

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031644.D
 Acq On : 18 Dec 2017 21:28
 Operator : SJ/JU
 Sample : I6680-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-B

Quant Time: Dec 19 07:51:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	69907	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	292844	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	198390	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	513609	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	539755	20.00	ng	-0.01
86) Perylene-d12	25.02	264	441205	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	565251	143.32	ng	0.00
7) Phenol-d6	7.27	99	681482	124.47	ng	0.00
23) Nitrobenzene-d5	9.26	82	468850	98.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	393217	169.18	ng	-0.01
44) 2-Fluorobiphenyl	13.35	172	1359642	100.60	ng	0.00
78) Terphenyl-d14	20.06	244	2396635	101.02	ng	-0.01

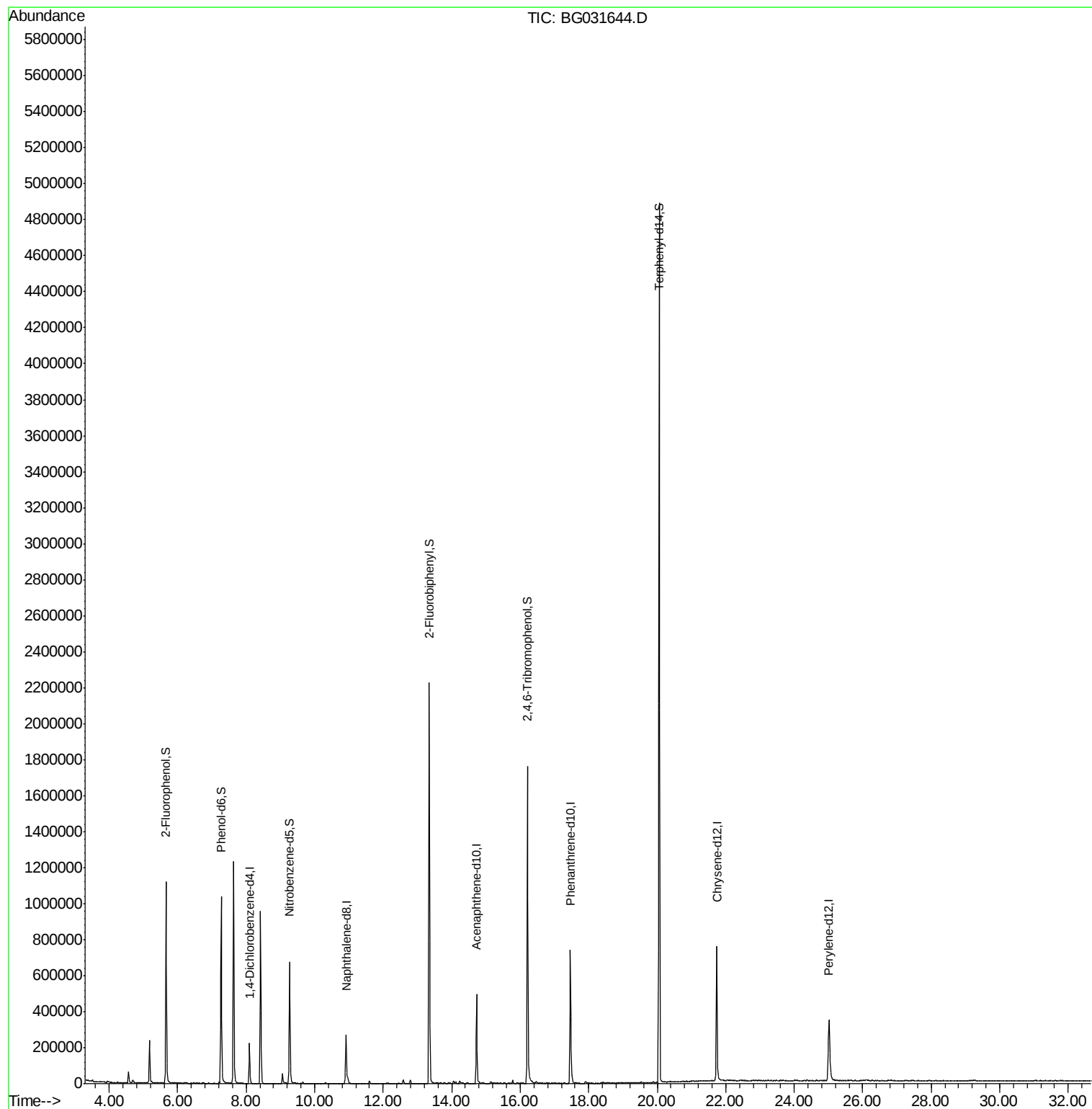
Target Compounds	Qvalue
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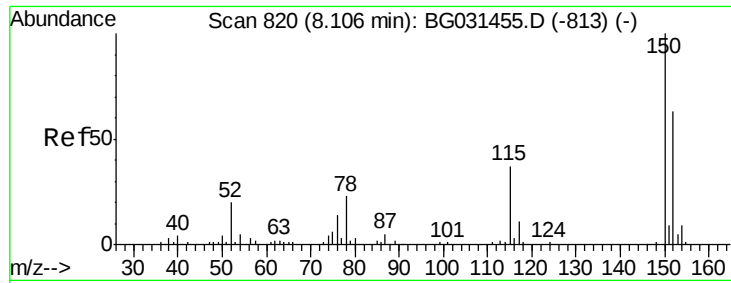
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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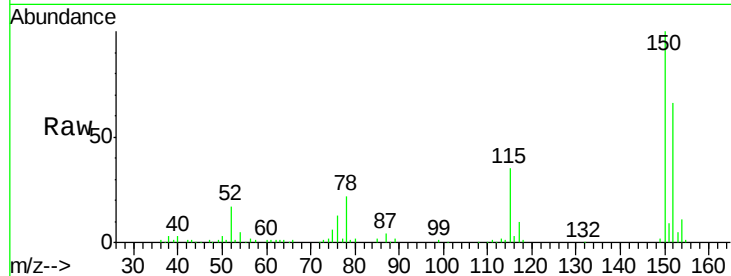


