

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042648.D
 Acq On : 1 Sep 2019 1:30
 Operator : HP/JU
 Sample : K4548-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T8-S-G1-G4

Quant Time: Sep 01 02:40:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34299	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	124855	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	90904	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	218490	20.00	ng	0.00
76) Chrysene-d12	21.68	240	251534	20.00	ng	-0.02
87) Perylene-d12	24.92	264	287533	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	216832	128.04	ng	0.00
7) Phenol-d6	7.16	99	250656	109.57	ng	0.00
23) Nitrobenzene-d5	9.17	82	181170	100.27	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	187260	144.93	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	579572	107.83	ng	0.00
79) Terphenyl-d14	20.02	244	1197870	102.96	ng	0.00

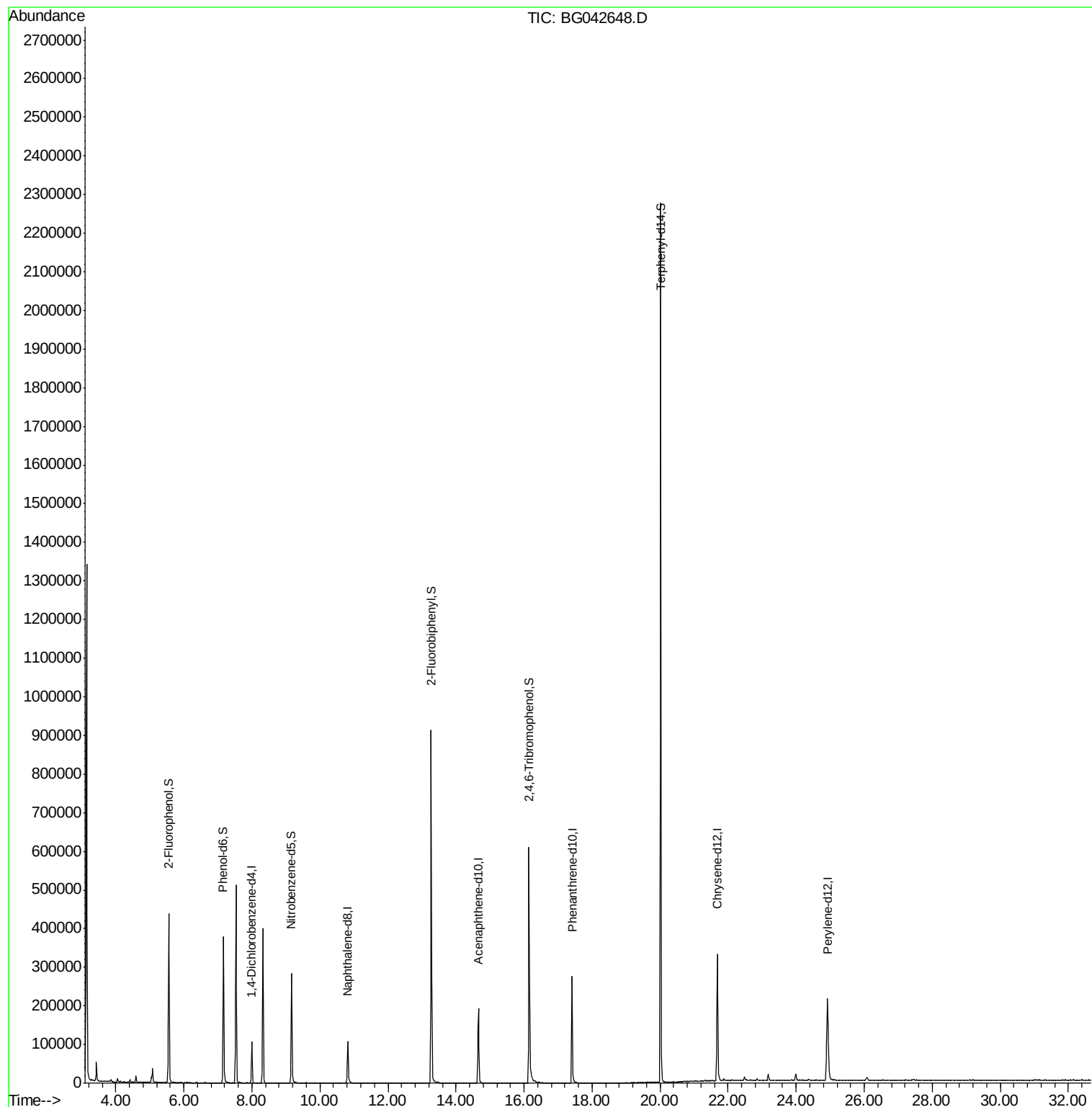
Target Compounds Qvalue

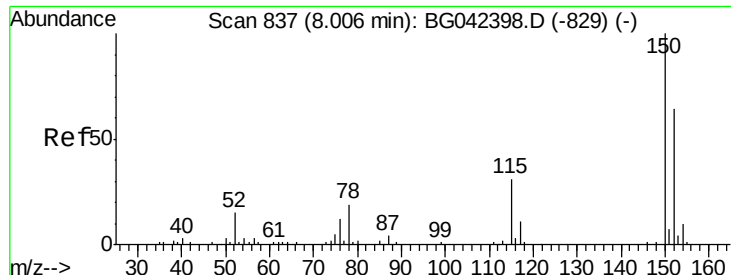
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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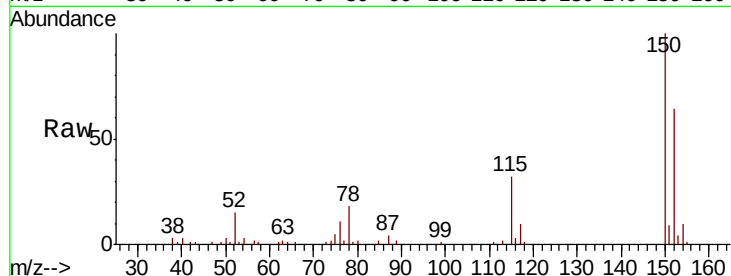


#1

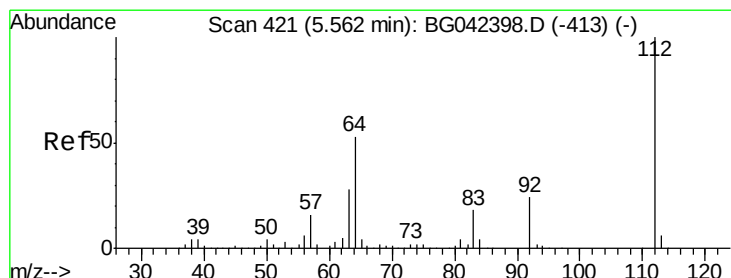
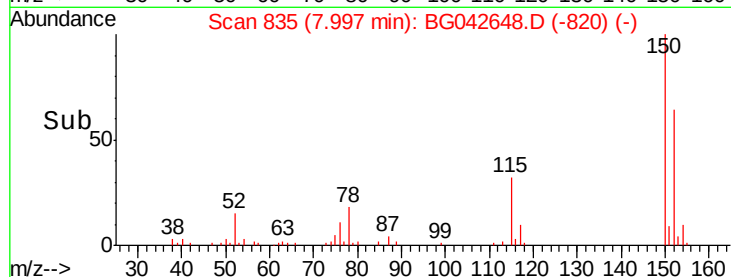
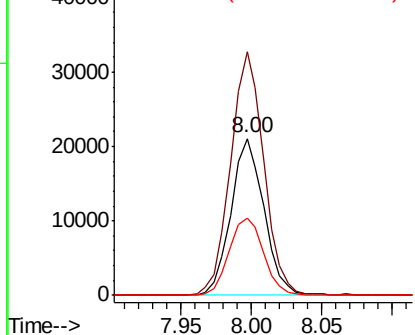
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042648.D
Acq: 1 Sep 2019 1:30

Instrument :
BNA_G
ClientSampleId :
T8-S-G1-G4

Tot Ion:152 Resp: 34299
Ion Ratio Lower Upper
152 100
150 155.2 125.4 188.0
115 49.1 38.5 57.7



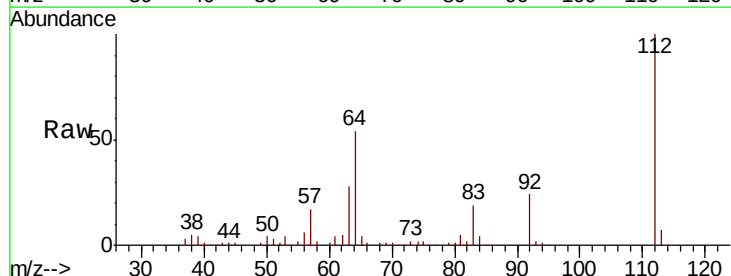
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



