

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042740.D
 Acq On : 6 Sep 2019 4:57
 Operator : HP/JU
 Sample : K4694-30
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T2-1-4-(0-1.5)

Quant Time: Sep 06 07:54:54 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	31185	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	111404	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	79431	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	188464	20.00	ng	0.00
76) Chrysene-d12	21.69	240	229058	20.00	ng	0.00
87) Perylene-d12	24.93	264	269769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	181054	117.58	ng	0.00
7) Phenol-d6	7.16	99	200599	96.45	ng	0.00
23) Nitrobenzene-d5	9.17	82	157433	97.66	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	167894	148.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	517965	110.29	ng	0.00
79) Terphenyl-d14	20.02	244	1109780	104.74	ng	0.00

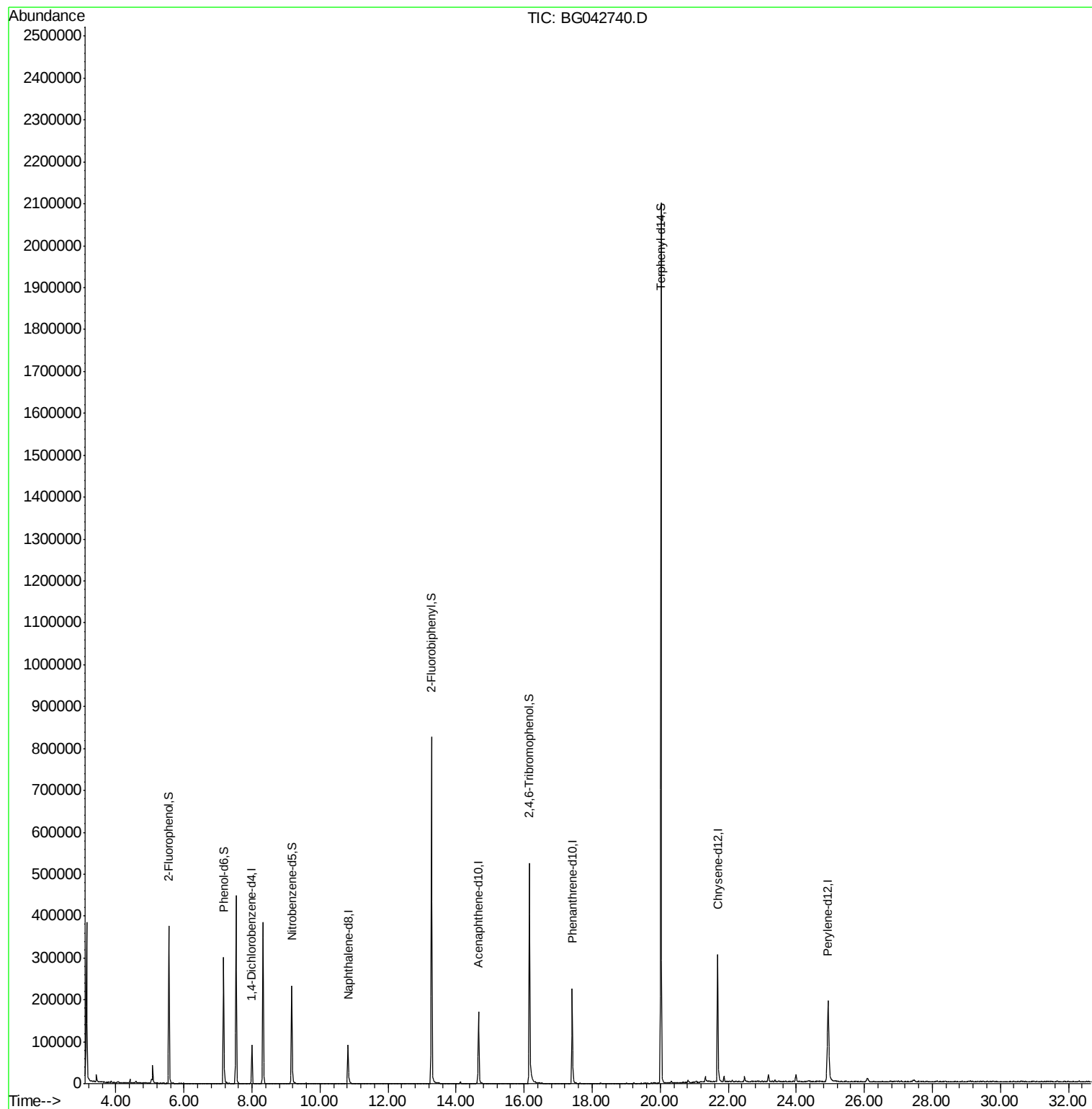
Target Compounds Qvalue

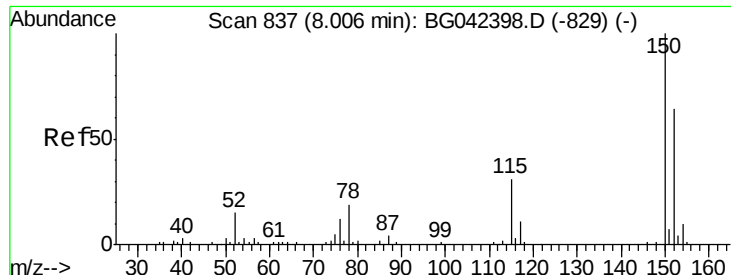
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 22 14:29:15 2019
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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: BG042740.D

Acq: 6 Sep 2019 4:57

Instrument :

BNA_G

ClientSampleId :

T2-1-4-(0-1.5)

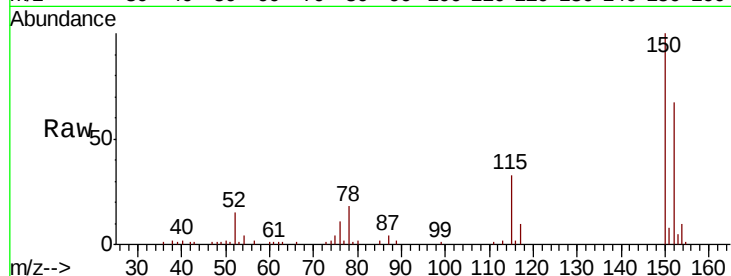
Tot Ion:152 Resp: 31185

Ion Ratio Lower Upper

152 100

150 148.4 125.4 188.0

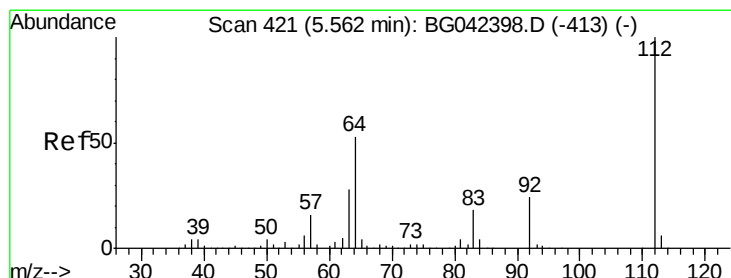
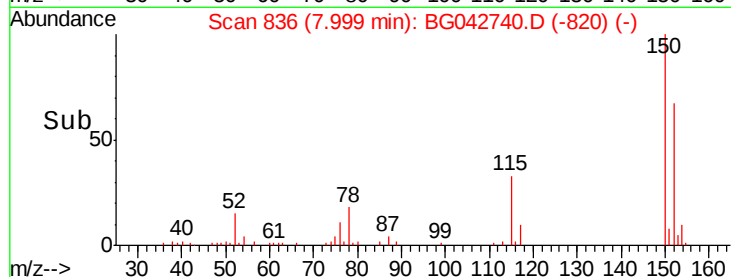
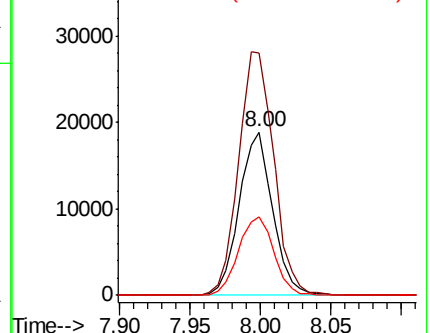
115 48.3 38.5 57.7