#1

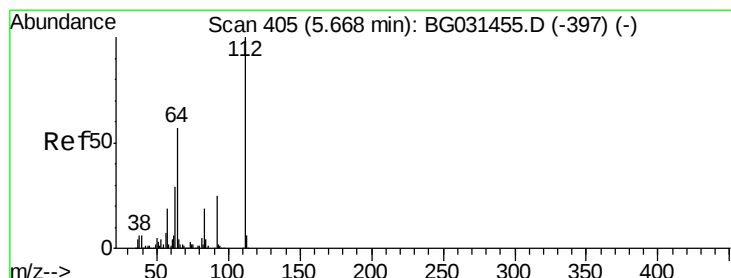
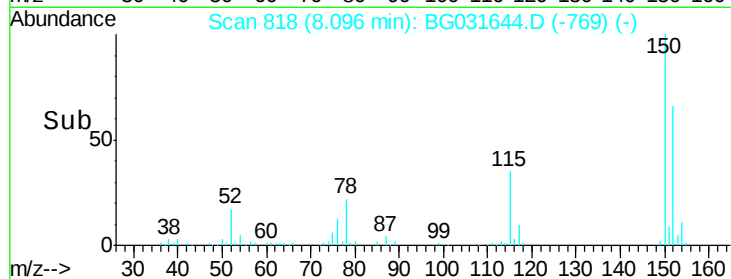
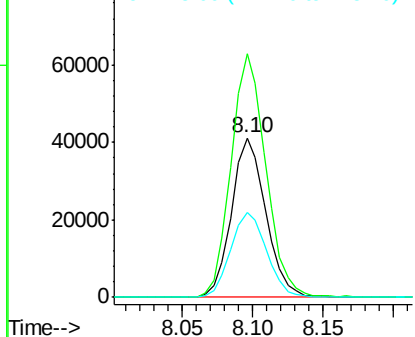
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031644.D
Acq: 18 Dec 2017 21:28

