

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022425.D
 Acq On : 18 Jun 2016 15:59
 Operator : UM/SJ
 Sample : H3607-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-003

Quant Time: Jun 20 01:22:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	22955	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	111756	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	76939	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	170197	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	140502	20.00	ng	-0.05
86) Perylene-d12	24.92	264	128360	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	90393	76.14	ng	-0.04
7) Phenol-d6	7.23	99	75785	40.60	ng	-0.02
23) Nitrobenzene-d5	9.22	82	153209	95.58	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	102744	118.18	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	454724	90.07	ng	-0.04
78) Terphenyl-d14	20.02	244	568857	96.12	ng	-0.04

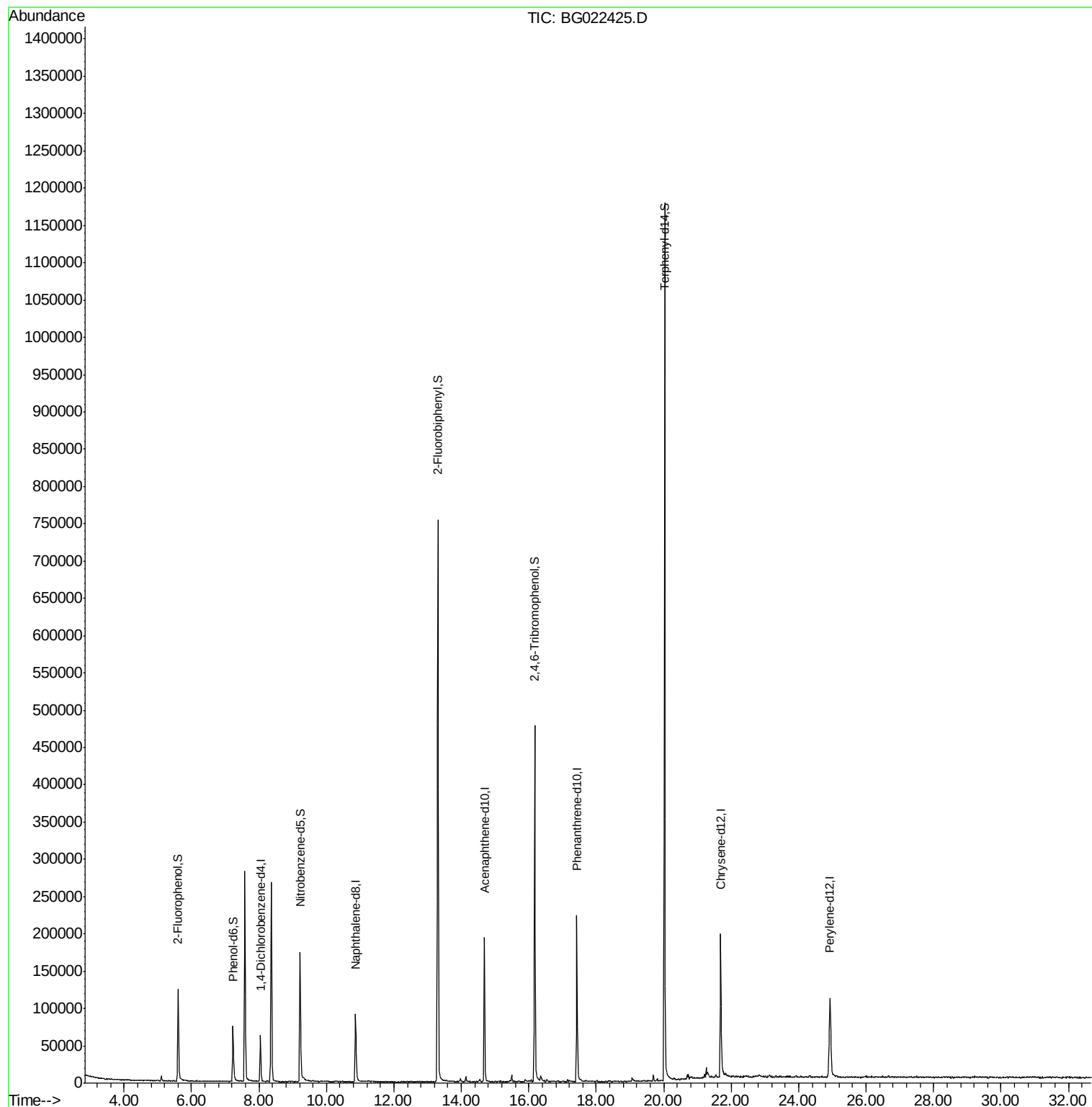
Target Compounds	Qvalue
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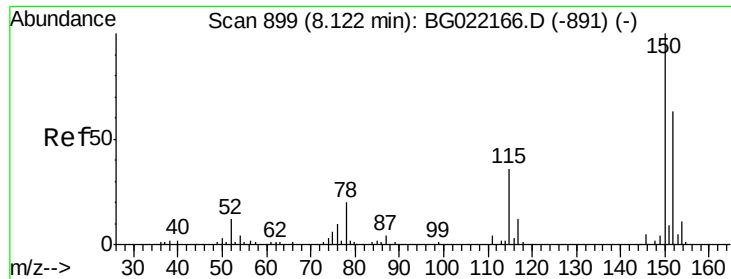
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.05 min

