

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041012.D
 Acq On : 1 Jun 2019 14:54
 Operator : HP/JU
 Sample : K3040-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0444-FIELD-BLANK-1

Quant Time: Jun 03 03:43:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	59760	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	240975	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	173774	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	426878	20.00	ng	0.00
76) Chrysene-d12	21.77	240	436753	20.00	ng	-0.01
87) Perylene-d12	25.12	264	454099	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	202857	61.21	ng	0.00
7) Phenol-d6	7.26	99	185515	36.25	ng	0.00
23) Nitrobenzene-d5	9.30	82	485346	89.41	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	340114	131.84	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1077869	89.33	ng	0.00
79) Terphenyl-d14	20.09	244	1844713	89.64	ng	0.00

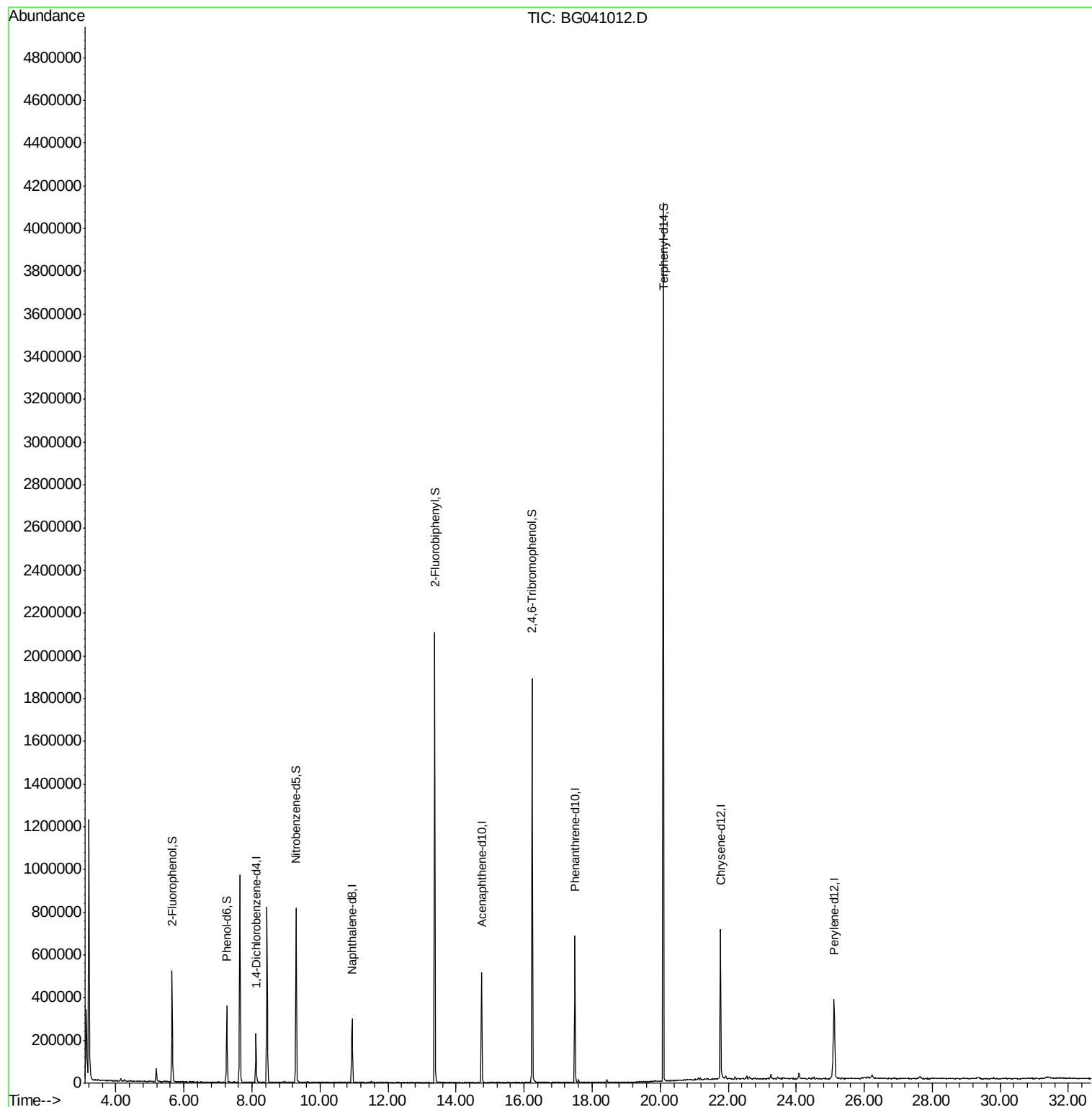
Target Compounds Qvalue

