

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043612.D
 Acq On : 12 Nov 2019 15:22
 Operator : JU
 Sample : K5676-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-110819

Quant Time: Nov 12 16:07:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30021	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	113174	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	83411	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	205384	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	229638	20.00	ng	-0.01
87) Perylene-d12	24.83	264	255833	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	228018	139.18	ng	0.00
7) Phenol-d6	7.21	99	300546	127.51	ng	0.00
23) Nitrobenzene-d5	9.16	82	189018	86.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	195057	122.88	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	507711	84.11	ng	-0.01
79) Terphenyl-d14	19.98	244	1099840	89.85	ng	-0.01

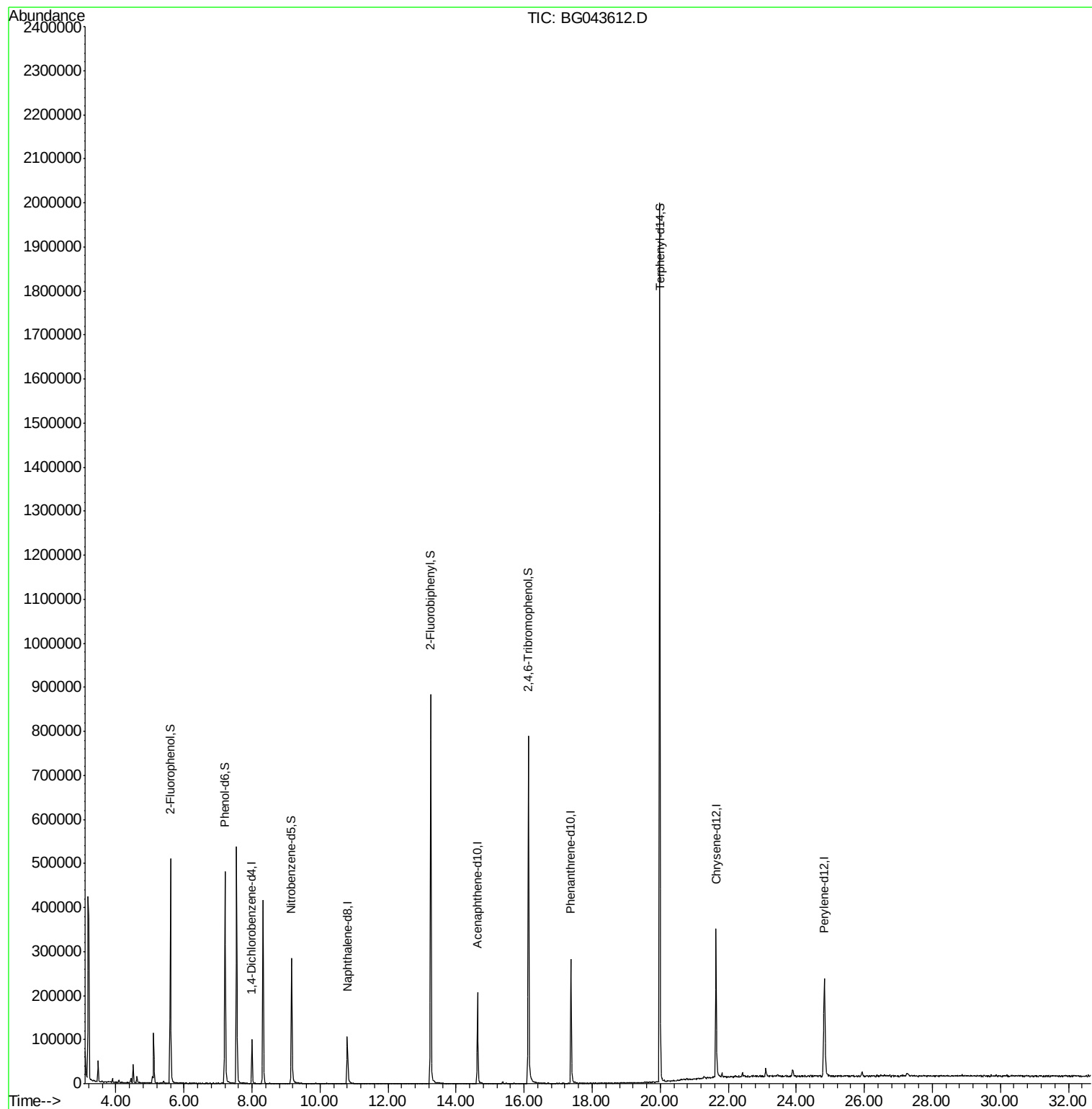
Target Compounds Qvalue

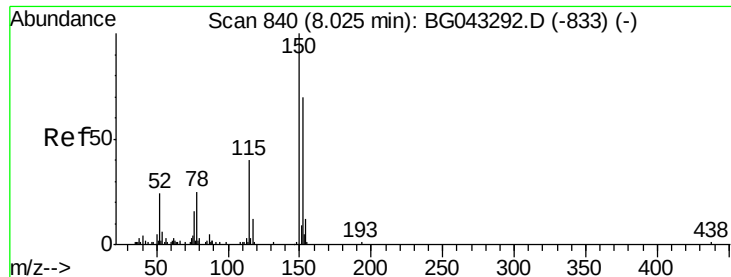
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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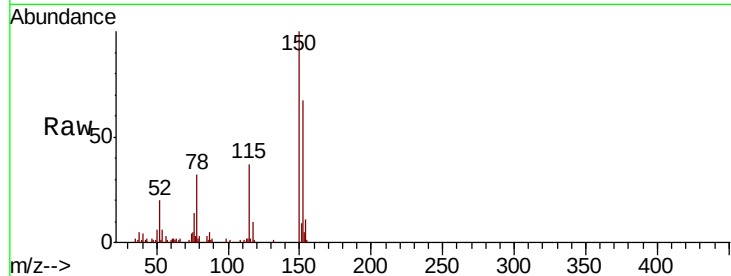


#1

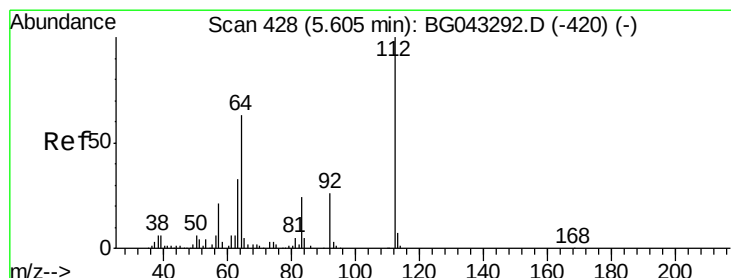
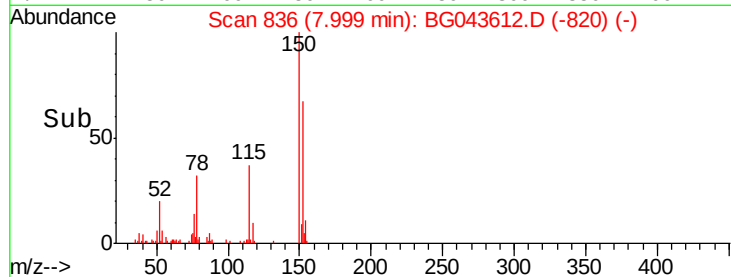
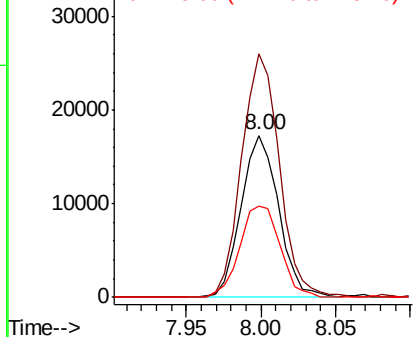
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Instrument :
BNA_G
ClientSampleId :
SU-03-110819

Tot Ion:152 Resp: 30021
Ion Ratio Lower Upper
152 100
150 150.3 129.4 194.0
115 56.3 48.8 73.2



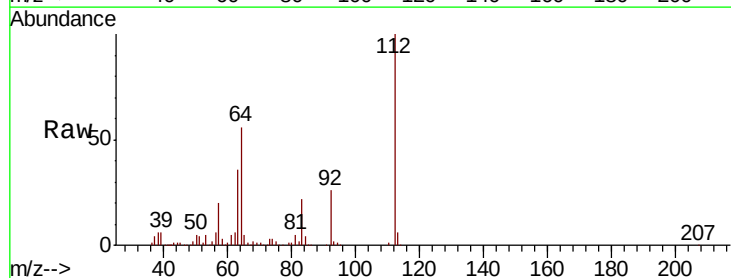
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



