

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040424.D
 Acq On : 10 Apr 2019 21:01
 Operator : JU/SJ
 Sample : K2311-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0240-COMP-CS-5-ELTRT

Quant Time: Apr 11 05:58:50 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	8.05	152	63539	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	244706	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	148717	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	382441	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	392107	20.00	ng	-0.04
87) Perylene-d12	24.97	264	388706	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	267896	70.09	ng	-0.02
7) Phenol-d6	7.20	99	264277	50.03	ng	-0.02
23) Nitrobenzene-d5	9.22	82	409385	88.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	262029	163.03	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	862072	85.89	ng	-0.02
79) Terphenyl-d14	20.03	244	1420692	81.51	ng	-0.02

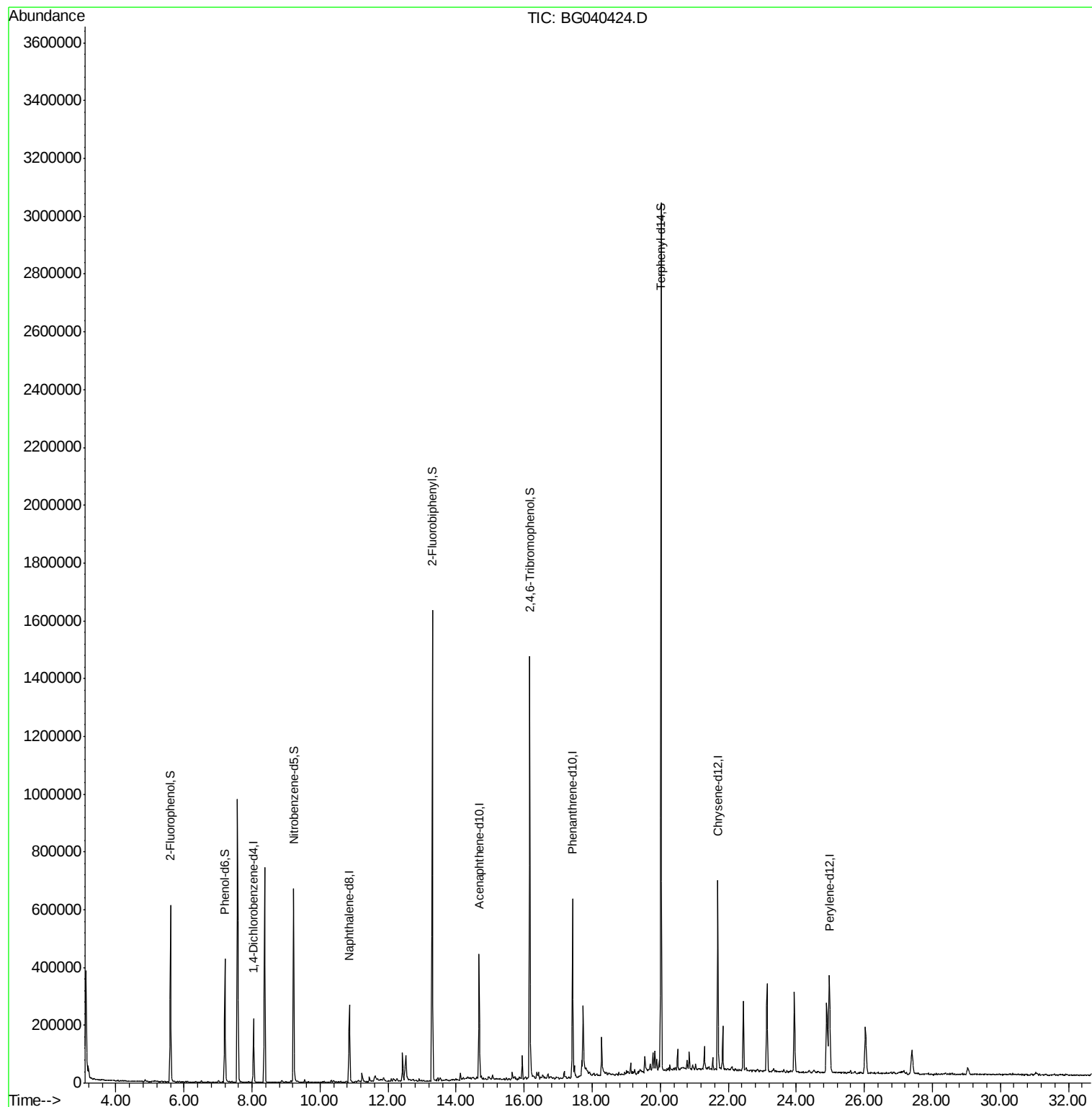
Target Compounds Qvalue

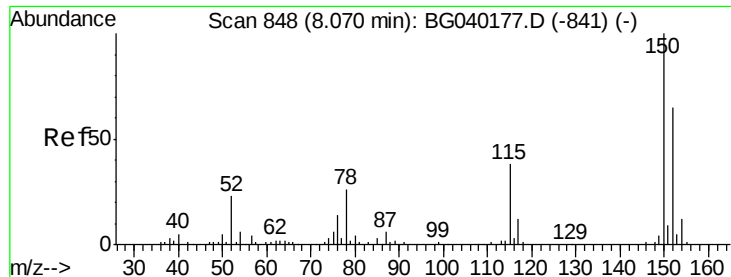
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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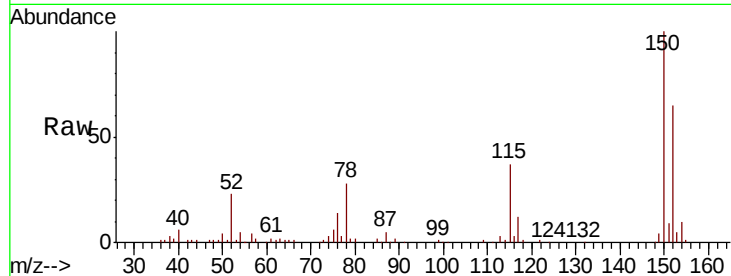


#1

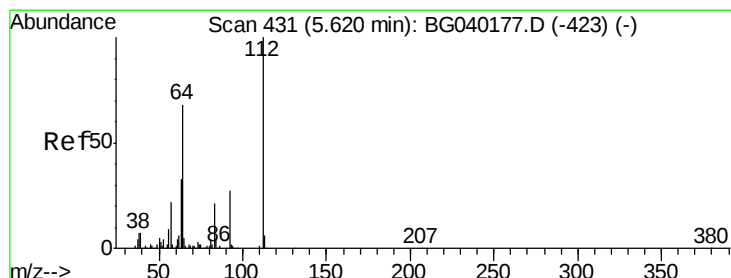
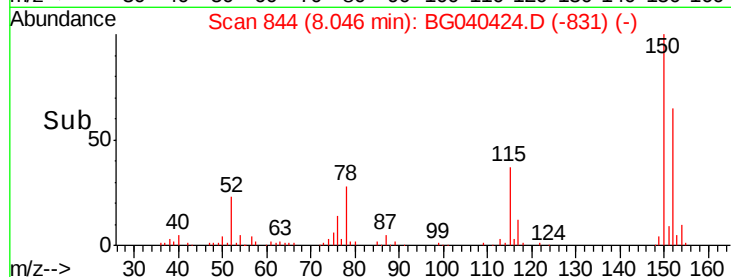
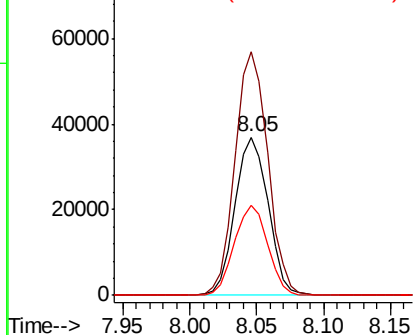
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040424.D
Acq: 10 Apr 2019 21:01

Instrument :
BNA_G
ClientSampleId :
0240-COMP-CS-5-ELTRT

Tot Ion:152 Resp: 63539
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 56.9 46.9 70.3



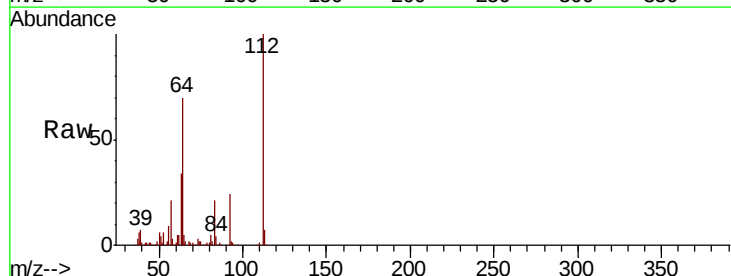
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



