

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044136.D
 Acq On : 21 Jan 2020 16:41
 Operator : JU
 Sample : L1211-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30

Quant Time: Jan 22 07:10:59 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

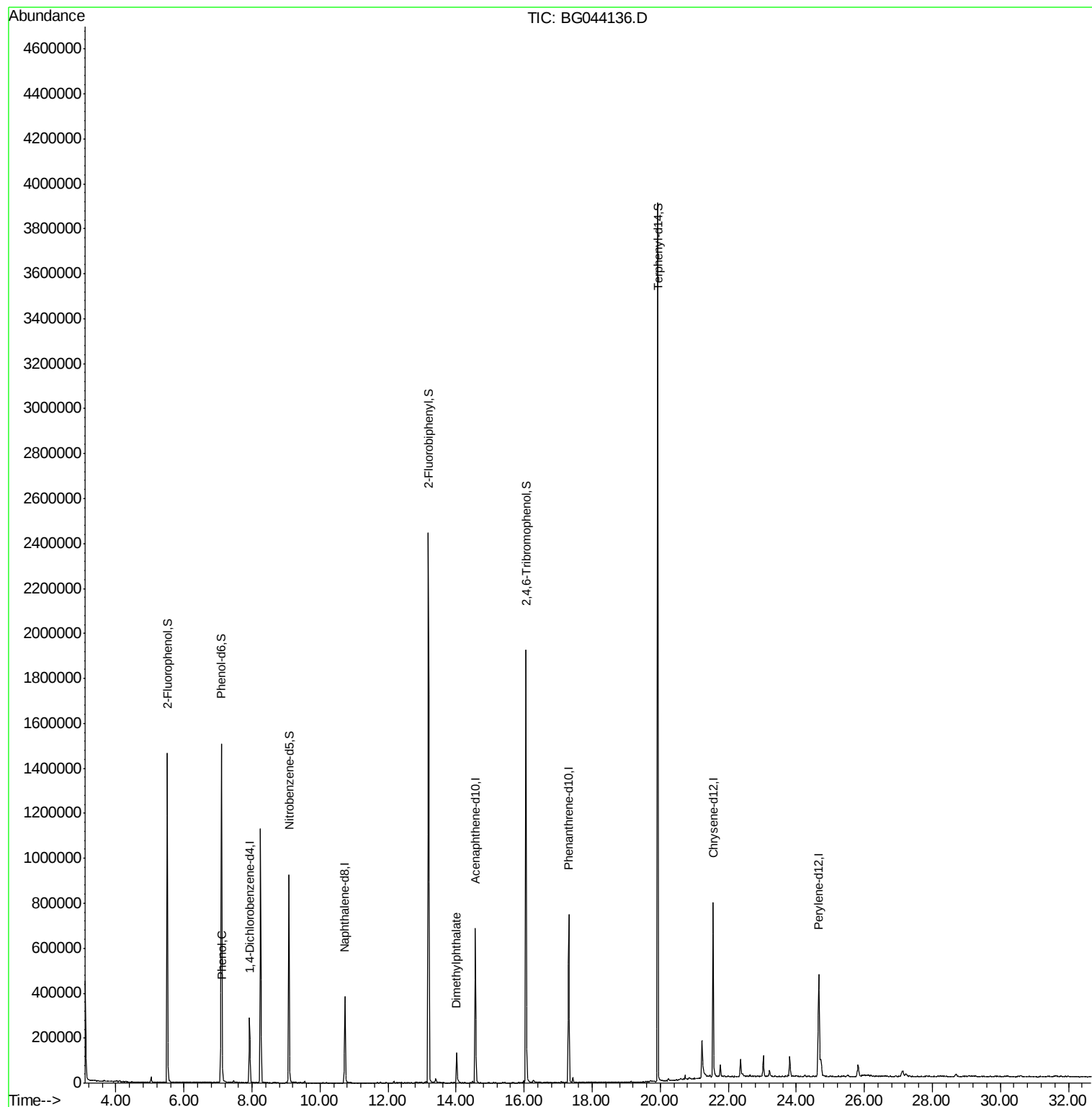
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84722	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	367072	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	253224	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	497746	20.00	ng	-0.02
76) Chrysene-d12	21.55	240	429976	20.00	ng	-0.04
87) Perylene-d12	24.66	264	472549	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	695636	150.76	ng	-0.03
7) Phenol-d6	7.10	99	957338	148.43	ng	-0.02
23) Nitrobenzene-d5	9.09	82	588988	85.84	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	359313	135.59	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1353598	96.85	ng	-0.04
79) Terphenyl-d14	19.93	244	1808465	108.81	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	21162	3.184	ng	93
50) Dimethylphthalate	14.02	163	110517	6.147	ng	98

