

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044126.D
 Acq On : 21 Jan 2020 10:11
 Operator : JU
 Sample : L1154-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B4-15-20

Quant Time: Jan 21 11:04:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

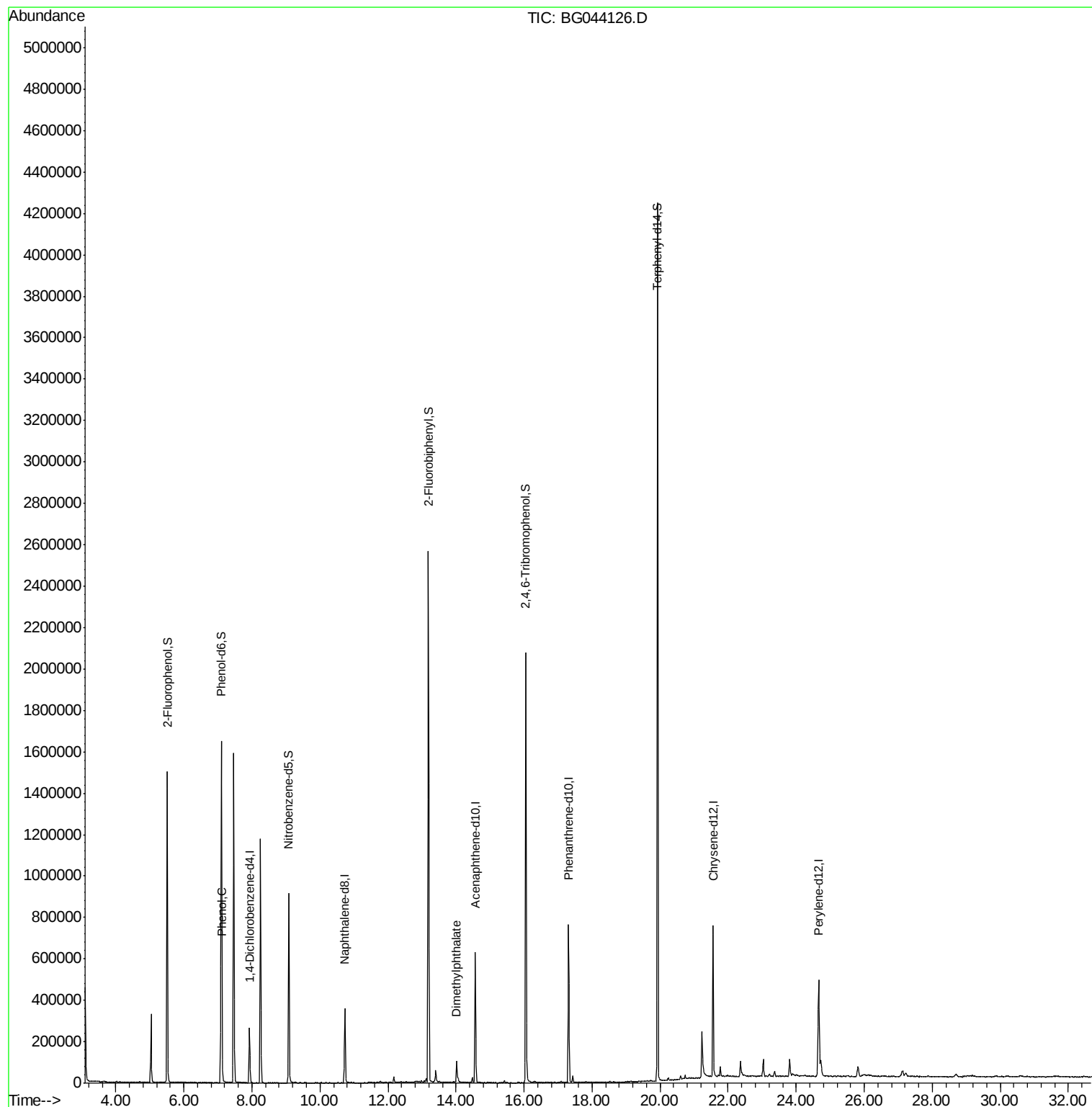
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	78712	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	333315	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	232243	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	497777	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	421442	20.00	ng	-0.03
87) Perylene-d12	24.66	264	473087	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	723500	168.77	ng	-0.03
7) Phenol-d6	7.10	99	1032486	172.30	ng	-0.02
23) Nitrobenzene-d5	9.08	82	597960	95.97	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	404777	166.55	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1351966	105.47	ng	-0.03
79) Terphenyl-d14	19.92	244	1908804	121.41	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	33498	5.426	ng	Qvalue 90
50) Dimethylphthalate	14.02	163	83438	5.060	ng	# 97