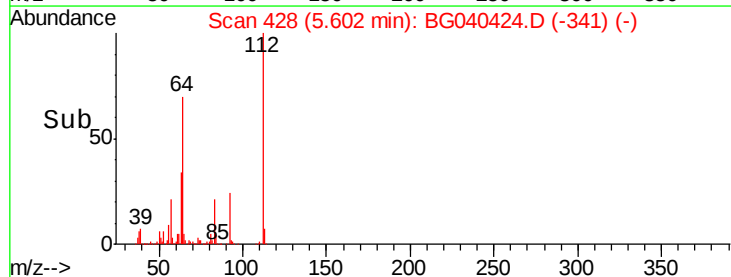
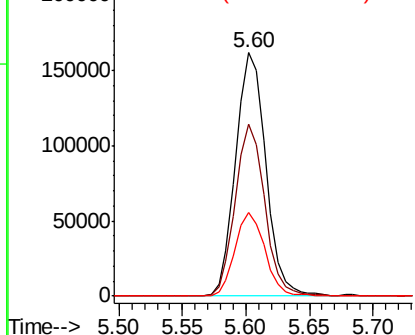
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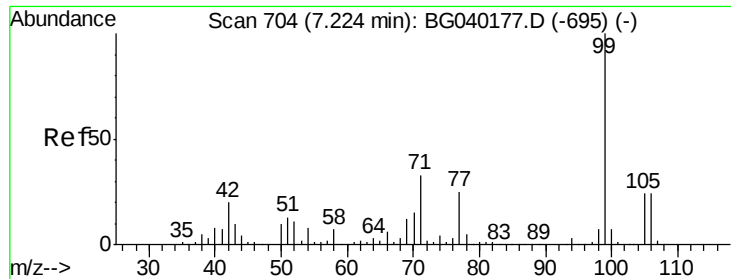
2-Fluorophenol
Concen: 70.091 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040424.D
Acq: 10 Apr 2019 21:01

Tgt Ion:112 Resp: 267896
Ion Ratio Lower Upper
112 100
64 70.4 54.2 81.2
63 34.4 26.4 39.6



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: 50.032 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040424.D

Acq: 10 Apr 2019 21:01

Instrument :

BNA_G

ClientSampleId :

0240-COMP-CS-5-ELTRT

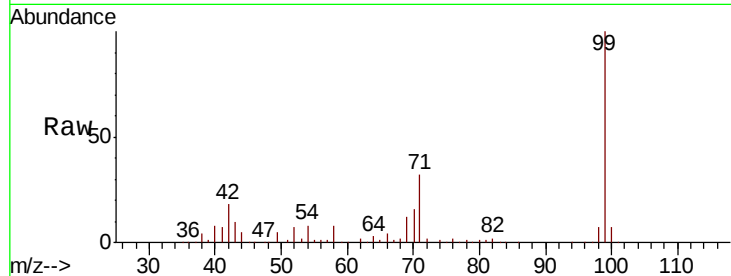
Tot Ion: 99 Resp: 264277

Ion Ratio Lower Upper

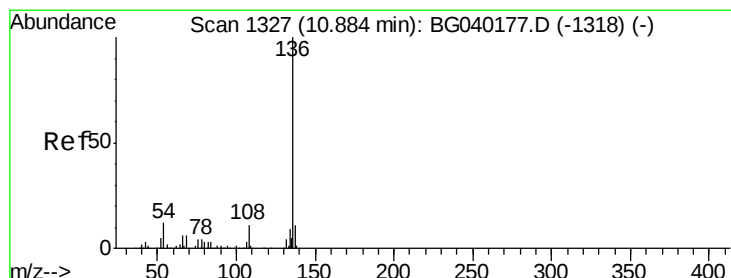
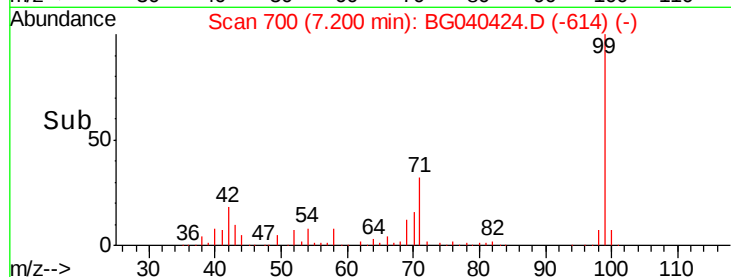
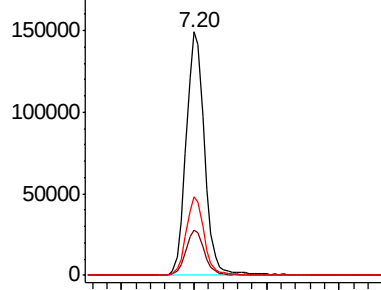
99 100

42 18.4 16.2 24.2

71 32.1 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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040424.D

