

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
 Data File : BG044167.D
 Acq On : 23 Jan 2020 15:00
 Operator : JU
 Sample : L1230-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-A

Quant Time: Jan 24 05:30:22 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

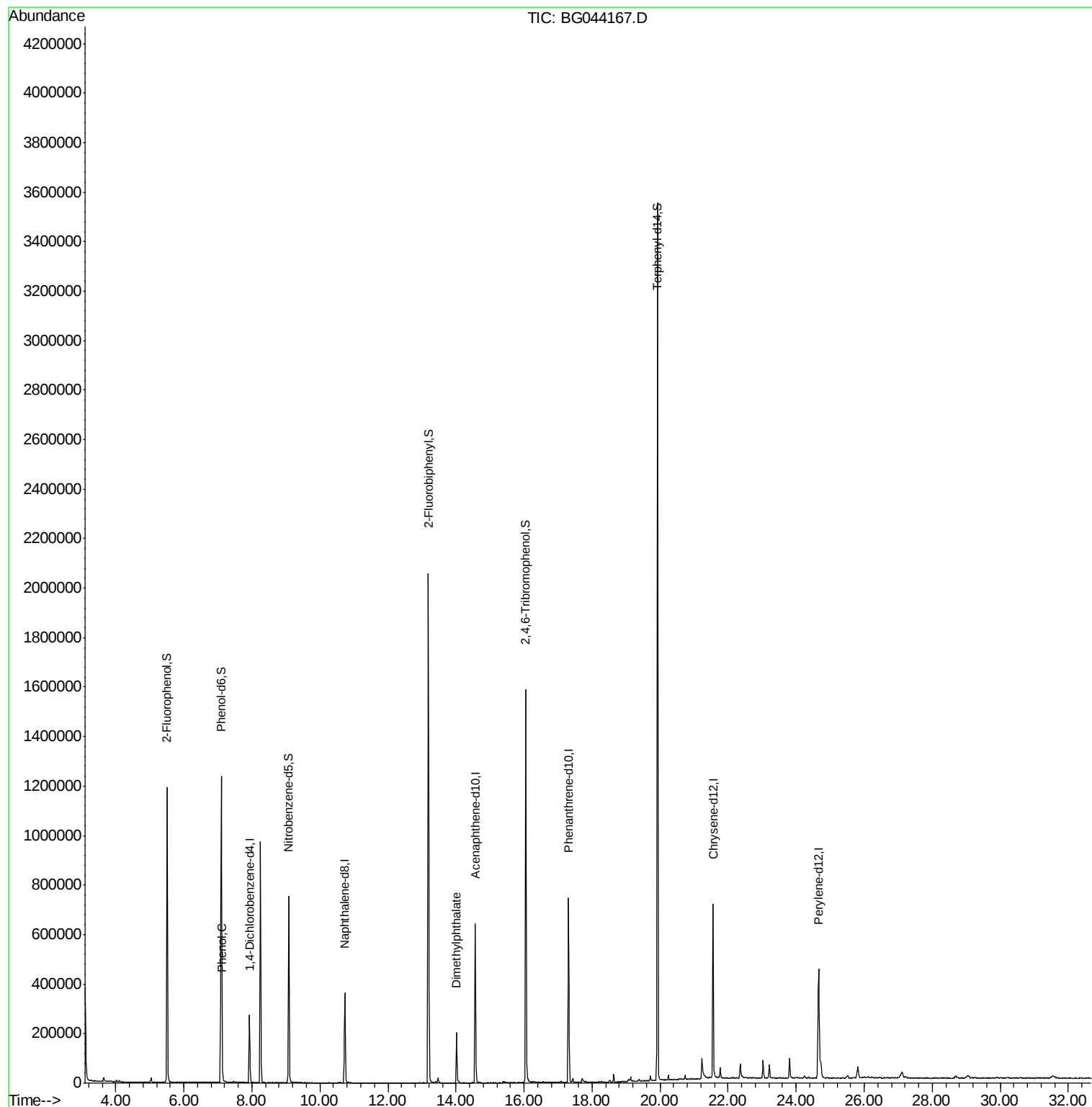
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	79364	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	348660	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	237062	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	485652	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	424638	20.00	ng	-0.03
87) Perylene-d12	24.66	264	463301	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	583454	134.98	ng	-0.03
7) Phenol-d6	7.10	99	792043	131.09	ng	-0.03
23) Nitrobenzene-d5	9.08	82	483312	74.16	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	300710	121.21	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1144896	87.50	ng	-0.03
79) Terphenyl-d14	19.92	244	1602703	93.34	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	43348	6.963	ng	99
50) Dimethylphthalate	14.01	163	163640	9.722	ng	97