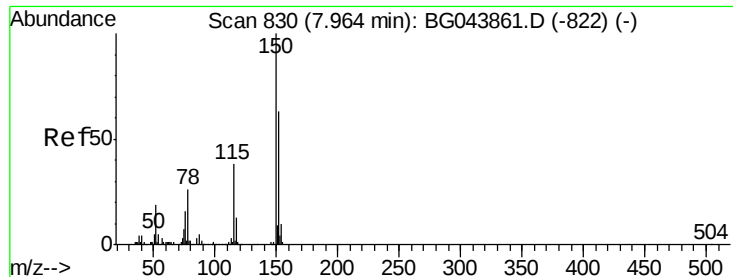
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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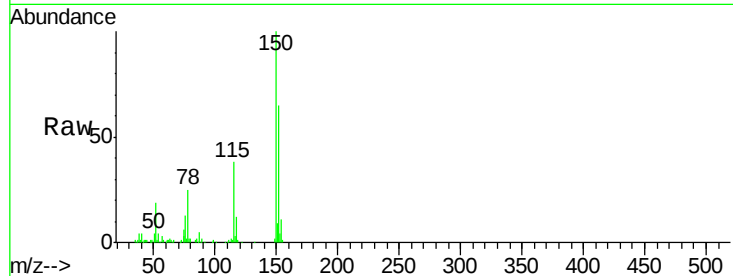


#1

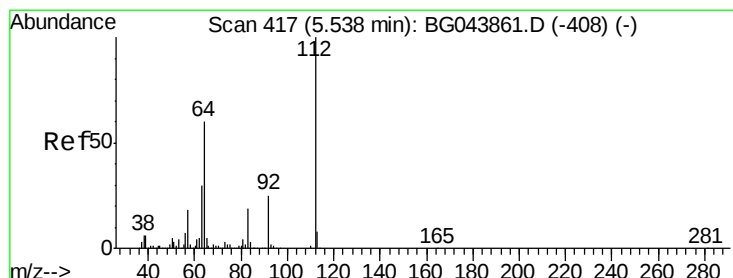
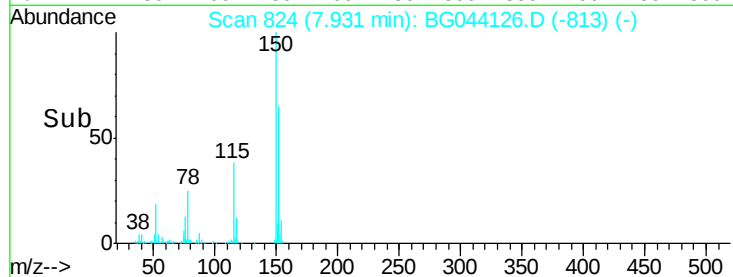
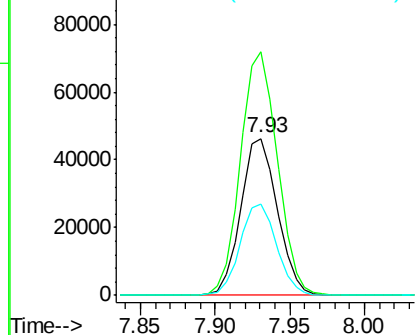
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044126.D
Acq: 21 Jan 2020 10:11

Instrument :
BNA_G
ClientSampleId :
B4-15-20

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.0	190.4
115	58.5	47.8	71.8



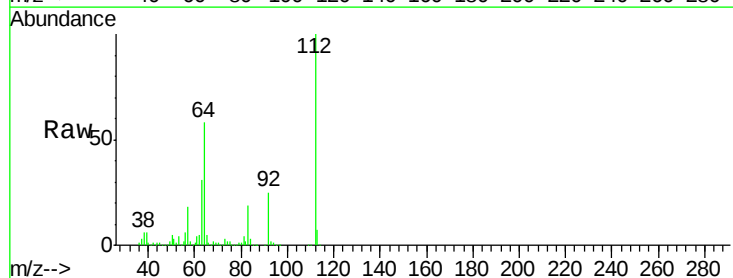
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



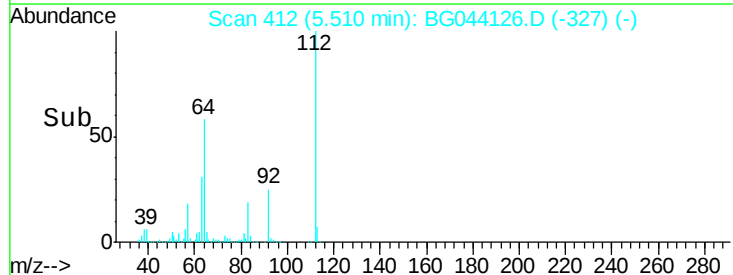
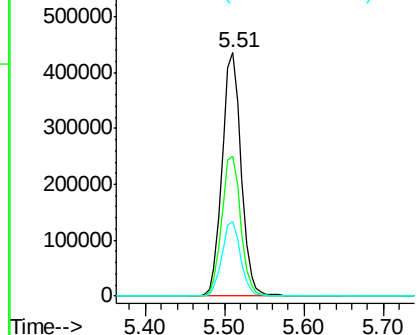
#5