Acq: 10 Apr 2019 21:01

Tgt Ion: 136 Resp: 244706

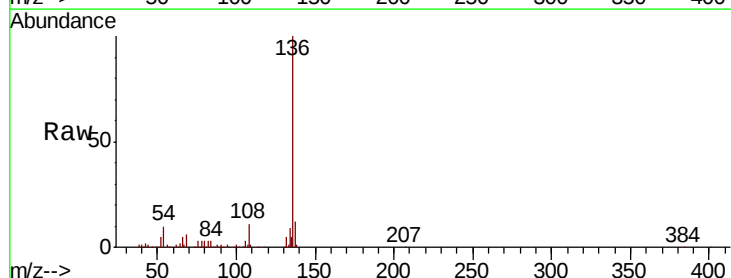
Ion Ratio Lower Upper

136 100

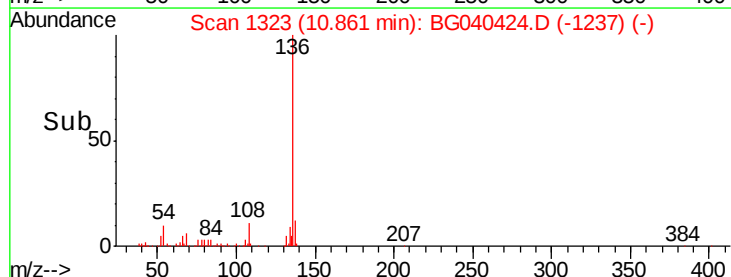
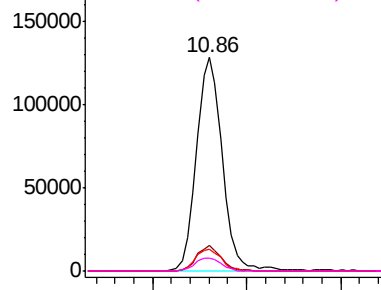
137 11.8 8.9 13.3

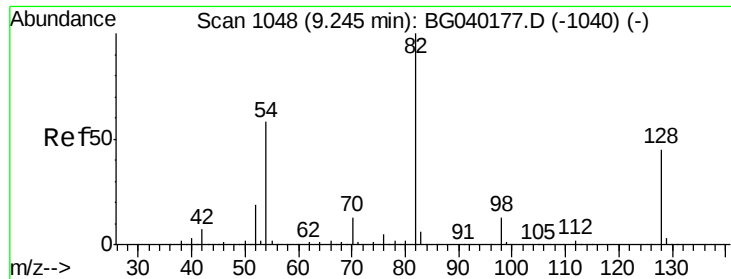
54 10.1 9.6 14.4

68 5.9 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

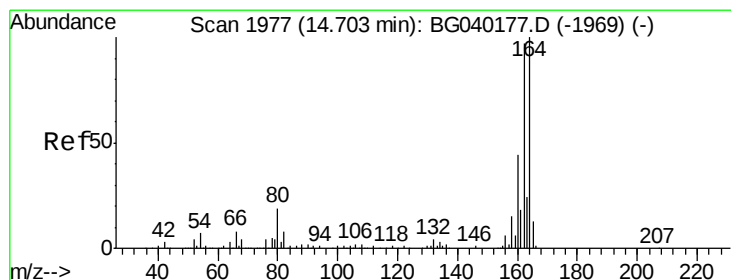
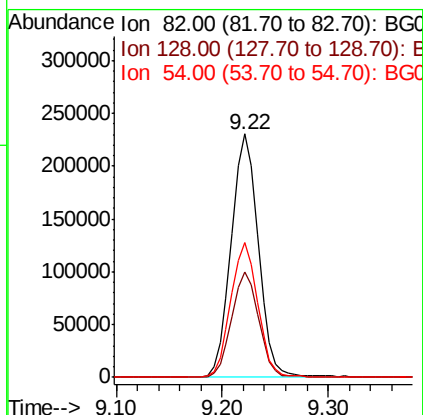
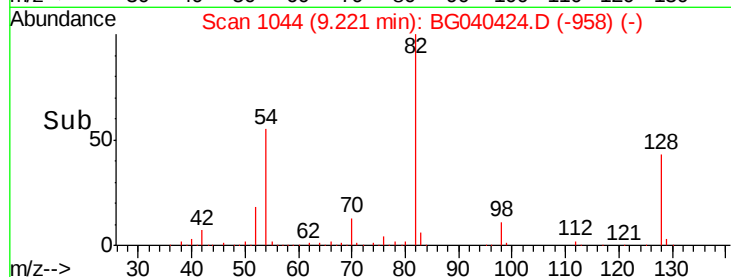
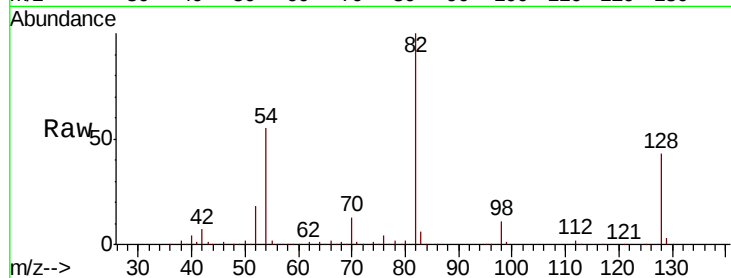




