

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042739.D
 Acq On : 6 Sep 2019 4:19
 Operator : HP/JU
 Sample : K4694-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1-1-4-(0-1.5)

Quant Time: Sep 06 07:52:30 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	30508	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	108744	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	76912	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	189713	20.00	ng	0.00
76) Chrysene-d12	21.69	240	229651	20.00	ng	0.00
87) Perylene-d12	24.93	264	267892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	194553	129.16	ng	0.00
7) Phenol-d6	7.16	99	222612	109.41	ng	-0.01
23) Nitrobenzene-d5	9.16	82	157948	100.37	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	175216	160.28	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	508584	111.84	ng	0.00
79) Terphenyl-d14	20.02	244	1123034	105.72	ng	0.00

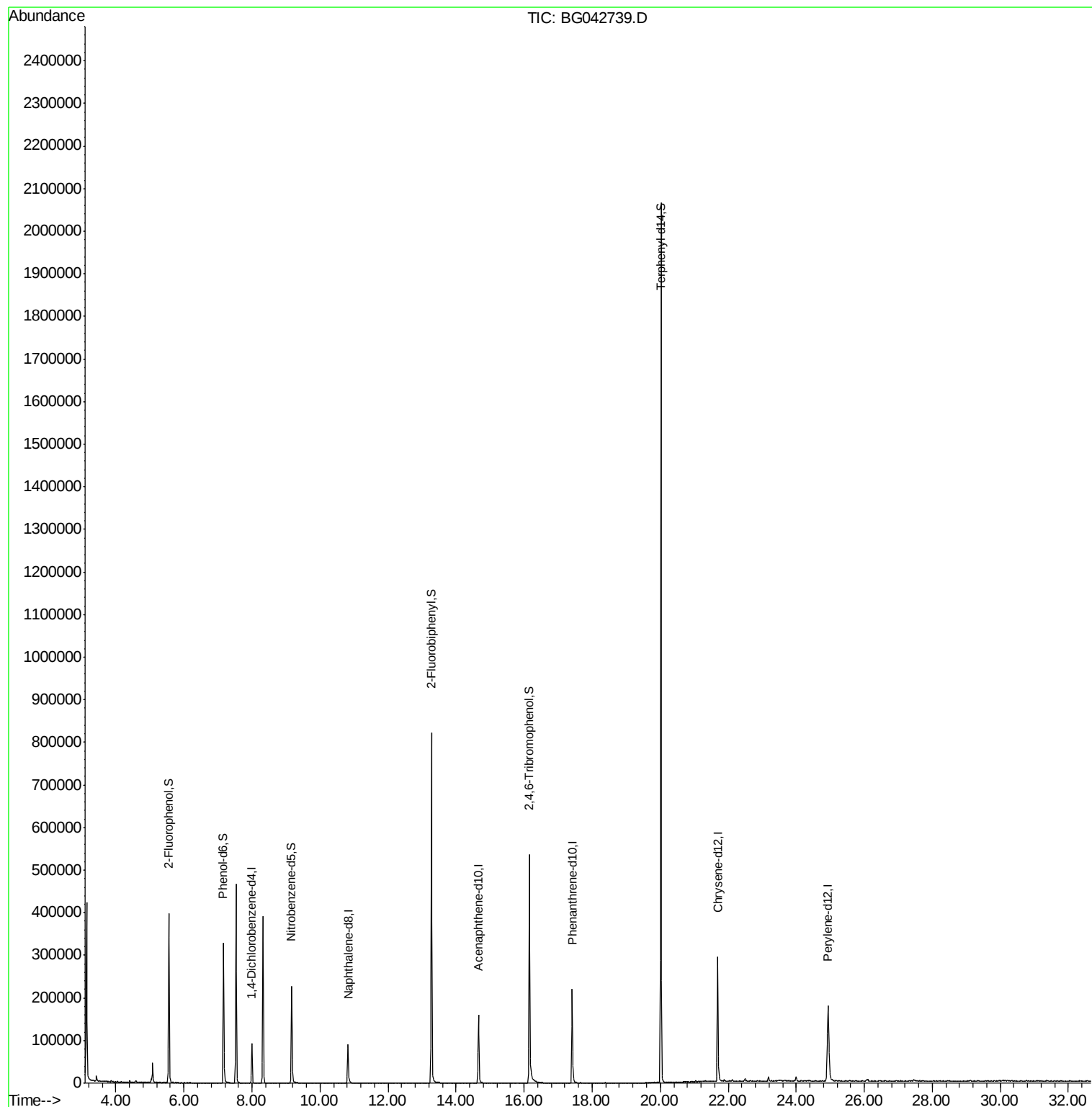
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042739.D
Acq On : 6 Sep 2019 4:19
Operator : HP/JU
Sample : K4694-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T1-1-4-(0-1.5)