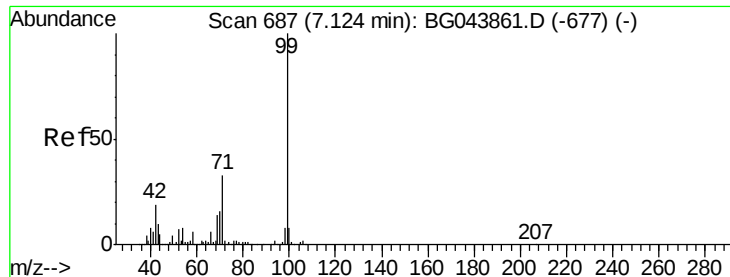
2-Fluorophenol
Concen: 168.771 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044126.D
Acq: 21 Jan 2020 10:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.8	71.6
63	30.5	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 172.303 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044126.D

Acq: 21 Jan 2020 10:11

Instrument :

BNA_G

ClientSampleId :

B4-15-20

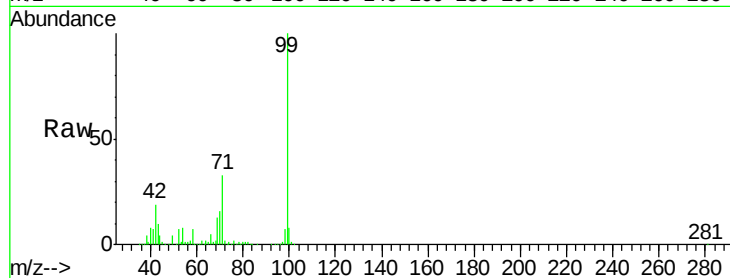
Tot Ion: 99 Resp: 1032486

Ion Ratio Lower Upper

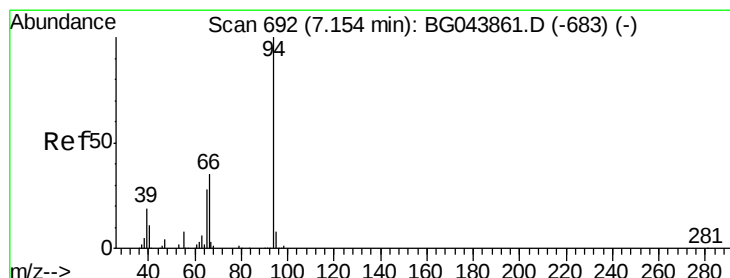
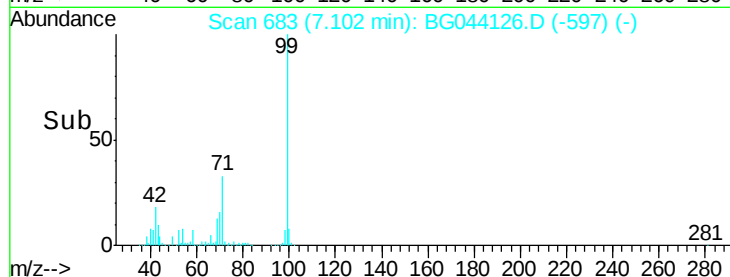
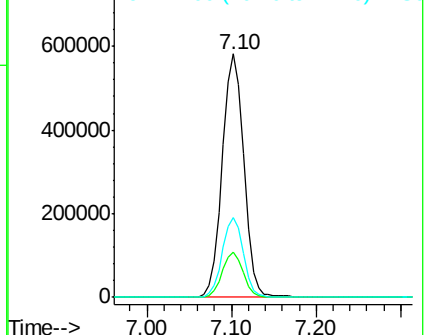
99 100

42 18.5 14.9 22.3

71 32.9 26.4 39.6



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



#10

Phenol

Concen: 5.426 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044126.D

Acq: 21 Jan 2020 10:11

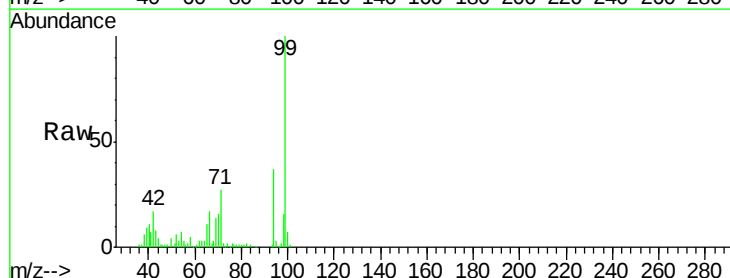
Tgt Ion: 94 Resp: 33498

Ion Ratio Lower Upper

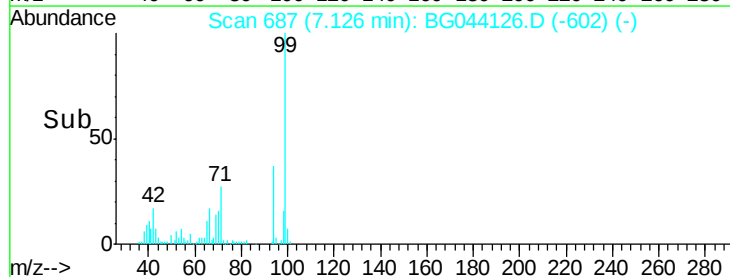
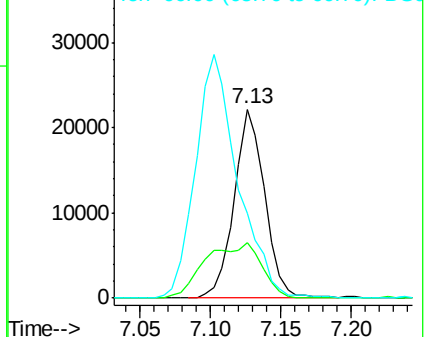
94 100

