

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044460.D
 Acq On : 17 Feb 2020 23:34
 Operator : CG/JU
 Sample : L1544-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-4-1

Quant Time: Feb 18 06:37:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

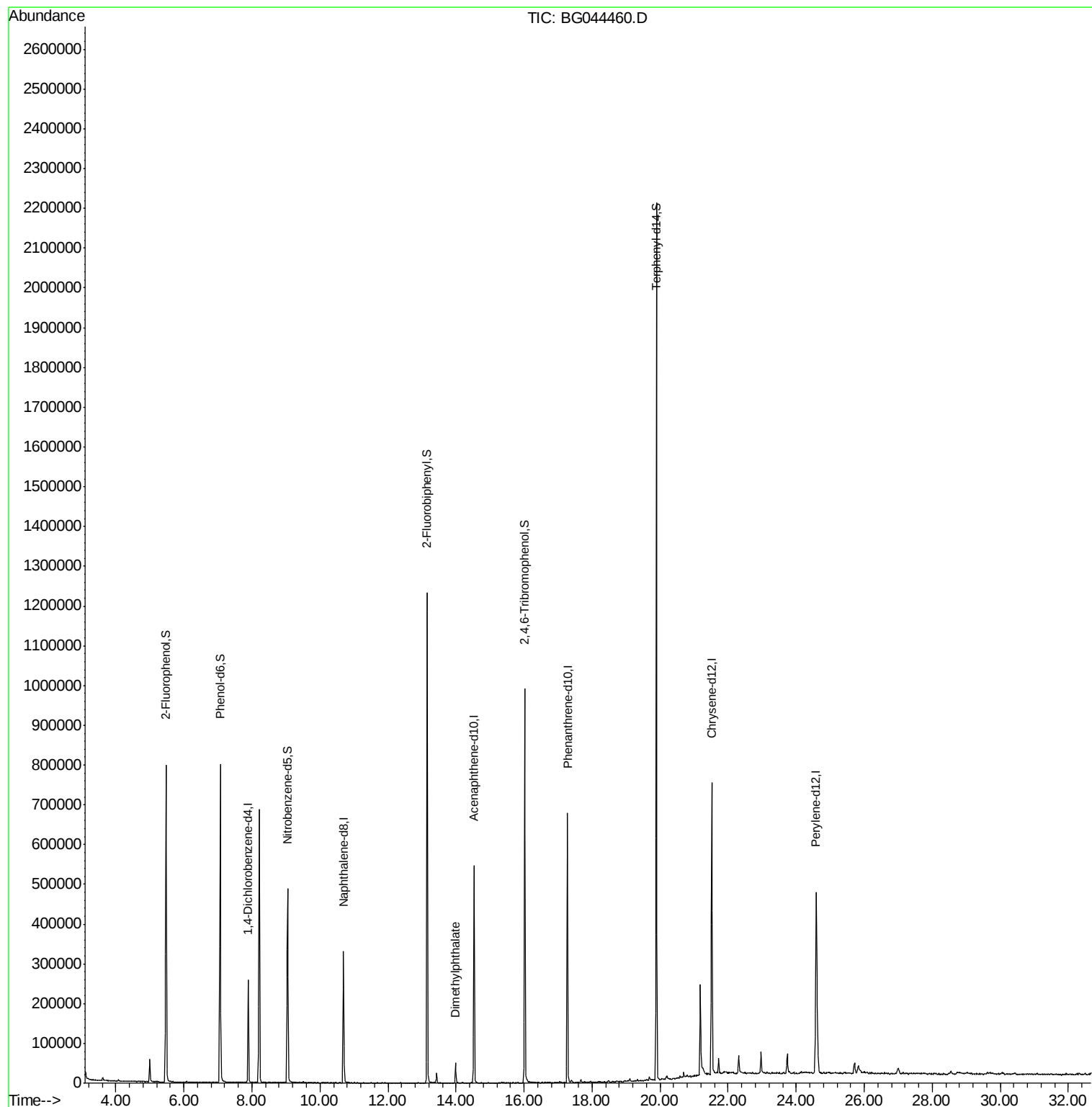
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	79507	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	312580	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	198321	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	432583	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	432355	20.00	ng	-0.02
87) Perylene-d12	24.59	264	464423	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	414599	92.03	ng	-0.01
7) Phenol-d6	7.07	99	540379	89.32	ng	-0.01
23) Nitrobenzene-d5	9.05	82	321846	58.13	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	207529	89.14	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	699332	59.05	ng	-0.02
79) Terphenyl-d14	19.89	244	1084219	51.58	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.98	163	41303	2.90	ng	Qvalue 99

