

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
 Data File : BG040648.D
 Acq On : 27 Apr 2019 4:10
 Operator : JU/SJ
 Sample : K2203-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-B

Quant Time: Apr 29 02:27:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	46903	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	184752	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	134724	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	373730	20.00	ng	0.00
76) Chrysene-d12	21.82	240	389466	20.00	ng	0.00
87) Perylene-d12	25.19	264	404320	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	343713	129.18	ng	0.00
7) Phenol-d6	7.29	99	438270	106.98	ng	0.00
23) Nitrobenzene-d5	9.33	82	419146	104.83	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	303956	164.14	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	868674	93.12	ng	0.00
79) Terphenyl-d14	20.13	244	1820273	103.54	ng	0.00

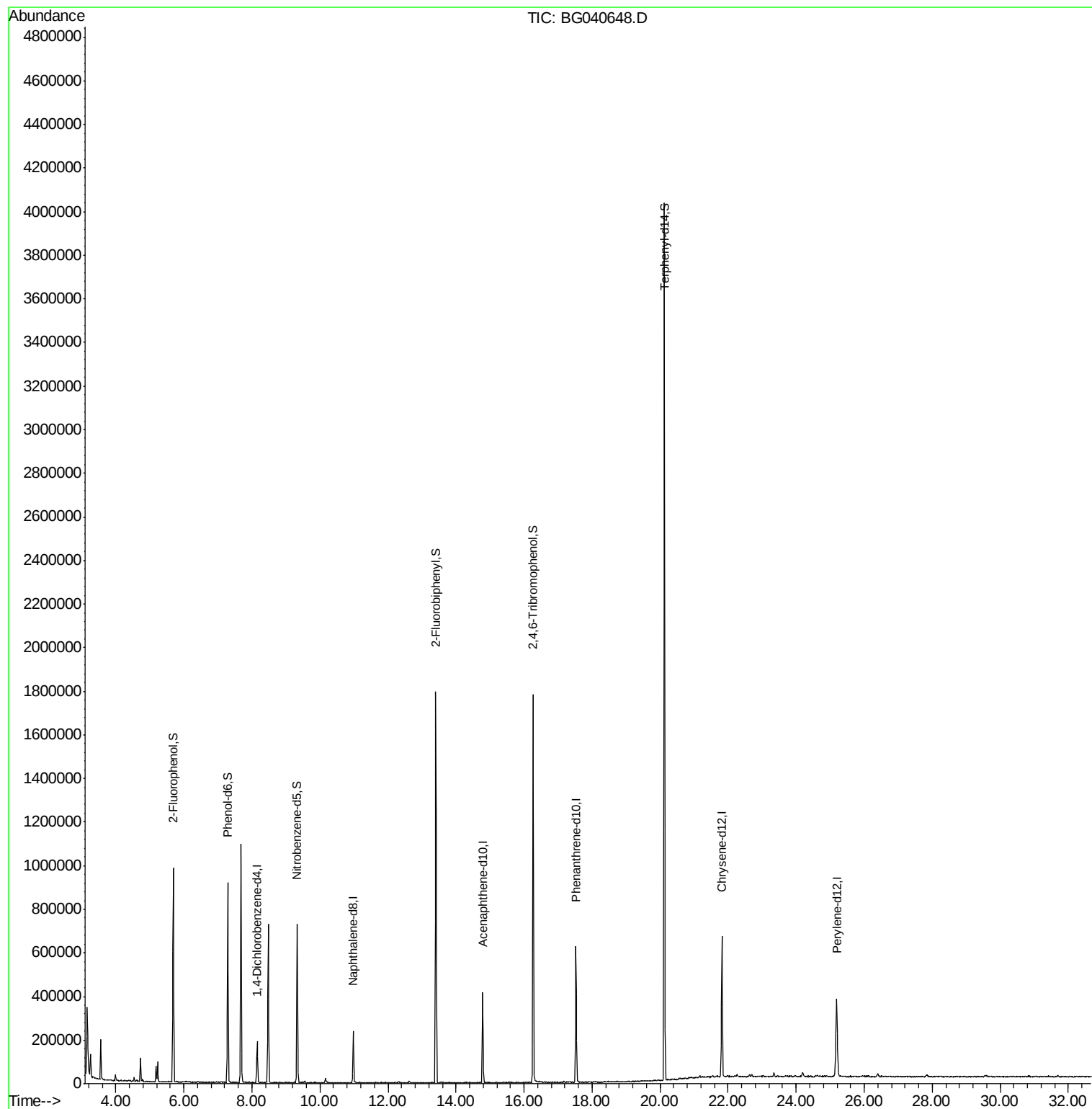
Target Compounds	Qvalue
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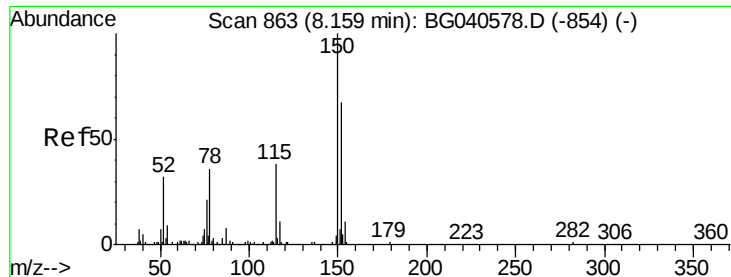
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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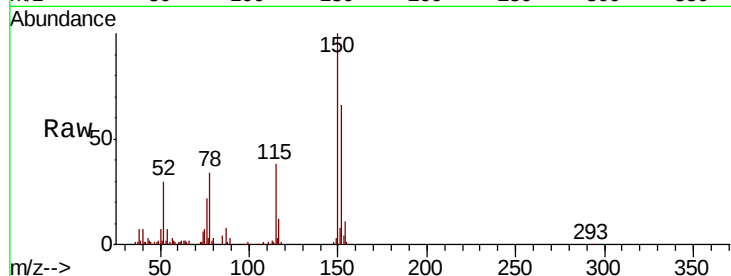


