

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
 Data File : BG040324.D
 Acq On : 3 Apr 2019 11:27
 Operator : JU/SJ
 Sample : K2182-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S7C(12-20)COMP

Quant Time: Apr 03 16:57:30 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	64248	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	261255	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	179939	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	466547	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	474590	20.00	ng	-0.02
87) Perylene-d12	25.02	264	459338	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	443320	114.71	ng	0.00
7) Phenol-d6	7.21	99	552989	103.53	ng	-0.02
23) Nitrobenzene-d5	9.23	82	421080	85.67	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	246492	126.75	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	919379	75.71	ng	-0.02
79) Terphenyl-d14	20.03	244	1675704	79.43	ng	-0.02

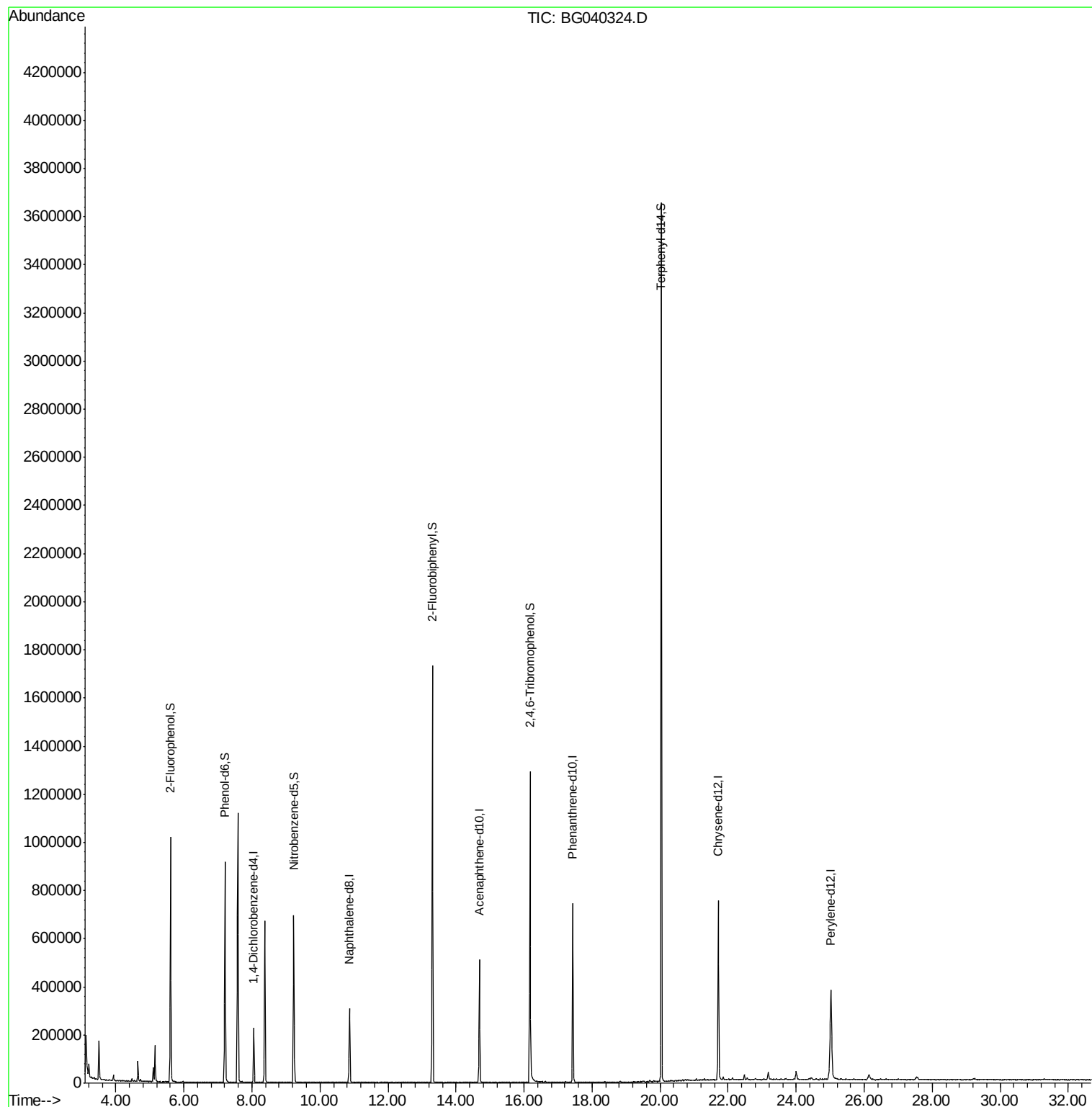
Target Compounds	Qvalue
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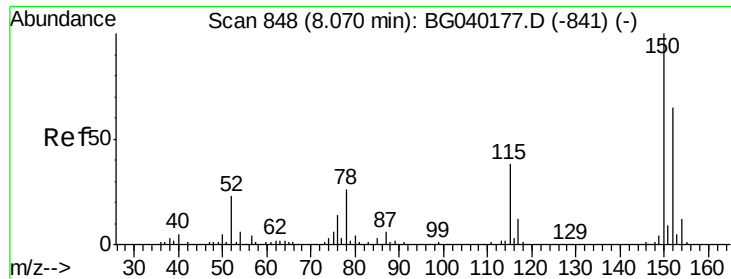
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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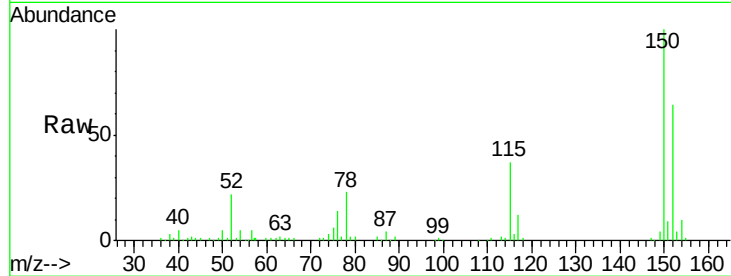