Lab File: BG022425.D

Acq: 18 Jun 2016 15:59

Instrument :

BNA_G

ClientSampled :

PE-003

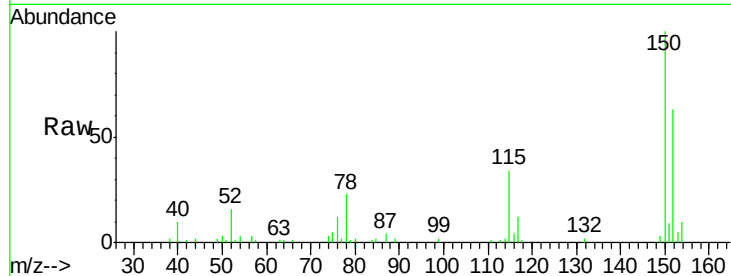
Tgt Ion:152 Resp: 22955

Ion Ratio Lower Upper

152 100

150 159.0 130.1 195.1

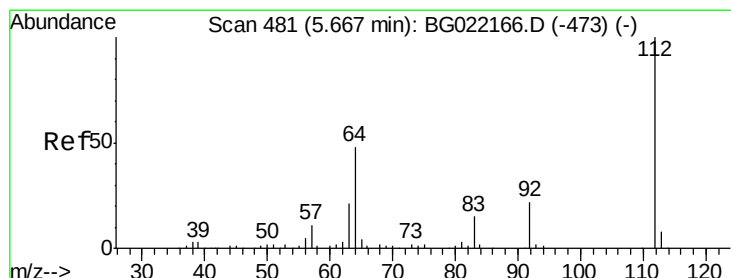
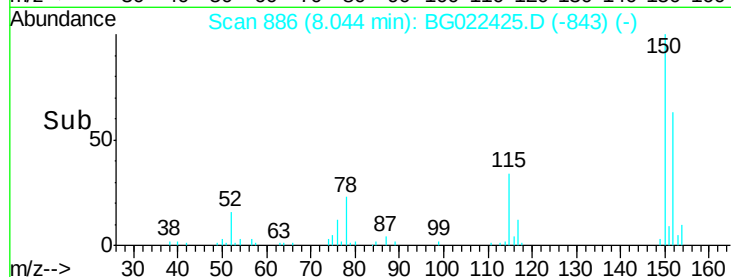
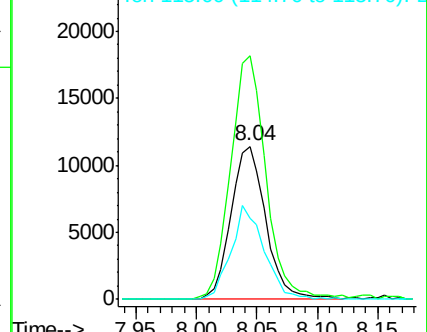
115 53.3 62.2 93.2#



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: 76.14 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.04 min

Lab File: BG022425.D

Acq: 18 Jun 2016 15:59

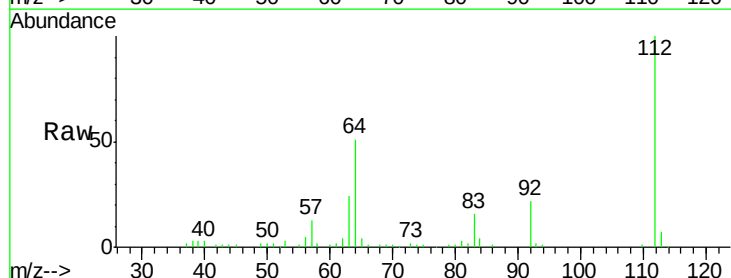
Tgt Ion:112 Resp: 90393

Ion Ratio Lower Upper

112 100

64 50.5 51.1 76.7#

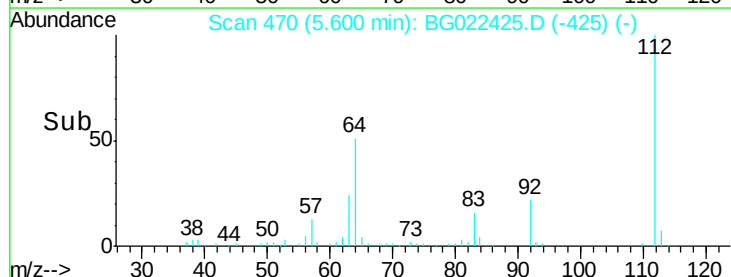
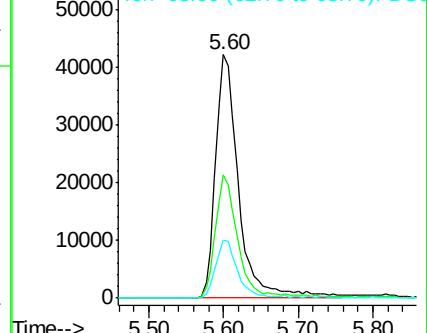
63 24.0 24.6 37.0#

