

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044049.D
 Acq On : 14 Jan 2020 23:21
 Operator : JU
 Sample : L1004-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-RO-258

Quant Time: Jan 15 00:10:39 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	7.95	152	152482	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	623466	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	360672	20.00	ng	-0.02
64) Phenanthrene-d10	17.33	188	682078	20.00	ng	0.00
76) Chrysene-d12	21.59	240	573113	20.00	ng	0.00
87) Perylene-d12	24.83	264	659340	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	197634	23.80	ng	0.00
7) Phenol-d6	7.12	99	275742	23.75	ng	0.00
23) Nitrobenzene-d5	9.10	82	154822	13.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	77575	20.55	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	348900	17.53	ng	-0.02
79) Terphenyl-d14	19.94	244	419719	8.77	ng	-0.02

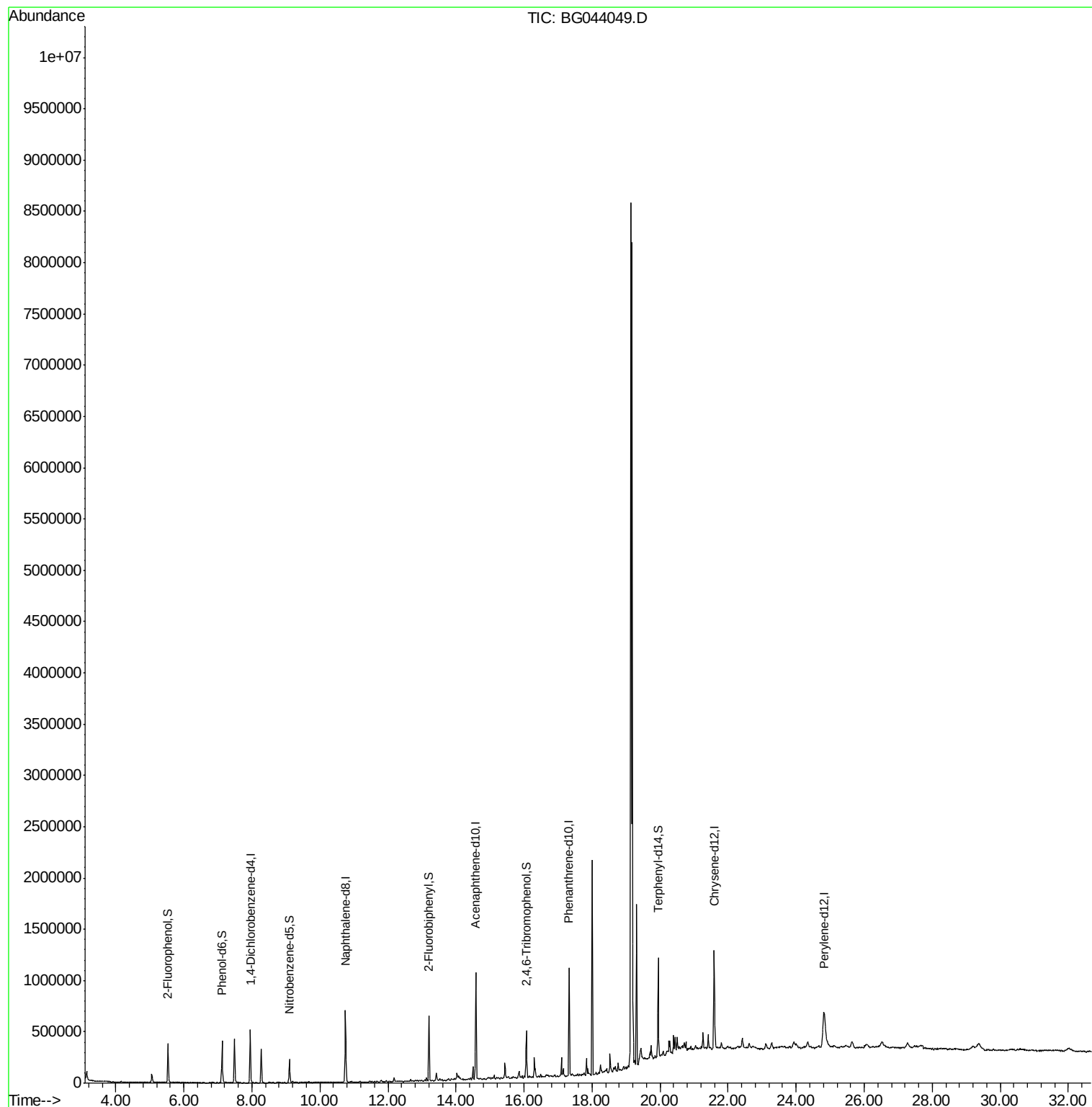
Target Compounds Qvalue

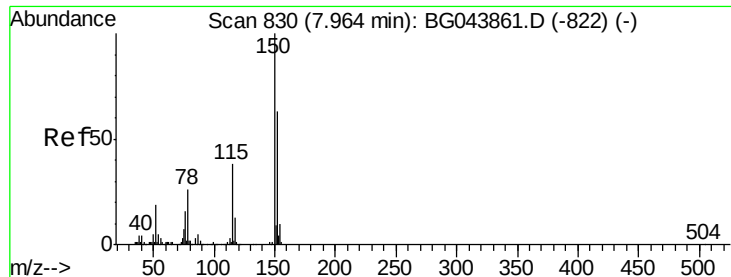
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044049.D
Acq On : 14 Jan 2020 23:21
Operator : JU
Sample : L1004-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-RO-258

Quant Time: Jan 15 00:10:39 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



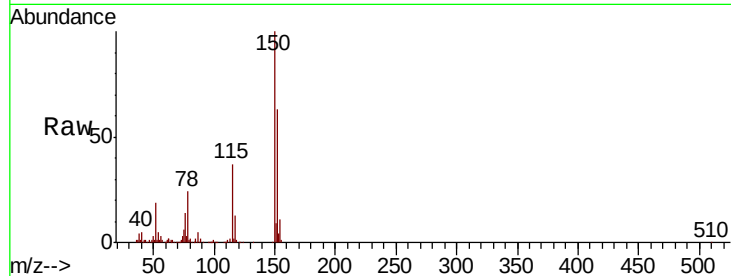


#1

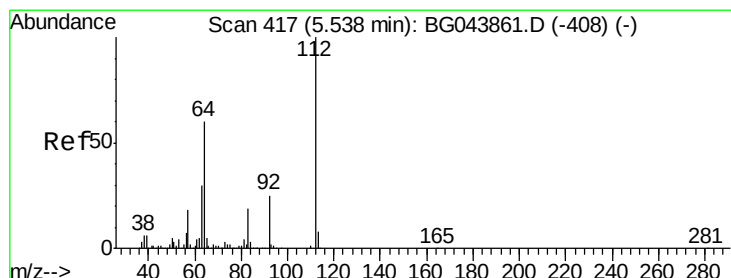
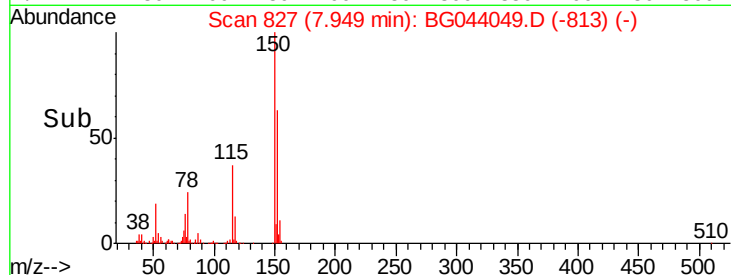
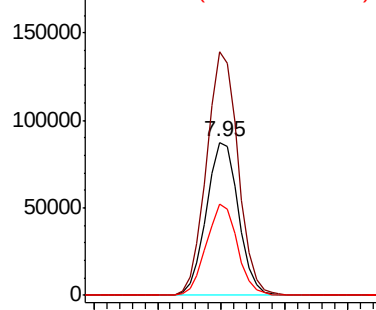
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044049.D
Acq: 14 Jan 2020 23:21

Instrument :
BNA_G
ClientSampleId :
BU-RO-258

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	127.0	190.4
115	59.2	47.8	71.8



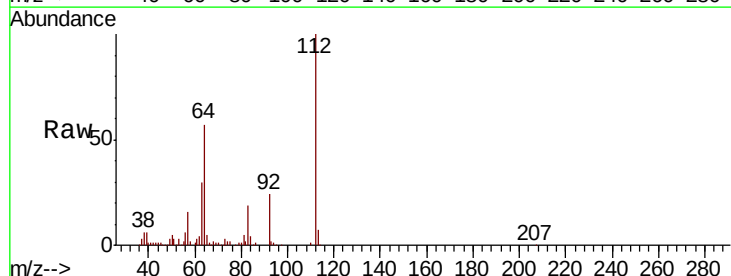
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



