

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040508.D
 Acq On : 16 Apr 2019 18:09
 Operator : JU/SJ
 Sample : K2423-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1-A

Quant Time: Apr 17 02:28:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

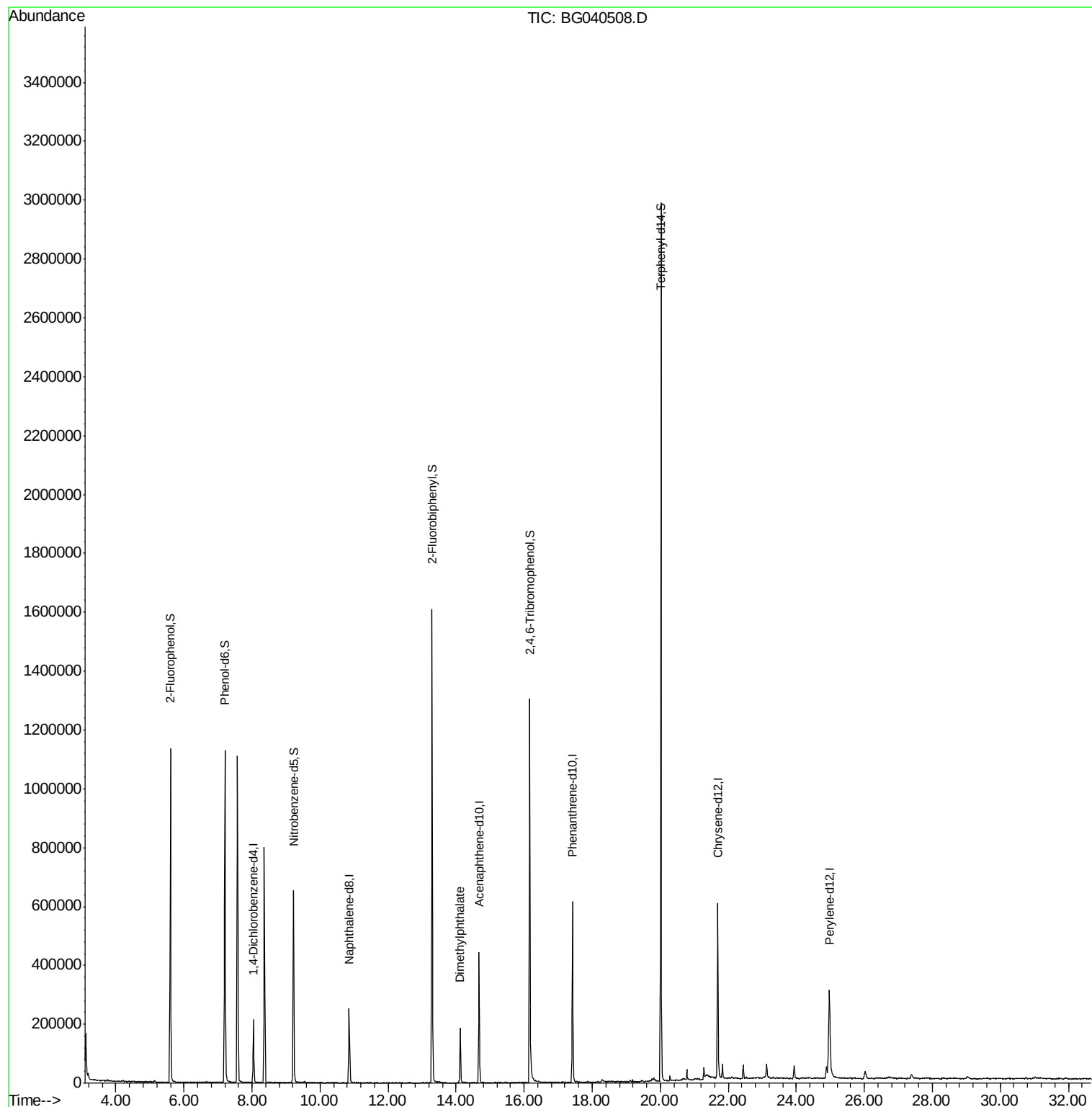
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	59579	20.00	ng	-0.03
21) Naphthalene-d8	10.85	136	237954	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	151920	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	402956	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	358628	20.00	ng	-0.04
87) Perylene-d12	24.97	264	383550	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	495498	138.26	ng	-0.02
7) Phenol-d6	7.20	99	689859	139.28	ng	-0.02
23) Nitrobenzene-d5	9.22	82	419281	93.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	251592	153.24	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	879204	85.75	ng	-0.03
79) Terphenyl-d14	20.02	244	1333960	83.68	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.12	163	137061	11.528	ng	Qvalue 98

