

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042652.D
 Acq On : 1 Sep 2019 4:04
 Operator : HP/JU
 Sample : K4546-29
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T3-S-C1-C4

Quant Time: Sep 01 05:42:58 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	36383	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	130425	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	95995	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	224492	20.00	ng	0.00
76) Chrysene-d12	21.68	240	257507	20.00	ng	-0.01
87) Perylene-d12	24.92	264	292912	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	235234	130.95	ng	0.00
7) Phenol-d6	7.16	99	278597	114.81	ng	0.00
23) Nitrobenzene-d5	9.17	82	199045	105.46	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	196007	143.66	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	613884	108.16	ng	0.00
79) Terphenyl-d14	20.02	244	1243323	104.38	ng	0.00

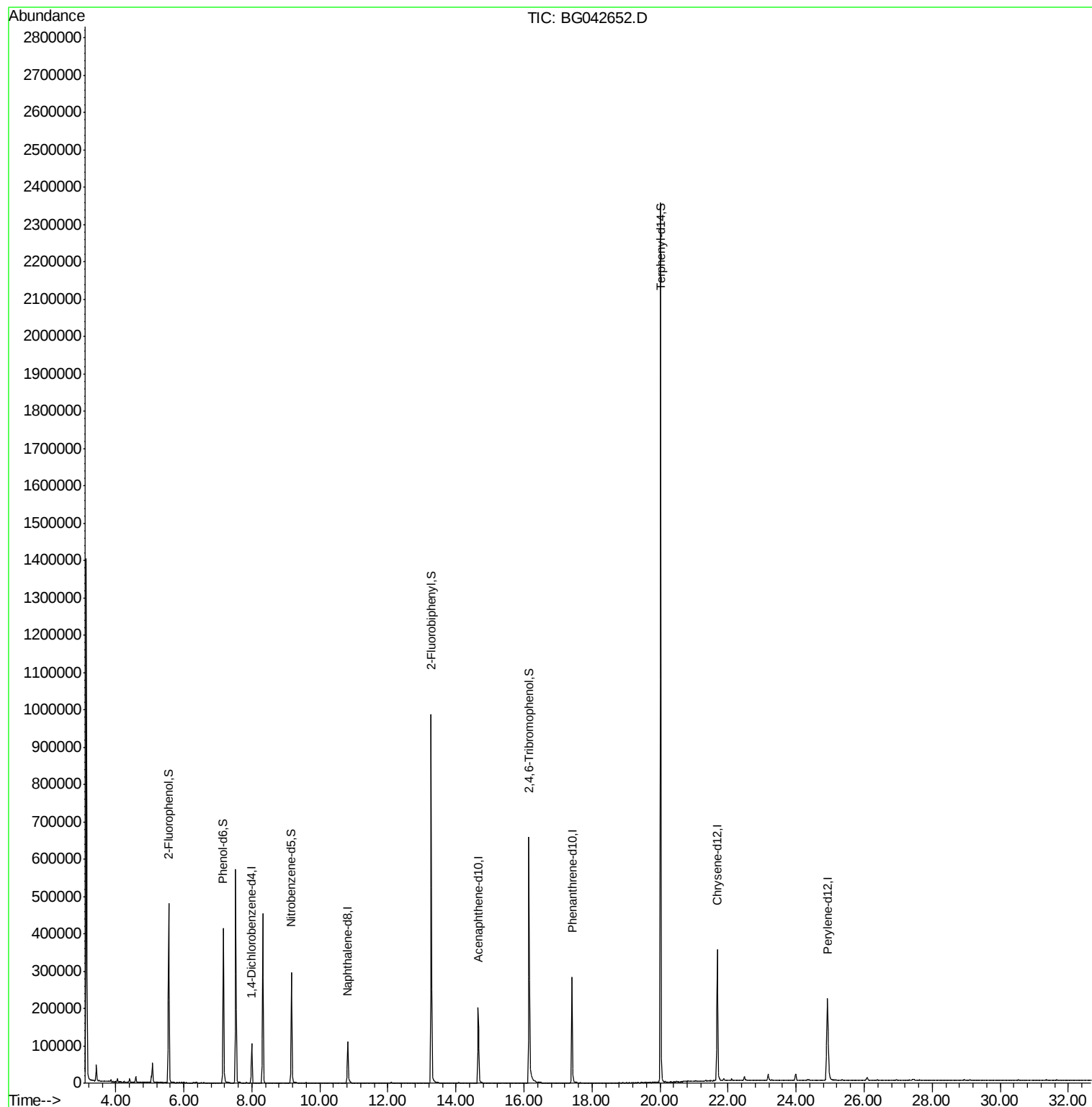
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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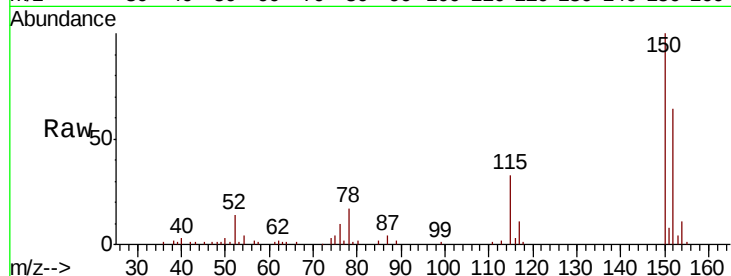