Quant Time: Sep 06 07:52:30 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



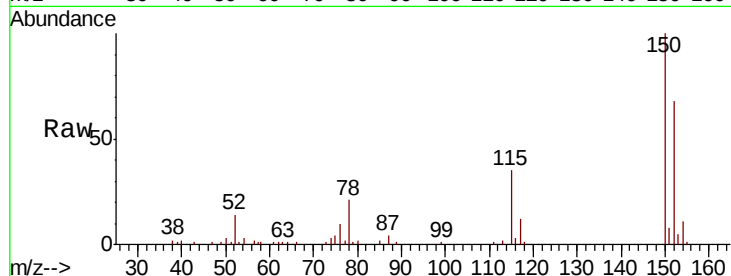


#1

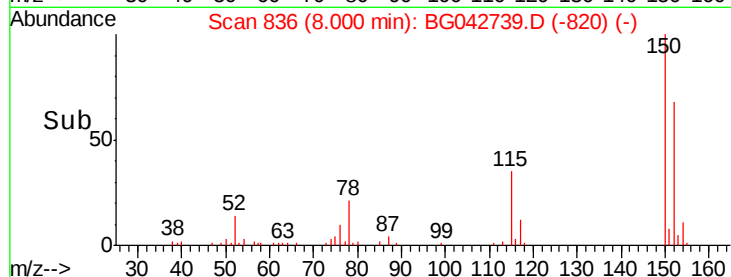
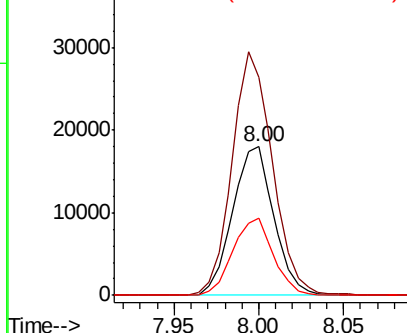
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Instrument :
BNA_G
ClientSampleId :
T1-1-4-(0-1.5)

Tot Ion:152 Resp: 30508
Ion Ratio Lower Upper
152 100
150 146.5 125.4 188.0
115 51.9 38.5 57.7



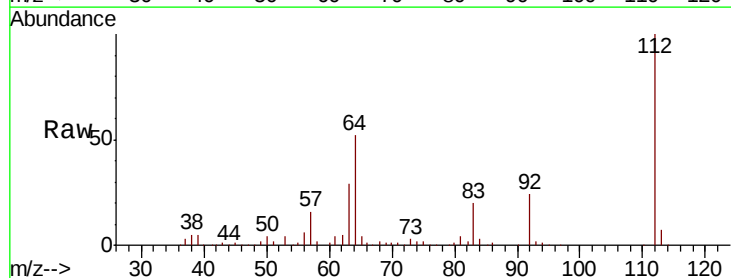
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



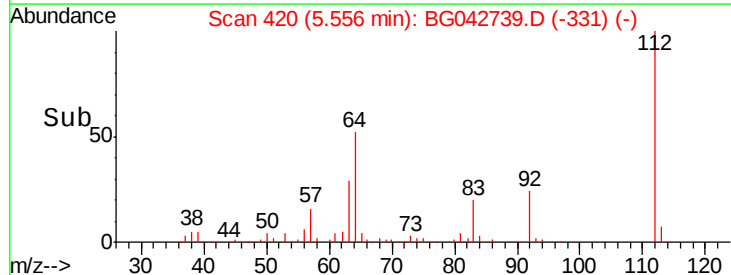
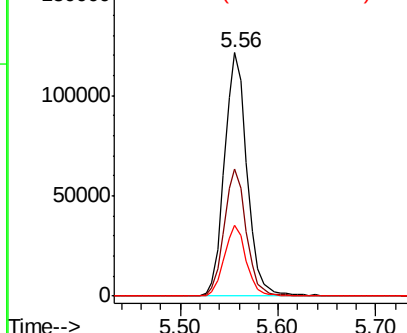
#5

