

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042670.D
 Acq On : 1 Sep 2019 20:32
 Operator : HP/JU
 Sample : K4554-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12-(13-15)

Quant Time: Sep 02 08:09:17 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

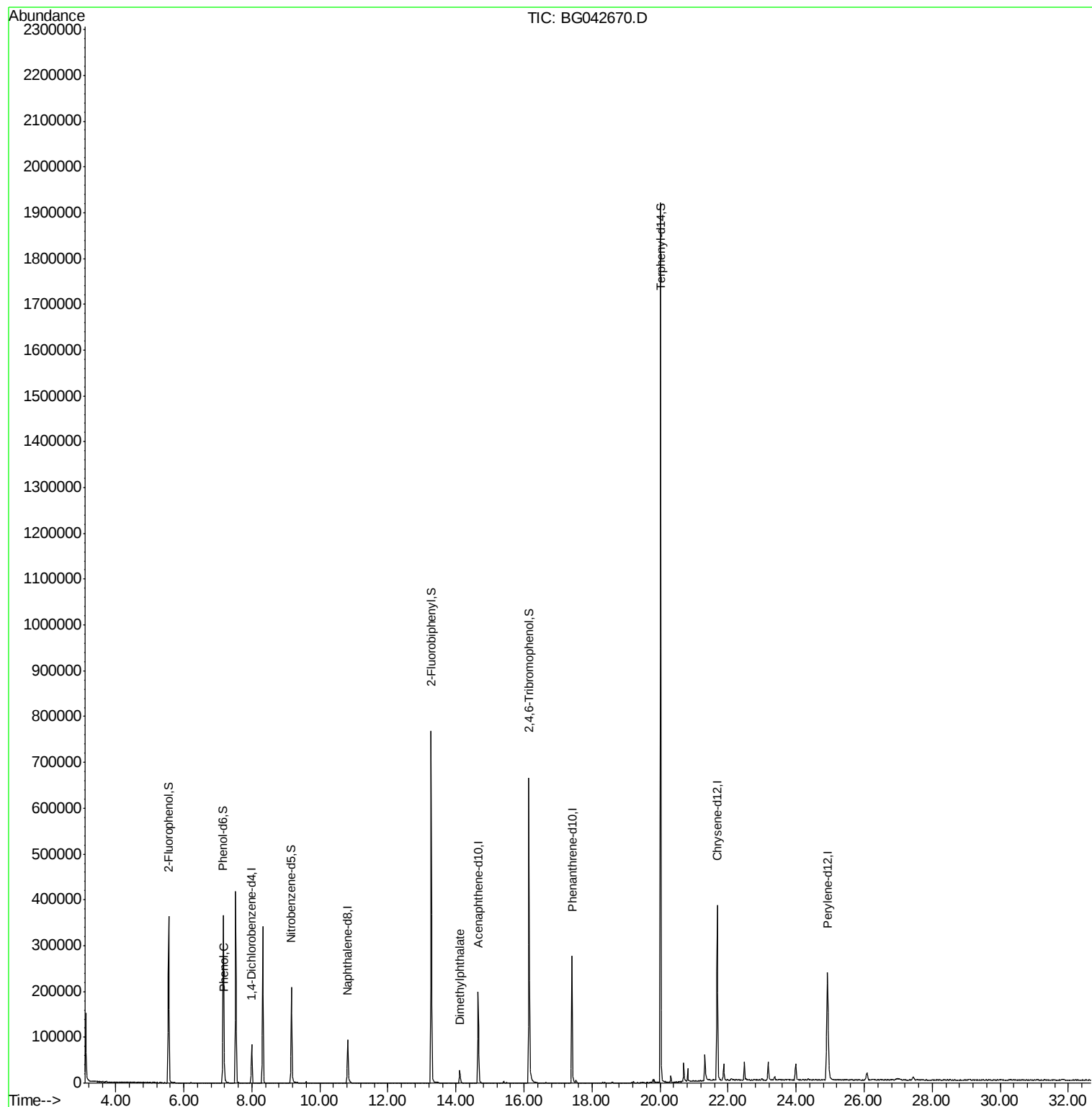
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29139	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	110506	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	84920	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	221483	20.00	ng	0.00
76) Chrysene-d12	21.68	240	257064	20.00	ng	-0.01
87) Perylene-d12	24.92	264	296755	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	185718	129.08	ng	0.00
7) Phenol-d6	7.16	99	251175	129.24	ng	-0.01
23) Nitrobenzene-d5	9.16	82	143763	89.90	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	184343	152.73	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	475087	94.62	ng	0.00
79) Terphenyl-d14	20.02	244	1017238	85.55	ng	0.00
Target Compounds						
10) Phenol	7.19	94	20995	10.625	ng	86
50) Dimethylphthalate	14.11	163	36033	5.881	ng	97

