

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042755.D
 Acq On : 6 Sep 2019 19:52
 Operator : HP/JU
 Sample : PB122847BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122847BL

Quant Time: Sep 07 01:53:01 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	7.99	152	27119	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	108479	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	88503	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	234781	20.00	ng	0.00
76) Chrysene-d12	21.69	240	226582	20.00	ng	0.00
87) Perylene-d12	24.94	264	248084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	192237	143.57	ng	0.00
7) Phenol-d6	7.16	99	259890	143.69	ng	0.00
23) Nitrobenzene-d5	9.16	82	145044	92.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	193218	153.60	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	528486	100.99	ng	0.00
79) Terphenyl-d14	20.03	244	1271497	121.32	ng	0.00

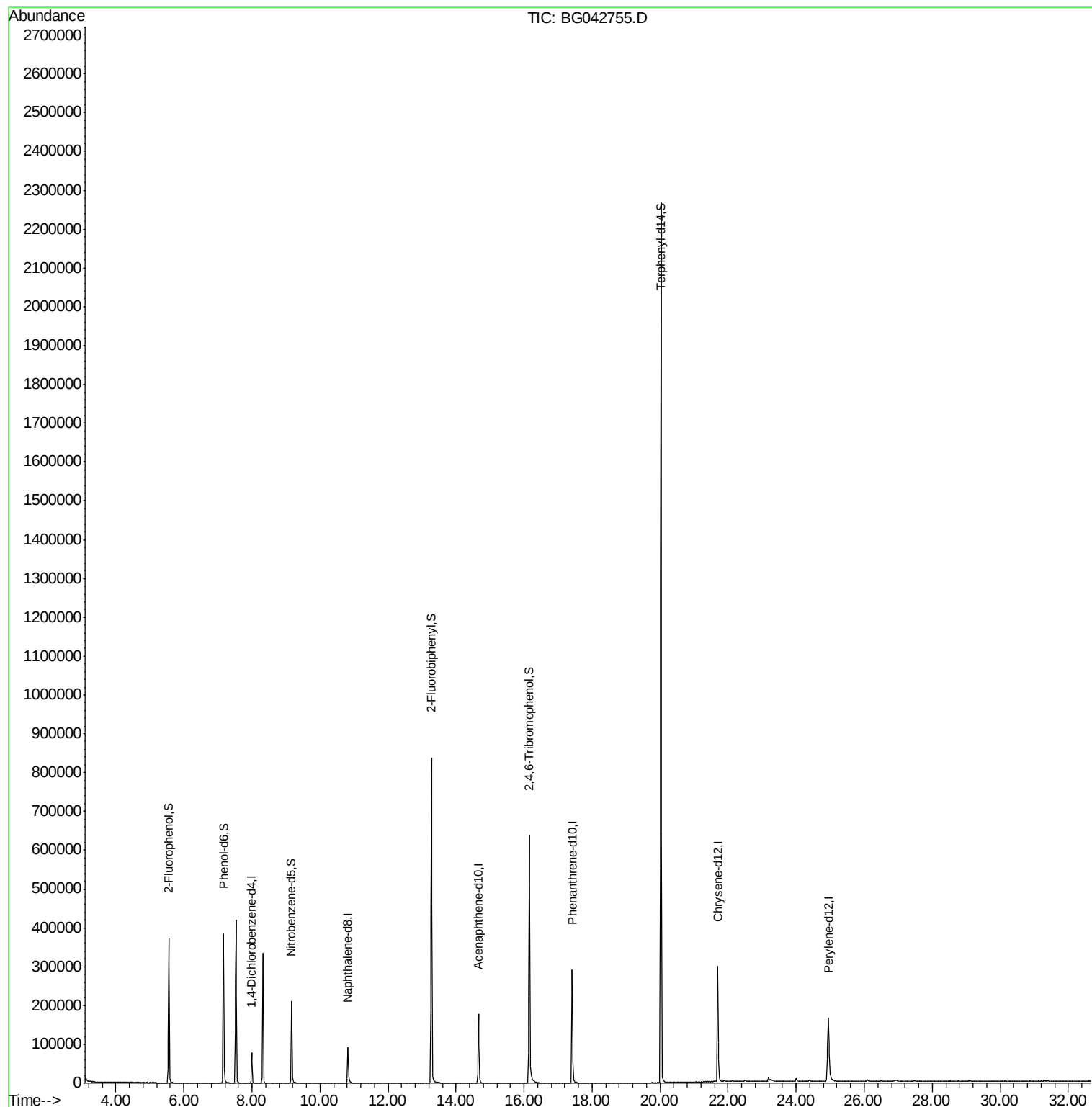
Target Compounds Qvalue

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

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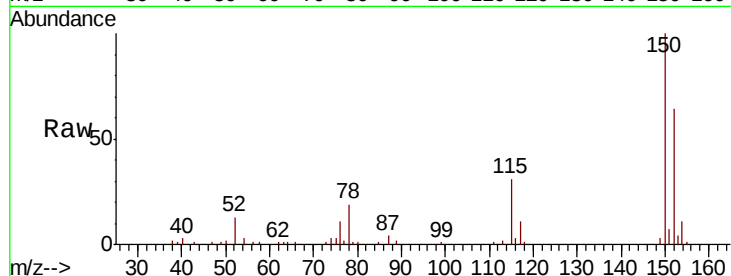


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042755.D
 Acq: 6 Sep 2019 19:52

Instrument :
 BNA_G
 ClientSampleId :
 PB122847BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.4	188.0
115	47.5	38.5	57.7

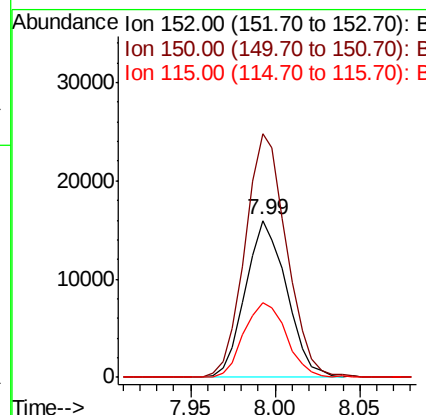
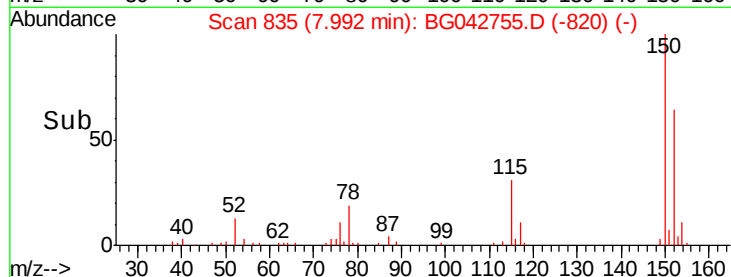


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

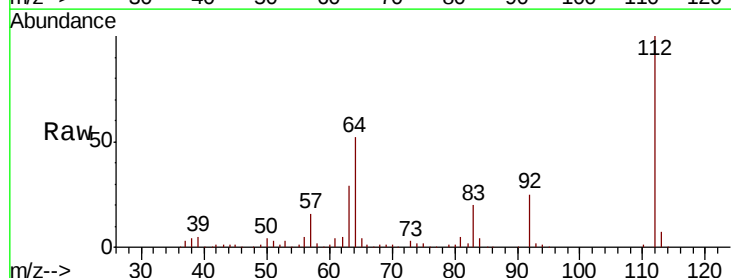
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 143.566 ng
 RT: 5.55 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042755.D
 Acq: 6 Sep 2019 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.8	64.2
63	28.8	22.7	34.1

