

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040881.D
 Acq On : 11 May 2019 19:51
 Operator : HP/JU
 Sample : K2766-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS008-1218-01

Quant Time: May 13 04:04:02 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

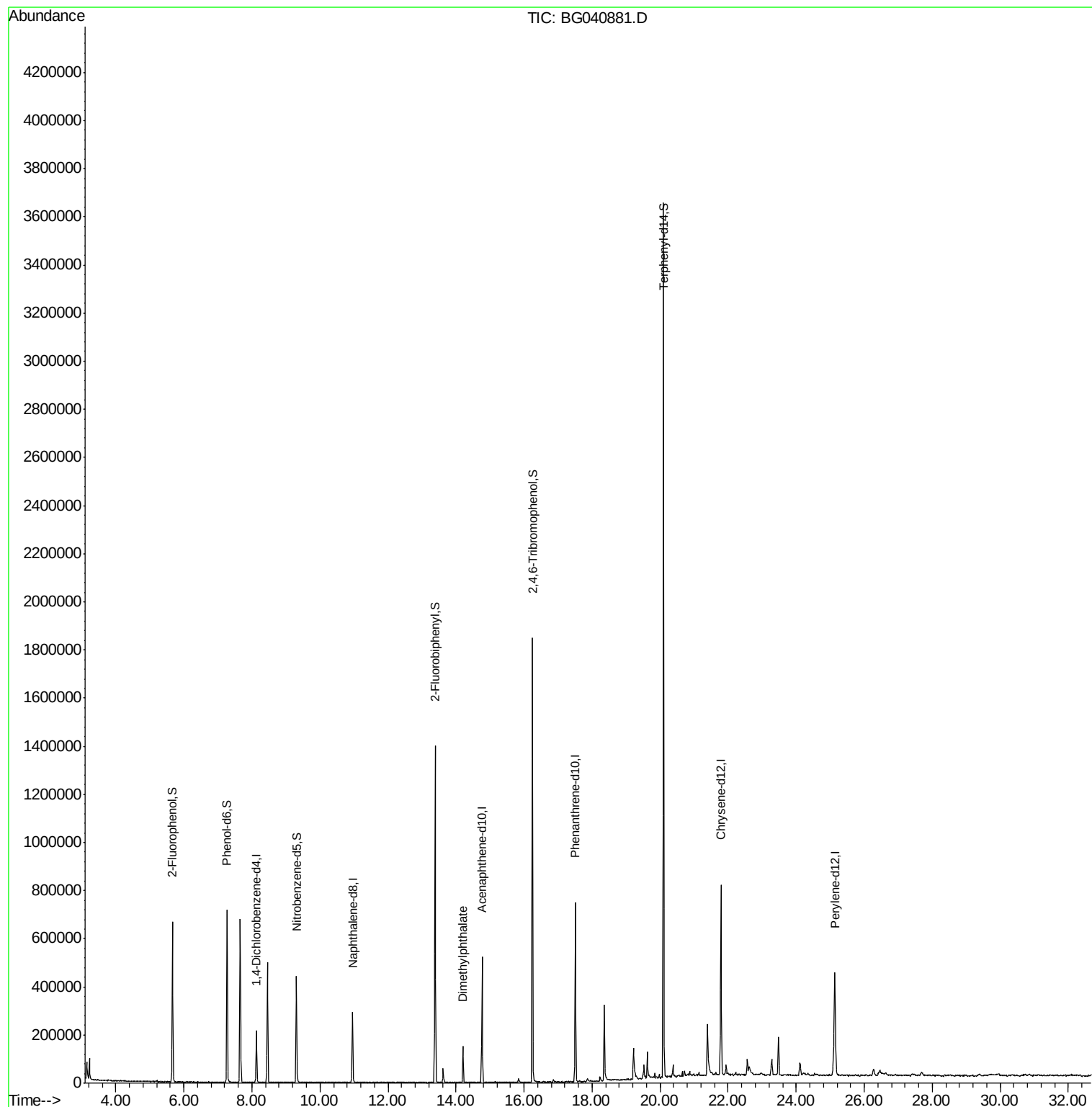
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	54832	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	230551	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	171844	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	464536	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	472676	20.00	ng	-0.04
87) Perylene-d12	25.13	264	501785	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	243999	78.44	ng	-0.02
7) Phenol-d6	7.27	99	367783	76.79	ng	-0.03
23) Nitrobenzene-d5	9.31	82	265372	53.18	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	336987	142.67	ng	-0.02
45) 2-Fluorobiphenyl	13.38	172	698503	58.70	ng	-0.03
79) Terphenyl-d14	20.10	244	1736259	81.38	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.21	163	97602	6.788	ng	Qvalue 98