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

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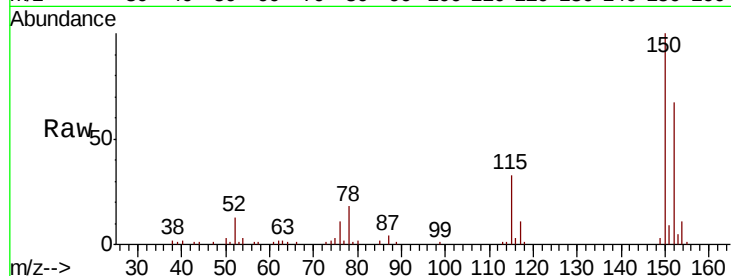


#1

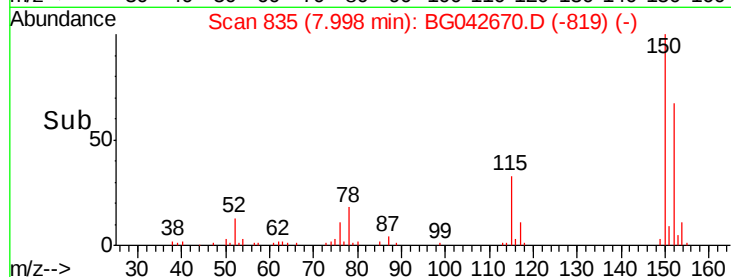
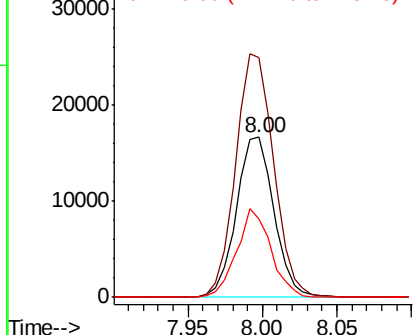
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

Instrument :
BNA_G
ClientSampleId :
SB-12-(13-15)

Tot Ion:152 Resp: 29139
Ion Ratio Lower Upper
152 100
150 149.5 125.4 188.0
115 48.7 38.5 57.7



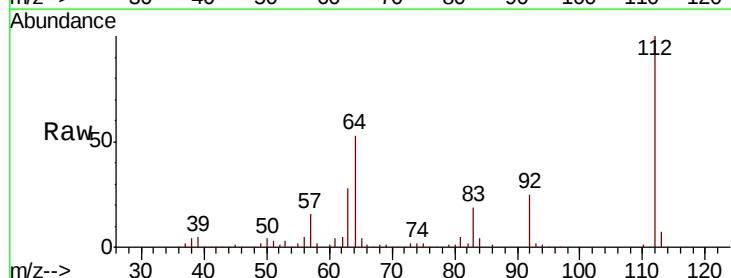
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



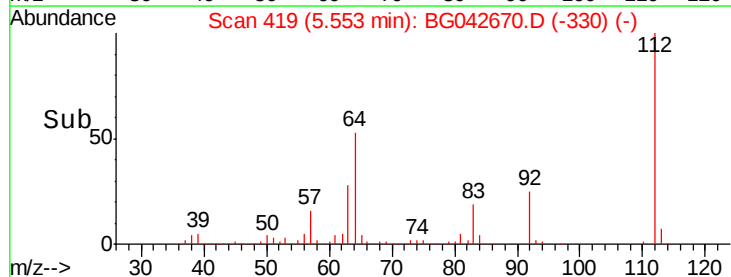
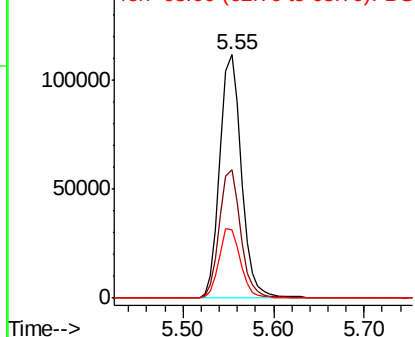
#5

2-Fluorophenol
Concen: 129.082 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

Tgt Ion:112 Resp: 185718
Ion Ratio Lower Upper
112 100
64 52.9 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: 129.243 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG042670.D

Acq: 1 Sep 2019 20:32

Instrument :

