

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044608.D
 Acq On : 26 Feb 2020 18:05
 Operator : CG/JU
 Sample : L1676-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-2

Quant Time: Feb 27 07:21:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	62819	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	253120	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	165203	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	406395	20.00	ng	0.00
76) Chrysene-d12	21.50	240	411978	20.00	ng	0.00
87) Perylene-d12	24.56	264	435954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	491095	125.43	ng	0.00
7) Phenol-d6	7.05	99	561728	104.81	ng	0.00
23) Nitrobenzene-d5	9.03	82	424342	86.37	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	310059	132.37	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	967706	83.88	ng	0.00
79) Terphenyl-d14	19.88	244	1770713	81.37	ng	0.00

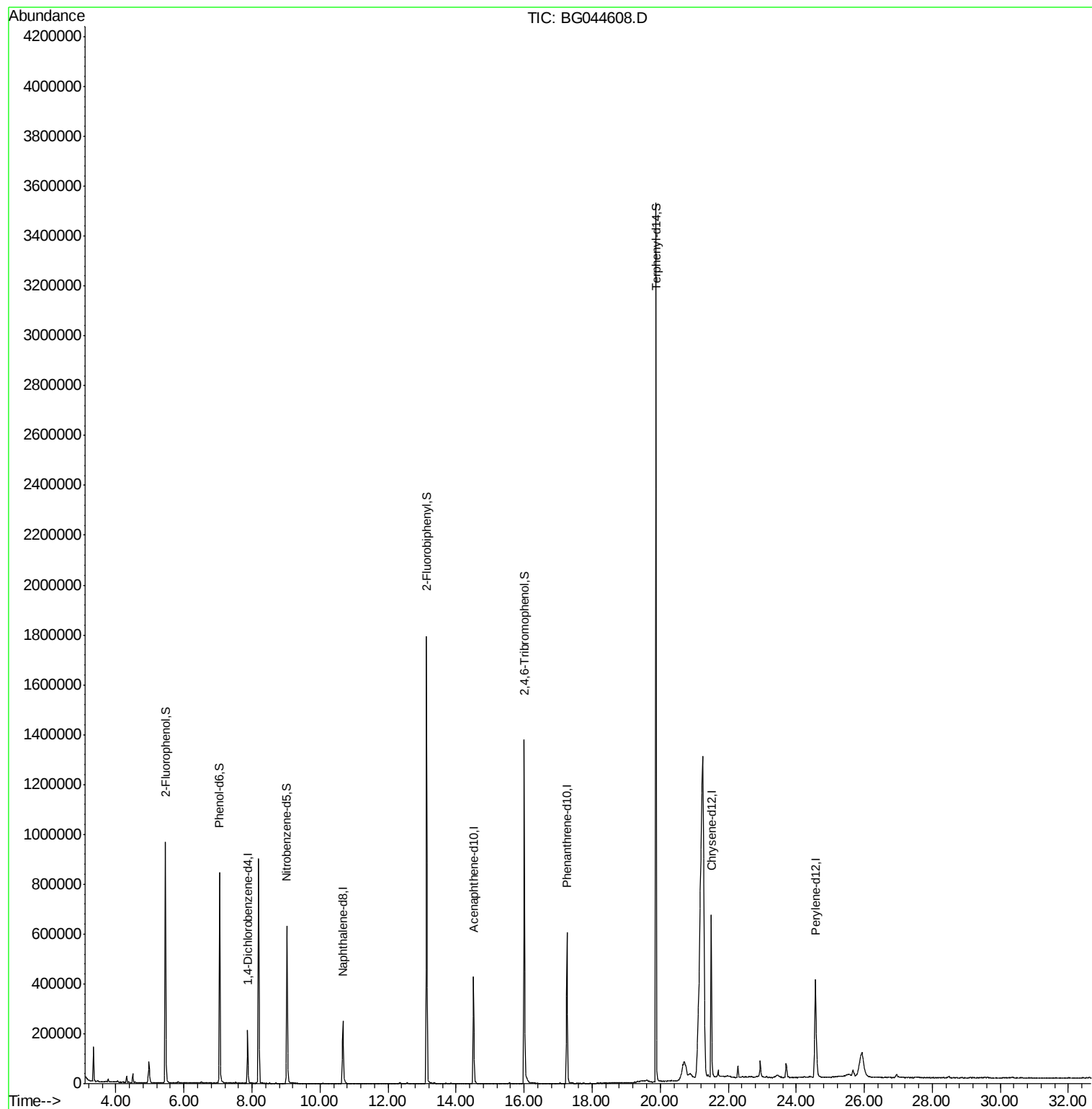
Target Compounds Qvalue

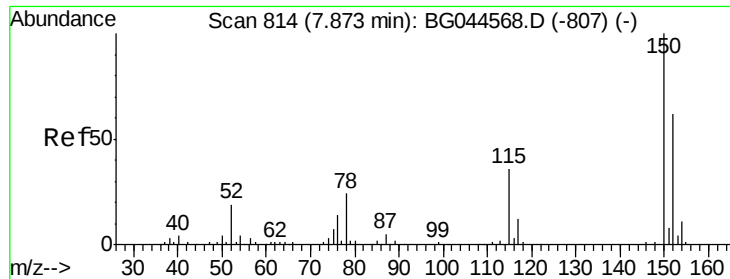
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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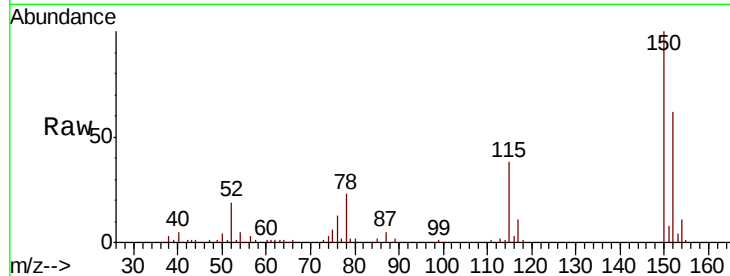


#1

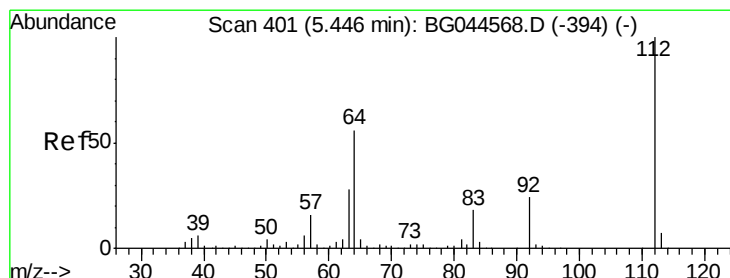
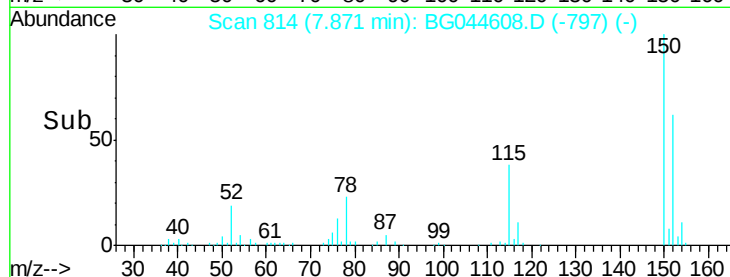
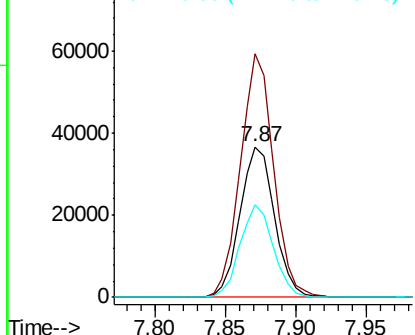
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044608.D
Acq: 26 Feb 2020 18:05

Instrument :
BNA_G
ClientSampleId :
RO-1-2

Tot Ion:152 Resp: 62819
Ion Ratio Lower Upper
152 100
150 161.8 128.9 193.3
115 61.5 47.0 70.4



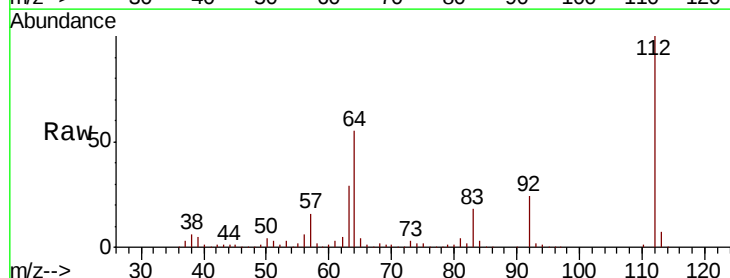
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