#1

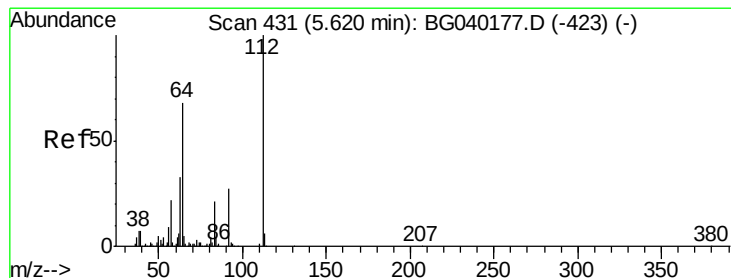
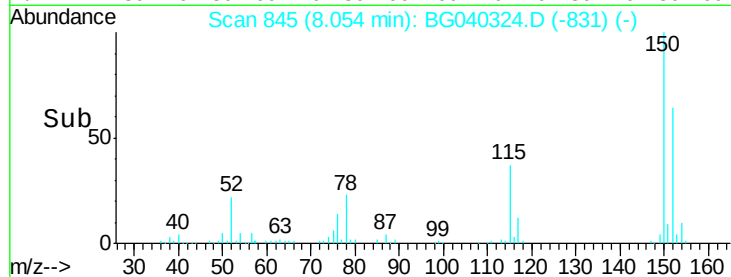
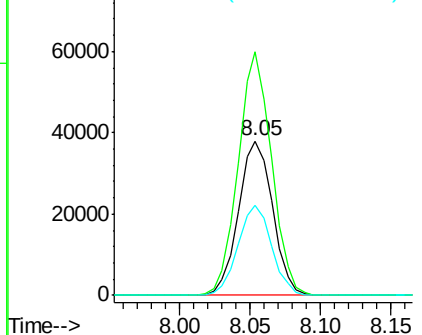
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040324.D
Acq: 3 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
S7C(12-20)COMP

Tgt Ion:152 Resp: 64248
Ion Ratio Lower Upper
152 100
150 157.4 123.7 185.5
115 57.8 46.9 70.3



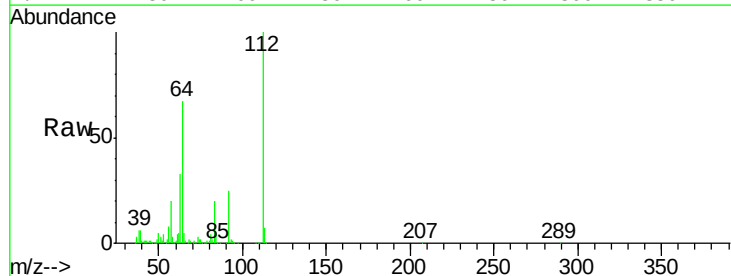
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