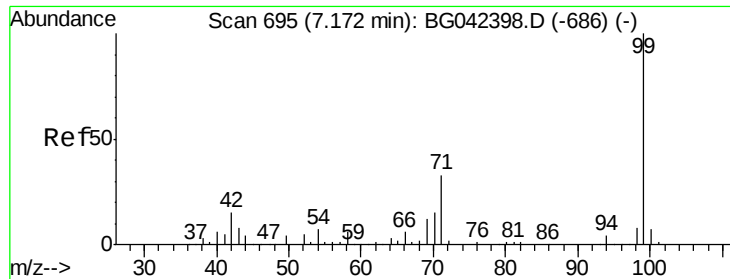
2-Fluorophenol
Concen: 129.155 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Tgt Ion:112 Resp: 194553
Ion Ratio Lower Upper
112 100
64 52.3 42.8 64.2
63 28.9 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.406 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042739.D

Acq: 6 Sep 2019 4:19

Instrument :

BNA_G

ClientSampleId :

T1-1-4-(0-1.5)

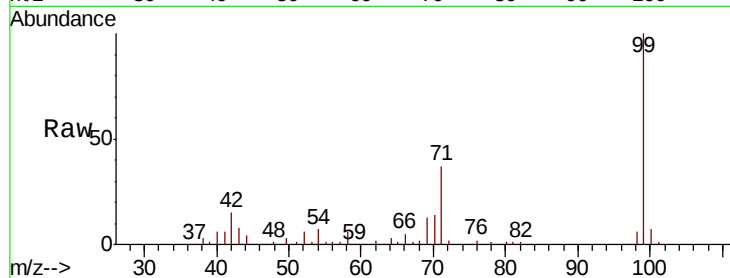
Tot Ion: 99 Resp: 222612

Ion Ratio Lower Upper

99 100

42 15.1 12.0 18.0

71 36.8 26.3 39.5

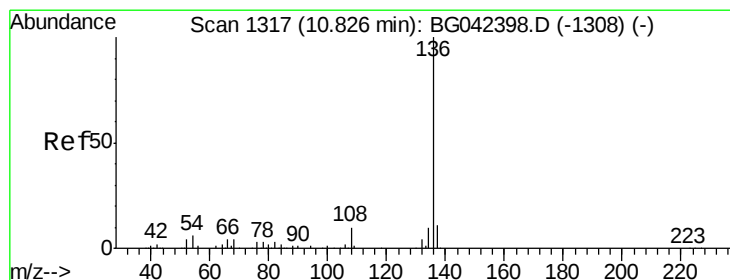
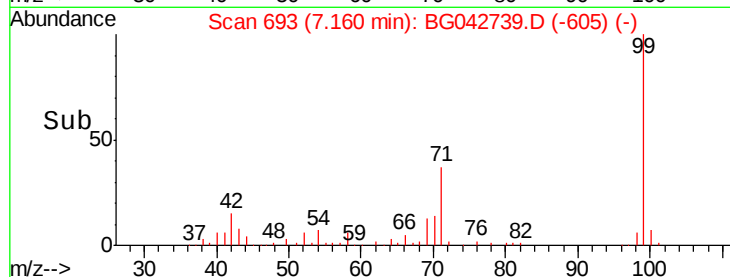
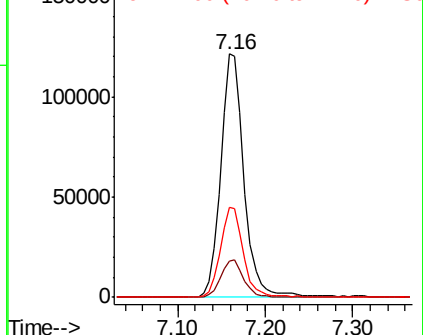