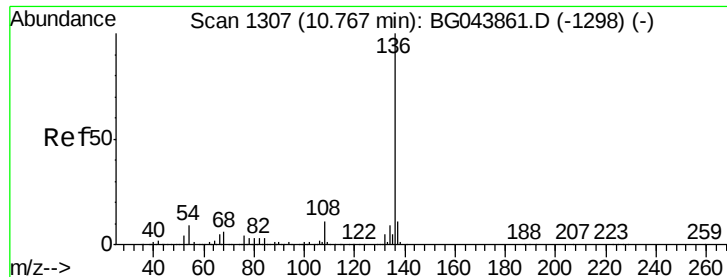
65 29.0 8.1 48.1

66 45.1 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

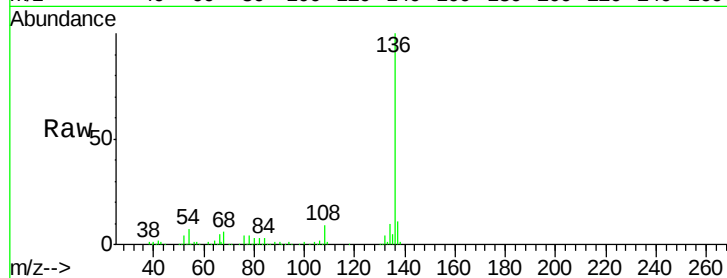




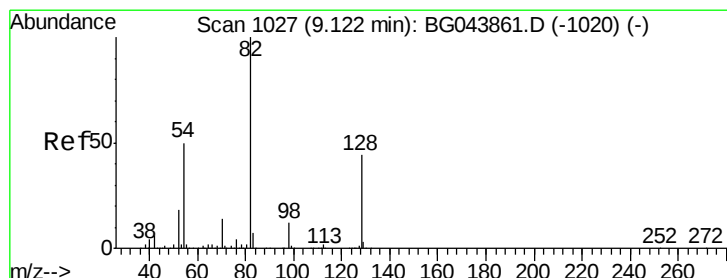
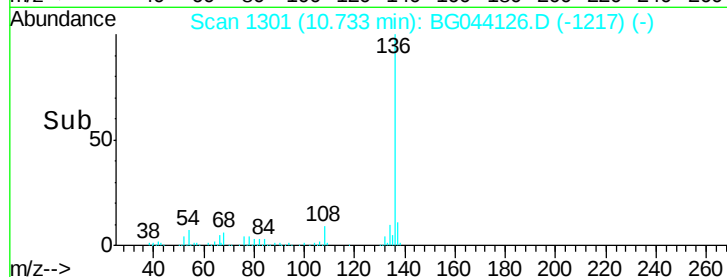
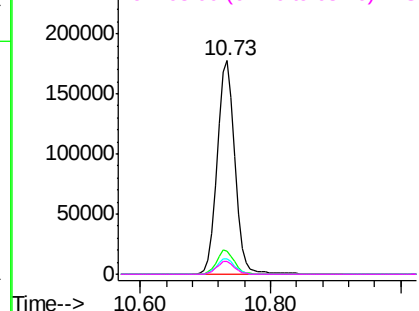
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044126.D
Acq: 21 Jan 2020 10:11

Instrument :
BNA_G
ClientSampleId :
B4-15-20

Tot Ion:136	Resp:	333315
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.8	13.2
54 7.2	7.0	10.4
68 5.9	4.9	7.3

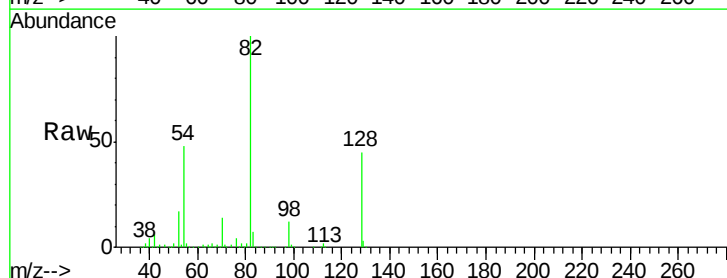


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

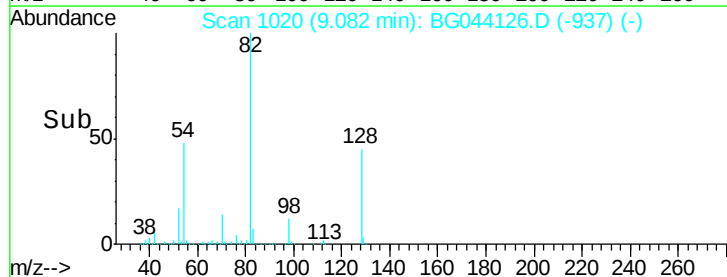
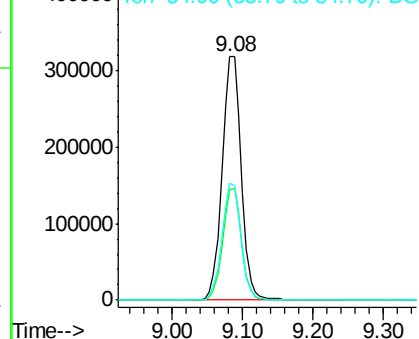