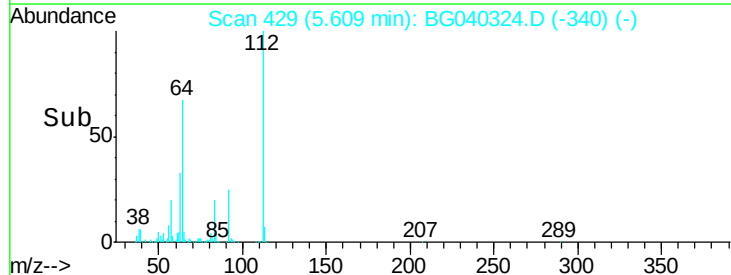
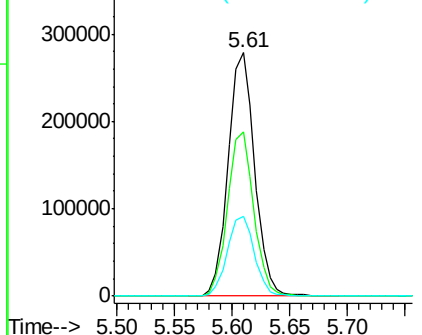
#5

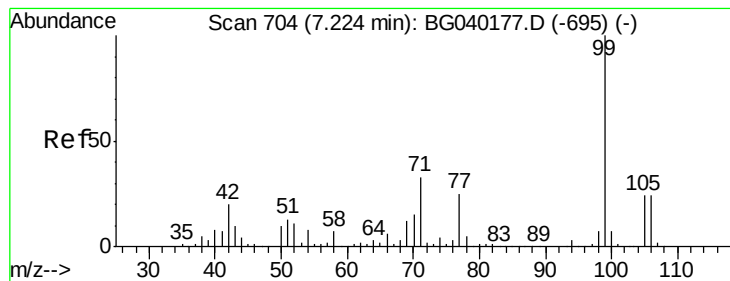
2-Fluorophenol
Concen: 114.709 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040324.D
Acq: 3 Apr 2019 11:27

Tgt Ion:112 Resp: 443320
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.2
63 32.8 26.4 39.6



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: 103.534 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040324.D

Acq: 3 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

S7C(12-20)COMP

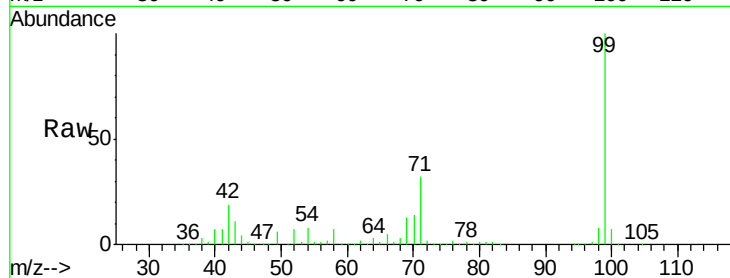
Tgt Ion: 99 Resp: 552989

Ion Ratio Lower Upper

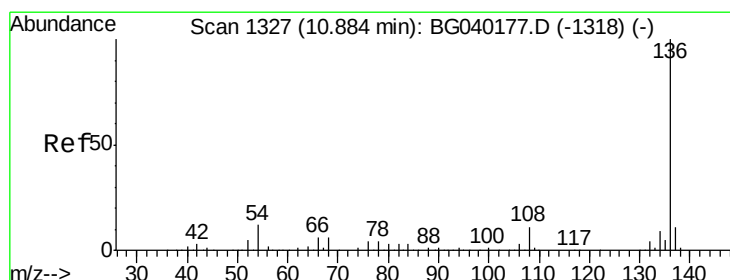
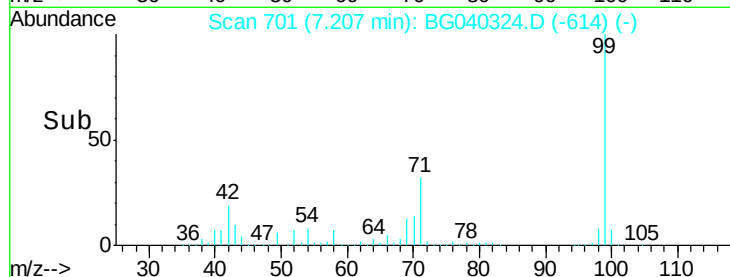
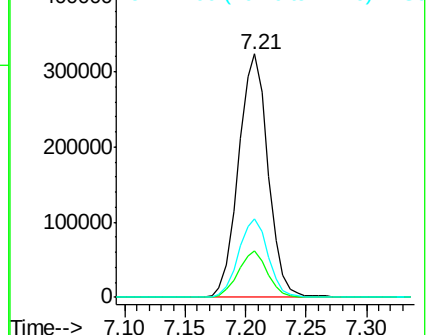
99 100

42 19.2 16.2 24.2

71 32.1 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: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040324.D