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

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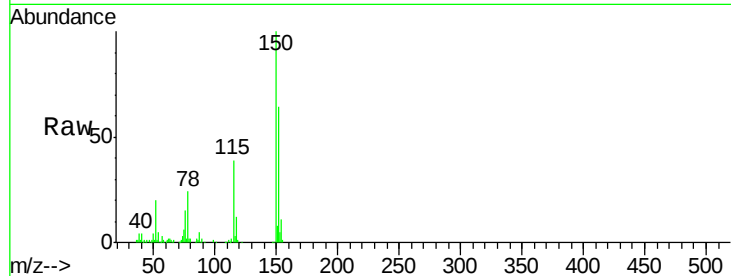


#1

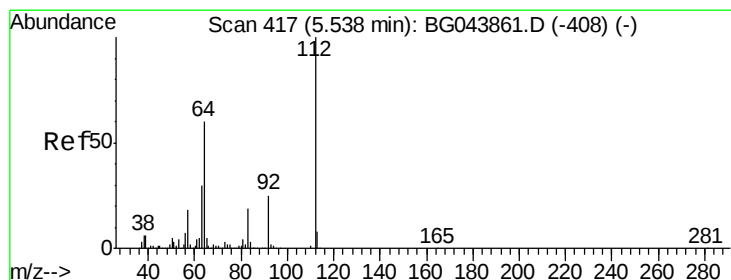
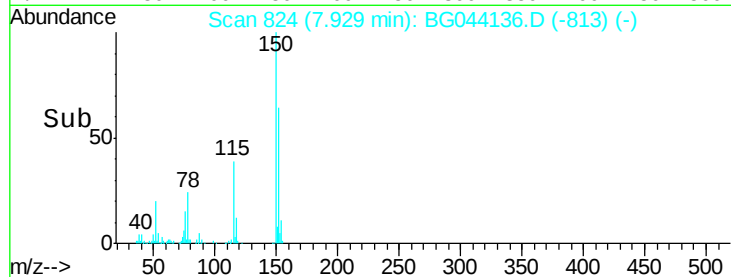
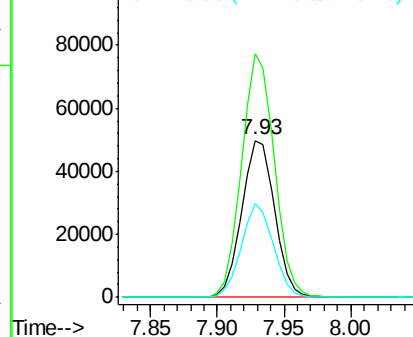
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044136.D
Acq: 21 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
B1-15-30

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.0	190.4
115	59.8	47.8	71.8



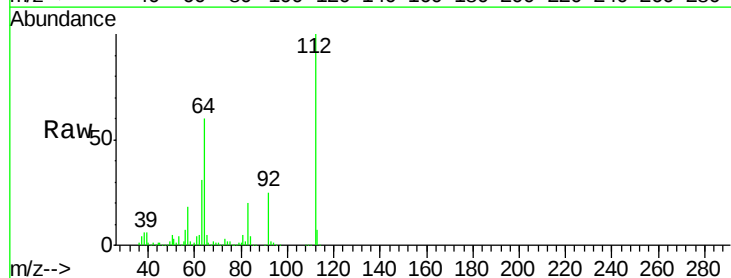
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



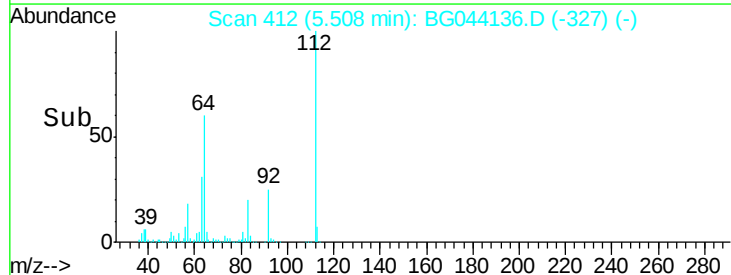
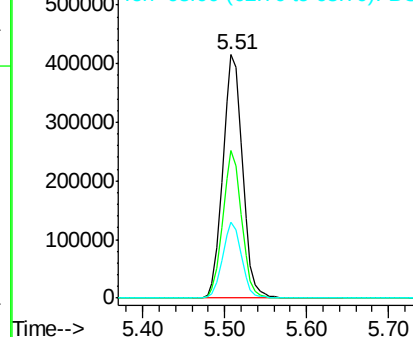
#5

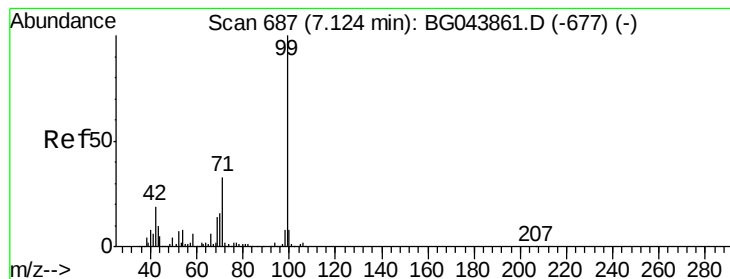
2-Fluorophenol
Concen: 150.760 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044136.D
Acq: 21 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.8	71.6
63	31.1	24.3	36.5