#23
 Nitrobenzene-d5
 Concen: 88.924 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040424.D
 Acq: 10 Apr 2019 21:01

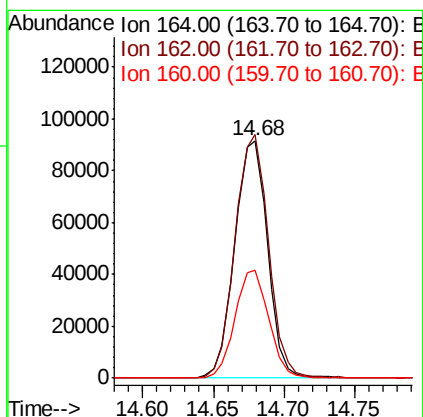
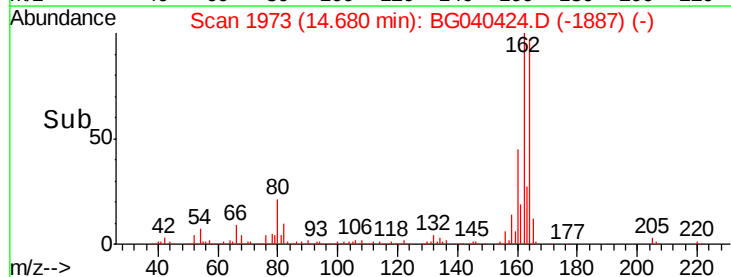
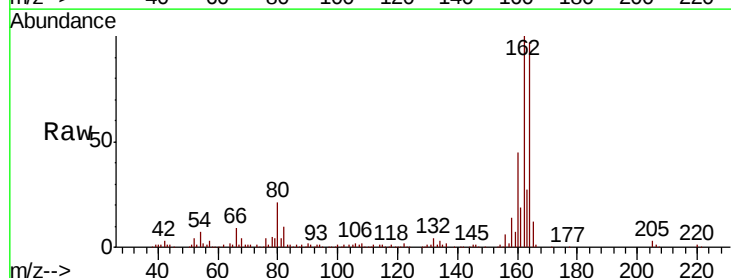
Instrument :
 BNA_G
 ClientSampleId :
 0240-COMP-CS-5-ELTRT

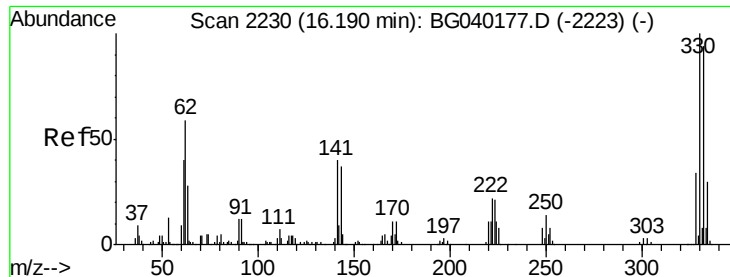
Tot Ion	82	Resp	409385
Ion Ratio	100	Lower	Upper
128	43.3	35.8	53.8
54	55.4	46.2	69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040424.D
 Acq: 10 Apr 2019 21:01

Tgt Ion	164	Resp	148717
Ion Ratio	100	Lower	Upper
162	102.6	77.4	116.2
160	45.7	35.3	52.9