Acq: 3 Apr 2019 11:27

Tgt Ion: 136 Resp: 261255

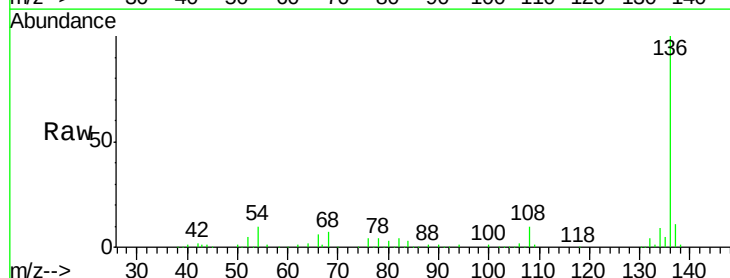
Ion Ratio Lower Upper

136 100

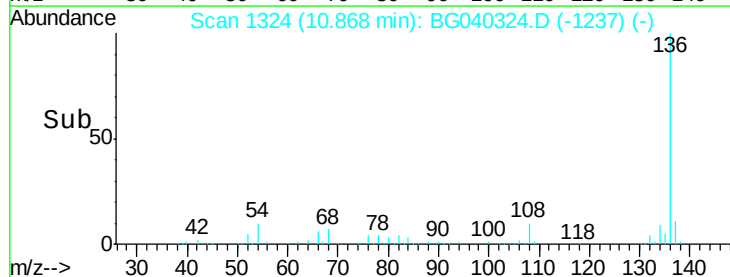
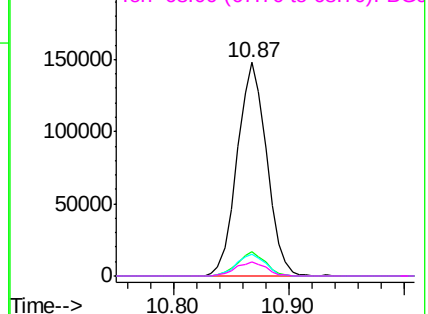
137 11.2 8.9 13.3

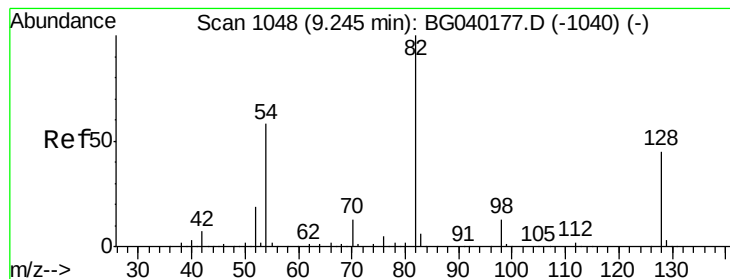
54 10.3 9.6 14.4

68 6.8 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: 85.670 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG040324.D

Acq: 3 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

S7C(12-20)COMP

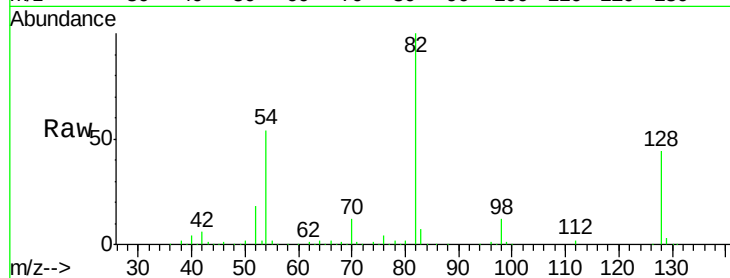
Tgt Ion: 82 Resp: 421080

Ion Ratio Lower Upper

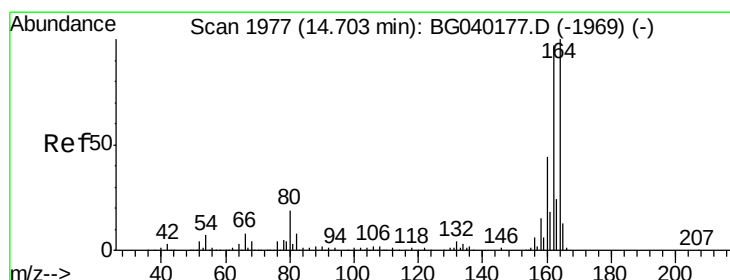
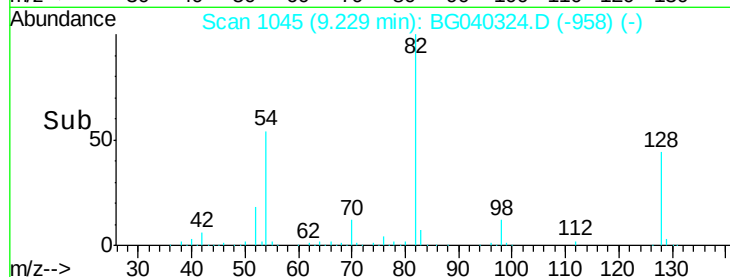
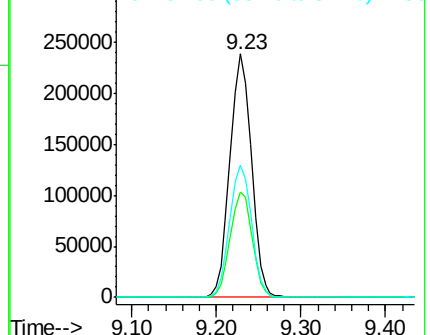
82 100