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: 117.584 ng

RT: 5.55 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042740.D

Acq: 6 Sep 2019 4:57

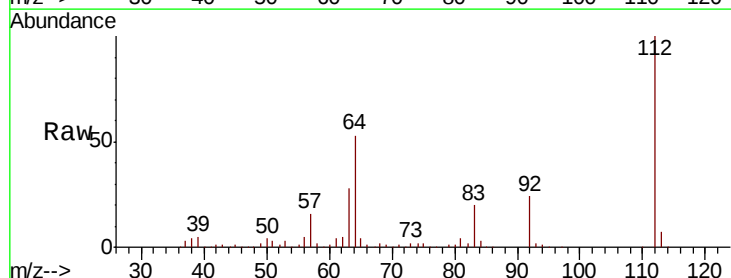
Tgt Ion:112 Resp: 181054

Ion Ratio Lower Upper

112 100

64 52.8 42.8 64.2

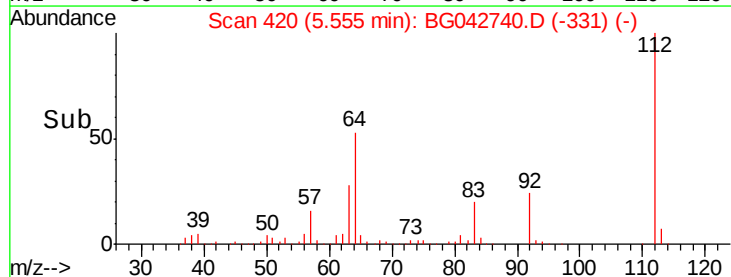
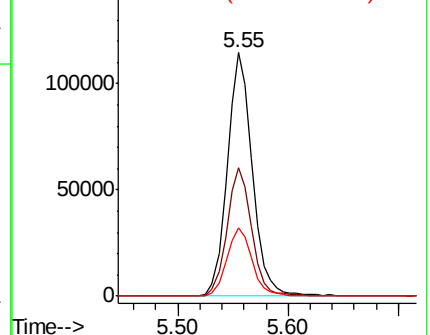
63 28.1 22.7 34.1

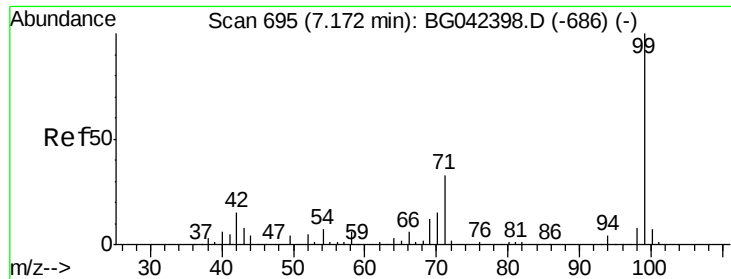


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.447 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042740.D

Acq: 6 Sep 2019 4:57

Instrument :

BNA_G

ClientSampleId :

T2-1-4-(0-1.5)

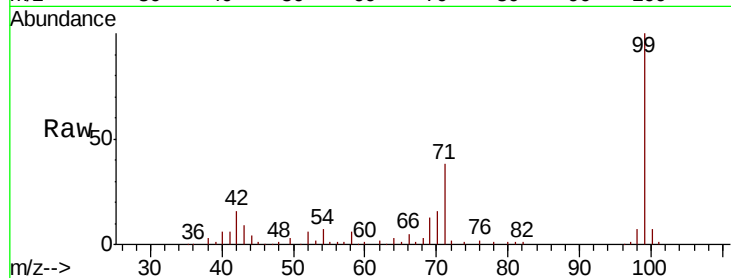
Tot Ion: 99 Resp: 200599

Ion Ratio Lower Upper

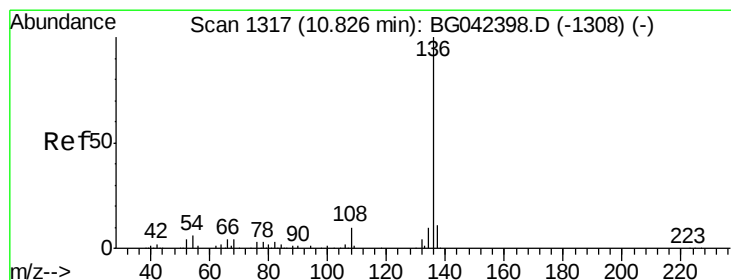
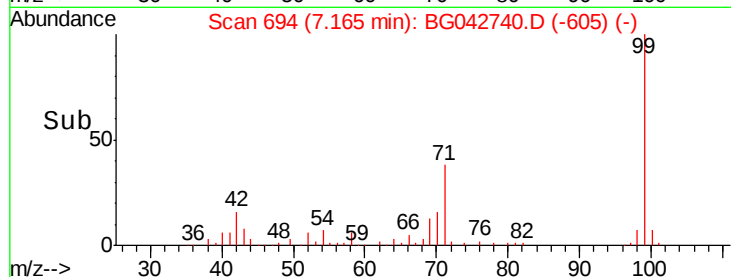
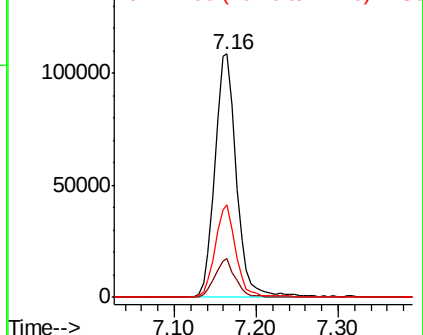
99 100