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040648.D
Acq: 27 Apr 2019 4:10

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.6	120.2	180.2
115	57.8	46.2	69.2

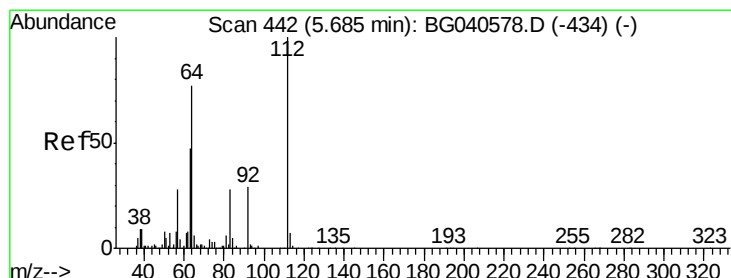
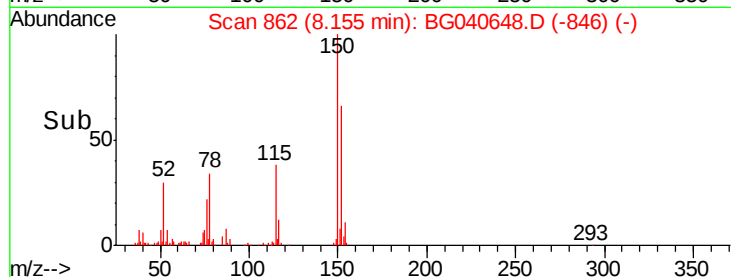
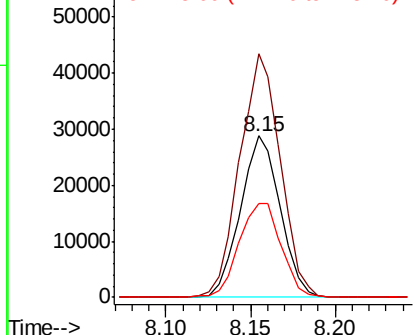


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

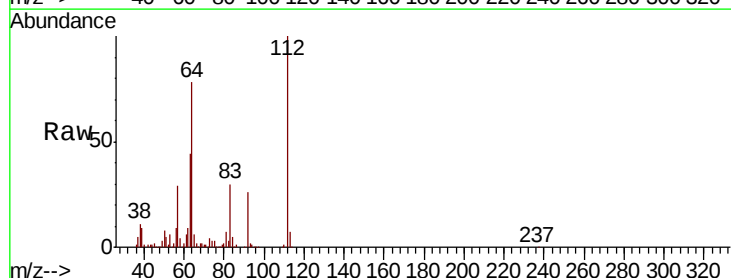
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.178 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040648.D
Acq: 27 Apr 2019 4:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.7	61.4	92.0
63	43.7	37.8	56.6