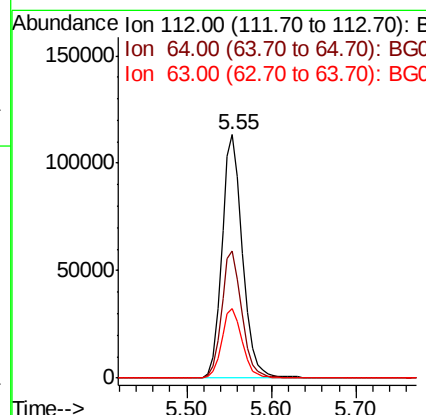
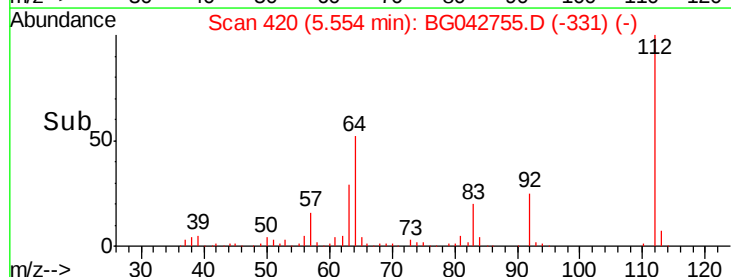


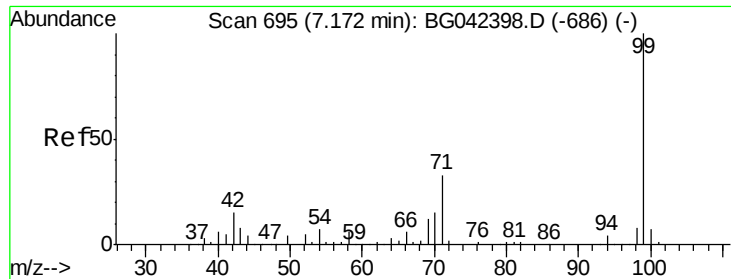
Abundance

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: 143.688 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042755.D

Acq: 6 Sep 2019 19:52

Instrument :

BNA_G

ClientSampleId :

PB122847BL

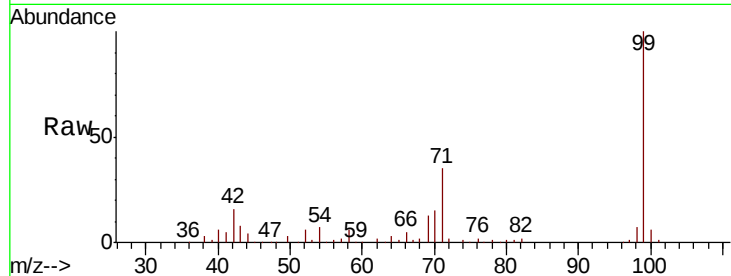
Tot Ion: 99 Resp: 259890

Ion Ratio Lower Upper

99 100

42 15.7 12.0 18.0

71 35.1 26.3 39.5

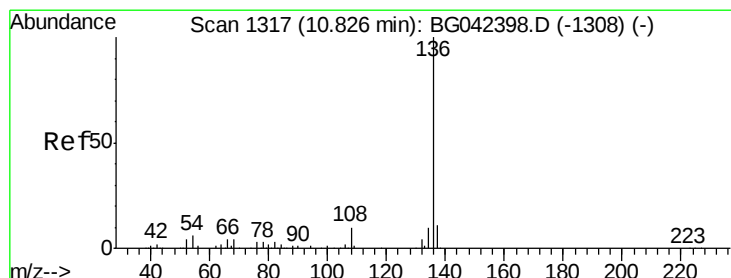
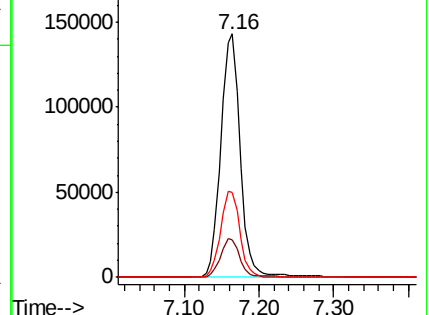
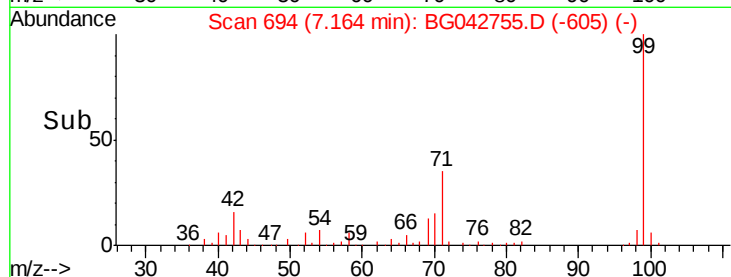