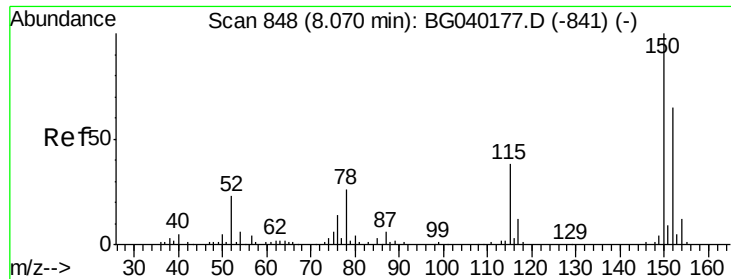
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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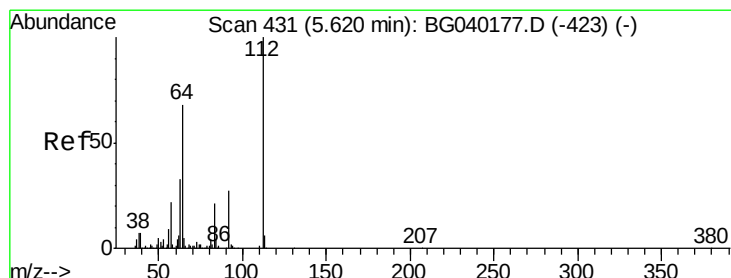
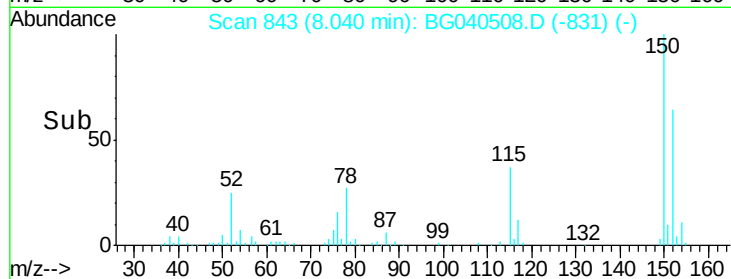
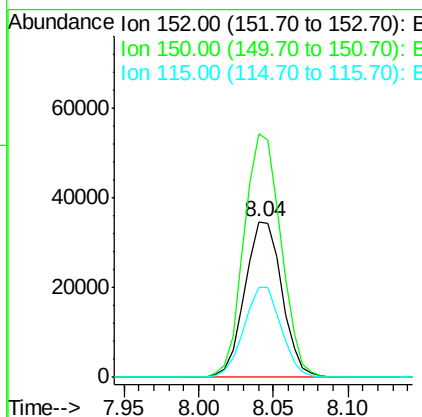
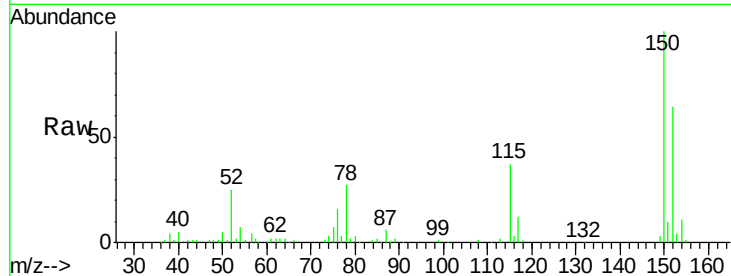


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :
TP1-A

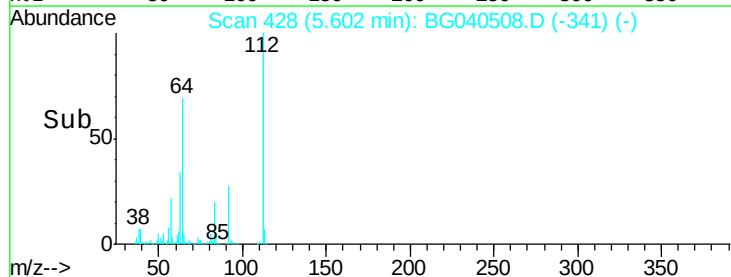
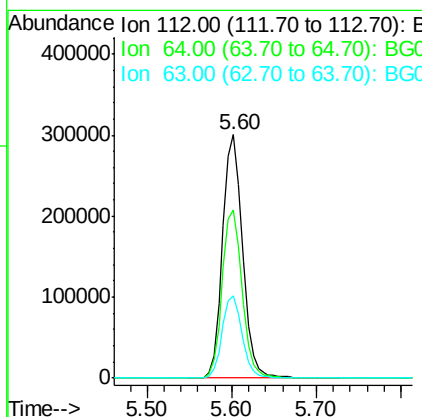
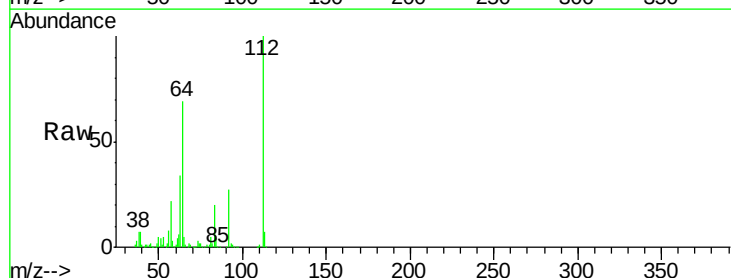
Tgt Ion:152 Resp: 59579
Ion Ratio Lower Upper
152 100
150 156.1 123.7 185.5
115 58.1 46.9 70.3