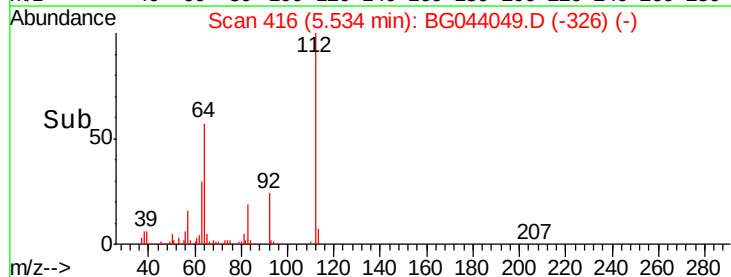
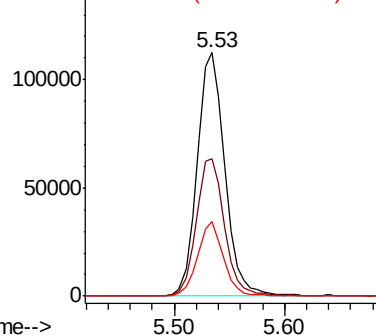
#5

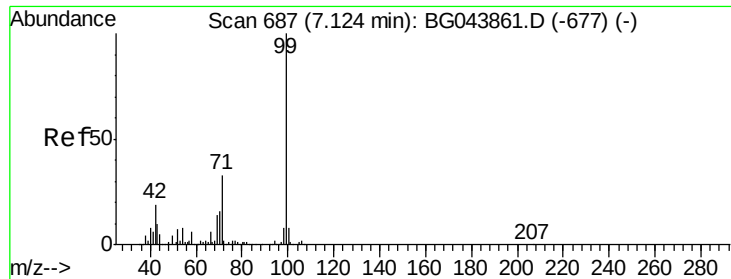
2-Fluorophenol
Concen: 23.798 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG044049.D
Acq: 14 Jan 2020 23:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	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: 23.754 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044049.D

Acq: 14 Jan 2020 23:21

Instrument :

BNA_G

ClientSampleId :

BU-RO-258

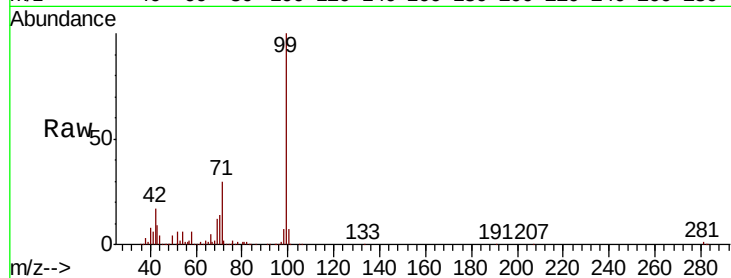
Tot Ion: 99 Resp: 275742

Ion Ratio Lower Upper

99 100

42 16.8 14.9 22.3

71 29.8 26.4 39.6

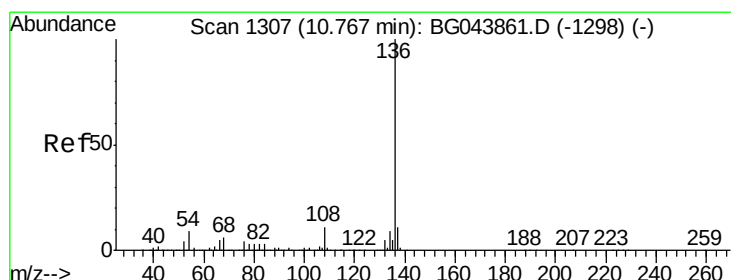
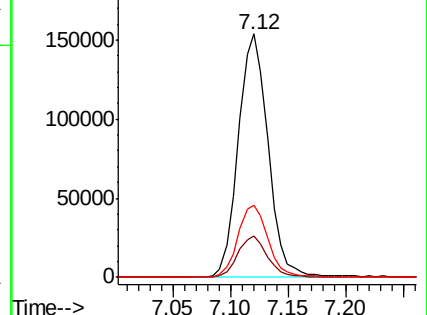
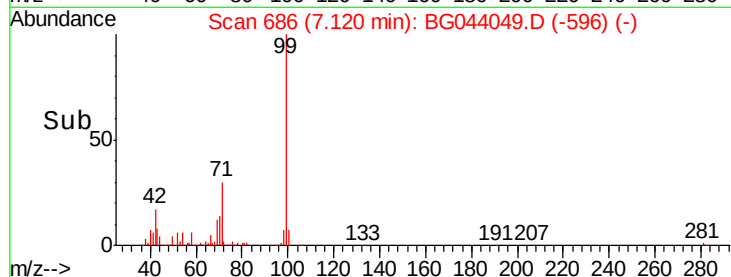


