

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042677.D
 Acq On : 2 Sep 2019 1:03
 Operator : HP/JU
 Sample : K4554-28
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6-(6-8)

Quant Time: Sep 02 08:23:36 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

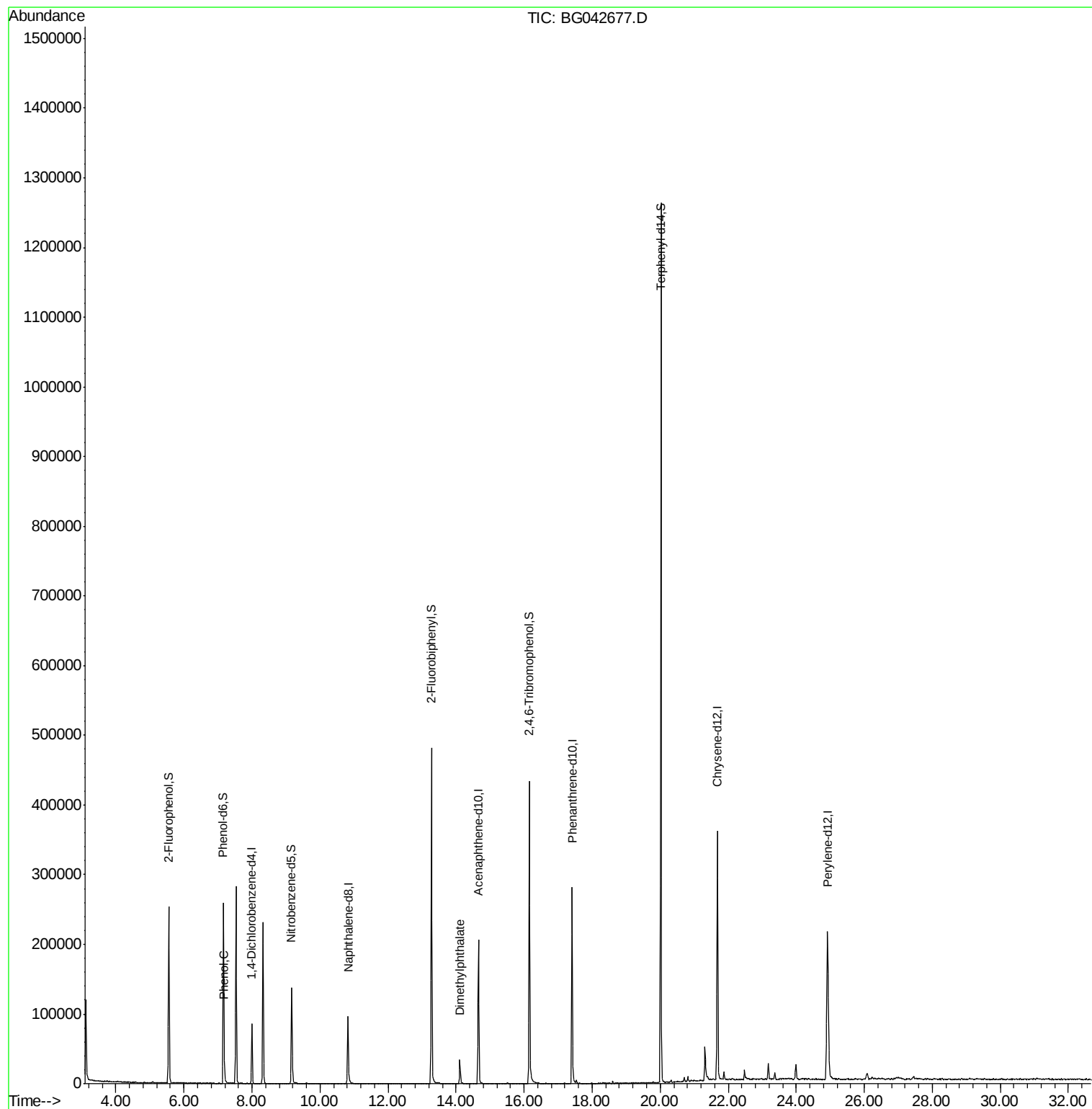
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29701	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	113677	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	90434	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	223436	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	249353	20.00	ng	-0.01
87) Perylene-d12	24.92	264	292394	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	131042	89.36	ng	0.00
7) Phenol-d6	7.16	99	174903	88.29	ng	-0.01
23) Nitrobenzene-d5	9.16	82	97773	59.44	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	125313	97.49	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	320176	59.88	ng	0.00
79) Terphenyl-d14	20.02	244	690538	59.87	ng	0.00
Target Compounds						
10) Phenol	7.19	94	6318	3.137	ng	83
50) Dimethylphthalate	14.11	163	41311	6.331	ng	99