Abundance

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# 1316

Delta R.T. -0.01 min

Lab File: BG042755.D

Acq: 6 Sep 2019 19:52

Tgt Ion: 136 Resp: 108479

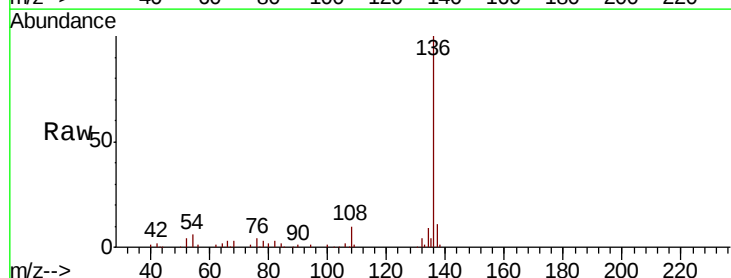
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.9 4.9 7.3

68 3.0 3.6 5.4#



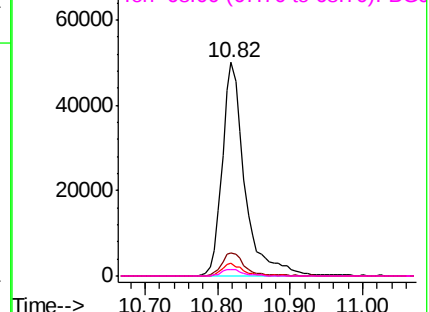
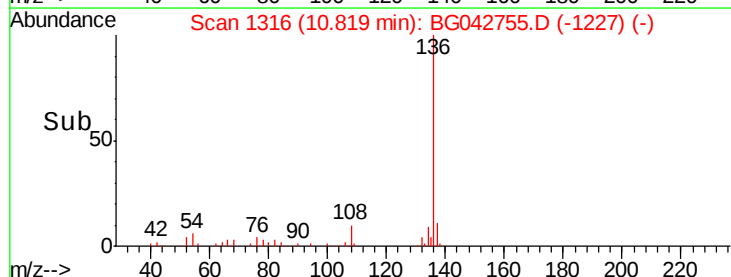
Abundance

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

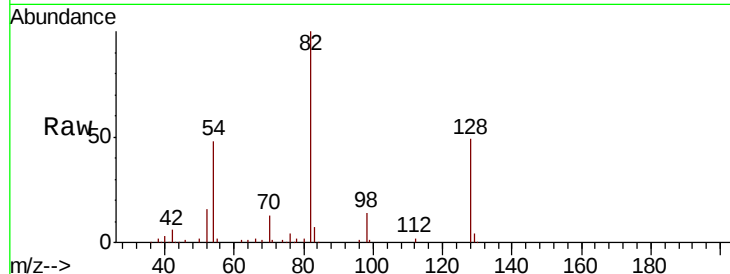




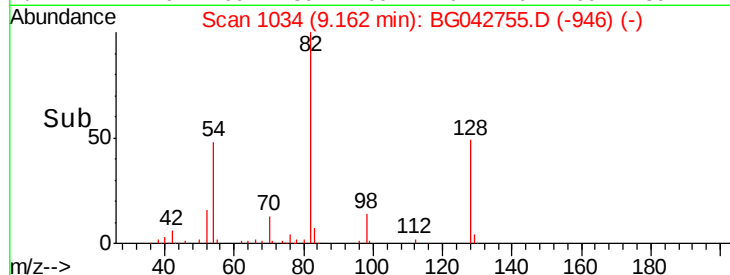
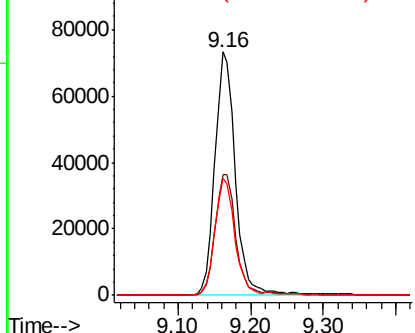
#23
Nitrobenzene-d5
Concen: 92.397 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042755.D
Acq: 6 Sep 2019 19:52