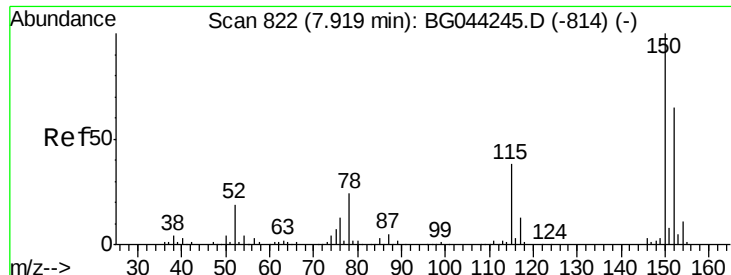
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.02 min

Lab File: BG044460.D

Acq: 17 Feb 2020 23:34

Instrument :

BNA_G

ClientSampleId :

2-4-1

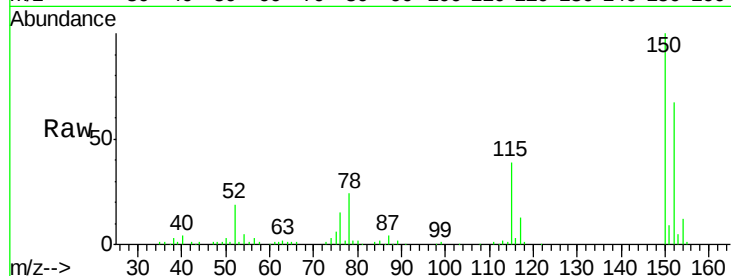
Tgt Ion:152 Resp: 79507

Ion Ratio Lower Upper

152 100

150 150.1 122.6 183.8

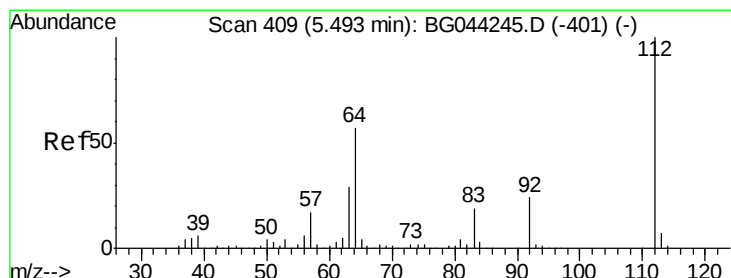
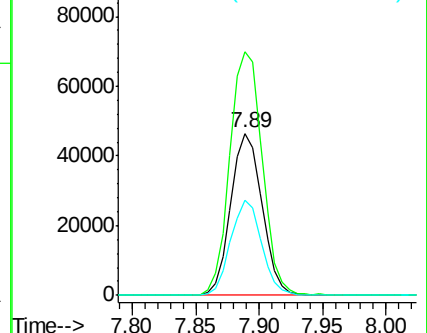
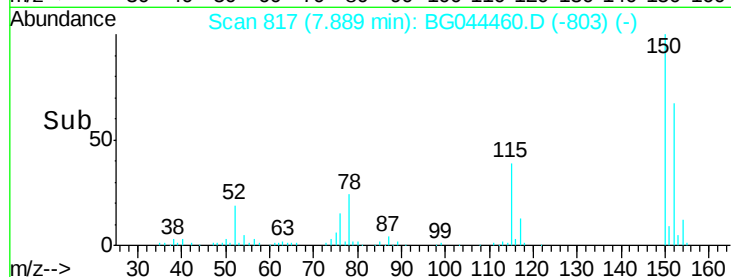
115 58.4 46.0 69.0



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: 92.03 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044460.D

Acq: 17 Feb 2020 23:34

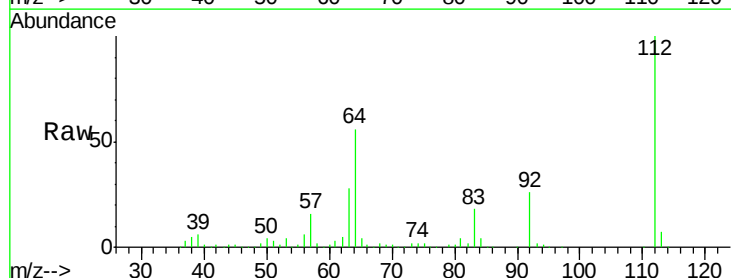
Tgt Ion:112 Resp: 414599

Ion Ratio Lower Upper

112 100

64 56.3 45.4 68.2

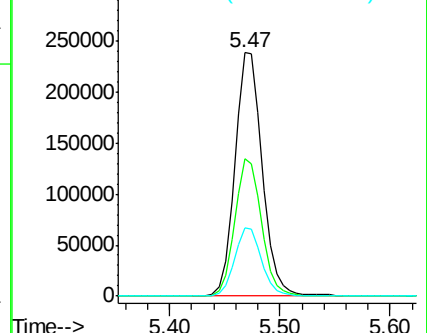
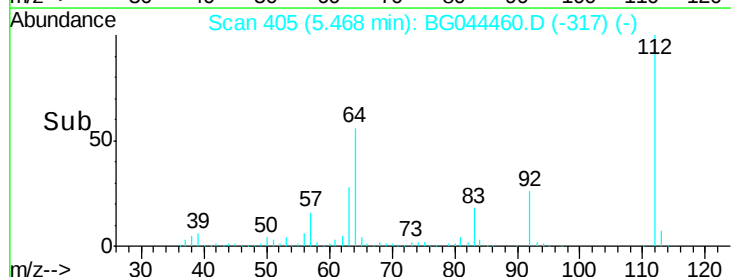
63 28.2 22.9 34.3



