

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040968.D
 Acq On : 31 May 2019 2:31
 Operator : HP/JU
 Sample : K3041-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Quant Time: May 31 04:57:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	64767	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	241436	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	168908	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	456197	20.00	ng	0.00
76) Chrysene-d12	21.78	240	469806	20.00	ng	0.00
87) Perylene-d12	25.11	264	488852	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	446116	124.21	ng	0.00
7) Phenol-d6	7.26	99	567384	102.28	ng	0.00
23) Nitrobenzene-d5	9.30	82	484617	89.11	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	366168	146.03	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1007167	85.87	ng	0.00
79) Terphenyl-d14	20.09	244	2000736	90.38	ng	0.00

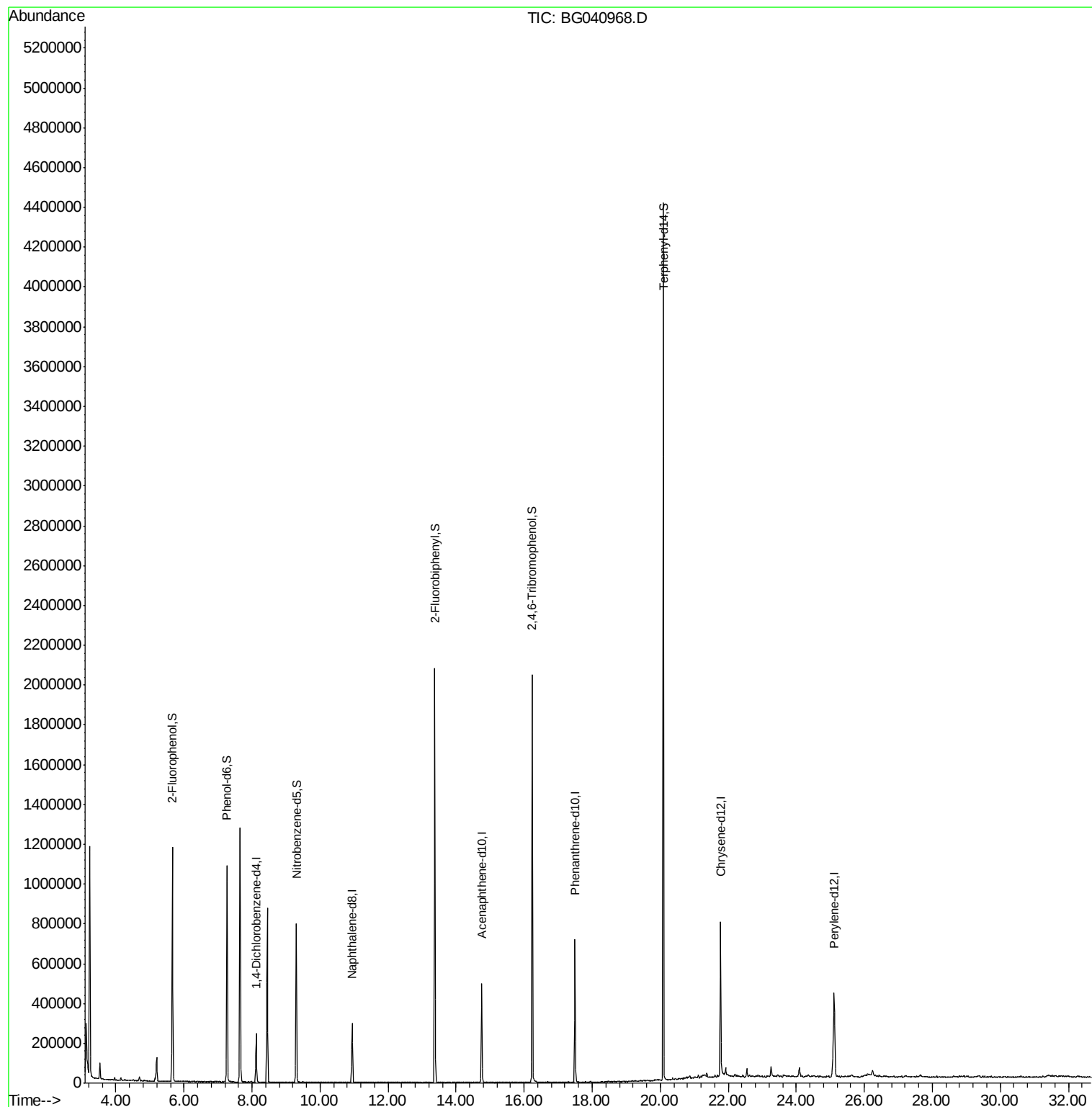
Target Compounds Qvalue

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

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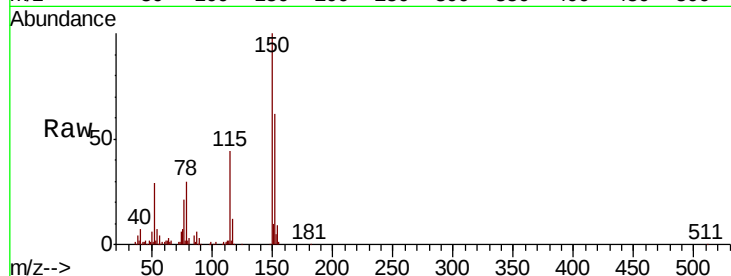


#1

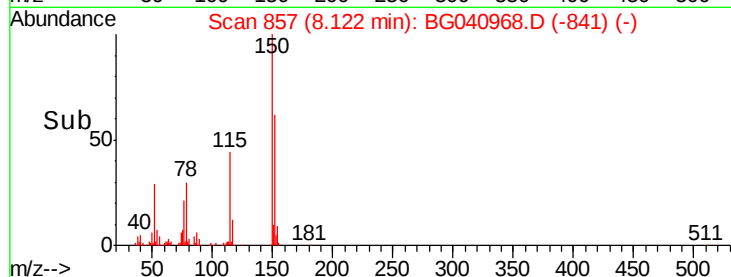
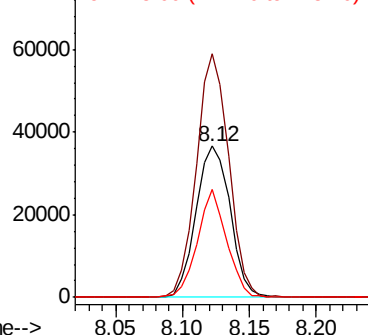
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040968.D
Acq: 31 May 2019 2:31

Instrument :
BNA_G
ClientSampleId :
TP-2-S

Tot Ion:152 Resp: 64767
Ion Ratio Lower Upper
152 100
150 161.1 120.6 180.8
115 71.2 45.1 67.7#



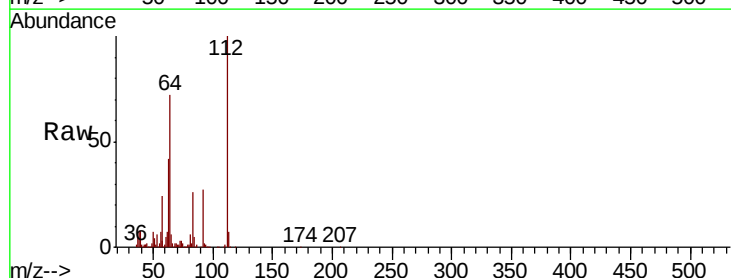
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



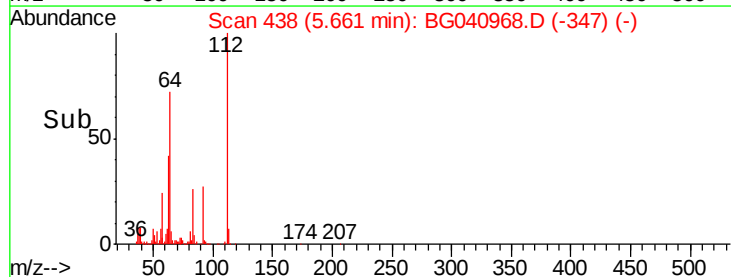
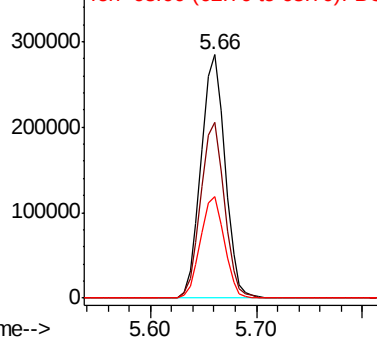
#5

2-Fluorophenol
Concen: 124.205 ng
RT: 5.66 min Scan# 438
Delta R.T. 0.00 min
Lab File: BG040968.D
Acq: 31 May 2019 2:31