128 43.5 35.8 53.8

54 54.4 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: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040324.D

Acq: 3 Apr 2019 11:27

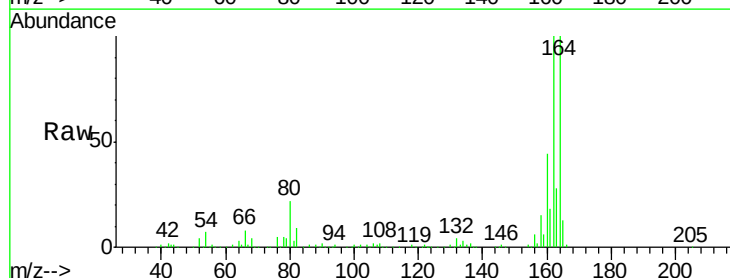
Tgt Ion: 164 Resp: 179939

Ion Ratio Lower Upper

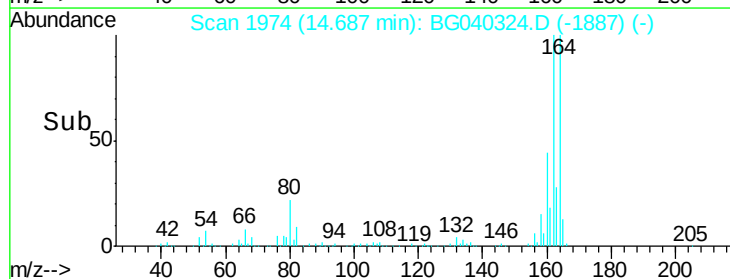
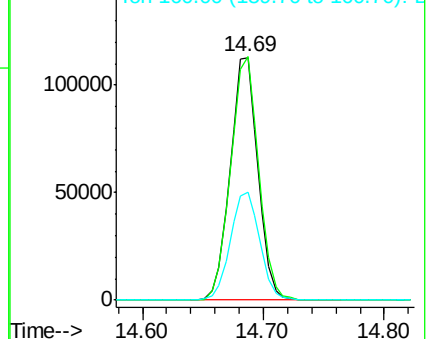
164 100