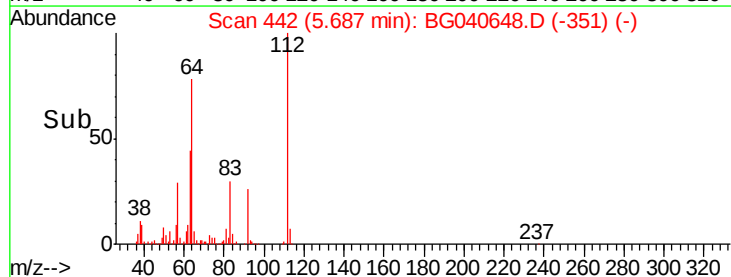
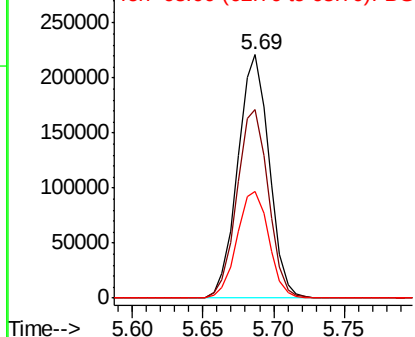


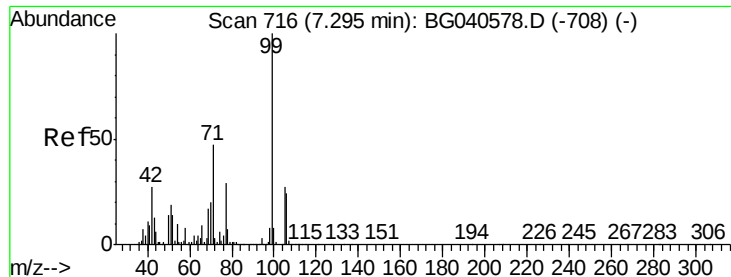
Abundance

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: 106.978 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040648.D

Acq: 27 Apr 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-B

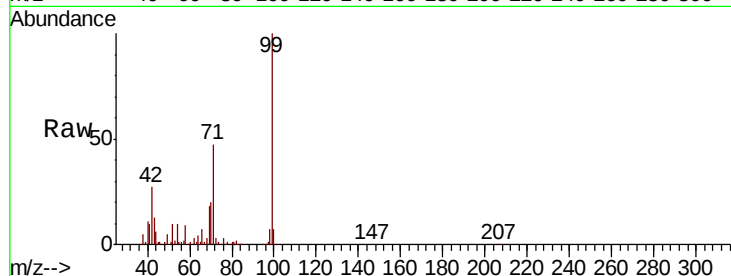
Tgt Ion: 99 Resp: 438270

Ion Ratio Lower Upper

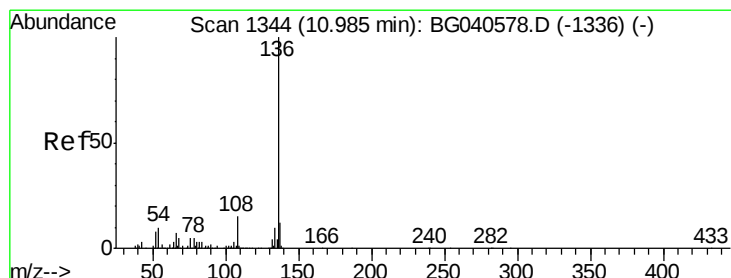
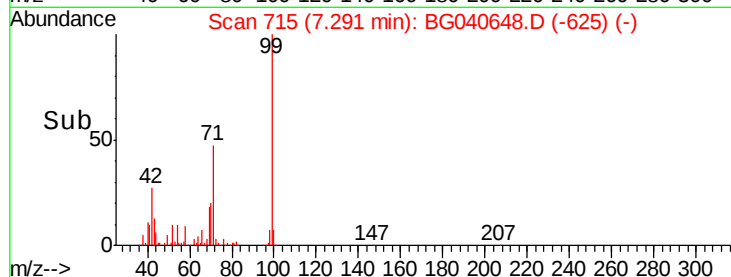
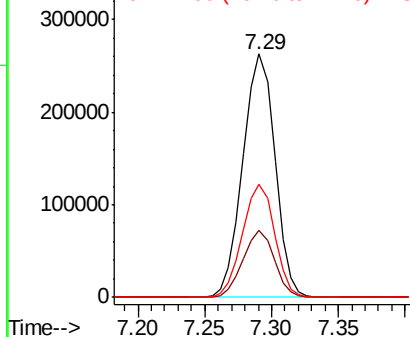
99 100

42 27.4 21.8 32.8

71 46.7 38.6 57.8



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: 10.98 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG040648.D