#1

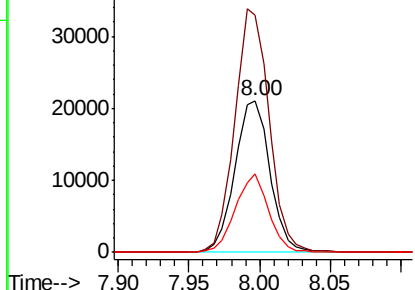
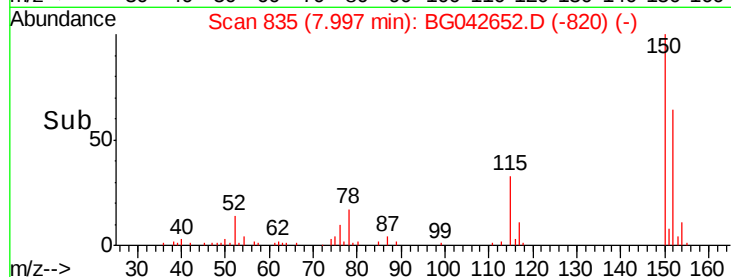
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042652.D
 Acq: 1 Sep 2019 4:04

Instrument :
 BNA_G
 ClientSampleId :
 T3-S-C1-C4

Tot Ion:152 Resp: 36383
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.4 188.0
 115 52.2 38.5 57.7



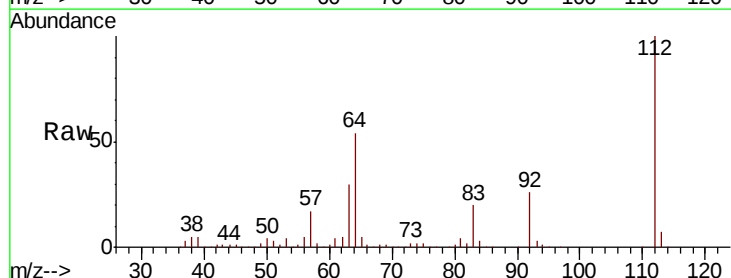
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



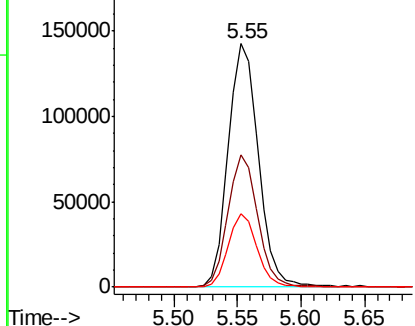
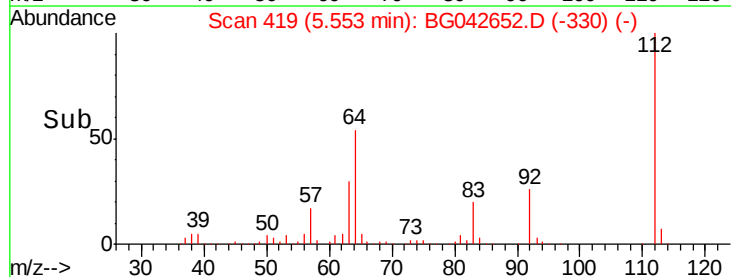
#5