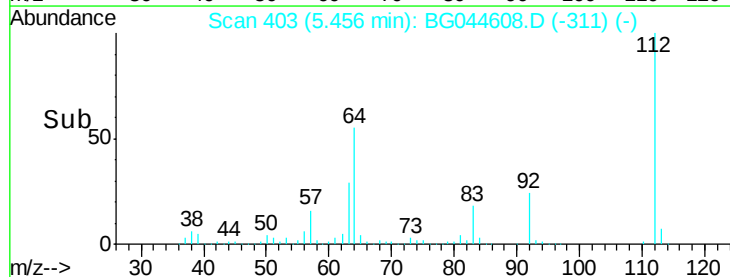
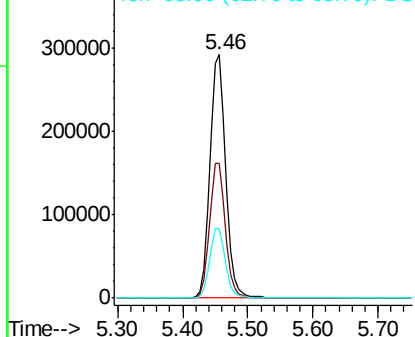
#5

2-Fluorophenol
Concen: 125.431 ng
RT: 5.46 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG044608.D
Acq: 26 Feb 2020 18:05

Tgt Ion:112 Resp: 491095
Ion Ratio Lower Upper
112 100
64 55.2 44.8 67.2
63 28.5 22.3 33.5



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





#7

Phenol-d6

Concen: 104.815 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

Instrument :

BNA_G

ClientSampleId :

RO-1-2

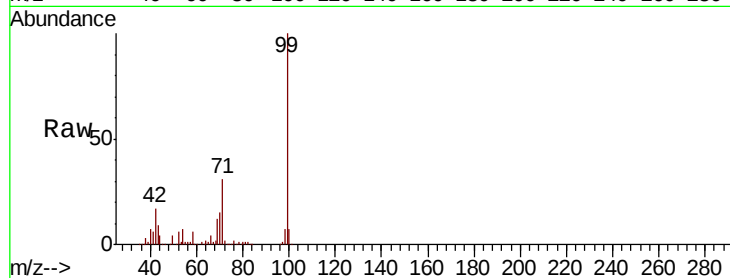
Tot Ion: 99 Resp: 561728

Ion Ratio Lower Upper

99 100

42 16.9 12.8 19.2

71 30.5 24.4 36.6



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

7.05

400000

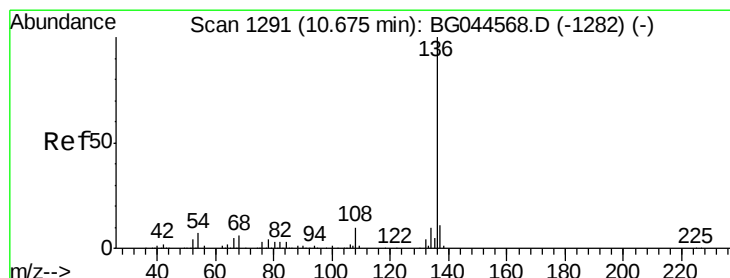
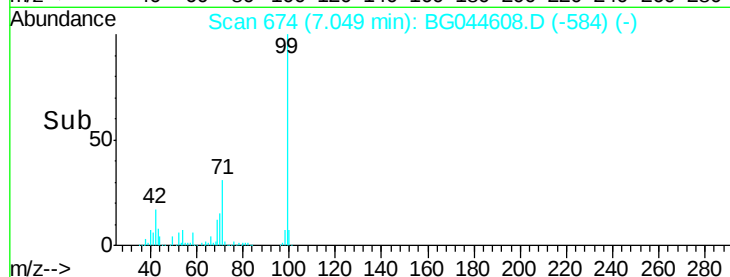
300000