Instrument :
BNA_G
ClientSampleId :
PB122847BL

Tot Ion: 82 Resp: 145044
Ion Ratio Lower Upper
82 100
128 49.5 40.7 61.1
54 48.2 36.3 54.5

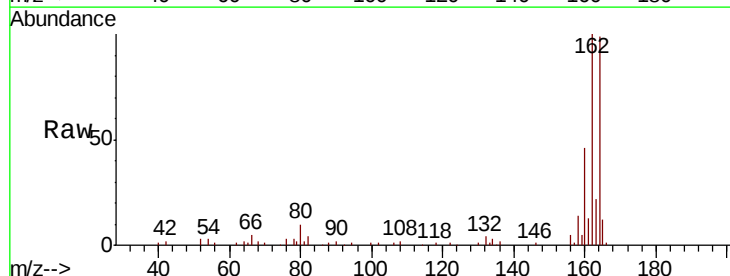


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

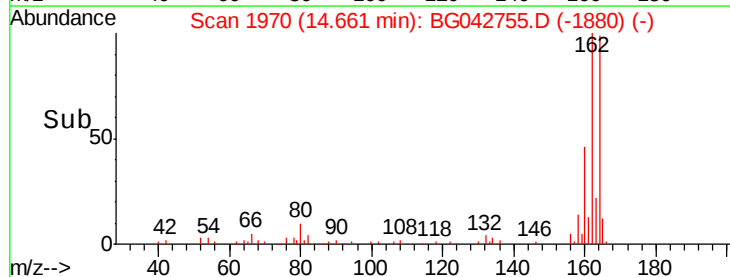
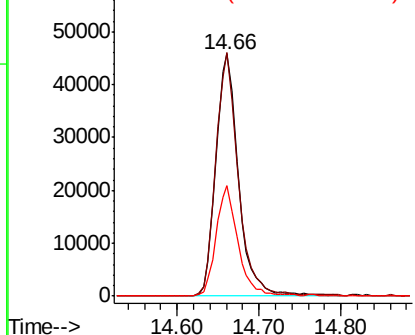


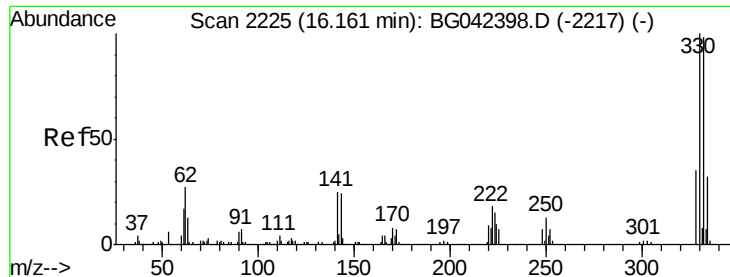
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042755.D
Acq: 6 Sep 2019 19:52

Tgt Ion:164 Resp: 88503
Ion Ratio Lower Upper
164 100
162 100.7 79.9 119.9
160 45.9 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