Instrument :
BNA_G
ClientSampleId :
CL-02-121417-B

Tgt Ion:152 Resp: 69907
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 53.5 53.0 79.4



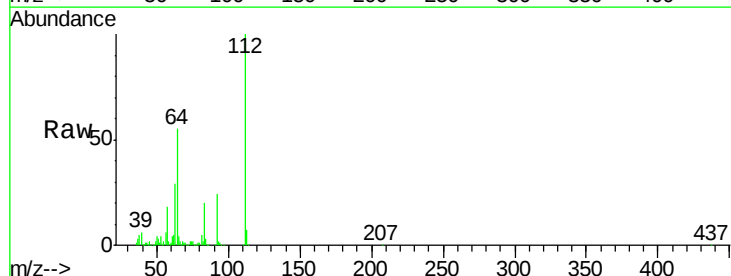
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



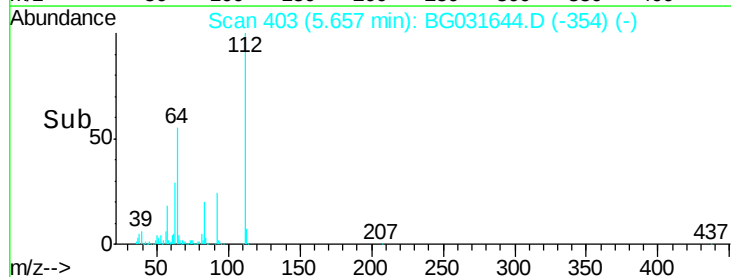
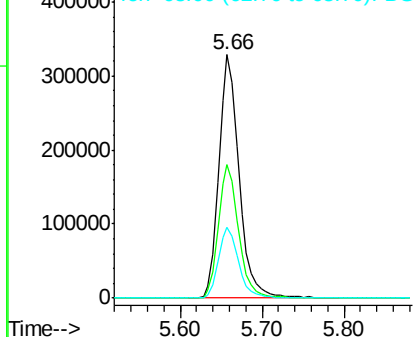
#5

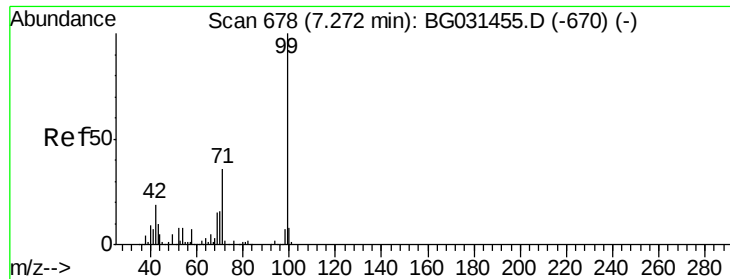
2-Fluorophenol
Concen: 143.322 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031644.D
Acq: 18 Dec 2017 21:28

Tgt Ion:112 Resp: 565251
Ion Ratio Lower Upper
112 100
64 54.9 56.3 84.5#
63 29.3 30.1 45.1#



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: 124.469 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031644.D