Acq: 27 Apr 2019 4:10

Tgt Ion: 136 Resp: 184752

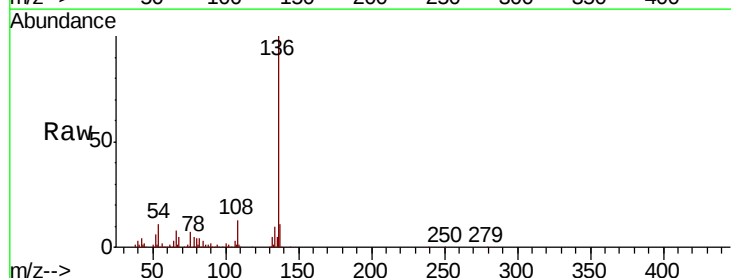
Ion Ratio Lower Upper

136 100

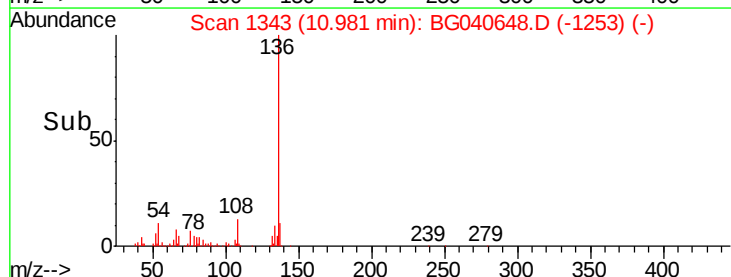
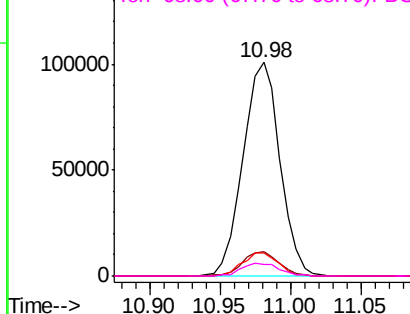
137 11.4 9.7 14.5

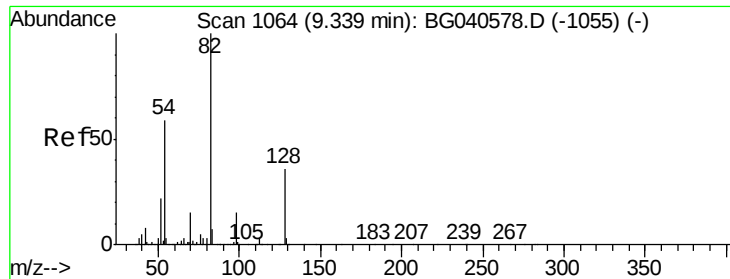
54 10.9 8.6 12.8

68 5.1 4.8 7.2



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

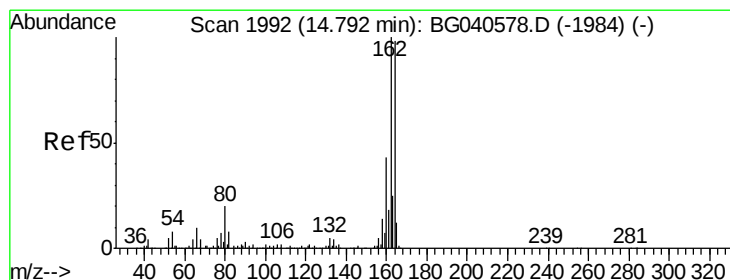
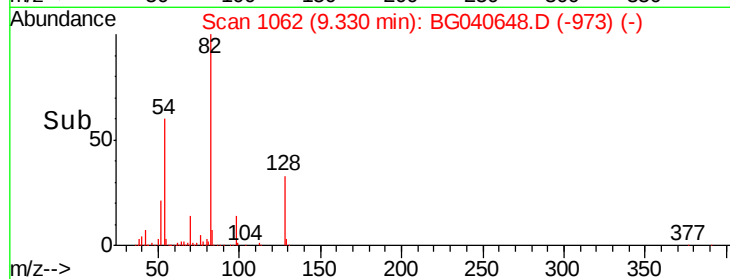
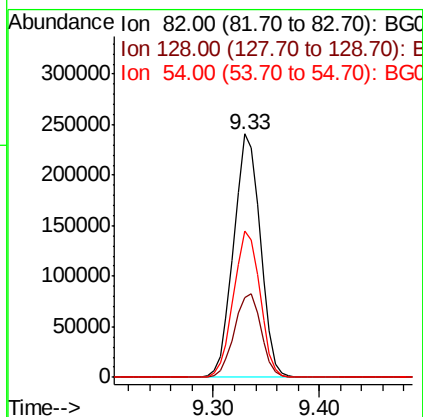
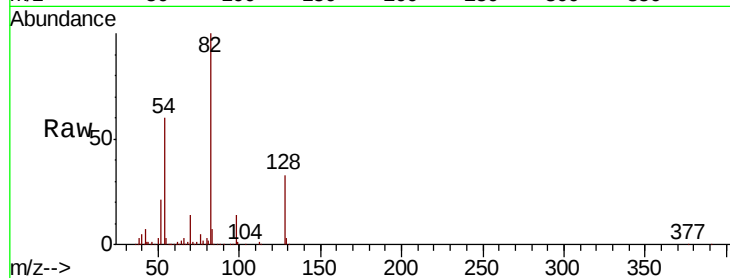