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: 89.32 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044460.D

Acq: 17 Feb 2020 23:34

Instrument :

BNA_G

ClientSampleId :

2-4-1

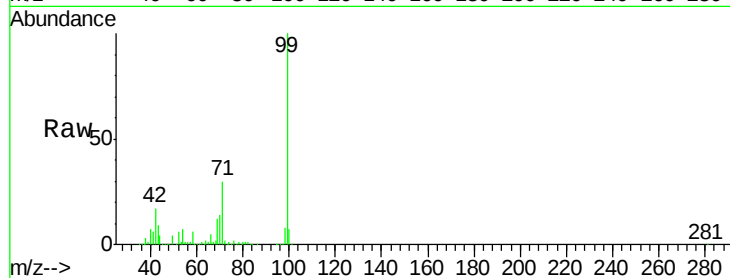
Tgt Ion: 99 Resp: 540379

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.6

71 30.5 25.5 38.3

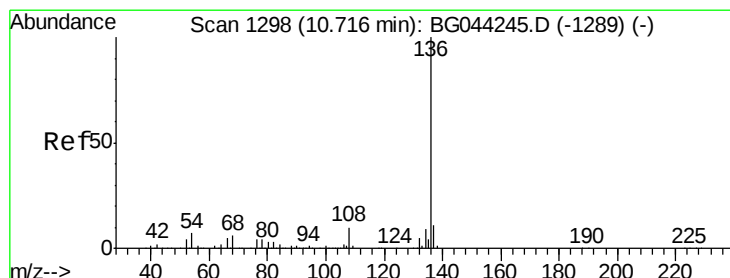
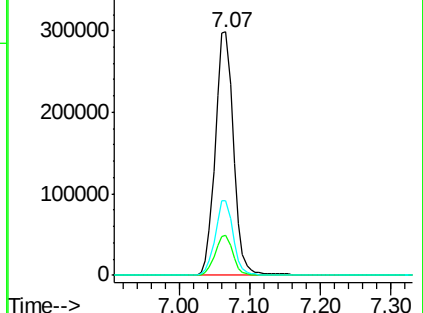
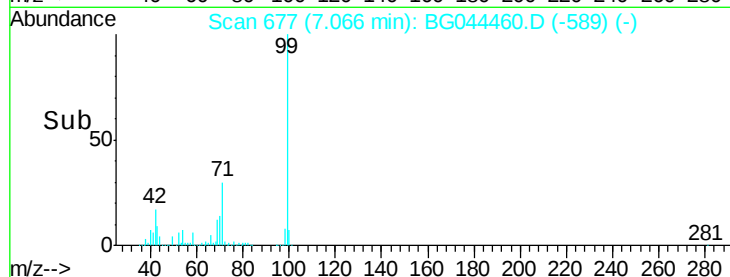


Abundance

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: 20.00 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044460.D

Acq: 17 Feb 2020 23:34

Tgt Ion: 136 Resp: 312580

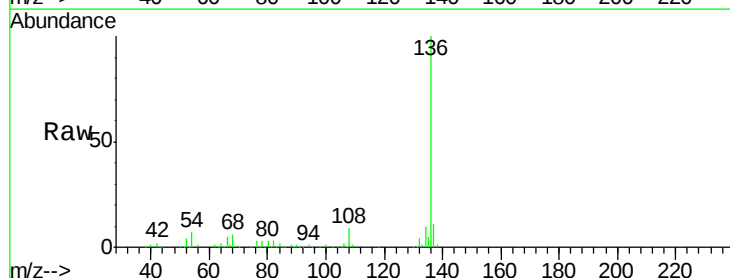
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.2 5.8 8.8