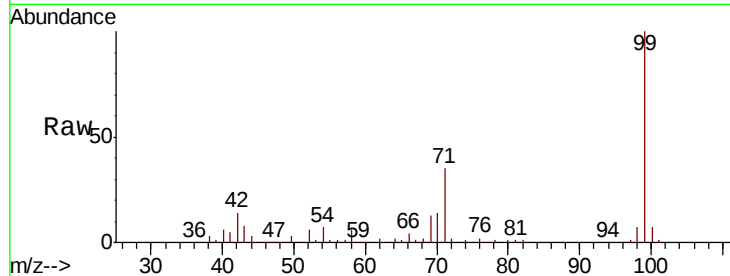
BNA_G

ClientSampleId :

SB-12-(13-15)

Tot Ion: 99 Resp: 251175

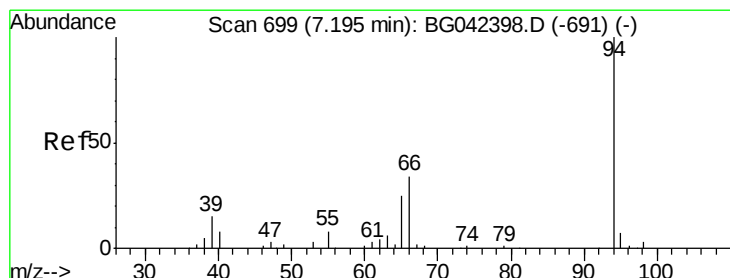
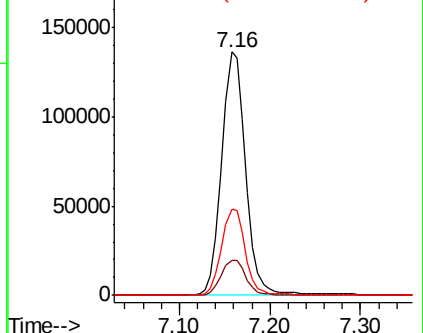
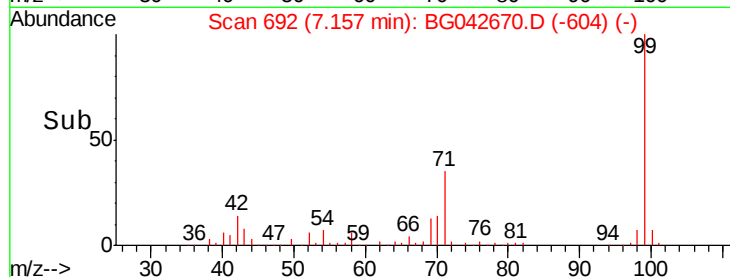
Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.0	18.0
71	35.5	26.3	39.5



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: 10.625 ng

RT: 7.19 min Scan# 697

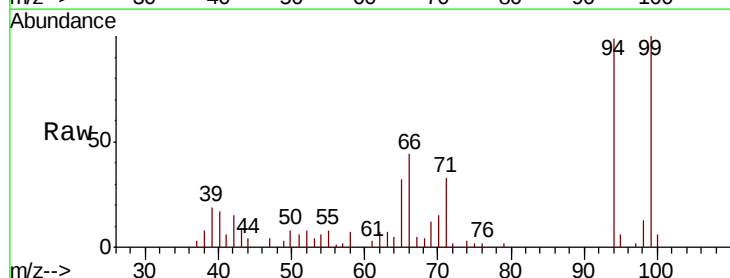
Delta R.T. -0.01 min

Lab File: BG042670.D

Acq: 1 Sep 2019 20:32

Tgt Ion: 94 Resp: 20995

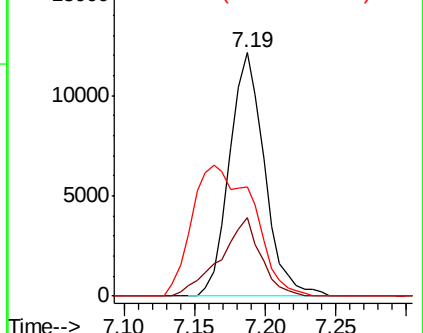
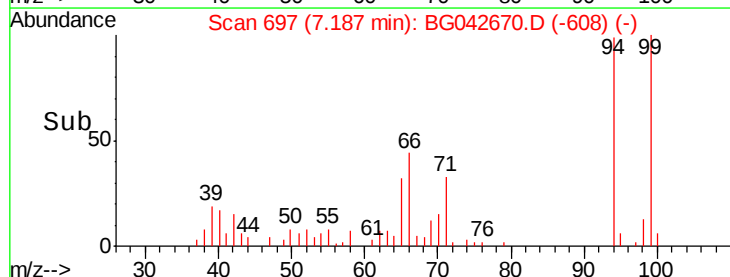
Ion	Ratio	Lower	Upper
94	100		
65	32.4	5.6	45.6
66	44.7	16.0	56.0



