

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040907.D
 Acq On : 12 May 2019 13:32
 Operator : HP/JU
 Sample : K2768-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-02

Quant Time: May 13 05:10:58 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

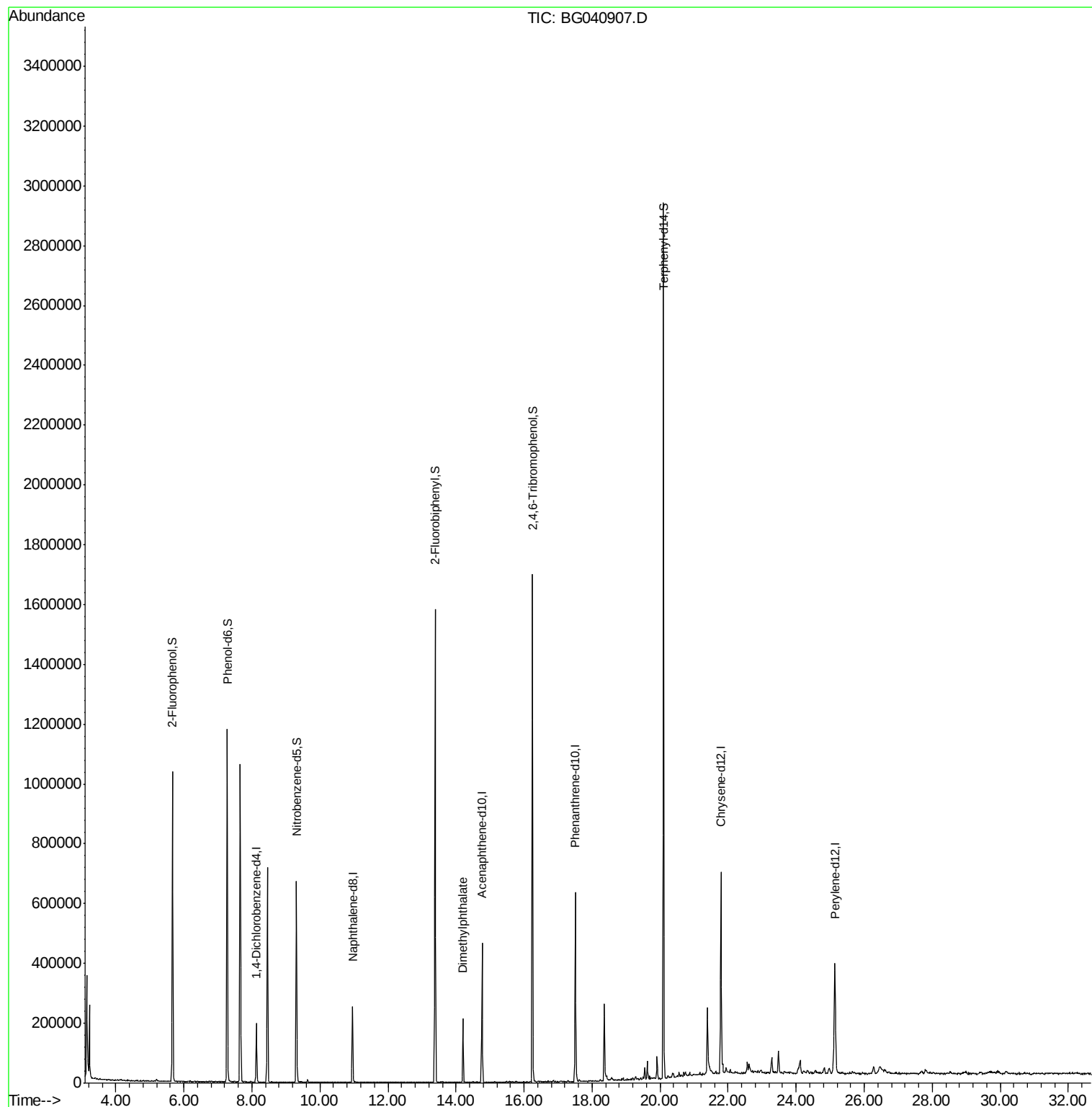
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	49724	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	206202	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	159791	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	407037	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	410678	20.00	ng	-0.04
87) Perylene-d12	25.13	264	437445	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	386889	137.16	ng	-0.02
7) Phenol-d6	7.27	99	589791	135.80	ng	-0.02
23) Nitrobenzene-d5	9.31	82	406014	90.98	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	312979	142.50	ng	-0.02
45) 2-Fluorobiphenyl	13.38	172	800597	72.36	ng	-0.03
79) Terphenyl-d14	20.10	244	1374088	74.13	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.21	163	136355	10.199	ng	Qvalue 96