#23
 Nitrobenzene-d5
 Concen: 104.828 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040648.D
 Acq: 27 Apr 2019 4:10

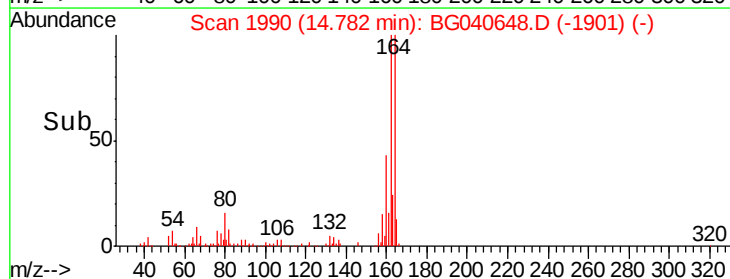
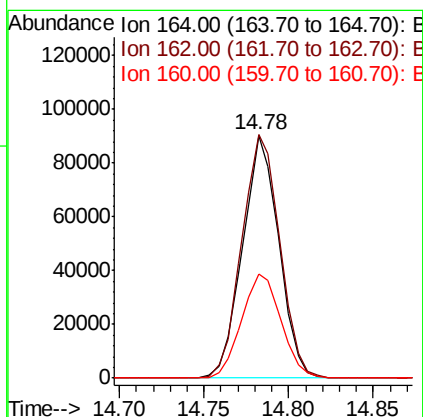
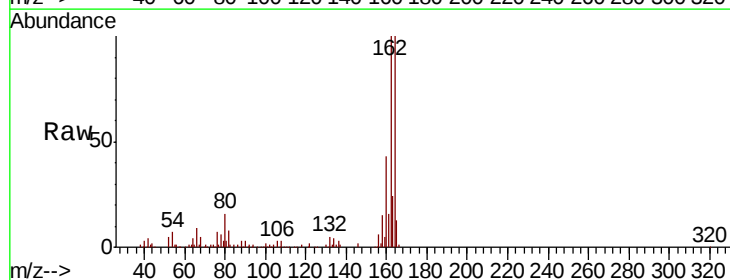
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-B

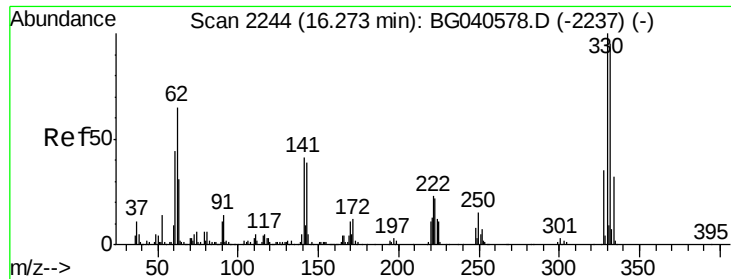
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	28.9	43.3
54	60.3	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG040648.D
 Acq: 27 Apr 2019 4:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.9	122.9
160	42.7	35.4	53.2