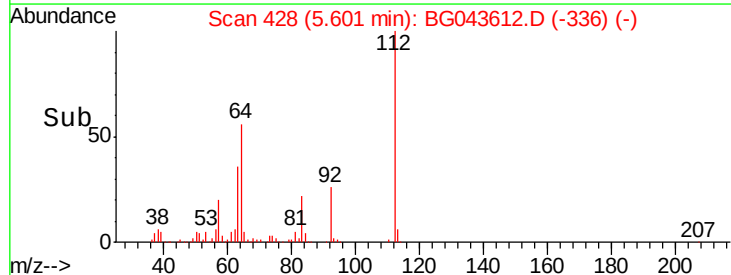
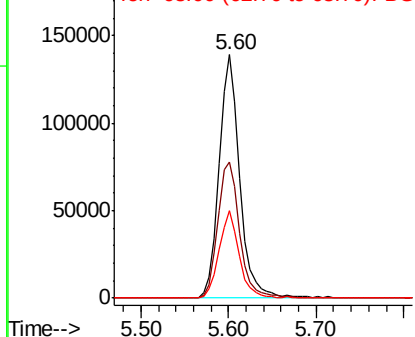
#5

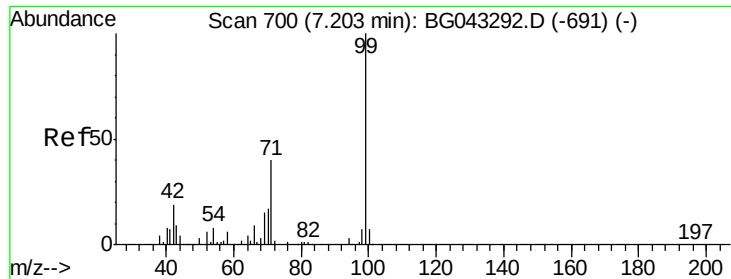
2-Fluorophenol
Concen: 139.180 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Tgt Ion:112 Resp: 228018
Ion Ratio Lower Upper
112 100
64 55.7 50.0 75.0
63 35.8 26.6 40.0



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: 127.505 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043612.D

Acq: 12 Nov 2019 15:22

Instrument :

BNA_G

ClientSampleId :

SU-03-110819

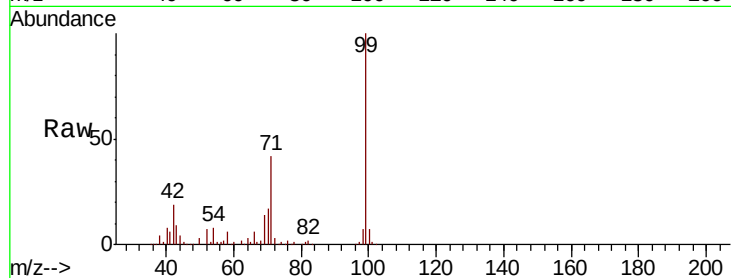
Tot Ion: 99 Resp: 300546

Ion Ratio Lower Upper

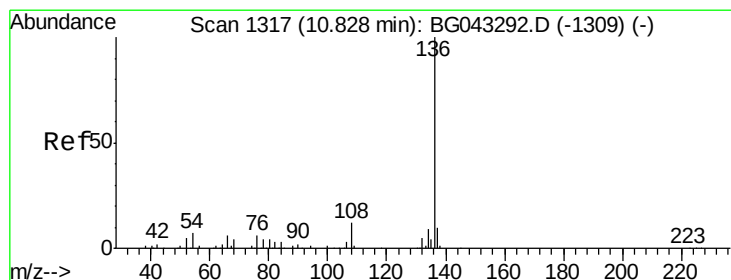
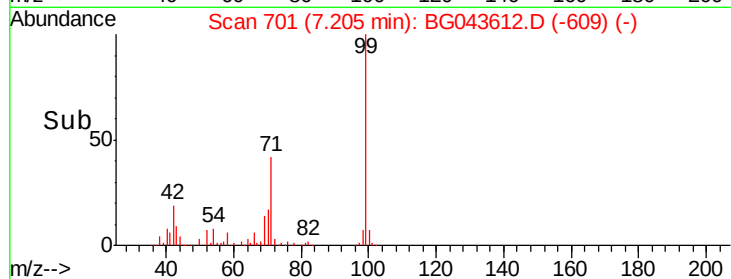
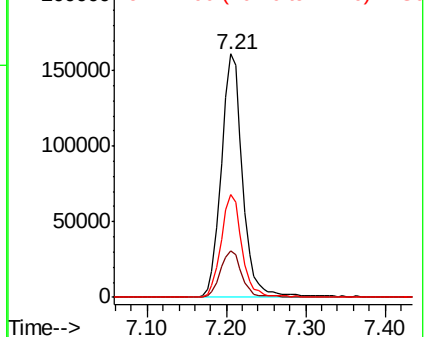
99 100