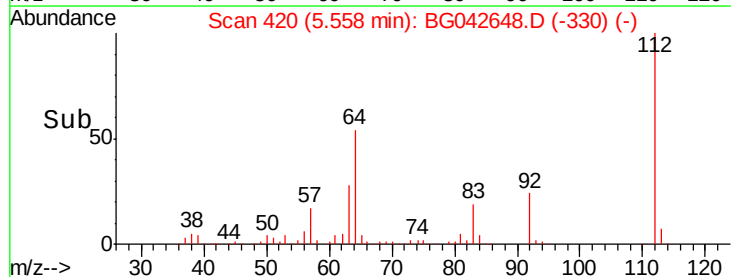
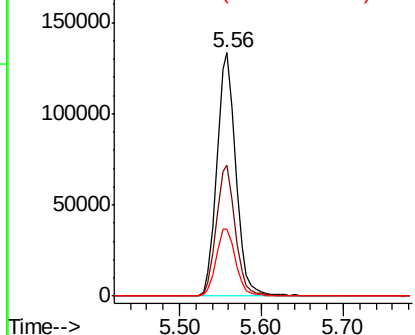
#5

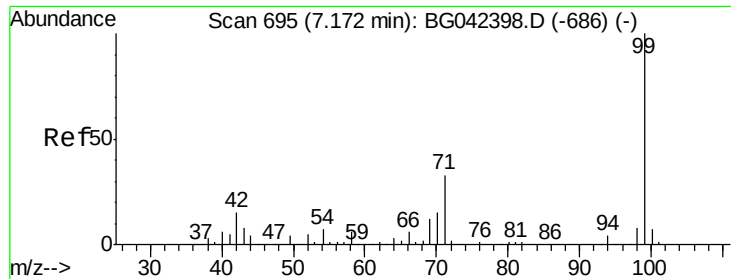
2-Fluorophenol
Concen: 128.035 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042648.D
Acq: 1 Sep 2019 1:30

Tgt Ion:112 Resp: 216832
Ion Ratio Lower Upper
112 100
64 54.0 42.8 64.2
63 27.7 22.7 34.1



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: 109.572 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042648.D

Acq: 1 Sep 2019 1:30

Instrument :

BNA_G

ClientSampleId :

T8-S-G1-G4

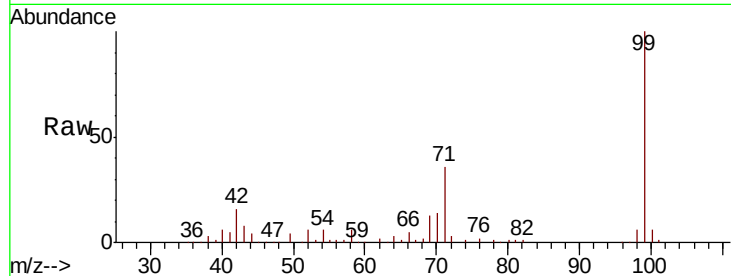
Tot Ion: 99 Resp: 250656

Ion Ratio Lower Upper

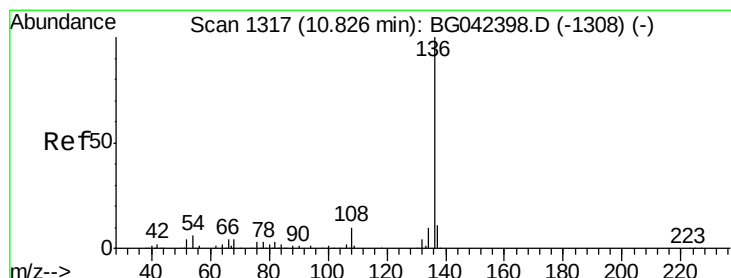
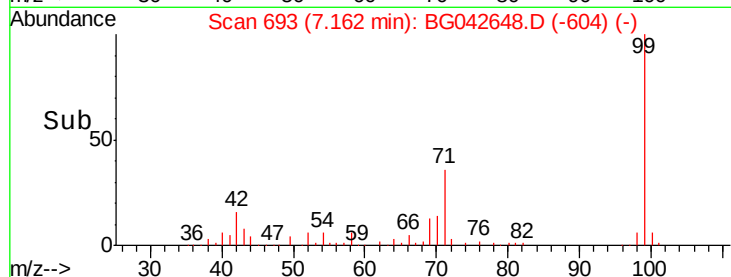
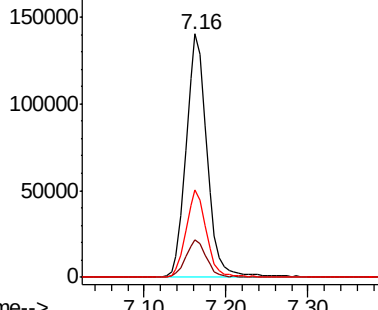
99 100

42 15.6 12.0 18.0

71 35.7 26.3 39.5



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: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042648.D