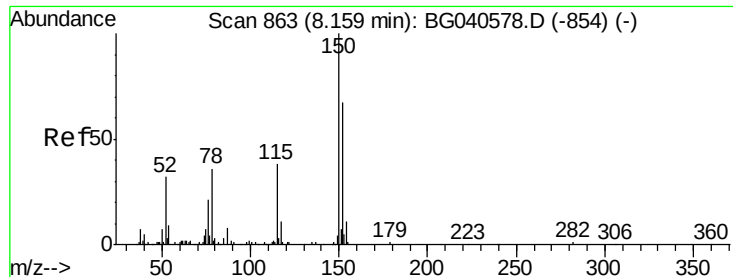
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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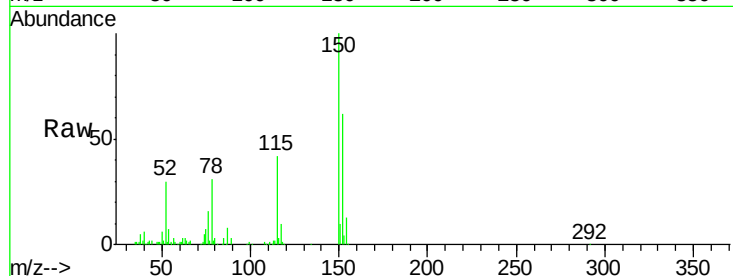


#1

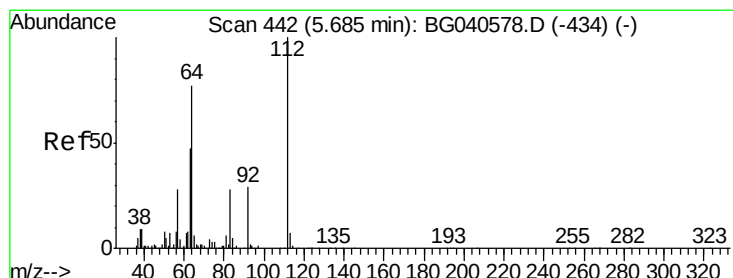
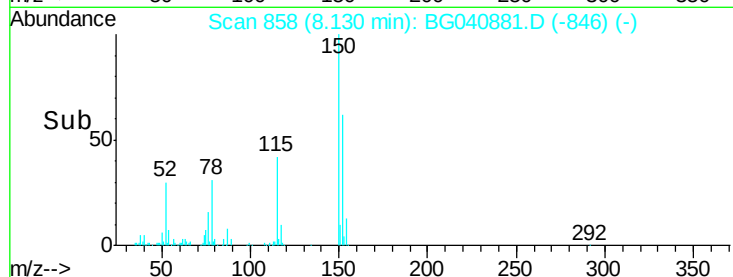
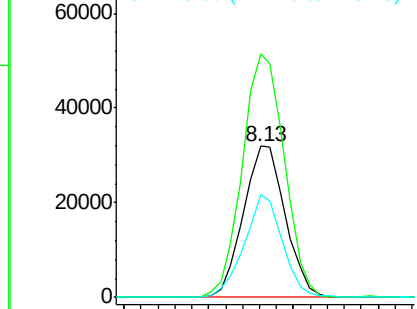
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040881.D
Acq: 11 May 2019 19:51

Instrument :
BNA_G
ClientSampleId :
P026-SS008-1218-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.3	120.2	180.2
115	68.4	46.2	69.2



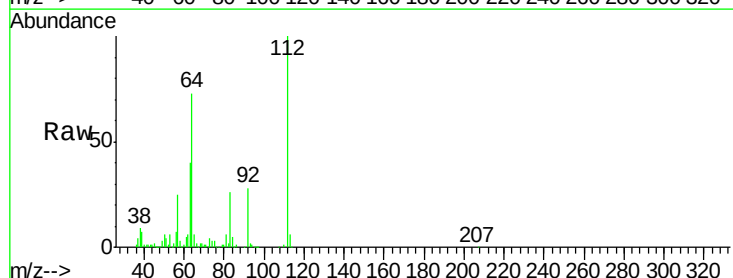
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



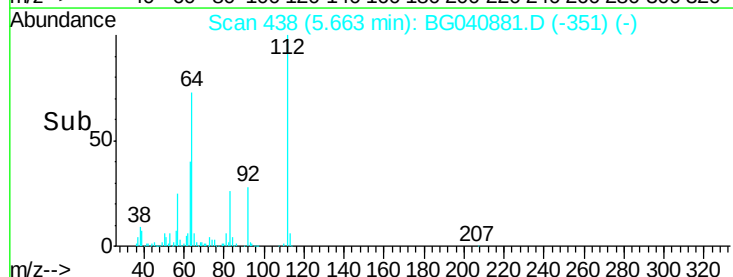
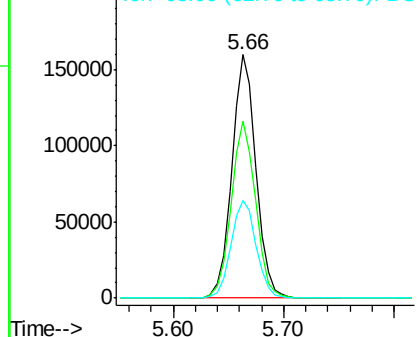
#5

