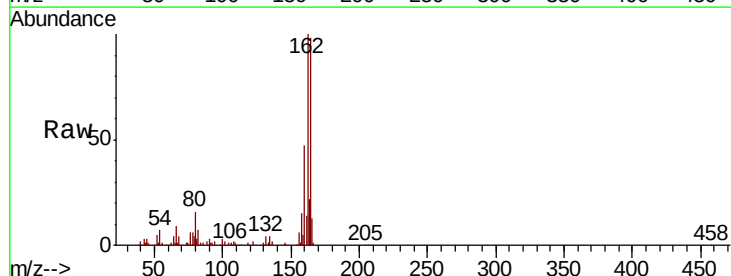
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-B

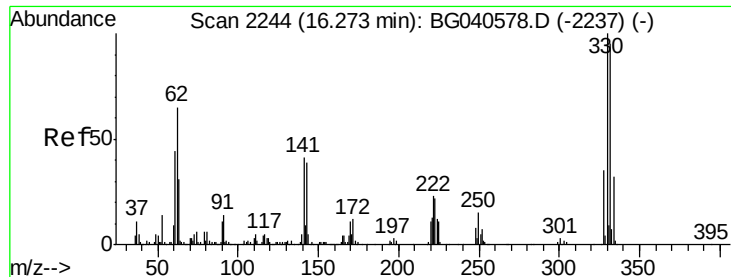
Tot Ion	82	Resp	425432
Ion Ratio	Lower	Upper	
82	100		
128	37.0	28.9	43.3
54	55.9	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040812.D
 Acq: 9 May 2019 8:20

Tgt Ion	164	Resp	114823
Ion Ratio	Lower	Upper	
164	100		
162	101.6	81.9	122.9
160	47.7	35.4	53.2

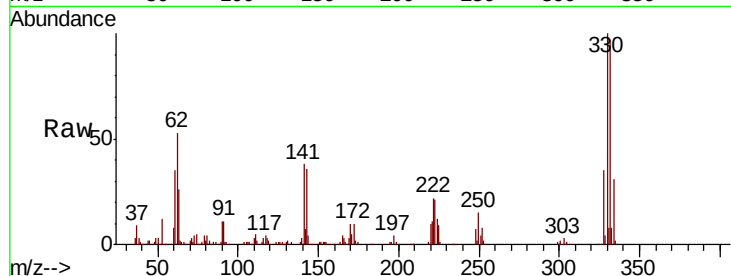




#42
2,4,6-Tribromophenol
Concen: 162.076 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Instrument :
BNA_G
ClientSampleId :
CL-02-050719-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.9	113.9
141	36.7	32.4	48.6

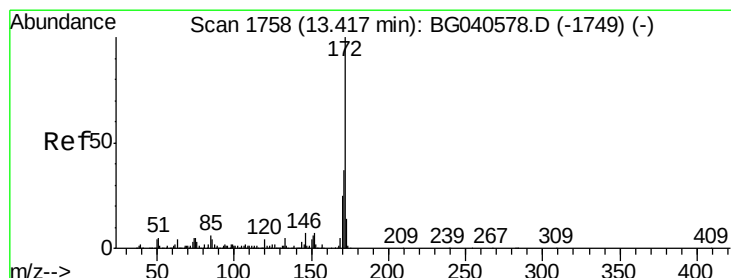
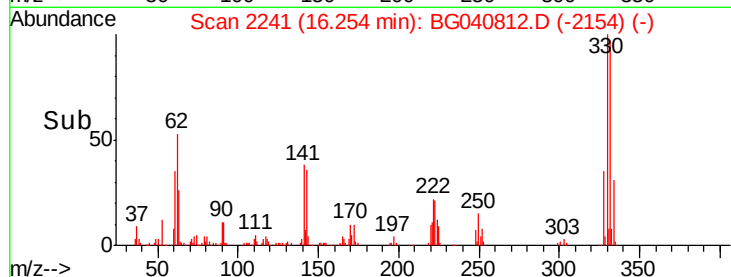
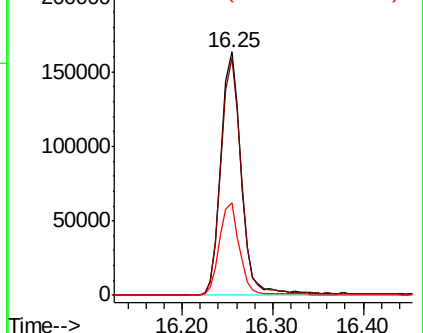