Acq: 18 Dec 2017 21:28

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-B

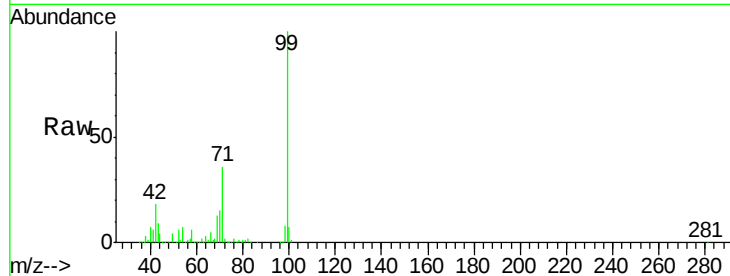
Tgt Ion: 99 Resp: 681482

Ion Ratio Lower Upper

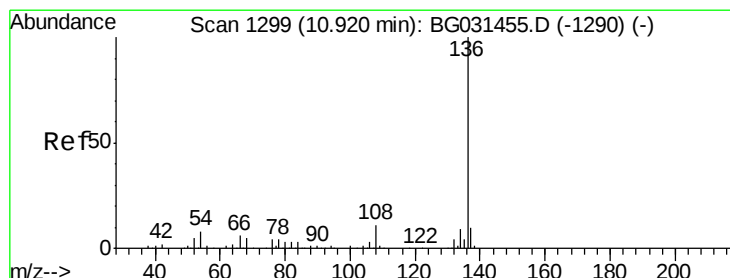
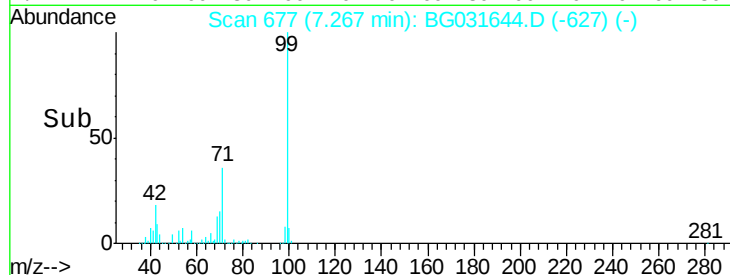
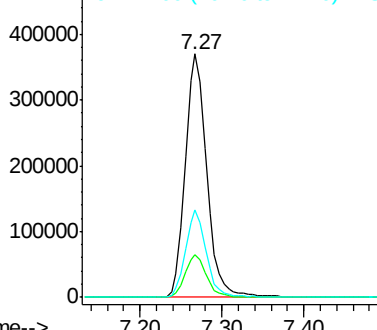
99 100

42 17.7 14.1 21.1

71 35.8 26.1 39.1



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: 10.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG031644.D

Acq: 18 Dec 2017 21:28

Tgt Ion: 136 Resp: 292844

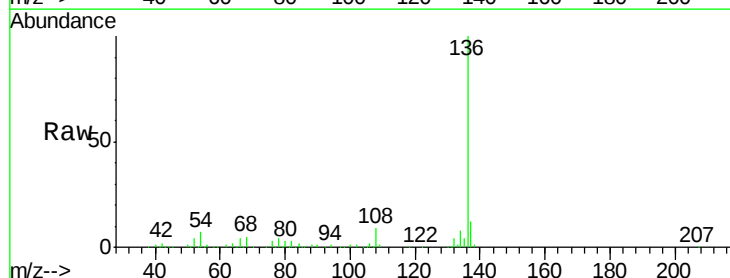
Ion Ratio Lower Upper

136 100

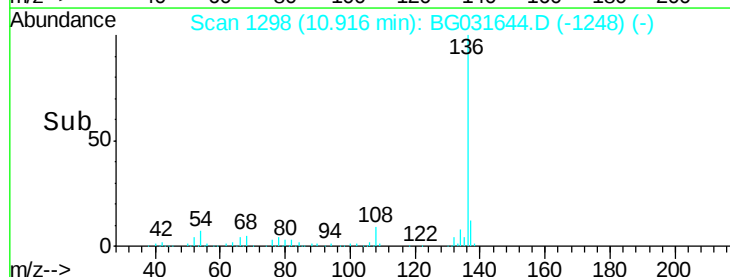
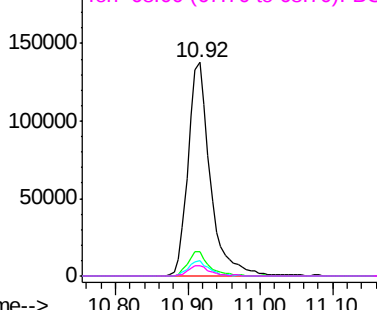
137 11.5 9.2 13.8