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

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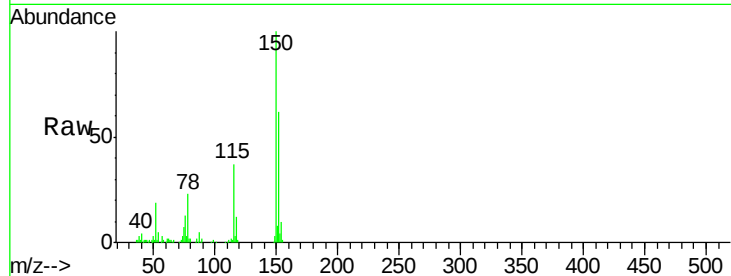


#1

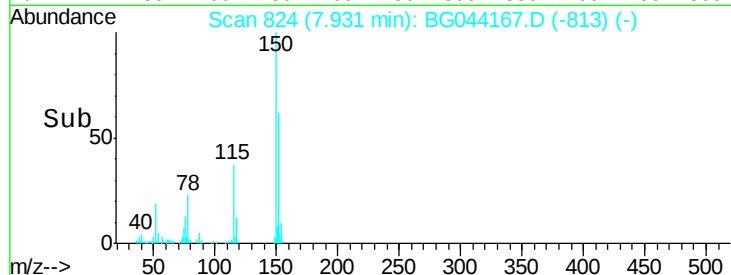
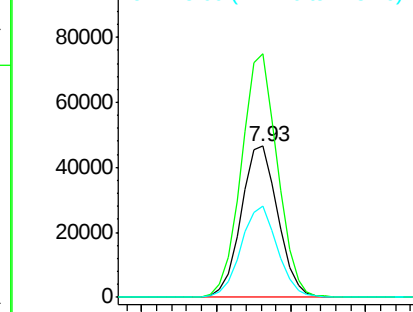
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044167.D
Acq: 23 Jan 2020 15:00

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	127.0	190.4
115	60.2	47.8	71.8



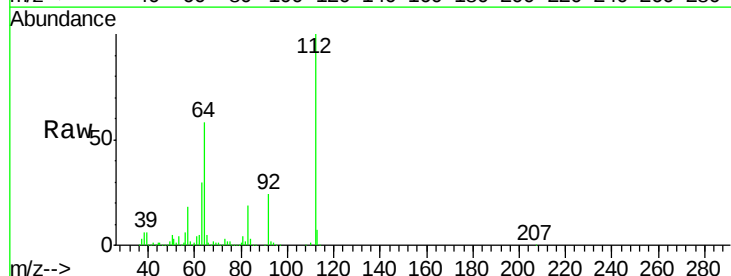
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



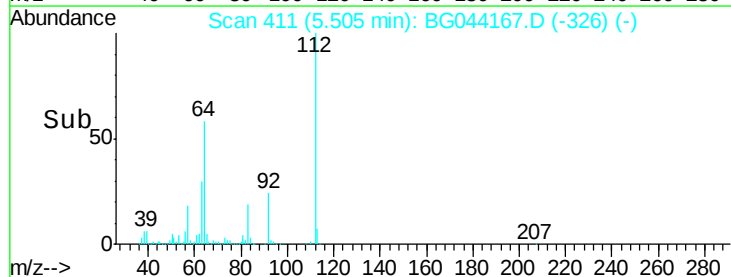
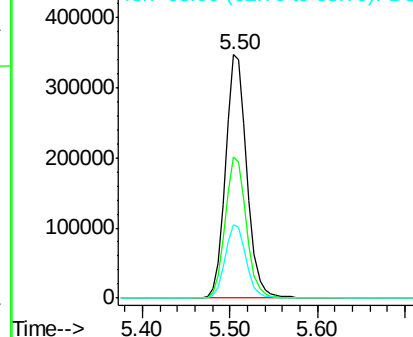
#5

2-Fluorophenol
Concen: 134.985 ng
RT: 5.50 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044167.D
Acq: 23 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.8	71.6
63	29.9	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: 131.092 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044167.D