Abundance

Ion 329.80 (329.50 to 330.50): E

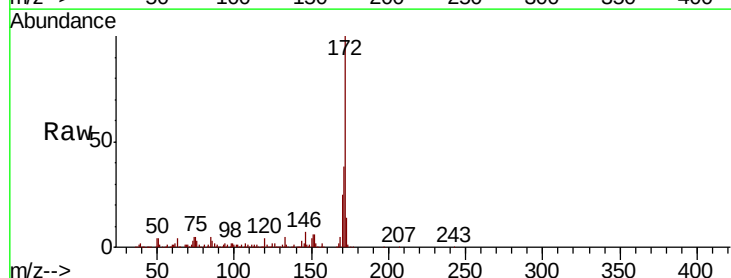
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 115.322 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.2
170	25.1	19.9	29.9

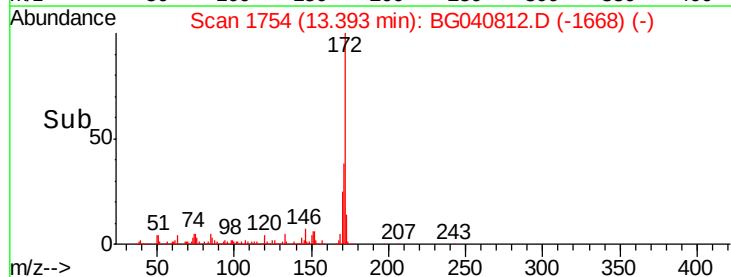
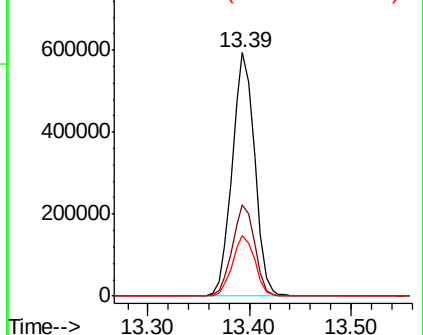