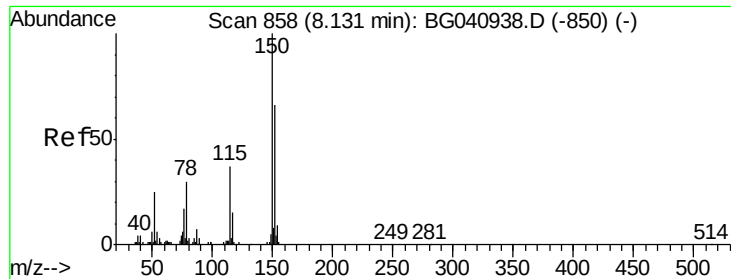
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 1 Jun 2019 14:54
Operator : HP/JU
Sample : K3040-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0444-FIELD-BLANK-1

Quant Time: Jun 03 03:43:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



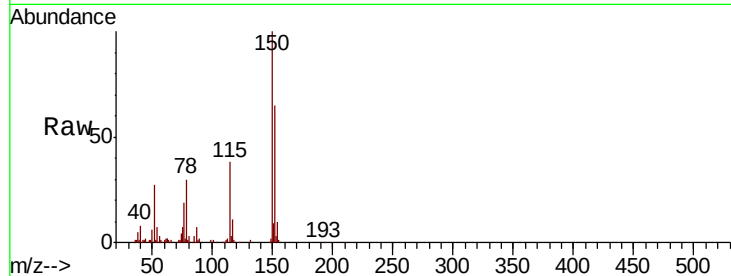


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041012.D
Acq: 1 Jun 2019 14:54

Instrument :
BNA_G
ClientSampleId :
0444-FIELD-BLANK-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	120.6	180.8
115	58.7	45.1	67.7

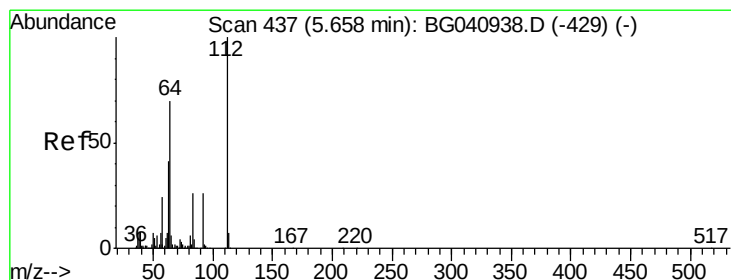
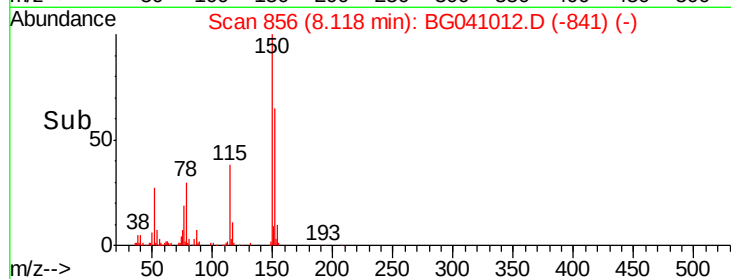
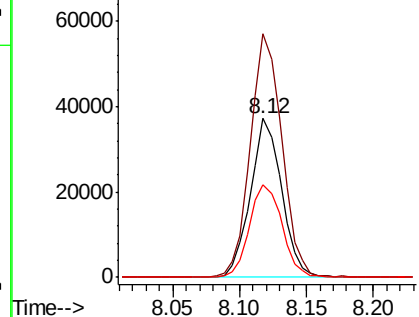


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

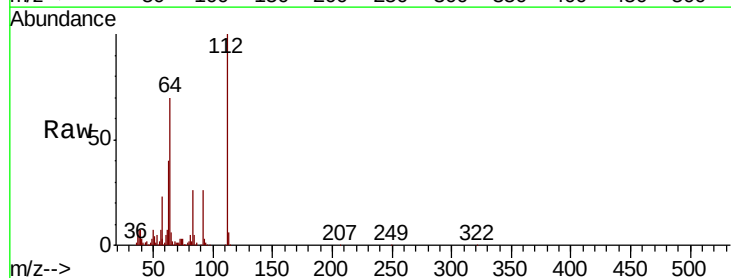
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.211 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041012.D
Acq: 1 Jun 2019 14:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.2	84.2
63	40.2	32.8	49.2