68 5.6 4.6 6.8



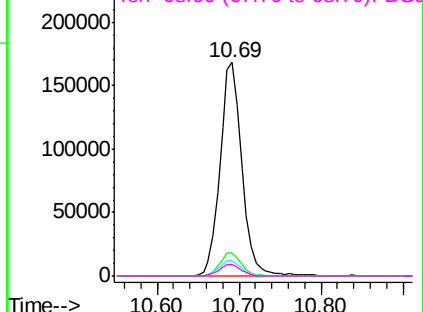
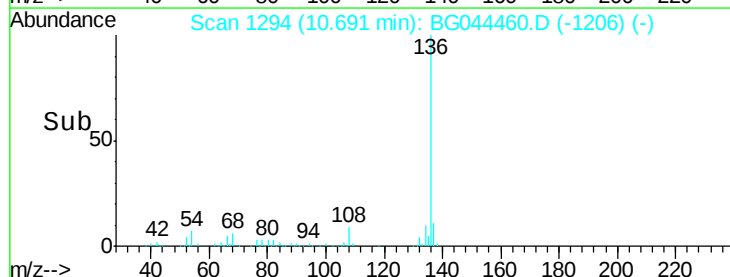
Abundance

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

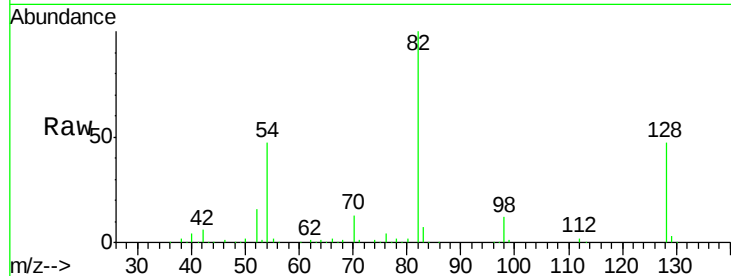




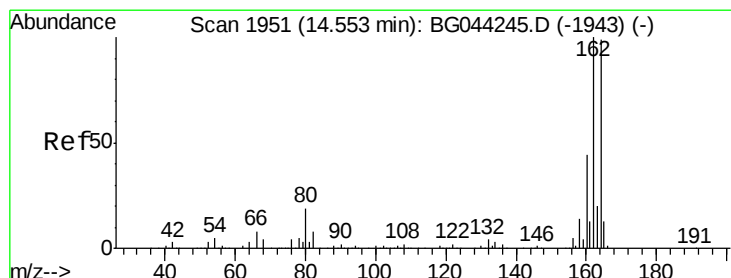
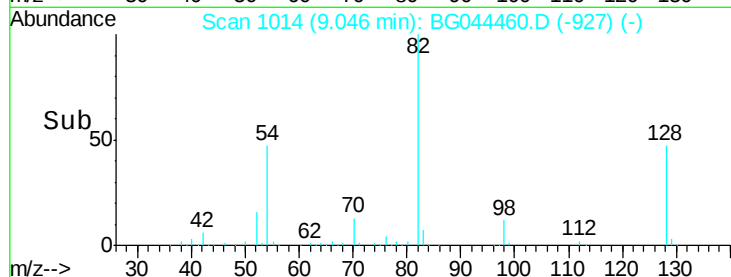
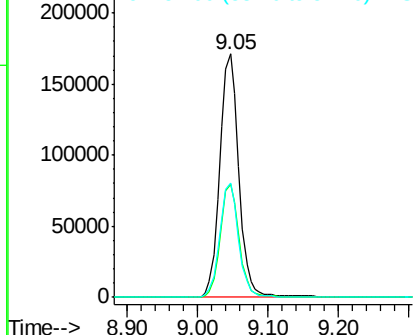
#23
 Nitrobenzene-d5
 Concen: 58.13 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044460.D
 Acq: 17 Feb 2020 23:34

Instrument :
 BNA_G
 ClientSampled :
 2-4-1

Tgt Ion: 82 Resp: 321846
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.5 54.7
 54 47.0 38.6 58.0

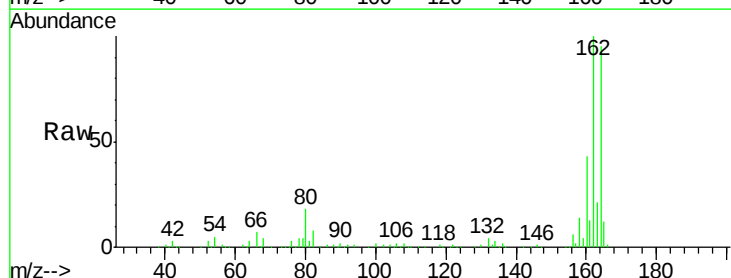


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

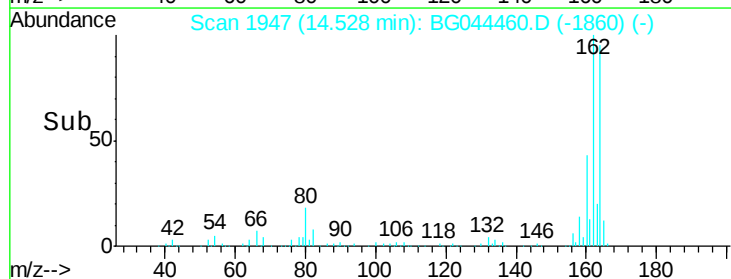
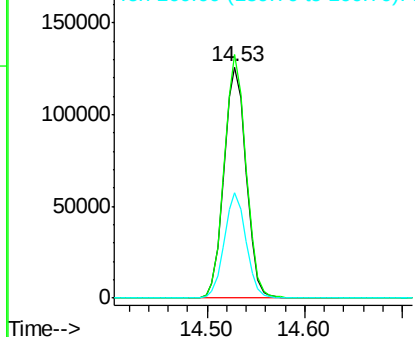