200000

100000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

Tgt Ion: 136 Resp: 253120

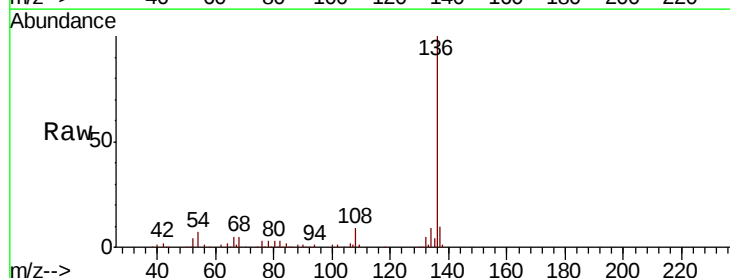
Ion Ratio Lower Upper

136 100

137 10.2 8.8 13.2

54 6.8 5.7 8.5

68 5.2 4.5 6.7



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

200000

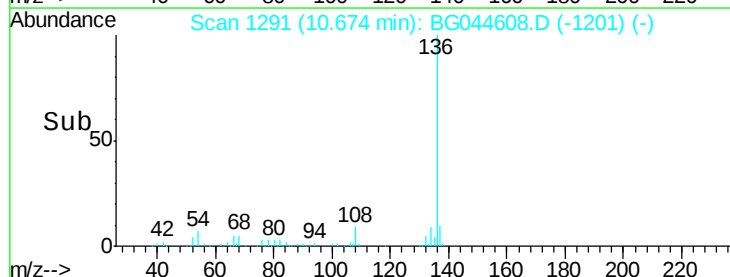
150000

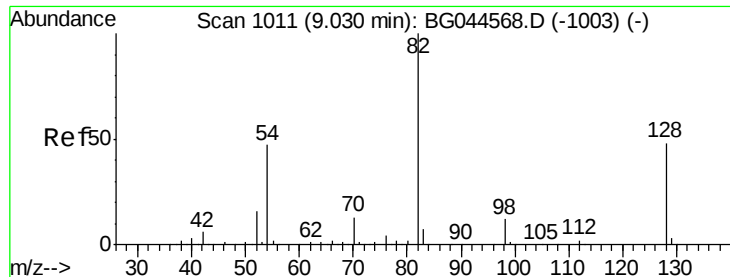
100000

50000

0

Time-->

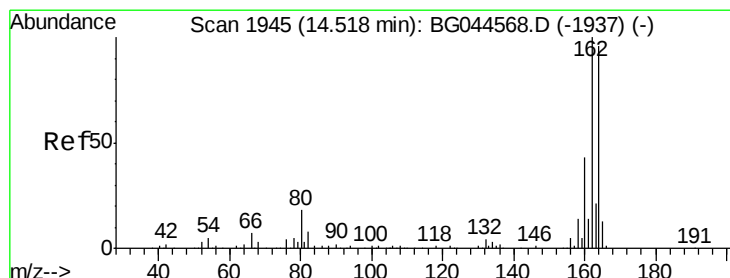
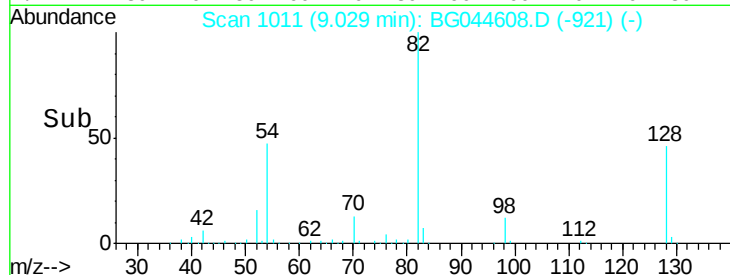
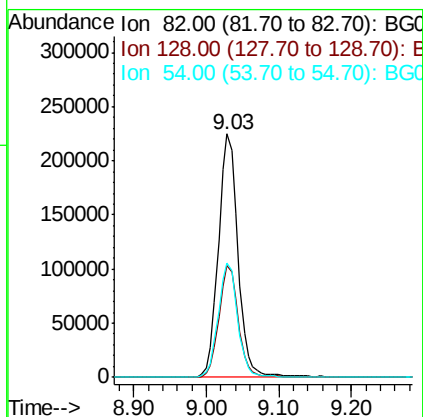
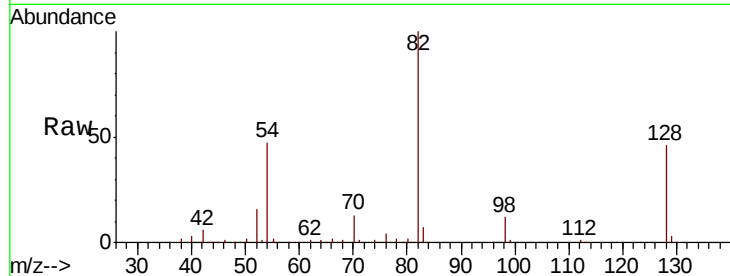