42 19.3 14.6 21.8

71 42.0 32.5 48.7



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: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043612.D

Acq: 12 Nov 2019 15:22

Tgt Ion: 136 Resp: 113174

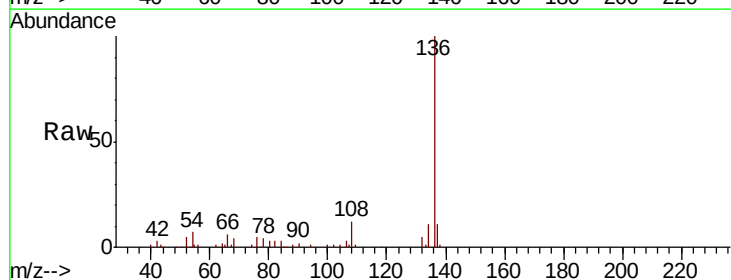
Ion Ratio Lower Upper

136 100

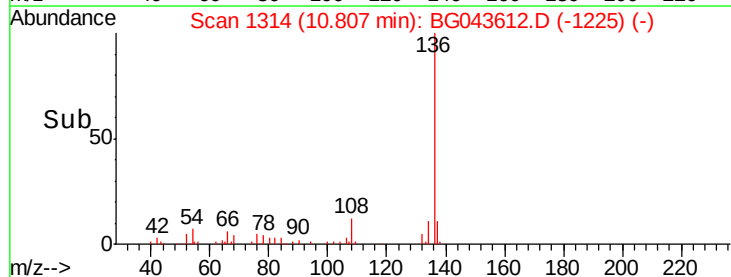
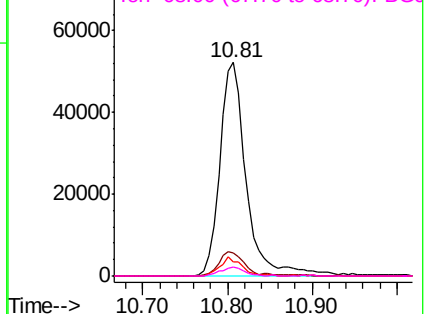
137 10.7 8.7 13.1

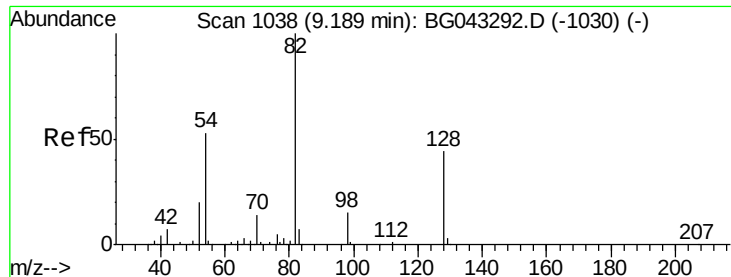
54 6.8 5.4 8.2

68 4.3 3.0 4.4



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

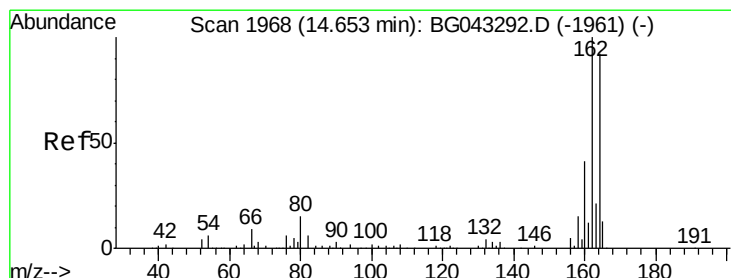
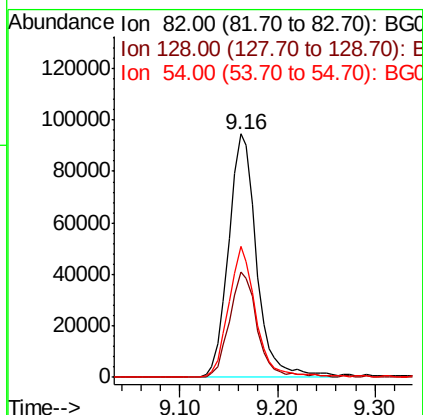
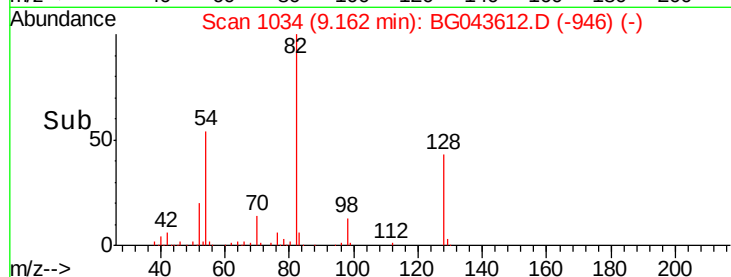
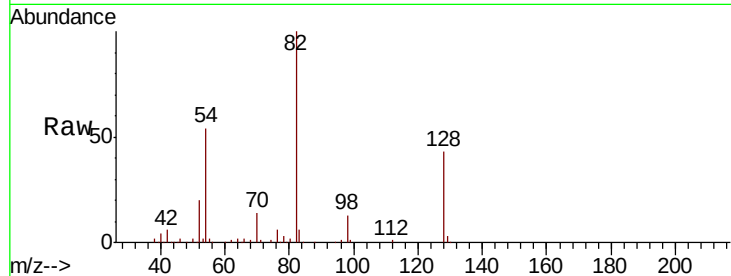