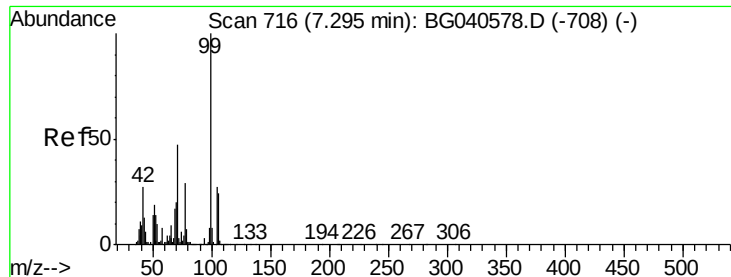
2-Fluorophenol
Concen: 78.442 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040881.D
Acq: 11 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	61.4	92.0
63	40.3	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: 76.791 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040881.D

Acq: 11 May 2019 19:51

Instrument :

BNA_G

ClientSampleId :

P026-SS008-1218-01

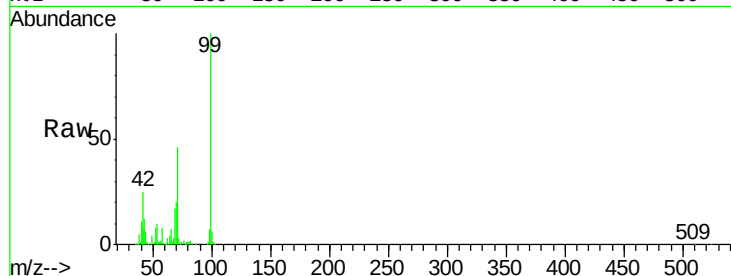
Tgt Ion: 99 Resp: 367783

Ion Ratio Lower Upper

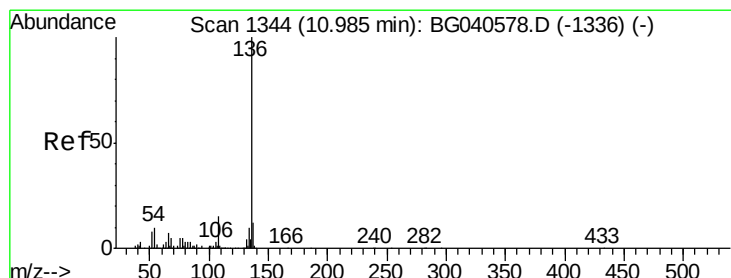
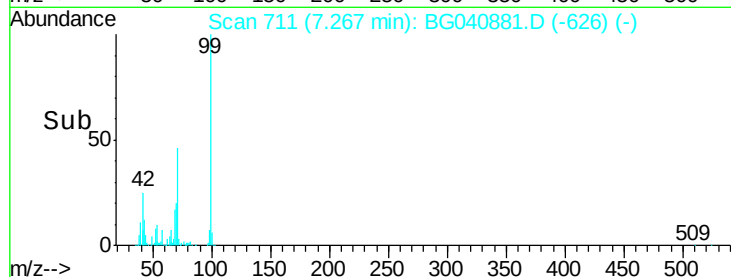
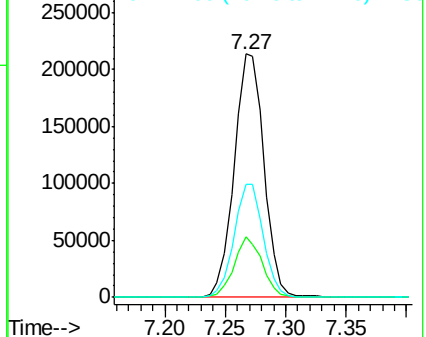
99 100