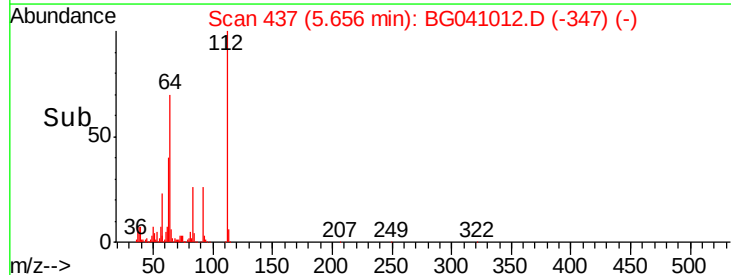
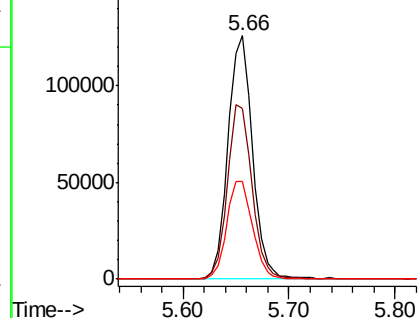


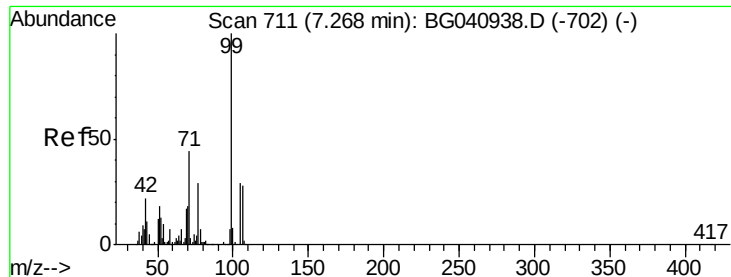
Abundance

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: 36.246 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041012.D

Acq: 1 Jun 2019 14:54

Instrument :

BNA_G

ClientSampleId :

0444-FIELD-BLANK-1

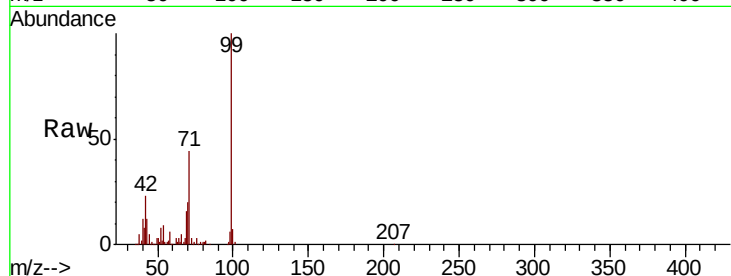
Tot Ion: 99 Resp: 185515

Ion Ratio Lower Upper

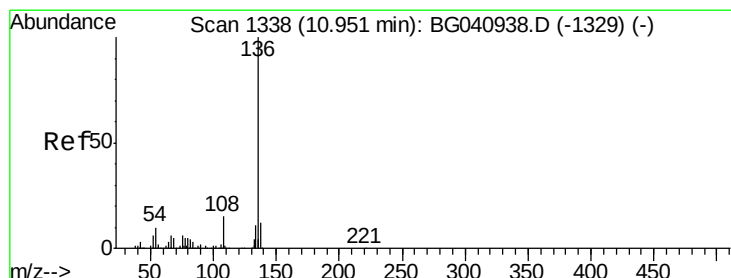
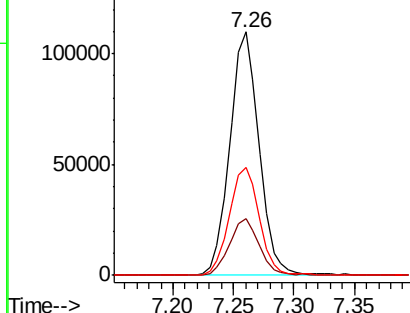
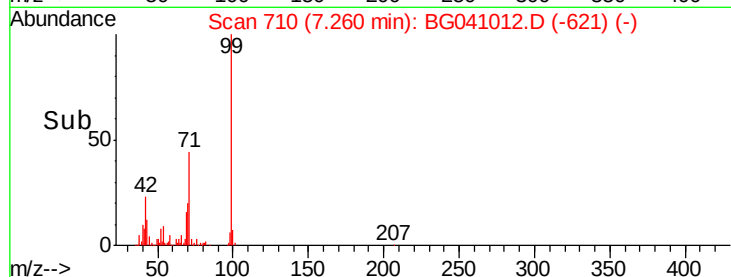
99 100

42 23.3 17.9 26.9

71 44.5 35.4 53.0



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: 10.94 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BG041012.D