Tgt Ion:112 Resp: 446116
Ion Ratio Lower Upper
112 100
64 72.1 56.2 84.2
63 41.7 32.8 49.2



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: 102.285 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040968.D

Acq: 31 May 2019 2:31

Instrument :

BNA_G

ClientSampleId :

TP-2-S

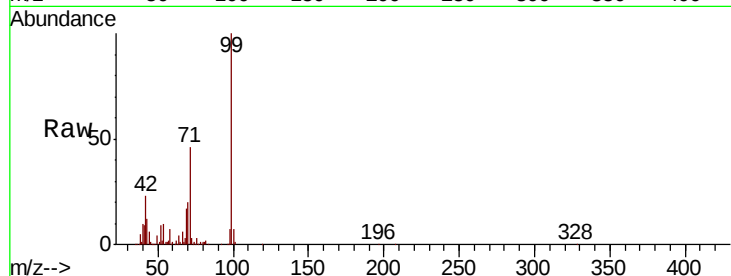
Tot Ion: 99 Resp: 567384

Ion Ratio Lower Upper

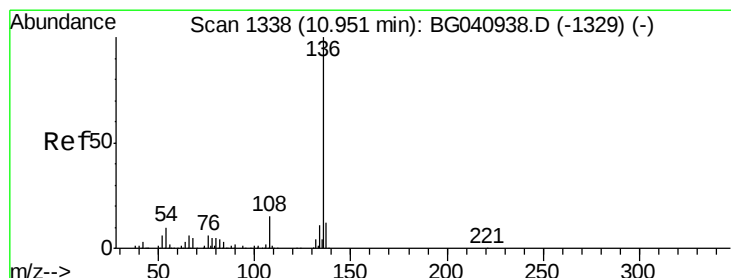
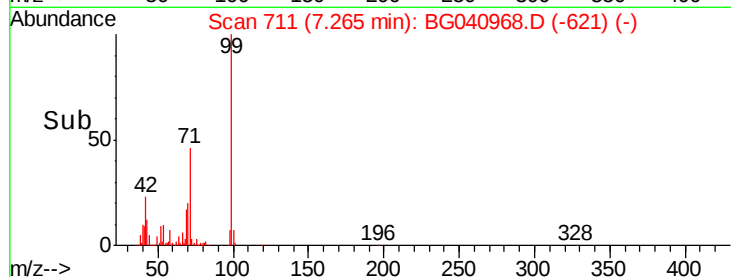
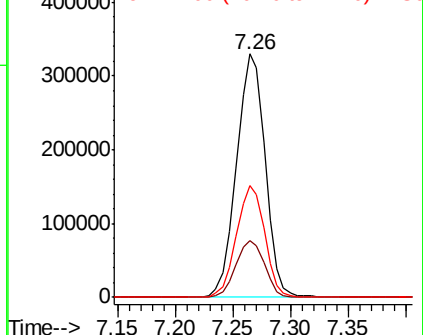
99 100

42 23.3 17.9 26.9

71 46.2 35.4 53.0



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: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG040968.D