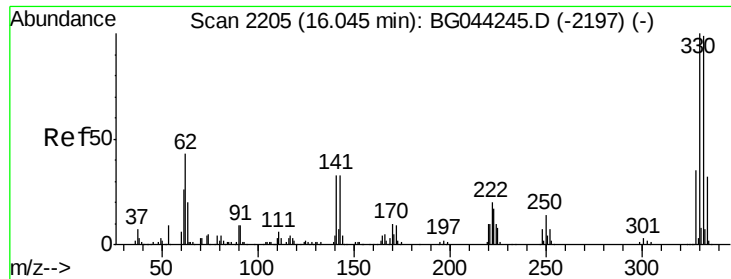
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG044460.D
 Acq: 17 Feb 2020 23:34

Tgt Ion: 164 Resp: 198321
 Ion Ratio Lower Upper
 164 100
 162 105.3 80.7 121.1
 160 45.3 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

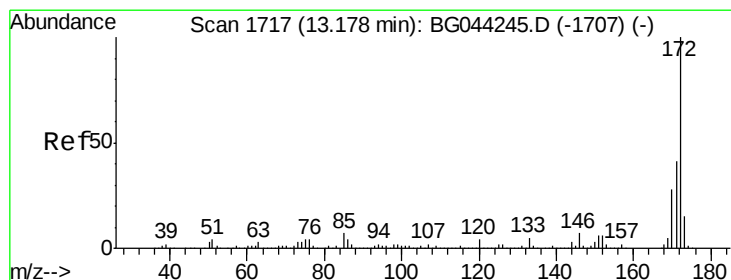
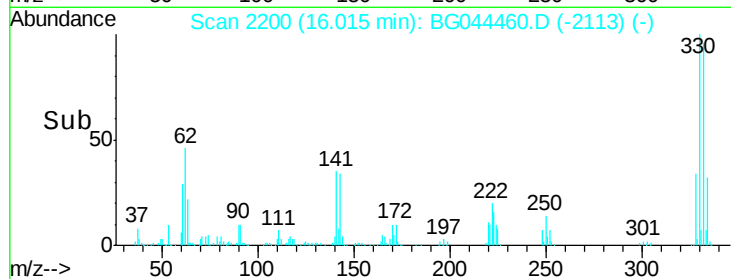
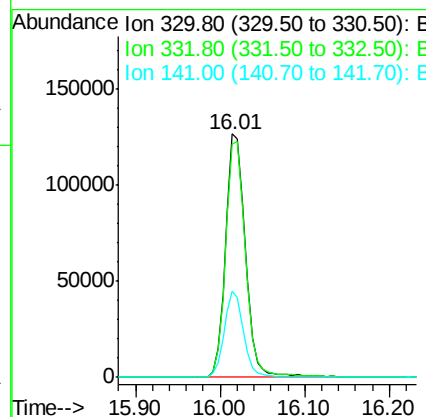
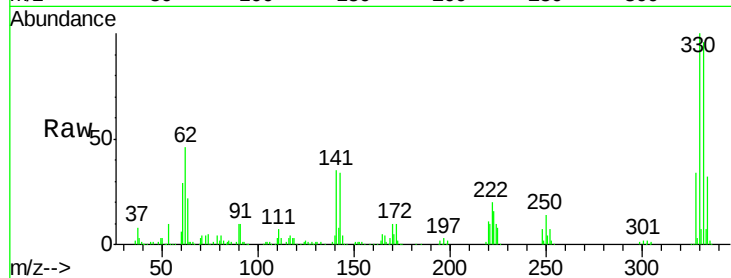




#42
 2,4,6-Tribromophenol
 Concen: 89.14 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG044460.D
 Acq: 17 Feb 2020 23:34