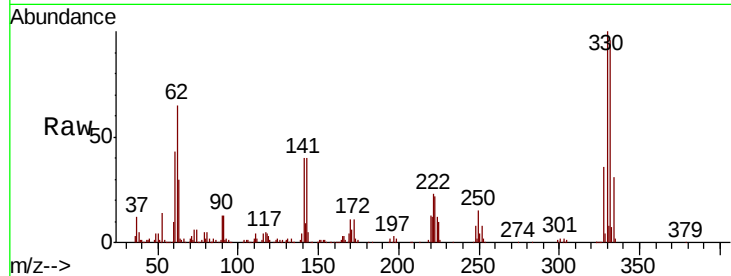




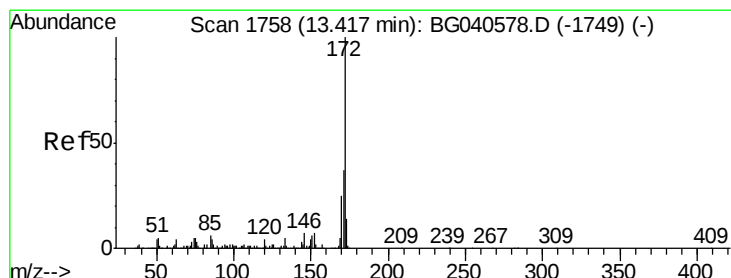
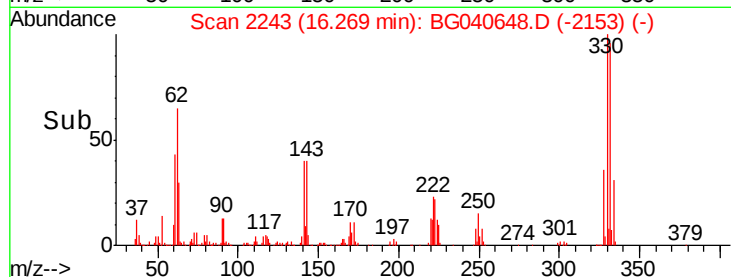
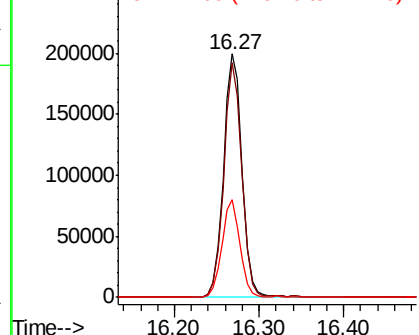
#42
2,4,6-Tribromophenol
Concen: 164.140 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BG040648.D
Acq: 27 Apr 2019 4:10

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.9	113.9
141	39.9	32.4	48.6

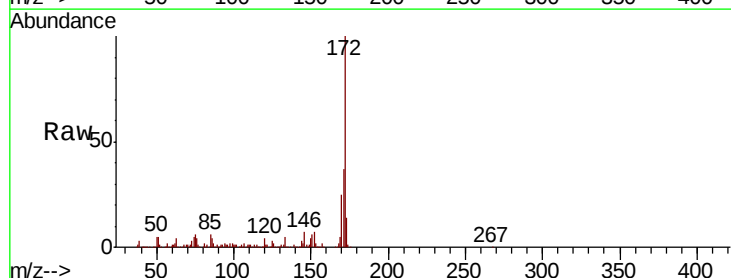


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

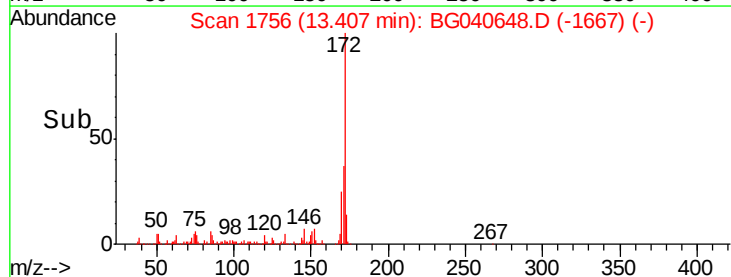
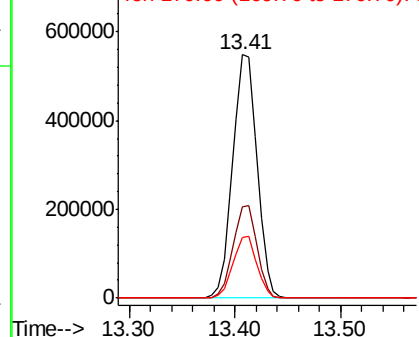


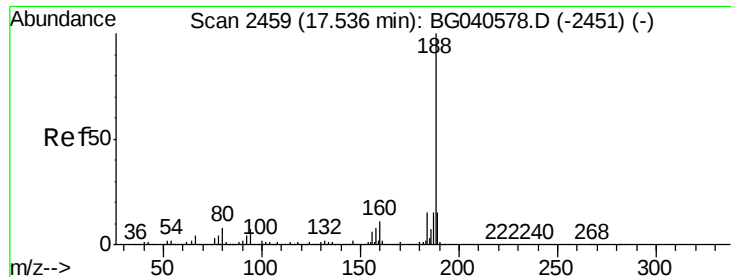
#45
2-Fluorobiphenyl
Concen: 93.119 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG040648.D
Acq: 27 Apr 2019 4:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.2
170	24.9	19.9	29.9



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: 17.53 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG040648.D

