

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040423.D
 Acq On : 10 Apr 2019 20:21
 Operator : JU/SJ
 Sample : K2311-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0239-COMP-CS-4-ELTRT

Quant Time: Apr 11 05:54:24 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

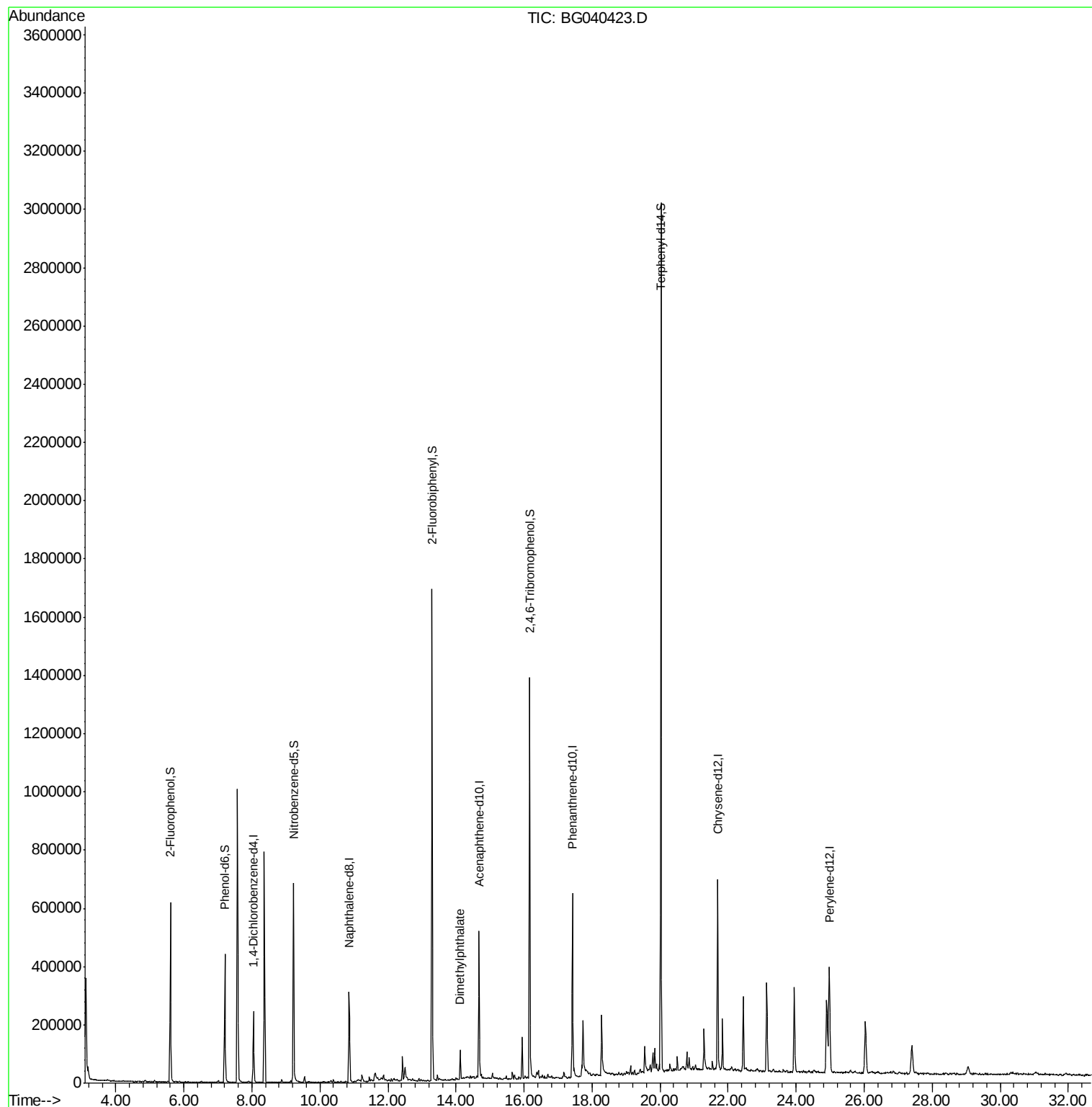
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	68436	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	274391	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	166129	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	395107	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	399098	20.00	ng	-0.04
87) Perylene-d12	24.97	264	403644	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	278692	67.70	ng	-0.01
7) Phenol-d6	7.20	99	271744	47.76	ng	-0.02
23) Nitrobenzene-d5	9.22	82	432543	83.79	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	255508	142.31	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	914856	81.60	ng	-0.03
79) Terphenyl-d14	20.02	244	1386009	78.13	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.12	163	71489	5.498	ng	Qvalue 99