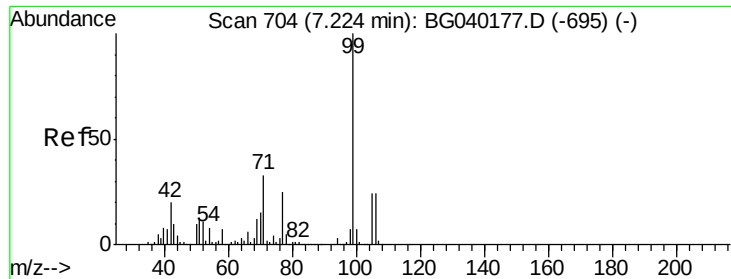


#5

2-Fluorophenol
Concen: 138.257 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Tgt Ion:112 Resp: 495498
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.2
63 33.8 26.4 39.6





#7

Phenol-d6

Concen: 139.281 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040508.D

Acq: 16 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

TP1-A

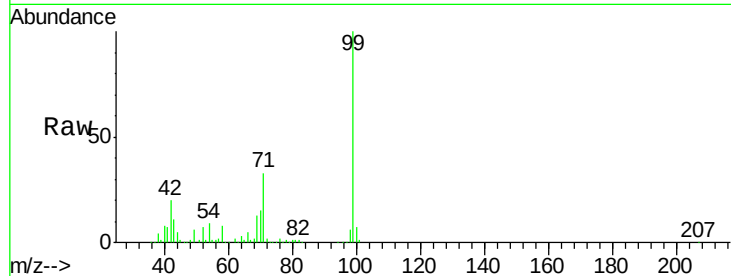
Tgt Ion: 99 Resp: 689859

Ion Ratio Lower Upper

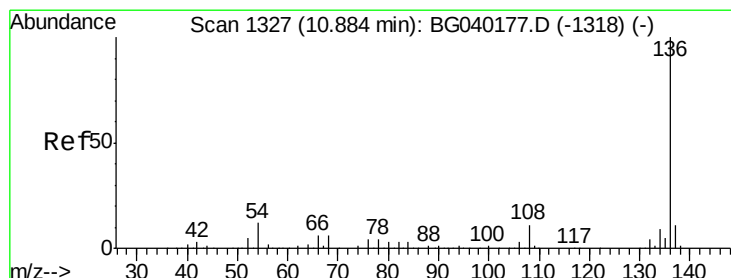
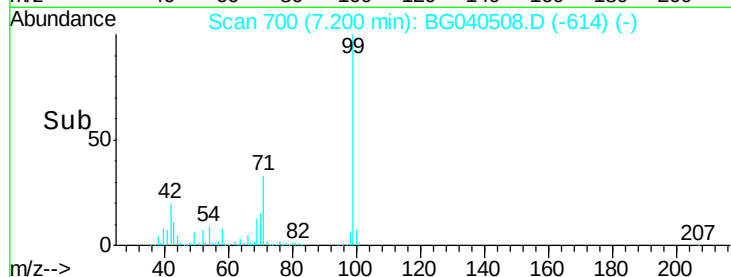
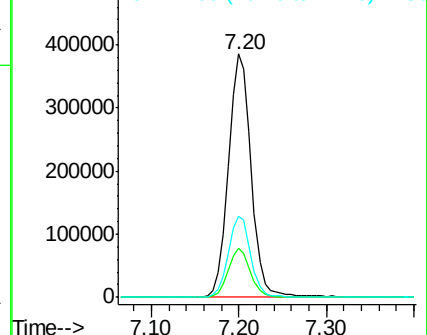
99 100

42 20.3 16.2 24.2

71 33.1 26.8 40.2



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: 10.85 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BG040508.D