42 15.9 12.0 18.0

71 37.8 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: BG042740.D

Acq: 6 Sep 2019 4:57

Tgt Ion: 136 Resp: 111404

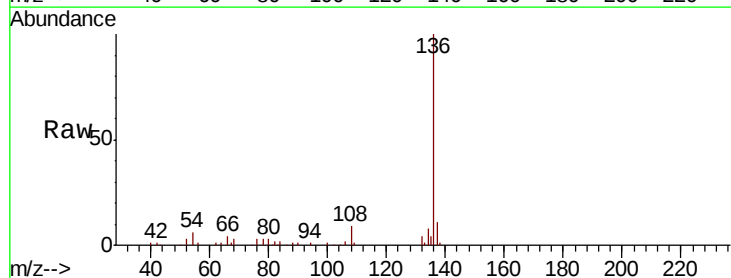
Ion Ratio Lower Upper

136 100

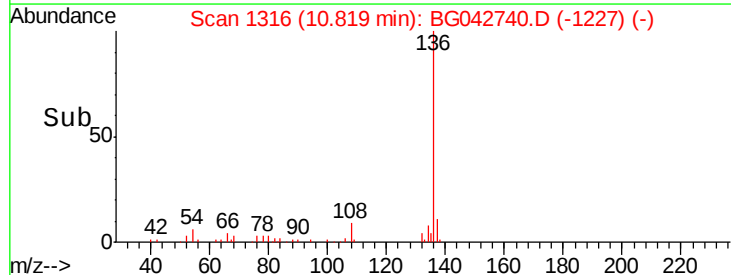
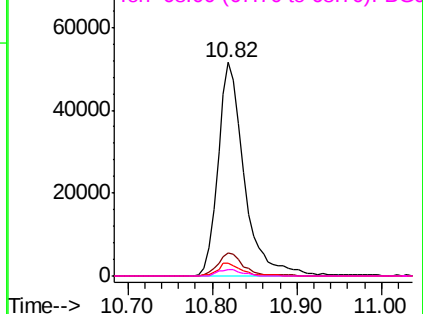
137 10.6 8.7 13.1

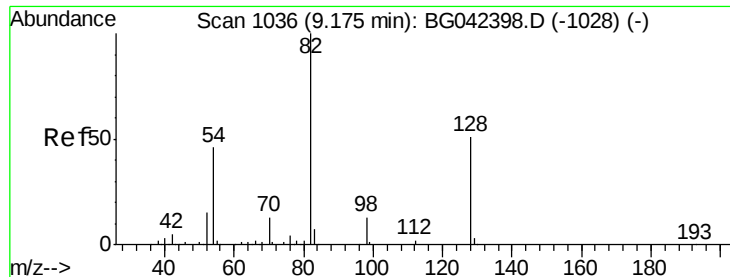
54 5.8 4.9 7.3

68 2.9 3.6 5.4#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

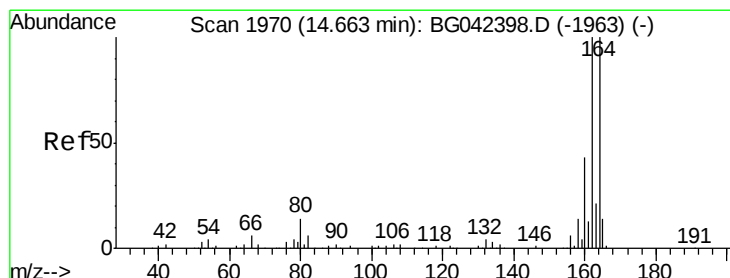
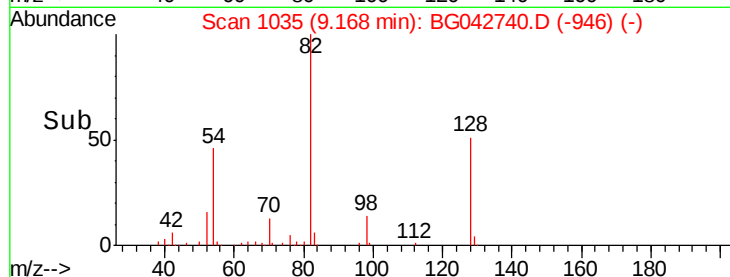
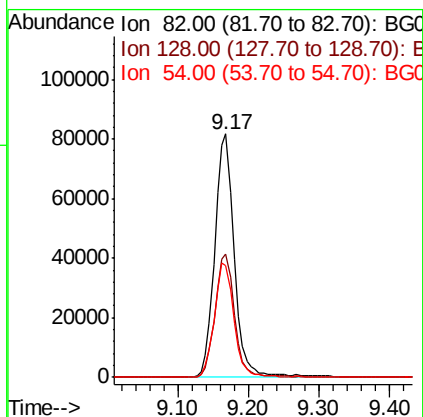
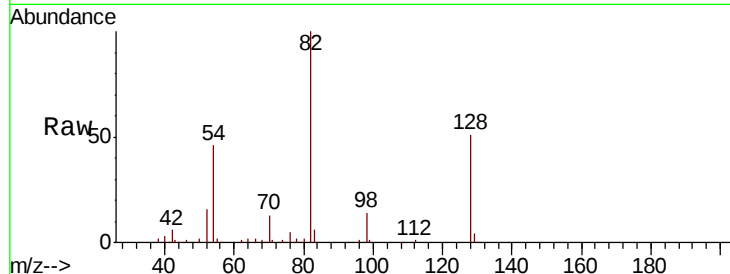