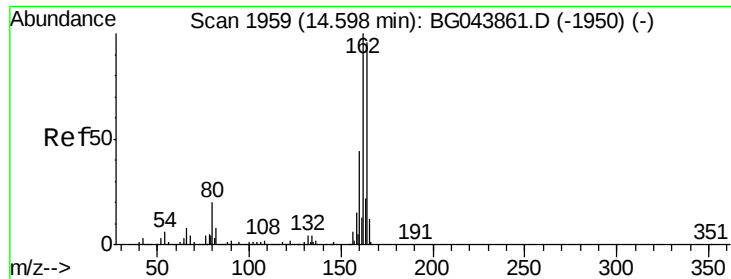
#23
Nitrobenzene-d5
Concen: 95.970 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044126.D
Acq: 21 Jan 2020 10:11

Tgt Ion: 82	Resp: 597960
Ion Ratio	Lower Upper
82 100	
128 45.3	35.1 52.7
54 48.1	40.1 60.1



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044126.D

Acq: 21 Jan 2020 10:11

Instrument :

BNA_G

ClientSampleId :

B4-15-20

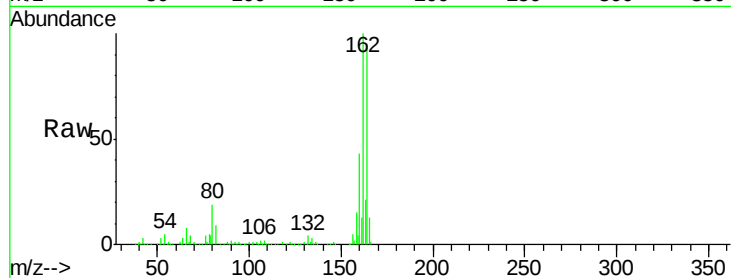
Tot Ion:164 Resp: 232243

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.4

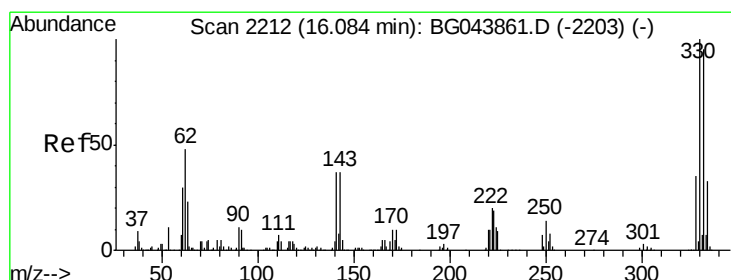
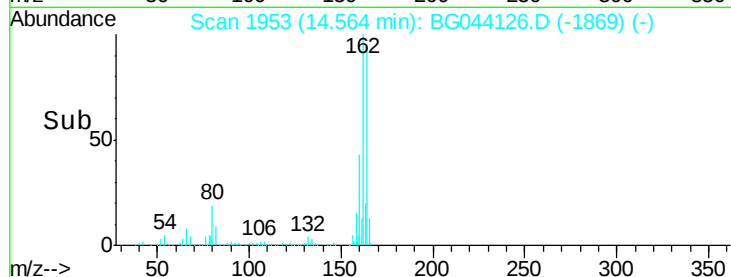
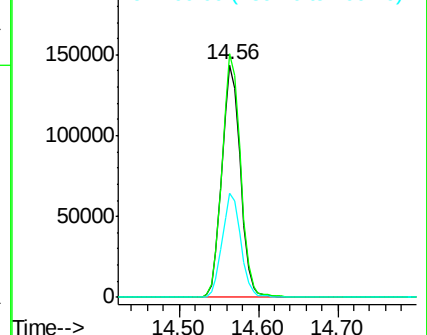
160 44.9 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 166.549 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044126.D