Acq: 1 Sep 2019 1:30

Tgt Ion: 136 Resp: 124855

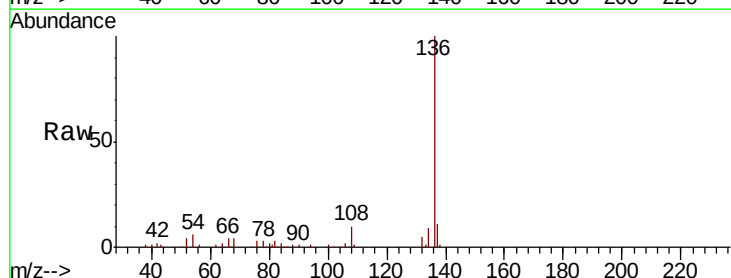
Ion Ratio Lower Upper

136 100

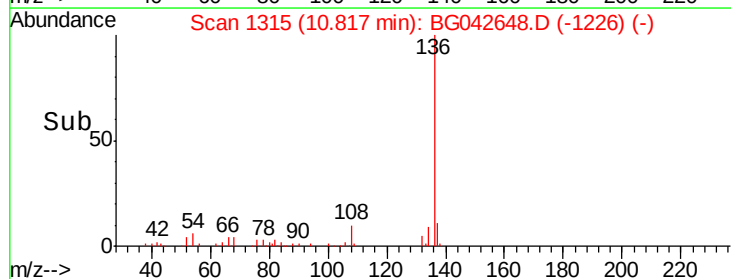
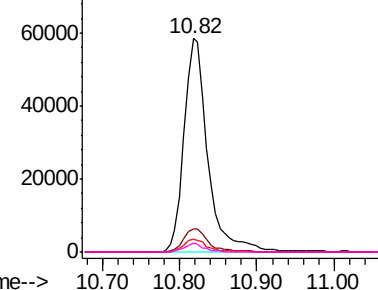
137 10.8 8.7 13.1

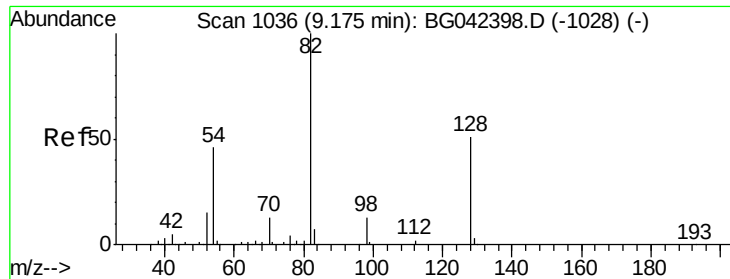
54 6.1 4.9 7.3

68 4.2 3.6 5.4



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

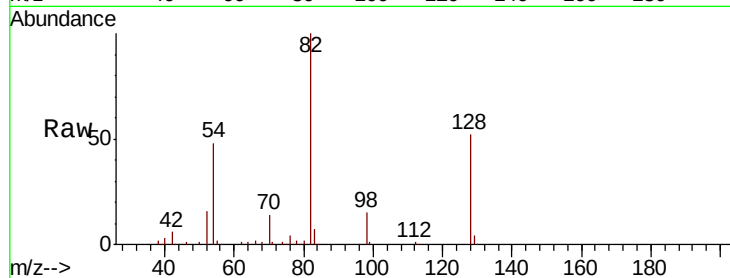




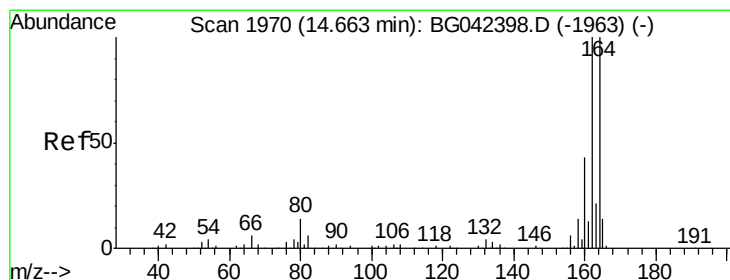
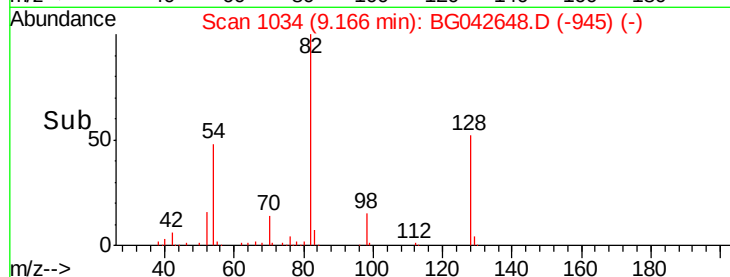
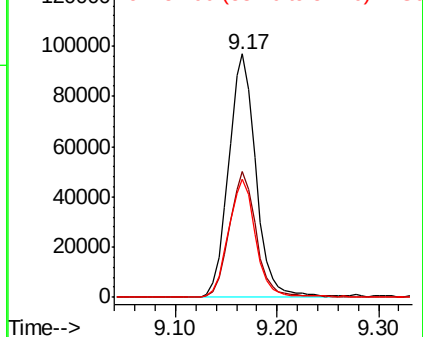
#23
Nitrobenzene-d5
Concen: 100.273 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042648.D
Acq: 1 Sep 2019 1:30