#23
Nitrobenzene-d5
Concen: 97.656 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042740.D
Acq: 6 Sep 2019 4:57

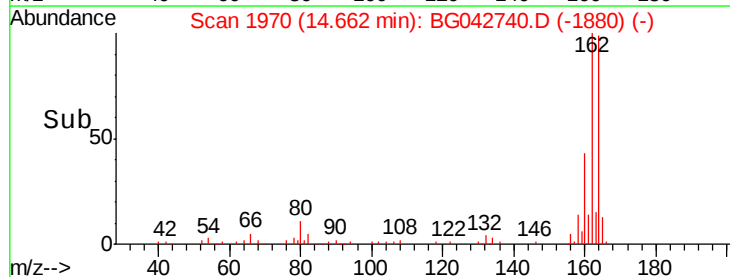
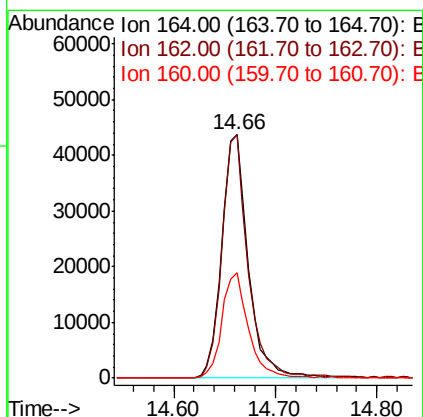
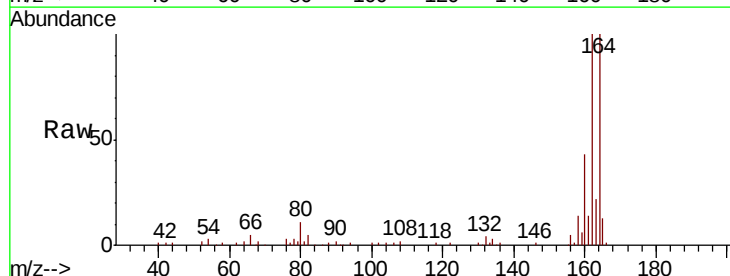
Instrument :
BNA_G
ClientSampleId :
T2-1-4-(0-1.5)

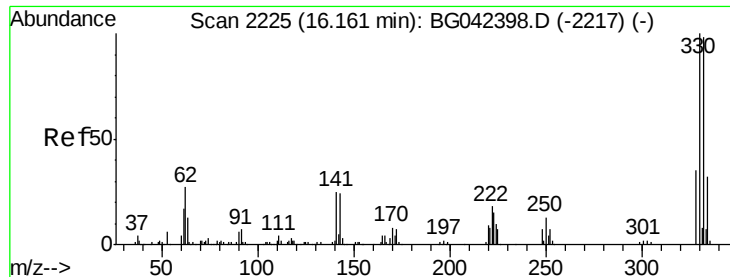
Tot Ion	82	Resp	157433
Ion Ratio	Lower	Upper	
82	100		
128	50.5	40.7	61.1
54	45.8	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042740.D
Acq: 6 Sep 2019 4:57

Tgt Ion	164	Resp	79431
Ion Ratio	Lower	Upper	
164	100		
162	99.9	79.9	119.9
160	43.3	34.3	51.5