#23
Nitrobenzene-d5
Concen: 86.368 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044608.D
Acq: 26 Feb 2020 18:05

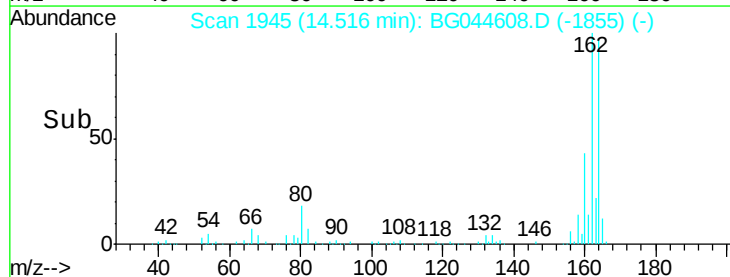
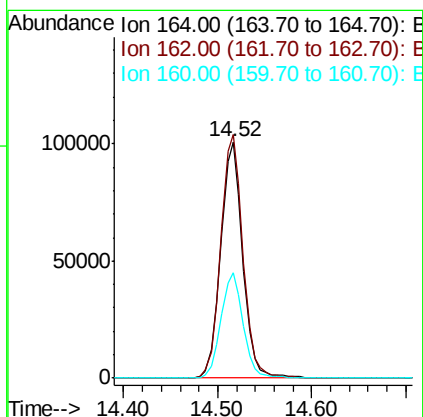
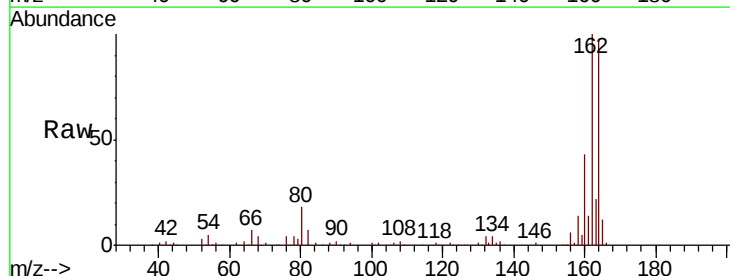
Instrument :
BNA_G
ClientSampleId :
RO-1-2

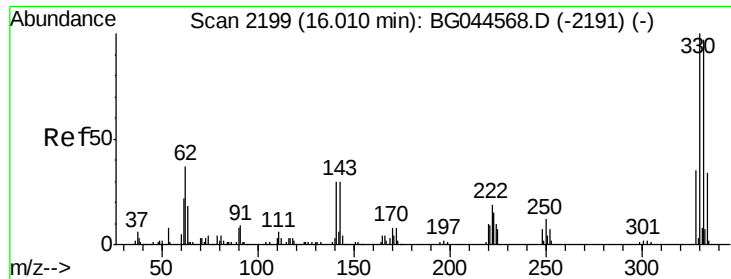
Tot Ion: 82 Resp: 424342
Ion Ratio Lower Upper
82 100
128 46.1 38.1 57.1
54 46.8 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044608.D
Acq: 26 Feb 2020 18:05

Tgt Ion:164 Resp: 165203
Ion Ratio Lower Upper
164 100
162 103.1 83.6 125.4
160 44.7 36.2 54.4