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044049.D

Acq: 14 Jan 2020 23:21

Tgt Ion: 136 Resp: 623466

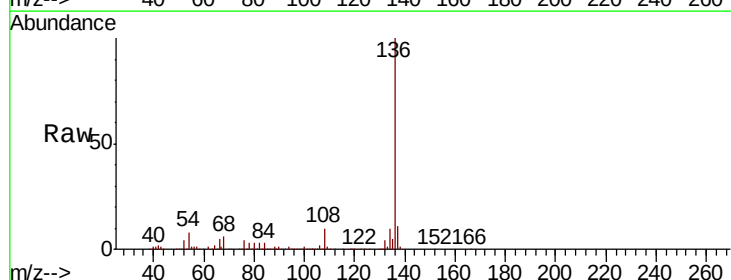
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.8 7.0 10.4

68 6.4 4.9 7.3



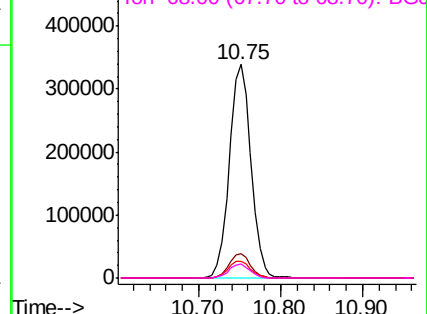
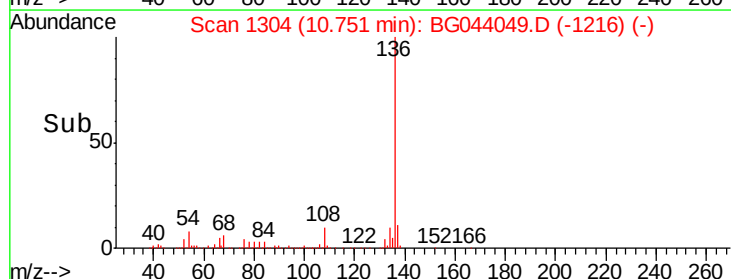
Abundance

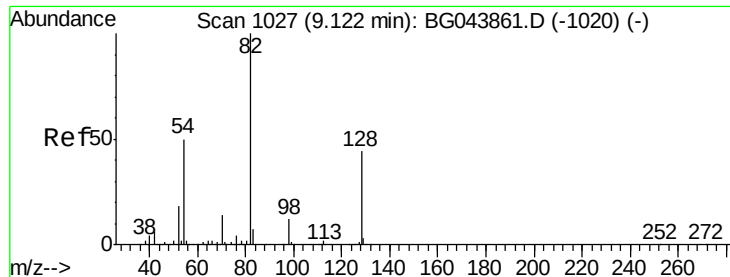
Ion 136.00 (135.70 to 136.70): BGC

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

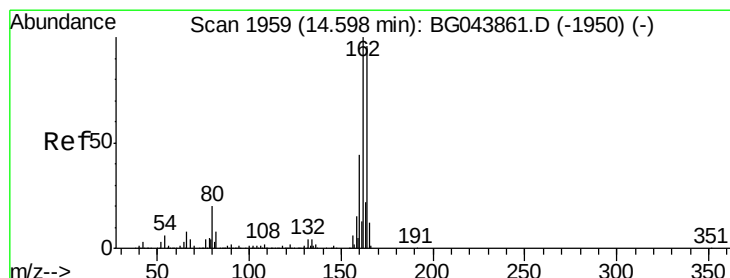
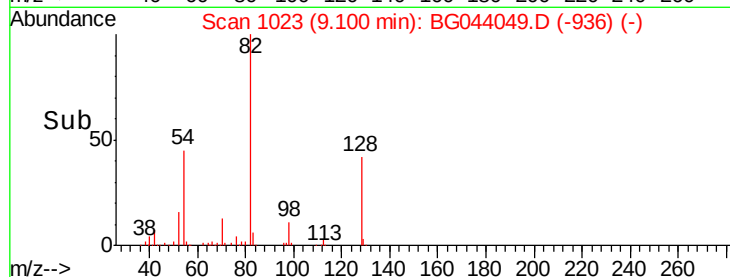
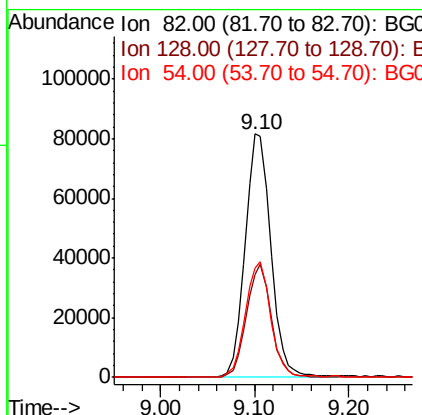
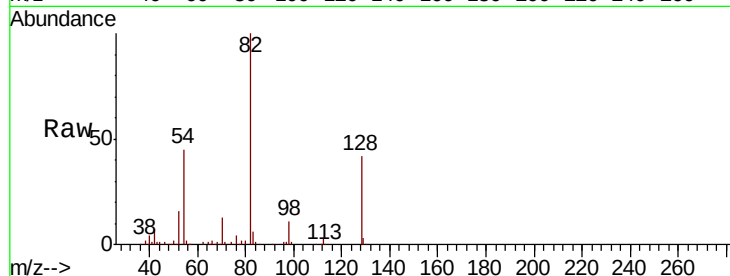