Abundance

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: BG042739.D

Acq: 6 Sep 2019 4:19

Tgt Ion: 136 Resp: 108744

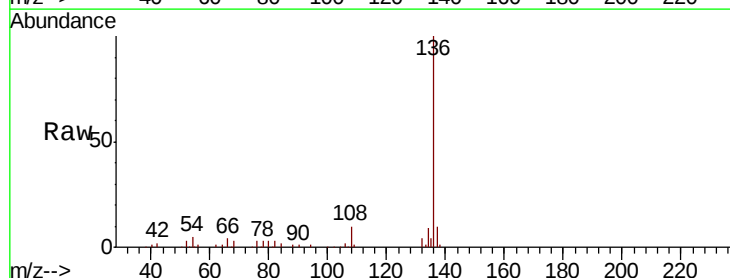
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 4.9 4.9 7.3#

68 3.0 3.6 5.4#



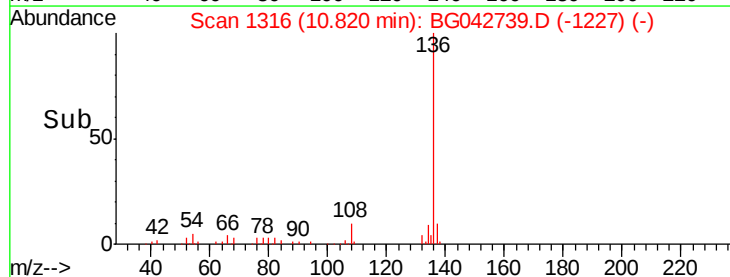
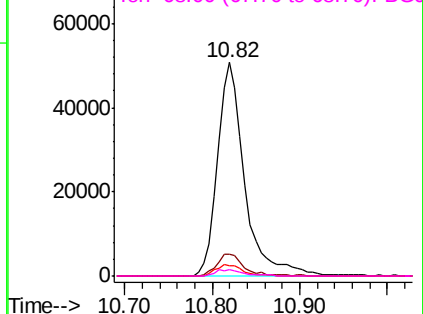
Abundance

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

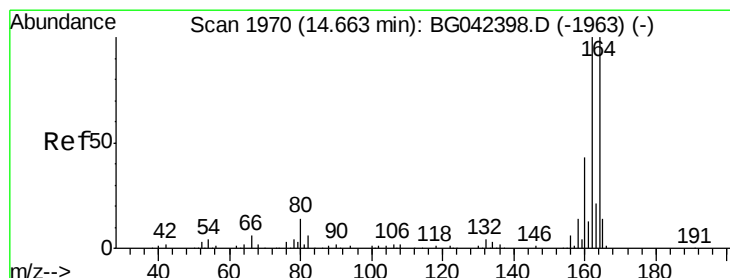
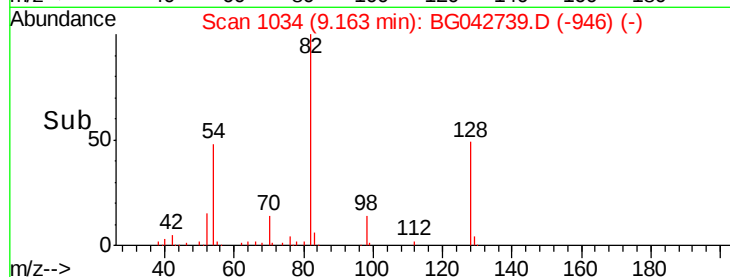
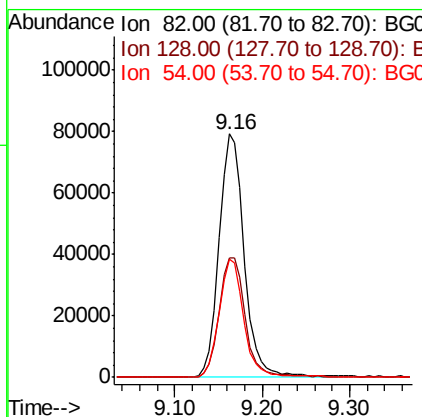
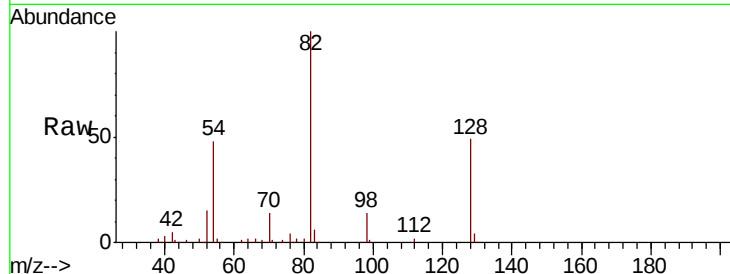