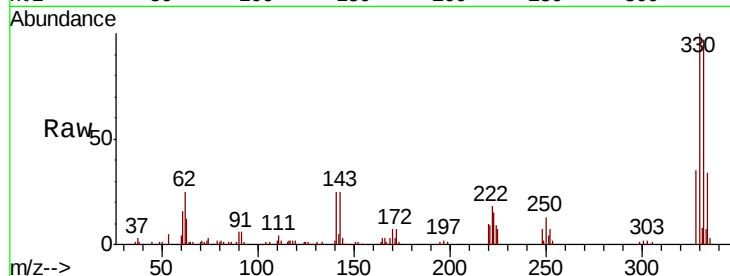




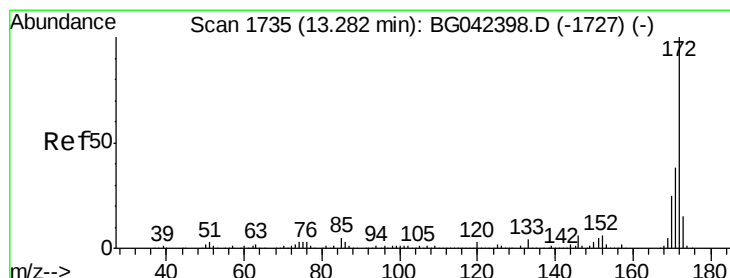
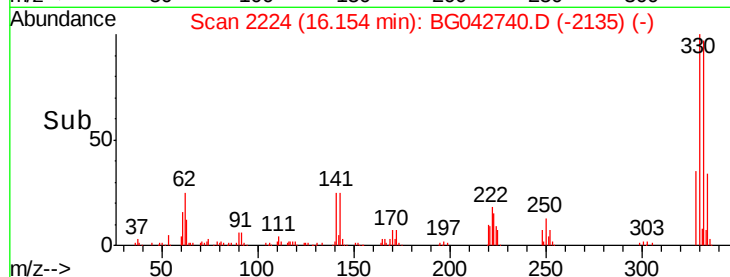
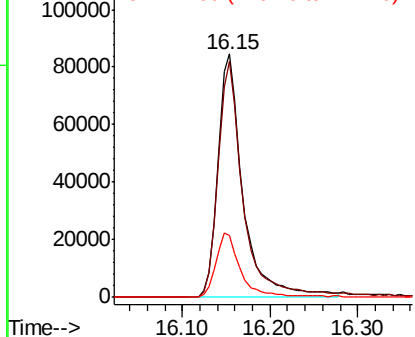
#42
 2,4,6-Tribromophenol
 Concen: 148.713 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042740.D
 Acq: 6 Sep 2019 4:57

Instrument :
 BNA_G
 ClientSampled :
 T2-1-4-(0-1.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.0
141	26.2	21.4	32.0

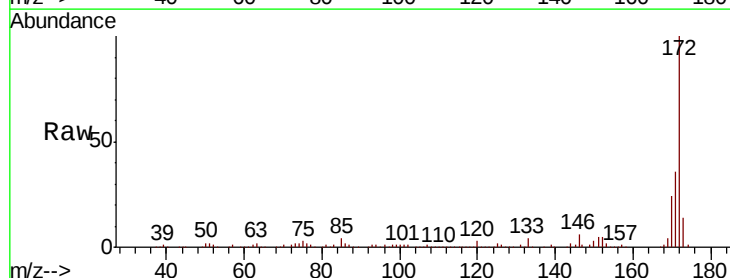


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

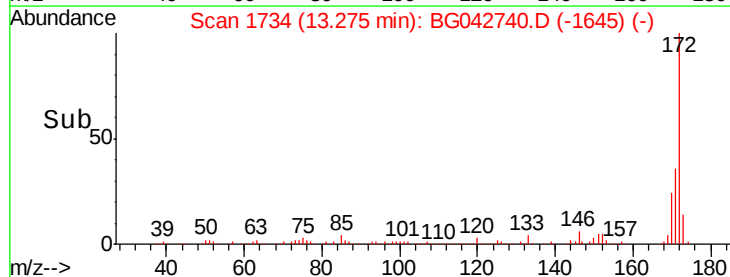
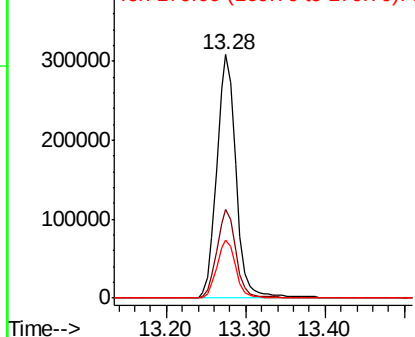


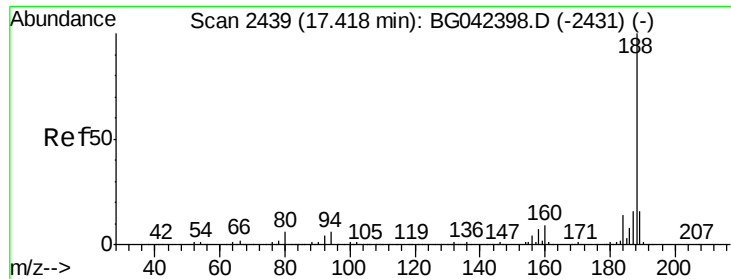
#45
 2-Fluorobiphenyl
 Concen: 110.288 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042740.D
 Acq: 6 Sep 2019 4:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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: BG042740.D