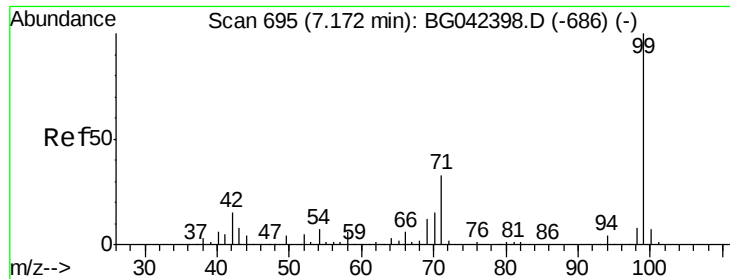
2-Fluorophenol
 Concen: 130.945 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042652.D
 Acq: 1 Sep 2019 4:04

Tgt Ion:112 Resp: 235234
 Ion Ratio Lower Upper
 112 100
 64 54.4 42.8 64.2
 63 30.2 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: 114.811 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042652.D

Acq: 1 Sep 2019 4:04

Instrument :

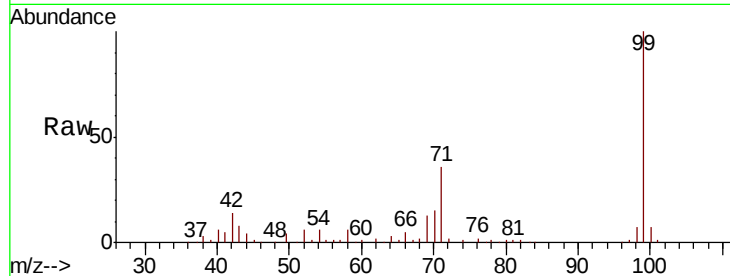
BNA_G

ClientSampleId :

T3-S-C1-C4

Tot Ion: 99 Resp: 278597

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.0	18.0
71	36.1	26.3	39.5

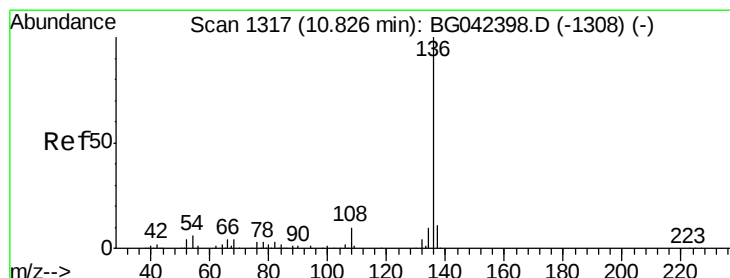
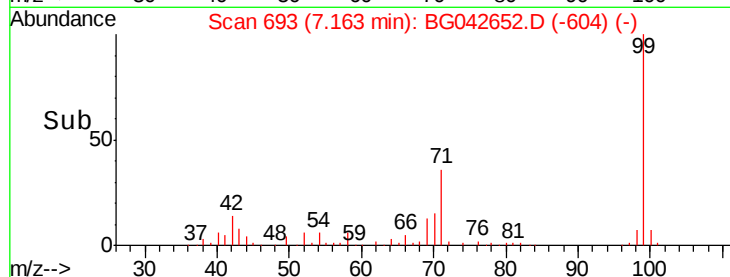
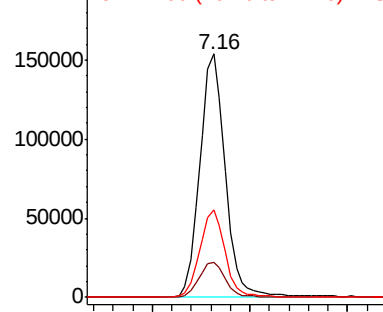