Acq: 21 Jan 2020 10:11

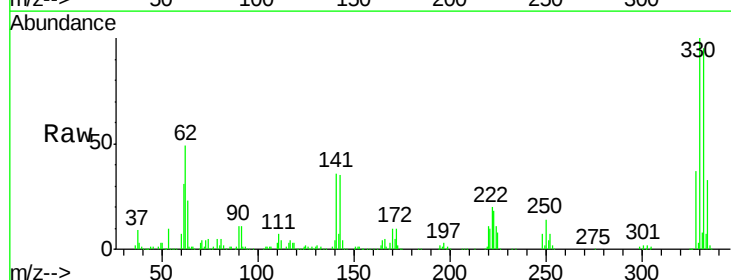
Tgt Ion:330 Resp: 404777

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

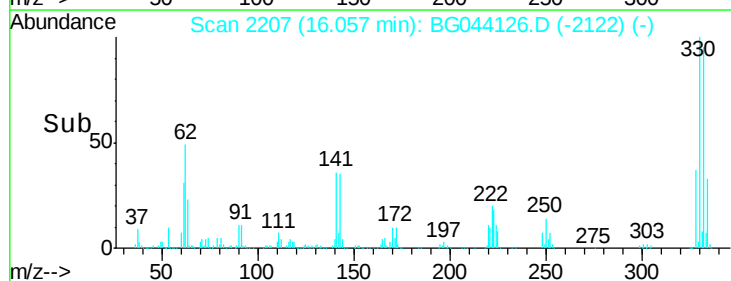
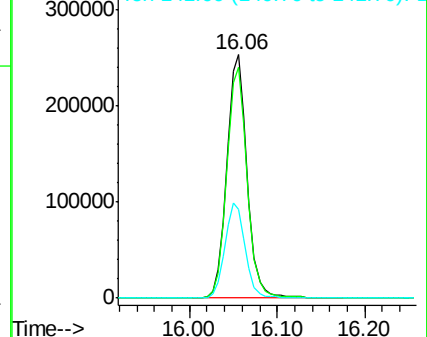
141 39.5 33.1 49.7



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



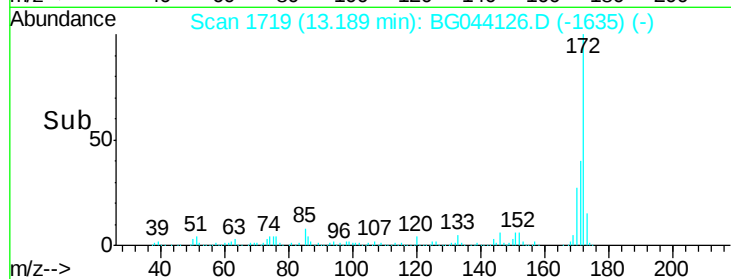
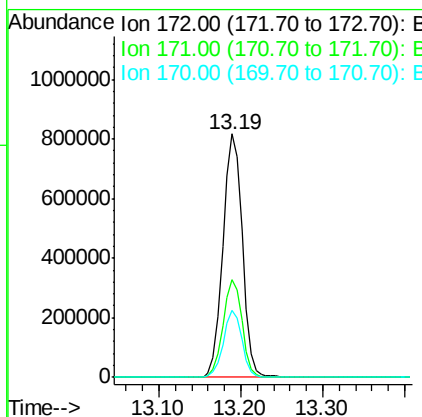
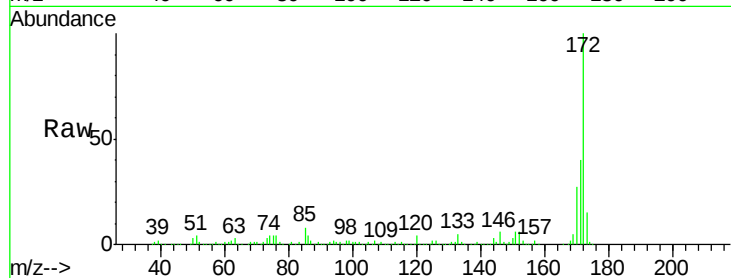


#45
 2-Fluorobiphenyl
 Concen: 105.469 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044126.D
 Acq: 21 Jan 2020 10:11

Instrument :
 BNA_G
 ClientSampleId :
 B4-15-20

Tot Ion:172 Resp: 1351966

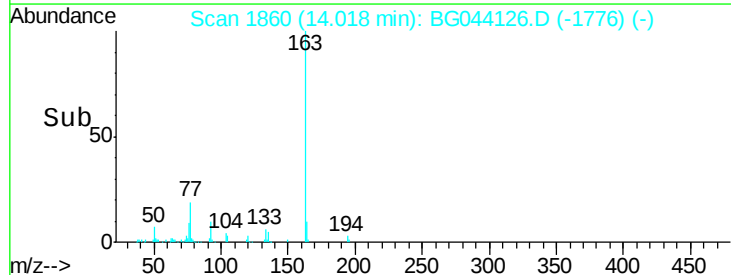
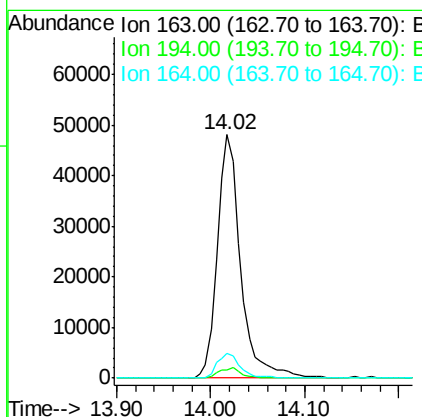
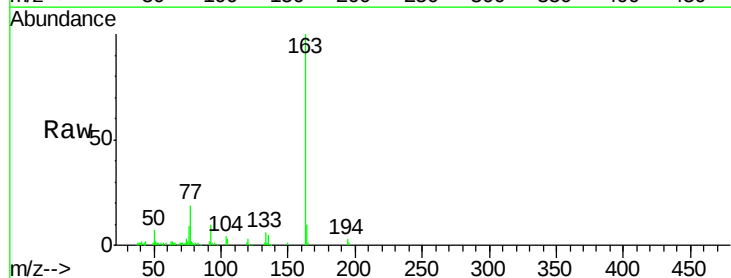
Ion	Ratio	Lower	Upper
172	100		
171	39.9	35.8	53.8
170	27.3	24.2	36.4