42 24.9 21.8 32.8

71 46.5 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: BG040881.D

Acq: 11 May 2019 19:51

Tgt Ion: 136 Resp: 230551

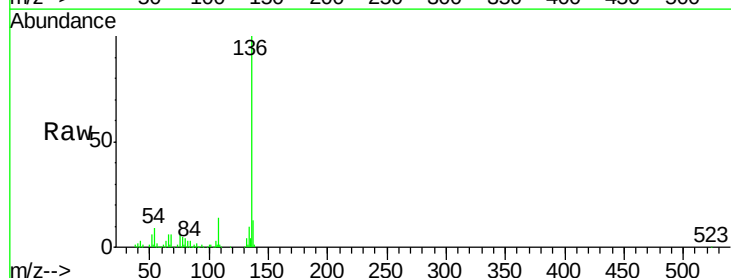
Ion Ratio Lower Upper

136 100

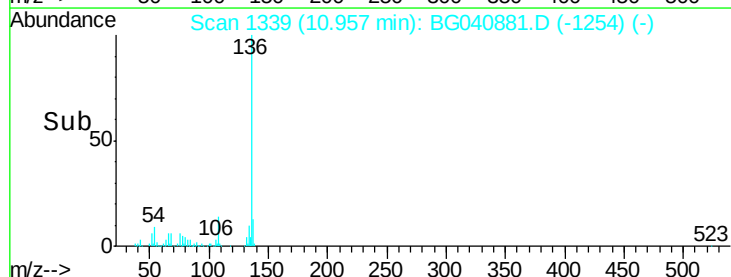
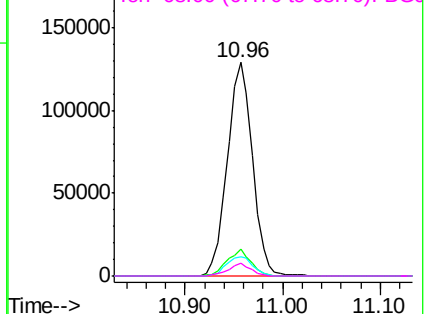
137 12.6 9.7 14.5

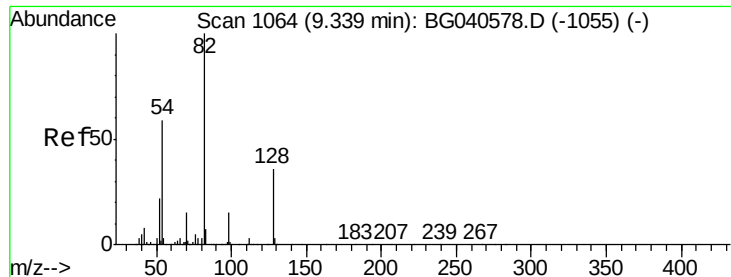
54 9.0 8.6 12.8

68 6.0 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: 53.185 ng

RT: 9.31 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BG040881.D

Acq: 11 May 2019 19:51

Instrument :

BNA_G

ClientSampleId :

P026-SS008-1218-01

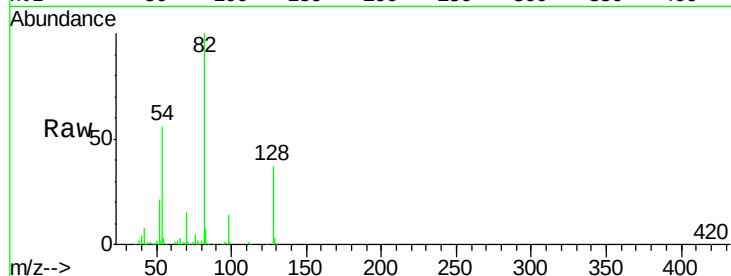
Tgt Ion: 82 Resp: 265372

Ion Ratio Lower Upper

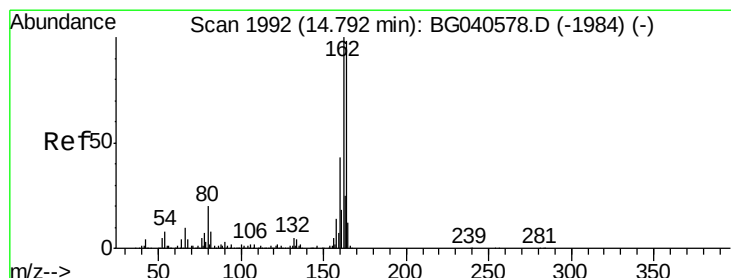
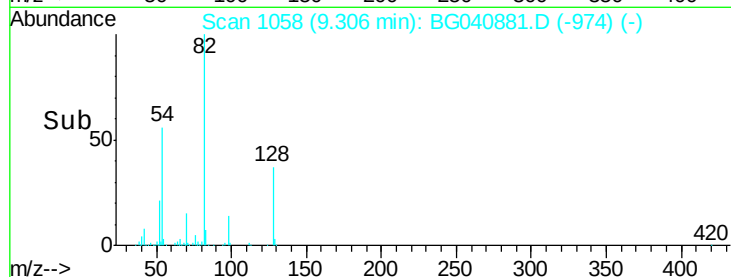
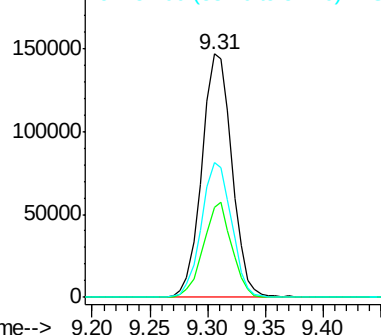
82 100

128 37.1 28.9 43.3

54 55.6 47.2 70.8



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: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040881.D