Acq: 31 May 2019 2:31

Tgt Ion: 136 Resp: 241436

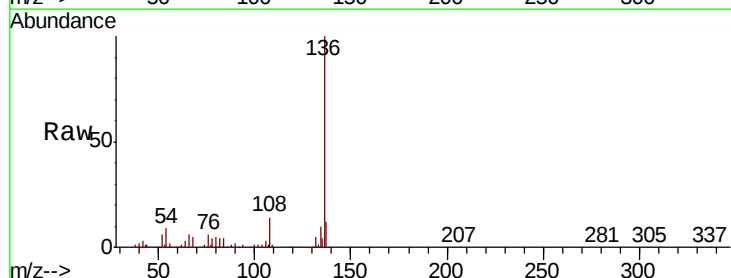
Ion Ratio Lower Upper

136 100

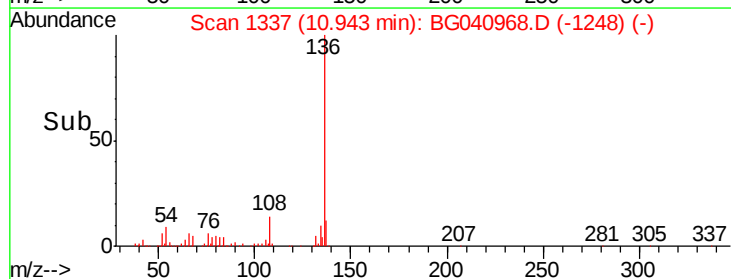
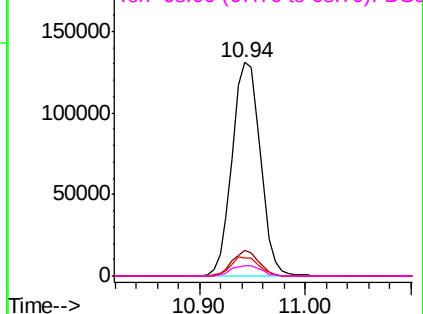
137 11.8 9.5 14.3

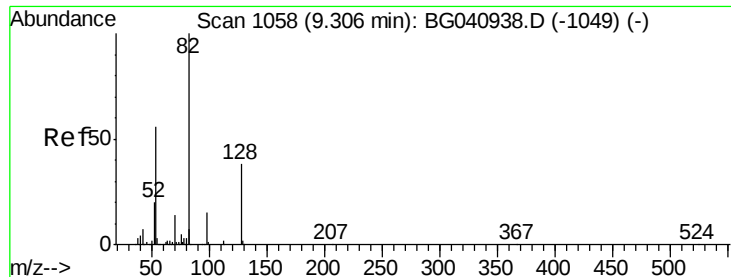
54 8.7 7.6 11.4

68 4.9 3.9 5.9



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

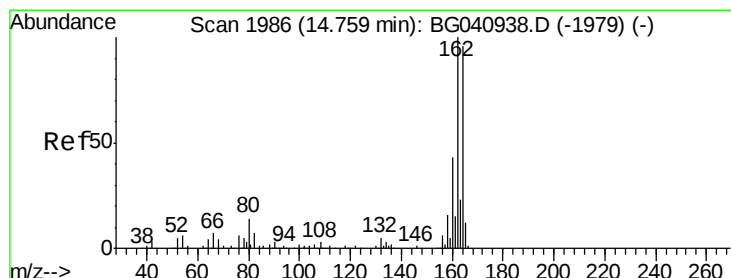
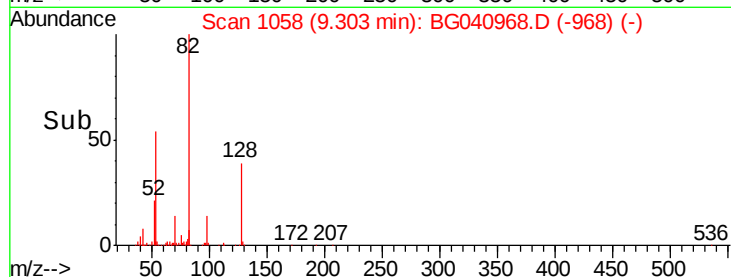
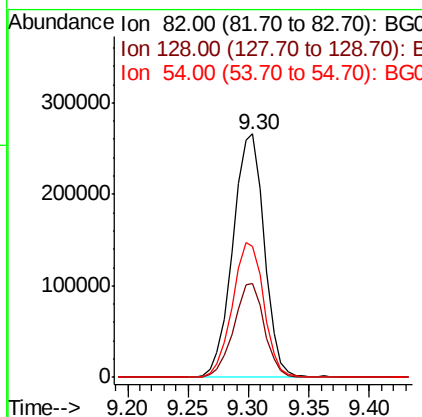
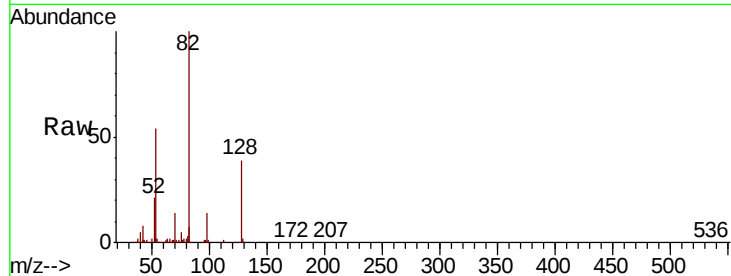




#23
Nitrobenzene-d5
Concen: 89.108 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BG040968.D
Acq: 31 May 2019 2:31