#23
 Nitrobenzene-d5
 Concen: 13.284 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG044049.D
 Acq: 14 Jan 2020 23:21

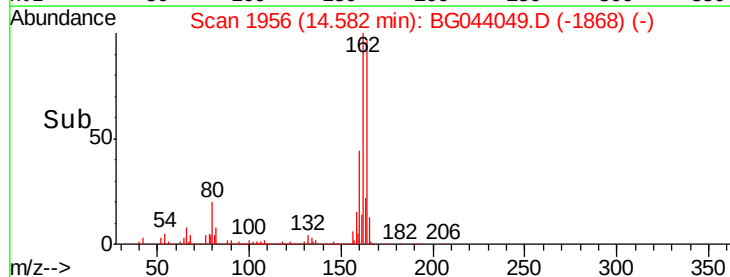
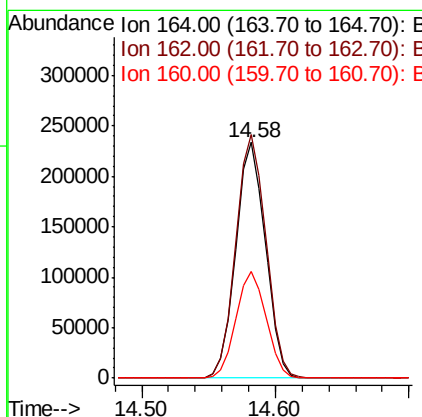
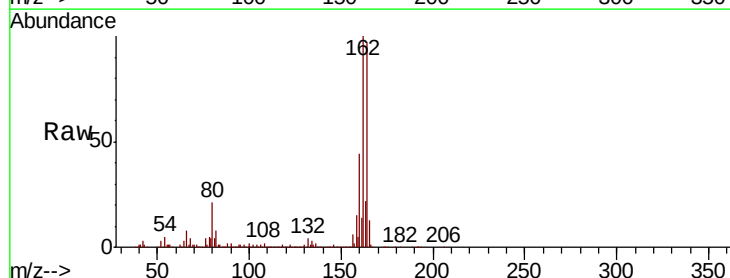
Instrument :
 BNA_G
 ClientSampleId :
 BU-RO-258

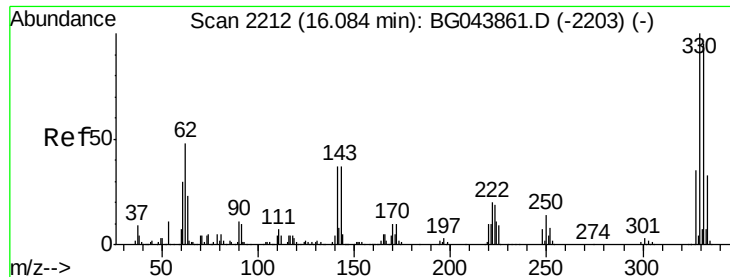
Tot Ion	82	Resp	154822
Ion Ratio	Lower	Upper	
82	100		
128	42.2	35.1	52.7
54	44.8	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BG044049.D
 Acq: 14 Jan 2020 23:21

Tgt Ion	164	Resp	360672
Ion Ratio	Lower	Upper	
164	100		
162	103.5	83.0	124.4
160	45.4	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 20.553 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044049.D

Acq: 14 Jan 2020 23:21

Instrument :

BNA_G

ClientSampleId :