Acq: 23 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-A

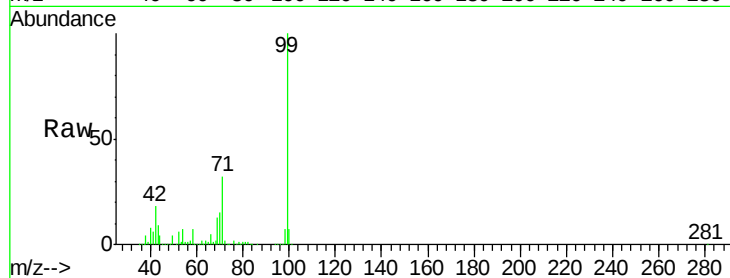
Tot Ion: 99 Resp: 792043

Ion Ratio Lower Upper

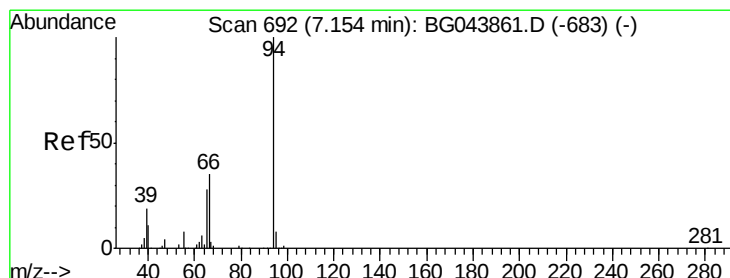
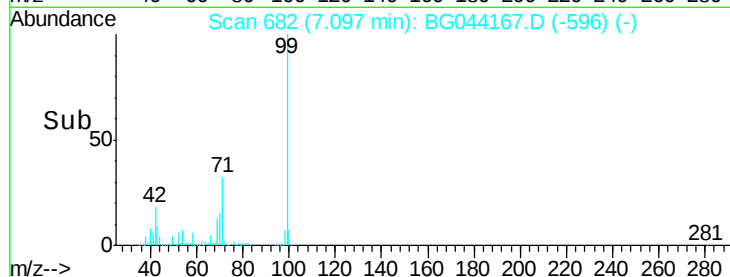
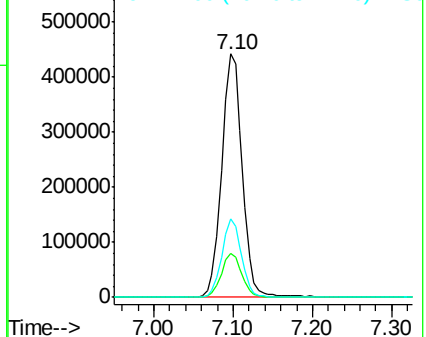
99 100

42 18.2 14.9 22.3

71 32.4 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: 6.963 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044167.D

Acq: 23 Jan 2020 15:00

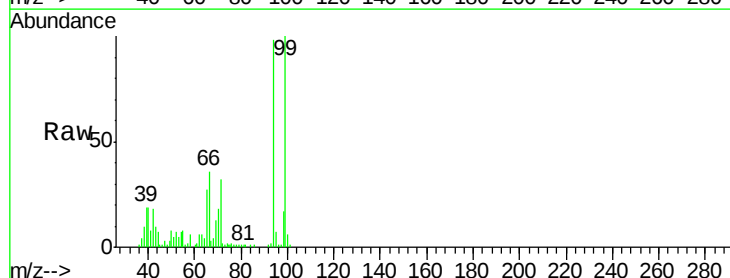
Tgt Ion: 94 Resp: 43348

Ion Ratio Lower Upper

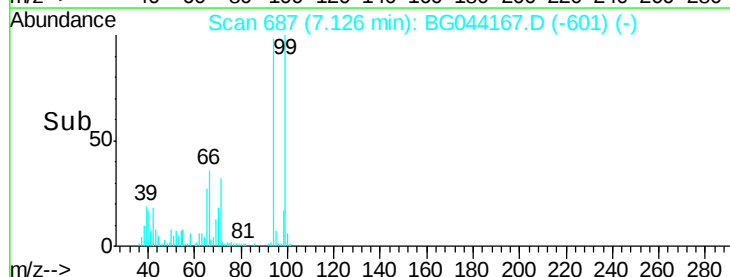
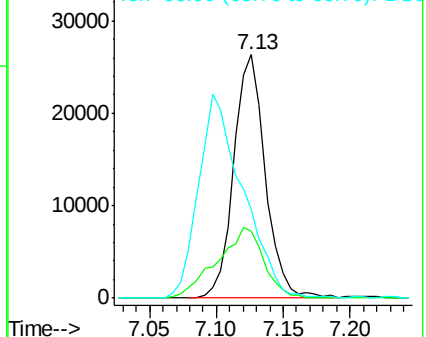
94 100