Instrument :
BNA_G
ClientSampleId :
T8-S-G1-G4

Tot Ion: 82 Resp: 181170
Ion Ratio Lower Upper
82 100
128 51.9 40.7 61.1
54 48.3 36.3 54.5

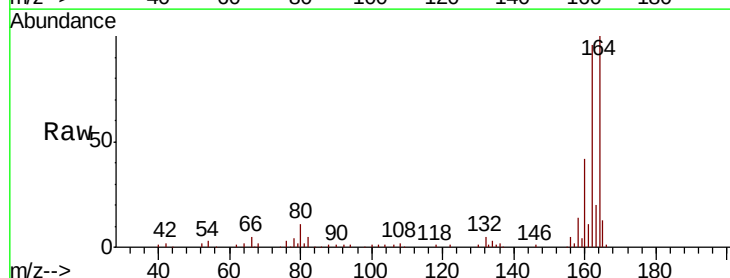


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

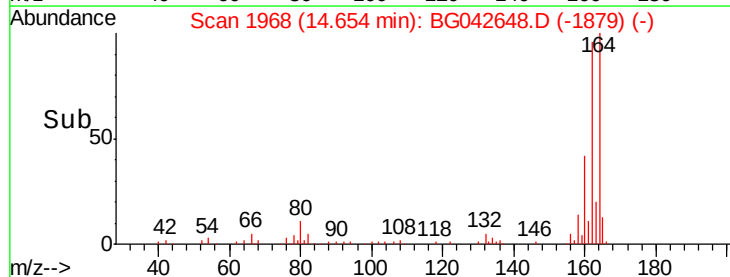
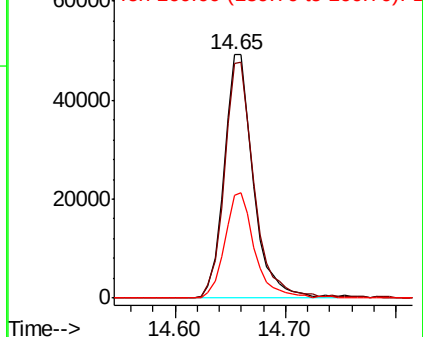


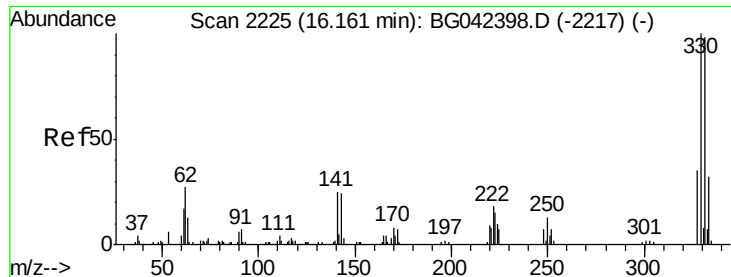
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042648.D
Acq: 1 Sep 2019 1:30

Tgt Ion:164 Resp: 90904
Ion Ratio Lower Upper
164 100
162 96.4 79.9 119.9
160 42.5 34.3 51.5



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: 144.932 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042648.D

Acq: 1 Sep 2019 1:30

Instrument :

BNA_G

ClientSampleId :