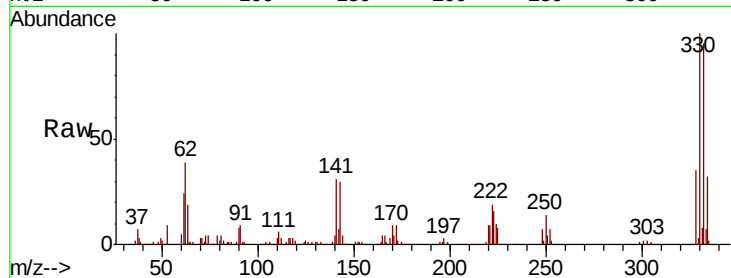




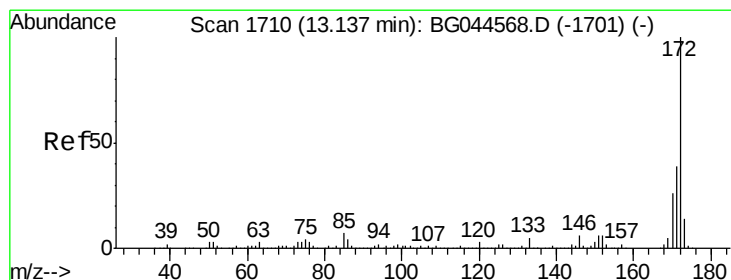
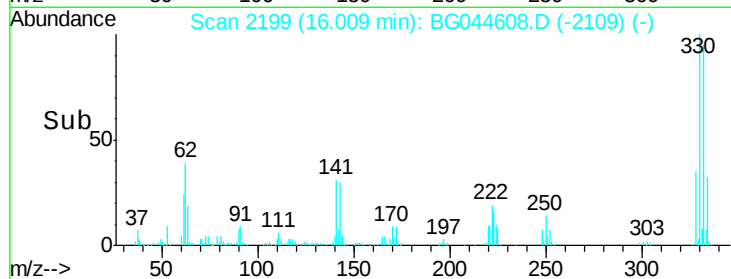
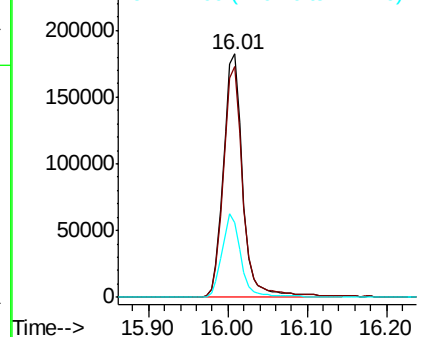
#42
 2,4,6-Tribromophenol
 Concen: 132.365 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG044608.D
 Acq: 26 Feb 2020 18:05

Instrument :
 BNA_G
 ClientSampled :
 RO-1-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.0
141	33.7	26.1	39.1

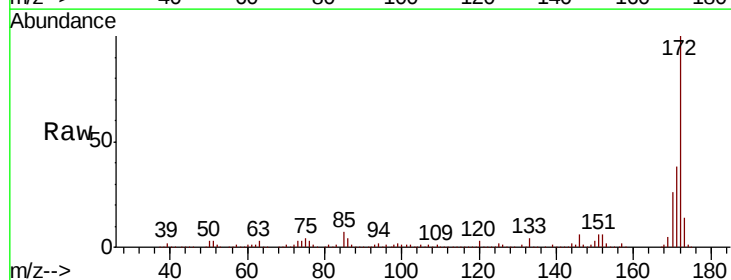


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

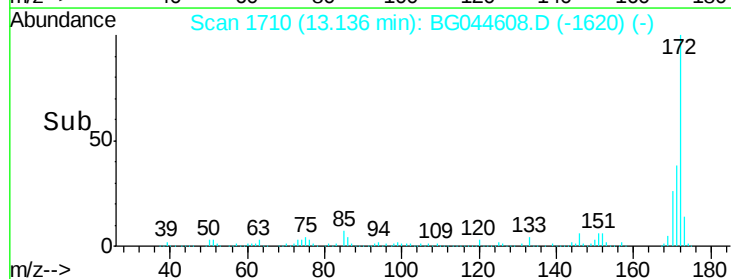
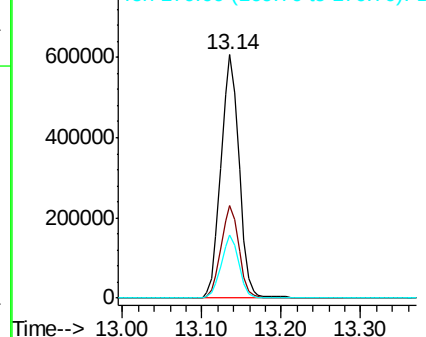


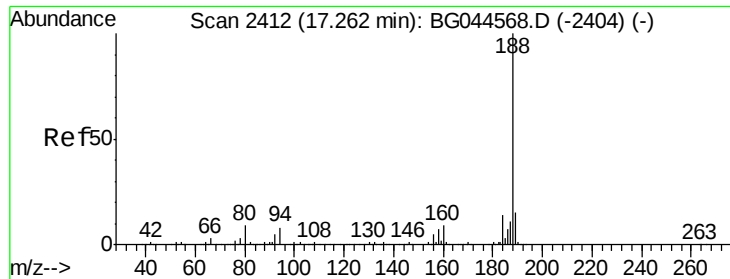
#45
 2-Fluorobiphenyl
 Concen: 83.881 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044608.D
 Acq: 26 Feb 2020 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	26.0	21.0	31.4