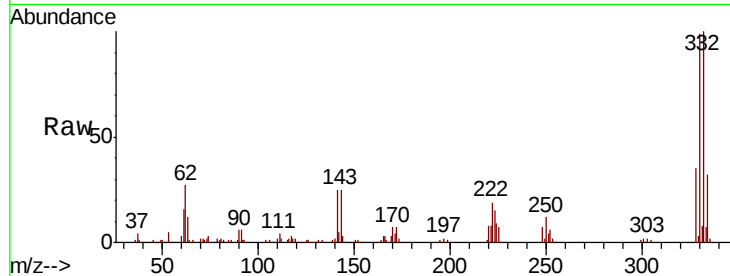




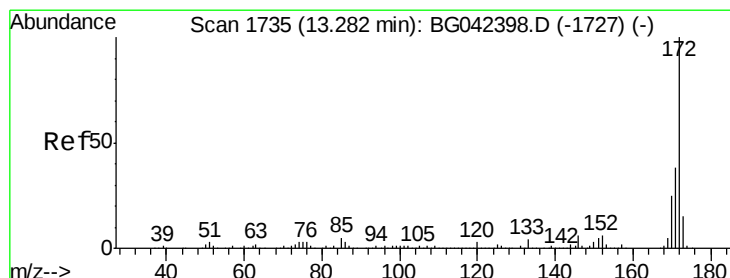
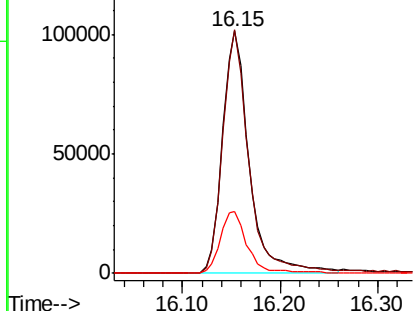
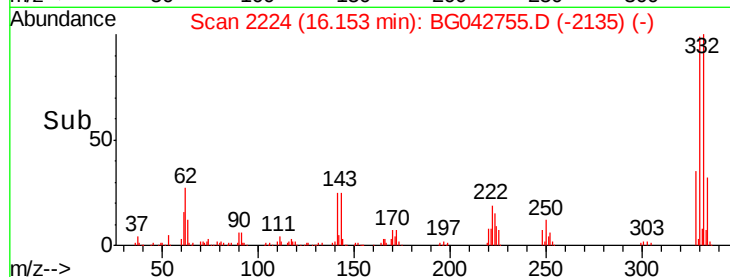
#42
 2,4,6-Tribromophenol
 Concen: 153.601 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042755.D
 Acq: 6 Sep 2019 19:52

Instrument :
 BNA_G
 ClientSampleId :
 PB122847BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.4	116.0
141	25.8	21.4	32.0

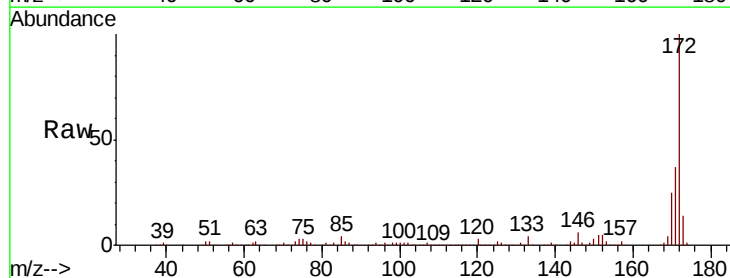


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

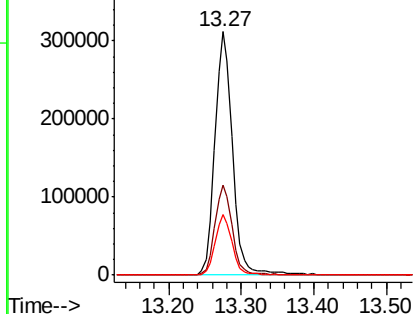
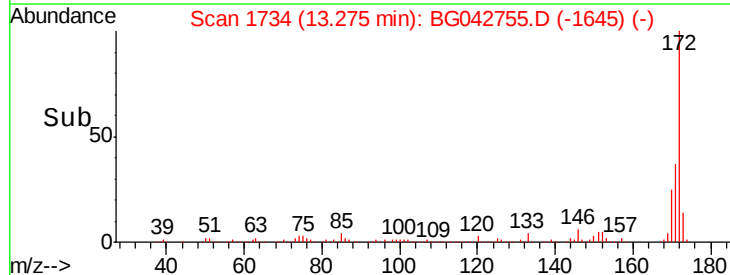


#45
 2-Fluorobiphenyl
 Concen: 100.993 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042755.D
 Acq: 6 Sep 2019 19:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.9	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