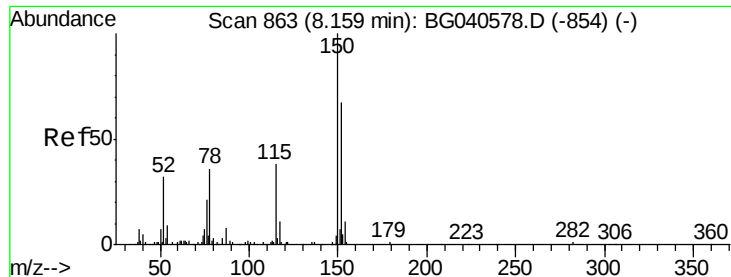
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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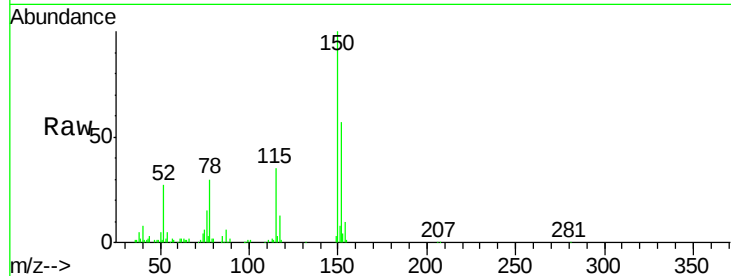


#1

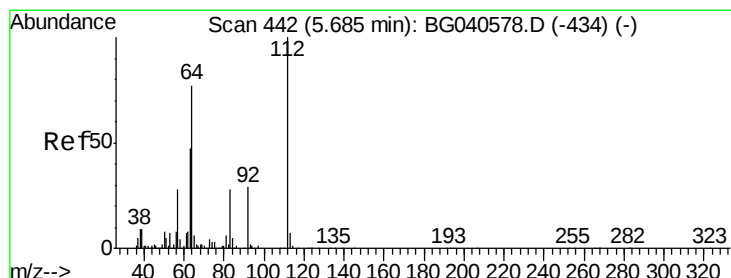
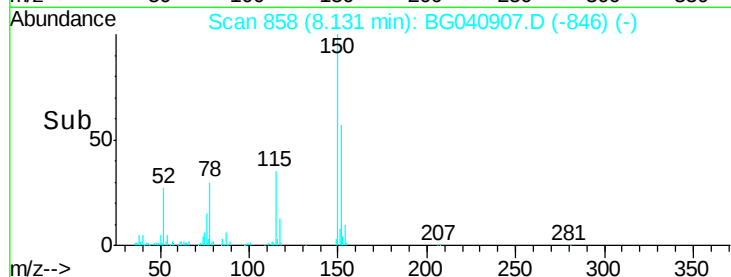
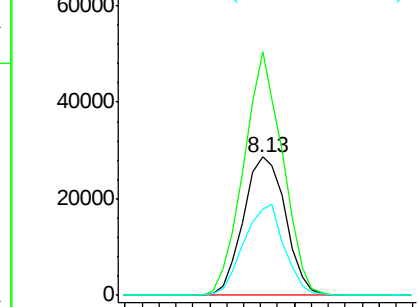
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040907.D
Acq: 12 May 2019 13:32

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-02

Tgt Ion:152 Resp: 49724
Ion Ratio Lower Upper
152 100
150 176.0 120.2 180.2
115 62.3 46.2 69.2



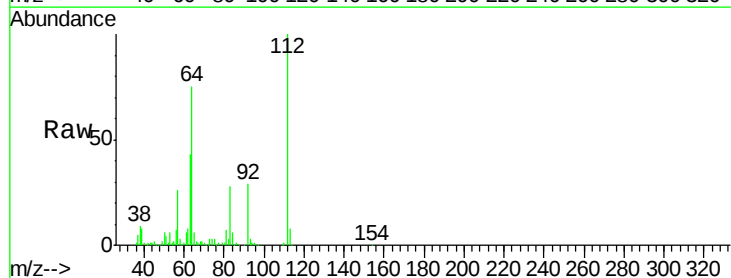
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



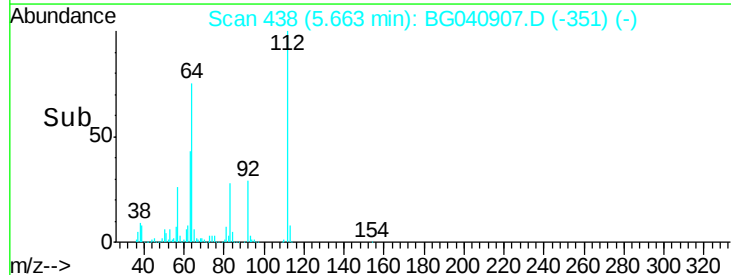
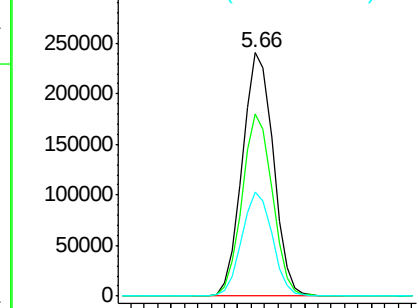
#5