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

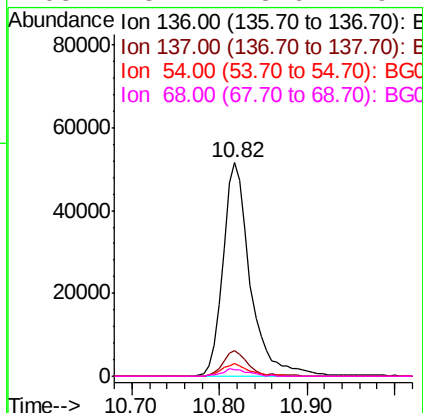
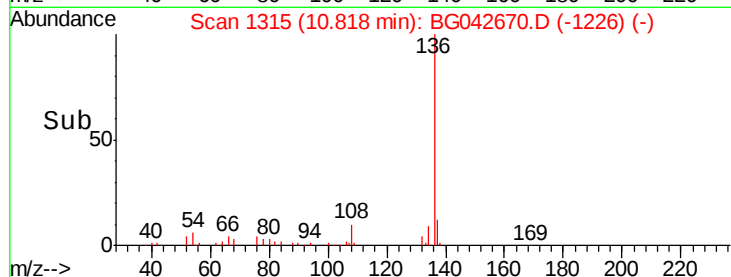
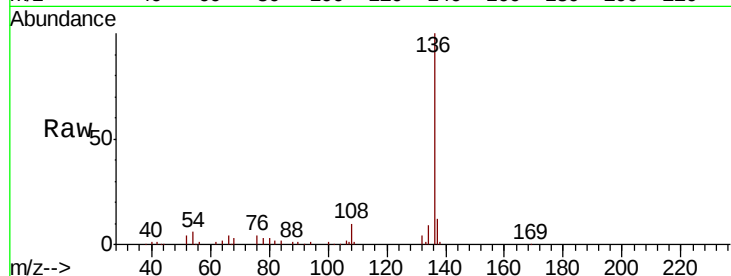




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

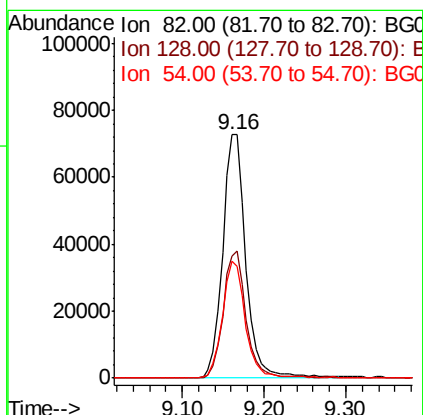
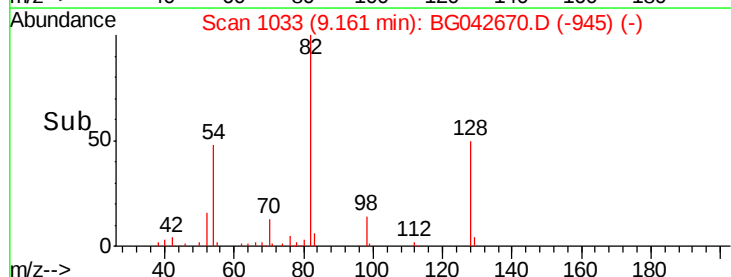
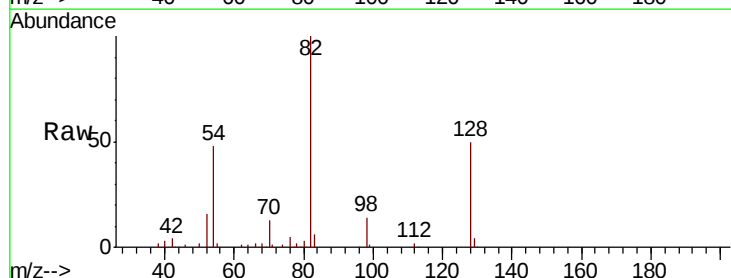
Instrument :
BNA_G
ClientSampleId :
SB-12-(13-15)