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: 148.429 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044136.D

Acq: 21 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

B1-15-30

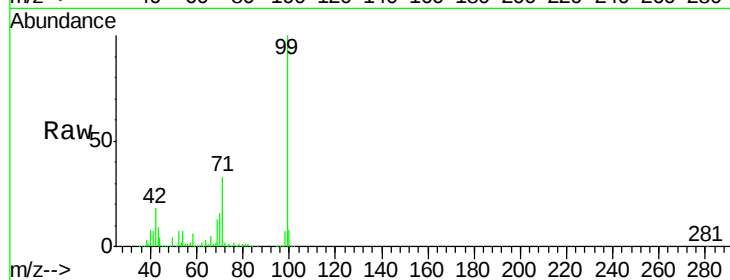
Tot Ion: 99 Resp: 957338

Ion Ratio Lower Upper

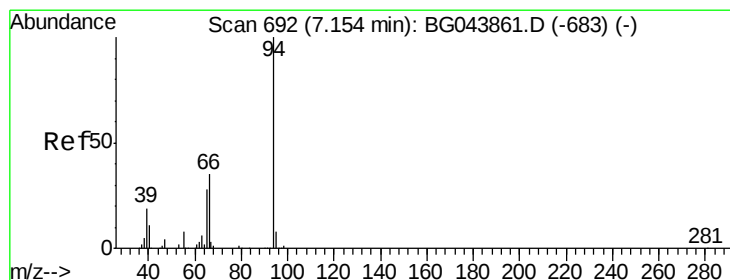
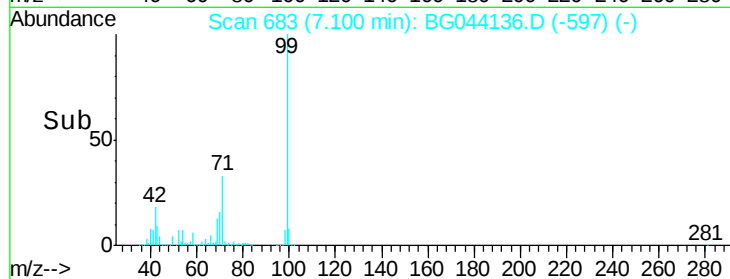
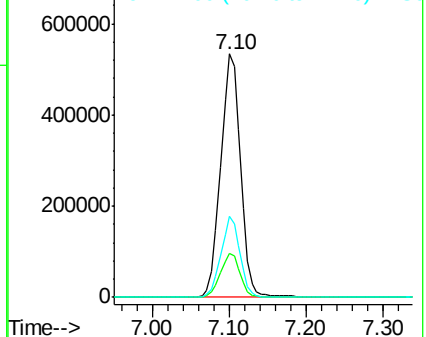
99 100

42 18.2 14.9 22.3

71 33.4 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: 3.184 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044136.D

Acq: 21 Jan 2020 16:41

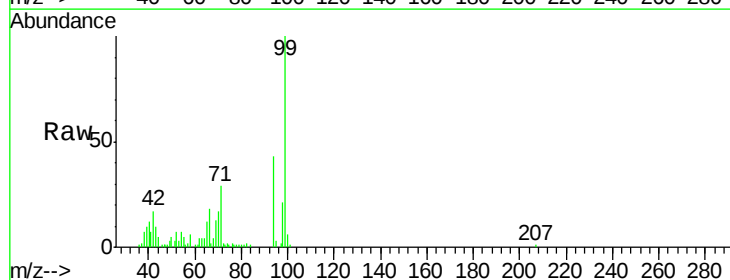
Tgt Ion: 94 Resp: 21162

Ion Ratio Lower Upper

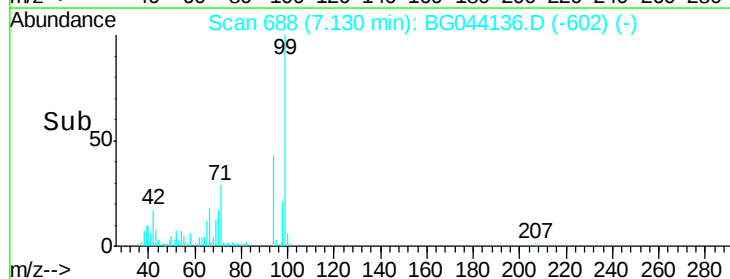
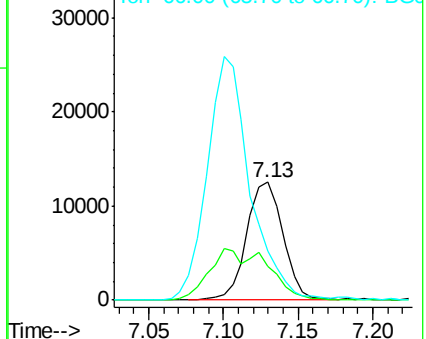
94 100