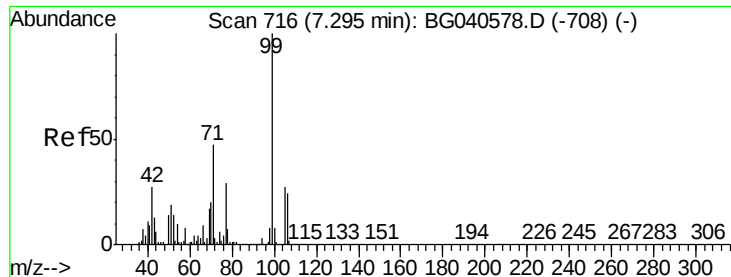
2-Fluorophenol
Concen: 137.156 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040907.D
Acq: 12 May 2019 13:32

Tgt Ion:112 Resp: 386889
Ion Ratio Lower Upper
112 100
64 74.8 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 135.796 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-02

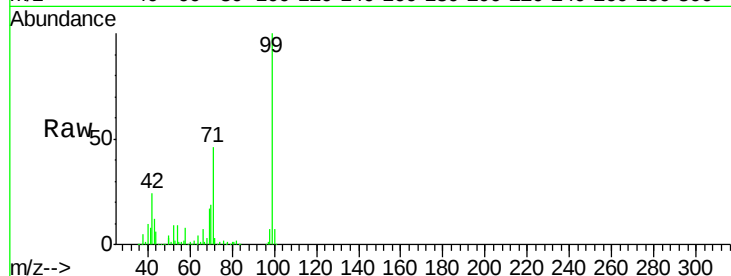
Tgt Ion: 99 Resp: 589791

Ion Ratio Lower Upper

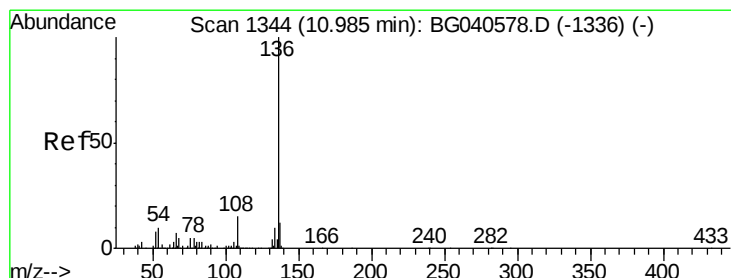
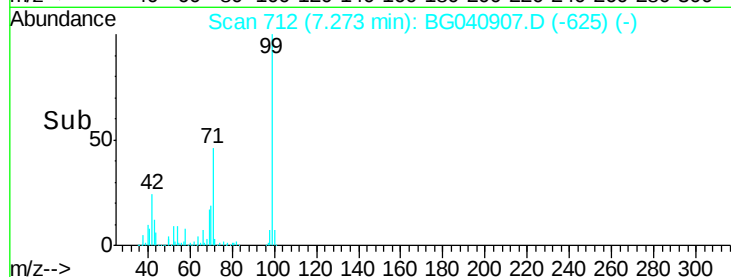
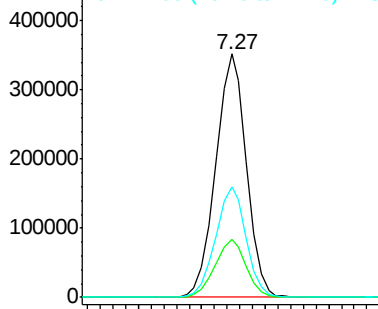
99 100