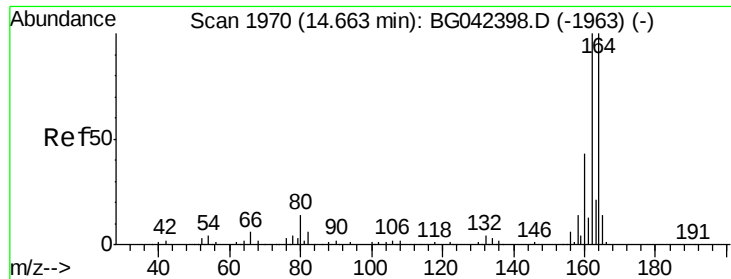
Tot Ion:136	Resp:	110506
Ion Ratio	Lower	Upper
136	100	
137	12.2	8.7 13.1
54	6.2	4.9 7.3
68	3.2	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 89.901 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

Tgt Ion: 82	Resp:	143763
Ion Ratio	Lower	Upper
82	100	
128	50.1	40.7 61.1
54	47.9	36.3 54.5

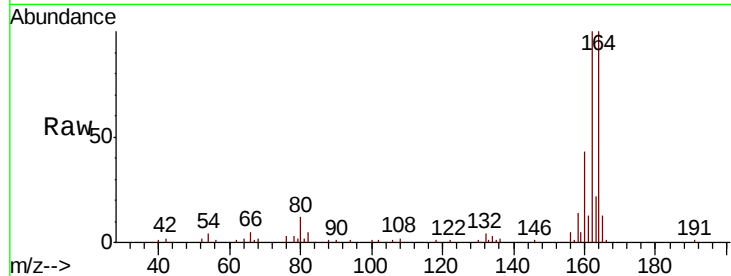




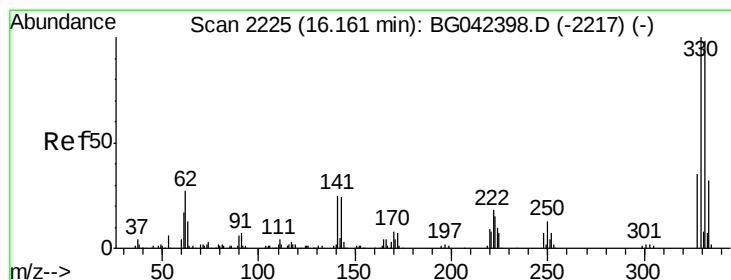
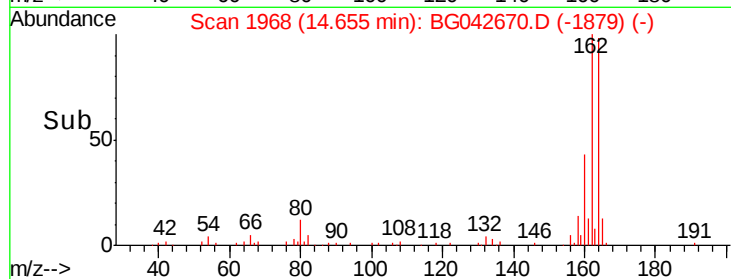
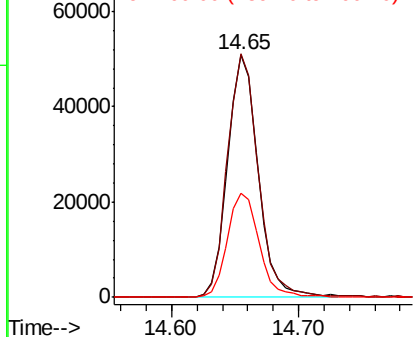
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

Instrument :
BNA_G
ClientSampleId :
SB-12-(13-15)

Tot Ion:164 Resp: 84920
Ion Ratio Lower Upper
164 100
162 100.3 79.9 119.9
160 43.1 34.3 51.5