T8-S-G1-G4

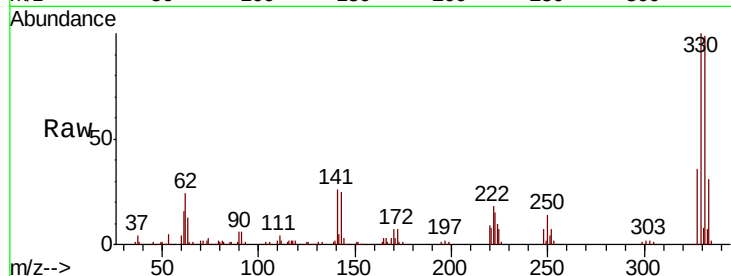
Tot Ion:330 Resp: 187260

Ion Ratio Lower Upper

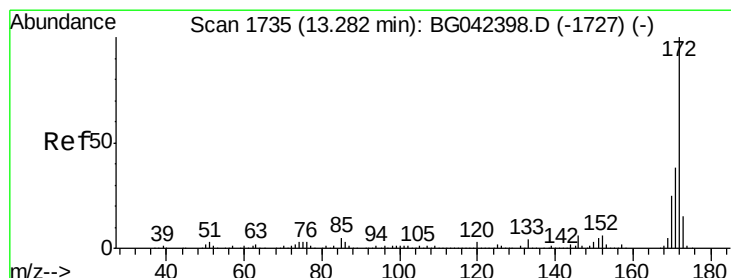
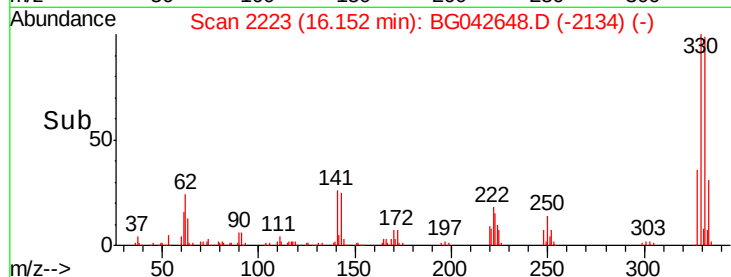
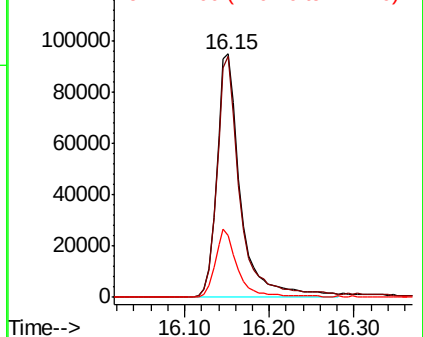
330 100

332 96.6 77.4 116.0

141 26.9 21.4 32.0



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: 107.830 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042648.D

Acq: 1 Sep 2019 1:30

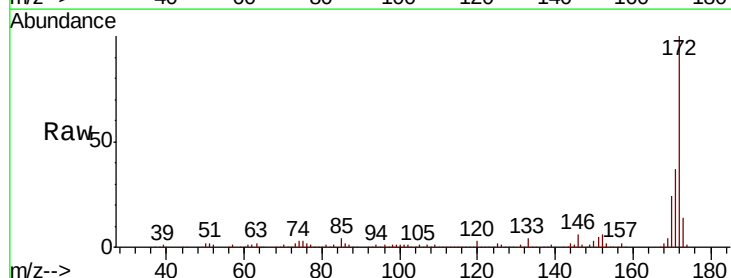
Tgt Ion:172 Resp: 579572

Ion Ratio Lower Upper

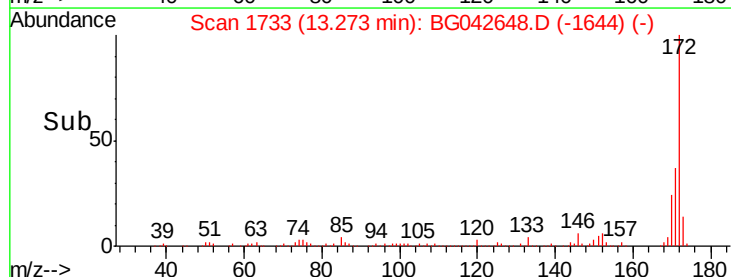
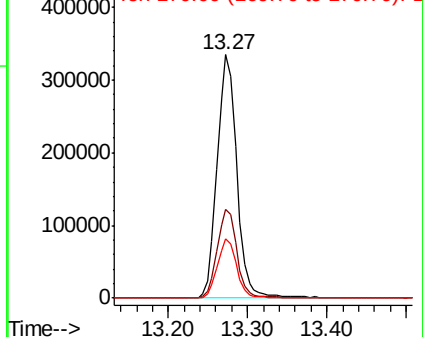
172 100