42 24.1 21.8 32.8

71 45.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

Tgt Ion: 136 Resp: 206202

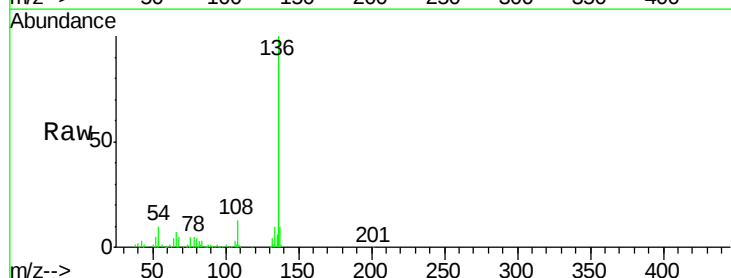
Ion Ratio Lower Upper

136 100

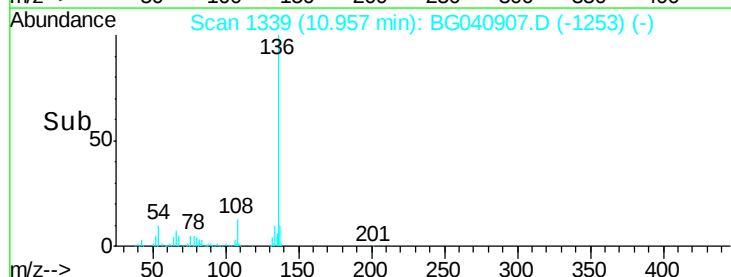
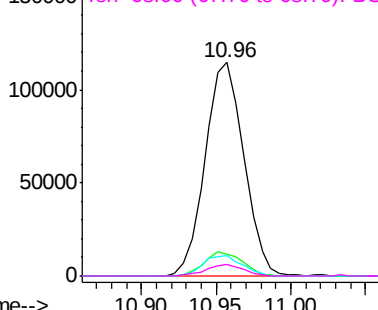
137 10.4 9.7 14.5

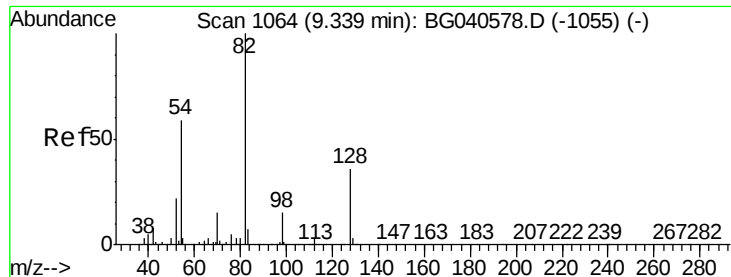
54 9.5 8.6 12.8

68 5.3 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

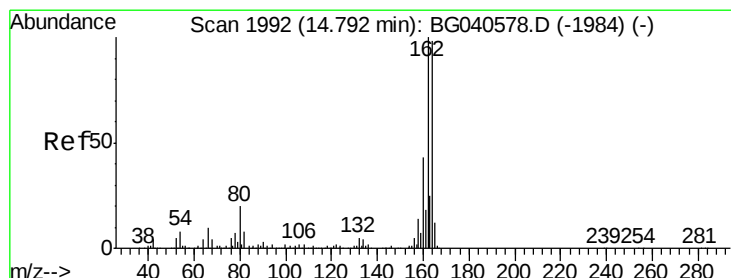
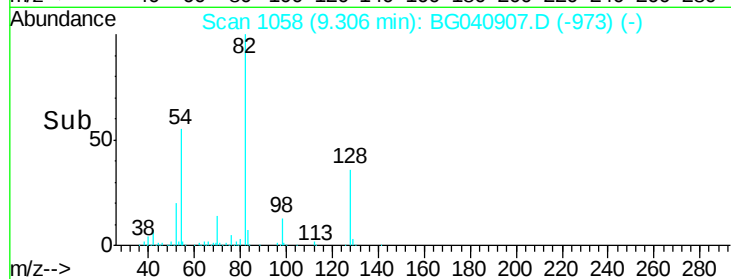
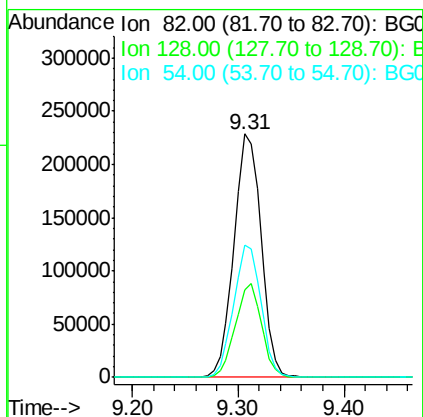
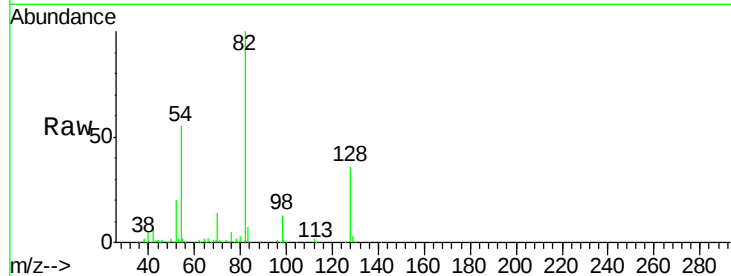




#23
 Nitrobenzene-d5
 Concen: 90.981 ng
 RT: 9.31 min Scan# 1058
 Delta R.T. -0.03 min
 Lab File: BG040907.D
 Acq: 12 May 2019 13:32