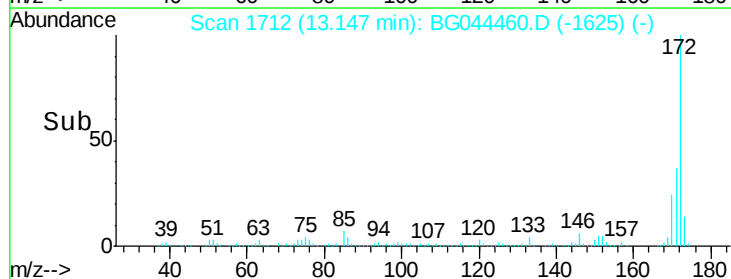
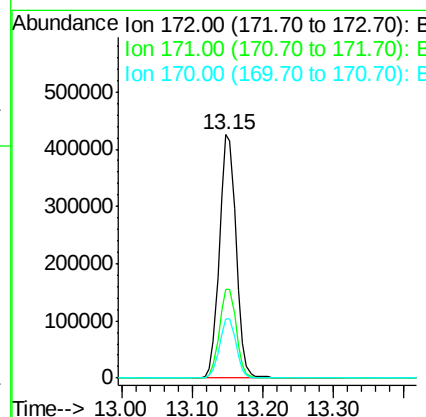
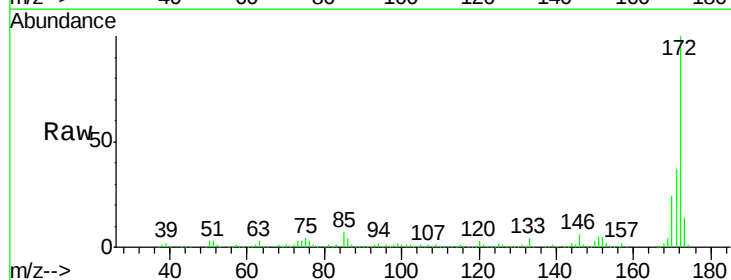
Instrument :
 BNA_G
 ClientSampleId :
 2-4-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.2	115.8
141	34.4	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 59.05 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG044460.D
 Acq: 17 Feb 2020 23:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.9	49.3
170	24.4	22.0	33.0





#50

Dimethylphthalate

Concen: 2.90 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044460.D

Acq: 17 Feb 2020 23:34

Instrument :

BNA_G

ClientSampleId :

2-4-1

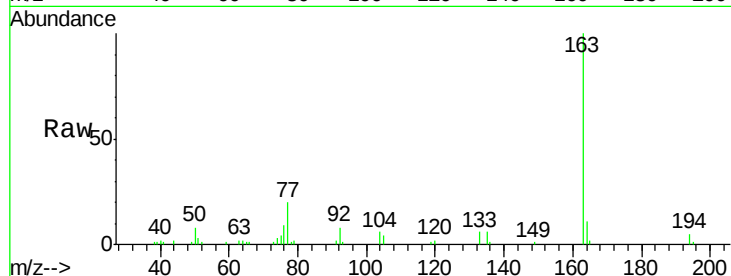
Tgt Ion:163 Resp: 41303

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

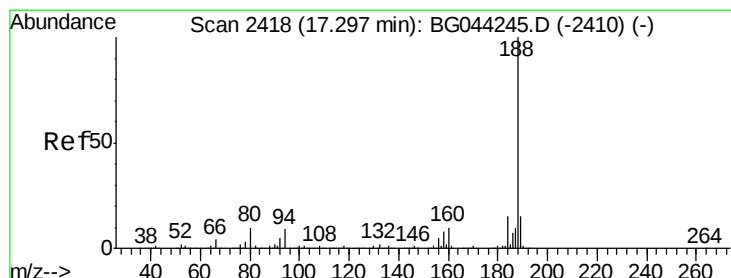
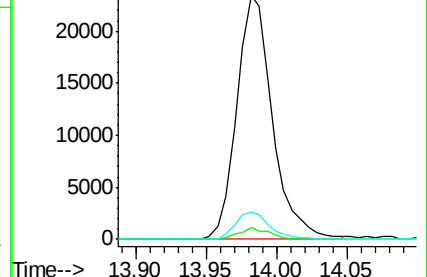
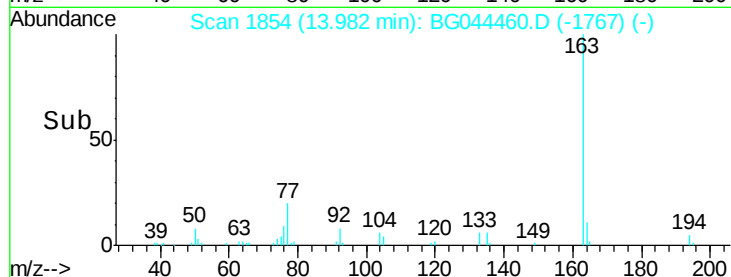
164 11.1 8.7 13.1