Acq: 1 Jun 2019 14:54

Tgt Ion: 136 Resp: 240975

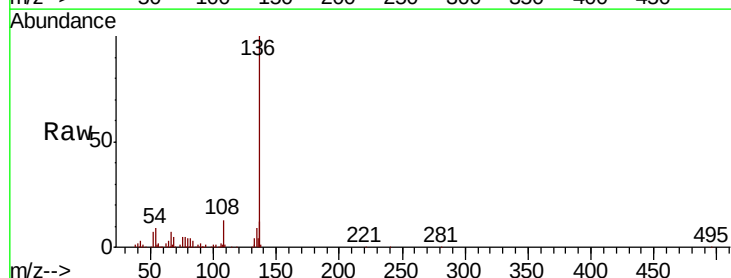
Ion Ratio Lower Upper

136 100

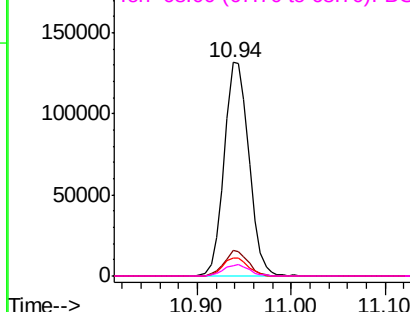
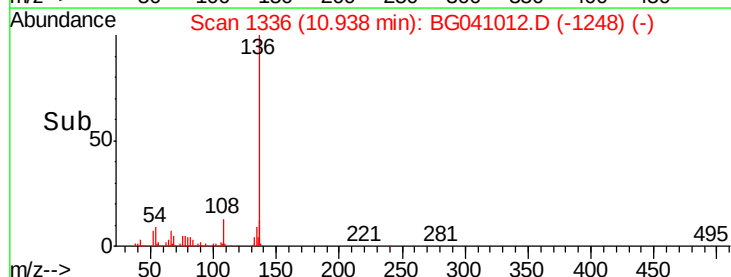
137 12.3 9.5 14.3

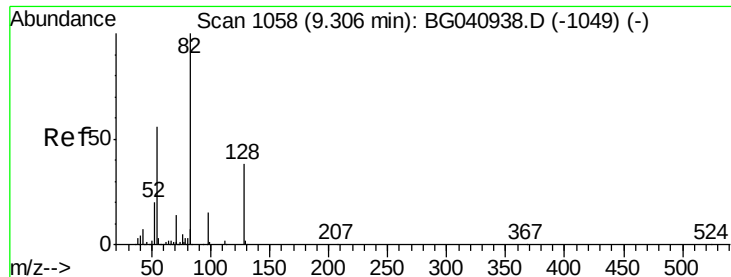
54 8.7 7.6 11.4

68 4.8 3.9 5.9



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

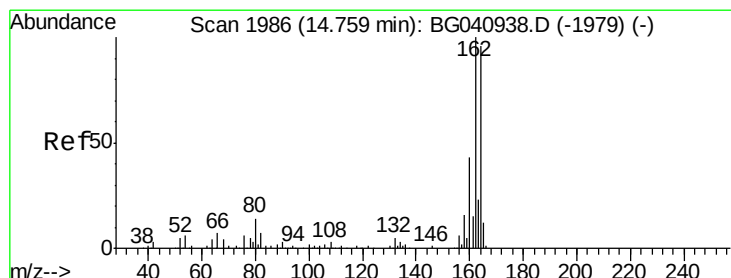
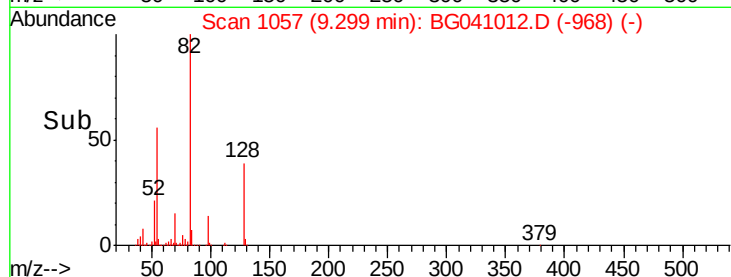
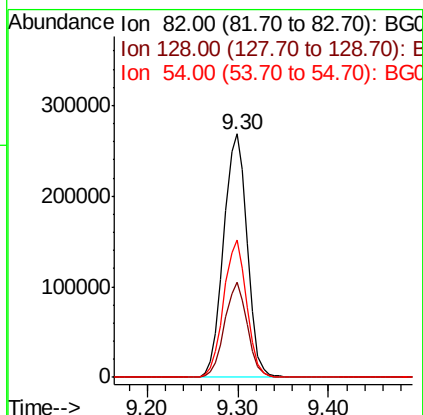
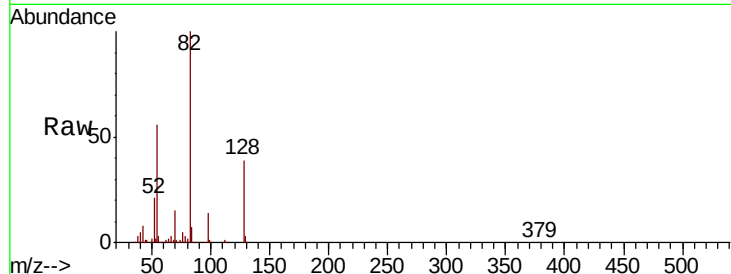