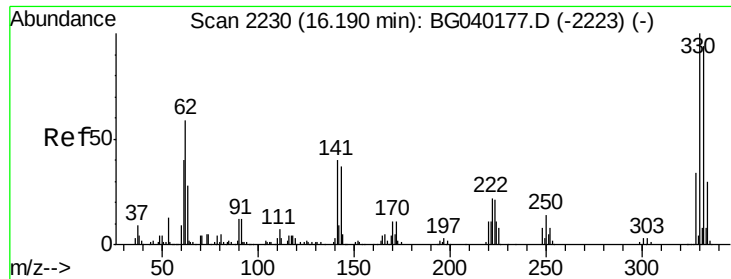
162 100.4 77.4 116.2

160 44.6 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

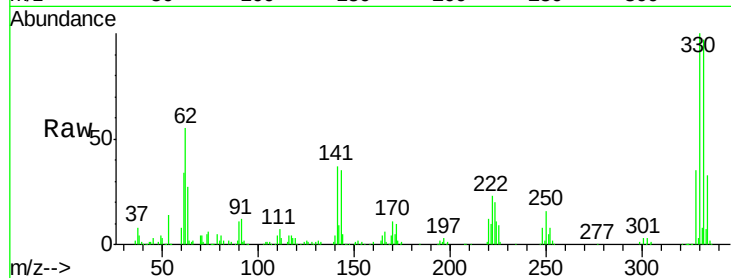




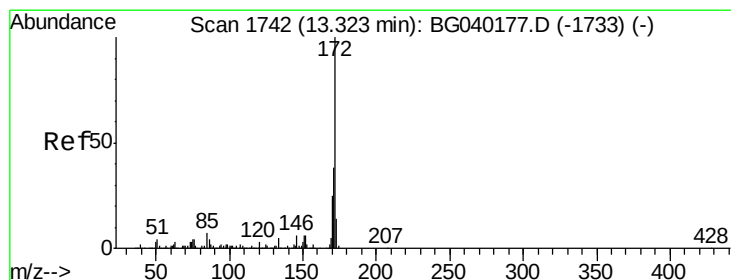
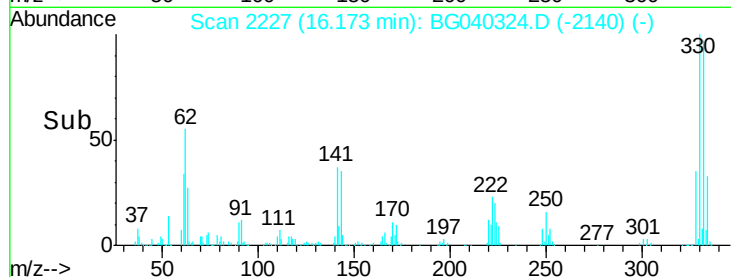
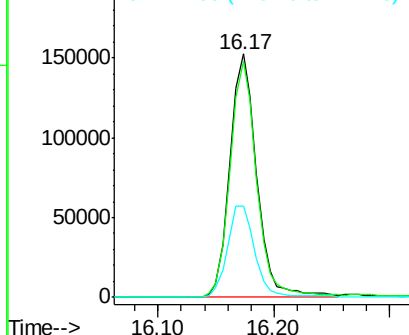
#42
 2,4,6-Tribromophenol
 Concen: 126.752 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040324.D
 Acq: 3 Apr 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :
 S7C(12-20)COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	38.3	32.6	48.8

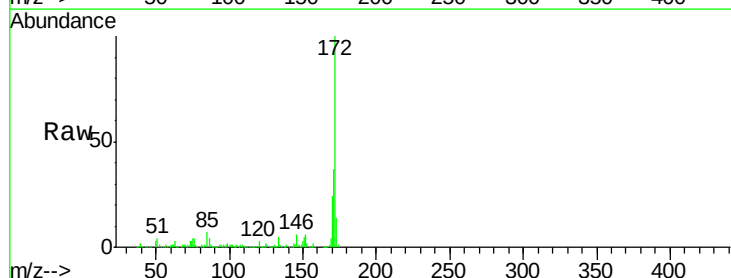


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

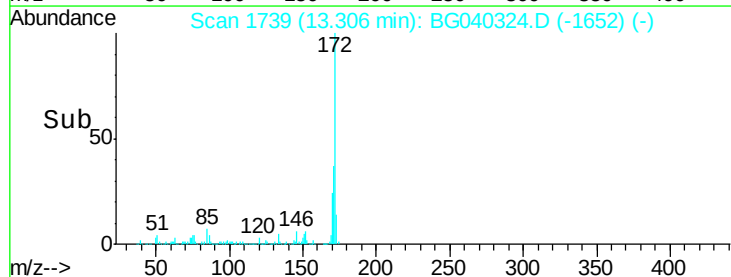
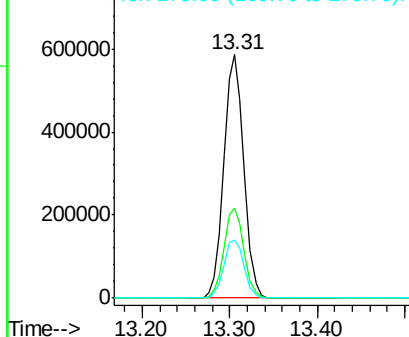


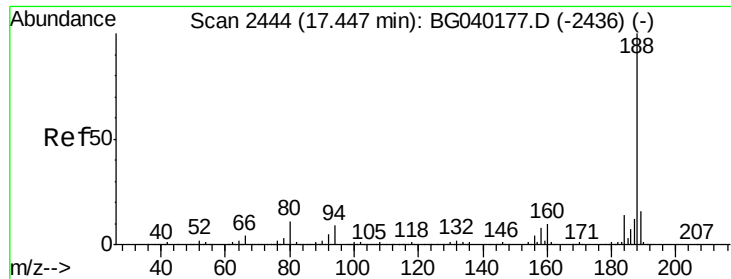
#45
 2-Fluorobiphenyl
 Concen: 75.709 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040324.D
 Acq: 3 Apr 2019 11:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.1	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