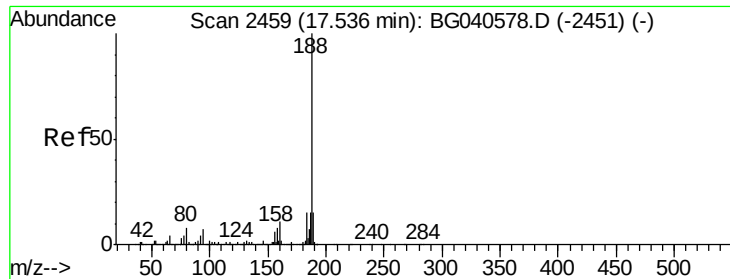
Abundance

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040812.D

Acq: 9 May 2019 8:20

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-B

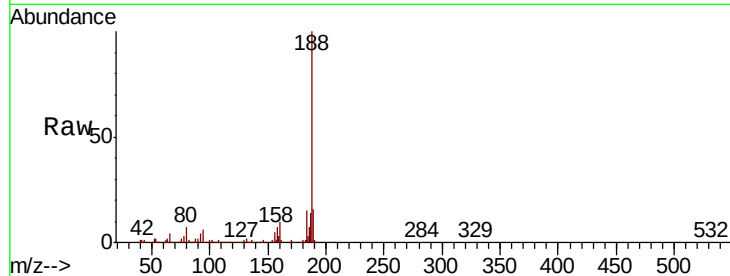
Tot Ion:188 Resp: 326663

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

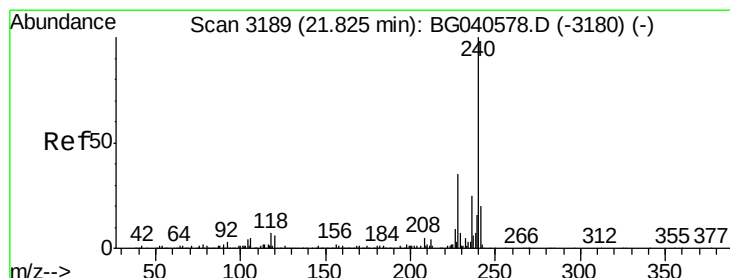
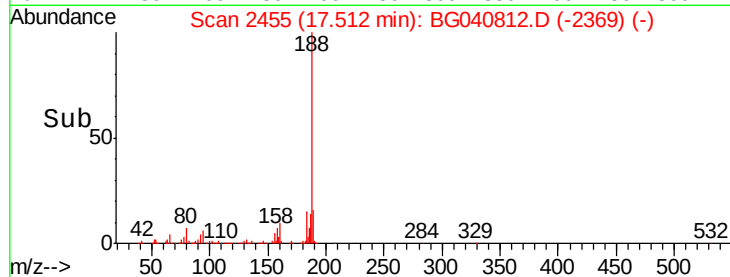
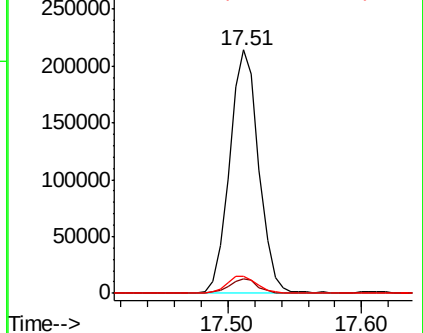
80 7.2 6.4 9.6



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: 21.79 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040812.D

Acq: 9 May 2019 8:20

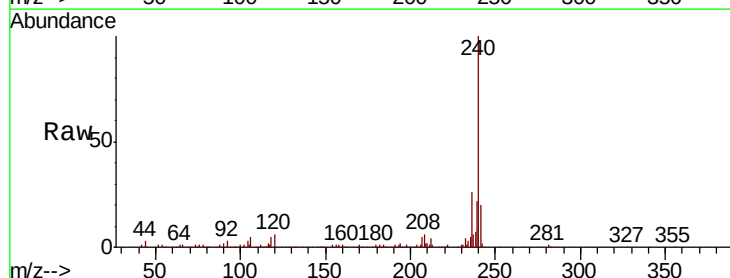
Tgt Ion:240 Resp: 298284

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.6

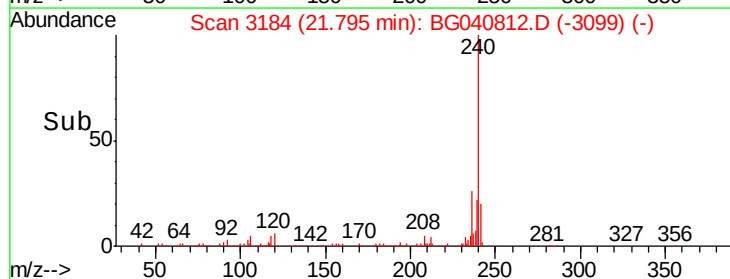
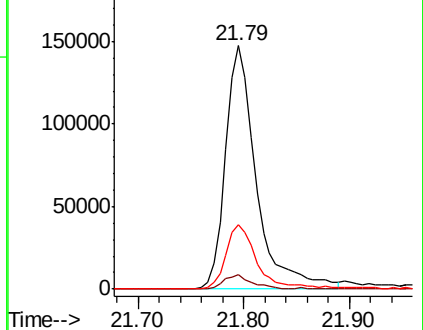
236 26.3 20.3 30.5