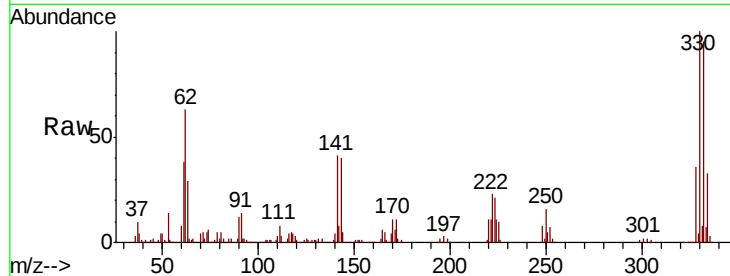




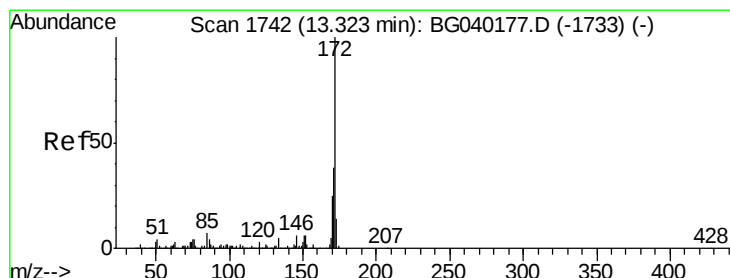
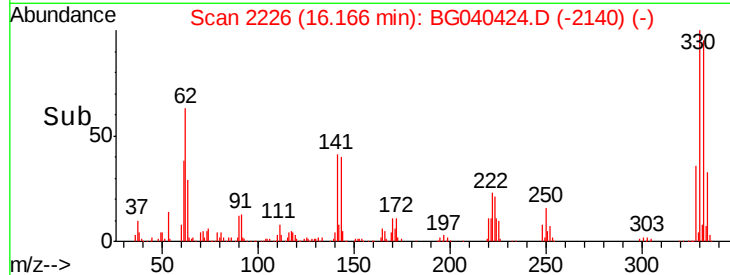
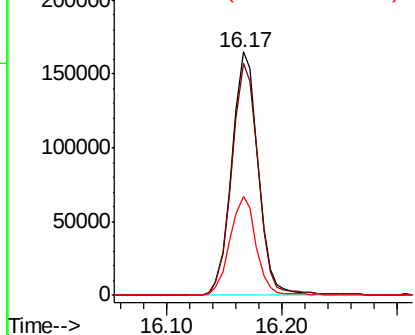
#42
 2,4,6-Tribromophenol
 Concen: 163.030 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040424.D
 Acq: 10 Apr 2019 21:01

Instrument :
 BNA_G
 ClientSampleId :
 0240-COMP-CS-5-ELTRT

Tot Ion:330 Resp: 262029
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 40.7 32.6 48.8

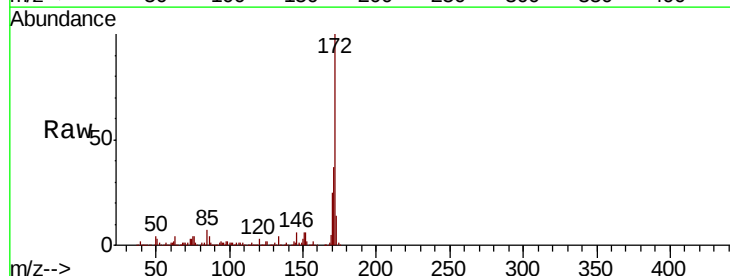


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

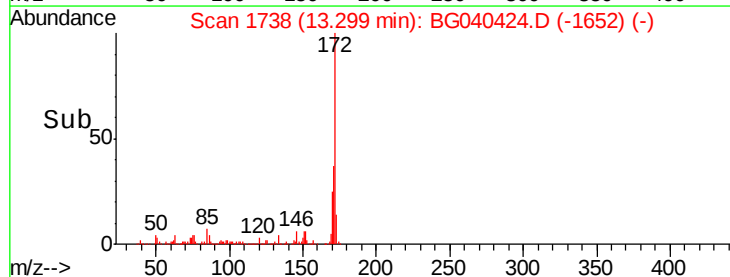
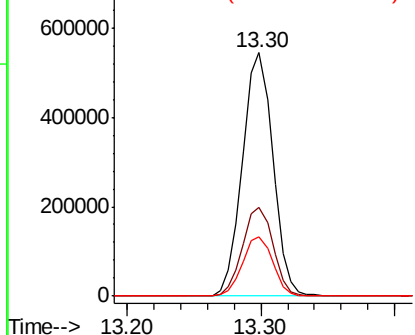


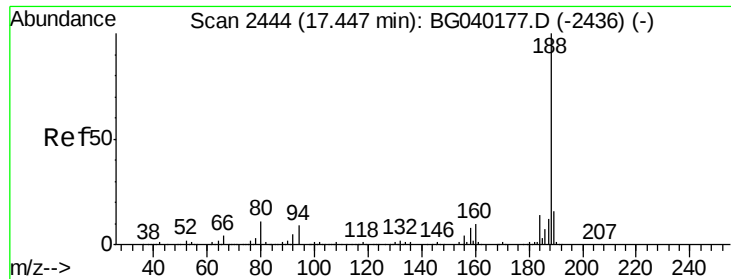
#45
 2-Fluorobiphenyl
 Concen: 85.894 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040424.D
 Acq: 10 Apr 2019 21:01