Abundance

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

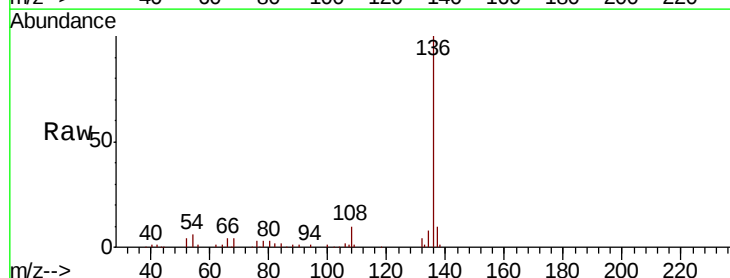
Delta R.T. -0.01 min

Lab File: BG042652.D

Acq: 1 Sep 2019 4:04

Tgt Ion: 136 Resp: 130425

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	5.6	4.9	7.3
68	4.1	3.6	5.4



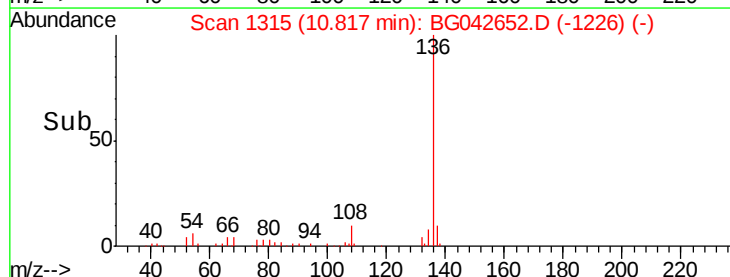
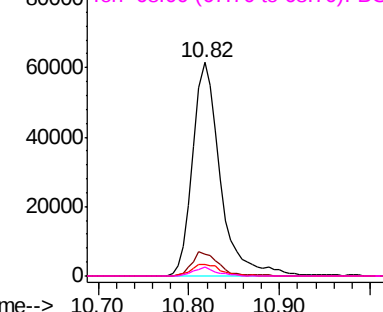
Abundance

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

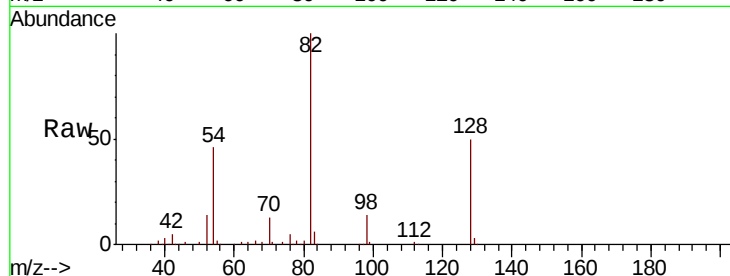




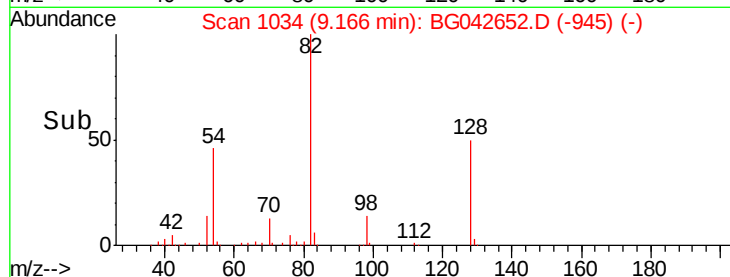
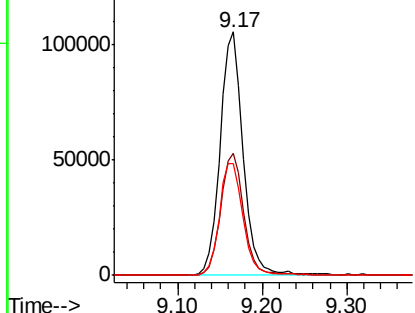
#23
Nitrobenzene-d5
Concen: 105.461 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042652.D
Acq: 1 Sep 2019 4:04