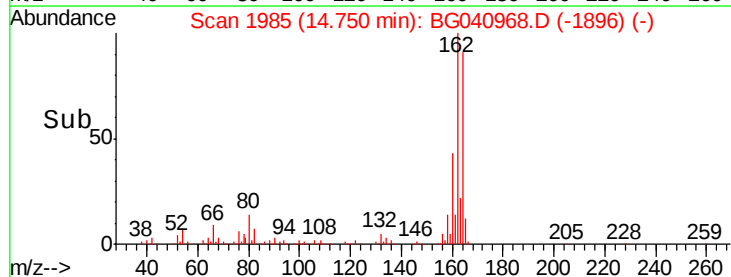
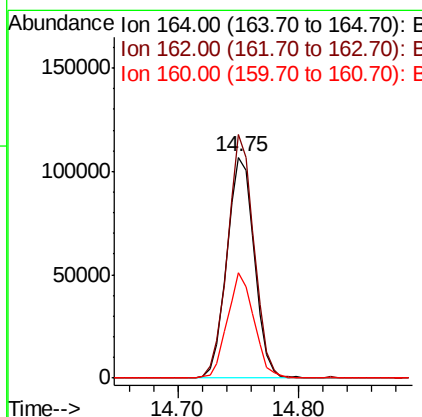
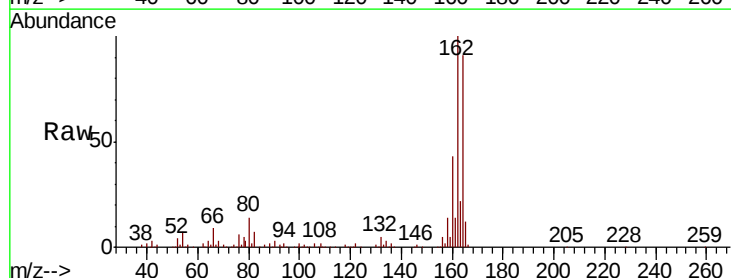
Instrument :
BNA_G
ClientSampleId :
TP-2-S

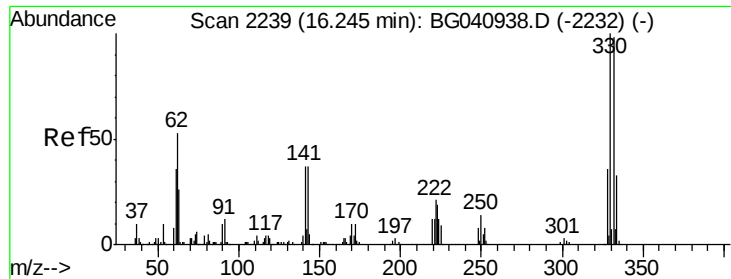
Tot Ion	82	Resp	484617
Ion Ratio	Lower	Upper	
82	100		
128	38.8	30.5	45.7
54	54.0	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG040968.D
Acq: 31 May 2019 2:31

Tgt Ion	164	Resp	168908
Ion Ratio	Lower	Upper	
164	100		
162	110.1	83.0	124.4
160	47.4	35.6	53.4

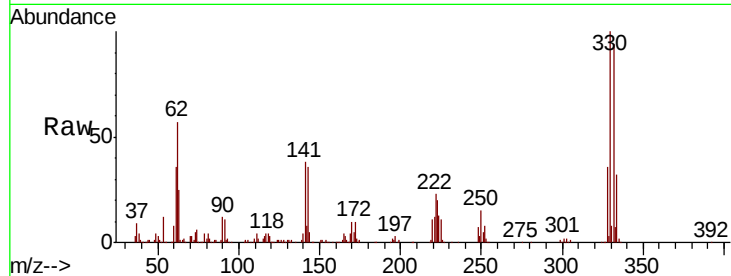




#42
 2,4,6-Tribromophenol
 Concen: 146.026 ng
 RT: 16.24 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG040968.D
 Acq: 31 May 2019 2:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.5	117.7
141	36.3	28.7	43.1