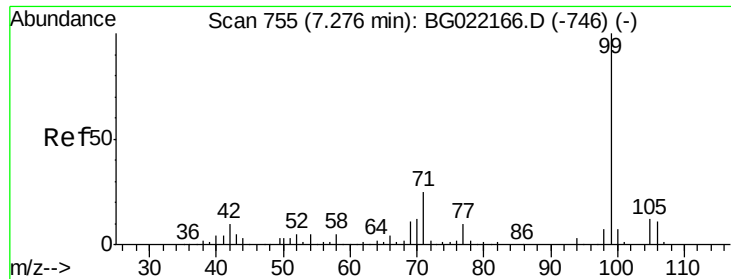


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.60 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022425.D

Acq: 18 Jun 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PE-003

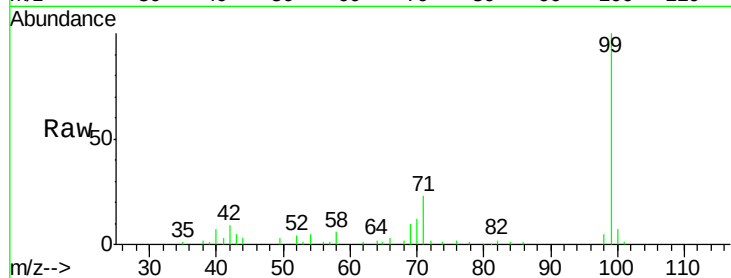
Tgt Ion: 99 Resp: 75785

Ion Ratio Lower Upper

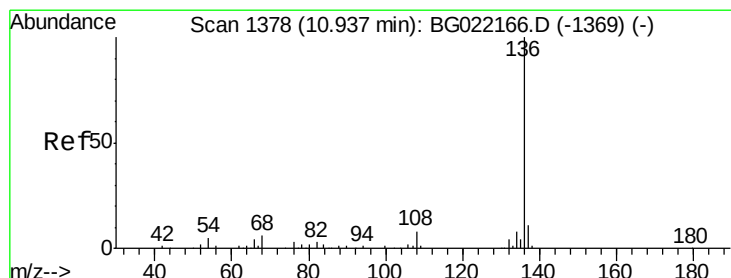
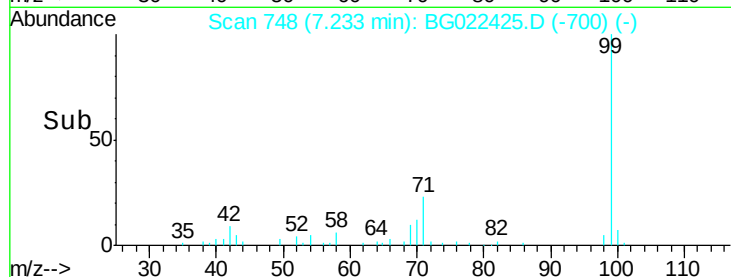
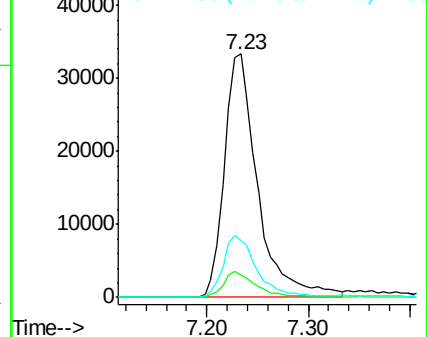
99 100