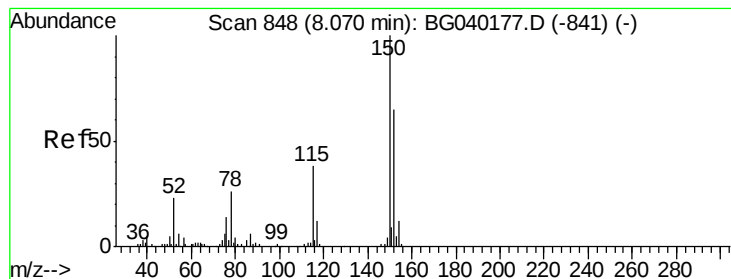
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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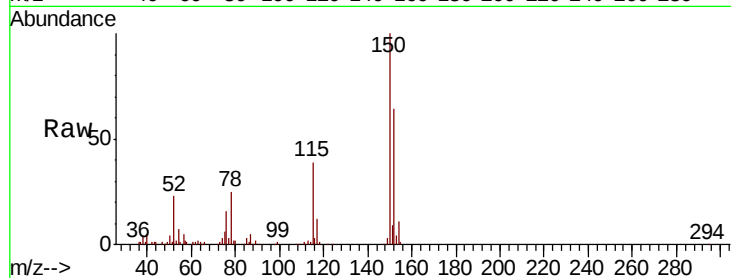


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BG040423.D
 Acq: 10 Apr 2019 20:21

Instrument :
 BNA_G
 ClientSampleId :
 0239-COMP-CS-4-ELTRT

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.7	185.5
115	61.5	46.9	70.3

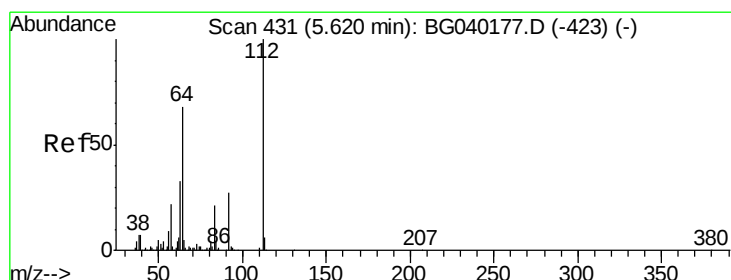
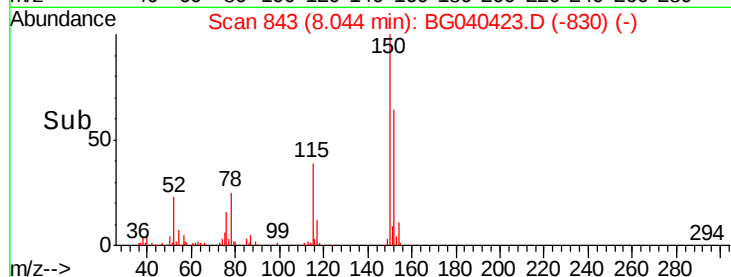
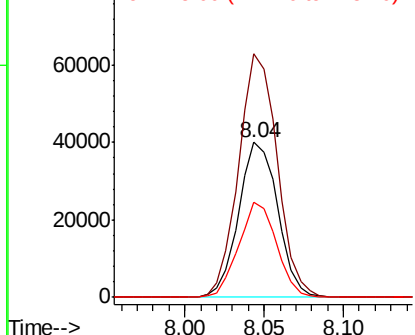


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

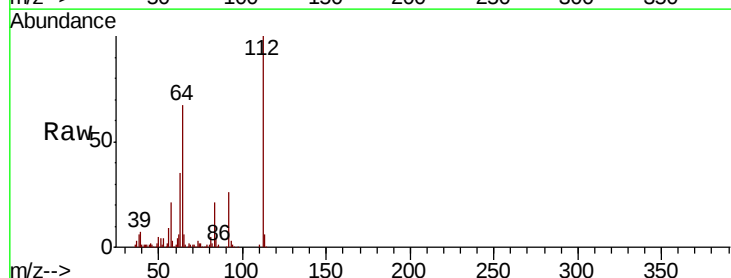
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 67.698 ng
 RT: 5.61 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: BG040423.D
 Acq: 10 Apr 2019 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	54.2	81.2
63	34.6	26.4	39.6

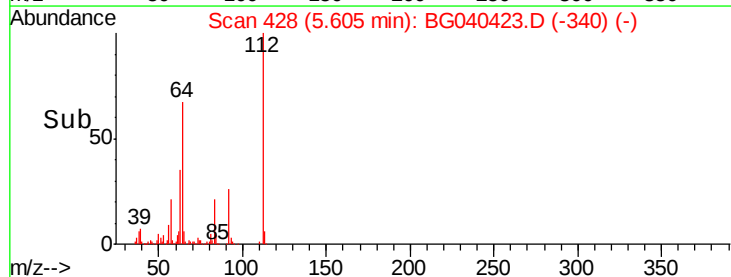
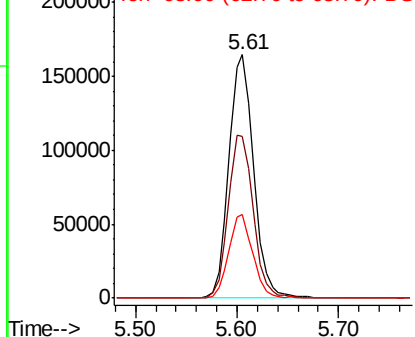