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

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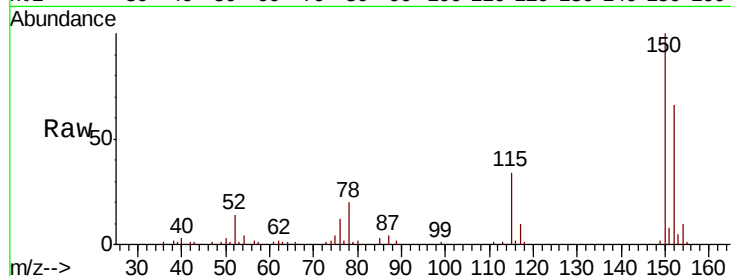


#1

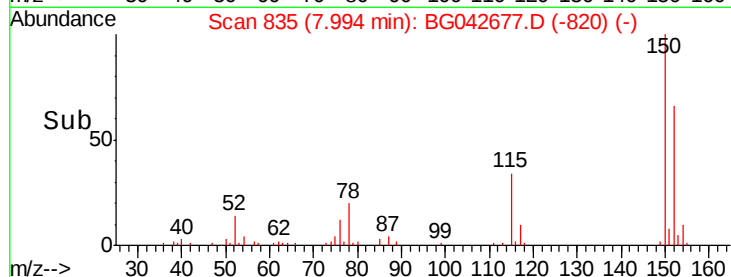
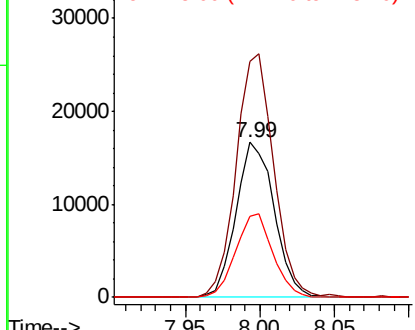
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042677.D
 Acq: 2 Sep 2019 1:03

Instrument :
 BNA_G
 ClientSampleId :
 SB-6-(6-8)

Tot Ion:152 Resp: 29701
 Ion Ratio Lower Upper
 152 100
 150 152.2 125.4 188.0
 115 52.1 38.5 57.7



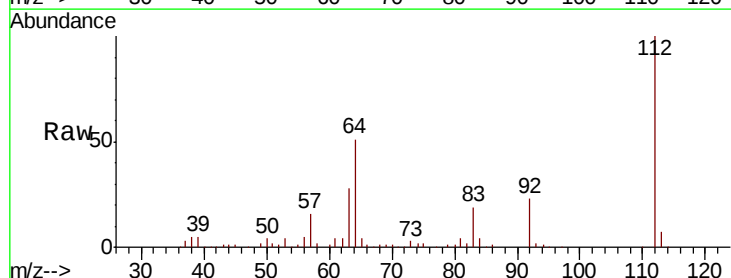
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



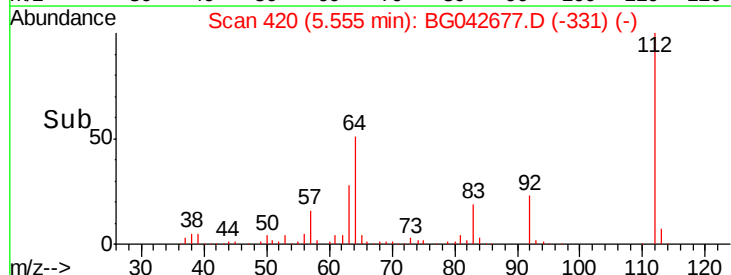
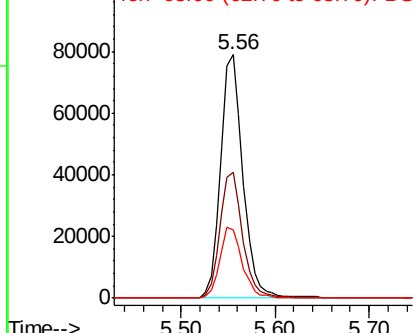
#5

2-Fluorophenol
 Concen: 89.357 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042677.D
 Acq: 2 Sep 2019 1:03

Tgt Ion:112 Resp: 131042
 Ion Ratio Lower Upper
 112 100
 64 51.5 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): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 88.294 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042677.D

Acq: 2 Sep 2019 1:03

Instrument :

BNA_G

ClientSampleId :

SB-6-(6-8)