42 9.3 16.4 24.6#

71 23.1 25.0 37.4#



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: 20.00 ng

RT: 10.86 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022425.D

Acq: 18 Jun 2016 15:59

Tgt Ion: 136 Resp: 111756

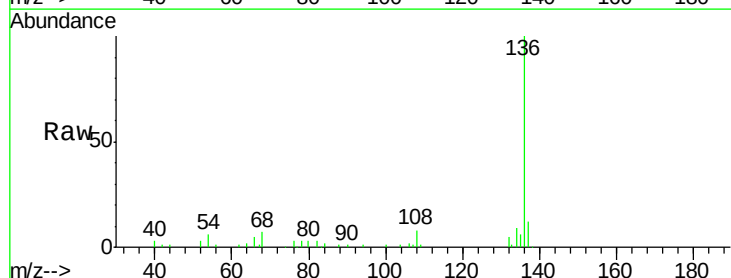
Ion Ratio Lower Upper

136 100

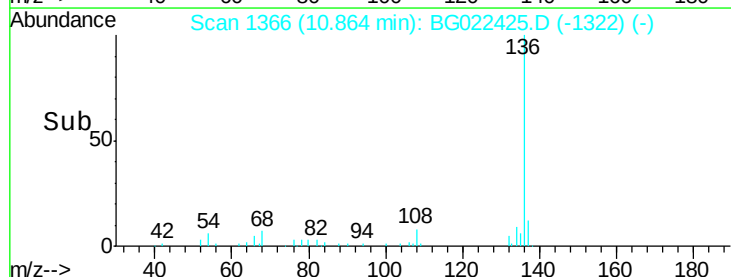
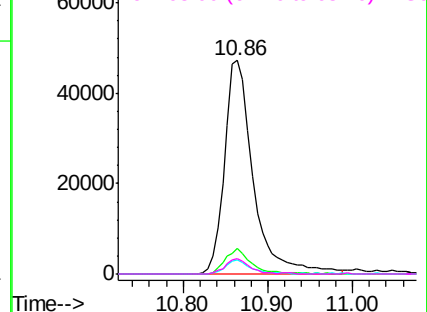
137 12.0 9.0 13.4

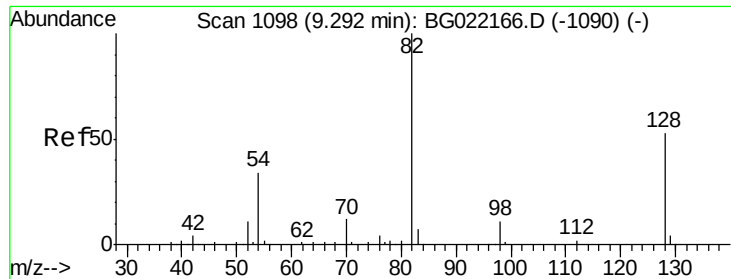
54 6.3 9.6 14.4#

68 7.4 6.4 9.6



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

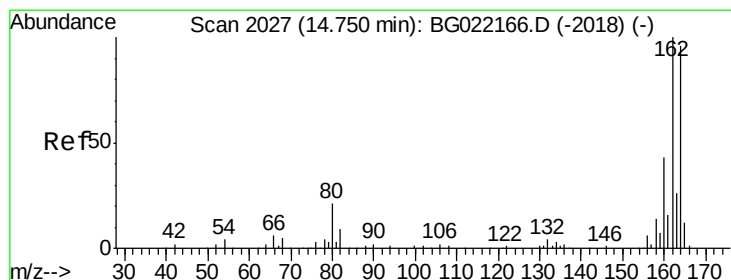
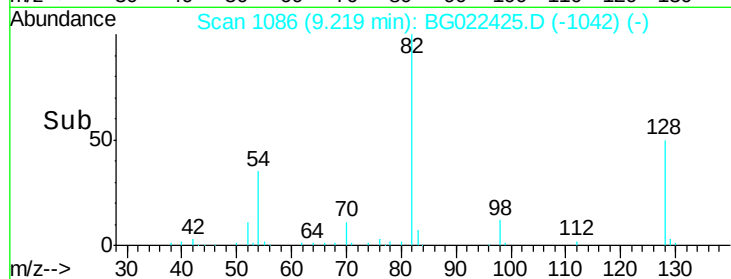
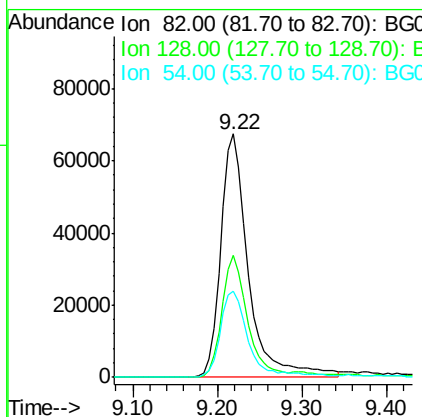
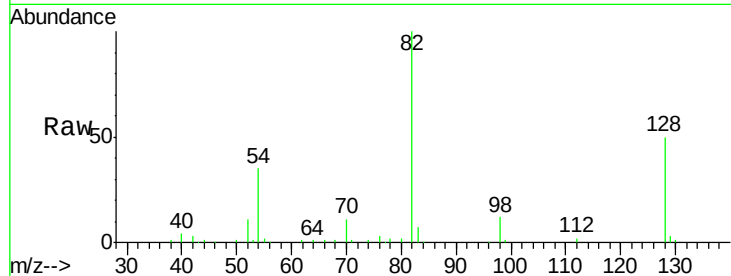