#50
 Dimethylphthalate
 Concen: 5.060 ng
 RT: 14.02 min Scan# 1860
 Delta R.T. -0.03 min
 Lab File: BG044126.D
 Acq: 21 Jan 2020 10:11

Tgt Ion:163 Resp: 83438

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.7	5.5#
164	10.3	9.3	13.9

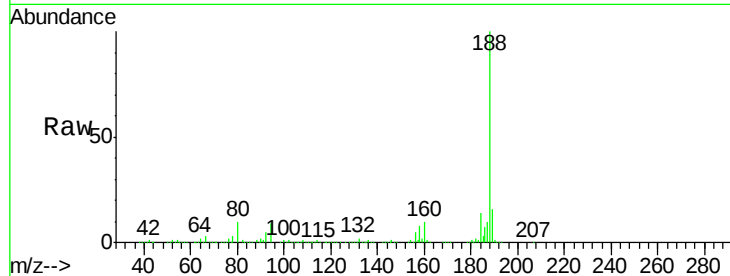




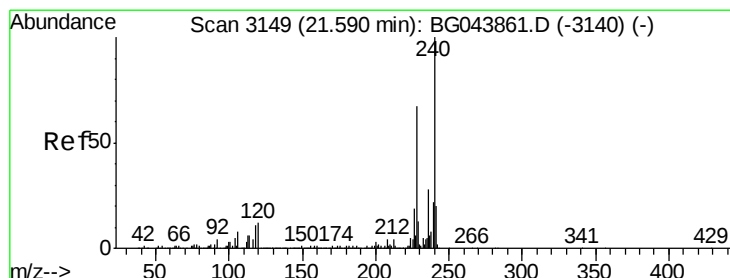
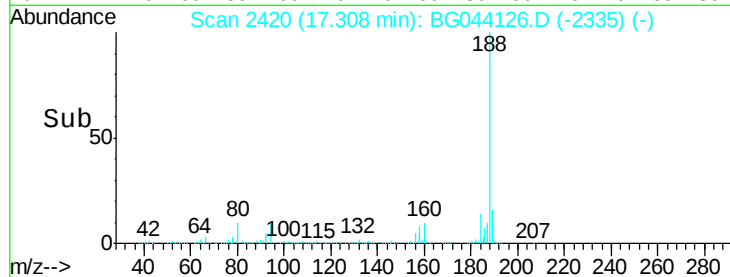
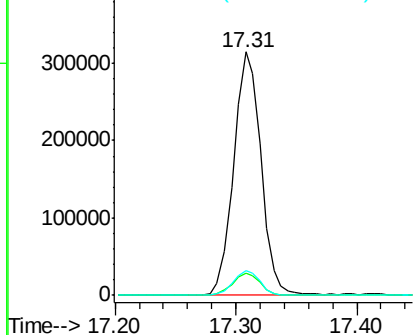
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044126.D
Acq: 21 Jan 2020 10:11

Instrument :
BNA_G
ClientSampleId :
B4-15-20

Tot Ion:188 Resp: 497777
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.1 8.2 12.4

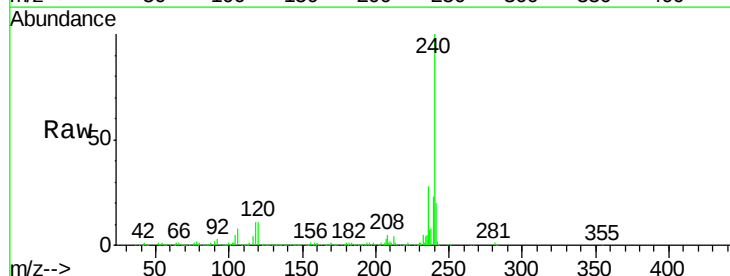


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

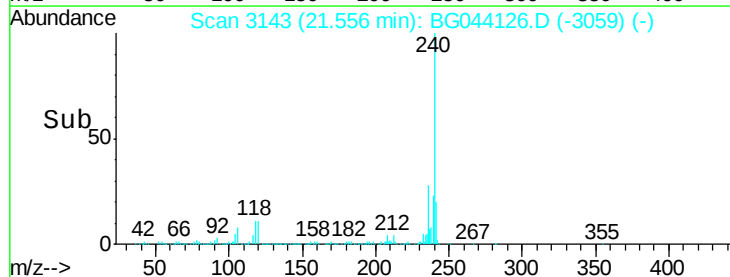
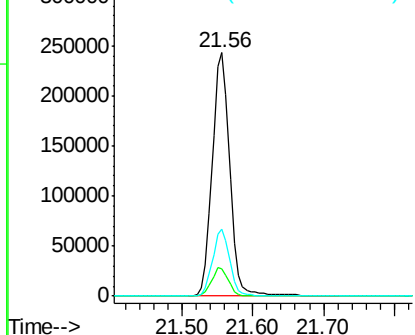