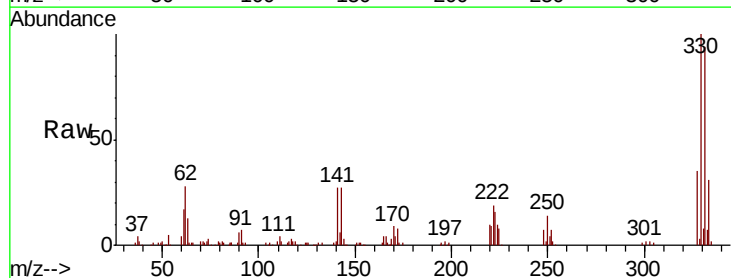


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

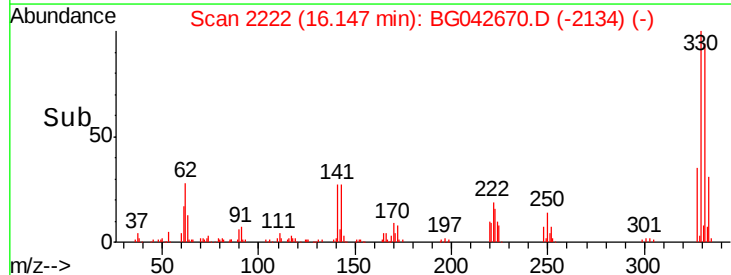
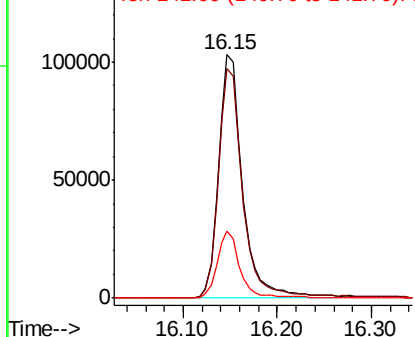


#42
2,4,6-Tribromophenol
Concen: 152.728 ng
RT: 16.15 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

Tgt Ion:330 Resp: 184343
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 26.5 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

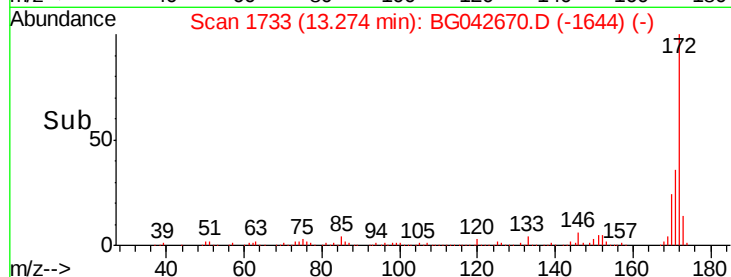
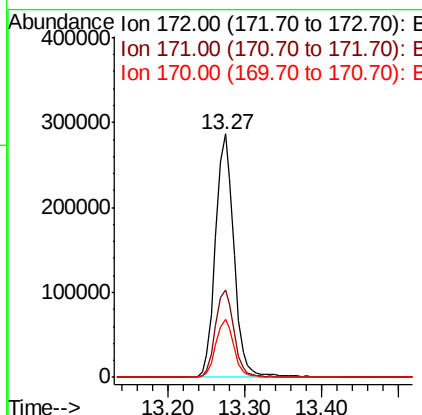
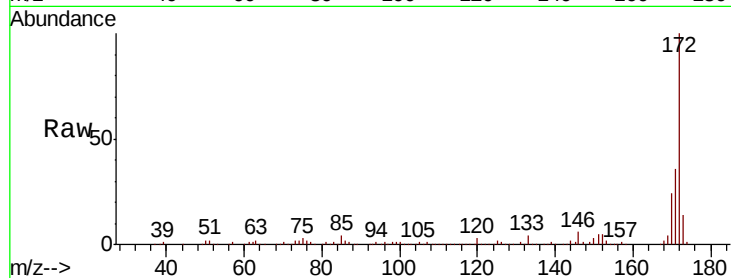




#45
2-Fluorobiphenyl
Concen: 94.619 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

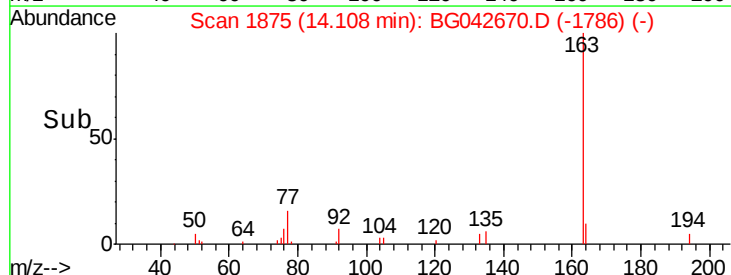
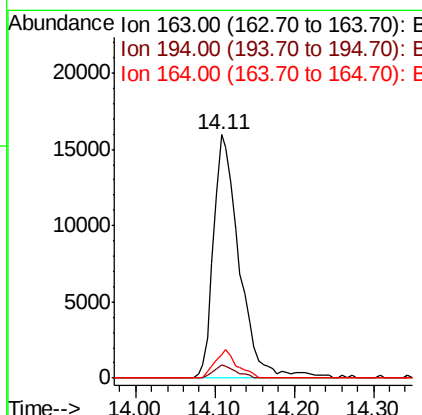
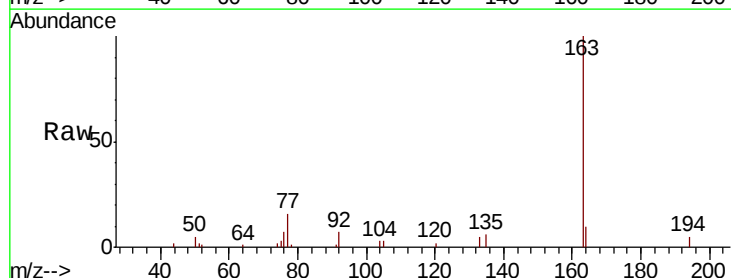
Instrument :
BNA_G
ClientSampleId :
SB-12-(13-15)