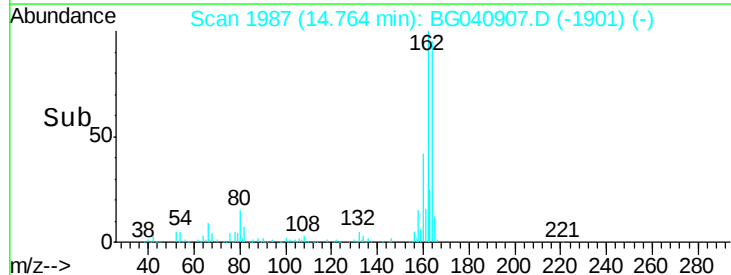
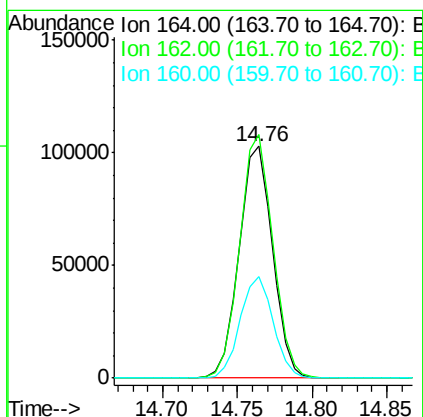
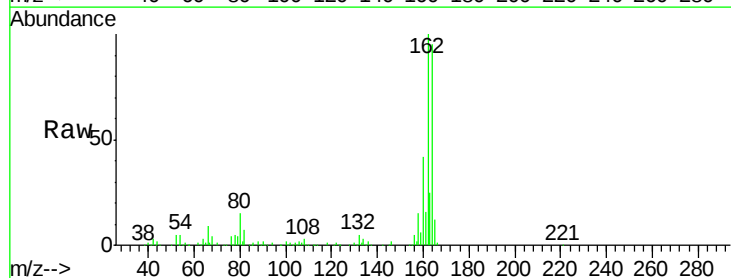
Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-02

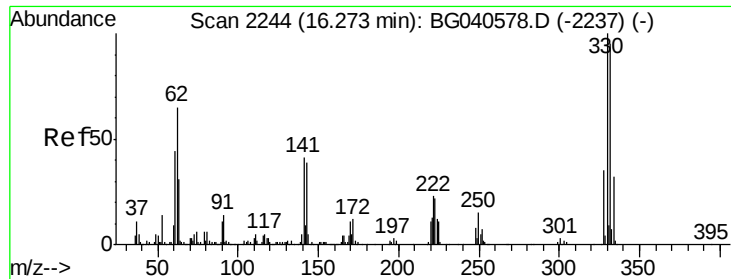
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.9	43.3
54	54.5	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040907.D
 Acq: 12 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.9	122.9
160	43.8	35.4	53.2

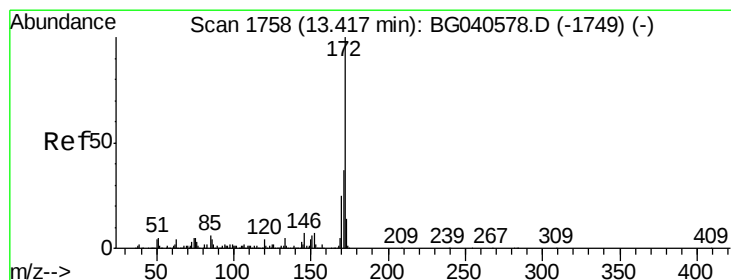
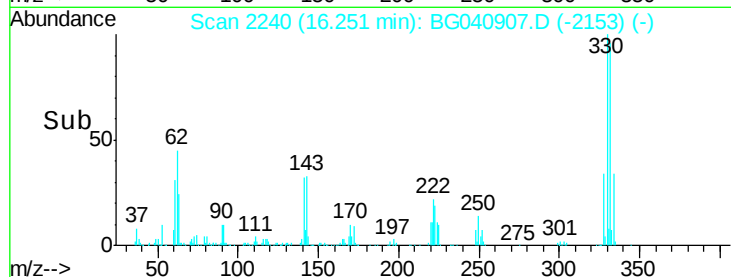
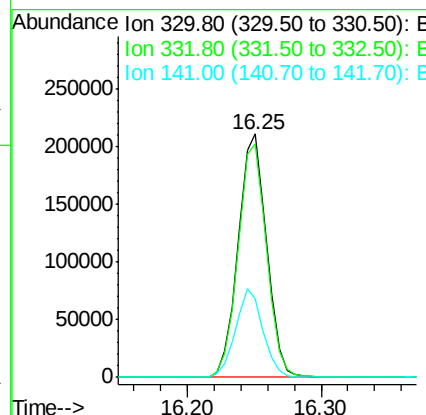
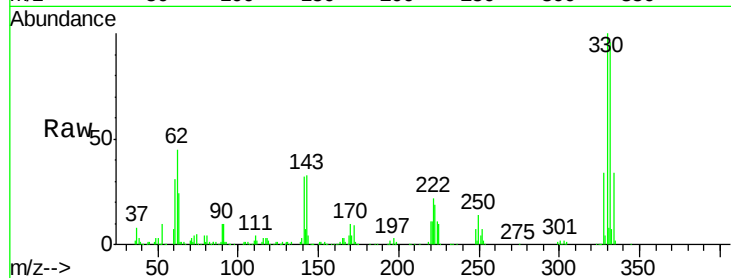