65 28.9 8.1 48.1

66 42.1 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

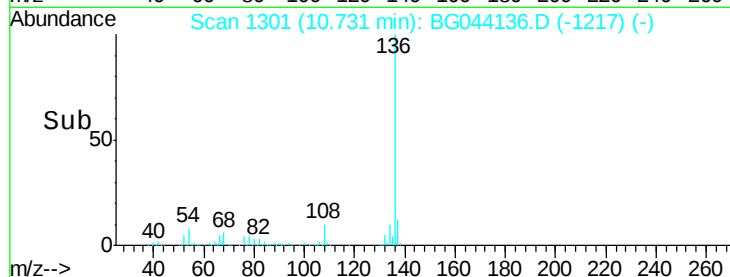
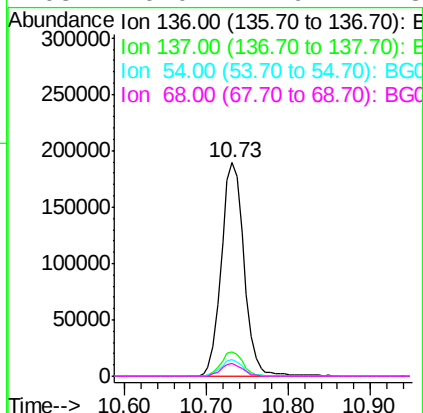
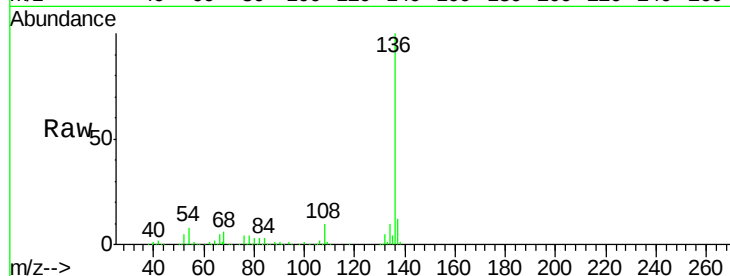




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044136.D
Acq: 21 Jan 2020 16:41

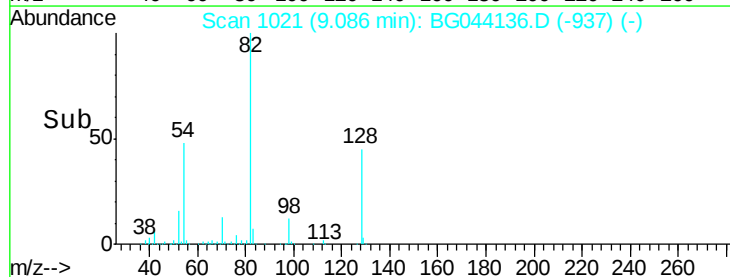
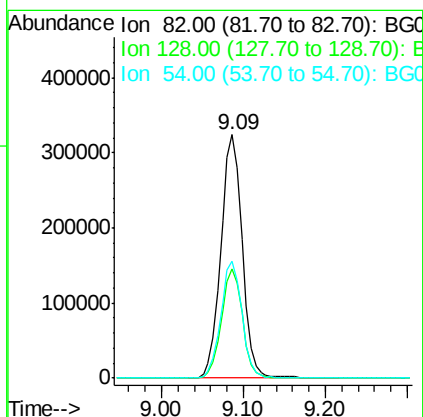
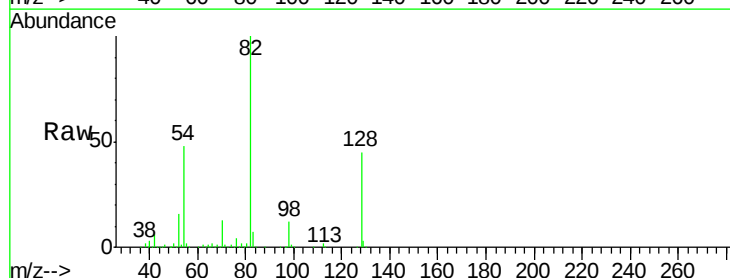
Instrument :
BNA_G
ClientSampleId :
B1-15-30