#23
Nitrobenzene-d5
Concen: 89.413 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041012.D
Acq: 1 Jun 2019 14:54

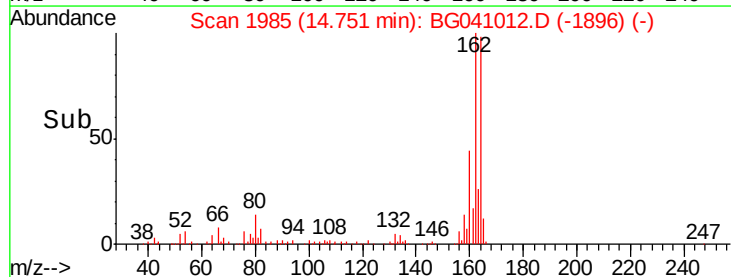
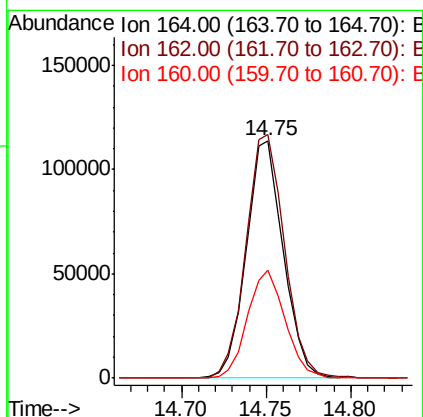
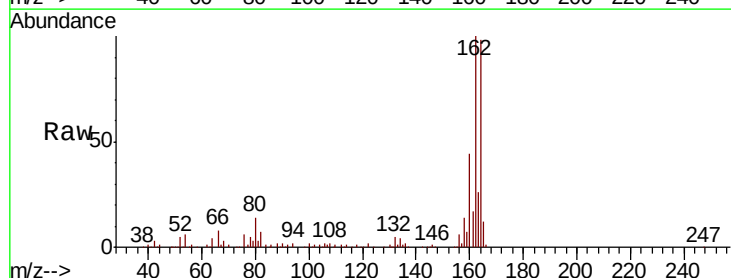
Instrument :
BNA_G
ClientSampleId :
0444-FIELD-BLANK-1

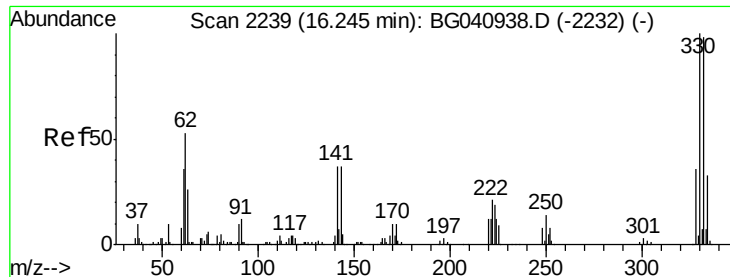
Tot Ion	82	Resp	485346
Ion Ratio	100	Lower	Upper
128	39.1	30.5	45.7
54	56.3	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041012.D
Acq: 1 Jun 2019 14:54

Tgt Ion	164	Resp	173774
Ion Ratio	100	Lower	Upper
162	102.4	83.0	124.4
160	45.5	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 131.838 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041012.D

Acq: 1 Jun 2019 14:54

Instrument :

BNA_G

ClientSampleId :