#23
 Nitrobenzene-d5
 Concen: 95.58 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.04 min
 Lab File: BG022425.D
 Acq: 18 Jun 2016 15:59

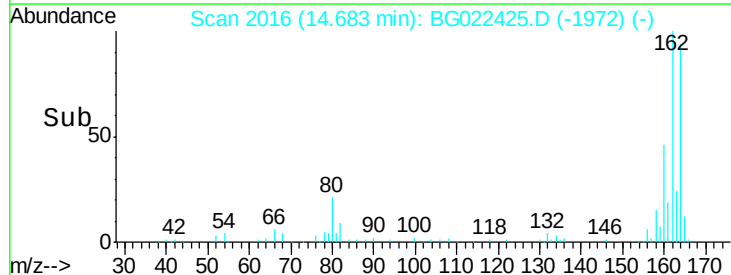
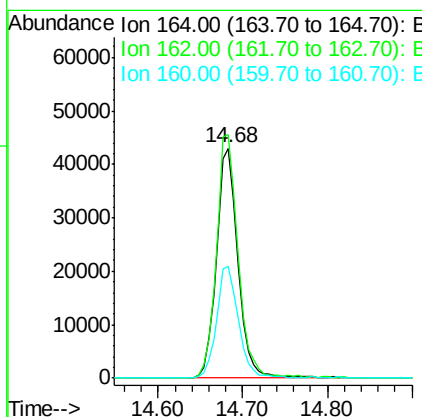
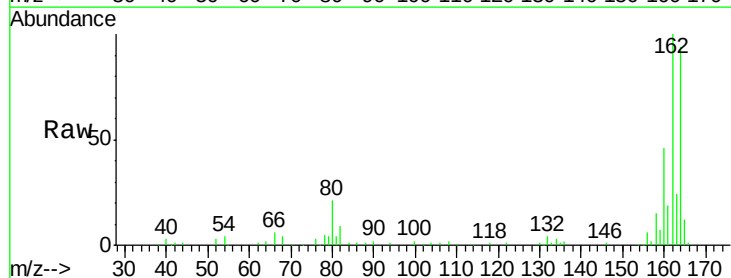
Instrument :
 BNA_G
 ClientSampled :
 PE-003

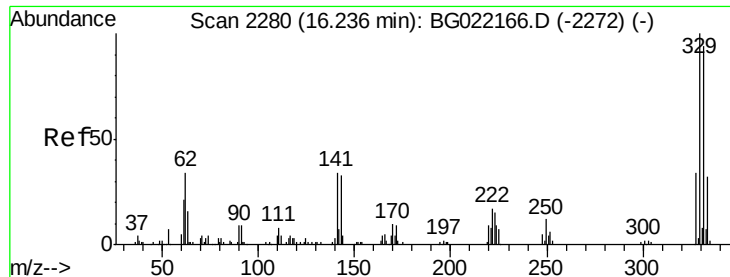
Tgt Ion: 82 Resp: 153209
 Ion Ratio Lower Upper
 82 100
 128 49.9 33.4 50.0
 54 35.5 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 2016
 Delta R.T. -0.04 min
 Lab File: BG022425.D
 Acq: 18 Jun 2016 15:59

Tgt Ion: 164 Resp: 76939
 Ion Ratio Lower Upper
 164 100
 162 105.9 78.0 117.0
 160 48.9 32.9 49.3





#41

2,4,6-Tribromophenol

Concen: 118.18 ng

RT: 16.18 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BG022425.D

Acq: 18 Jun 2016 15:59

Instrument :

BNA_G

ClientSampleId :