Tot Ion:172 Resp: 475087
Ion Ratio Lower Upper
172 100
171 36.1 30.5 45.7
170 24.0 20.2 30.2



#50
Dimethylphthalate
Concen: 5.881 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

Tgt Ion:163 Resp: 36033
Ion Ratio Lower Upper
163 100
194 5.3 4.2 6.2
164 9.6 8.8 13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042670.D

Acq: 1 Sep 2019 20:32

Instrument :

BNA_G

ClientSampleId :

SB-12-(13-15)

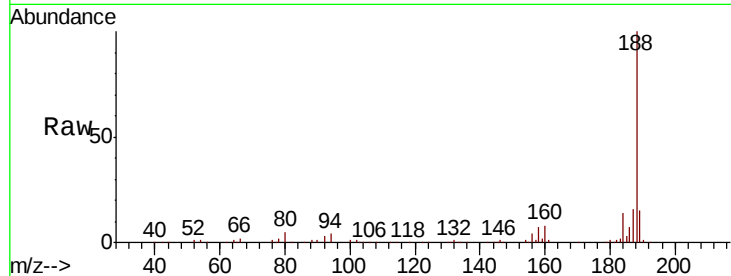
Tot Ion:188 Resp: 221483

Ion Ratio Lower Upper

188 100

94 4.2 4.5 6.7#

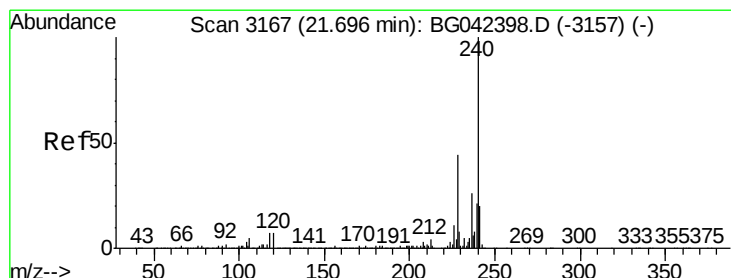
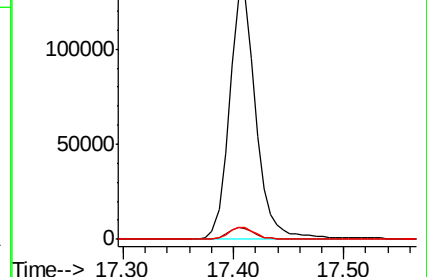
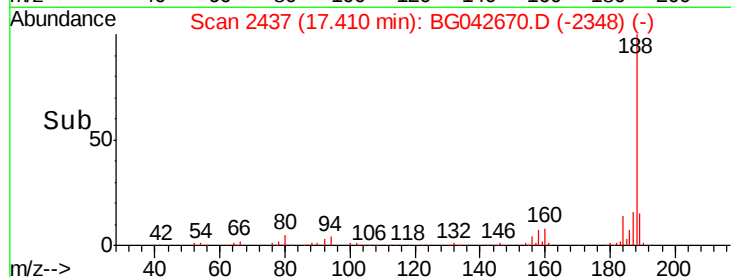
80 4.8 4.9 7.3#



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: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG042670.D