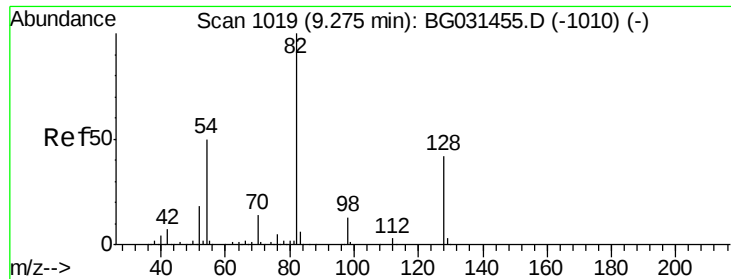
54 6.9 10.3 15.5#

68 4.9 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

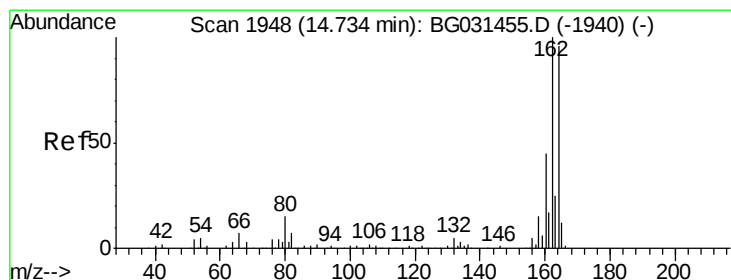
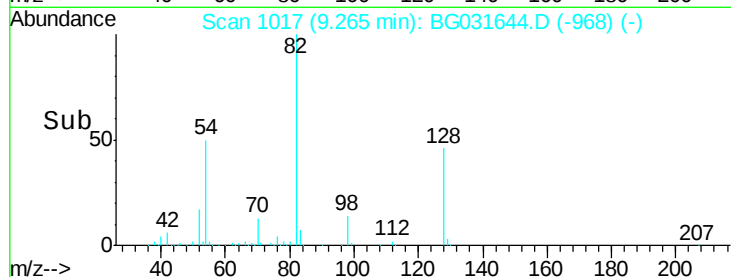
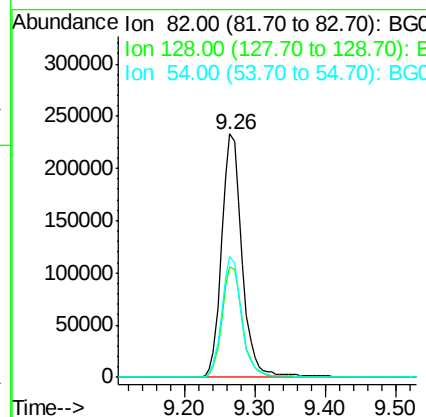
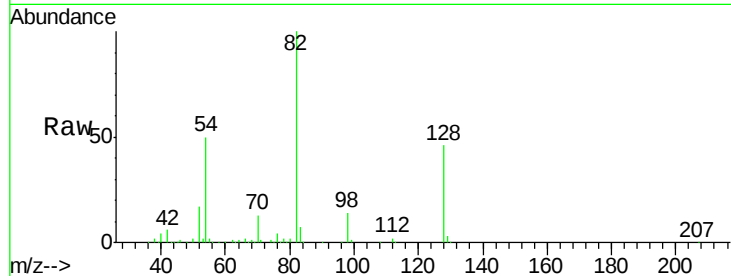




#23
 Nitrobenzene-d5
 Concen: 98.682 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031644.D
 Acq: 18 Dec 2017 21:28