#23
 Nitrobenzene-d5
 Concen: 86.104 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG043612.D
 Acq: 12 Nov 2019 15:22

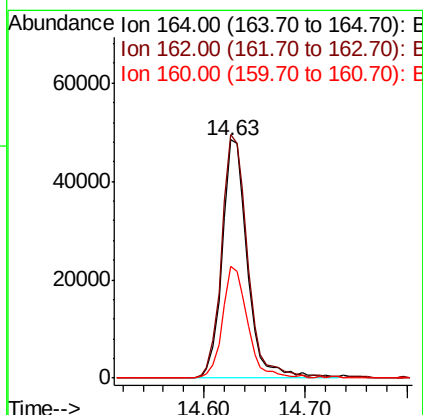
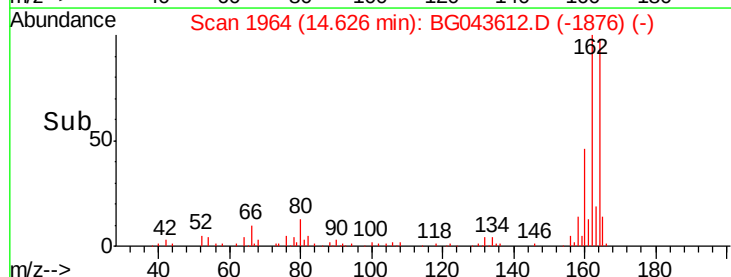
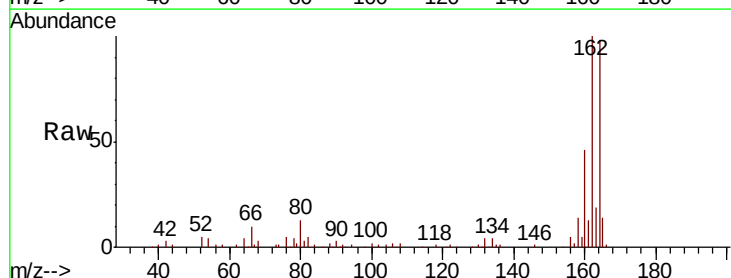
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-110819

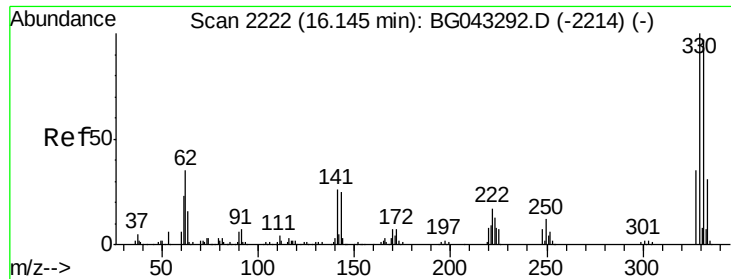
Tot Ion: 82 Resp: 189018
 Ion Ratio Lower Upper
 82 100
 128 43.5 35.0 52.6
 54 53.8 40.2 60.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BG043612.D
 Acq: 12 Nov 2019 15:22

Tgt Ion: 164 Resp: 83411
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.5 125.3
 160 46.7 36.5 54.7