Instrument :
BNA_G
ClientSampleId :
T3-S-C1-C4

Tot Ion	82	Resp	199045
Ion Ratio	Lower	Upper	
82	100		
128	50.2	40.7	61.1
54	45.9	36.3	54.5

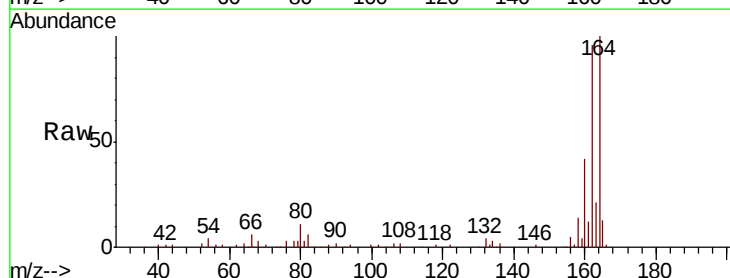


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

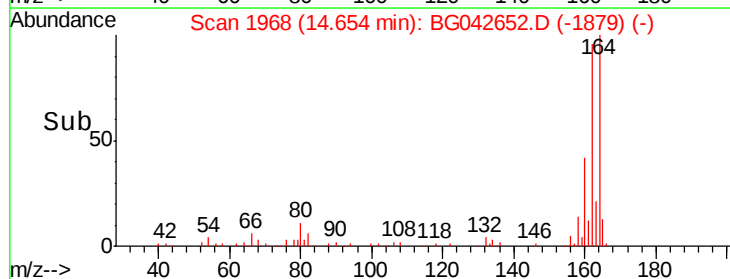
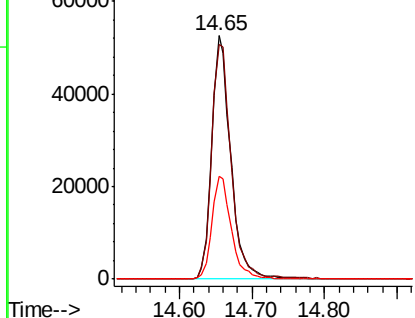


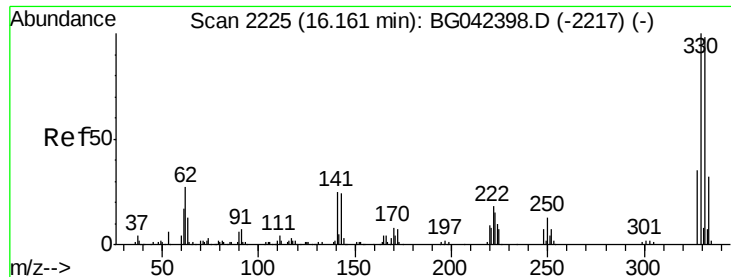
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042652.D
Acq: 1 Sep 2019 4:04