0444-FIELD-BLANK-1

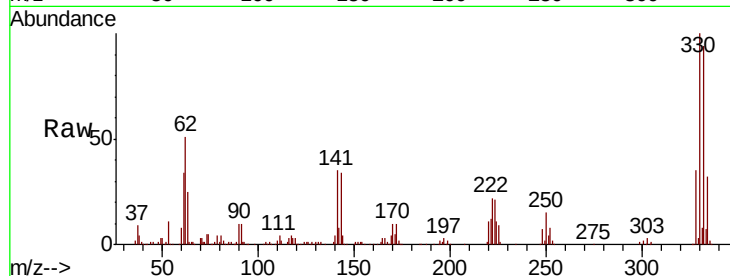
Tot Ion:330 Resp: 340114

Ion Ratio Lower Upper

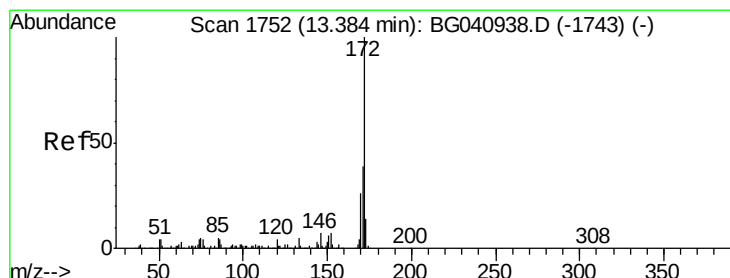
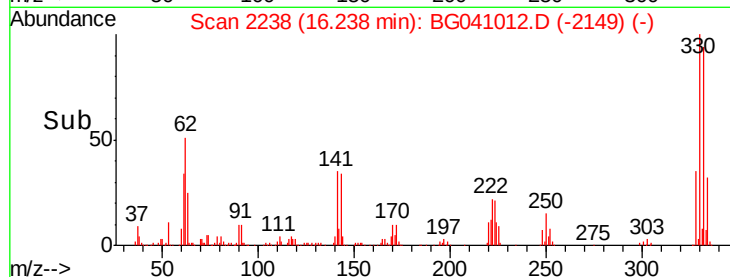
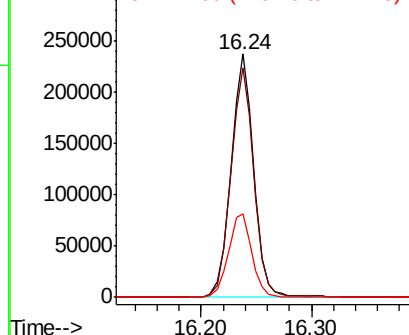
330 100

332 96.0 78.5 117.7

141 35.5 28.7 43.1



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: 89.326 ng

RT: 13.38 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BG041012.D

Acq: 1 Jun 2019 14:54

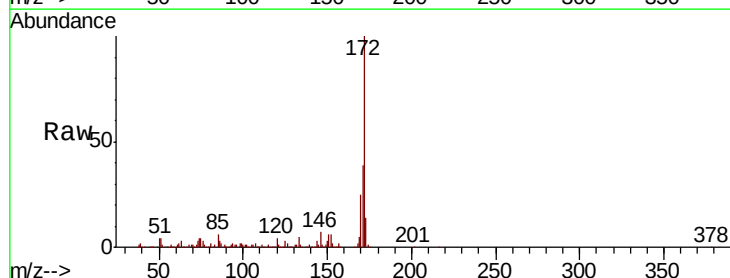
Tgt Ion:172 Resp: 1077869

Ion Ratio Lower Upper

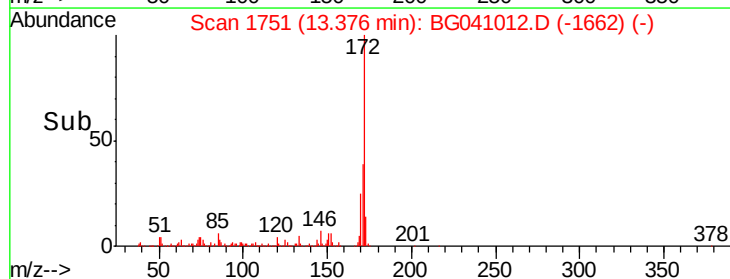
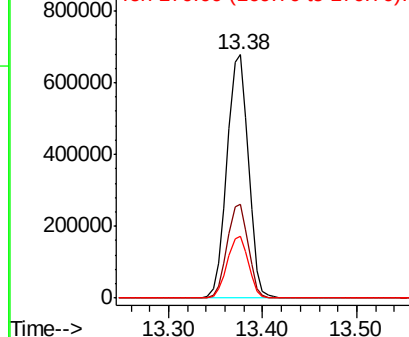
172 100