BU-RO-258

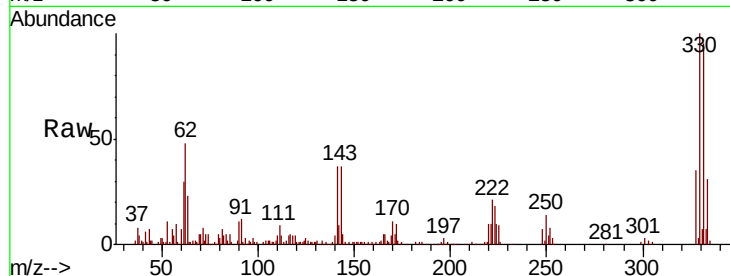
Tot Ion:330 Resp: 77575

Ion Ratio Lower Upper

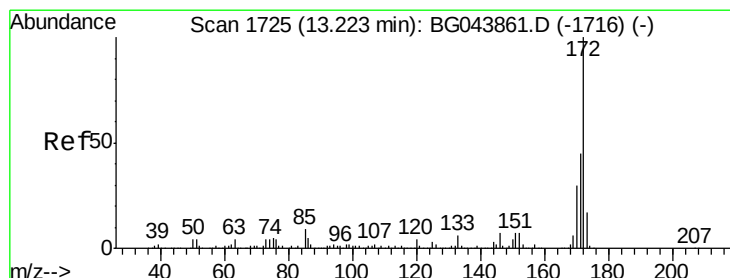
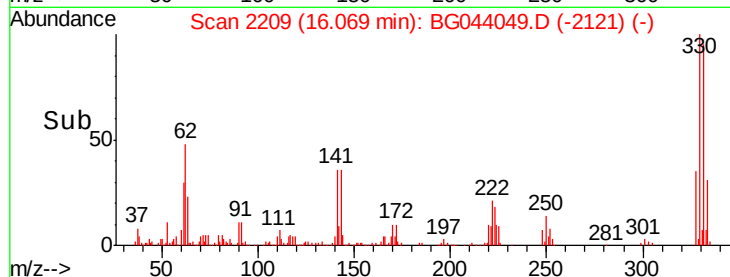
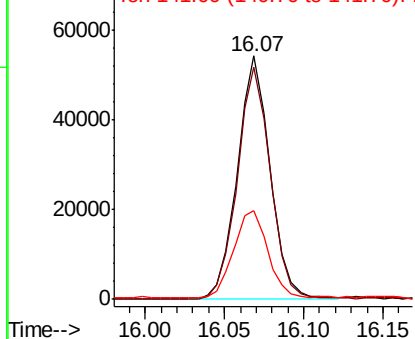
330 100

332 96.7 77.2 115.8

141 37.2 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: 17.526 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.02 min

Lab File: BG044049.D

Acq: 14 Jan 2020 23:21

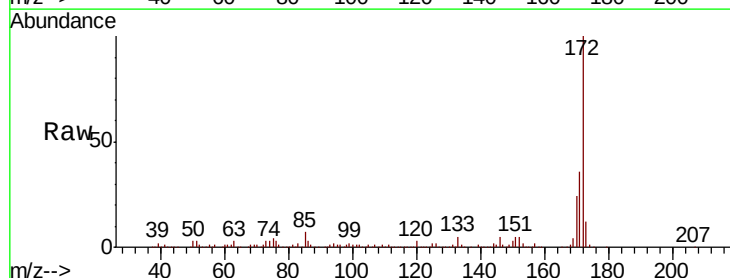
Tgt Ion:172 Resp: 348900

Ion Ratio Lower Upper

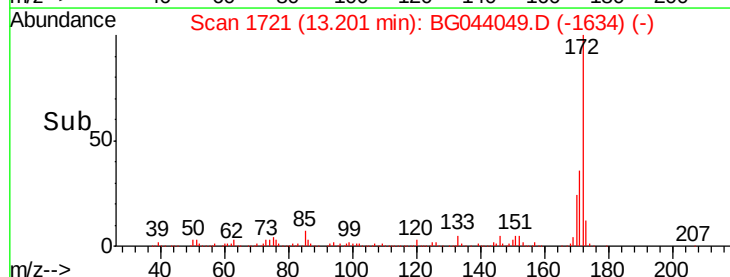
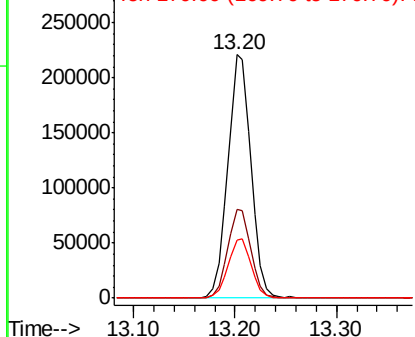
172 100

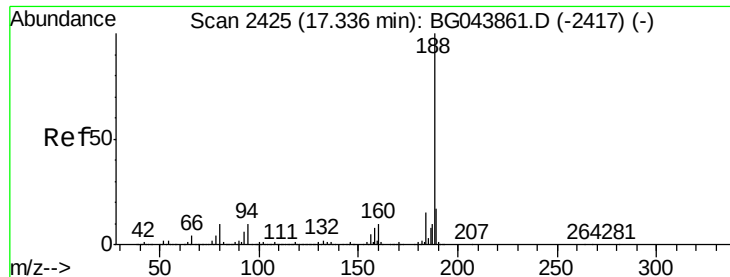
171 36.5 35.8 53.8

170 23.7 24.2 36.4#



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: 17.33 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG044049.D