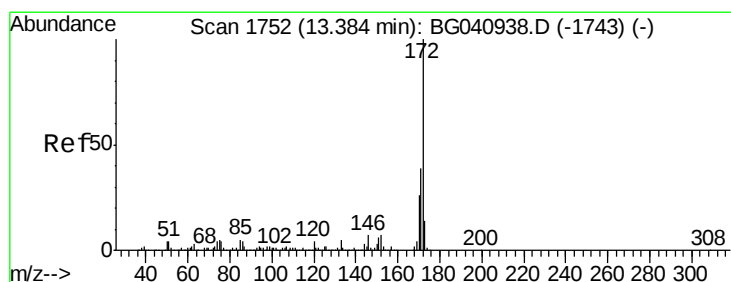
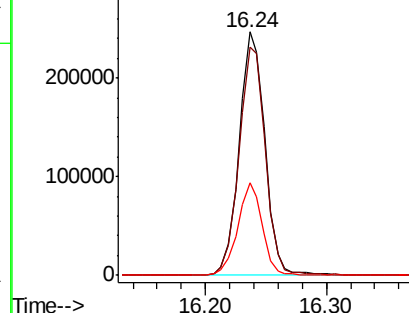
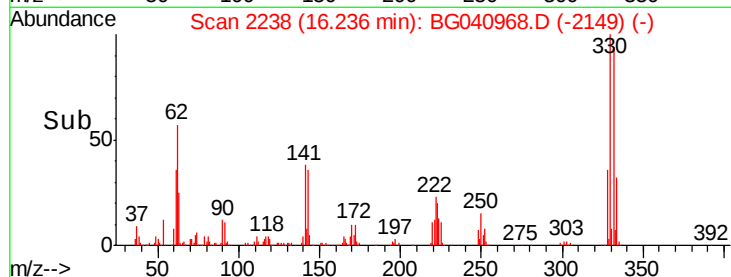


Abundance

Ion 329.80 (329.50 to 330.50): E

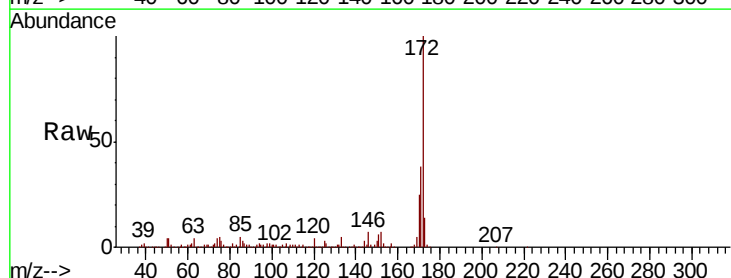
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.871 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BG040968.D
 Acq: 31 May 2019 2:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.1	46.7
170	25.1	20.5	30.7

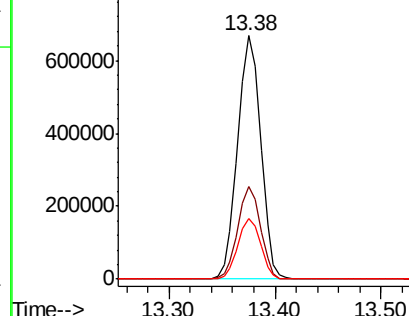
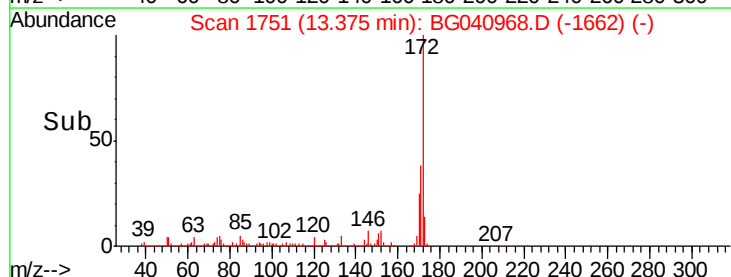