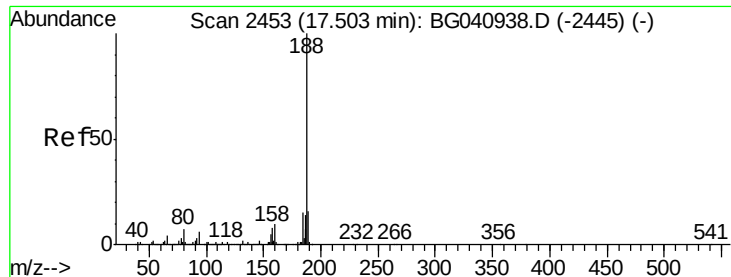
171 38.5 31.1 46.7

170 25.3 20.5 30.7



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

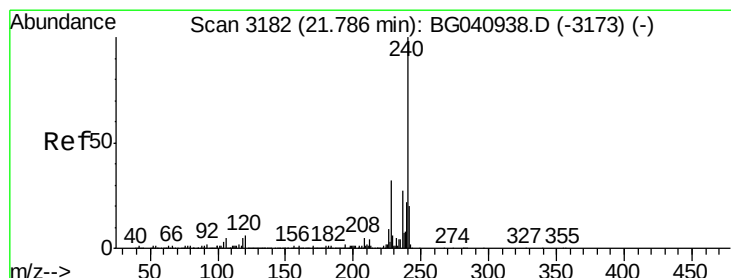
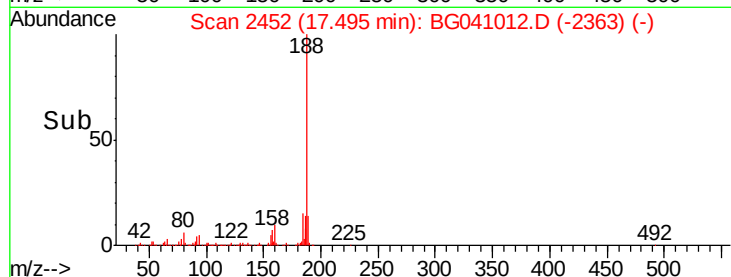
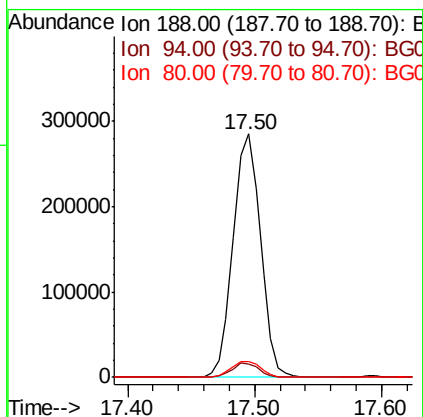
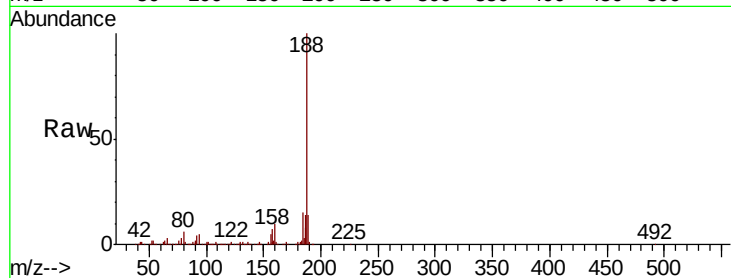




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041012.D
Acq: 1 Jun 2019 14:54

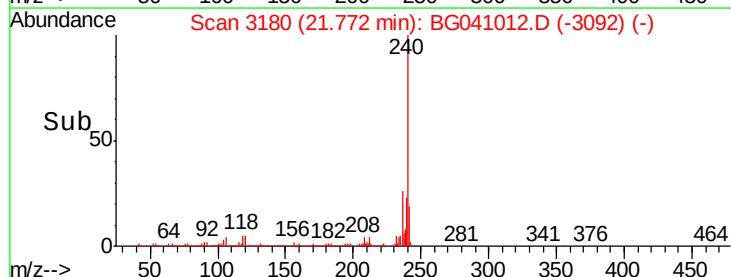
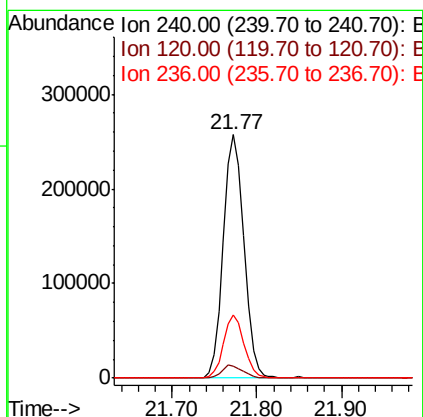
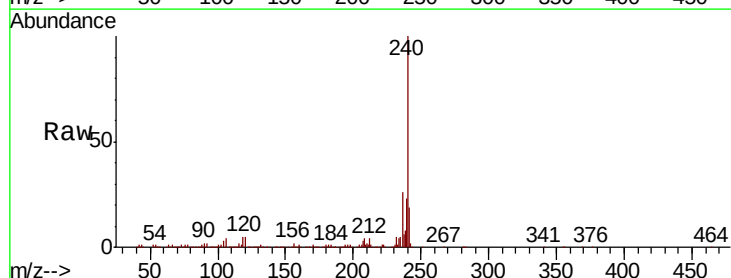
Instrument :
BNA_G
ClientSampleId :
0444-FIELD-BLANK-1