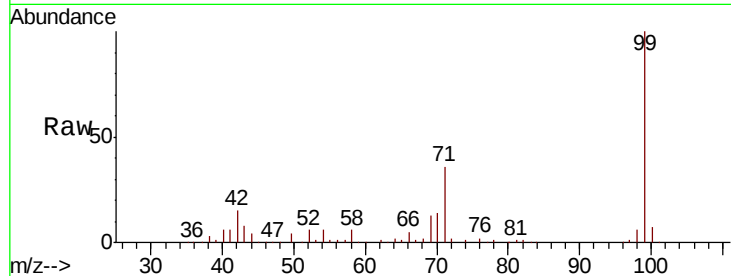
Tot Ion: 99 Resp: 174903

Ion Ratio Lower Upper

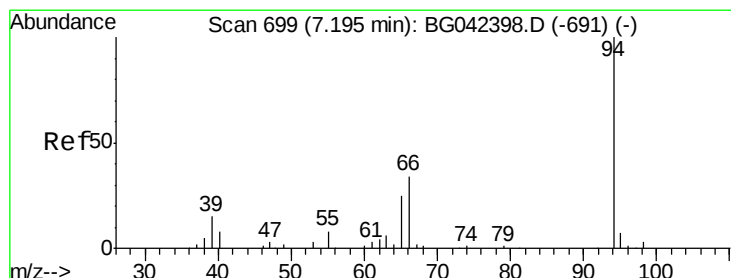
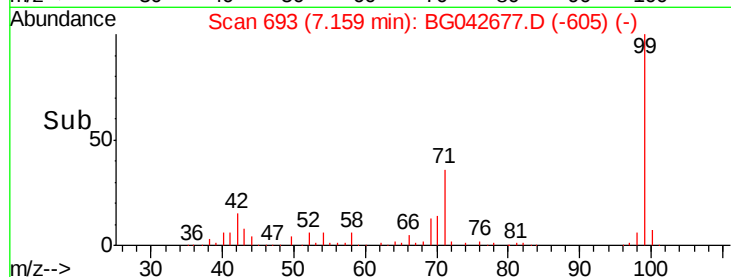
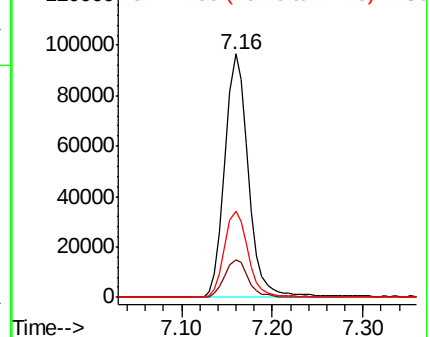
99 100

42 15.3 12.0 18.0

71 35.6 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



#10

Phenol

Concen: 3.137 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042677.D

Acq: 2 Sep 2019 1:03

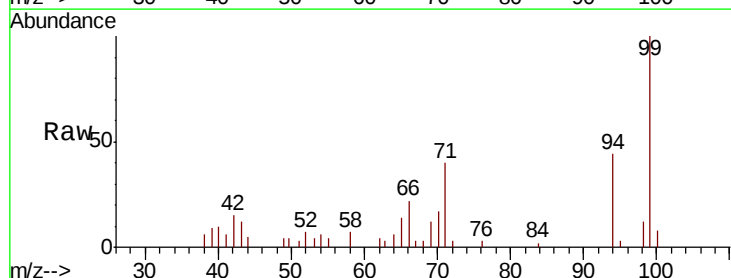
Tgt Ion: 94 Resp: 6318

Ion Ratio Lower Upper

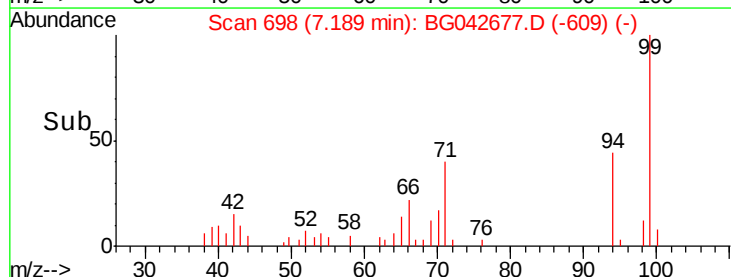
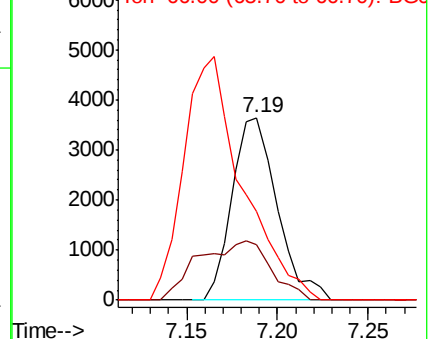
94 100