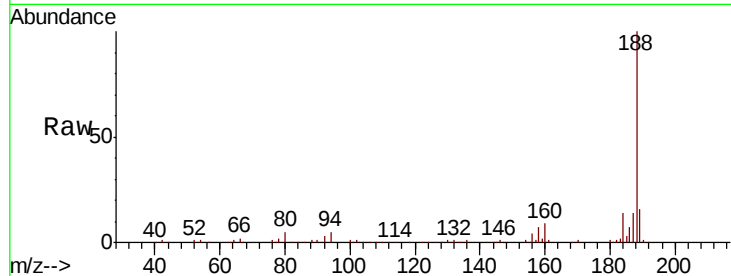




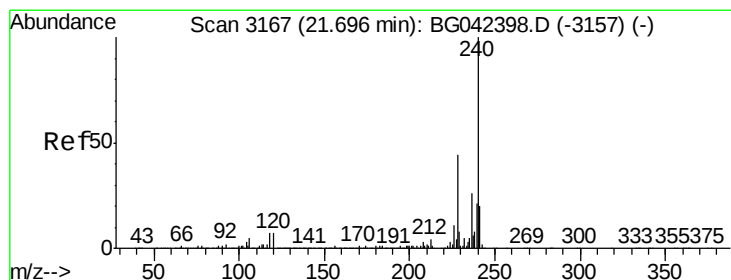
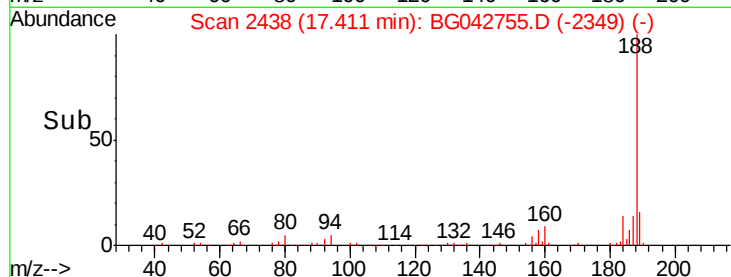
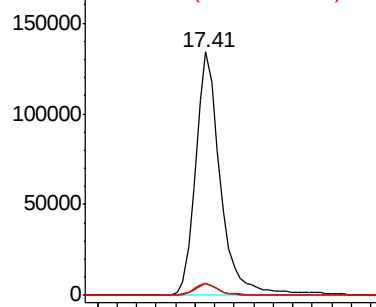
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042755.D
Acq: 6 Sep 2019 19:52

Instrument :
BNA_G
ClientSampleId :
PB122847BL

Tot Ion:188 Resp: 234781
Ion Ratio Lower Upper
188 100
94 5.0 4.5 6.7
80 4.7 4.9 7.3#

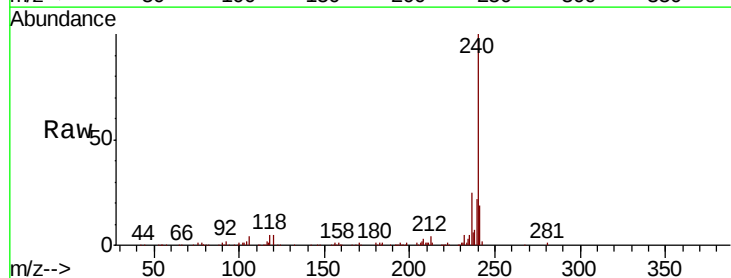


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

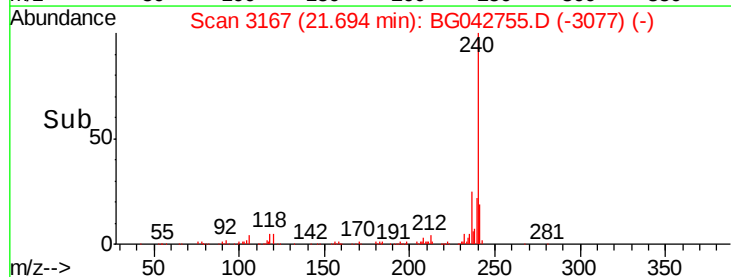
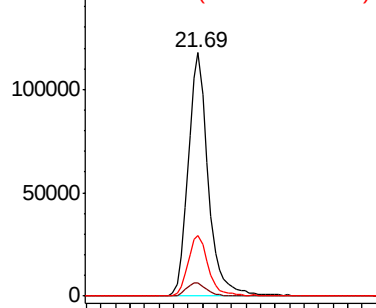