PE-003

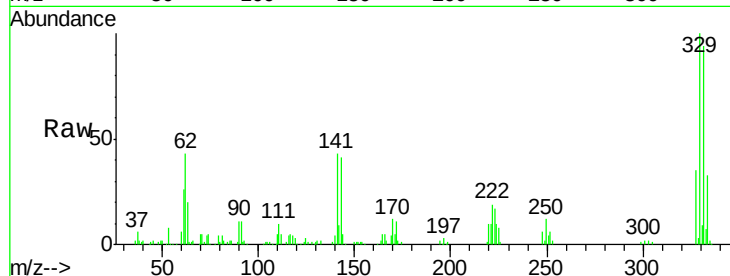
Tgt Ion:330 Resp: 102744

Ion Ratio Lower Upper

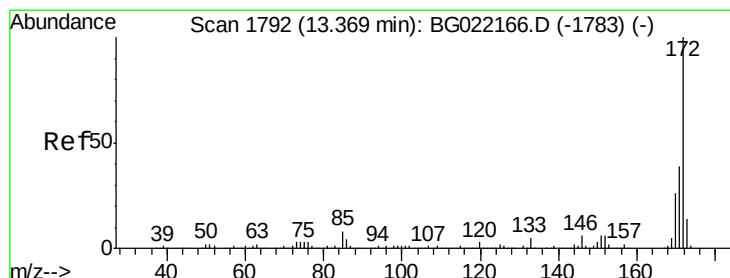
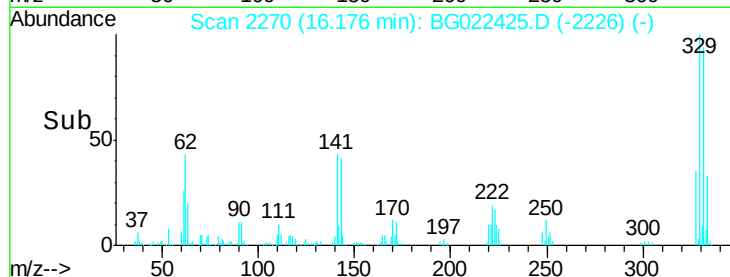
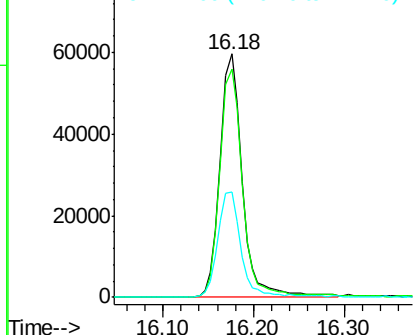
330 100

332 93.6 78.0 117.0

141 44.3 33.8 50.8



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



#44

2-Fluorobiphenyl

Concen: 90.07 ng

RT: 13.30 min Scan# 1781

Delta R.T. -0.04 min

Lab File: BG022425.D

Acq: 18 Jun 2016 15:59

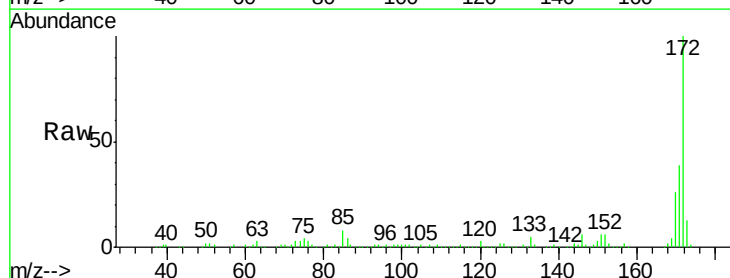
Tgt Ion:172 Resp: 454724

Ion Ratio Lower Upper

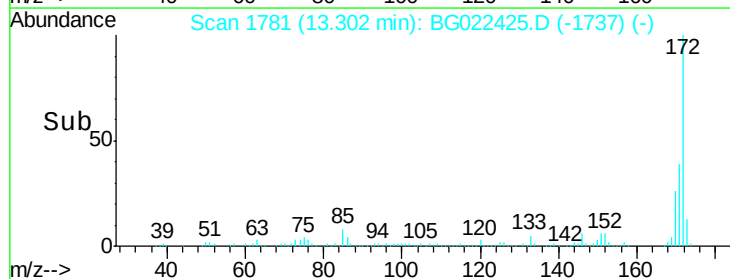
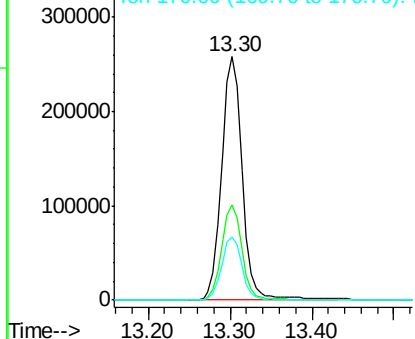
172 100