#23
Nitrobenzene-d5
Concen: 100.372 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

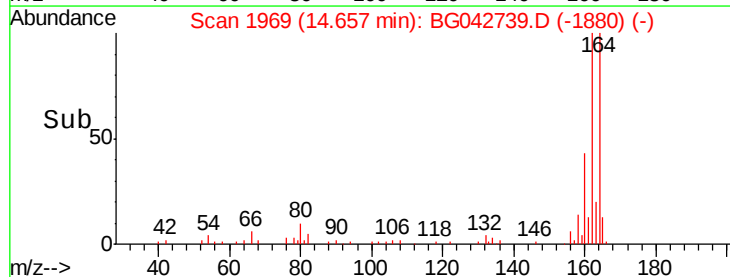
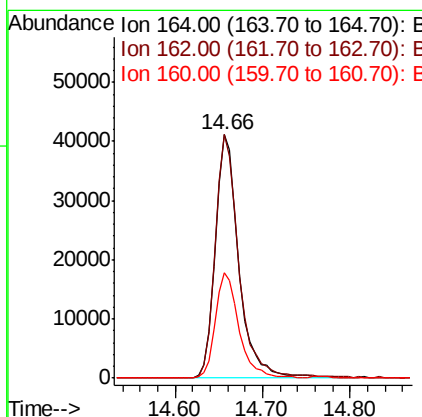
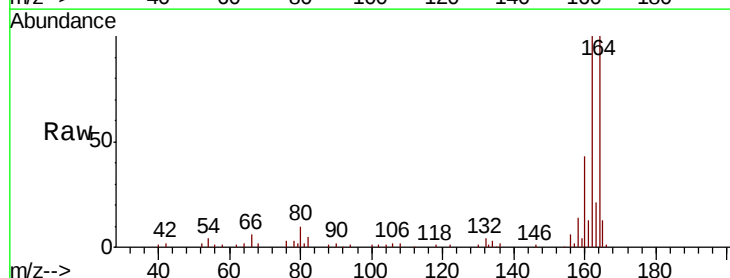
Instrument :
BNA_G
ClientSampleId :
T1-1-4-(0-1.5)

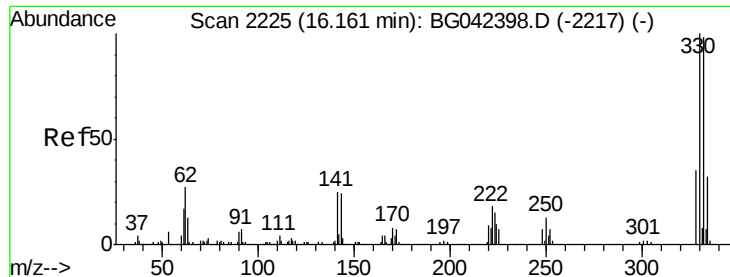
Tot Ion	82	Resp	157948
Ion Ratio	Lower	Upper	
82	100		
128	49.2	40.7	61.1
54	48.4	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Tgt Ion	164	Resp	76912
Ion Ratio	Lower	Upper	
164	100		
162	100.0	79.9	119.9
160	43.3	34.3	51.5