65 27.3 8.1 48.1

66 36.4 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

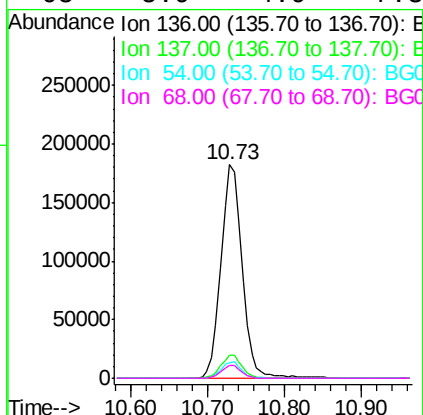
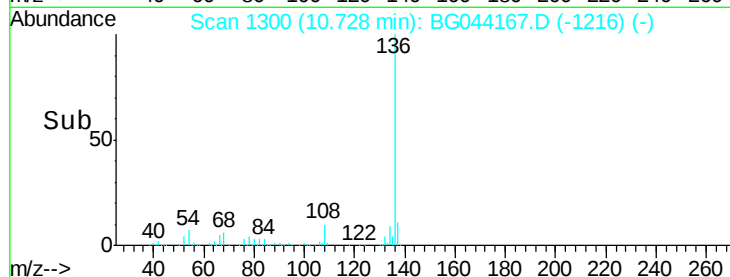
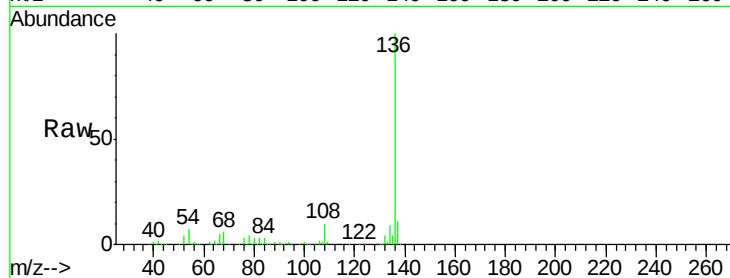




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044167.D
Acq: 23 Jan 2020 15:00

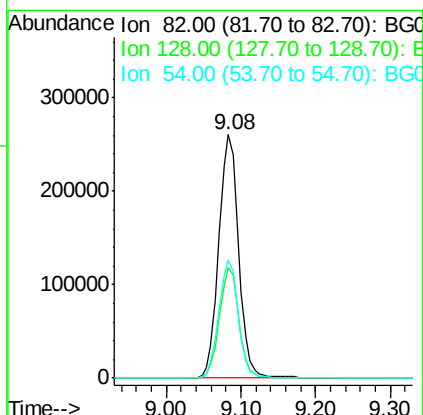
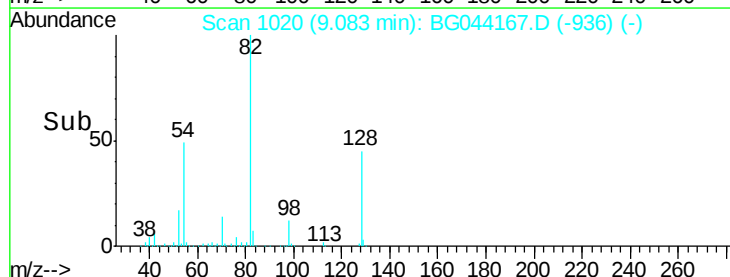
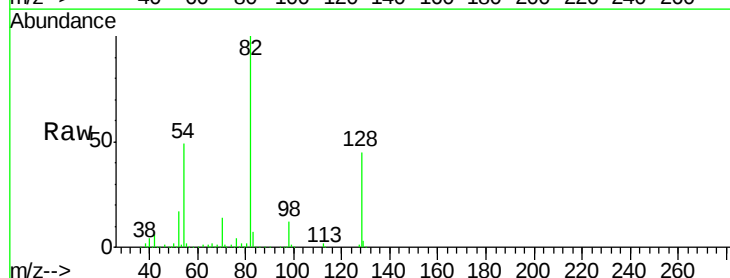
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-A

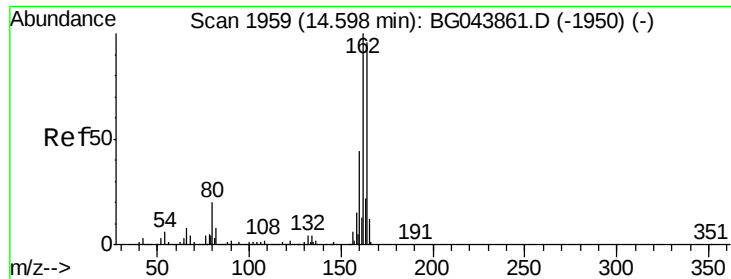
Tot Ion:136	Resp:	348660	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 7.5	7.0	10.4	
68 5.9	4.9	7.3	



#23
Nitrobenzene-d5
Concen: 74.156 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044167.D
Acq: 23 Jan 2020 15:00

Tgt	Ion: 82	Resp:	483312
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.1	52.7
54	48.7	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044167.D