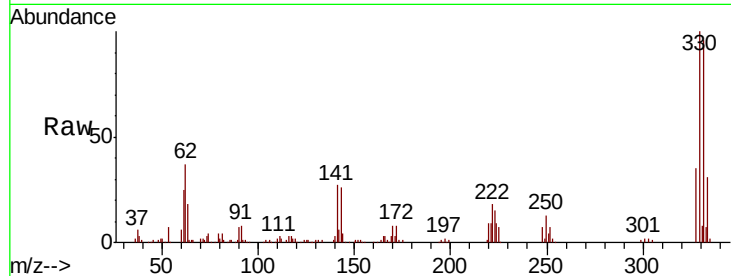




#42
 2,4,6-Tribromophenol
 Concen: 122.885 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043612.D
 Acq: 12 Nov 2019 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-110819

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	28.9	22.8	34.2

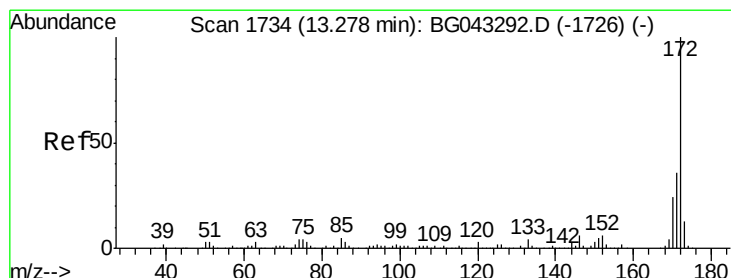
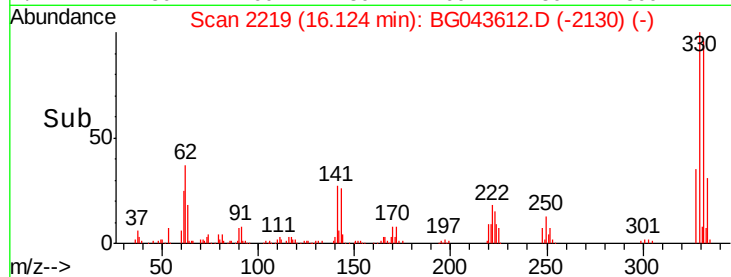
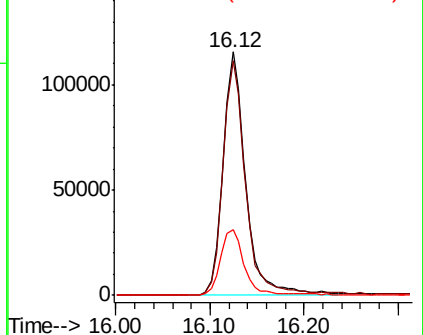


Abundance

Ion 329.80 (329.50 to 330.50): E

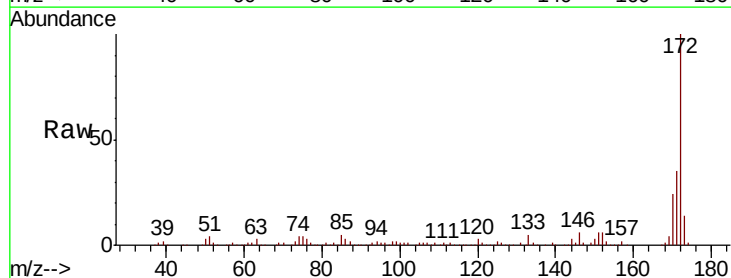
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.108 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043612.D
 Acq: 12 Nov 2019 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.8	18.5	27.7

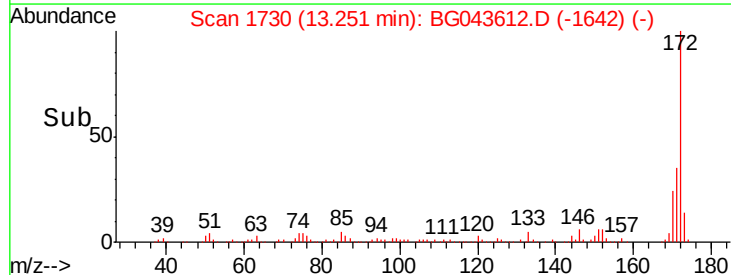
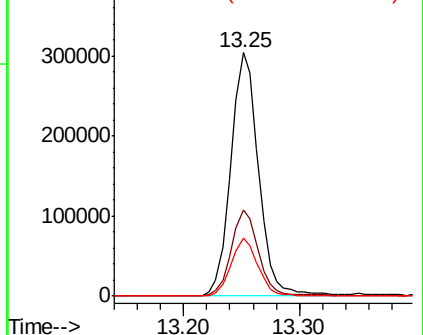