Acq: 16 Apr 2019 18:09

Tgt Ion: 136 Resp: 237954

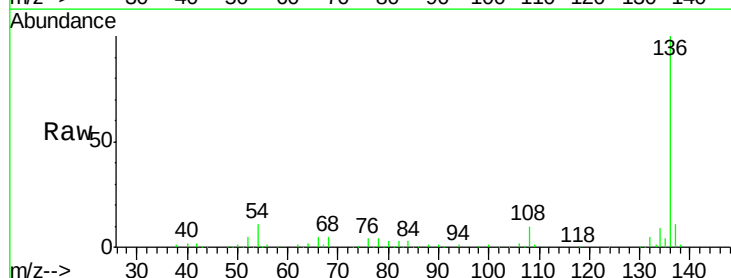
Ion Ratio Lower Upper

136 100

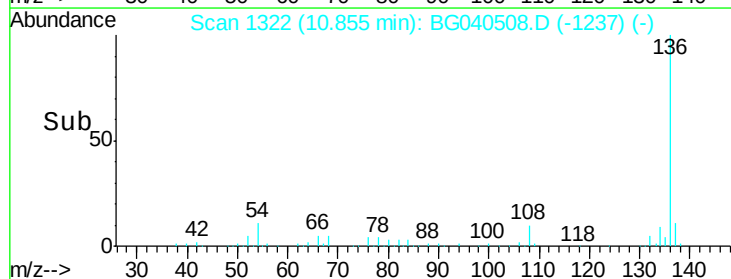
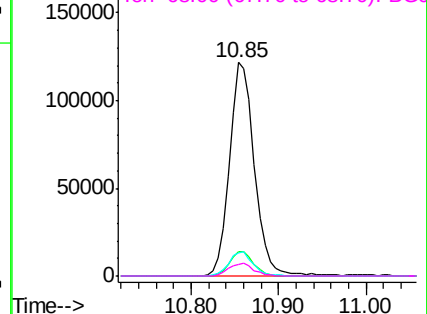
137 11.4 8.9 13.3

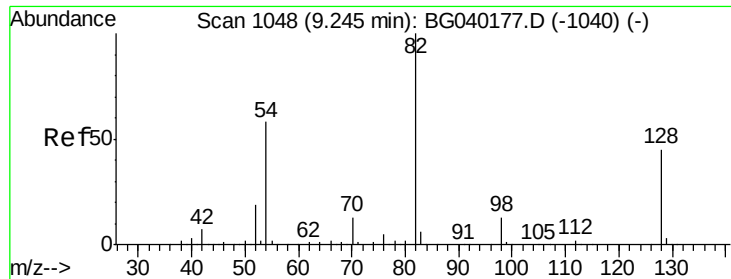
54 11.1 9.6 14.4

68 5.4 5.1 7.7



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

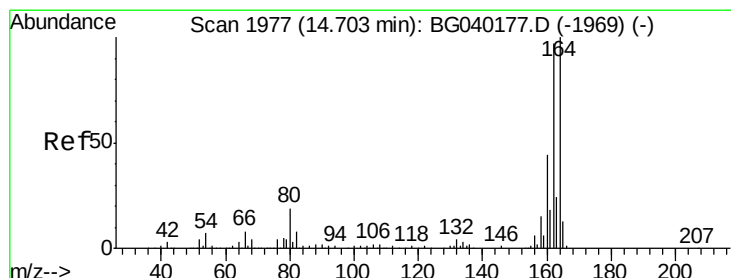
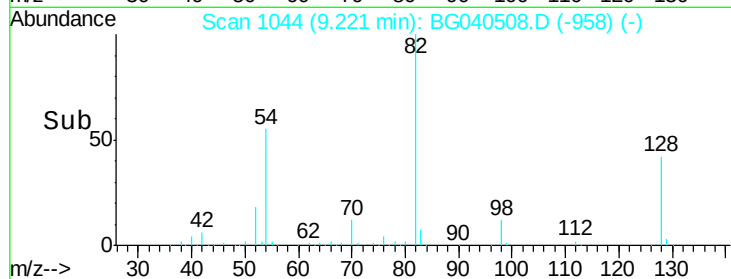
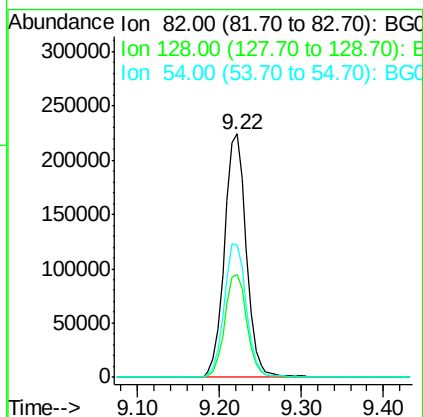
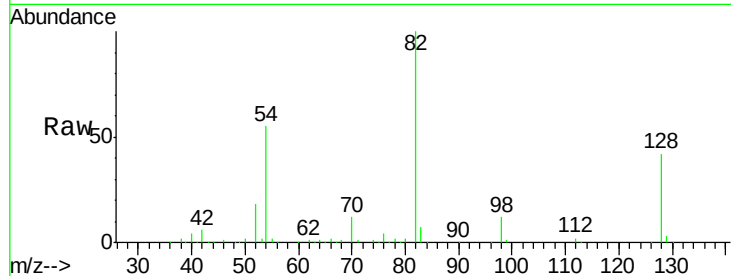




#23
 Nitrobenzene-d5
 Concen: 93.658 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040508.D
 Acq: 16 Apr 2019 18:09