#42
 2,4,6-Tribromophenol
 Concen: 142.499 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040907.D
 Acq: 12 May 2019 13:32

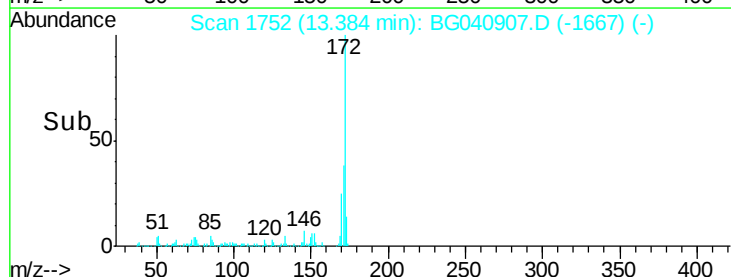
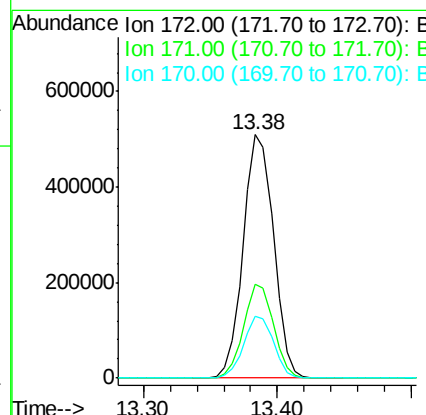
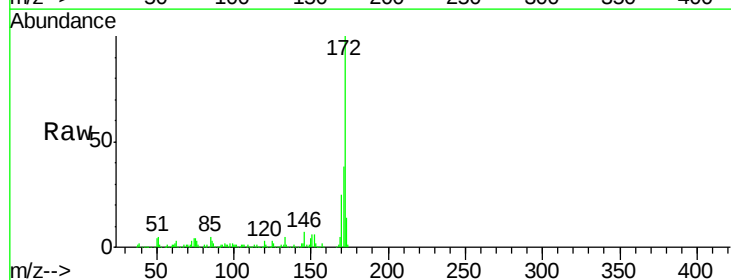
Instrument :
 BNA_G
 ClientSampleId :
 P026-SS015-1824-02

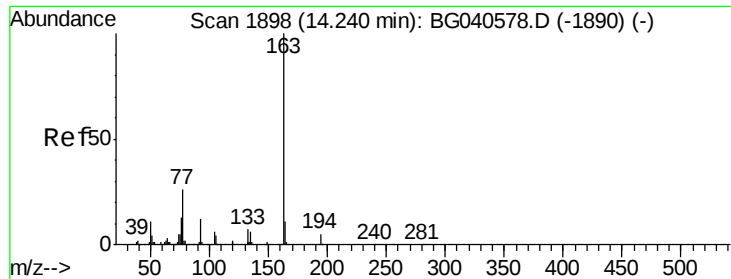
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.9	113.9
141	35.5	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 72.358 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040907.D
 Acq: 12 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.4	44.2
170	25.2	19.9	29.9