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: 20.00 ng

RT: 17.27 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG044460.D

Acq: 17 Feb 2020 23:34

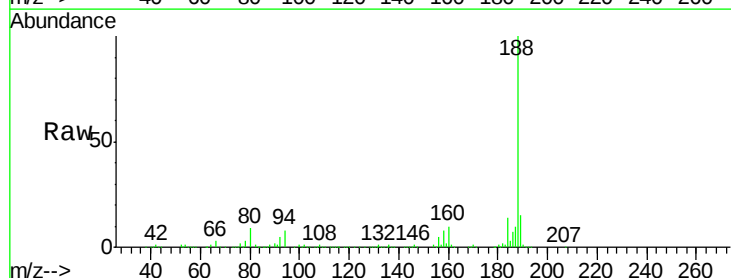
Tgt Ion:188 Resp: 432583

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

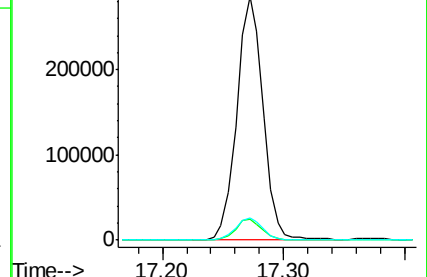
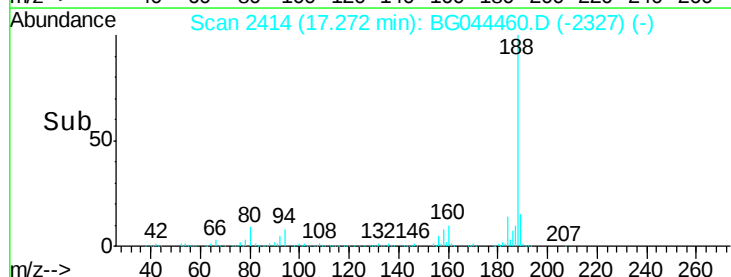
80 9.3 7.7 11.5

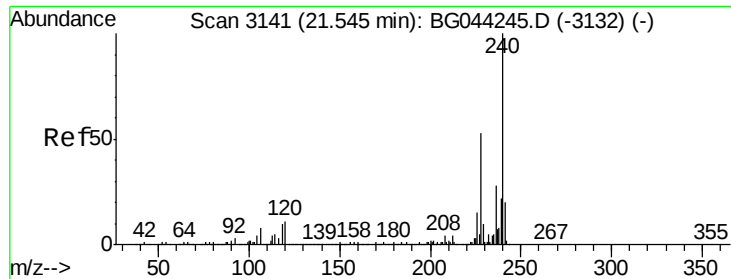


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

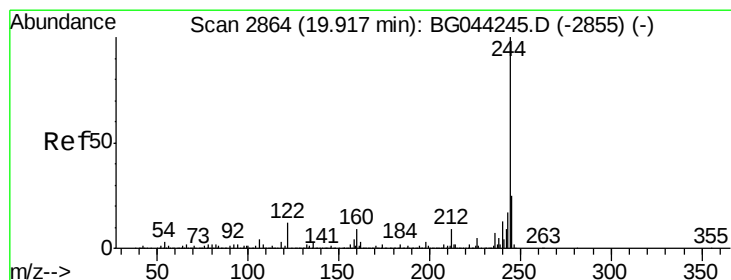
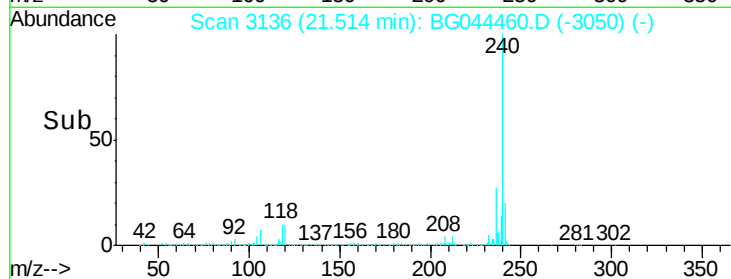
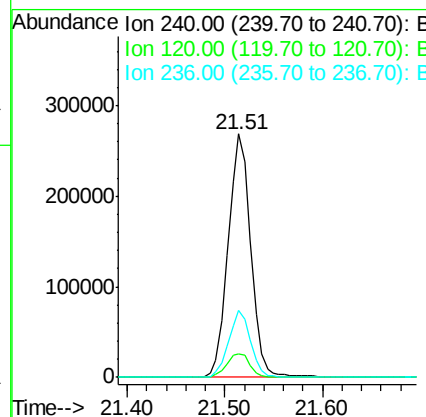
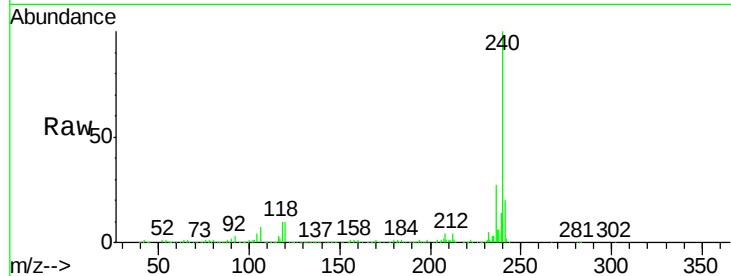