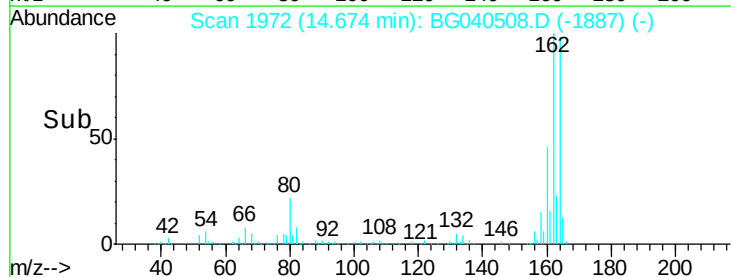
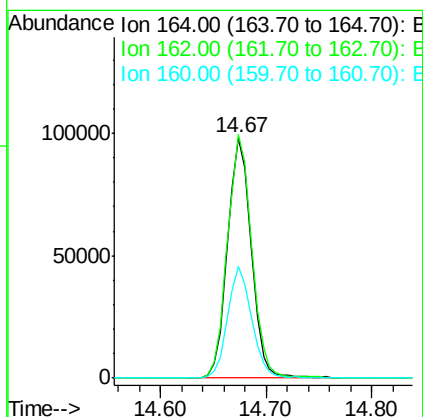
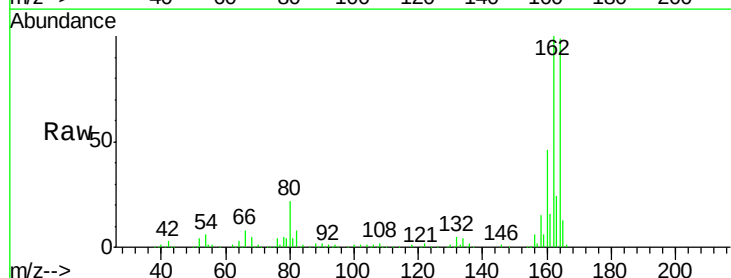
Instrument :
 BNA_G
 ClientSampled :
 TP1-A

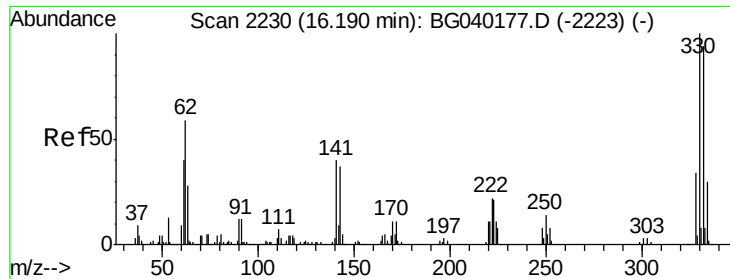
Tgt Ion: 82 Resp: 419281
 Ion Ratio Lower Upper
 82 100
 128 42.4 35.8 53.8
 54 54.5 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040508.D
 Acq: 16 Apr 2019 18:09

Tgt Ion: 164 Resp: 151920
 Ion Ratio Lower Upper
 164 100
 162 101.4 77.4 116.2
 160 46.3 35.3 52.9

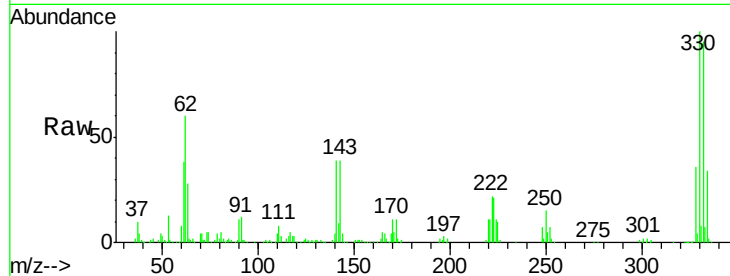




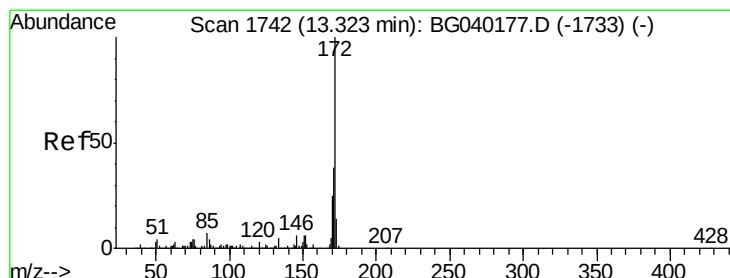
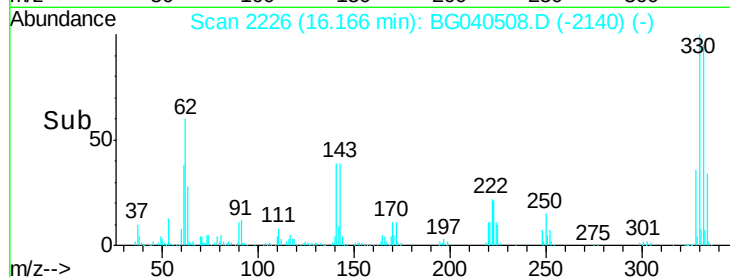
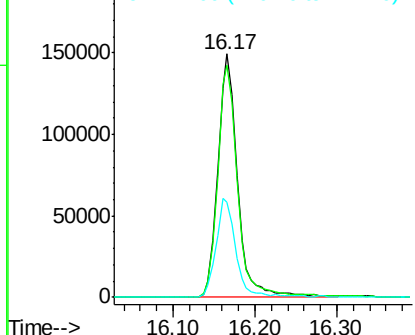
#42
 2,4,6-Tribromophenol
 Concen: 153.236 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040508.D
 Acq: 16 Apr 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :
 TP1-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	40.5	32.6	48.8