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042755.D
Acq: 6 Sep 2019 19:52

Tgt Ion:240 Resp: 226582
Ion Ratio Lower Upper
240 100
120 5.2 5.7 8.5#
236 24.9 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: 121.319 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042755.D

Acq: 6 Sep 2019 19:52

Instrument :

BNA_G

ClientSampleId :

PB122847BL

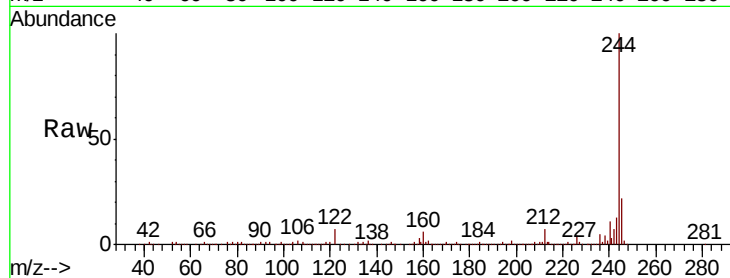
Tot Ion:244 Resp: 1271497

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

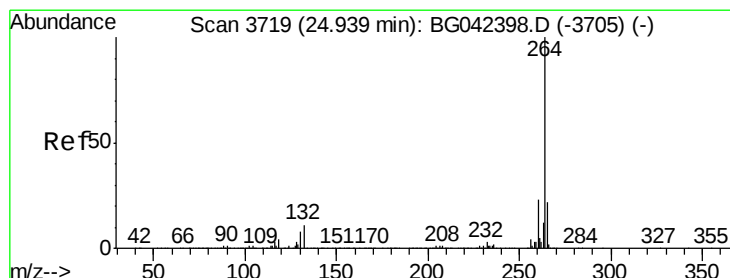
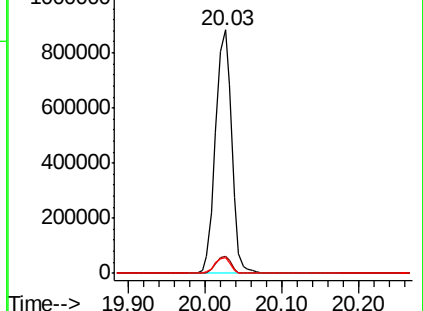
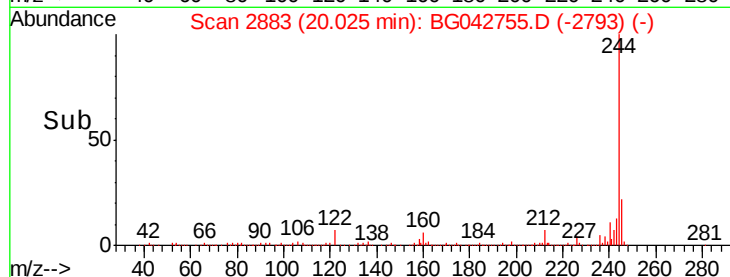
122 6.6 6.7 10.1#



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: 24.94 min Scan# 3720

Delta R.T. 0.00 min

Lab File: BG042755.D

Acq: 6 Sep 2019 19:52

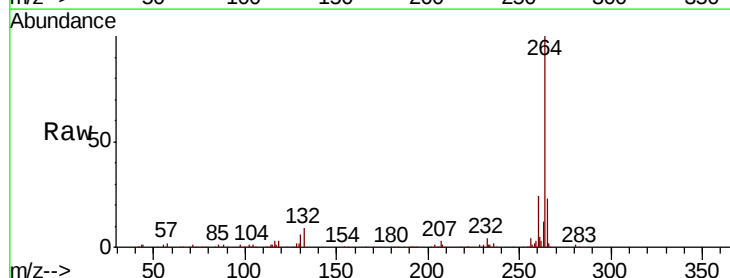
Tgt Ion:264 Resp: 248084

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.9 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