Acq: 11 May 2019 19:51

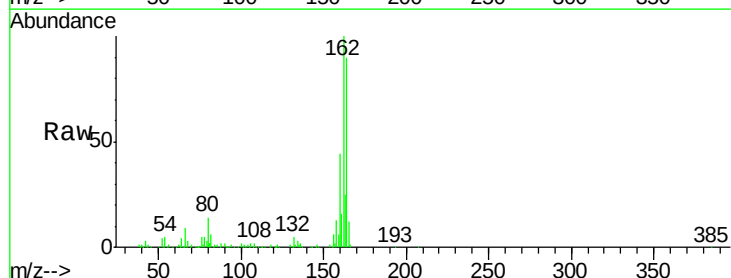
Tgt Ion: 164 Resp: 171844

Ion Ratio Lower Upper

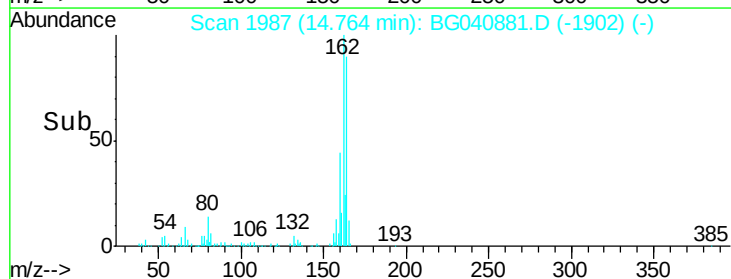
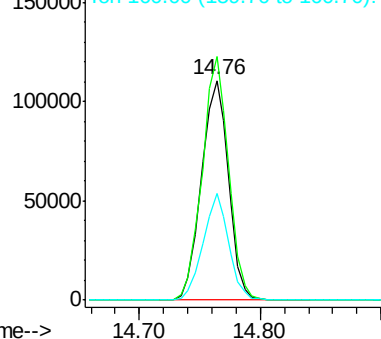
164 100

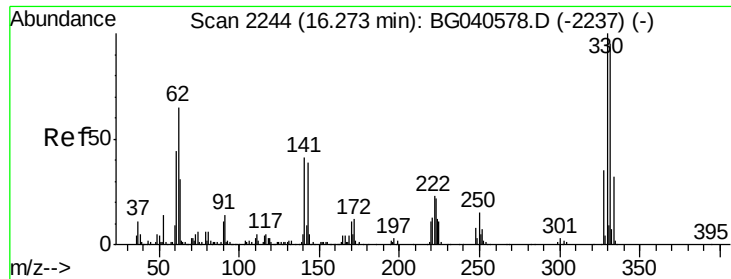
162 110.9 81.9 122.9

160 48.6 35.4 53.2



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

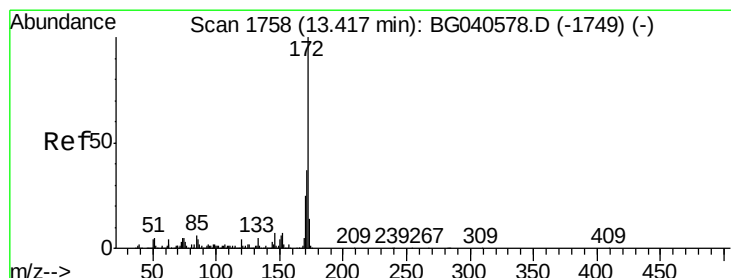
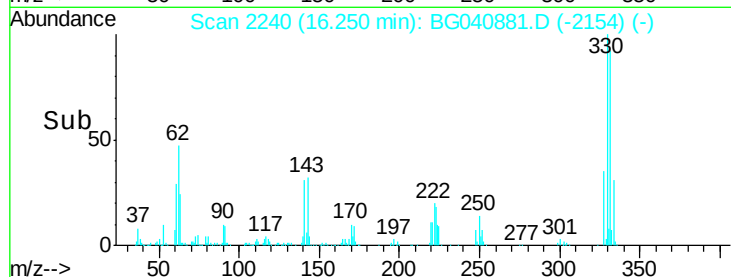
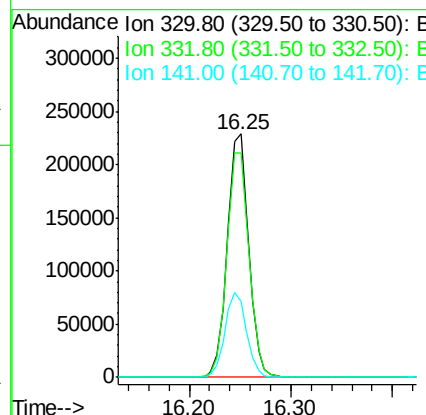
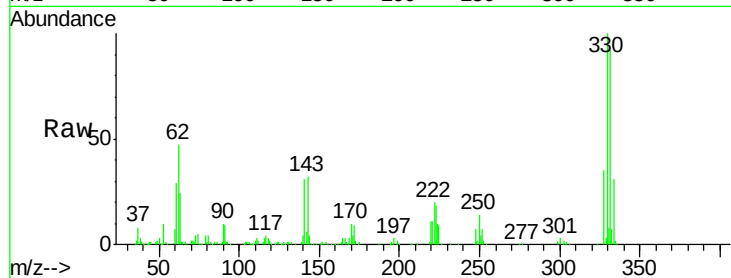