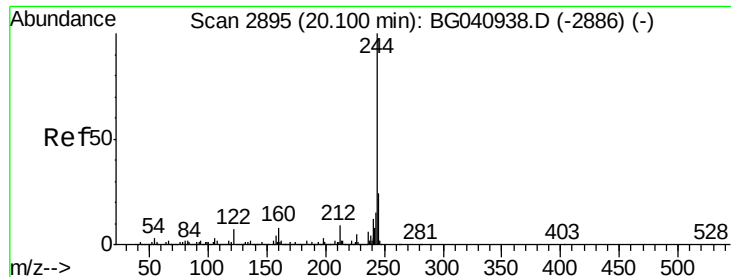
Tot Ion:188 Resp: 426878
Ion Ratio Lower Upper
188 100
94 5.4 4.7 7.1
80 6.5 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041012.D
Acq: 1 Jun 2019 14:54

Tgt Ion:240 Resp: 436753
Ion Ratio Lower Upper
240 100
120 4.7 4.5 6.7
236 25.9 21.3 31.9





#79

Terphenyl-d14

Concen: 89.641 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041012.D

Acq: 1 Jun 2019 14:54

Instrument :

BNA_G

ClientSampleId :

0444-FIELD-BLANK-1

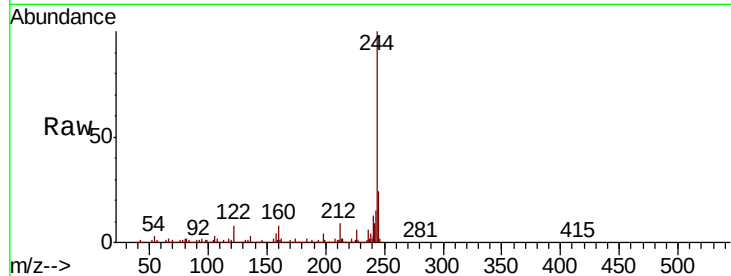
Tot Ion:244 Resp: 1844713

Ion Ratio Lower Upper

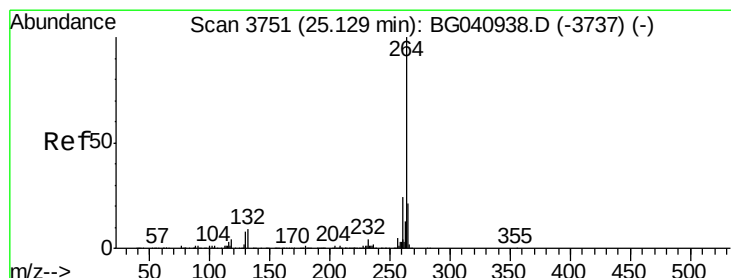
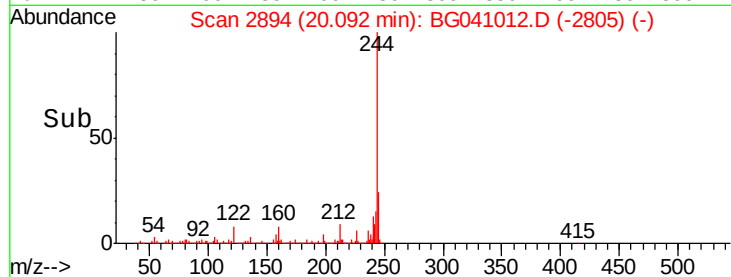
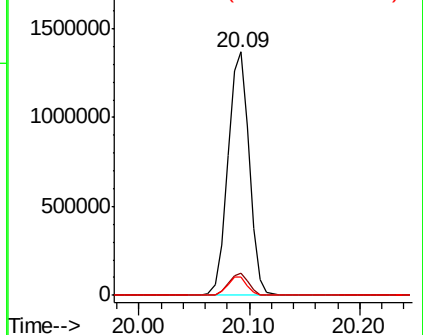
244 100

212 9.3 7.0 10.4

122 7.6 5.4 8.0



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: 25.12 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG041012.D

Acq: 1 Jun 2019 14:54

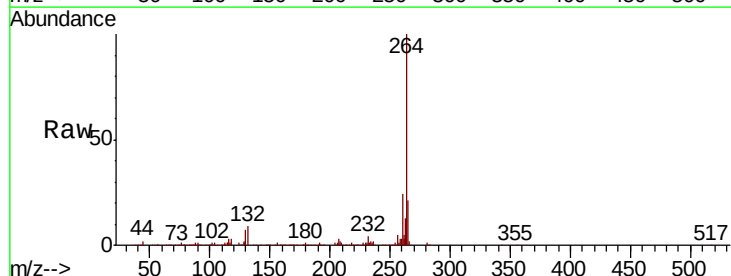
Tgt Ion:264 Resp: 454099

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.0 17.0 25.4



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