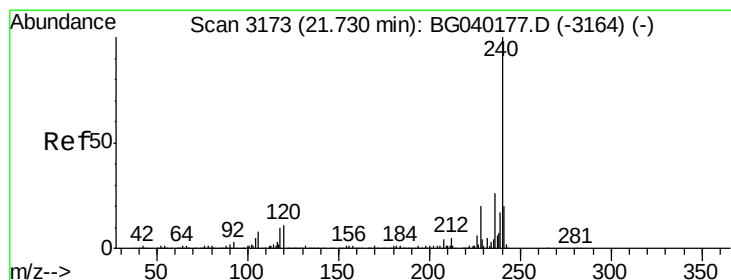
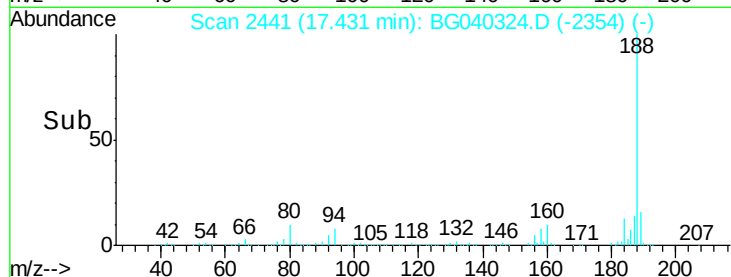
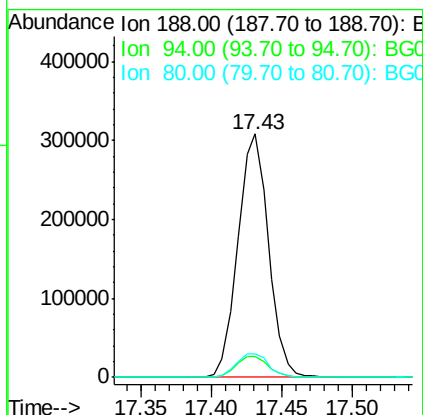
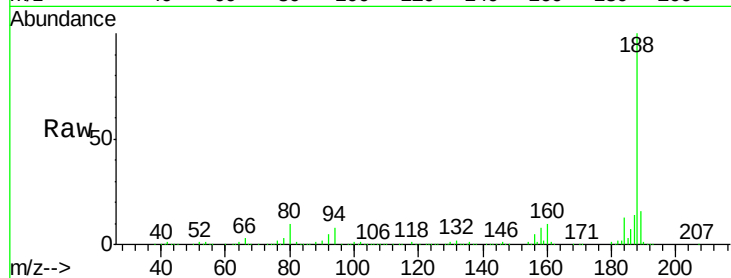




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040324.D
Acq: 3 Apr 2019 11:27

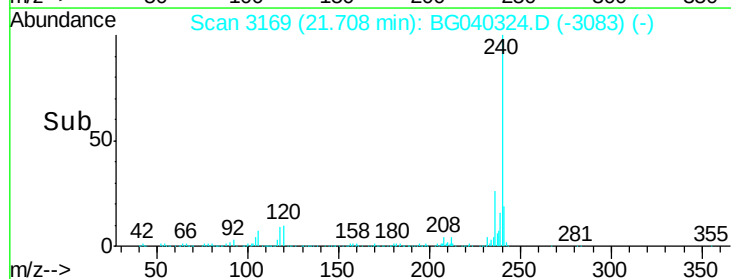
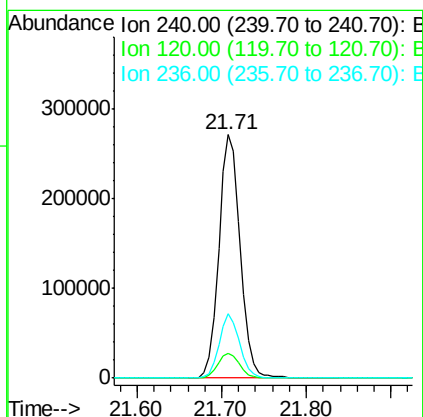
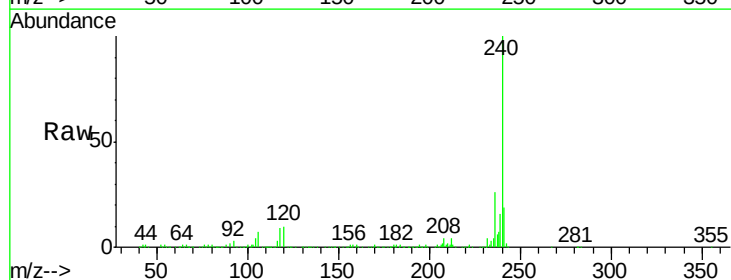
Instrument :
BNA_G
ClientSampleId :
S7C(12-20)COMP