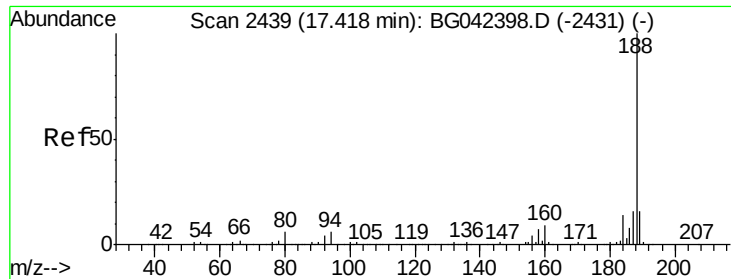
171 36.6 30.5 45.7

170 24.5 20.2 30.2



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

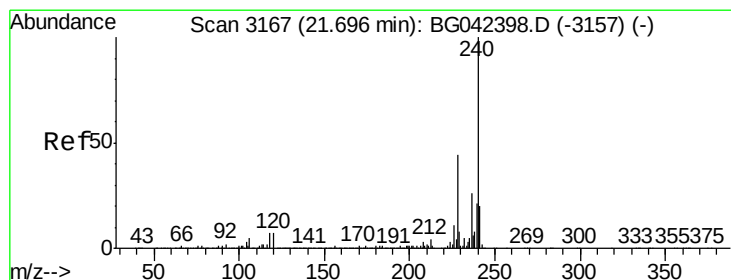
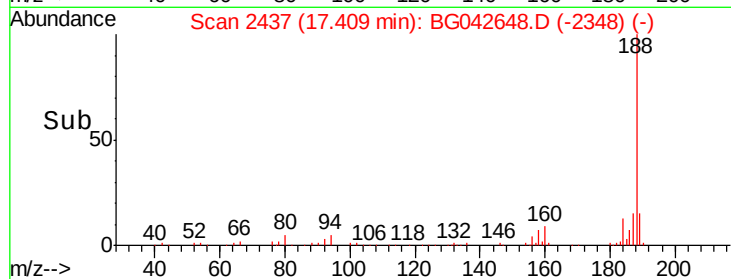
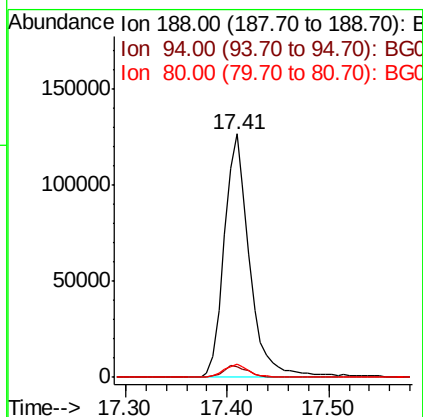
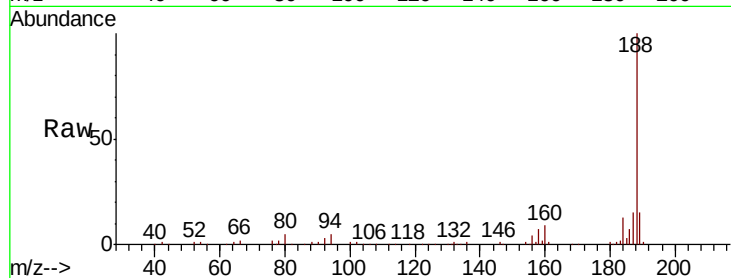




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042648.D
Acq: 1 Sep 2019 1:30

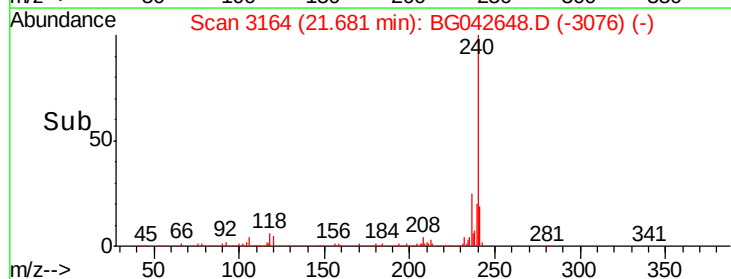
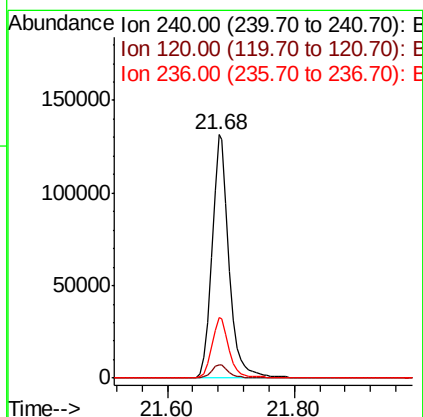
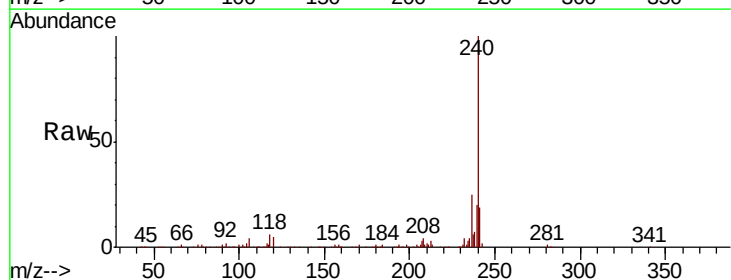
Instrument :
BNA_G
ClientSampleId :
T8-S-G1-G4