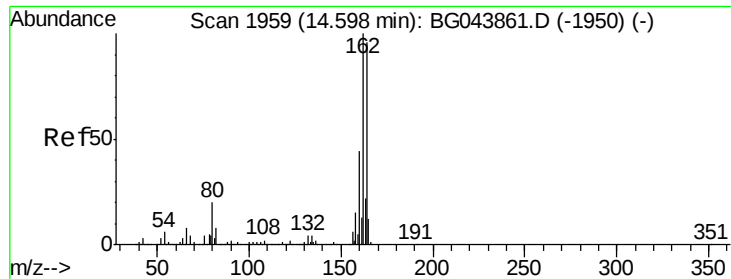
Tot Ion:136	Resp:	367072	
Ion Ratio	Lower	Upper	
136 100			
137 11.7	8.8	13.2	
54 8.0	7.0	10.4	
68 6.0	4.9	7.3	



#23
Nitrobenzene-d5
Concen: 85.837 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044136.D
Acq: 21 Jan 2020 16:41

Tgt	Ion: 82	Resp:	588988
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.1	52.7
54	48.1	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044136.D

Acq: 21 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

B1-15-30

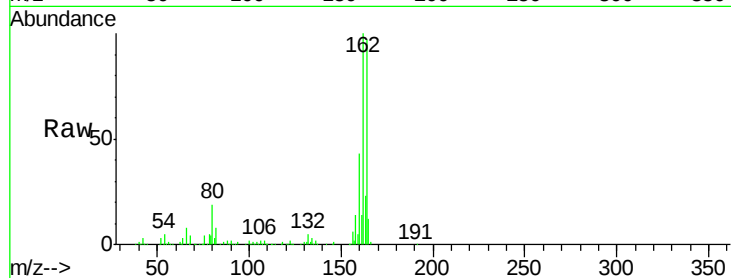
Tot Ion:164 Resp: 253224

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.4

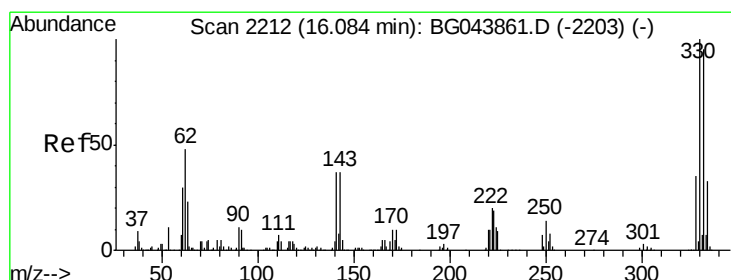
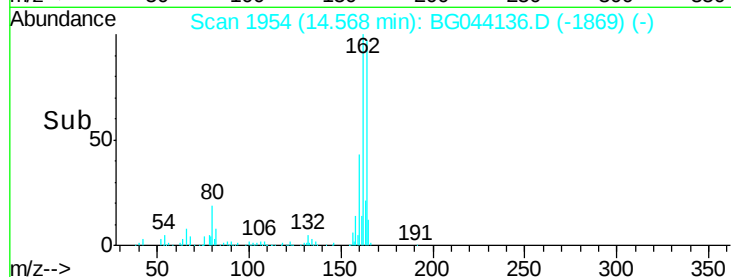
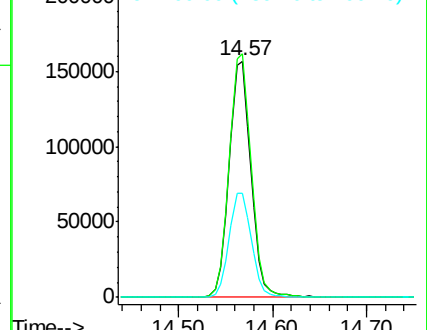
160 44.2 36.1 54.1



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: 135.593 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044136.D

Acq: 21 Jan 2020 16:41

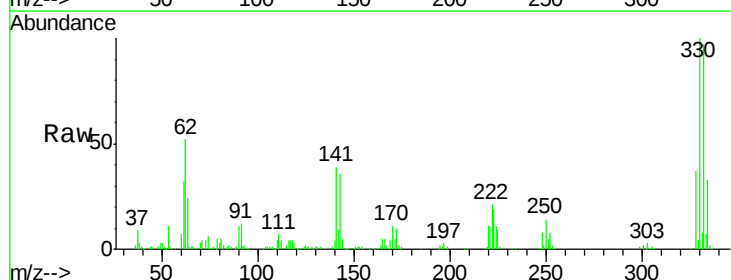
Tgt Ion:330 Resp: 359313

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

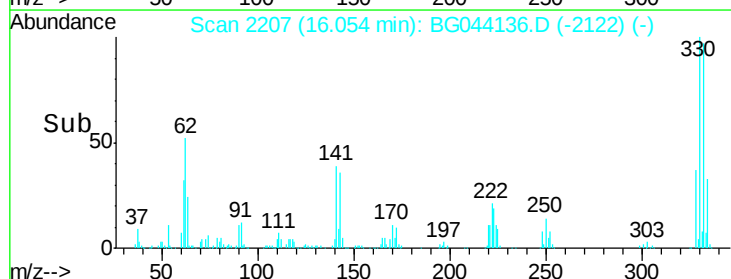
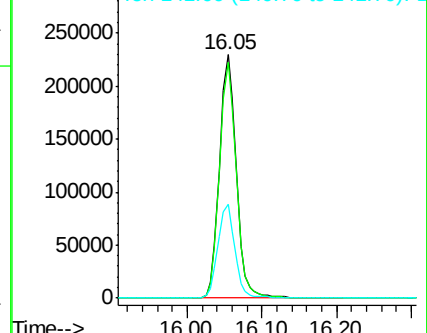
141 38.8 33.1 49.7