Acq: 23 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-A

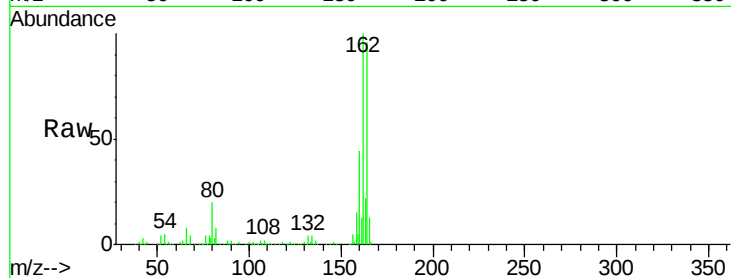
Tot Ion:164 Resp: 237062

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.4

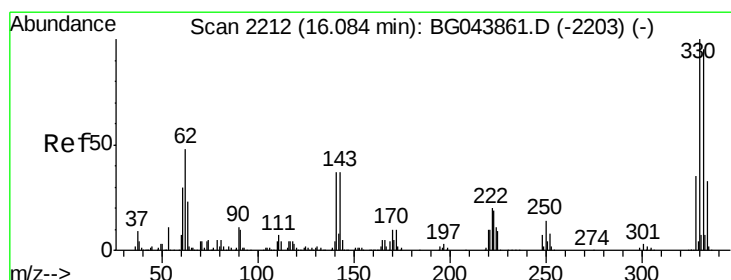
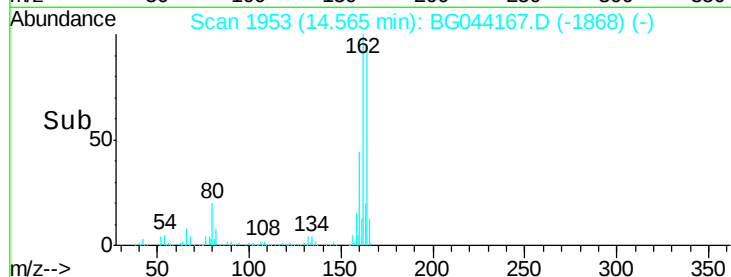
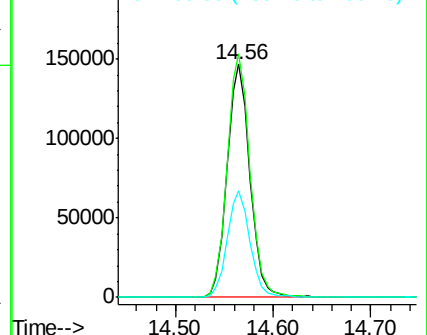
160 45.7 36.1 54.1



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: 121.215 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044167.D

Acq: 23 Jan 2020 15:00

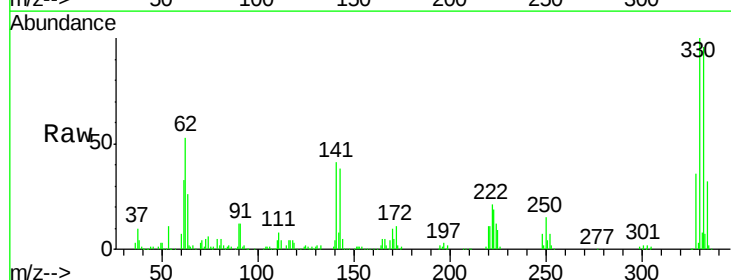
Tgt Ion:330 Resp: 300710

Ion Ratio Lower Upper

330 100

332 95.3 77.2 115.8

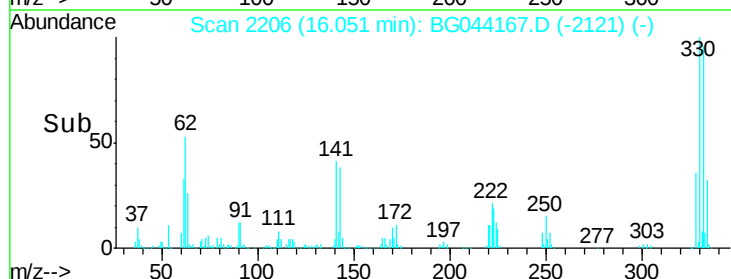
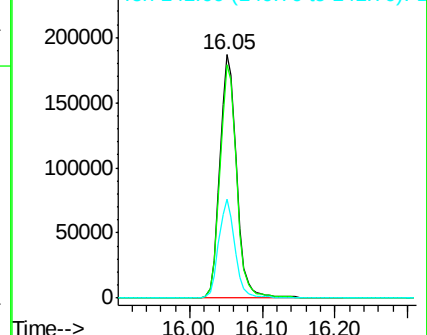
141 39.4 33.1 49.7