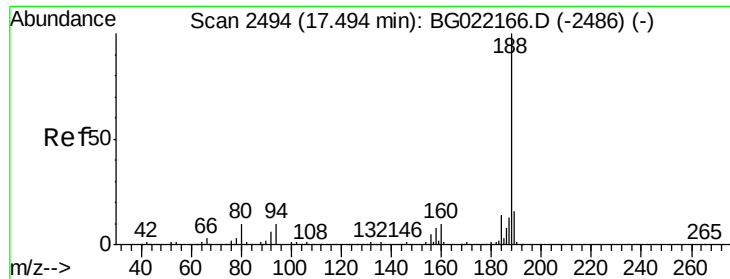
171 39.1 27.8 41.6

170 26.1 19.6 29.4



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

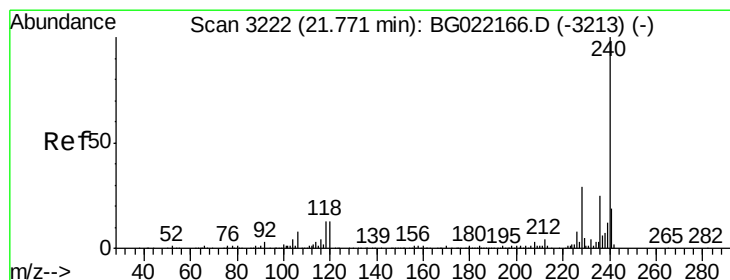
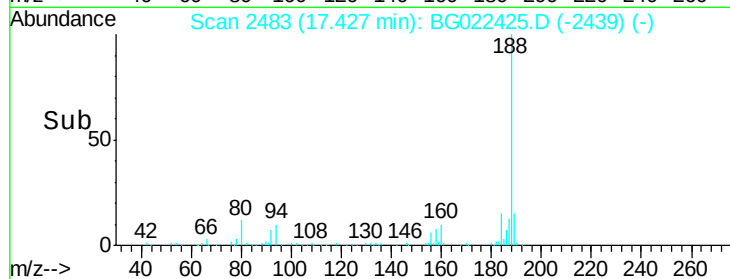
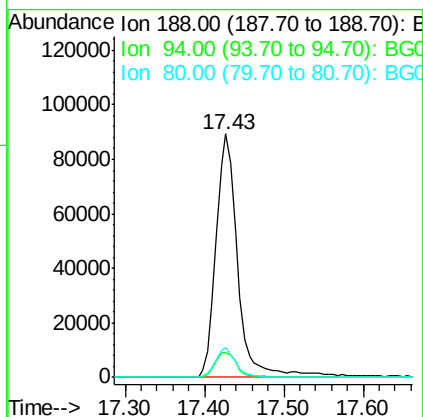
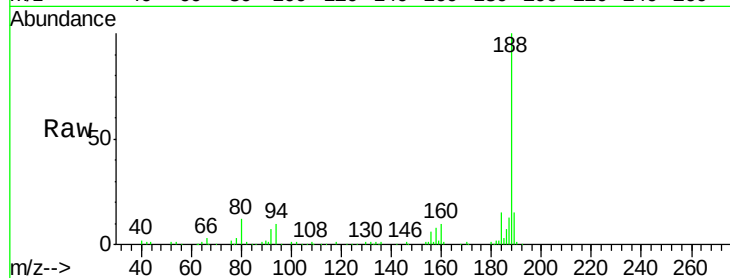




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG022425.D
Acq: 18 Jun 2016 15:59

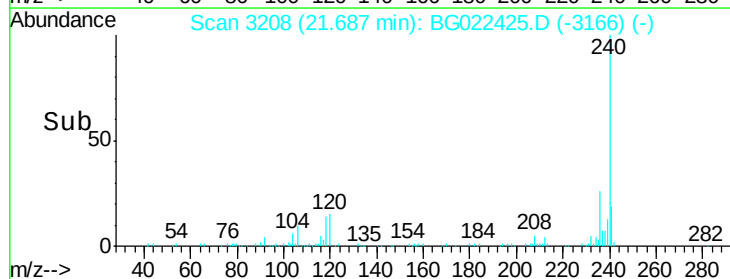
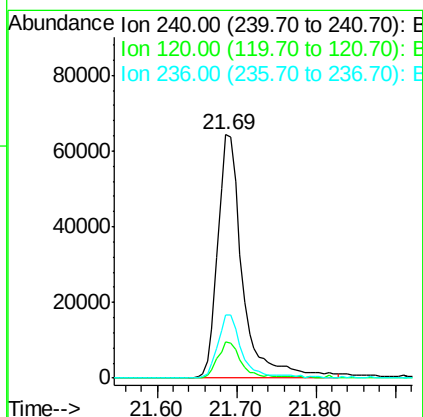
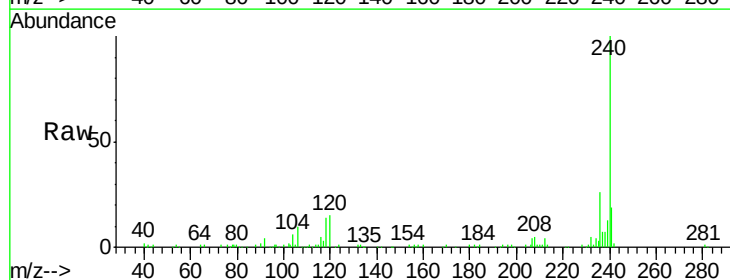
Instrument :
BNA_G
ClientSampleId :
PE-003