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044460.D
 Acq: 17 Feb 2020 23:34

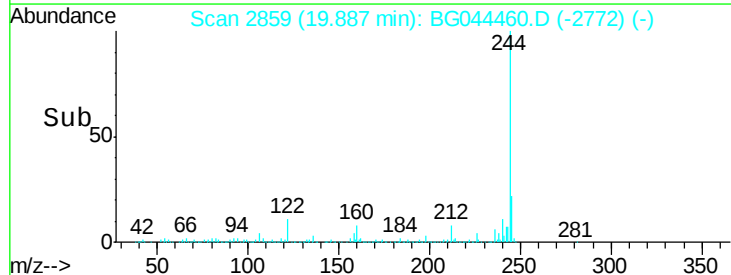
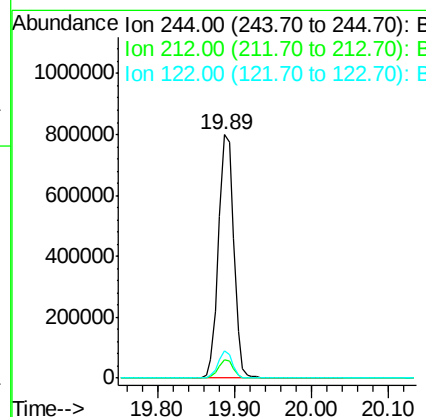
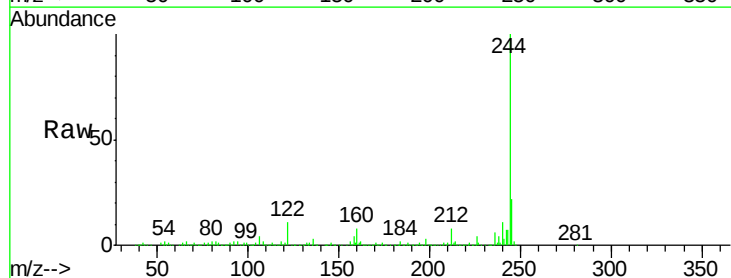
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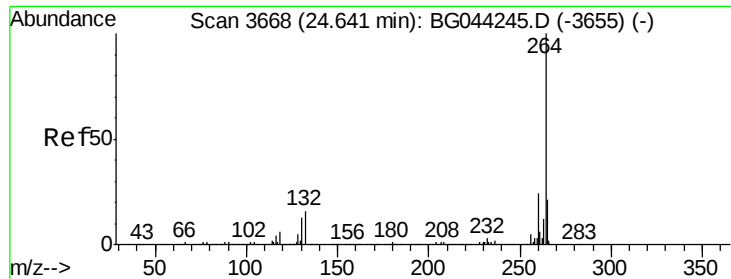
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	27.3	22.1	33.1



#79
 Terphenyl-d14
 Concen: 51.58 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.02 min
 Lab File: BG044460.D
 Acq: 17 Feb 2020 23:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.4	11.2
122	11.0	9.8	14.6





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.59 min Scan# 3659

Delta R.T. -0.03 min

Lab File: BG044460.D

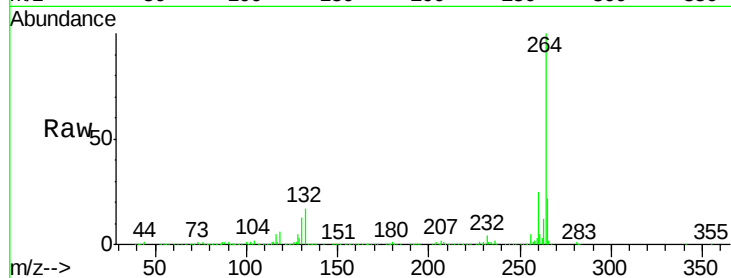
Acq: 17 Feb 2020 23:34

Instrument :

BNA_G

ClientSampleId :

2-4-1



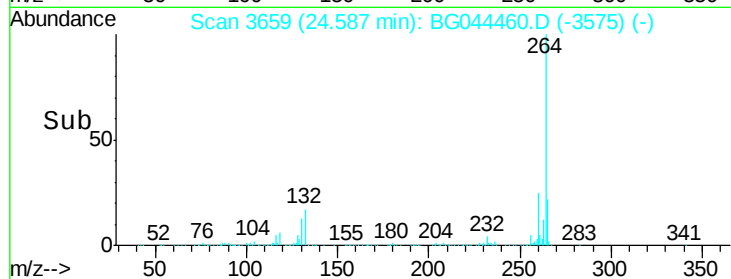
Tgt Ion: 264 Resp: 464423

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

265 21.9 16.7 25.1



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