Acq: 27 Apr 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SU-03-042419-B

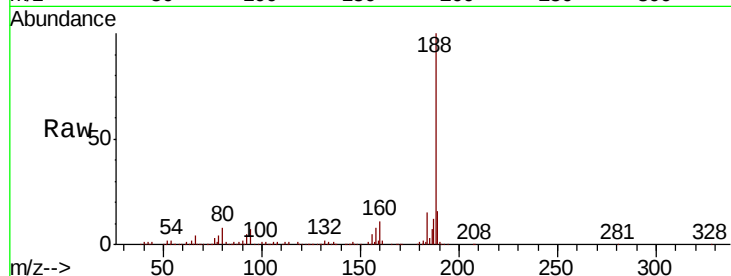
Tgt Ion:188 Resp: 373730

Ion Ratio Lower Upper

188 100

94 6.8 5.6 8.4

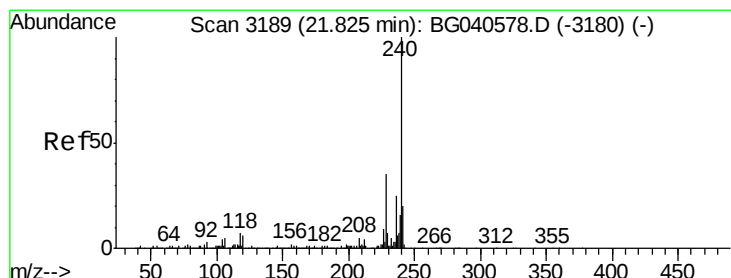
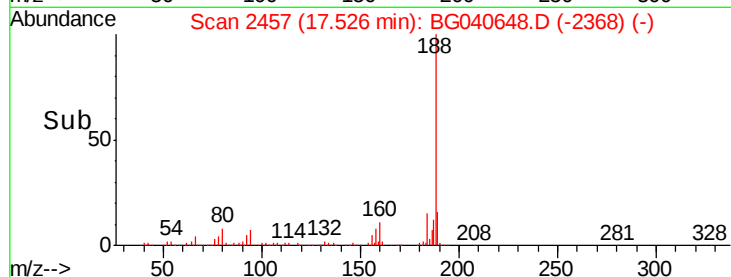
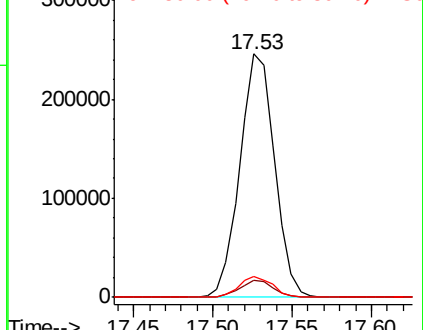
80 8.5 6.4 9.6



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: 21.82 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040648.D

Acq: 27 Apr 2019 4:10

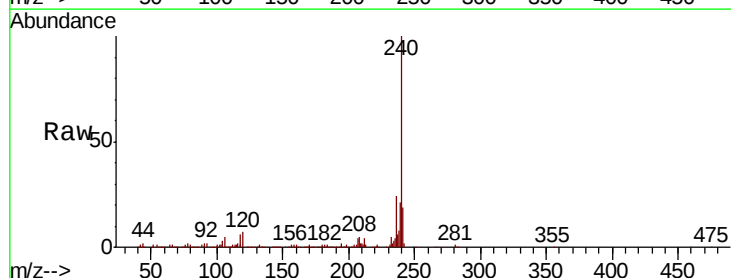
Tgt Ion:240 Resp: 389466

Ion Ratio Lower Upper

240 100

120 6.7 5.0 7.6

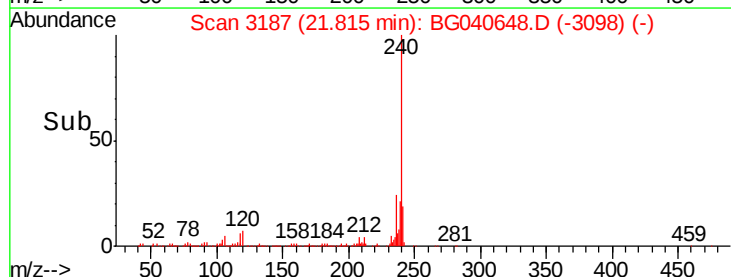
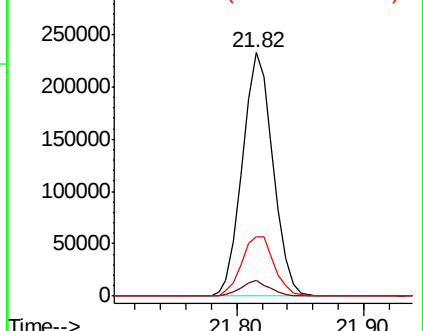
236 24.5 20.3 30.5