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

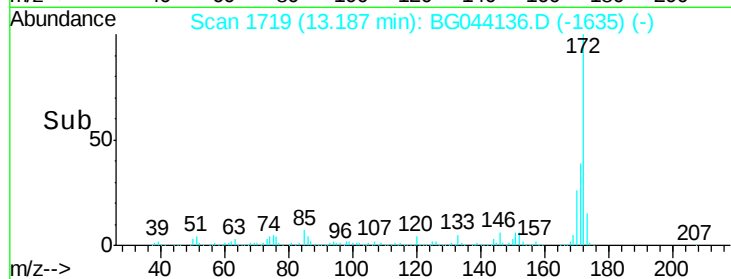
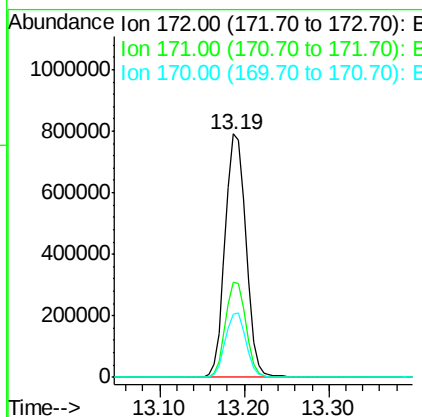
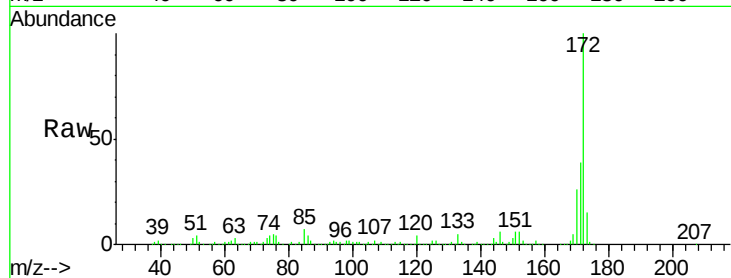




#45
2-Fluorobiphenyl
Concen: 96.847 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044136.D
Acq: 21 Jan 2020 16:41

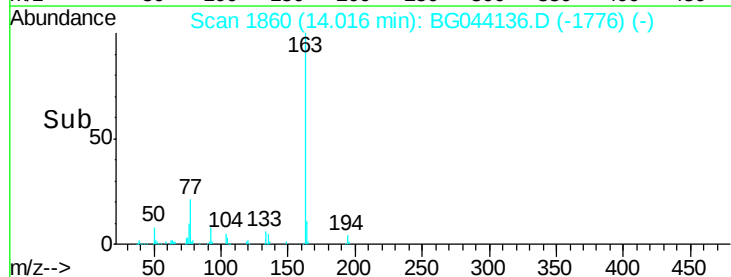
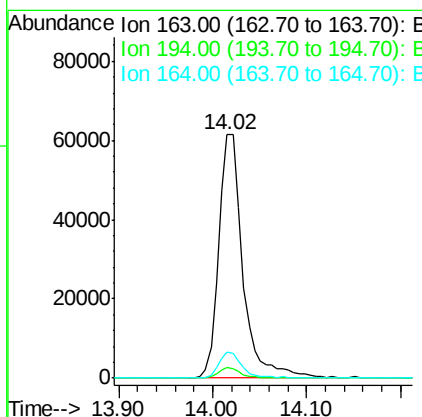
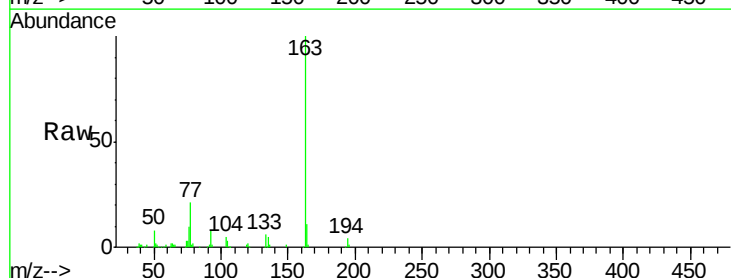
Instrument :
BNA_G
ClientSampleId :
B1-15-30