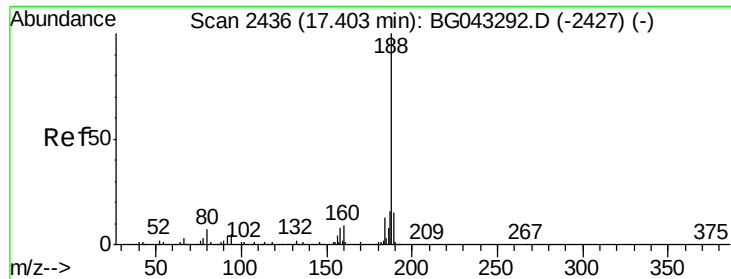
Abundance

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: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043612.D

Acq: 12 Nov 2019 15:22

Instrument :

BNA_G

ClientSampleId :

SU-03-110819

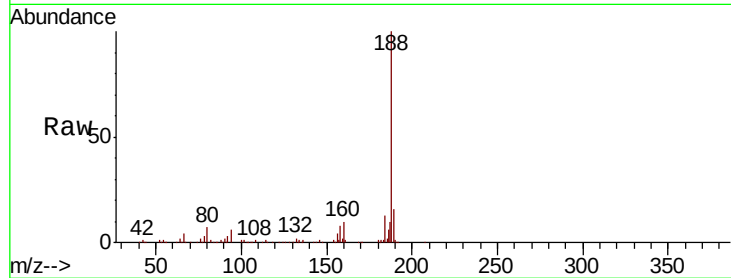
Tot Ion:188 Resp: 205384

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

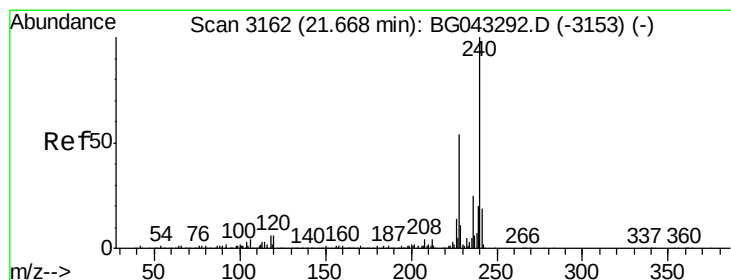
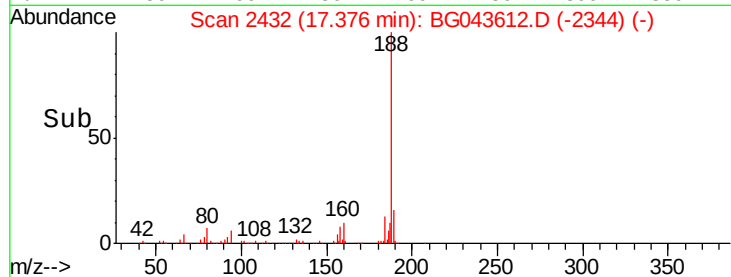
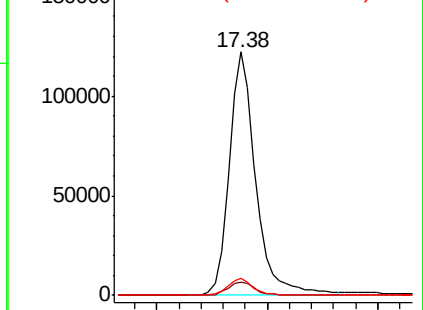
80 6.9 4.5 6.7#



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: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043612.D