Acq: 6 Sep 2019 4:57

Instrument :

BNA_G

ClientSampleId :

T2-1-4-(0-1.5)

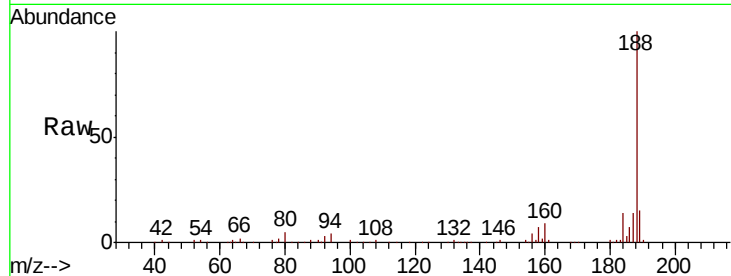
Tot Ion:188 Resp: 188464

Ion Ratio Lower Upper

188 100

94 4.3 4.5 6.7#

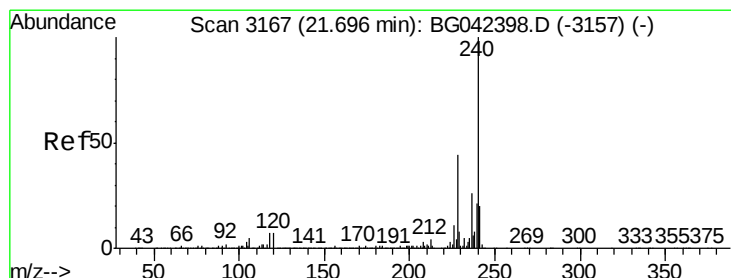
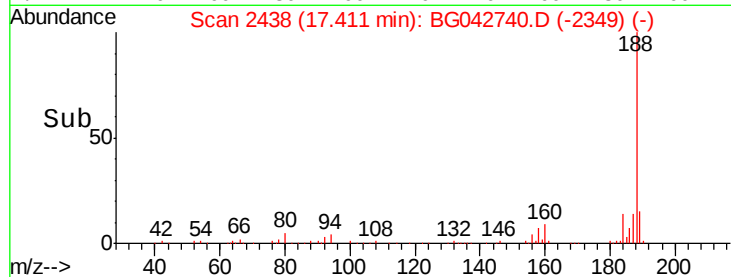
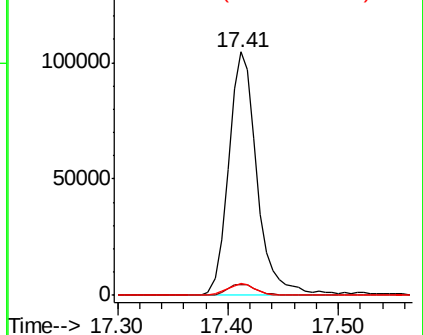
80 5.0 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042740.D

Acq: 6 Sep 2019 4:57

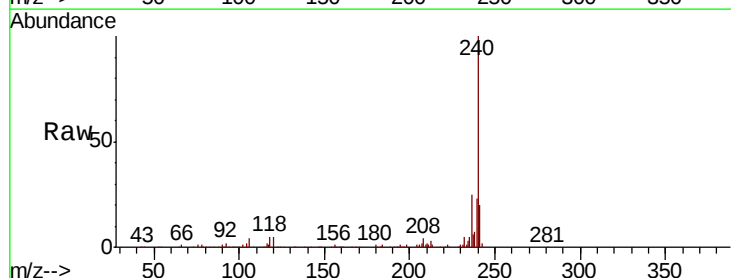
Tgt Ion:240 Resp: 229058

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

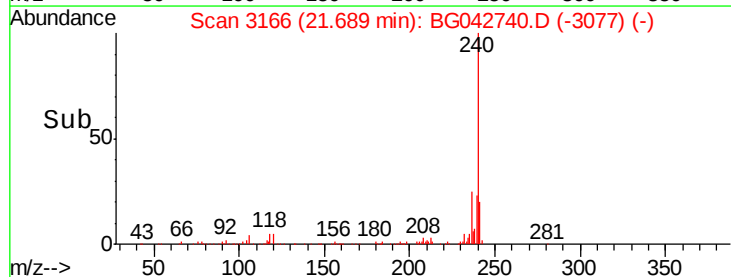
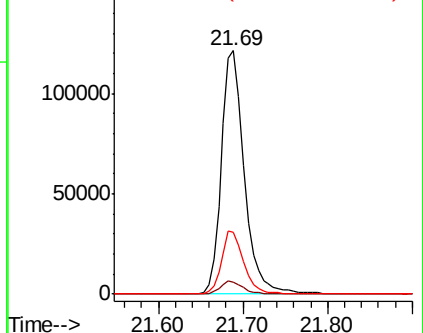
236 25.4 21.0 31.4