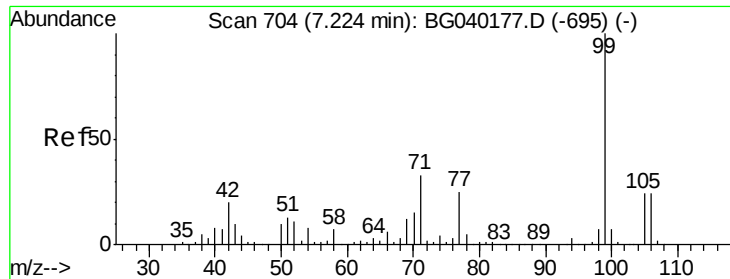
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 47.764 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040423.D

Acq: 10 Apr 2019 20:21

Instrument :

BNA_G

ClientSampleId :

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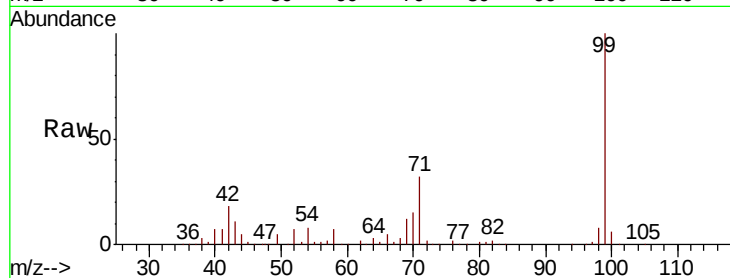
Tot Ion: 99 Resp: 271744

Ion Ratio Lower Upper

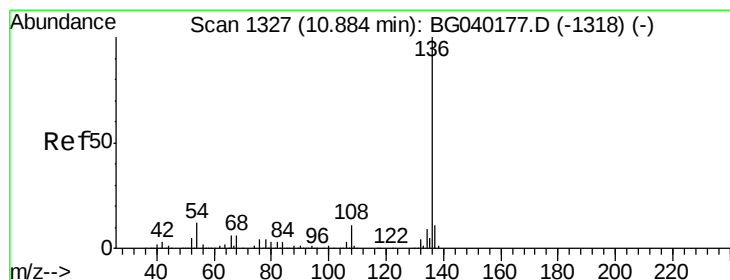
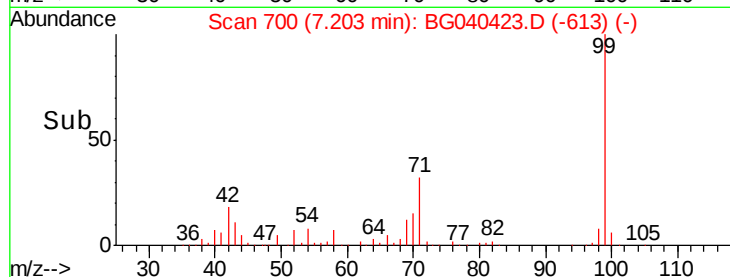
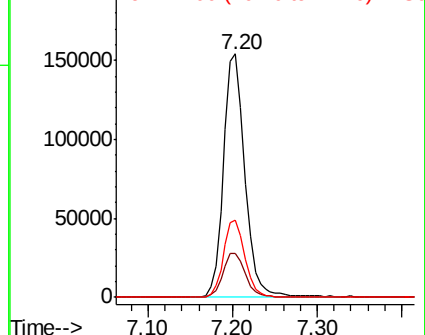
99 100

42 18.3 16.2 24.2

71 31.6 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: 10.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BG040423.D