#42
 2,4,6-Tribromophenol
 Concen: 142.668 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040881.D
 Acq: 11 May 2019 19:51

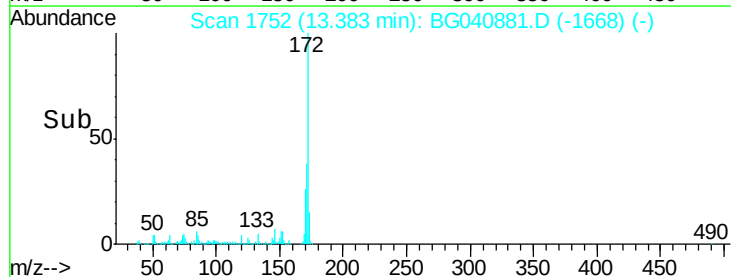
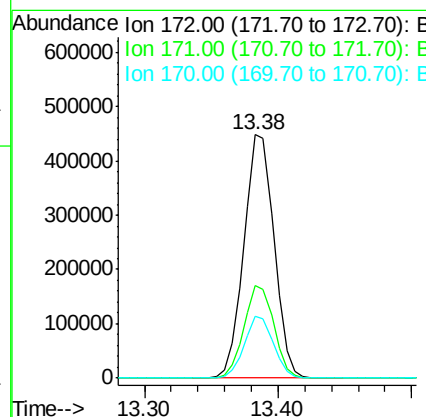
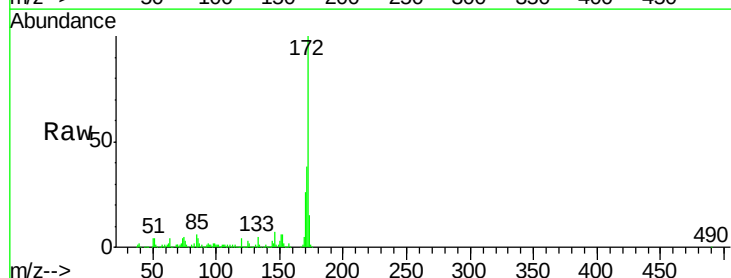
Instrument :
 BNA_G
 ClientSampleId :
 P026-SS008-1218-01

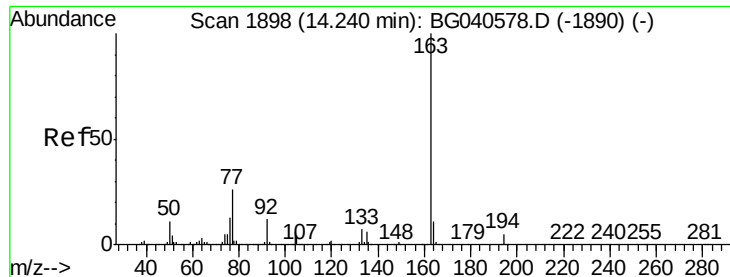
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.9	113.9
141	35.1	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 58.703 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040881.D
 Acq: 11 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.4	44.2
170	25.5	19.9	29.9





#50

Dimethylphthalate

Concen: 6.788 ng

RT: 14.21 min Scan# 1892

Delta R.T. -0.03 min

Lab File: BG040881.D

Acq: 11 May 2019 19:51

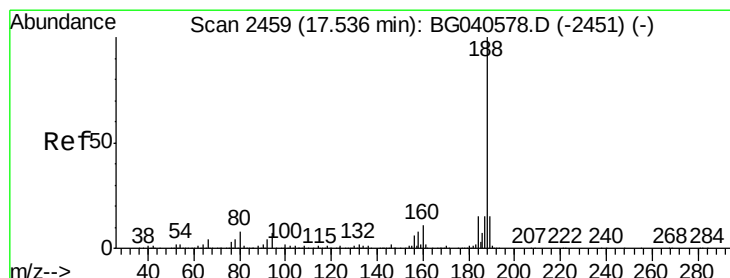
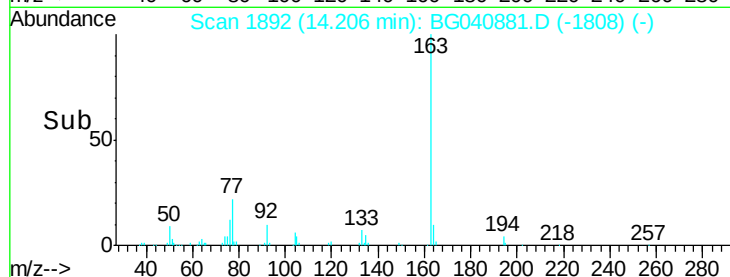
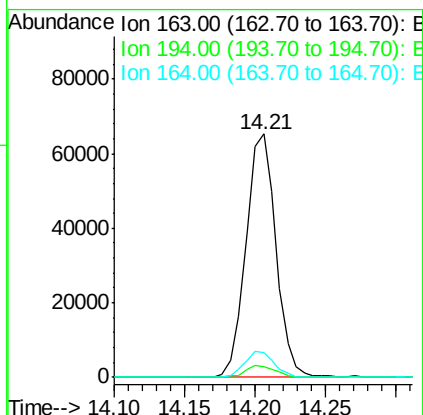
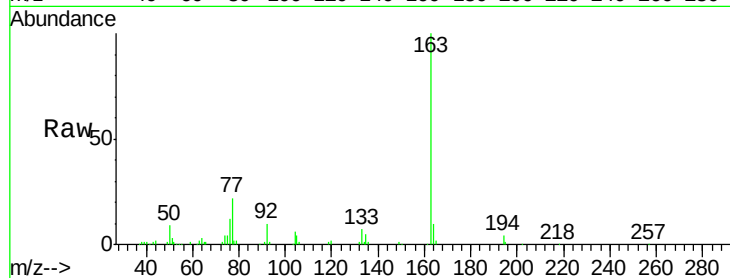
Instrument :