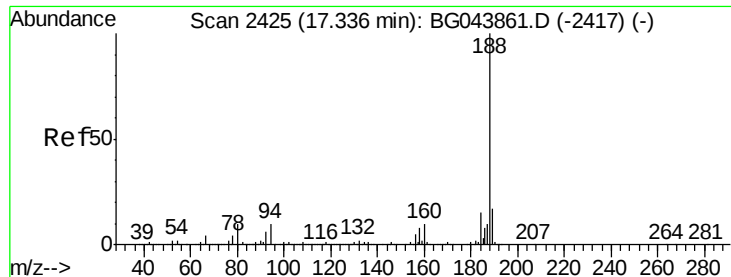
Tot Ion:172 Resp: 1353598
Ion Ratio Lower Upper
172 100
171 38.9 35.8 53.8
170 26.0 24.2 36.4



#50
Dimethylphthalate
Concen: 6.147 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044136.D
Acq: 21 Jan 2020 16:41

Tgt Ion:163 Resp: 110517
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 10.6 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044136.D

Acq: 21 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

B1-15-30

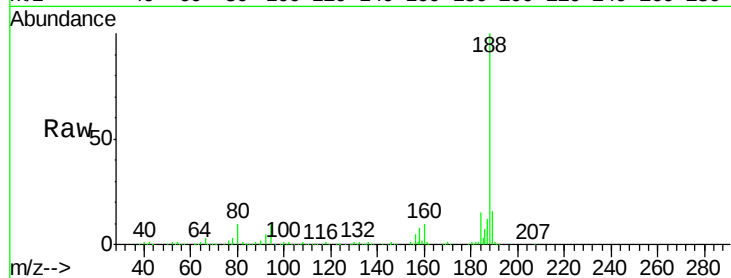
Tot Ion:188 Resp: 497746

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

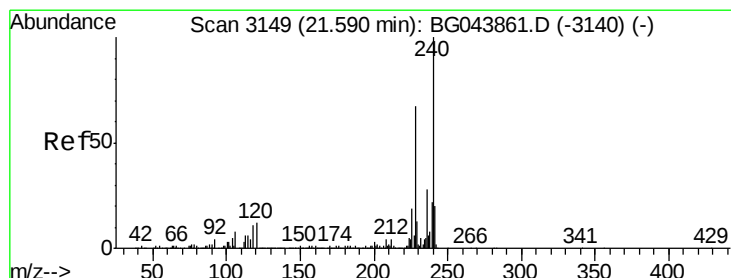
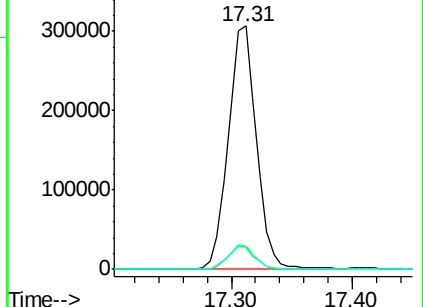
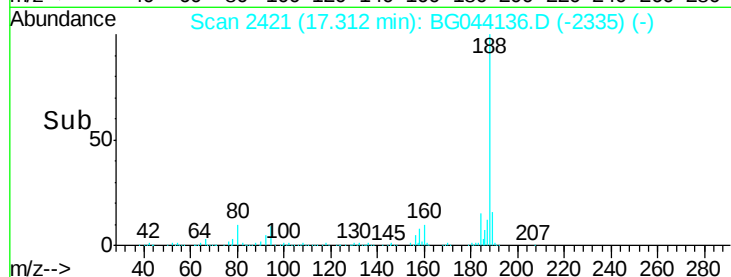
80 9.5 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.04 min

Lab File: BG044136.D

Acq: 21 Jan 2020 16:41

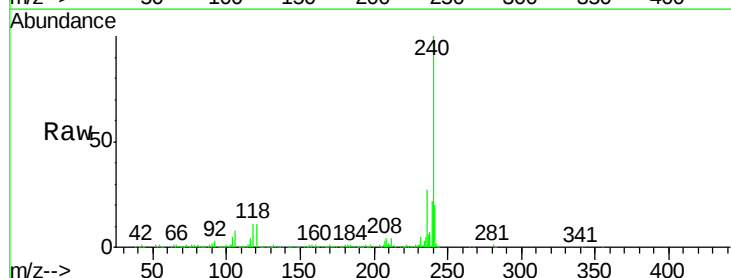
Tgt Ion:240 Resp: 429976

Ion Ratio Lower Upper

240 100

120 11.2 9.6 14.4

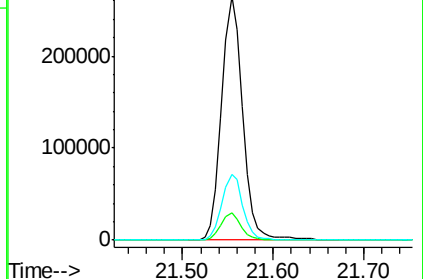
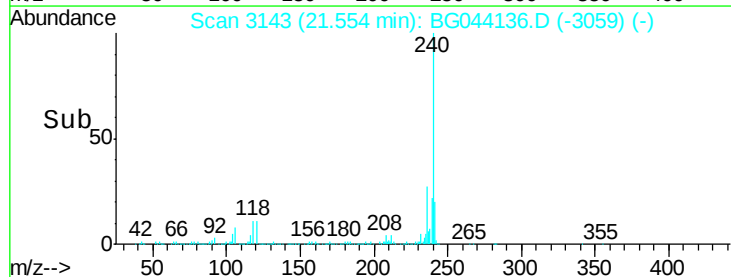
236 26.7 22.2 33.2