Tgt Ion	164	Resp	95995
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

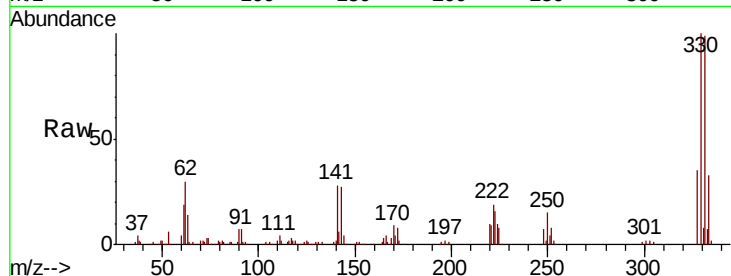




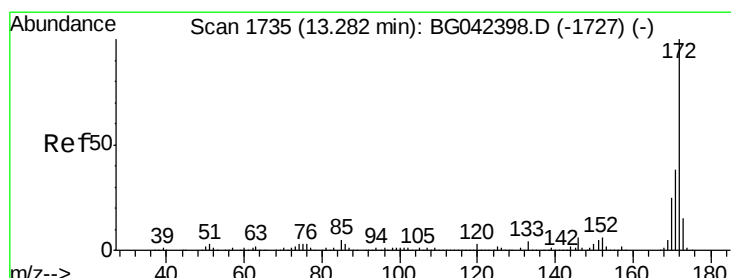
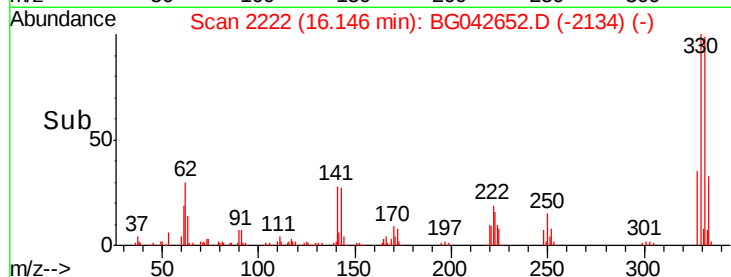
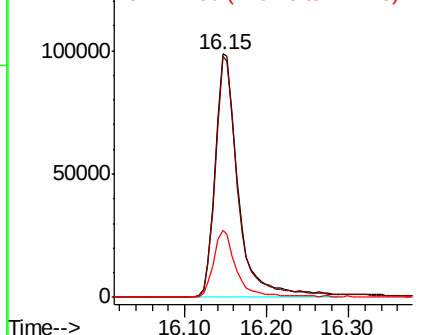
#42
 2,4,6-Tribromophenol
 Concen: 143.657 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG042652.D
 Acq: 1 Sep 2019 4:04

Instrument :
 BNA_G
 ClientSampleId :
 T3-S-C1-C4

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.4	116.0
141	27.0	21.4	32.0

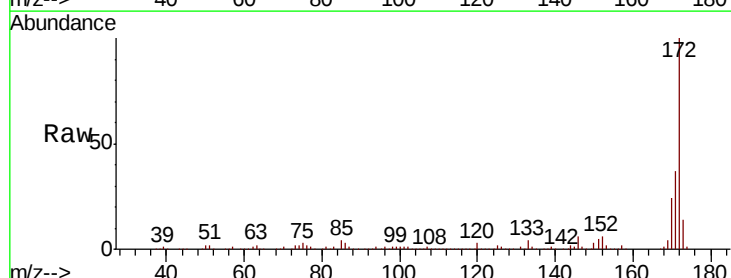


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

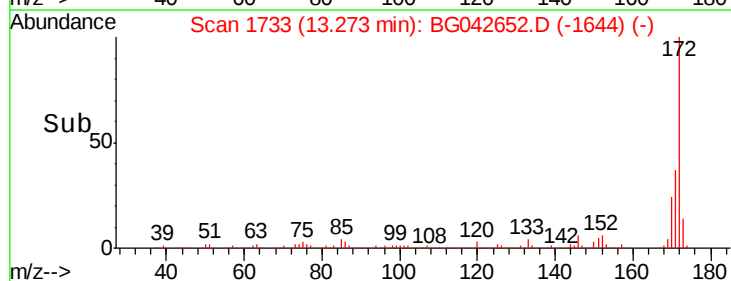
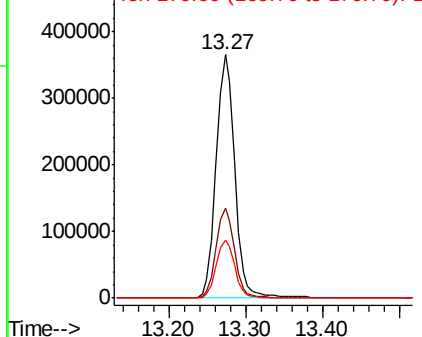


#45
 2-Fluorobiphenyl
 Concen: 108.157 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042652.D
 Acq: 1 Sep 2019 4:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	23.9	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