65 30.6 5.6 45.6

66 48.7 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

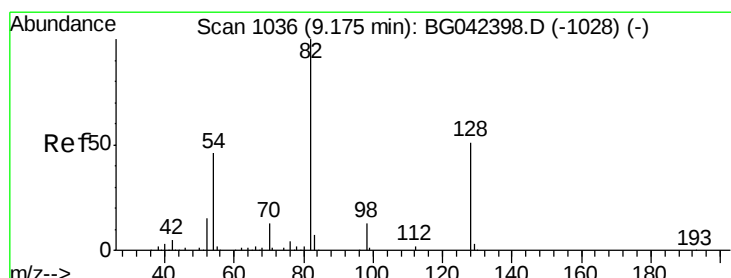
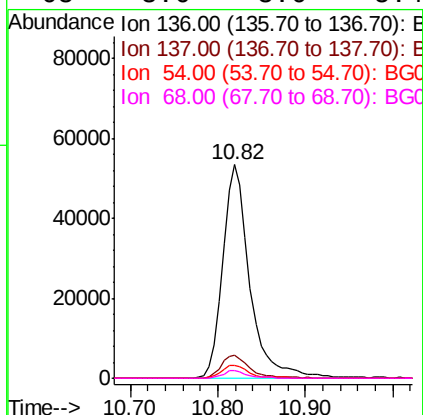
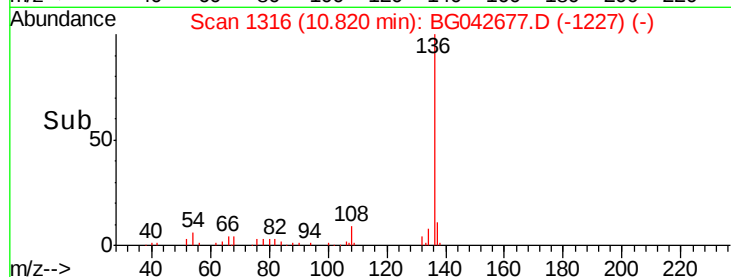
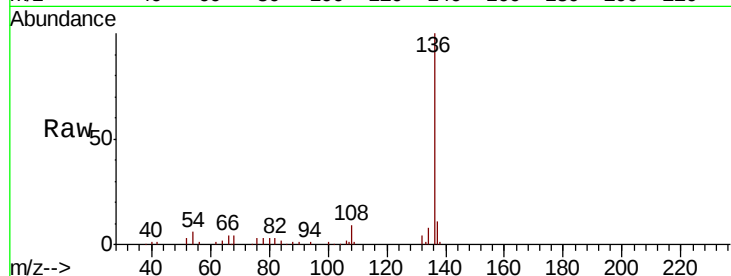




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042677.D
Acq: 2 Sep 2019 1:03

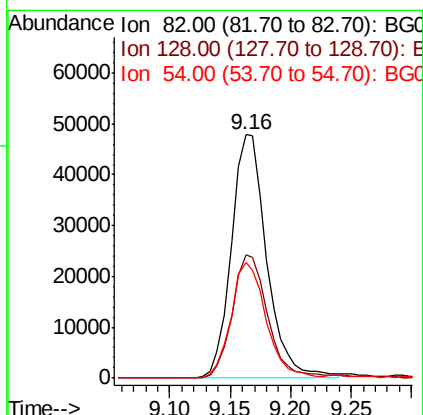
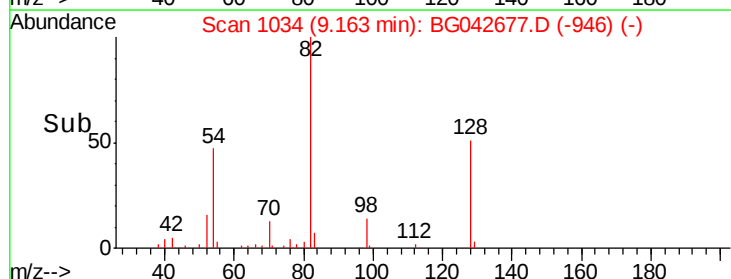
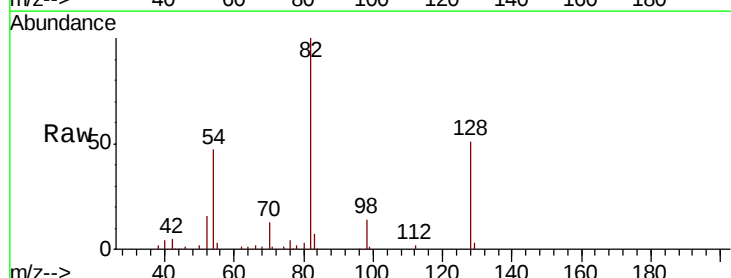
Instrument :
BNA_G
ClientSampleId :
SB-6-(6-8)