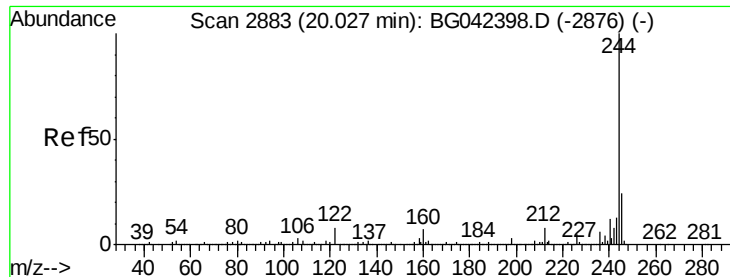


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.744 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042740.D

Acq: 6 Sep 2019 4:57

Instrument :

BNA_G

ClientSampleId :

T2-1-4-(0-1.5)

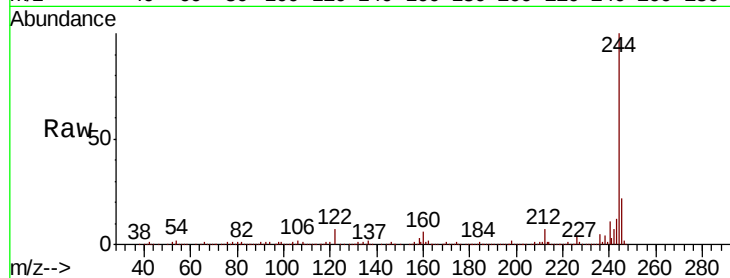
Tot Ion:244 Resp: 1109780

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	6.9	6.7	10.1

244 100

212 7.3 6.0 9.0

122 6.9 6.7 10.1

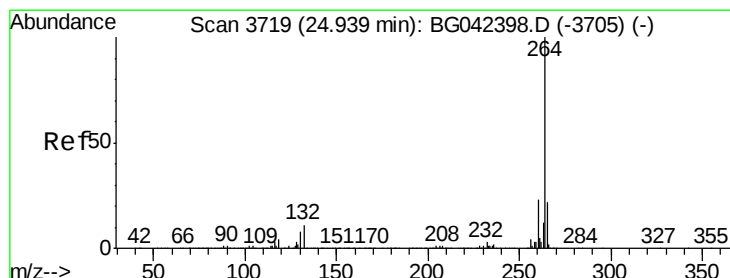
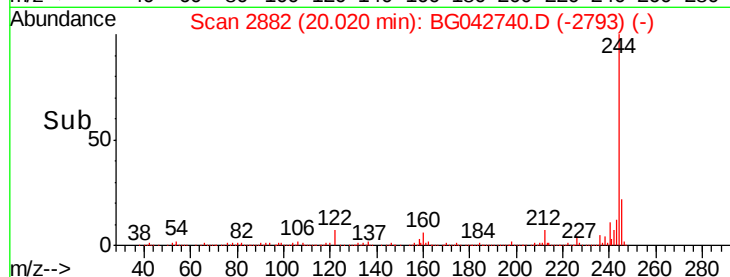
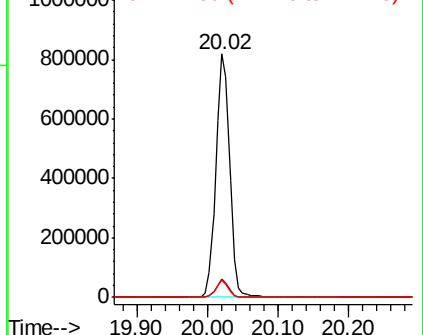


Abundance

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: BG042740.D

Acq: 6 Sep 2019 4:57

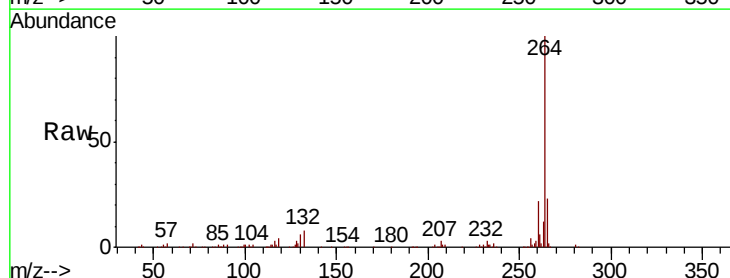
Tgt Ion:264 Resp: 269769

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	23.1	17.6	26.4

264 100

260 22.2 18.5 27.7

265 23.1 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