Acq: 1 Sep 2019 20:32

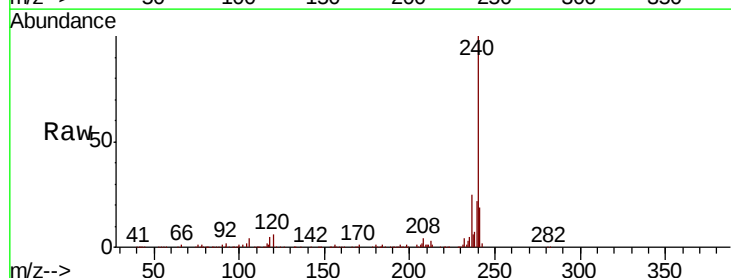
Tgt Ion:240 Resp: 257064

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

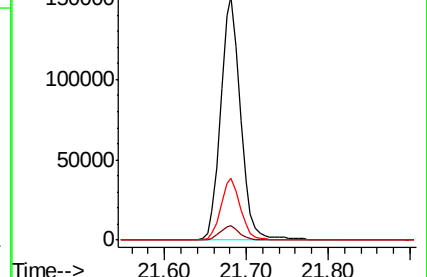
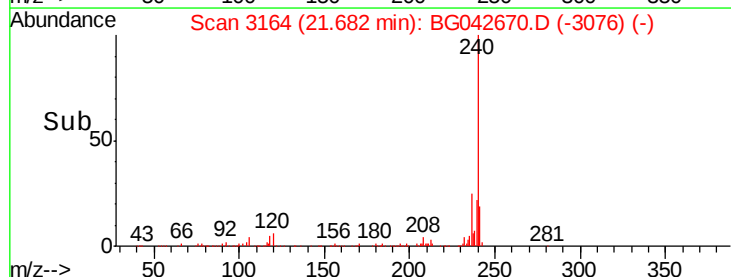
236 25.2 21.0 31.4



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: 85.550 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042670.D

Acq: 1 Sep 2019 20:32

Instrument :

BNA_G

ClientSampleId :

SB-12-(13-15)

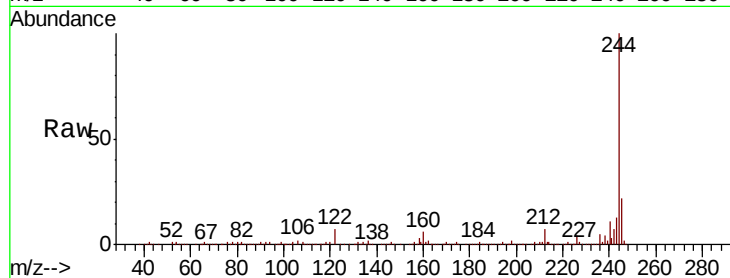
Tot Ion:244 Resp: 1017238

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

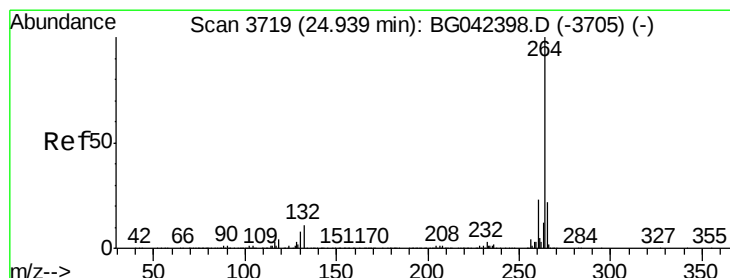
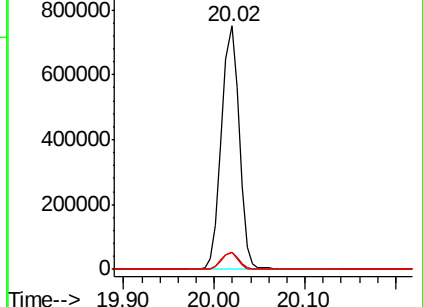
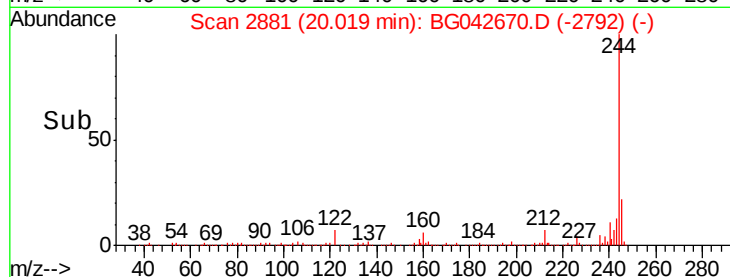
122 6.9 6.7 10.1



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: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG042670.D

Acq: 1 Sep 2019 20:32

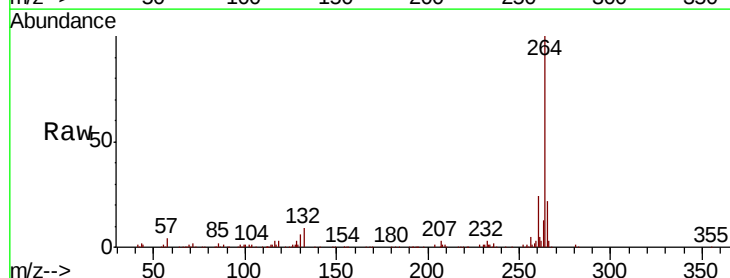
Tgt Ion:264 Resp: 296755

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.6 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