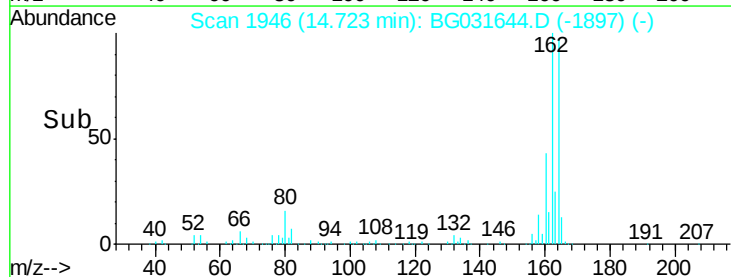
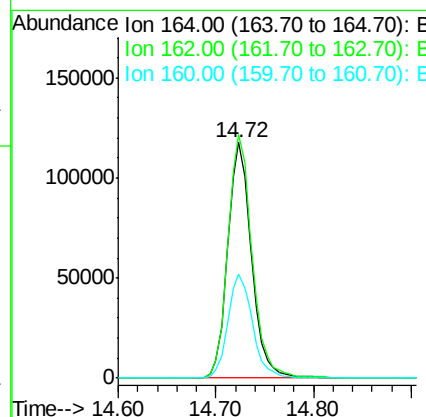
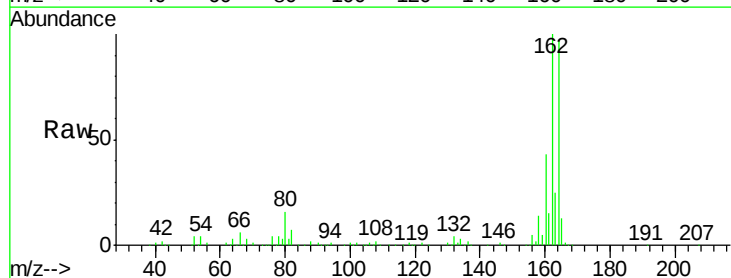
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-B

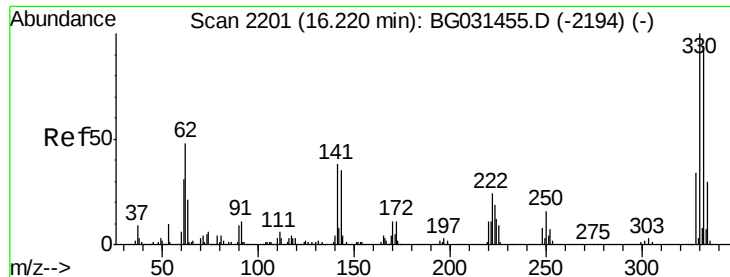
Tgt Ion: 82 Resp: 468850
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 49.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031644.D
 Acq: 18 Dec 2017 21:28

Tgt Ion: 164 Resp: 198390
 Ion Ratio Lower Upper
 164 100
 162 103.4 78.8 118.2
 160 44.4 35.4 53.0