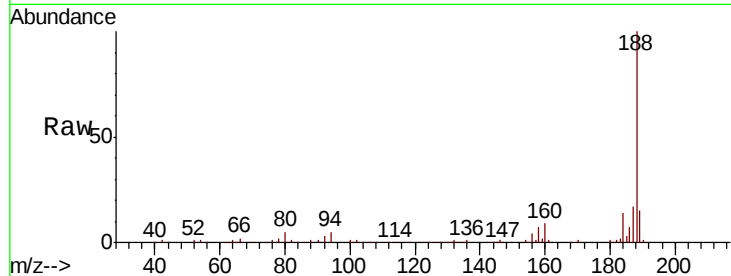




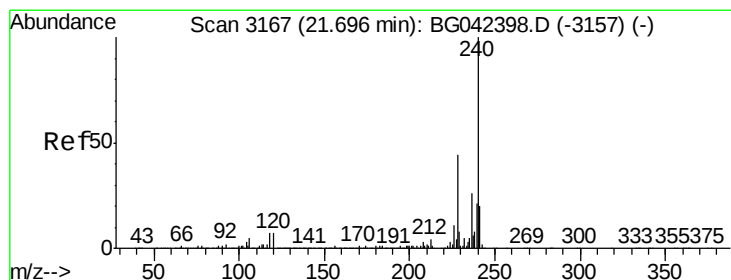
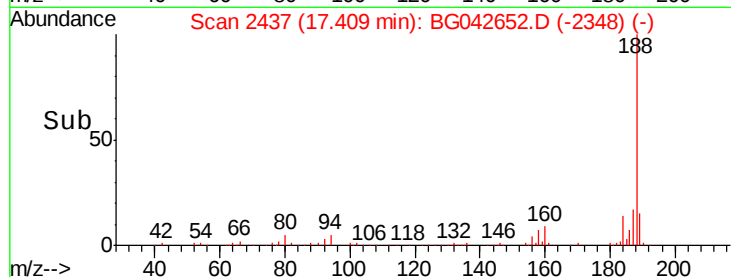
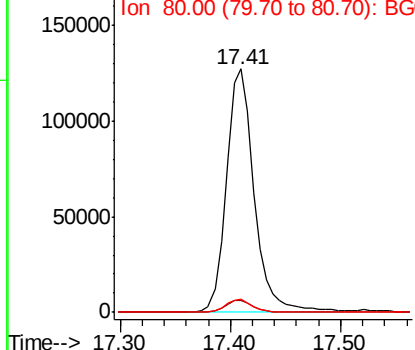
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042652.D
Acq: 1 Sep 2019 4:04

Instrument :
BNA_G
ClientSampleId :
T3-S-C1-C4

Tot Ion:188 Resp: 224492
Ion Ratio Lower Upper
188 100
94 5.1 4.5 6.7
80 5.3 4.9 7.3

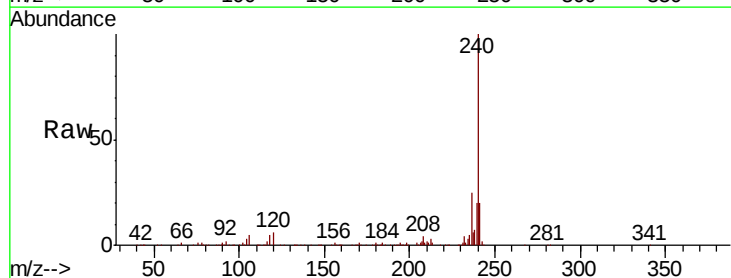


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

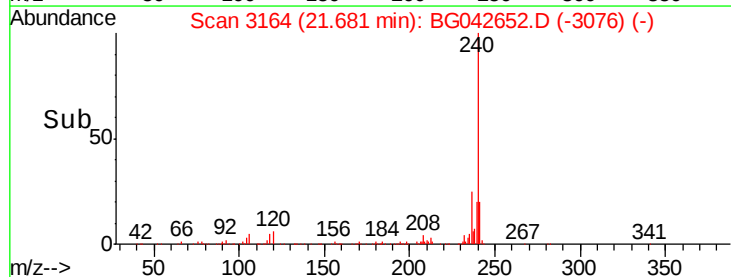
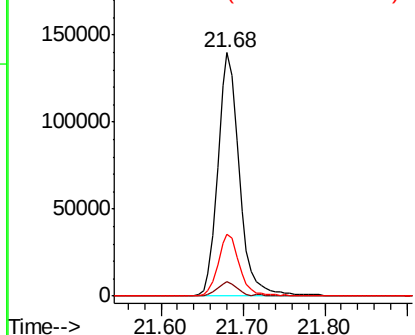