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: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

Instrument :

BNA_G

ClientSampleId :

RO-1-2

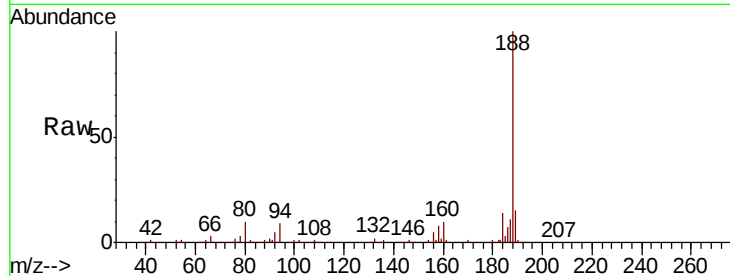
Tot Ion:188 Resp: 406395

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

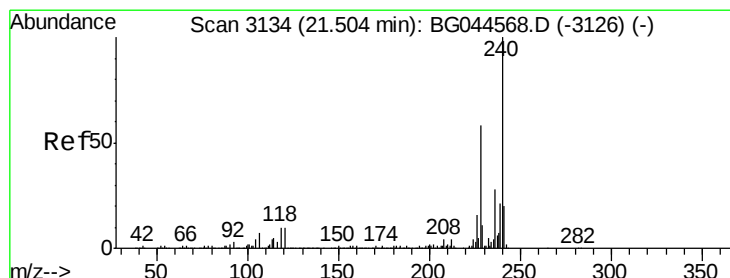
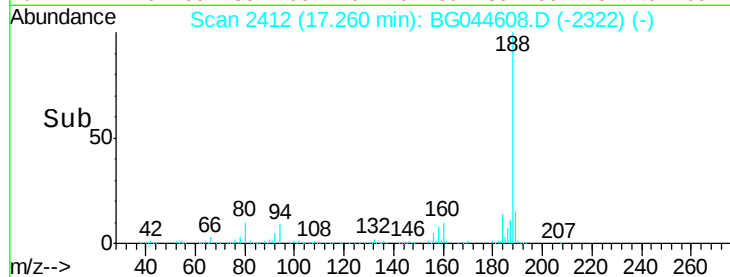
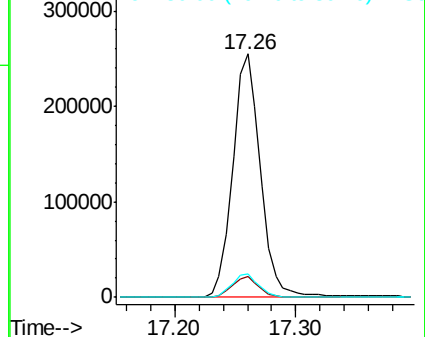
80 9.5 7.6 11.4



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: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

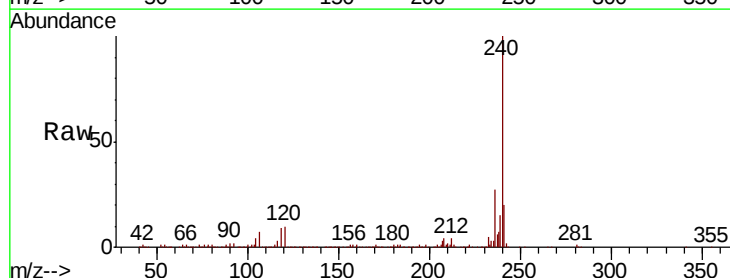
Tgt Ion:240 Resp: 411978

Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

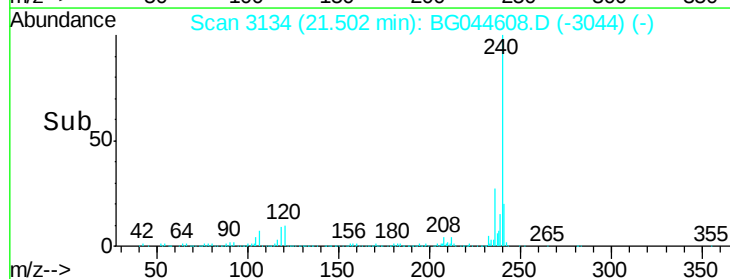
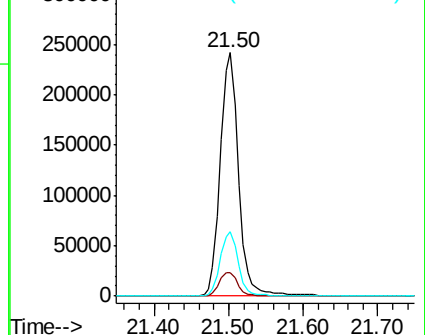
236 26.7 22.3 33.5