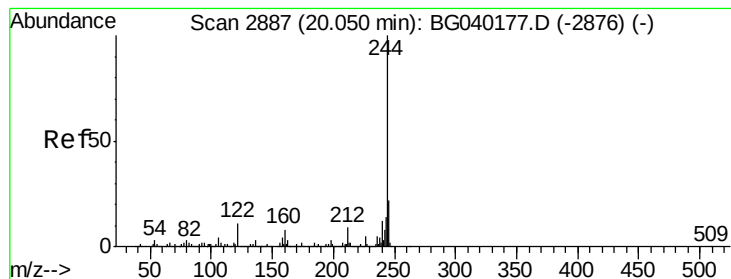
Tgt Ion:188 Resp: 466547
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040324.D
Acq: 3 Apr 2019 11:27

Tgt Ion:240 Resp: 474590
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 26.4 20.8 31.2





#79

Terphenyl-d14

Concen: 79.432 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040324.D

Acq: 3 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

S7C(12-20)COMP

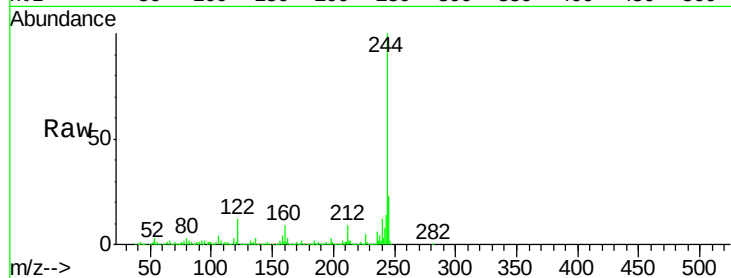
Tgt Ion:244 Resp: 1675704

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

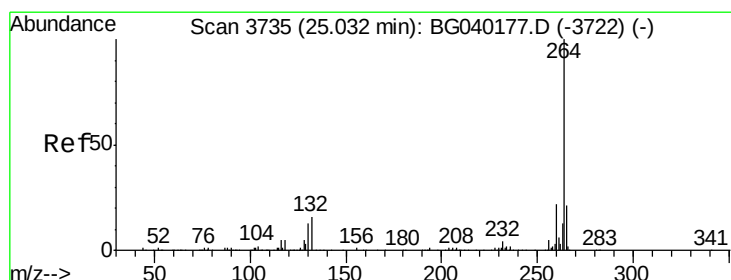
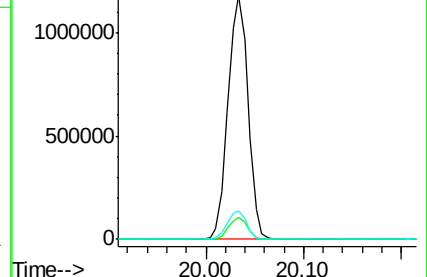
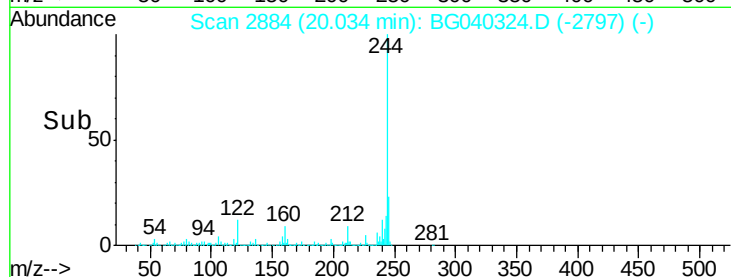
122 11.8 8.5 12.7



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: 25.02 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040324.D

Acq: 3 Apr 2019 11:27

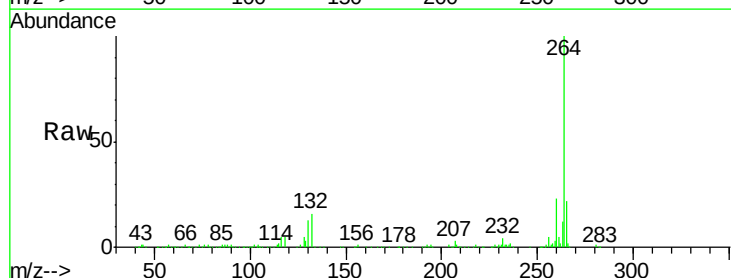
Tgt Ion:264 Resp: 459338

Ion Ratio Lower Upper

264 100

260 22.5 17.9 26.9

265 22.1 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