Acq: 10 Apr 2019 20:21

Tgt Ion: 136 Resp: 274391

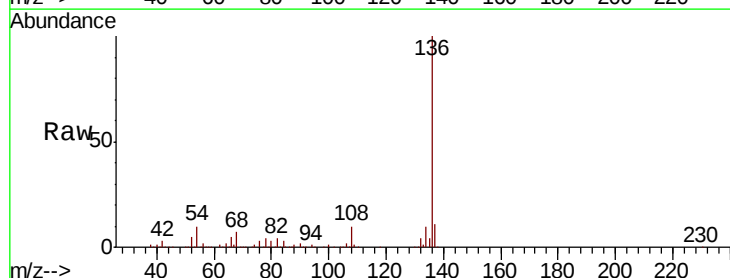
Ion Ratio Lower Upper

136 100

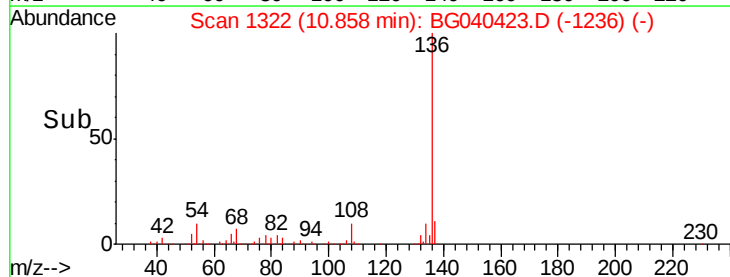
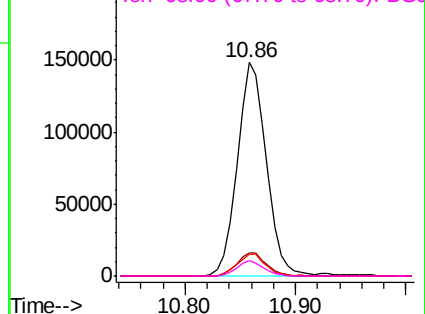
137 10.6 8.9 13.3

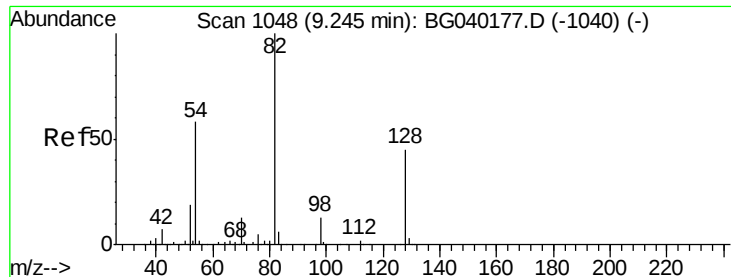
54 10.3 9.6 14.4

68 6.9 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

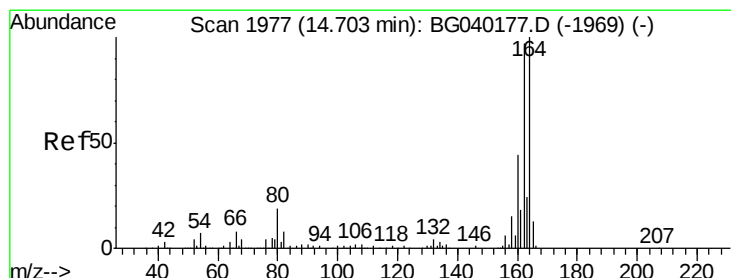
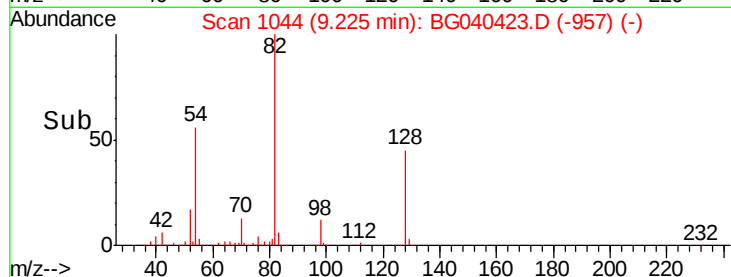
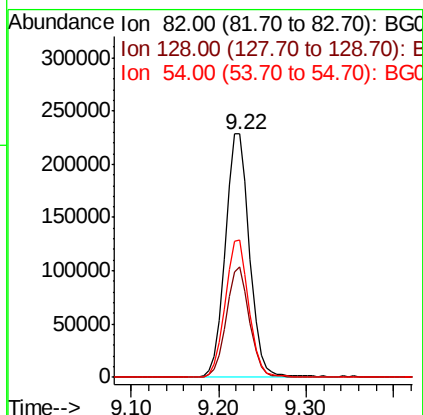
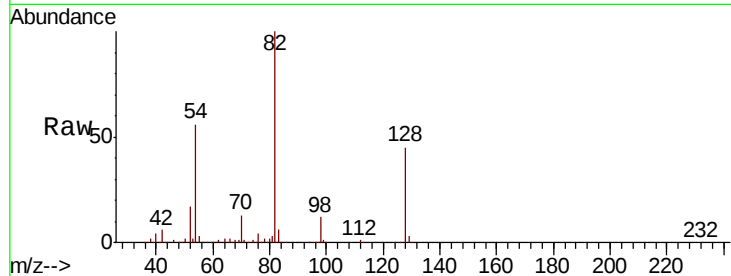




#23
Nitrobenzene-d5
Concen: 83.790 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040423.D
Acq: 10 Apr 2019 20:21