Acq: 14 Jan 2020 23:21

Instrument :

BNA_G

ClientSampleId :

BU-RO-258

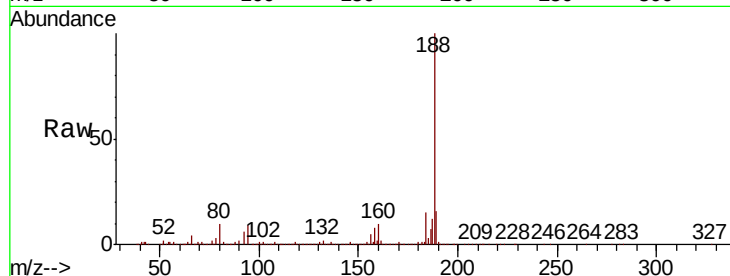
Tot Ion:188 Resp: 682078

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

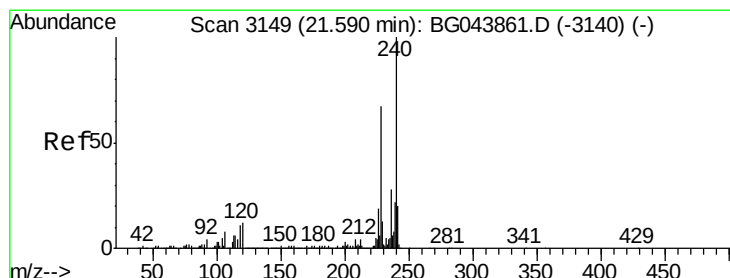
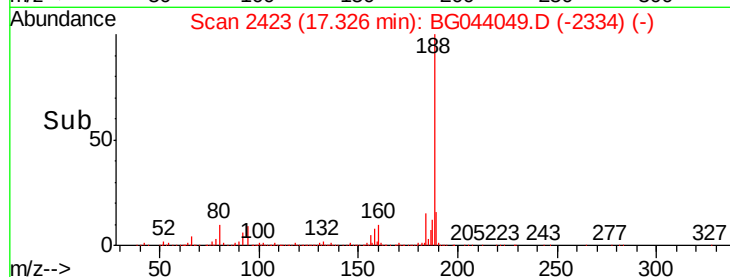
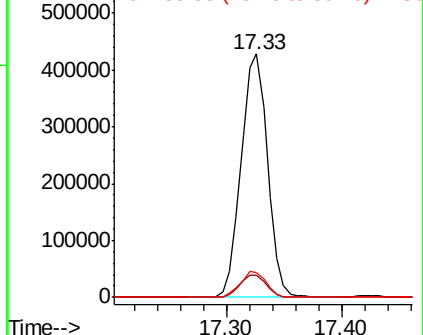
80 10.4 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG044049.D

Acq: 14 Jan 2020 23:21

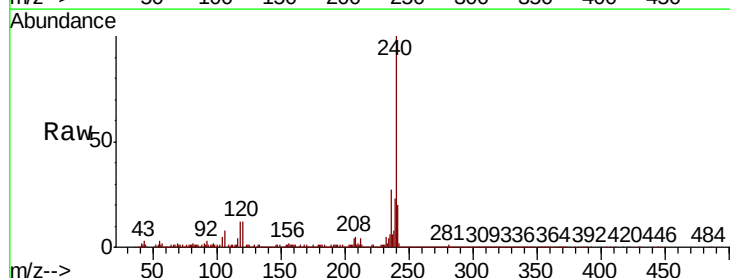
Tgt Ion:240 Resp: 573113

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

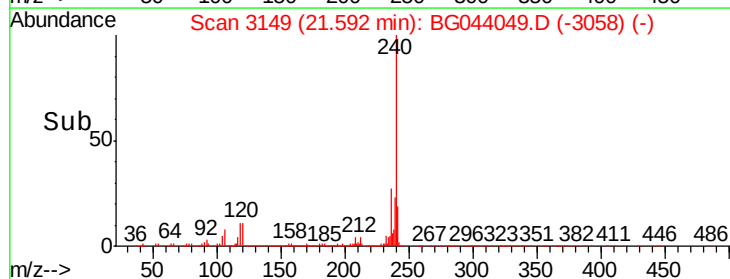
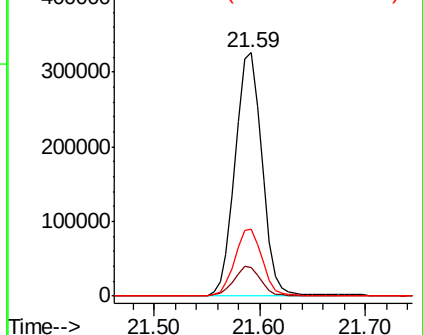
236 27.4 22.2 33.2