Tgt Ion:172 Resp: 862072
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.5 45.7
 170 24.5 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040424.D

Acq: 10 Apr 2019 21:01

Instrument :

BNA_G

ClientSampleId :

0240-COMP-CS-5-ELTRT

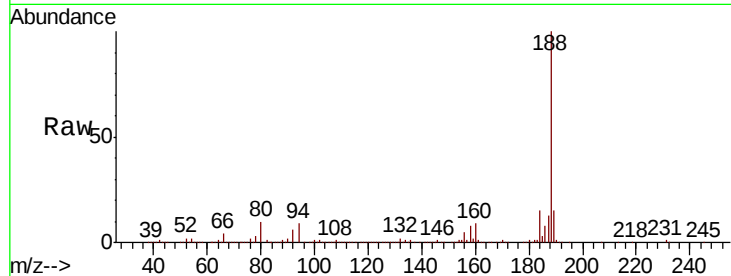
Tot Ion:188 Resp: 382441

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

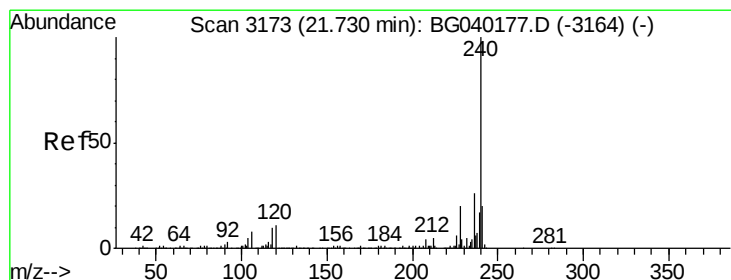
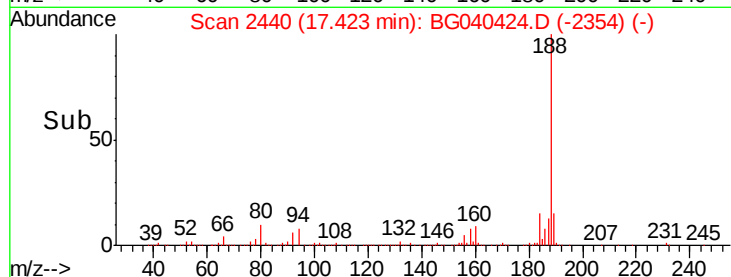
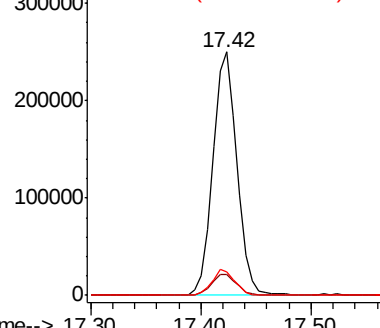
80 9.9 8.6 13.0



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# 3167

Delta R.T. -0.04 min

Lab File: BG040424.D

Acq: 10 Apr 2019 21:01

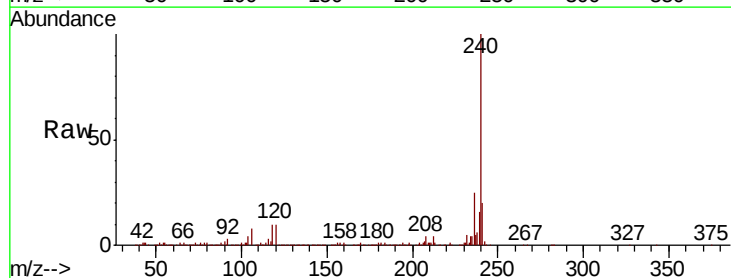
Tgt Ion:240 Resp: 392107

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

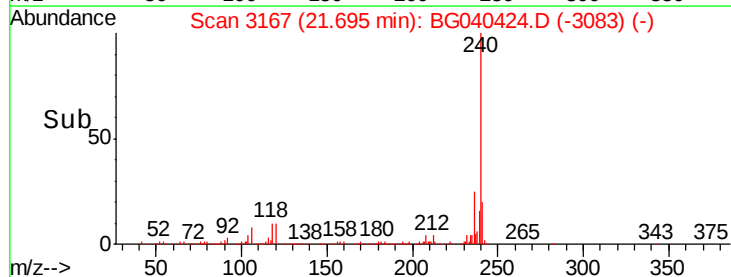
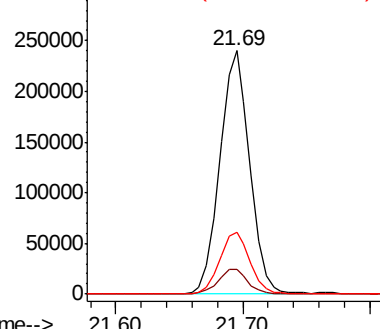
236 25.5 20.8 31.2