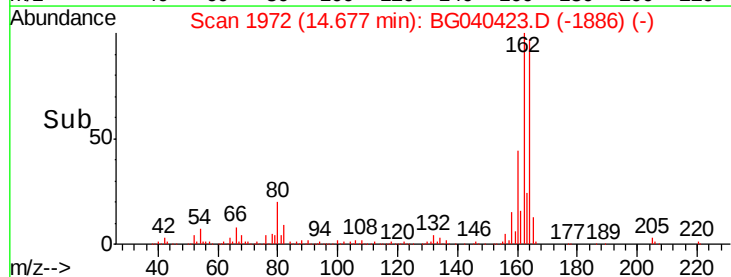
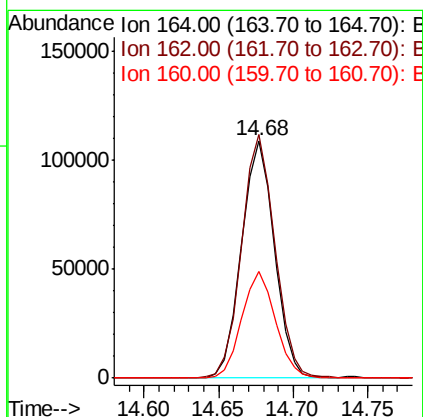
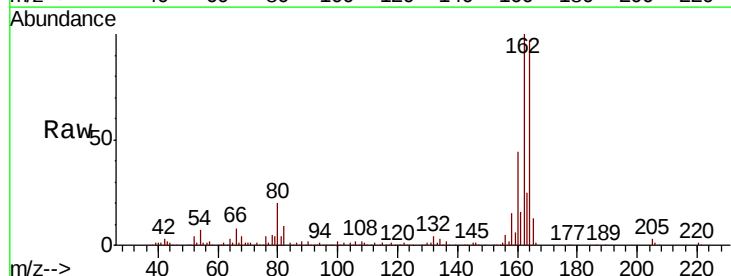
Instrument :
BNA_G
ClientSampleId :
0239-COMP-CS-4-ELTRT

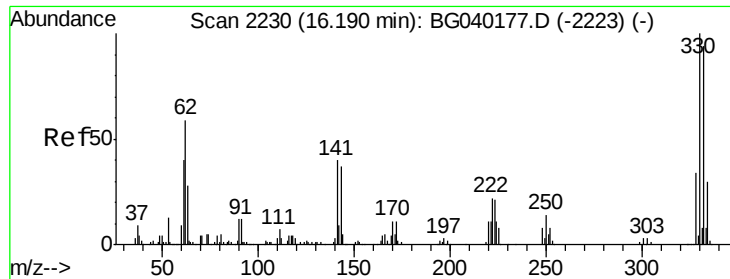
Tot Ion	82	Resp	432543
Ion Ratio	Lower	Upper	
82	100		
128	45.3	35.8	53.8
54	56.4	46.2	69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040423.D
Acq: 10 Apr 2019 20:21

Tgt Ion	164	Resp	166129
Ion Ratio	Lower	Upper	
164	100		
162	102.6	77.4	116.2
160	45.1	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 142.311 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040423.D

Acq: 10 Apr 2019 20:21

Instrument :

BNA_G

ClientSampleId :

0239-COMP-CS-4-ELTRT

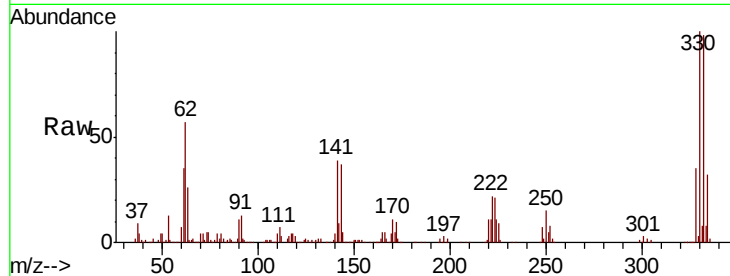
Tot Ion:330 Resp: 255508

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

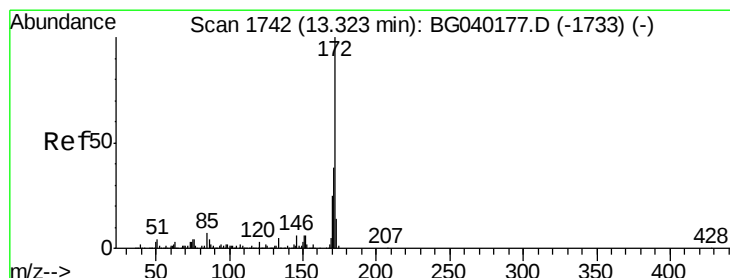
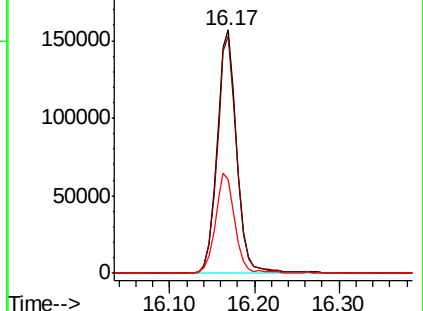
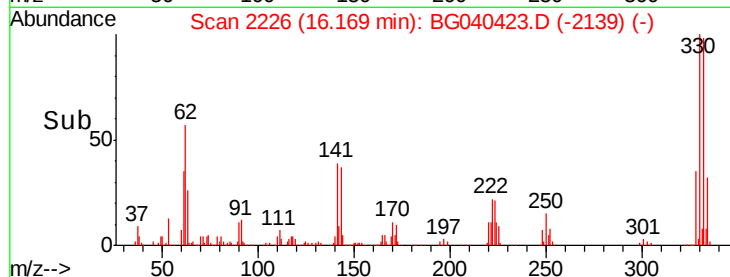
141 40.9 32.6 48.8