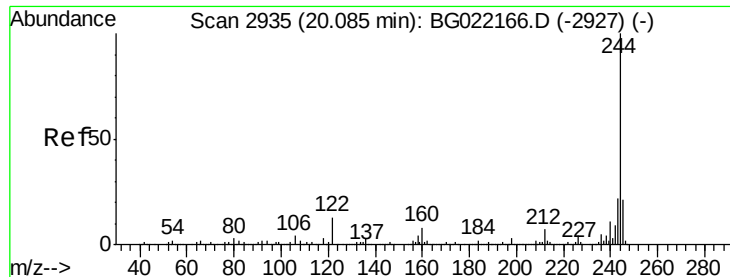
Tgt Ion:188 Resp: 170197
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 12.1 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3208
Delta R.T. -0.05 min
Lab File: BG022425.D
Acq: 18 Jun 2016 15:59

Tgt Ion:240 Resp: 140502
Ion Ratio Lower Upper
240 100
120 14.8 8.4 12.6#
236 25.7 19.6 29.4





#78

Terphenyl-d14

Concen: 96.12 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.04 min

Lab File: BG022425.D

Acq: 18 Jun 2016 15:59

Instrument :

BNA_G

ClientSampled :

PE-003

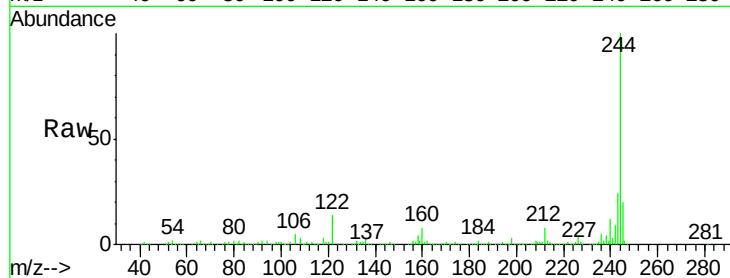
Tgt Ion:244 Resp: 568857

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 13.7 8.6 12.8#

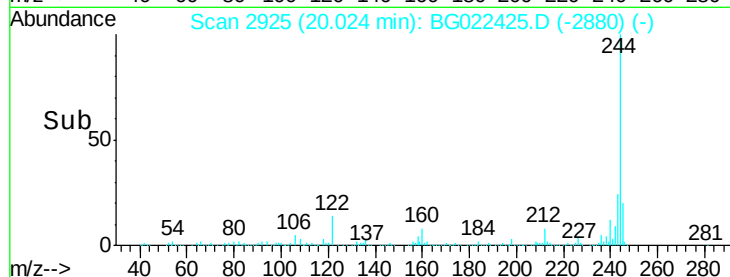


Abundance Ion 244.00 (243.70 to 244.70): E

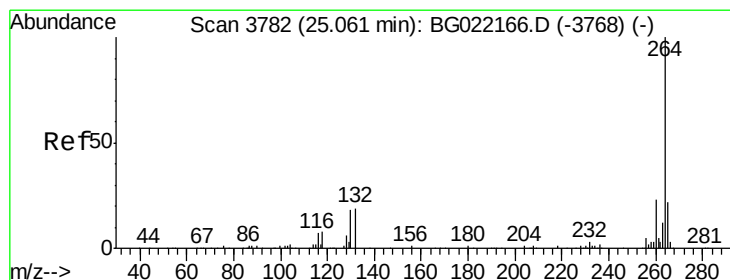
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.02



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.92 min Scan# 3759

Delta R.T. -0.09 min

Lab File: BG022425.D

Acq: 18 Jun 2016 15:59

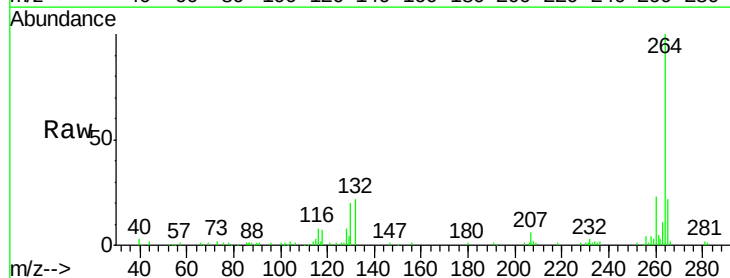
Tgt Ion:264 Resp: 128360

Ion Ratio Lower Upper

264 100

260 23.2 20.2 30.4

265 22.4 17.8 26.8

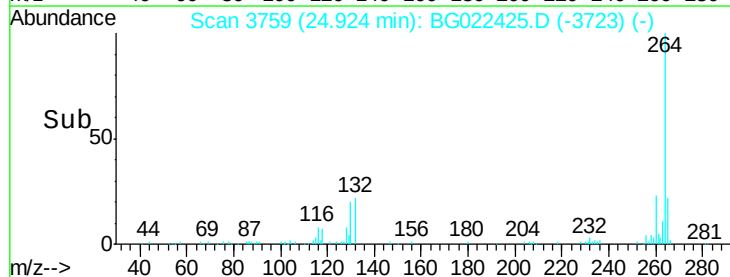


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.92



Time-->