Acq: 12 Nov 2019 15:22

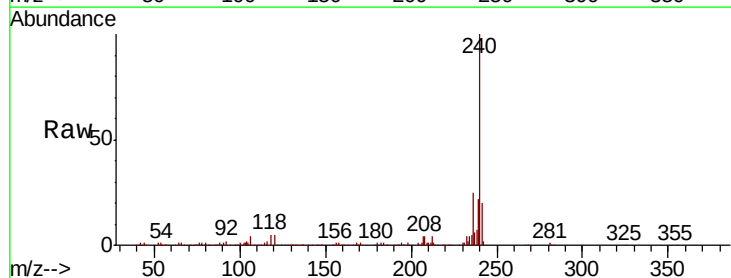
Tgt Ion:240 Resp: 229638

Ion Ratio Lower Upper

240 100

120 5.5 4.6 6.8

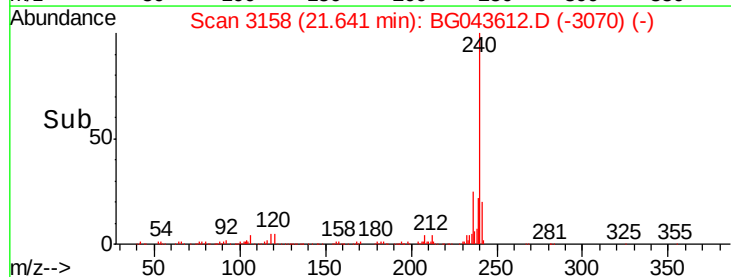
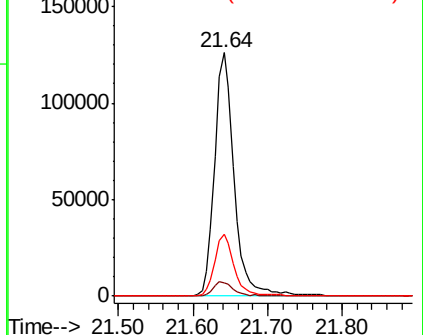
236 25.5 19.8 29.8

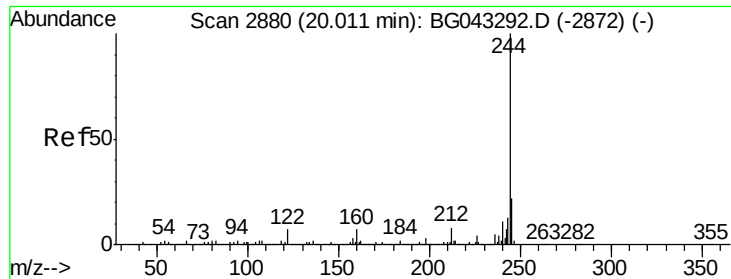


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.853 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043612.D

Acq: 12 Nov 2019 15:22

Instrument :

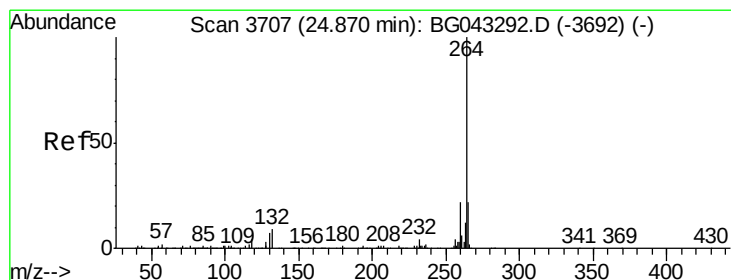
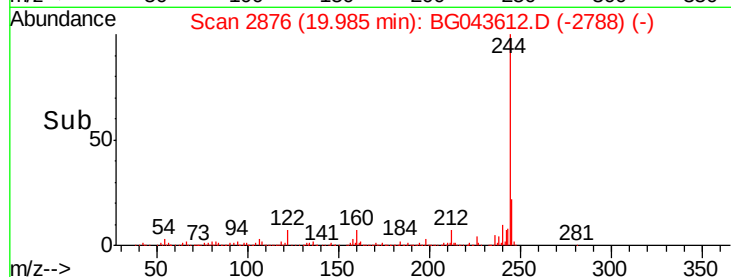
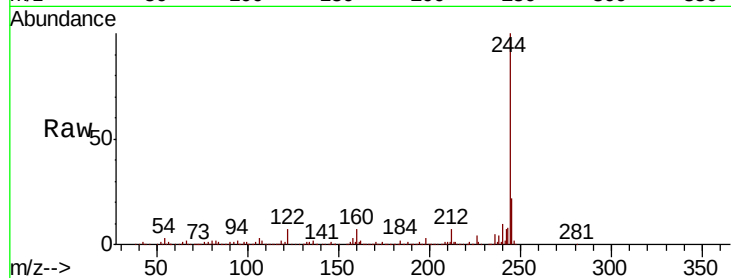
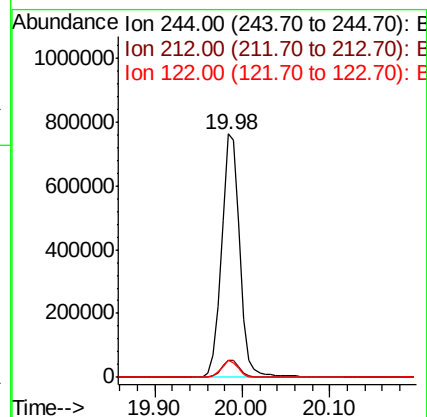
BNA_G

ClientSampleId :

SU-03-110819

Tot Ion:244 Resp: 1099840

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	7.1	5.4	8.2



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043612.D

Acq: 12 Nov 2019 15:22

Tgt Ion:264 Resp: 255833

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.5	26.3
265	22.5	17.4	26.0