BNA_G

ClientSampleId :

P026-SS008-1218-01

Tgt Ion:	163	Resp:	97602
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.8
164	10.3	8.8	13.2



#64

Phenanthrene-d10

Concen: 20.000 ng

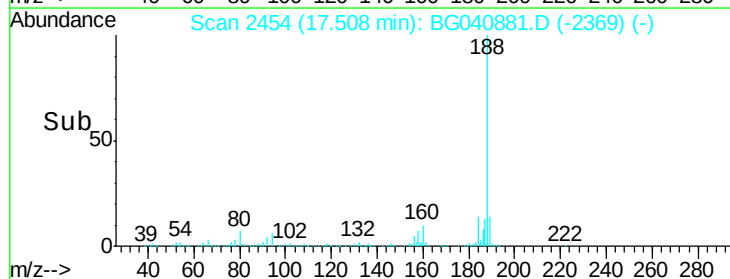
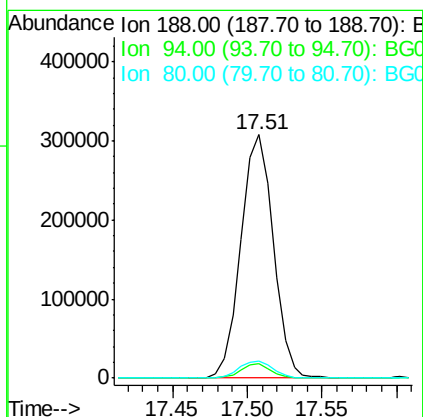
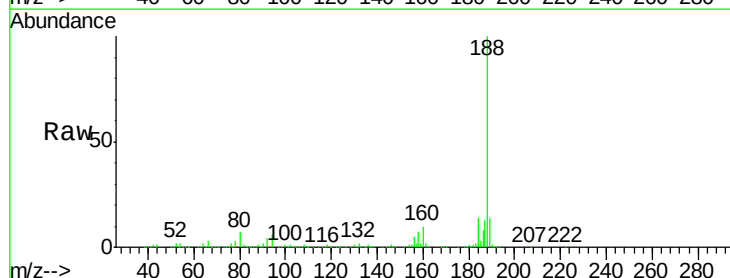
RT: 17.51 min Scan# 2454

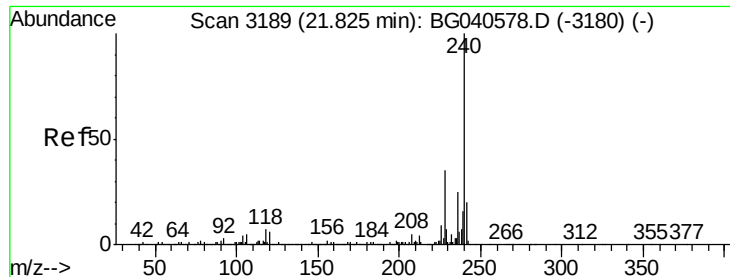
Delta R.T. -0.03 min

Lab File: BG040881.D

Acq: 11 May 2019 19:51

Tgt Ion:	188	Resp:	464536
Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.6	8.4
80	7.1	6.4	9.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040881.D

Acq: 11 May 2019 19:51

Instrument :

BNA_G

ClientSampleId :