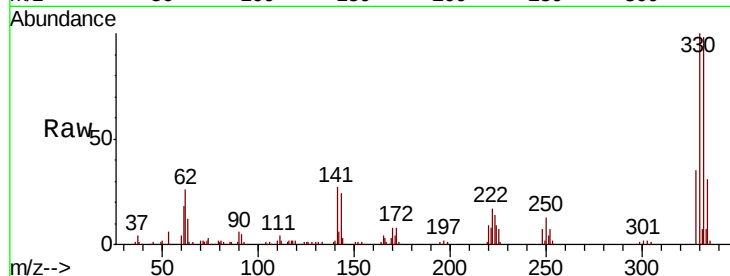




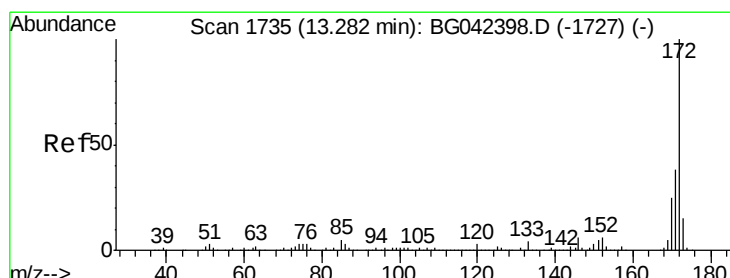
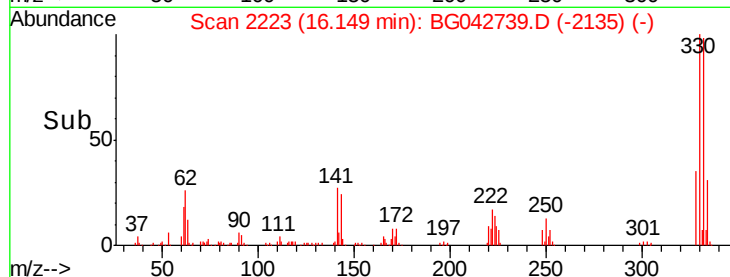
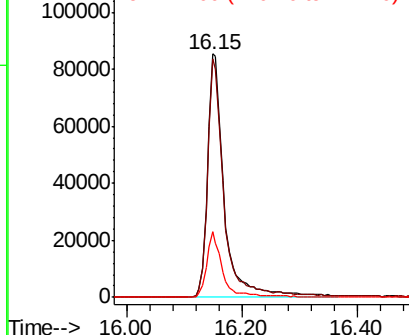
#42
 2,4,6-Tribromophenol
 Concen: 160.281 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042739.D
 Acq: 6 Sep 2019 4:19

Instrument :
 BNA_G
 ClientSampleId :
 T1-1-4-(0-1.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.0
141	24.6	21.4	32.0

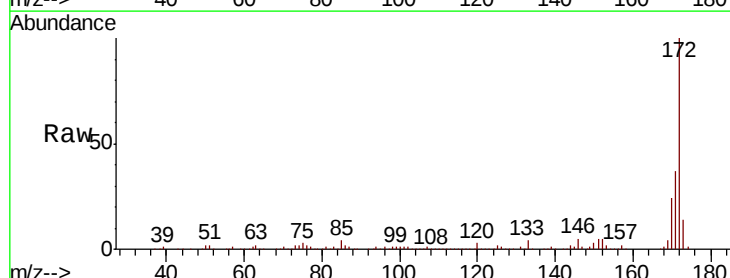


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

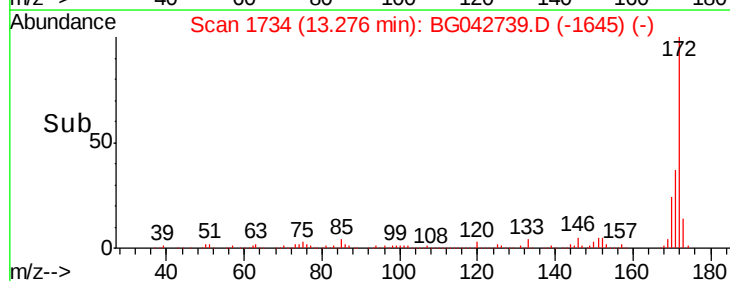
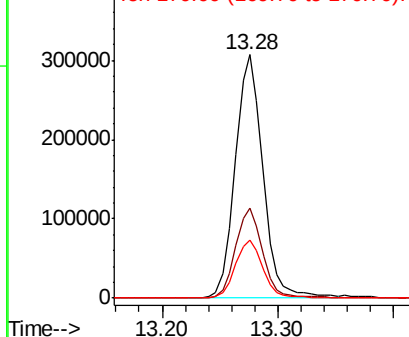


#45
 2-Fluorobiphenyl
 Concen: 111.837 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042739.D
 Acq: 6 Sep 2019 4:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	23.8	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