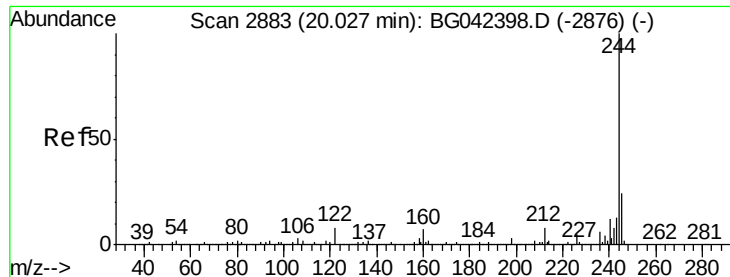
Tot Ion:188 Resp: 218490
Ion Ratio Lower Upper
188 100
94 4.6 4.5 6.7
80 5.5 4.9 7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042648.D
Acq: 1 Sep 2019 1:30

Tgt Ion:240 Resp: 251534
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 24.7 21.0 31.4





#79

Terphenyl-d14

Concen: 102.956 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042648.D

Acq: 1 Sep 2019 1:30

Instrument :

BNA_G

ClientSampleId :

T8-S-G1-G4

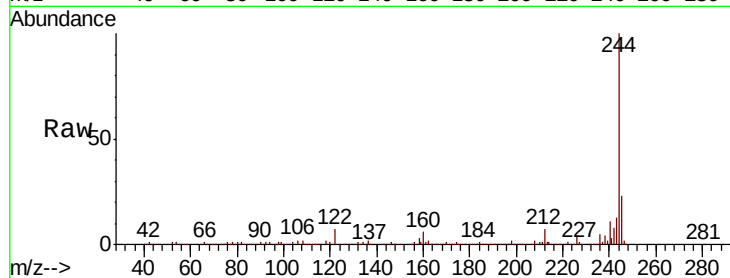
Tot Ion:244 Resp: 1197870

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

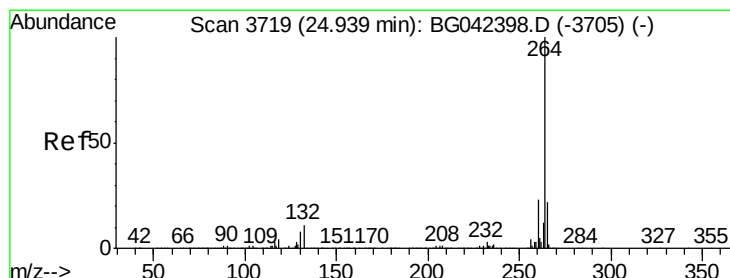
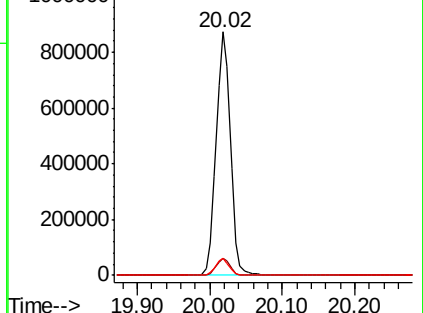
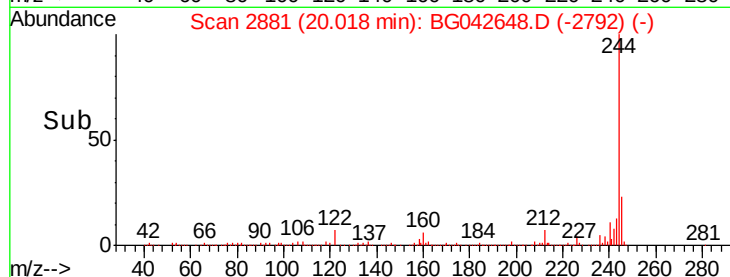
122 7.2 6.7 10.1



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042648.D

Acq: 1 Sep 2019 1:30

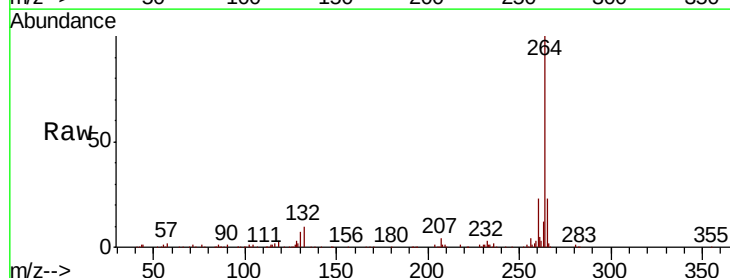
Tgt Ion:264 Resp: 287533

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.8 17.6 26.4



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