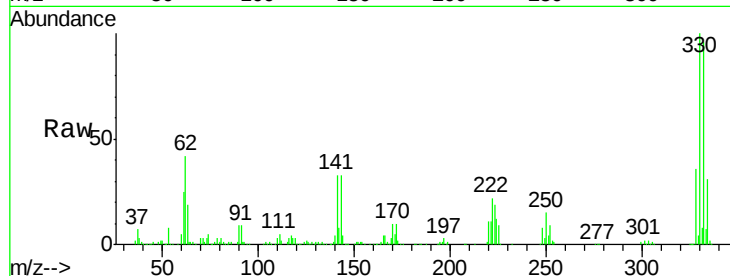




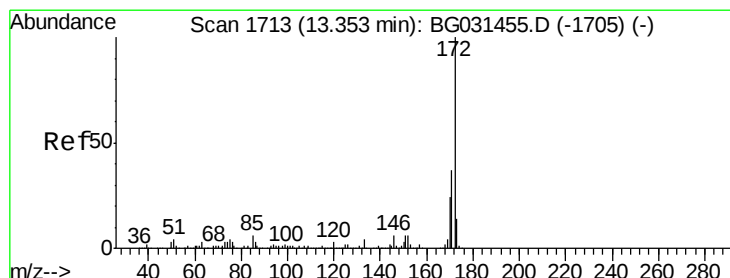
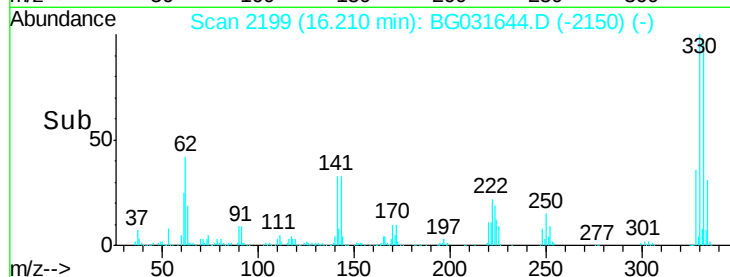
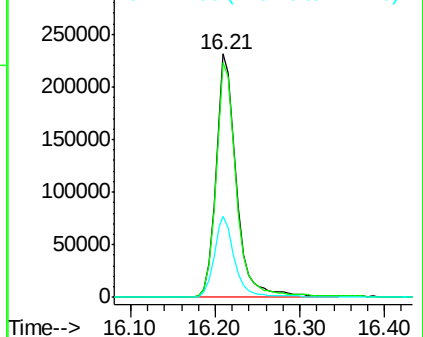
#41
 2,4,6-Tribromophenol
 Concen: 169.182 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031644.D
 Acq: 18 Dec 2017 21:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-B

Tgt Ion:330 Resp: 393217
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 33.9 25.2 37.8

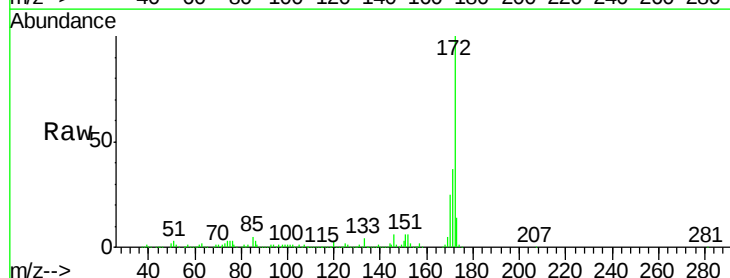


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

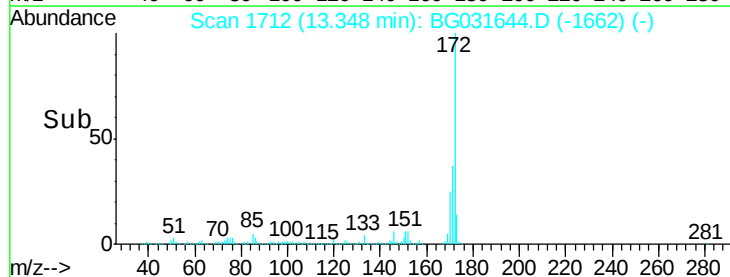
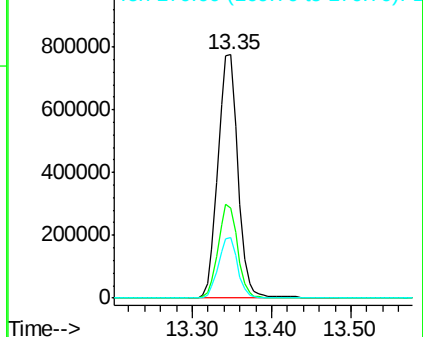


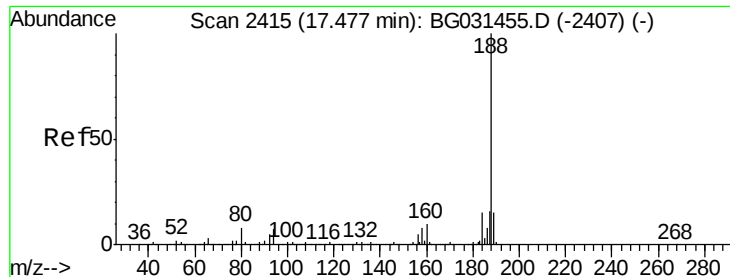
#44
 2-Fluorobiphenyl
 Concen: 100.599 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG031644.D
 Acq: 18 Dec 2017 21:28

Tgt Ion:172 Resp: 1359642
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 24.9 19.5 29.3



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: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031644.D

Acq: 18 Dec 2017 21:28

Instrument :