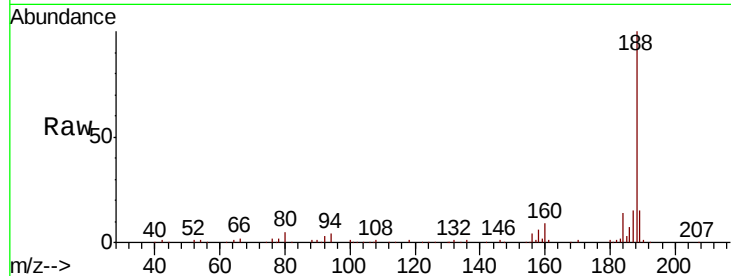




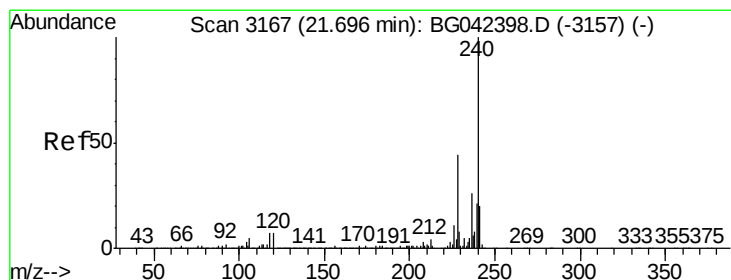
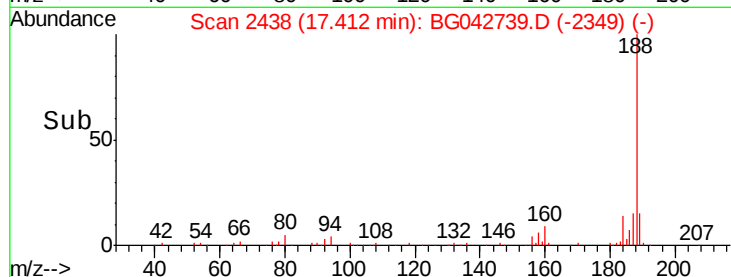
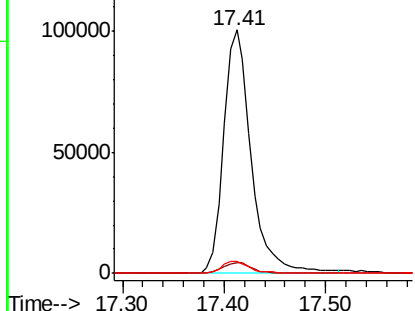
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Instrument :
BNA_G
ClientSampleId :
T1-1-4-(0-1.5)

Tot Ion	Ratio	Lower	Upper
188	100		
94	4.5	4.5	6.7
80	5.2	4.9	7.3

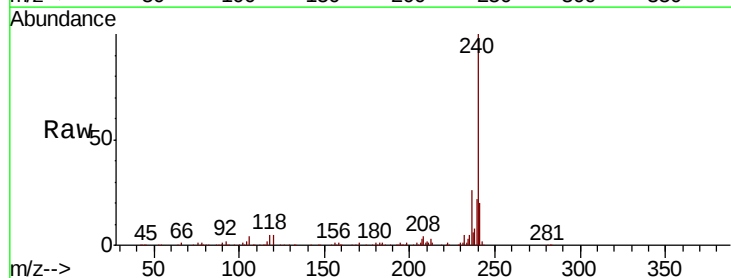


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

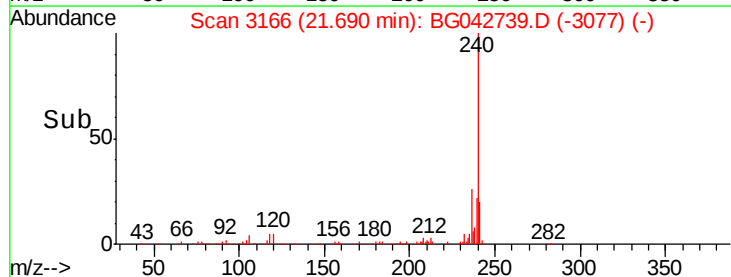
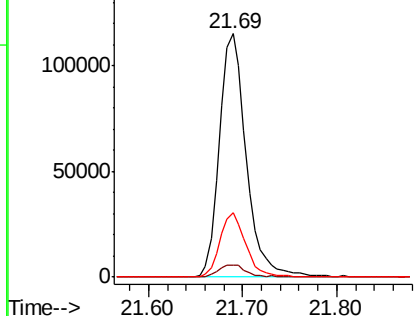