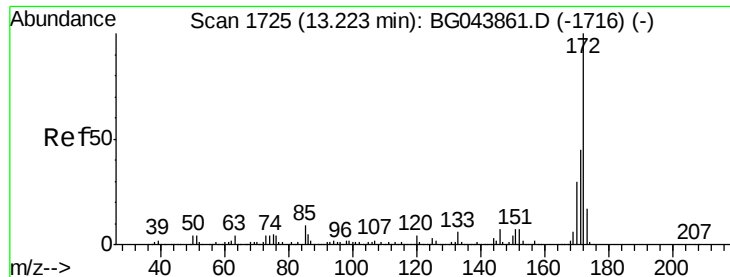


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

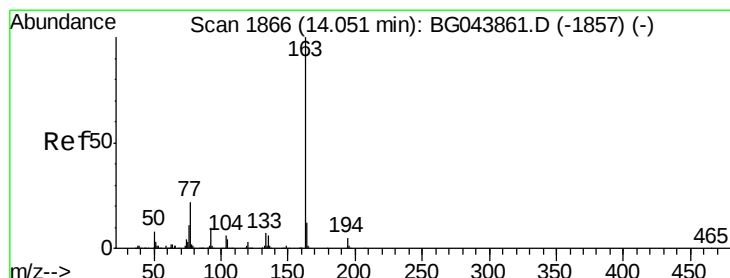
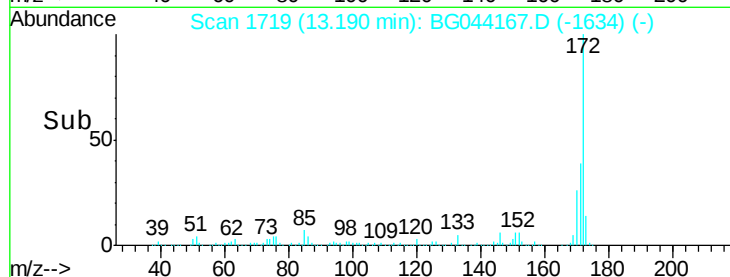
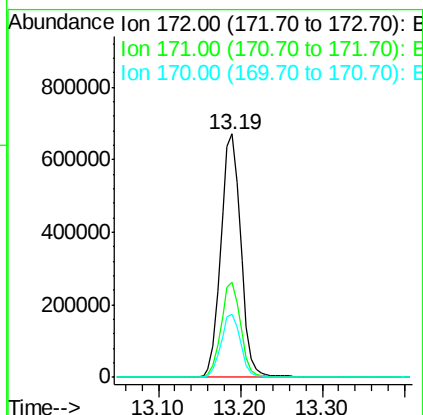
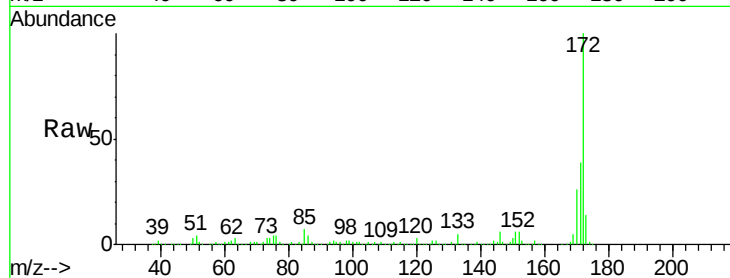




#45
2-Fluorobiphenyl
Concen: 87.500 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044167.D
Acq: 23 Jan 2020 15:00

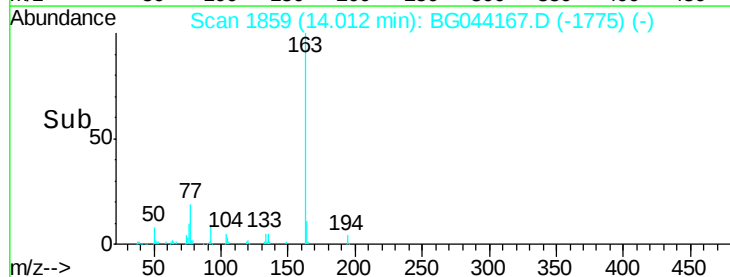
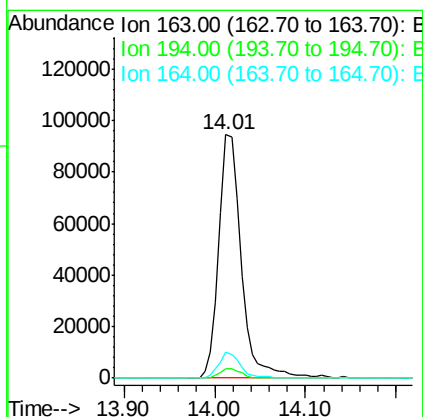
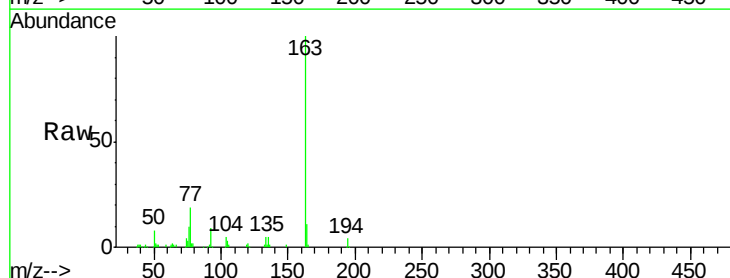
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-A