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: 81.599 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040423.D

Acq: 10 Apr 2019 20:21

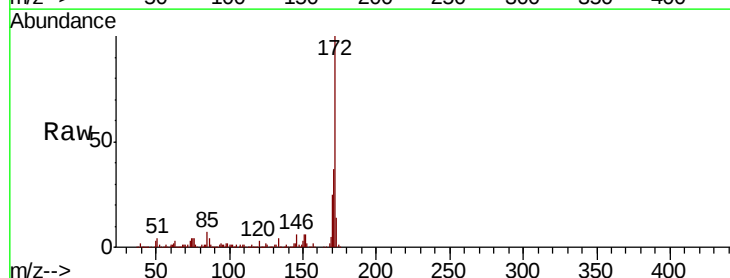
Tgt Ion:172 Resp: 914856

Ion Ratio Lower Upper

172 100

171 37.3 30.5 45.7

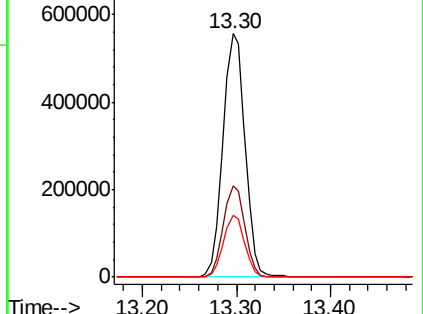
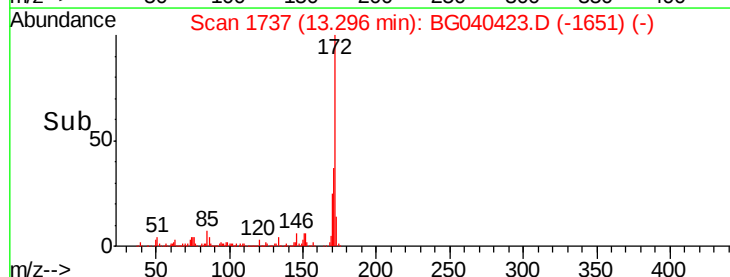
170 25.2 20.1 30.1