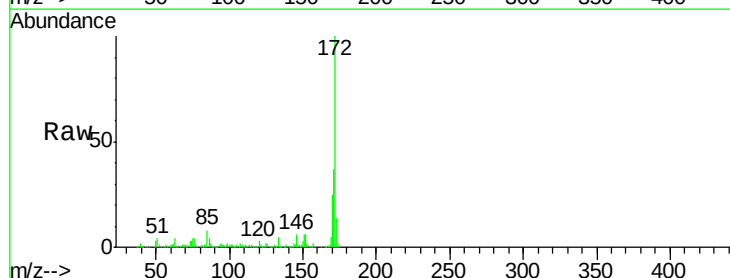


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

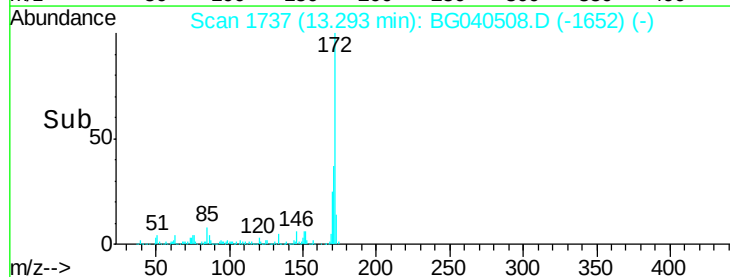
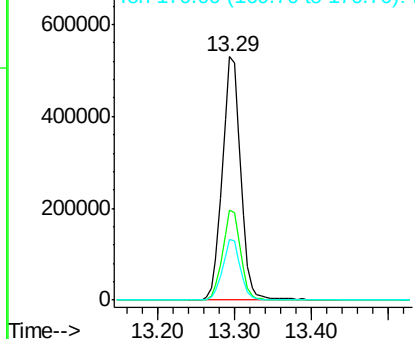


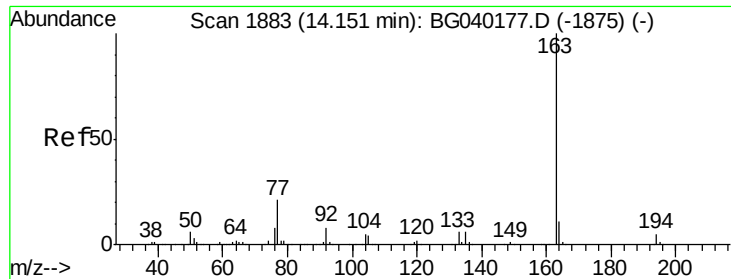
#45
 2-Fluorobiphenyl
 Concen: 85.754 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040508.D
 Acq: 16 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.7	20.1	30.1