Tot Ion:136	Resp:	113677
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	6.3	4.9 7.3
68	3.6	3.6 5.4



#23
Nitrobenzene-d5
Concen: 59.436 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042677.D
Acq: 2 Sep 2019 1:03

Tgt Ion: 82	Resp:	97773
Ion	Ratio	Lower Upper
82	100	
128	50.9	40.7 61.1
54	47.3	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: BG042677.D

Acq: 2 Sep 2019 1:03

Instrument :

BNA_G

ClientSampleId :

SB-6-(6-8)

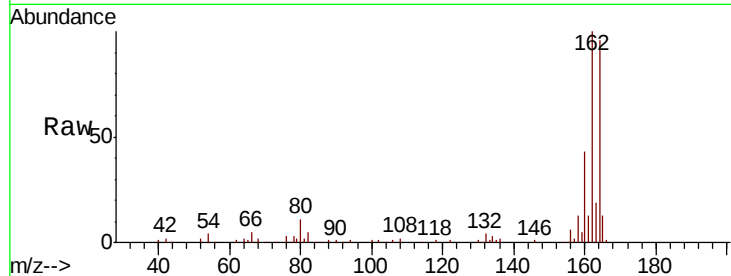
Tot Ion:164 Resp: 90434

Ion Ratio Lower Upper

164 100

162 104.0 79.9 119.9

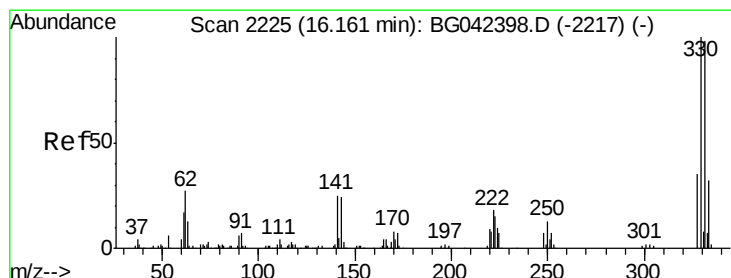
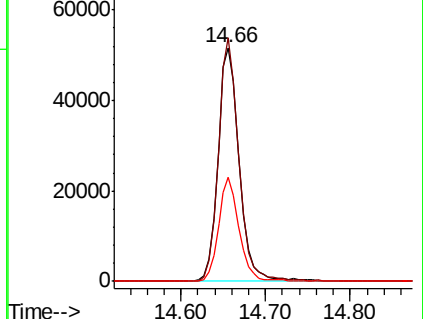
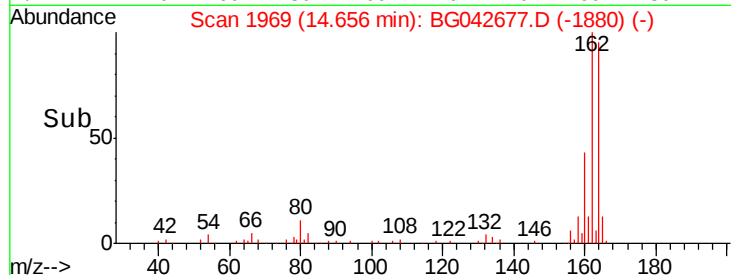
160 44.4 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 97.492 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042677.D