P026-SS008-1218-01

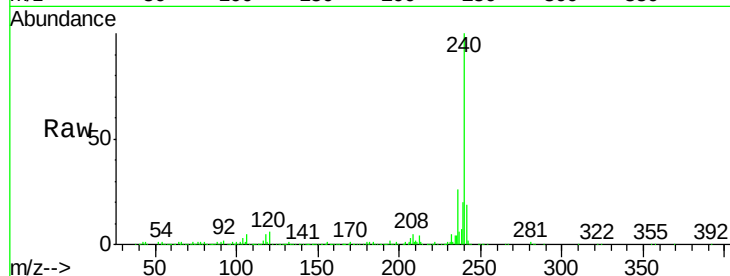
Tgt Ion:240 Resp: 472676

Ion Ratio Lower Upper

240 100

120 5.7 5.0 7.6

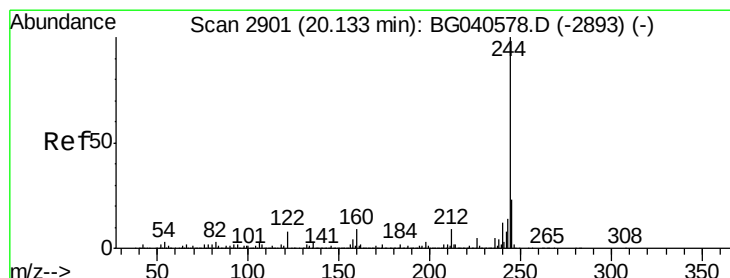
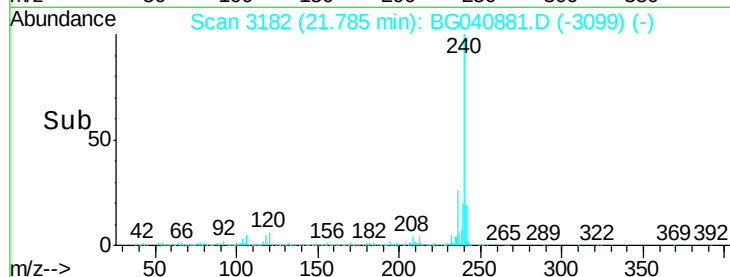
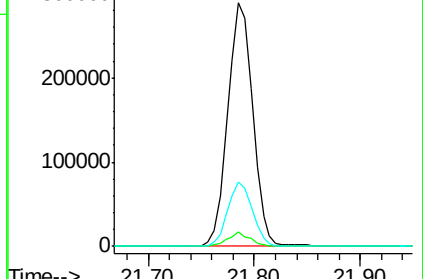
236 26.3 20.3 30.5



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: 81.378 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040881.D

Acq: 11 May 2019 19:51

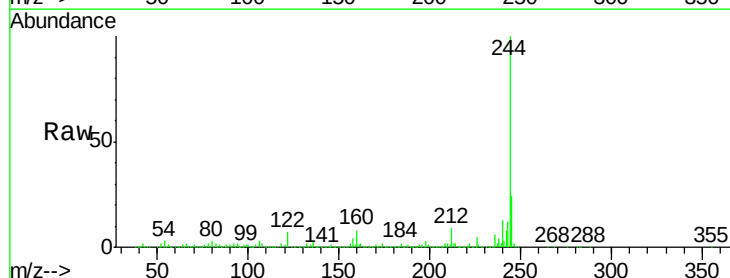
Tgt Ion:244 Resp: 1736259

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

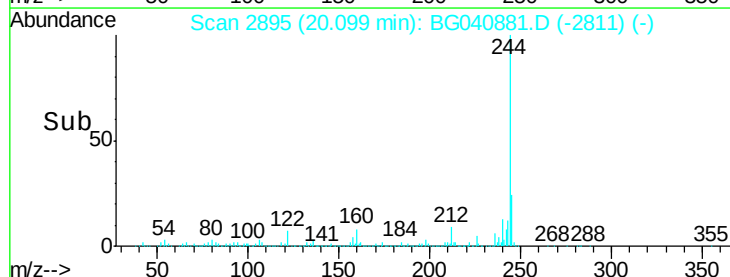
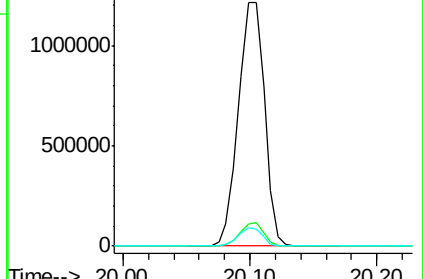
122 7.4 6.6 10.0

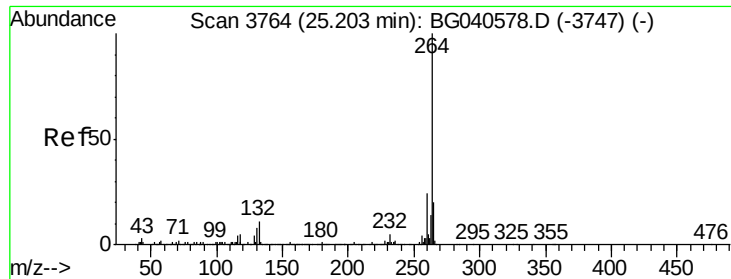


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3751
Delta R.T. -0.08 min
Lab File: BG040881.D
Acq: 11 May 2019 19:51

Instrument :
BNA_G
ClientSampleId :
P026-SS008-1218-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.6	16.6	25.0