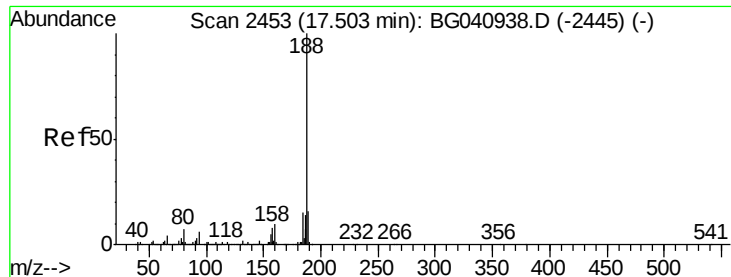
Abundance

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

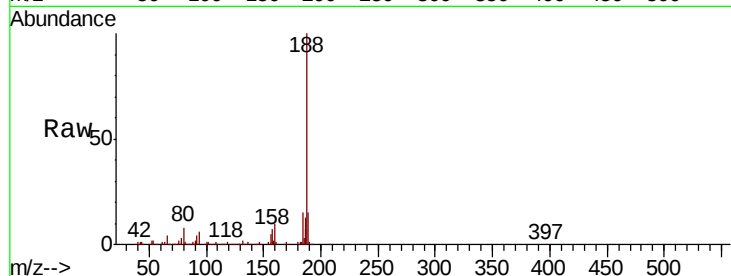




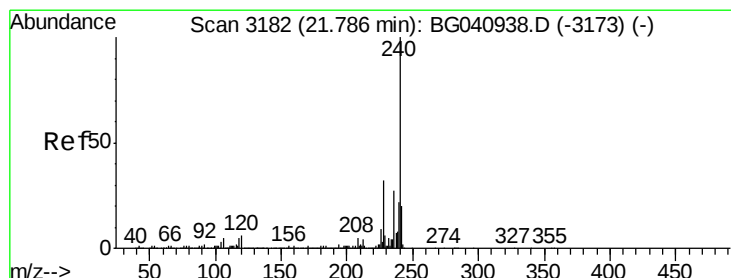
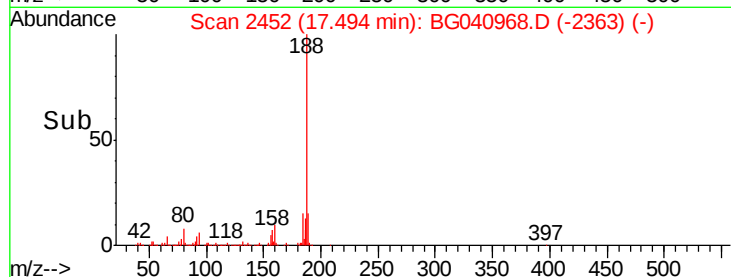
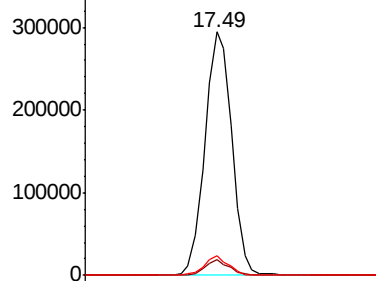
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040968.D
Acq: 31 May 2019 2:31

Instrument :
BNA_G
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.7	7.1
80	7.9	5.8	8.8

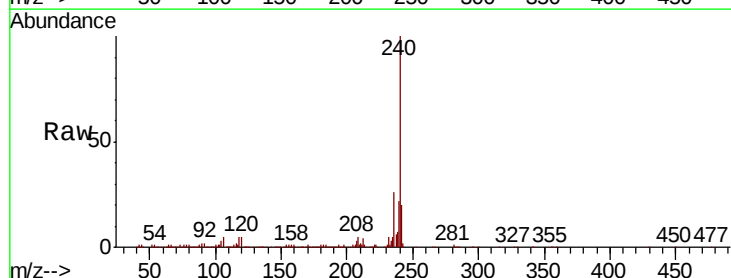


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

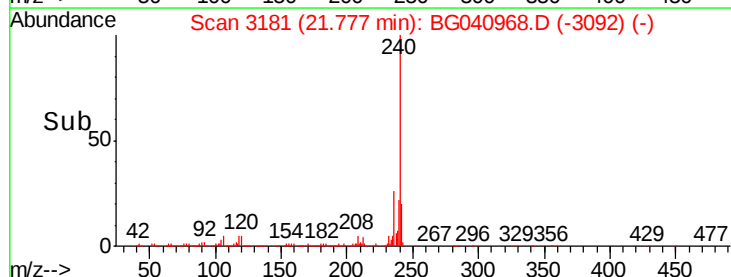
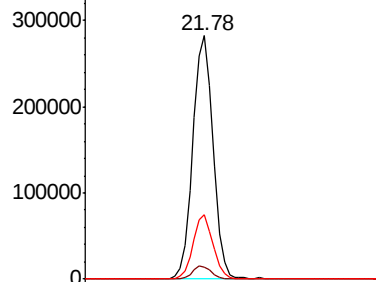