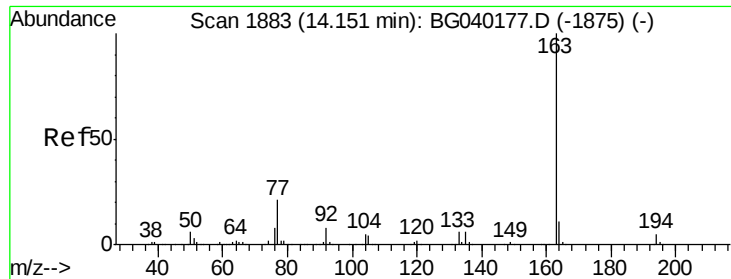


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

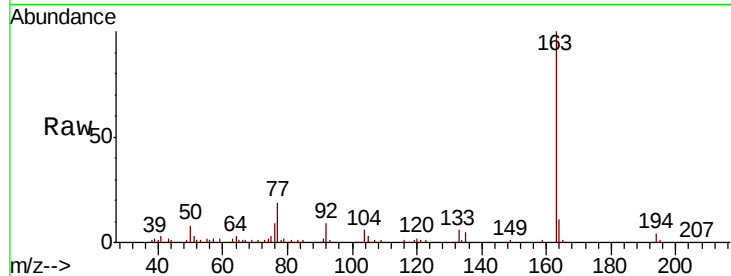




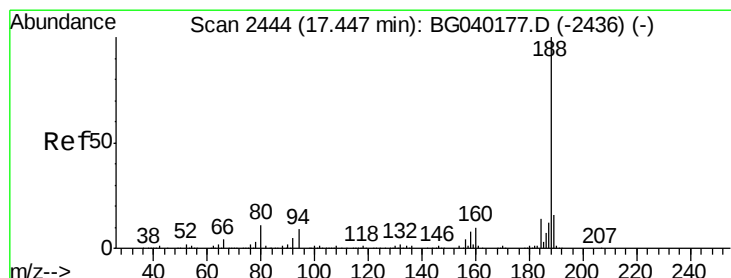
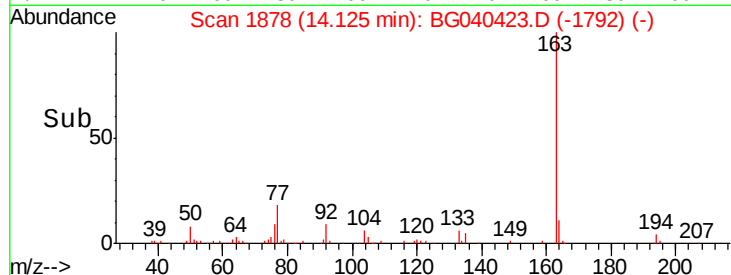
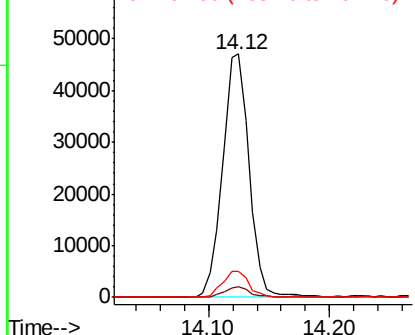
#50
Dimethylphthalate
Concen: 5.498 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040423.D
Acq: 10 Apr 2019 20:21

Instrument :
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Tot Ion:163 Resp: 71489
Ion Ratio Lower Upper
163 100
194 4.4 4.1 6.1
164 10.7 8.6 13.0

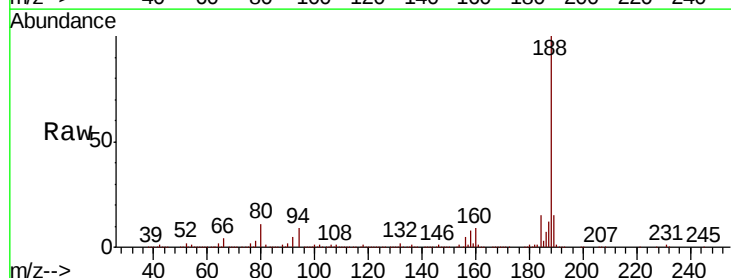


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

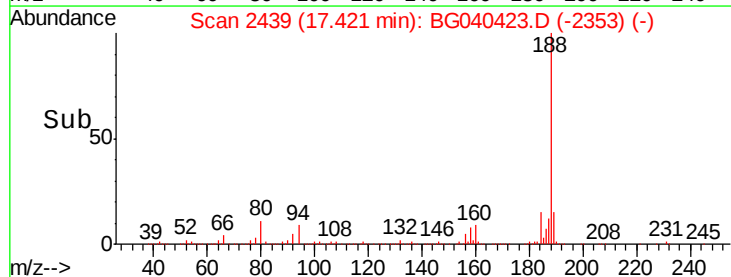
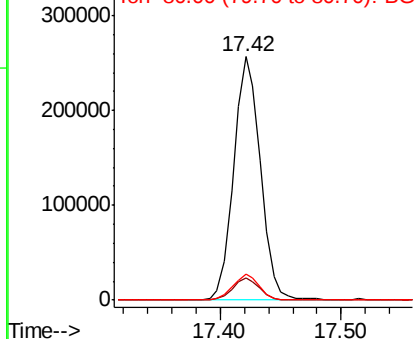


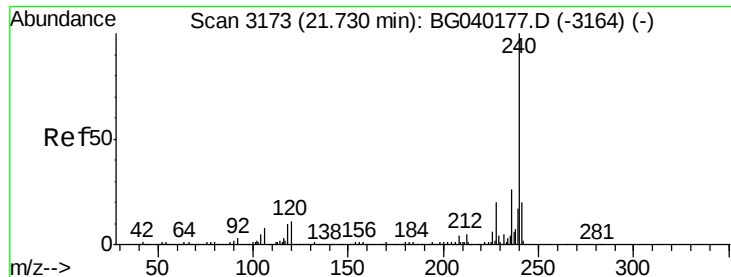
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040423.D
Acq: 10 Apr 2019 20:21

Tgt Ion:188 Resp: 395107
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 10.7 8.6 13.0