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG042652.D
Acq: 1 Sep 2019 4:04

Tgt Ion:240 Resp: 257507
Ion Ratio Lower Upper
240 100
120 5.8 5.7 8.5
236 25.2 21.0 31.4



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: 104.384 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042652.D

Acq: 1 Sep 2019 4:04

Instrument :

BNA_G

ClientSampleId :

T3-S-C1-C4

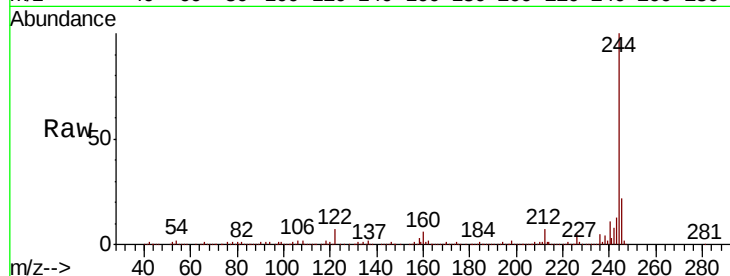
Tot Ion:244 Resp: 1243323

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

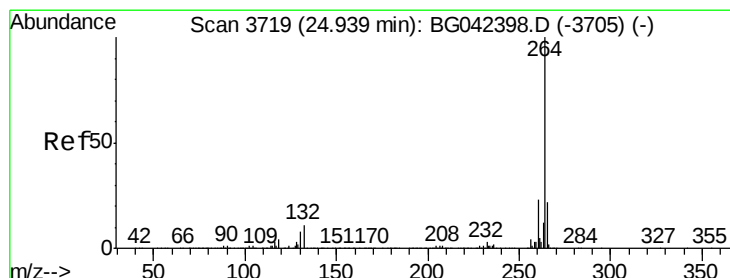
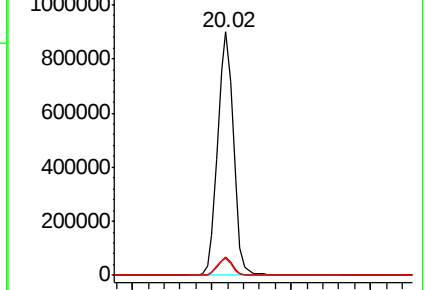
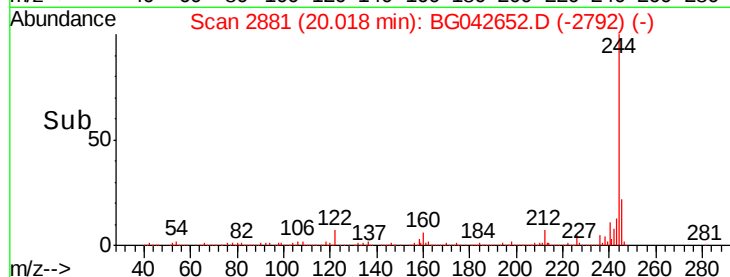
122 7.0 6.7 10.1



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# 3715

Delta R.T. -0.02 min

Lab File: BG042652.D

Acq: 1 Sep 2019 4:04

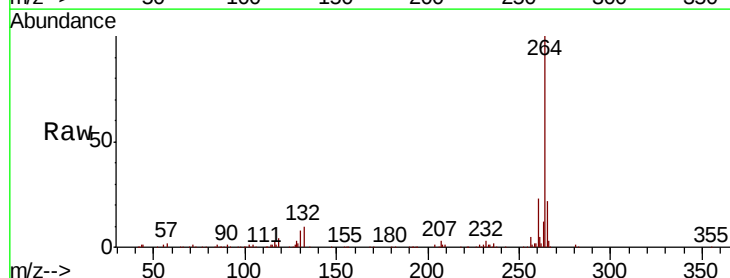
Tgt Ion:264 Resp: 292912

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.1 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