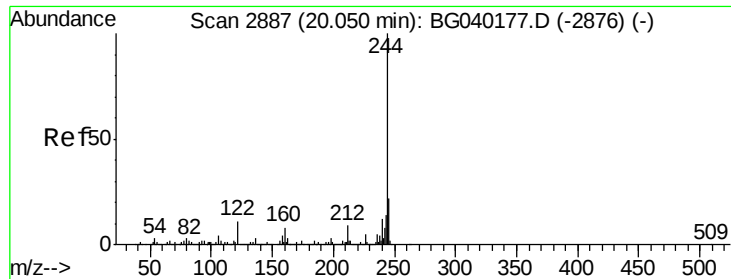


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.510 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040424.D

Acq: 10 Apr 2019 21:01

Instrument :

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ClientSampleId :

0240-COMP-CS-5-ELTRT

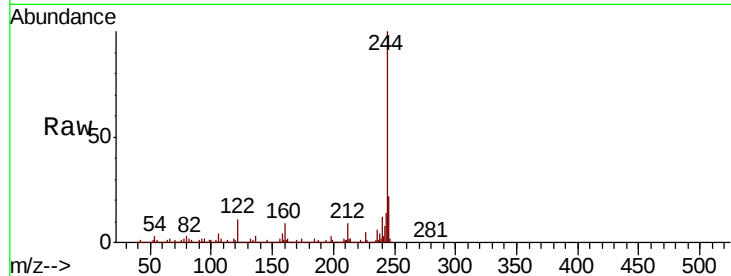
Tot Ion:244 Resp: 1420692

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

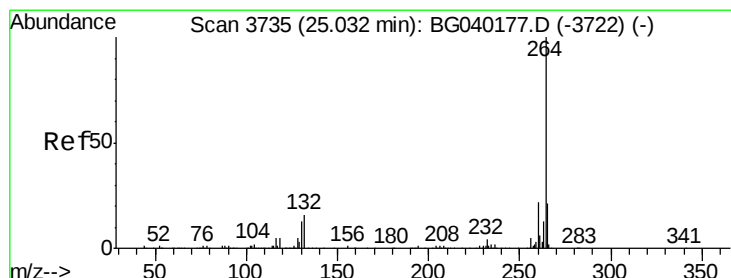
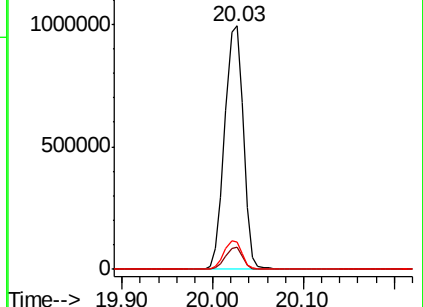
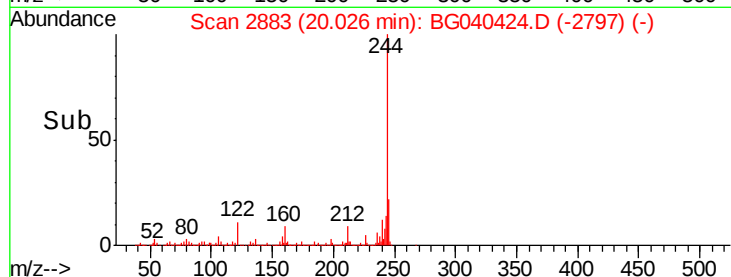
122 11.3 8.5 12.7



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# 3724

Delta R.T. -0.06 min

Lab File: BG040424.D

Acq: 10 Apr 2019 21:01

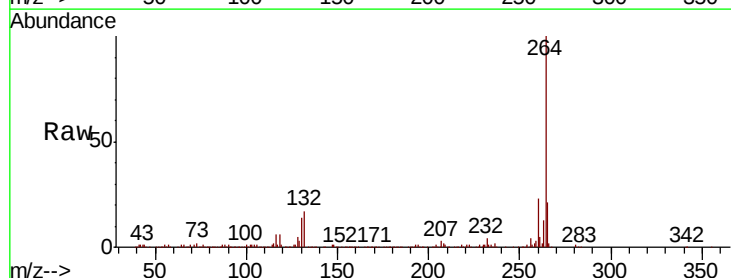
Tgt Ion:264 Resp: 388706

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 21.4 16.8 25.2



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