Tot Ion:172 Resp: 1144896
Ion Ratio Lower Upper
172 100
171 39.1 35.8 53.8
170 26.0 24.2 36.4



#50
Dimethylphthalate
Concen: 9.722 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.04 min
Lab File: BG044167.D
Acq: 23 Jan 2020 15:00

Tgt Ion:163 Resp: 163640
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 10.6 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: BG044167.D

Acq: 23 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-A

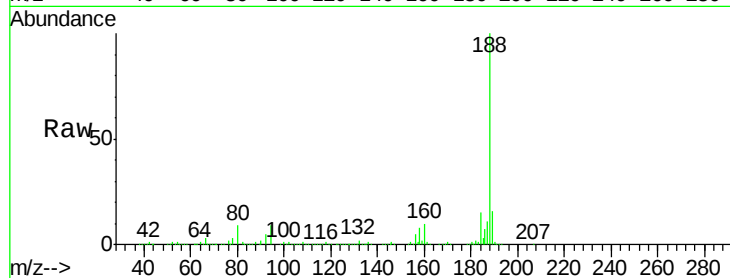
Tot Ion:188 Resp: 485652

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

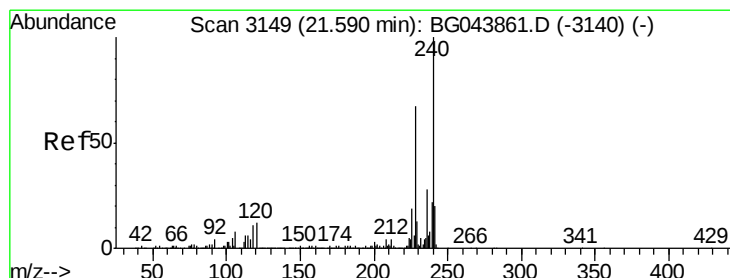
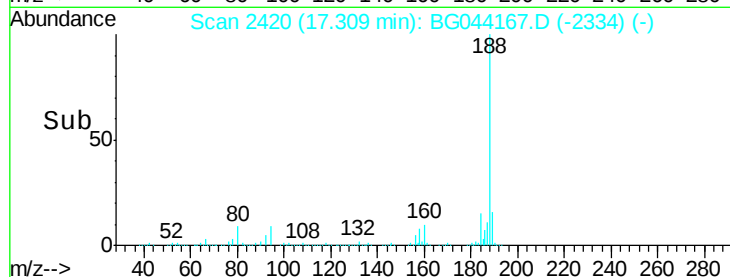
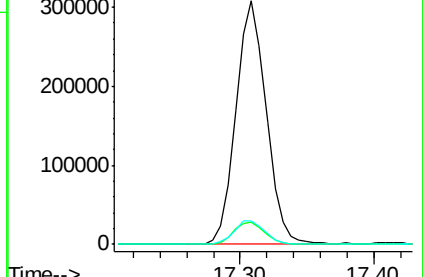
80 9.5 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG044167.D

Acq: 23 Jan 2020 15:00

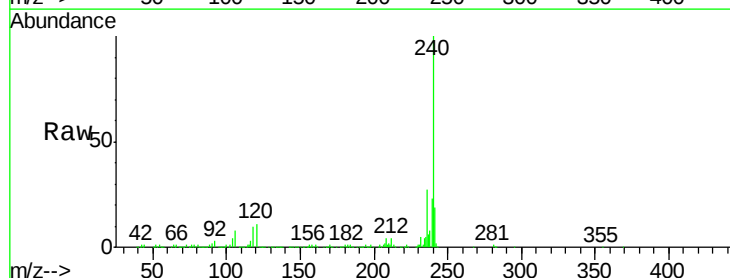
Tgt Ion:240 Resp: 424638

Ion Ratio Lower Upper

240 100

120 10.7 9.6 14.4

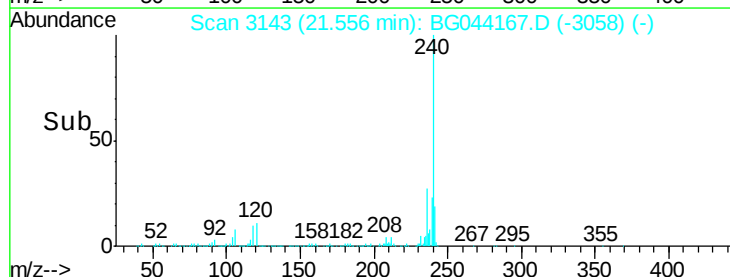
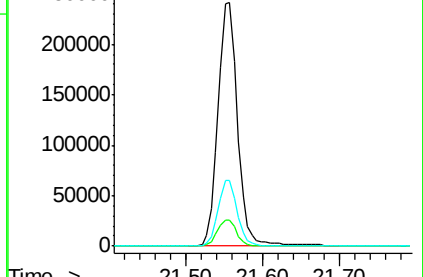
236 27.0 22.2 33.2