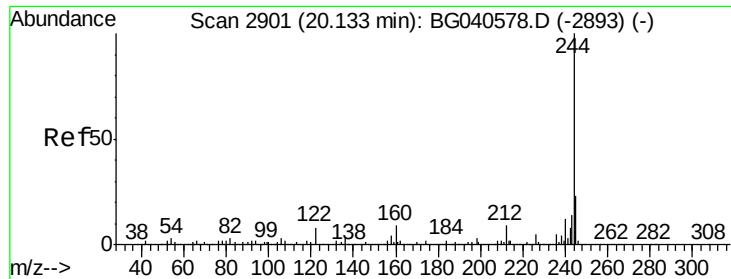


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 137.445 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040812.D

Acq: 9 May 2019 8:20

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-B

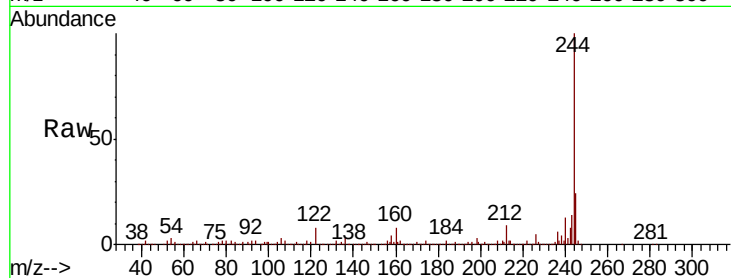
Tot Ion:244 Resp: 1850558

Ion Ratio Lower Upper

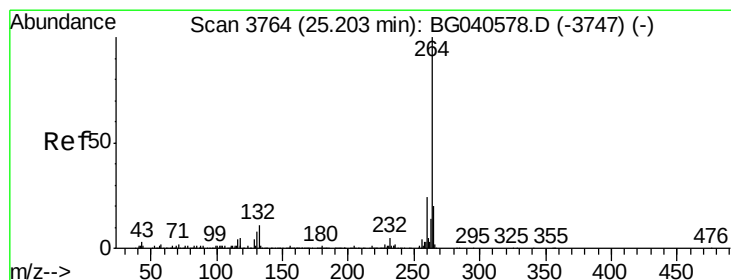
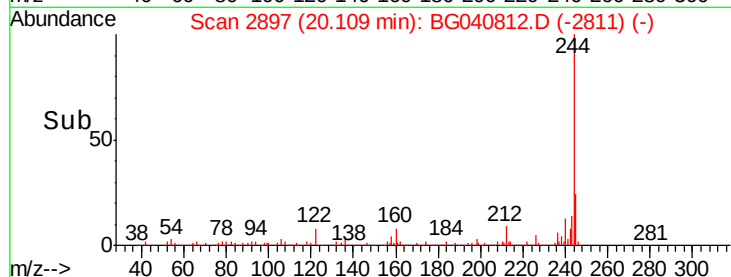
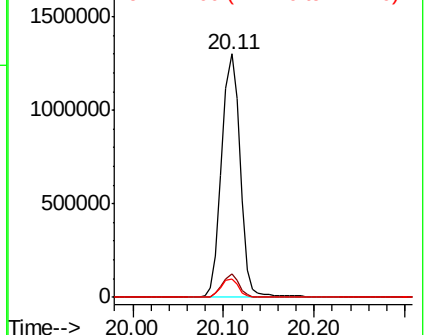
244 100

212 9.4 7.2 10.8

122 7.7 6.6 10.0



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: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040812.D

Acq: 9 May 2019 8:20

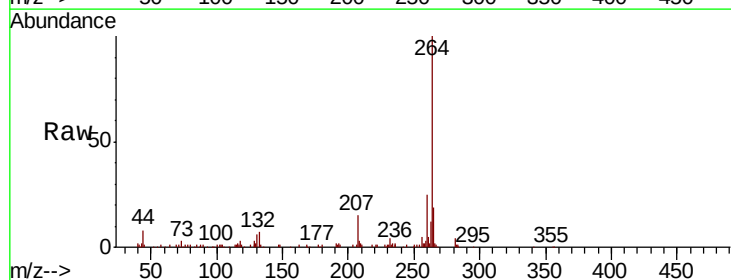
Tgt Ion:264 Resp: 204224

Ion Ratio Lower Upper

264 100

260 25.4 19.2 28.8

265 19.3 16.6 25.0



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