Acq: 2 Sep 2019 1:03

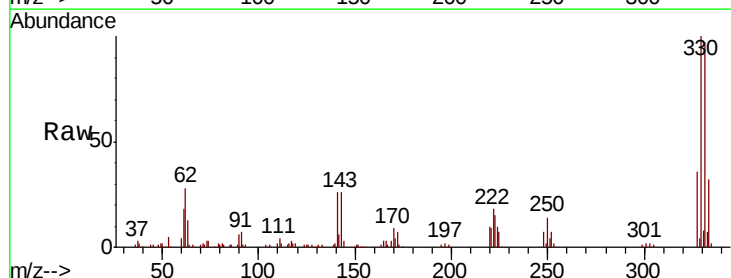
Tgt Ion:330 Resp: 125313

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

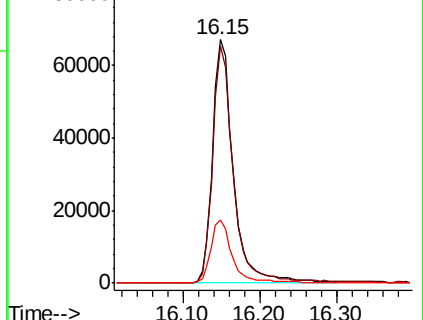
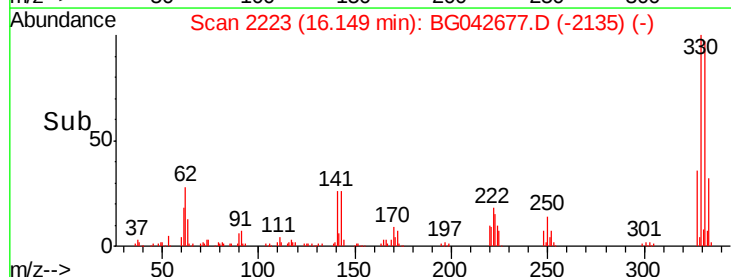
141 25.9 21.4 32.0



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

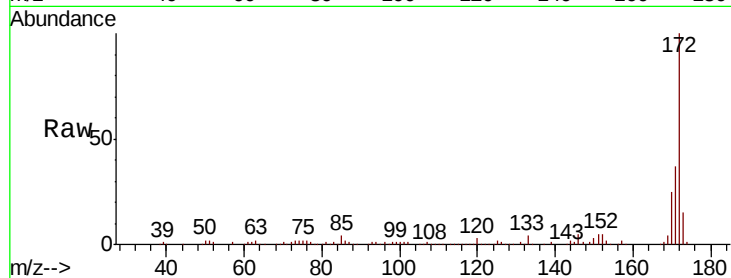




#45
2-Fluorobiphenyl
Concen: 59.879 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042677.D
Acq: 2 Sep 2019 1:03

Instrument :
BNA_G
ClientSampleId :
SB-6-(6-8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.6	20.2	30.2

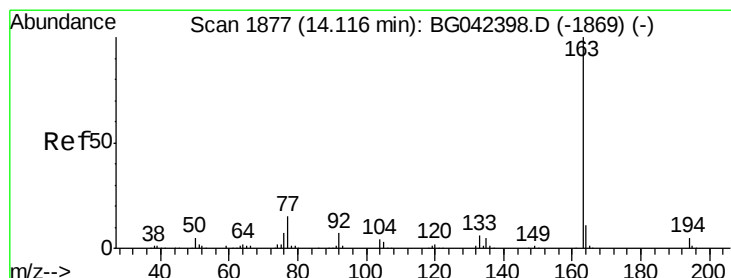
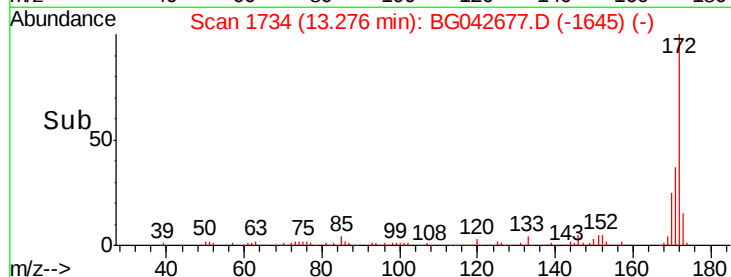
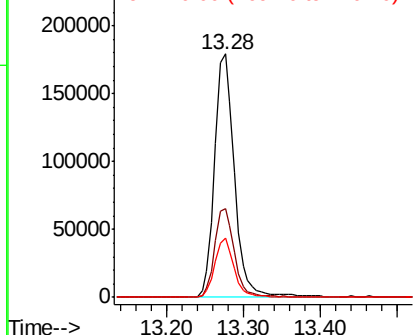


Abundance

Ion 172.00 (171.70 to 172.70): E

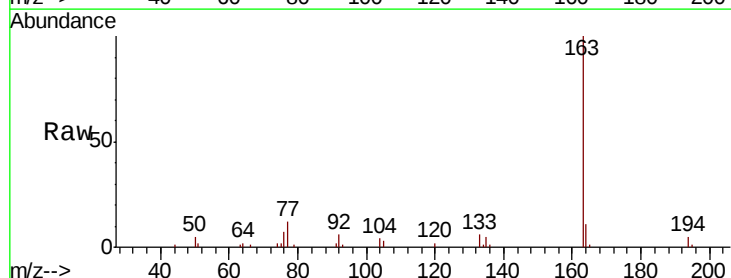
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.331 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042677.D
Acq: 2 Sep 2019 1:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	11.1	8.8	13.2