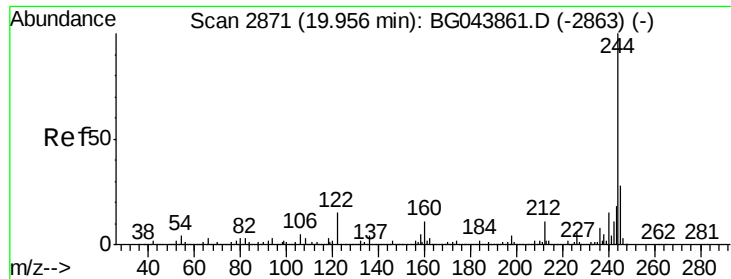


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.342 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044167.D

Acq: 23 Jan 2020 15:00

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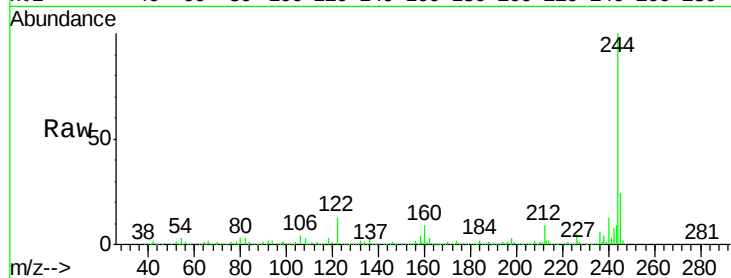
Tot Ion:244 Resp: 1602703

Ion Ratio Lower Upper

244 100

212 8.9 8.6 13.0

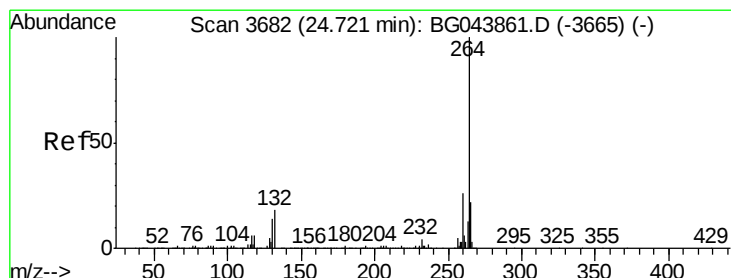
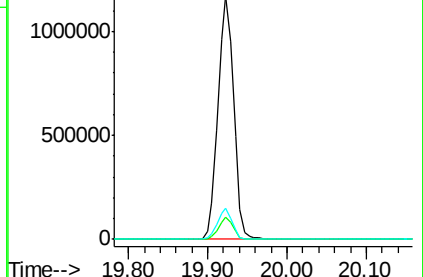
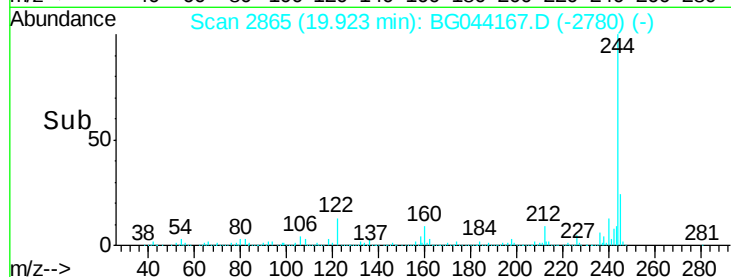
122 12.5 11.9 17.9



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: BG044167.D

Acq: 23 Jan 2020 15:00

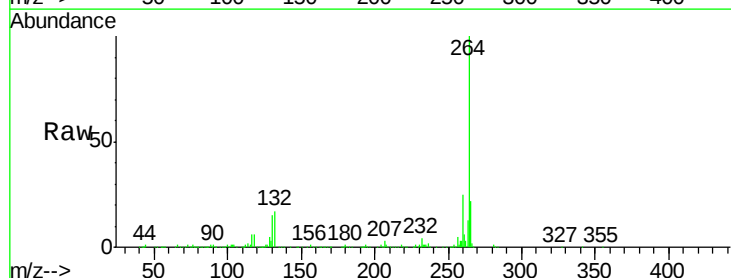
Tgt Ion:264 Resp: 463301

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 21.7 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