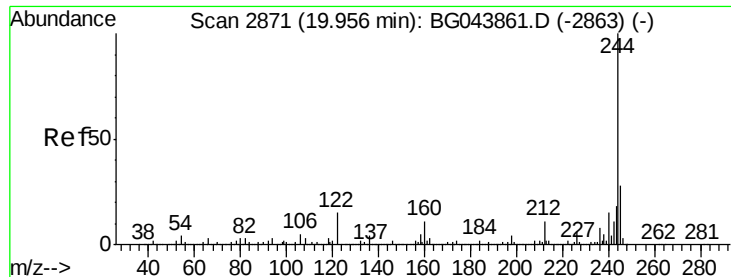


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.807 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044136.D

Acq: 21 Jan 2020 16:41

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B1-15-30

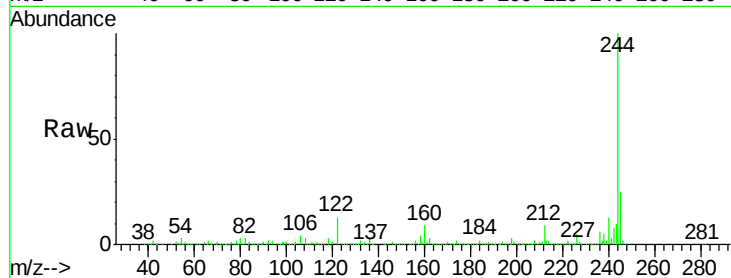
Tot Ion:244 Resp: 1808465

Ion Ratio Lower Upper

244 100

212 9.3 8.6 13.0

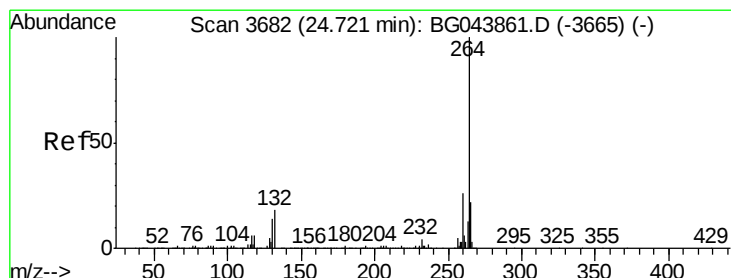
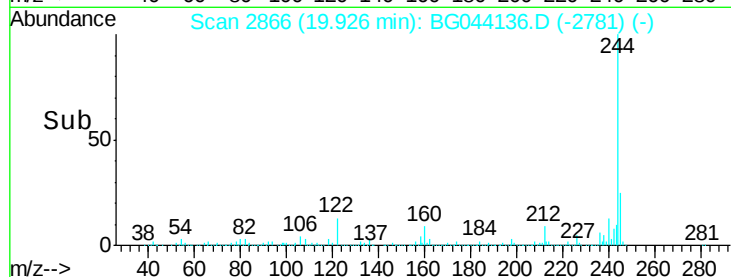
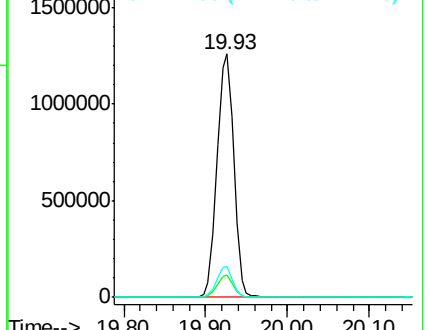
122 12.6 11.9 17.9



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: BG044136.D

Acq: 21 Jan 2020 16:41

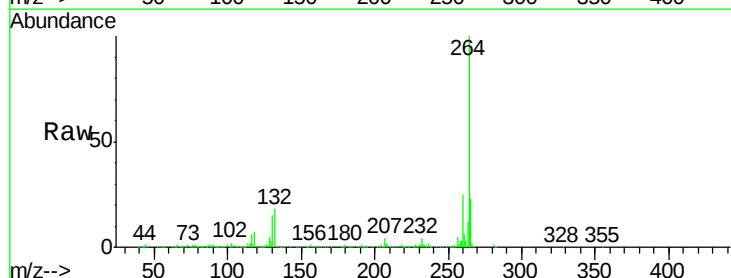
Tgt Ion:264 Resp: 472549

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

265 22.5 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