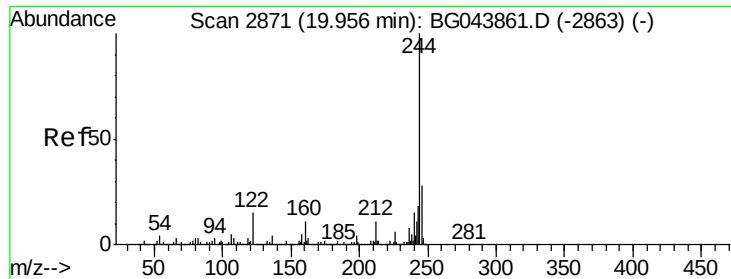


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 8.772 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044049.D

Acq: 14 Jan 2020 23:21

Instrument :

BNA_G

ClientSampleId :

BU-RO-258

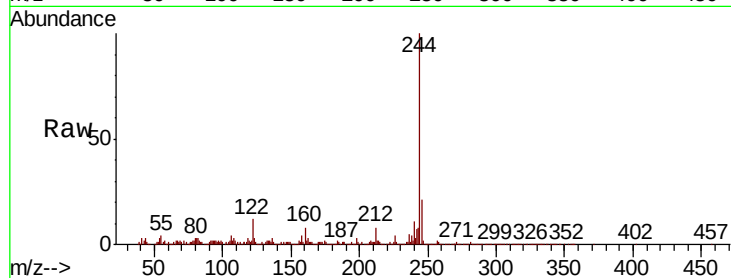
Tot Ion:244 Resp: 419719

Ion Ratio Lower Upper

244 100

212 7.6 8.6 13.0#

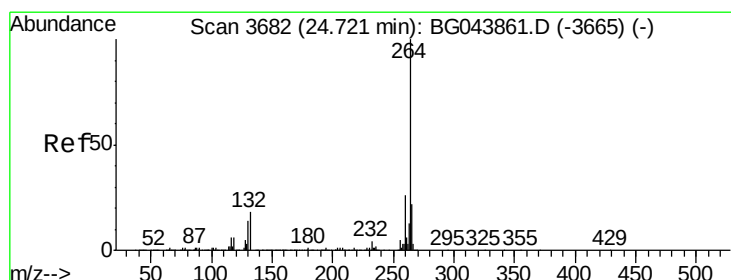
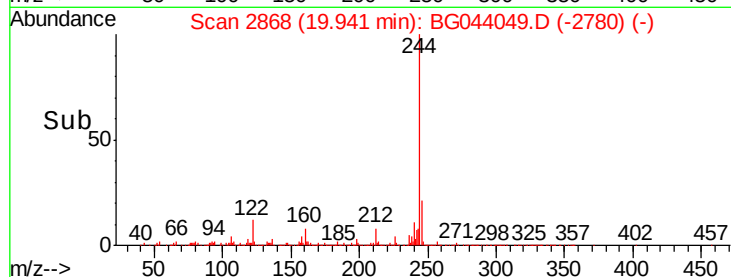
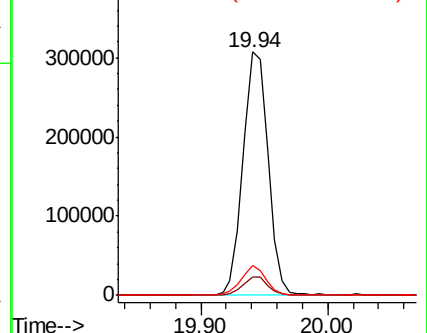
122 12.1 11.9 17.9



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: 24.83 min Scan# 3700

Delta R.T. 0.11 min

Lab File: BG044049.D

Acq: 14 Jan 2020 23:21

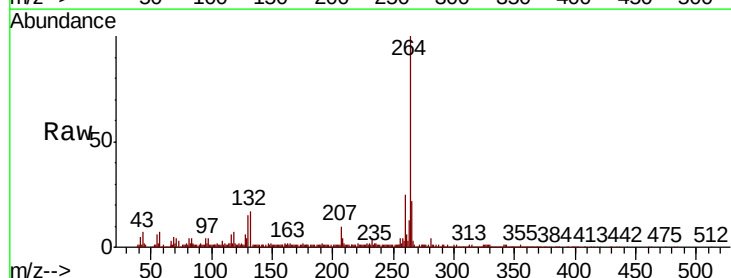
Tgt Ion:264 Resp: 659340

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 22.0 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