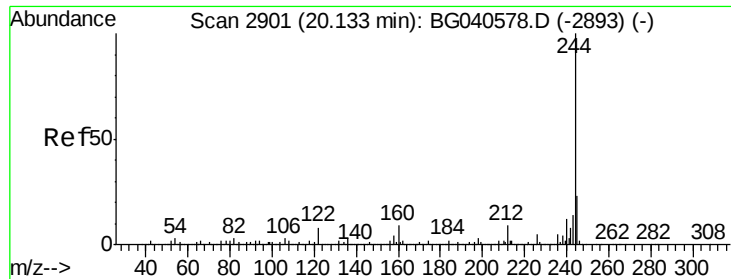


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

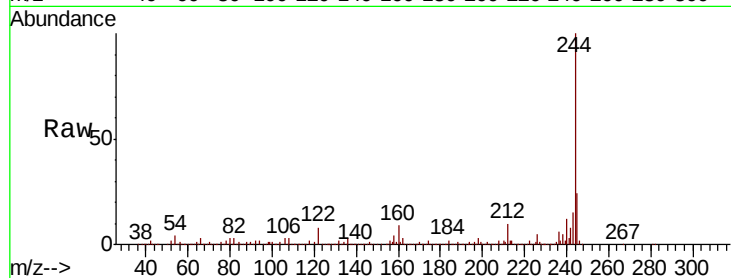




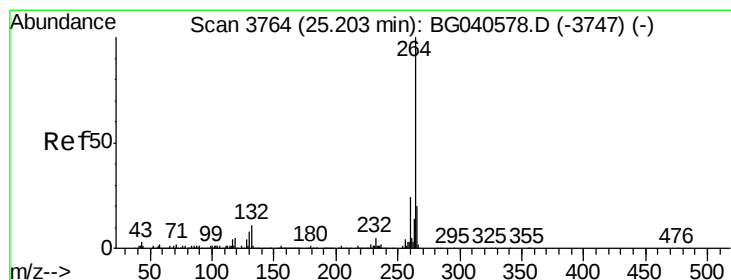
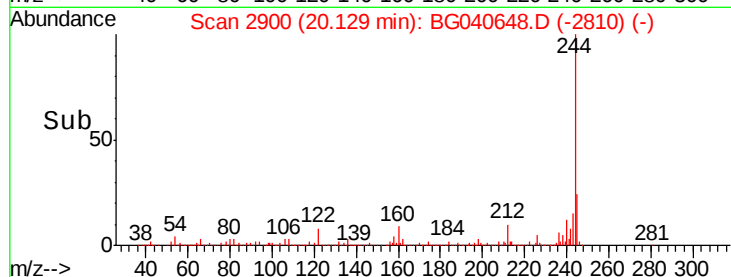
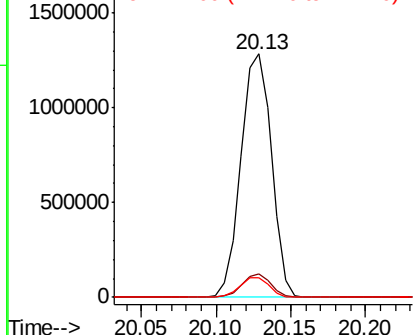
#79
 Terphenyl-d14
 Concen: 103.544 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG040648.D
 Acq: 27 Apr 2019 4:10

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-B

Tgt Ion:244 Resp: 1820273
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.2 10.8
 122 8.1 6.6 10.0

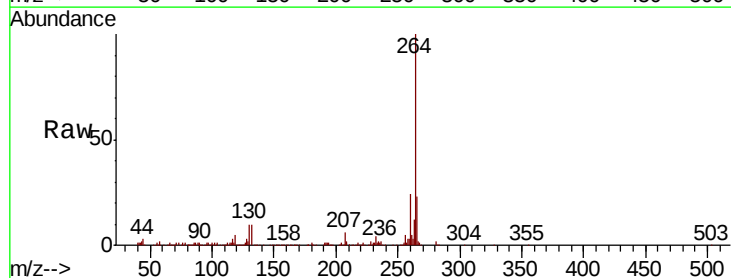


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3761
 Delta R.T. -0.02 min
 Lab File: BG040648.D
 Acq: 27 Apr 2019 4:10

Tgt Ion:264 Resp: 404320
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.6 16.6 25.0



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