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

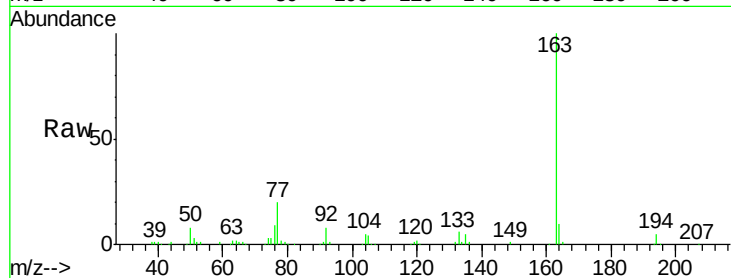




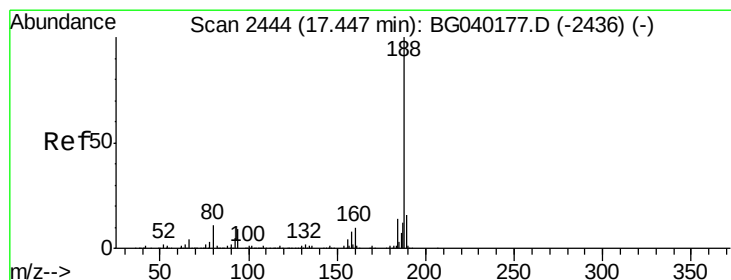
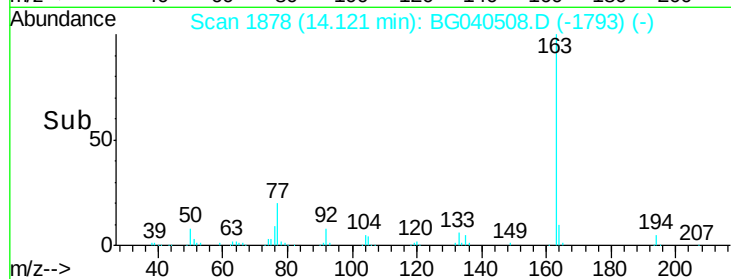
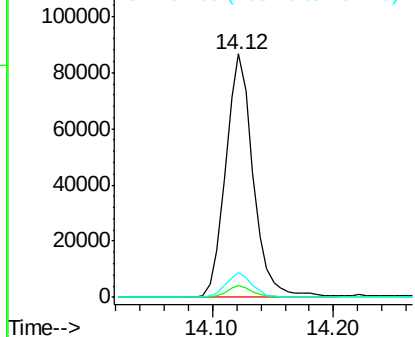
#50
Dimethylphthalate
Concen: 11.528 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :
TP1-A

Tgt Ion:163 Resp: 137061
Ion Ratio Lower Upper
163 100
194 4.7 4.1 6.1
164 10.1 8.6 13.0

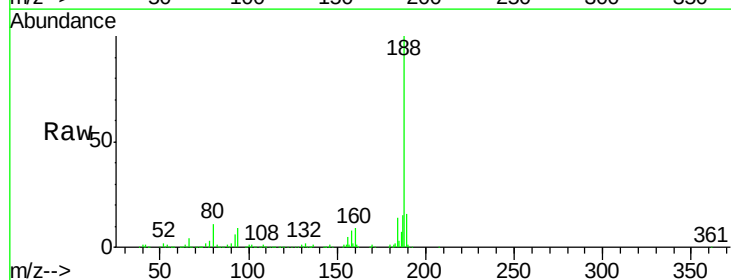


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

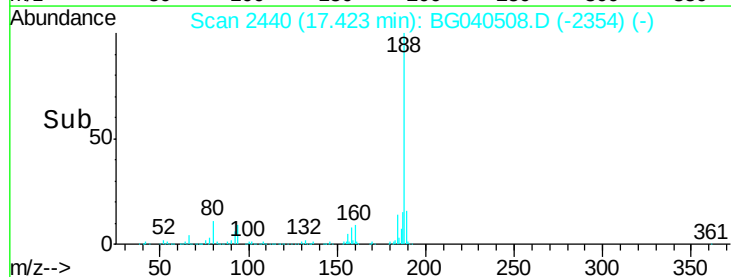
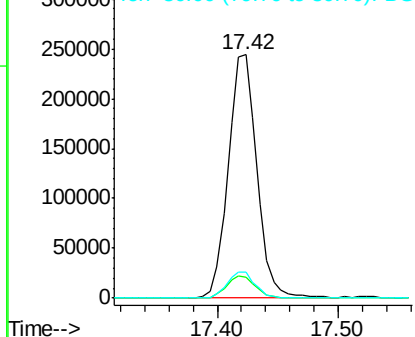


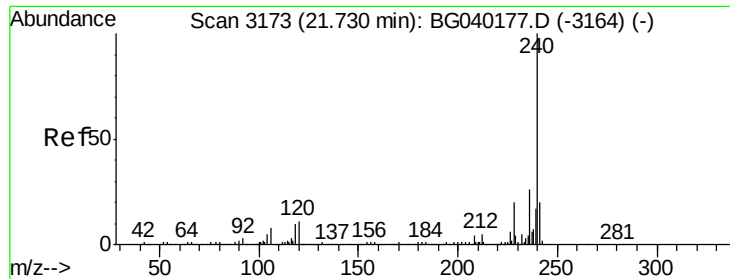
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Tgt Ion:188 Resp: 402956
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 10.9 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0