#50

Dimethylphthalate

Concen: 10.199 ng

RT: 14.21 min Scan# 1892

Delta R.T. -0.03 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-02

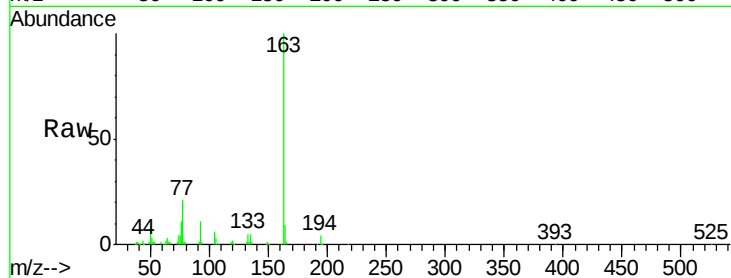
Tgt Ion:163 Resp: 136355

Ion Ratio Lower Upper

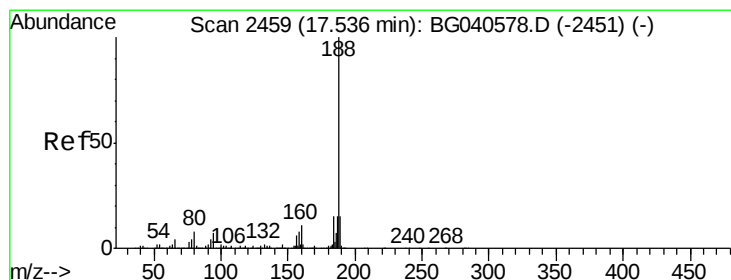
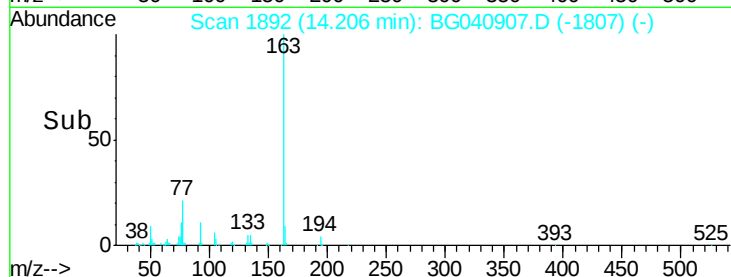
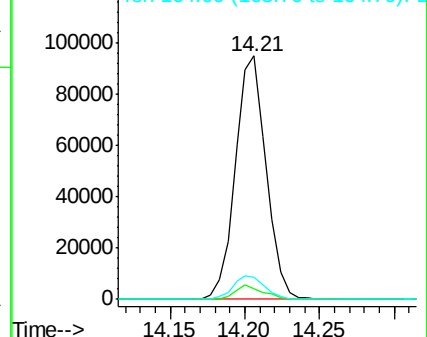
163 100

194 4.4 3.8 5.8

164 8.9 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

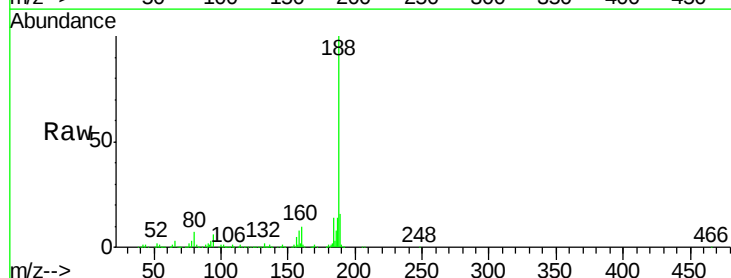
Tgt Ion:188 Resp: 407037

Ion Ratio Lower Upper

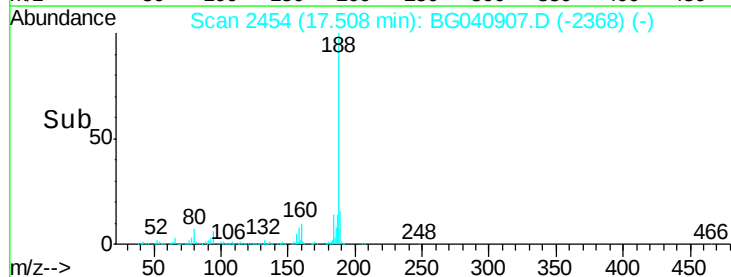
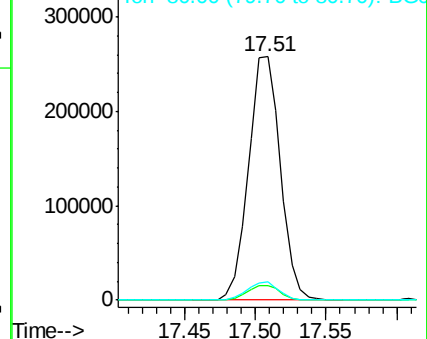
188 100

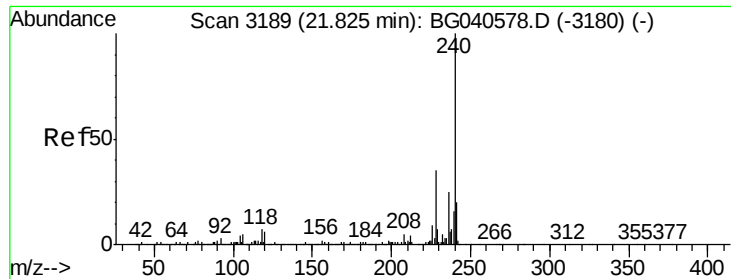
94 5.8 5.6 8.4

80 7.3 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

Instrument :

BNA_G

ClientSampleId :