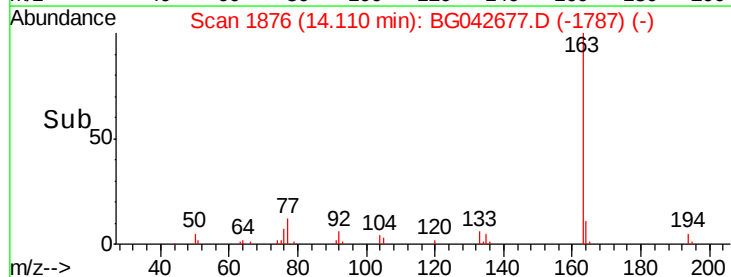
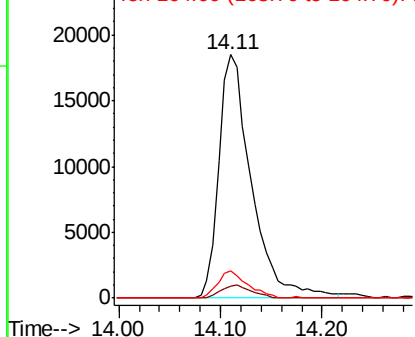


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

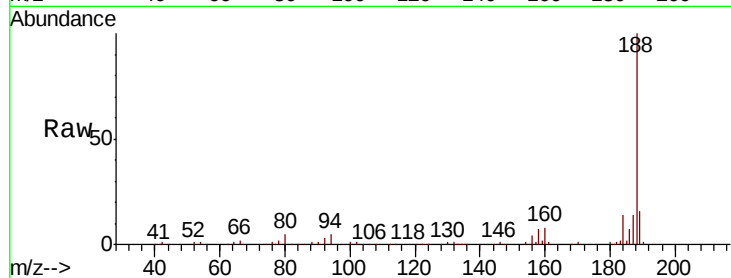




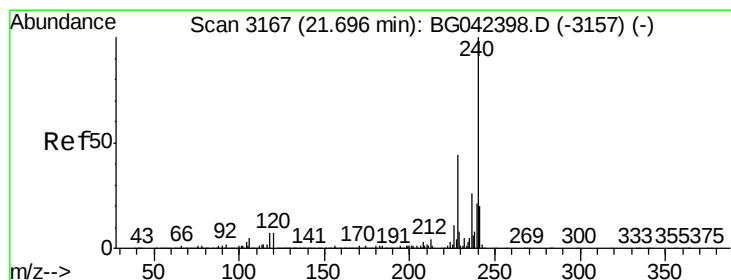
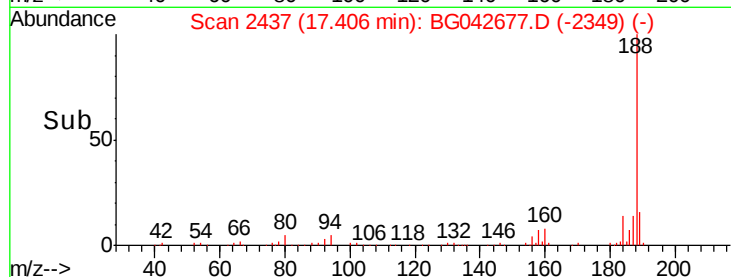
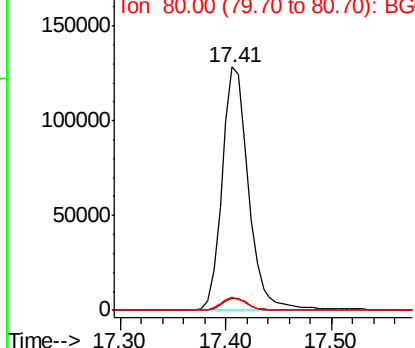
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042677.D
Acq: 2 Sep 2019 1:03

Instrument :
BNA_G
ClientSampleId :
SB-6-(6-8)