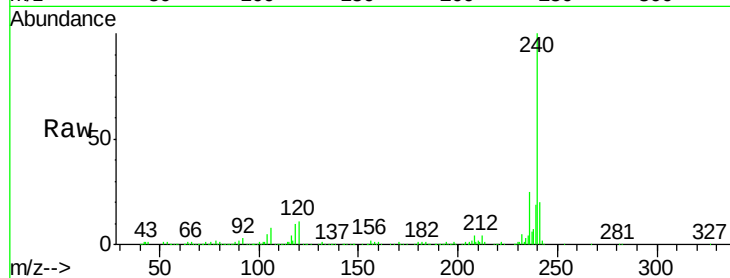




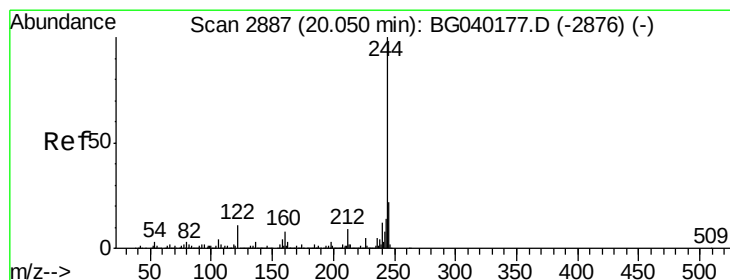
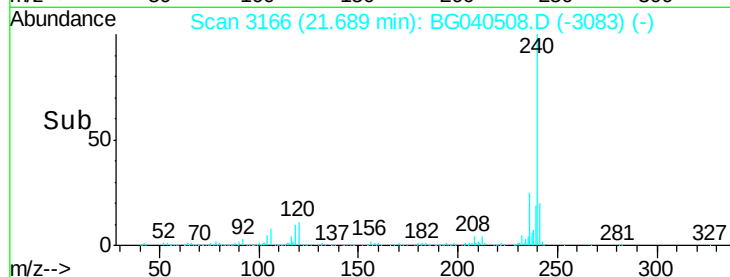
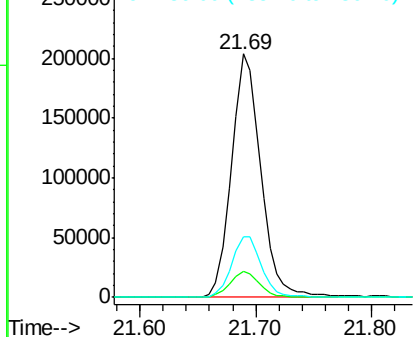
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :
TP1-A

Tgt Ion:240 Resp: 358628
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 25.0 20.8 31.2

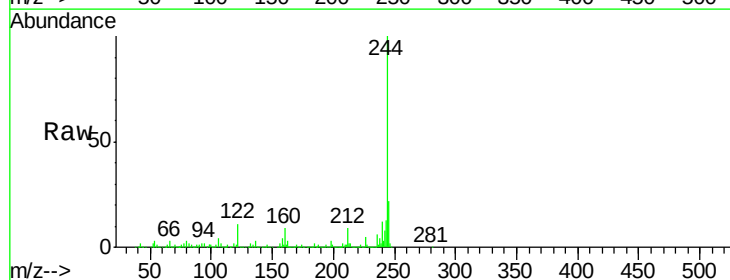


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

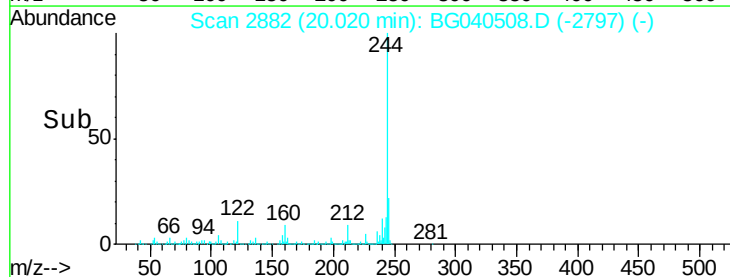
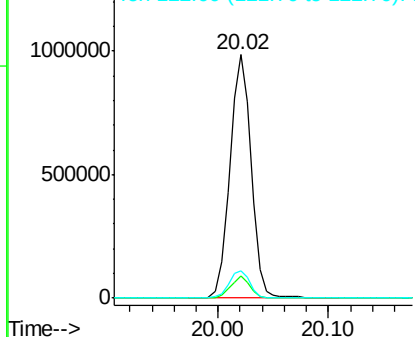


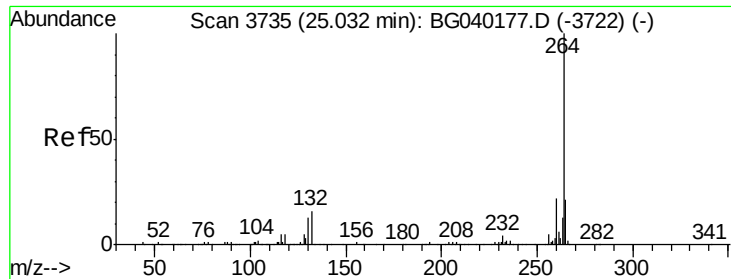
#79
Terphenyl-d14
Concen: 83.679 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Tgt Ion:244 Resp: 1333960
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.6
122 11.4 8.5 12.7



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: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :
TP1-A

Tgt Ion: 264 Resp: 383550
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 21.9 16.8 25.2