P026-SS015-1824-02

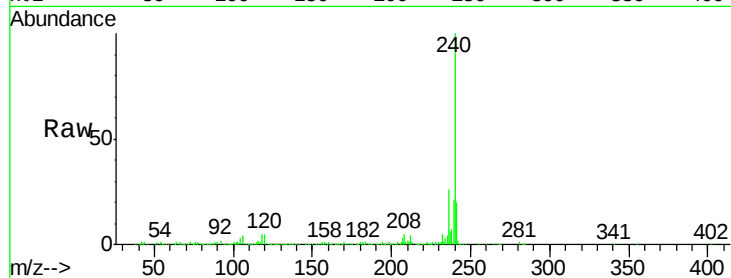
Tgt Ion:240 Resp: 410678

Ion Ratio Lower Upper

240 100

120 4.8 5.0 7.6#

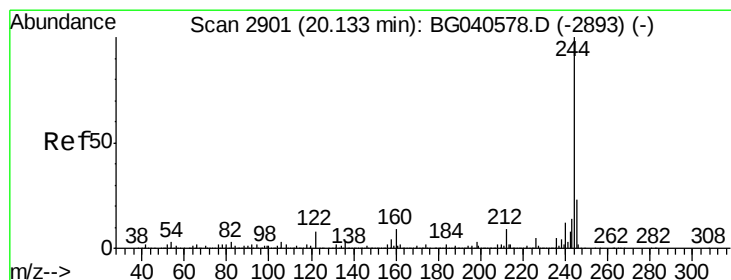
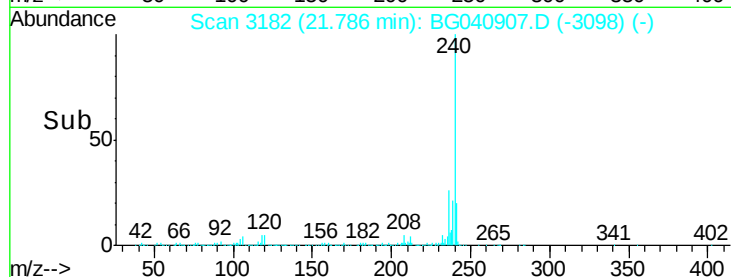
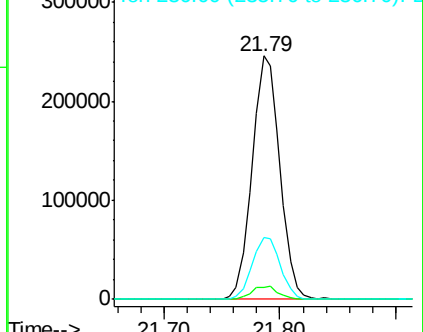
236 25.6 20.3 30.5



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: 74.126 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040907.D

Acq: 12 May 2019 13:32

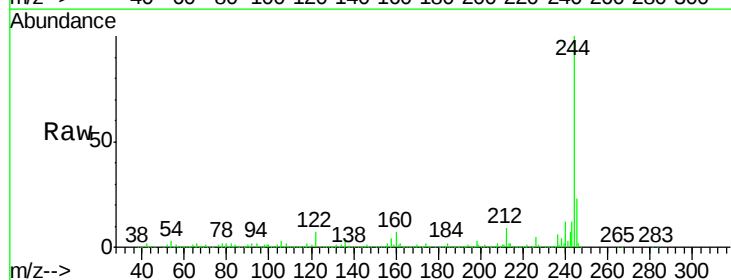
Tgt Ion:244 Resp: 1374088

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

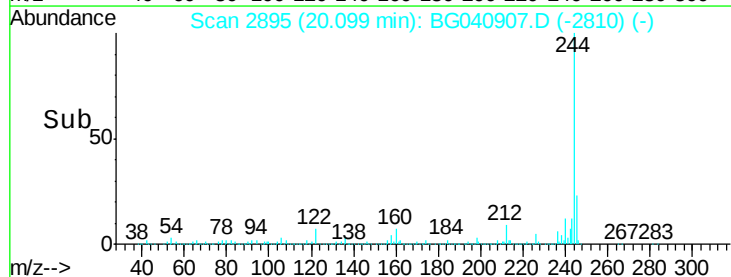
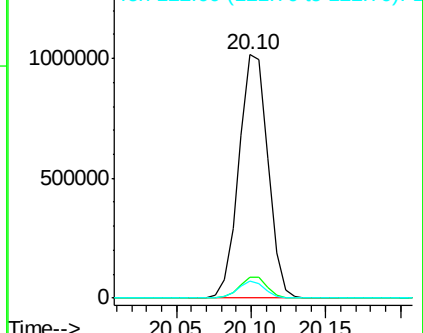
122 7.2 6.6 10.0

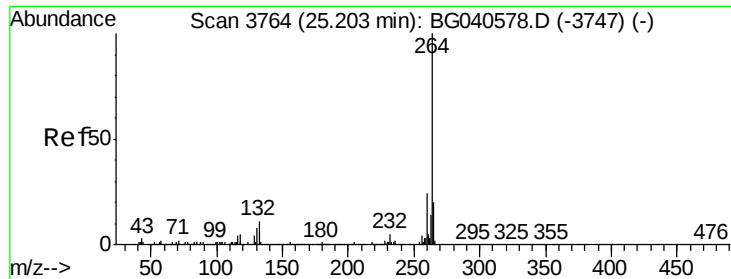


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.13 min Scan# 3752
Delta R.T. -0.07 min
Lab File: BG040907.D
Acq: 12 May 2019 13:32

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	16.6	25.0