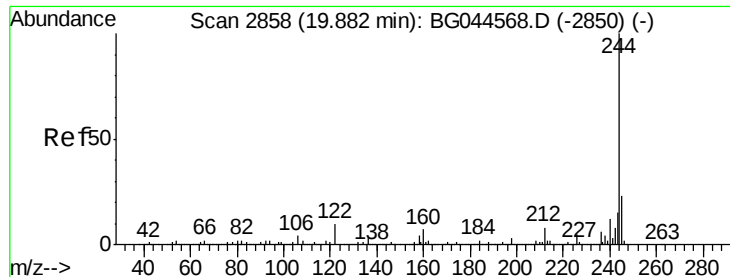


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.365 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

Instrument :

BNA_G

ClientSampleId :

RO-1-2

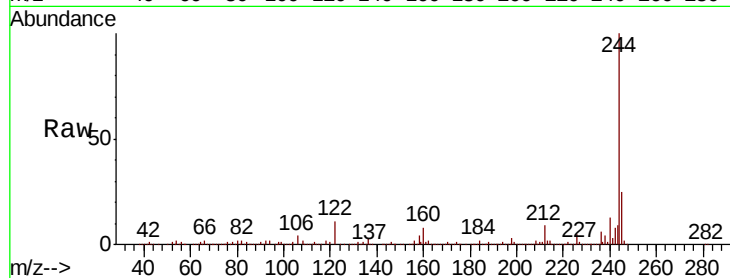
Tot Ion:244 Resp: 1770713

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

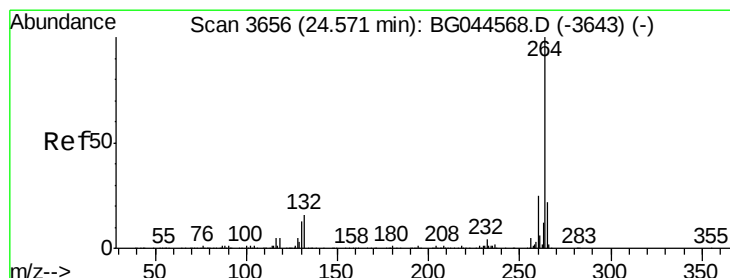
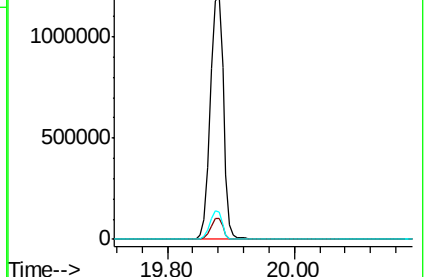
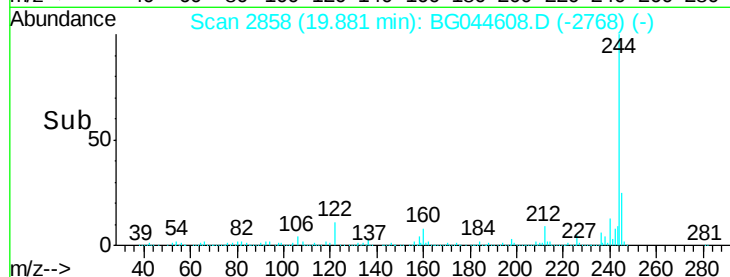
122 11.3 8.2 12.4



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: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

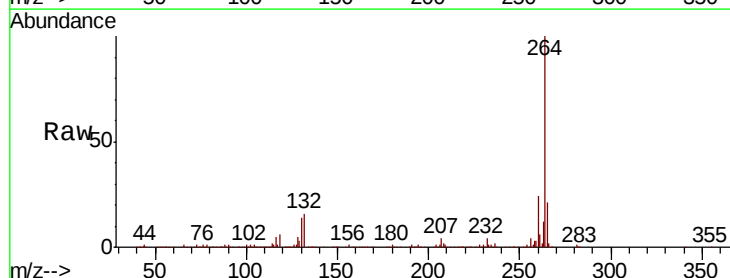
Tgt Ion:264 Resp: 435954

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.5 17.8 26.8



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