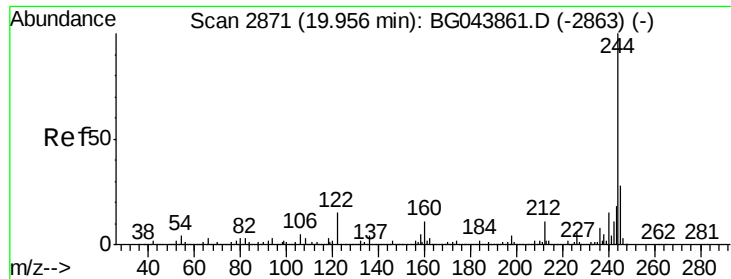
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044126.D
Acq: 21 Jan 2020 10:11

Tgt Ion:240 Resp: 421442
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 27.7 22.2 33.2



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: 121.407 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044126.D

Acq: 21 Jan 2020 10:11

Instrument :

BNA_G

ClientSampleId :

B4-15-20

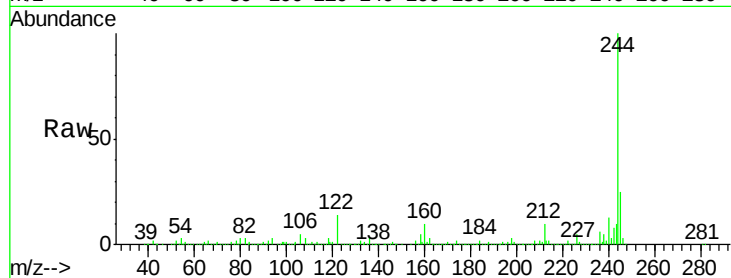
Tot Ion:244 Resp: 1908804

Ion Ratio Lower Upper

244 100

212 9.6 8.6 13.0

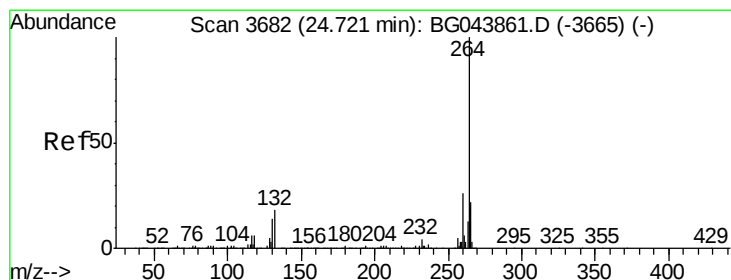
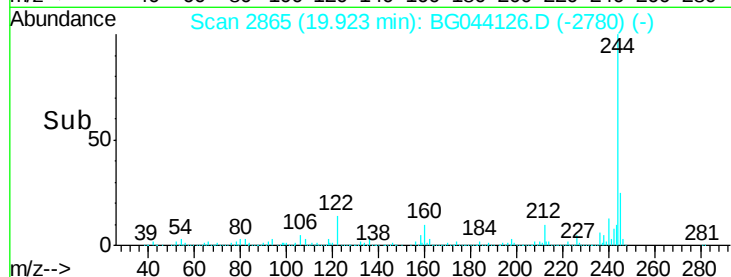
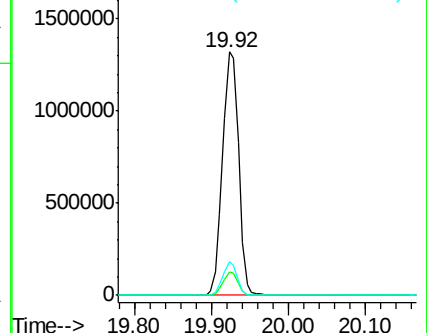
122 13.7 11.9 17.9



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: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044126.D

Acq: 21 Jan 2020 10:11

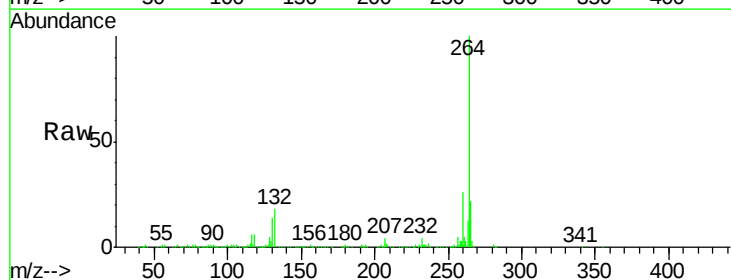
Tgt Ion:264 Resp: 473087

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

265 22.2 17.4 26.2



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