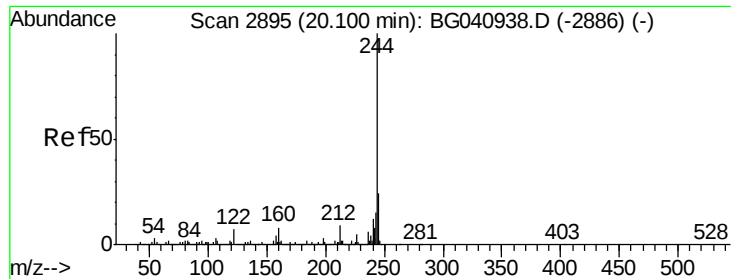
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG040968.D
Acq: 31 May 2019 2:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.5	6.7
236	26.4	21.3	31.9



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: 90.383 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040968.D

Acq: 31 May 2019 2:31

Instrument :

BNA_G

ClientSampleId :

TP-2-S

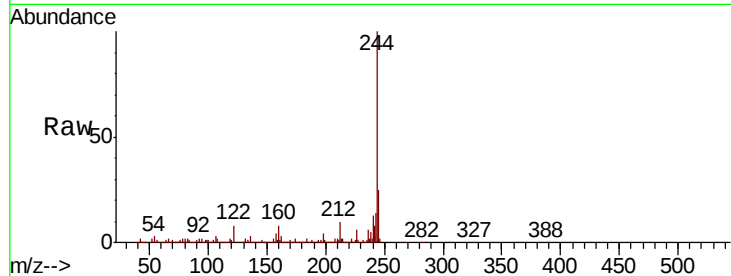
Tot Ion:244 Resp: 2000736

Ion Ratio Lower Upper

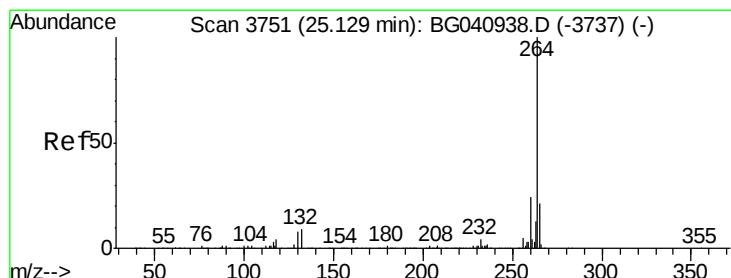
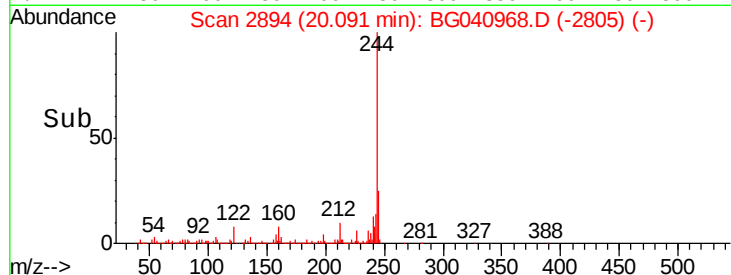
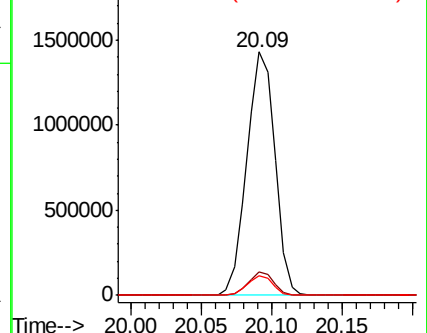
244 100

212 9.6 7.0 10.4

122 8.2 5.4 8.0#



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: 25.11 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG040968.D

Acq: 31 May 2019 2:31

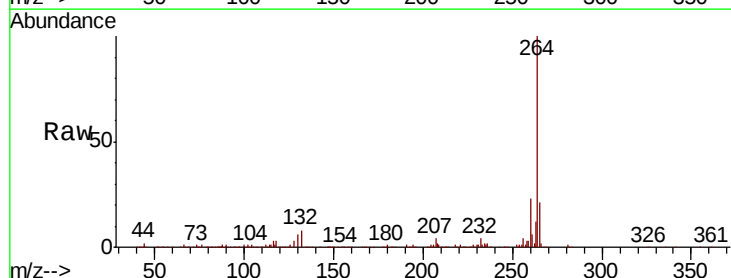
Tgt Ion:264 Resp: 488852

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.1 17.0 25.4



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