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

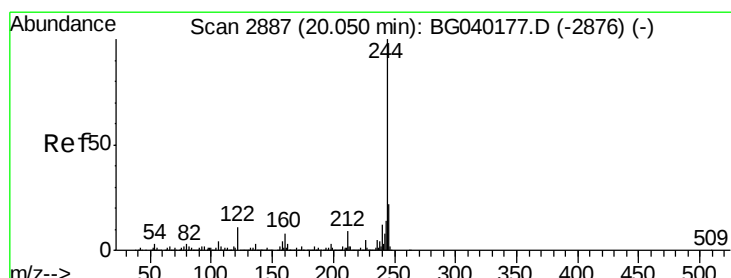
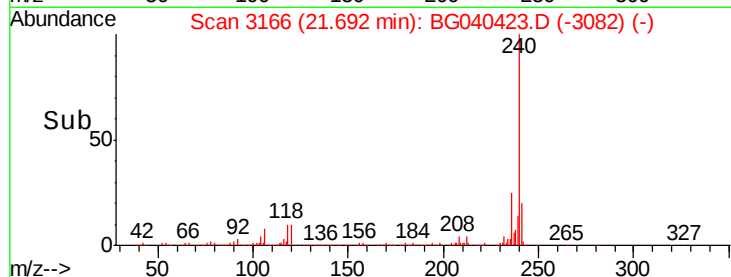
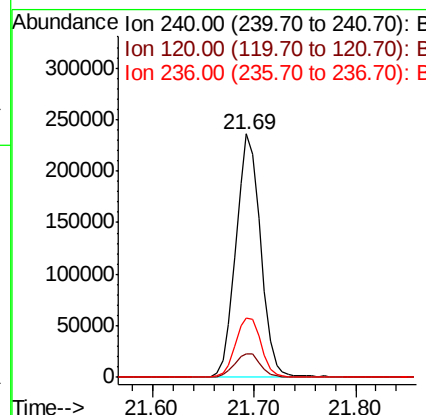
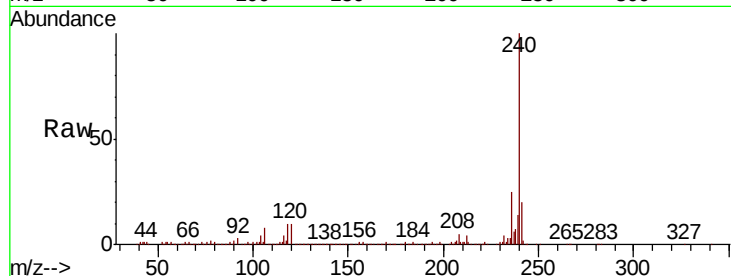




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040423.D
 Acq: 10 Apr 2019 20:21

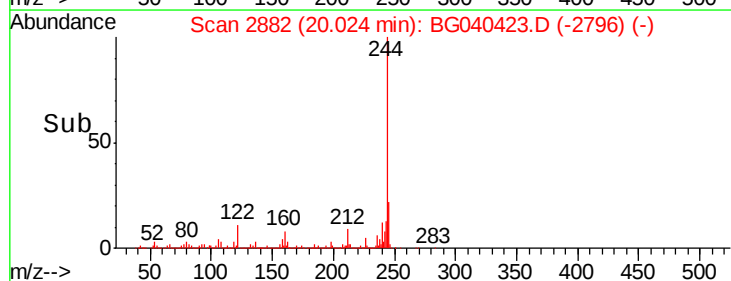
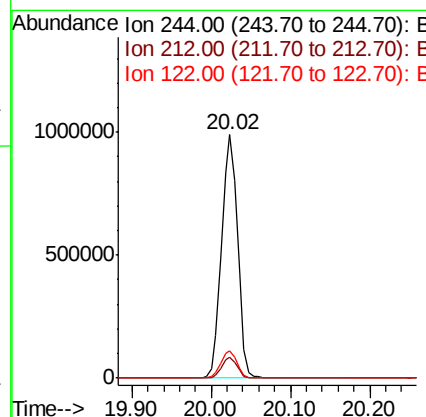
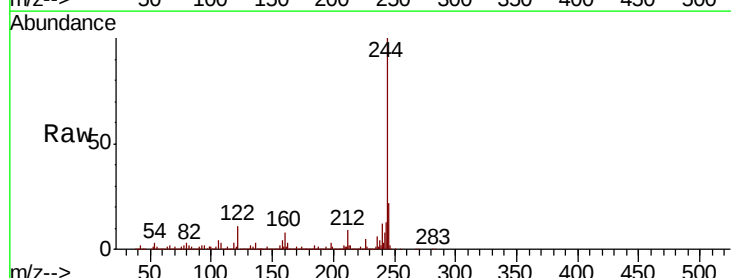
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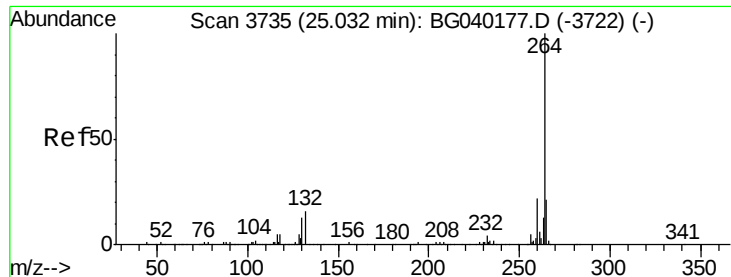
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	24.6	20.8	31.2



#79
 Terphenyl-d14
 Concen: 78.127 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: BG040423.D
 Acq: 10 Apr 2019 20:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	11.3	8.5	12.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040423.D
Acq: 10 Apr 2019 20:21

Instrument :
BNA_G
ClientSampleId :
0239-COMP-CS-4-ELTRT

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.9	26.9
265	20.3	16.8	25.2