Tot Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.5	6.7
80	5.3	4.9	7.3

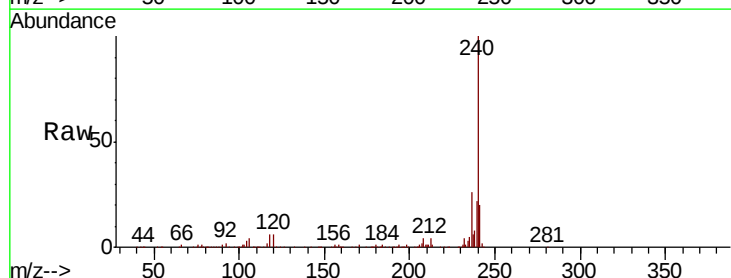


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

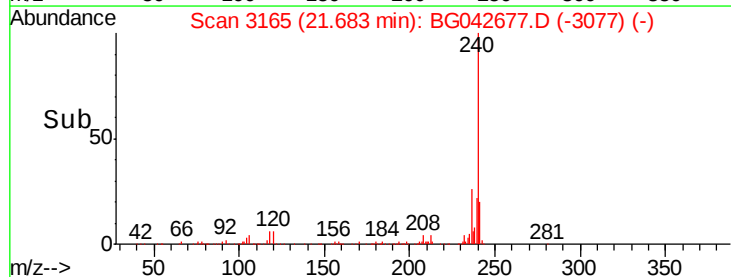
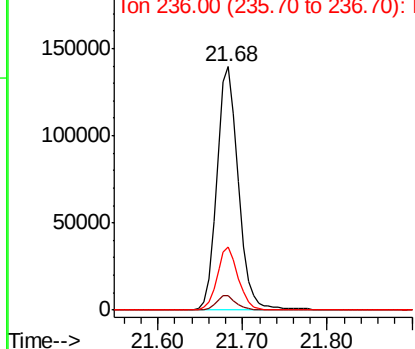


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042677.D
Acq: 2 Sep 2019 1:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	26.1	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: 59.870 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042677.D

Acq: 2 Sep 2019 1:03

Instrument :

BNA_G

ClientSampleId :

SB-6-(6-8)

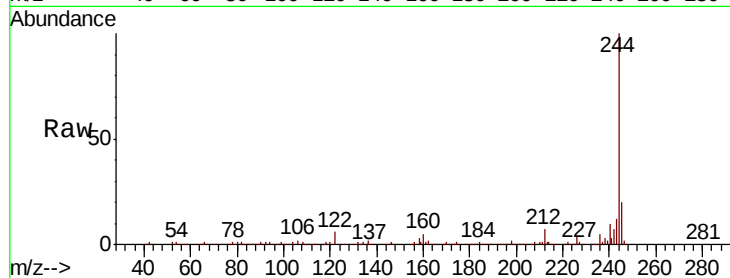
Tot Ion:244 Resp: 690538

Ion Ratio Lower Upper

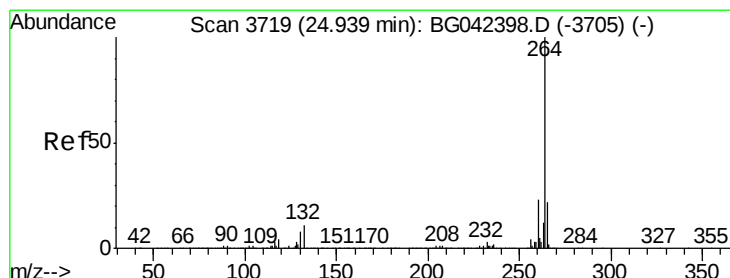
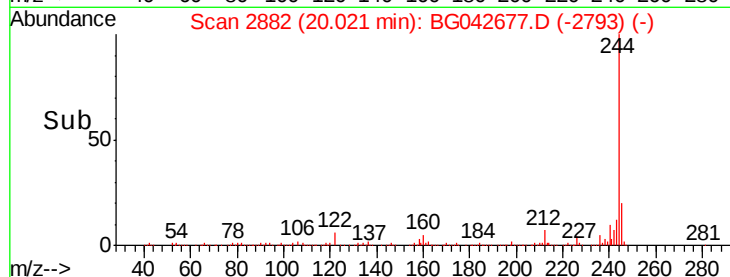
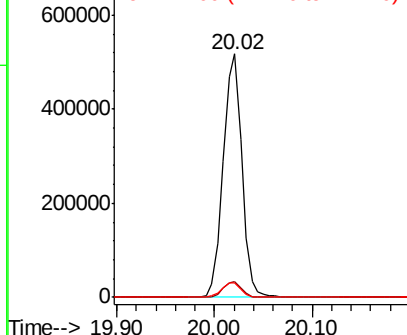
244 100

212 6.6 6.0 9.0

122 6.1 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: BG042677.D

Acq: 2 Sep 2019 1:03

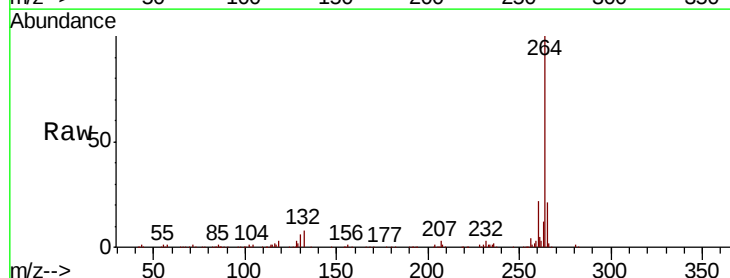
Tgt Ion:264 Resp: 292394

Ion Ratio Lower Upper

264 100

260 21.9 18.5 27.7

265 20.6 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