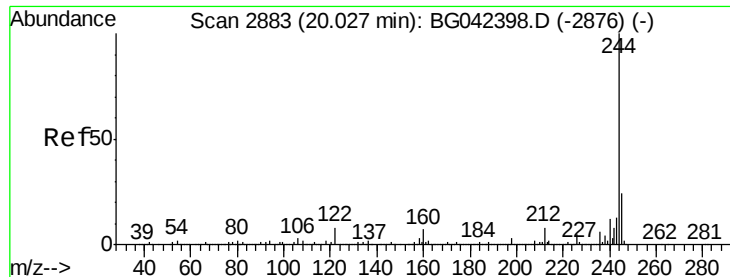
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042739.D
Acq: 6 Sep 2019 4:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.7	8.5#
236	26.4	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: 105.722 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042739.D

Acq: 6 Sep 2019 4:19

Instrument :

BNA_G

ClientSampleId :

T1-1-4-(0-1.5)

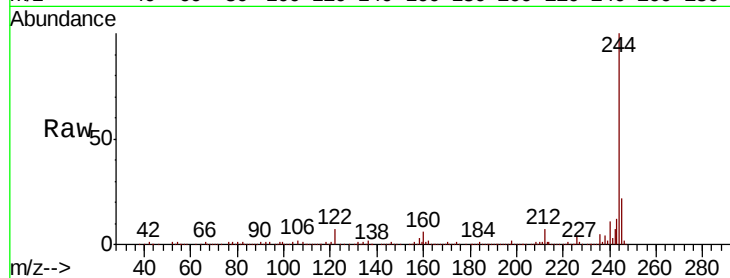
Tot Ion:244 Resp: 1123034

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

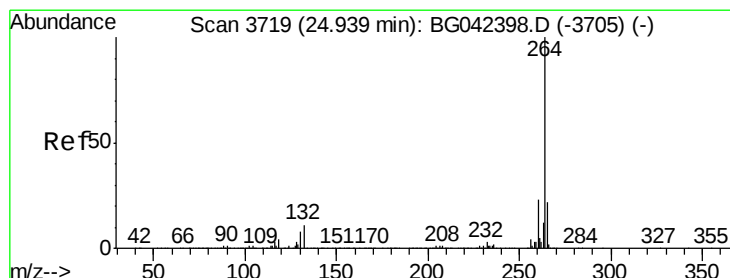
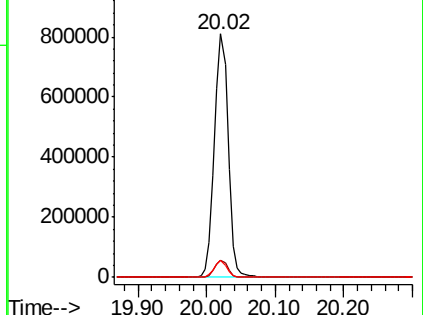
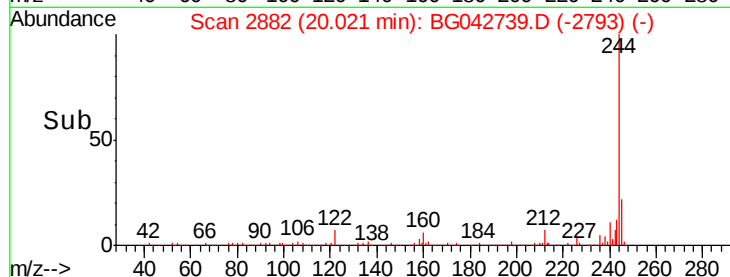
122 6.8 6.7 10.1



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042739.D

Acq: 6 Sep 2019 4:19

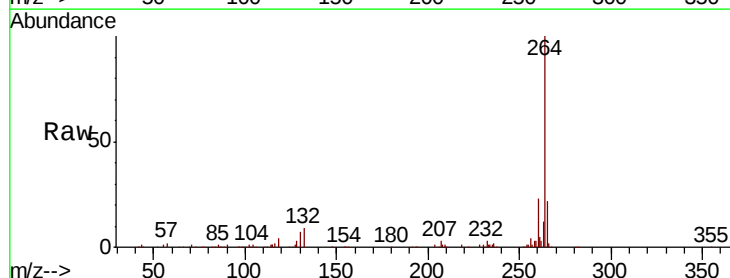
Tgt Ion:264 Resp: 267892

Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

265 22.2 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