BNA_G

ClientSampleId :

CL-02-121417-B

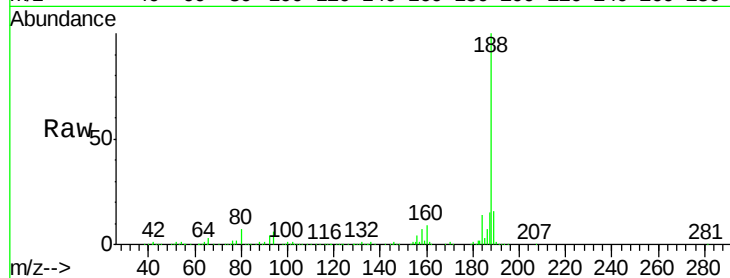
Tgt Ion:188 Resp: 513609

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

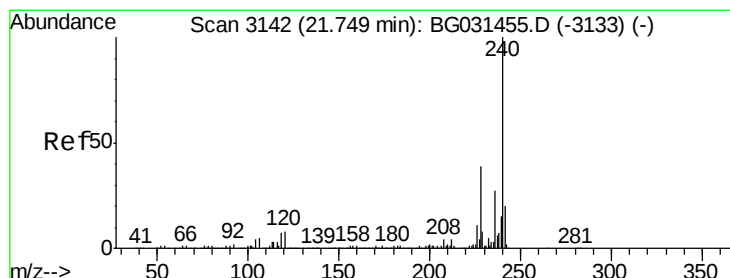
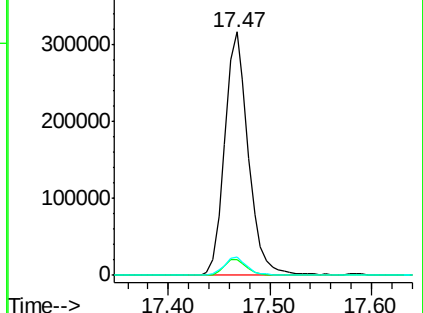
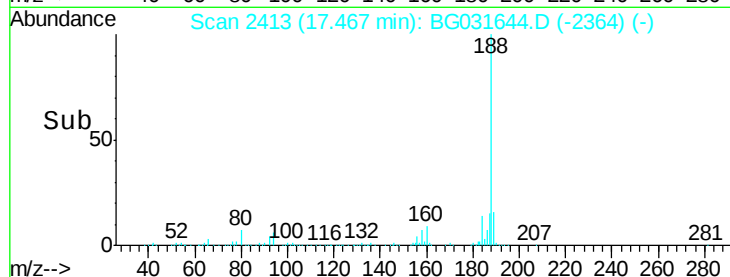
80 7.4 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031644.D

Acq: 18 Dec 2017 21:28

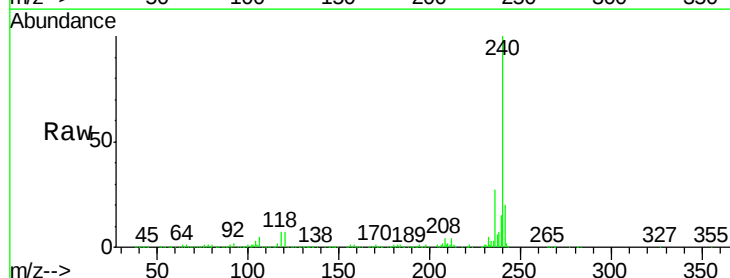
Tgt Ion:240 Resp: 539755

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2#

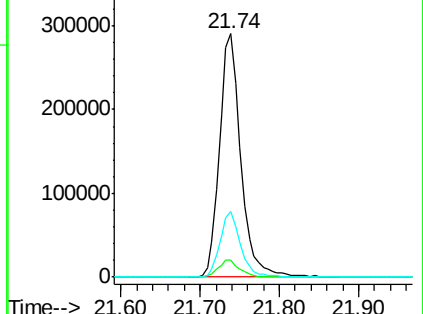
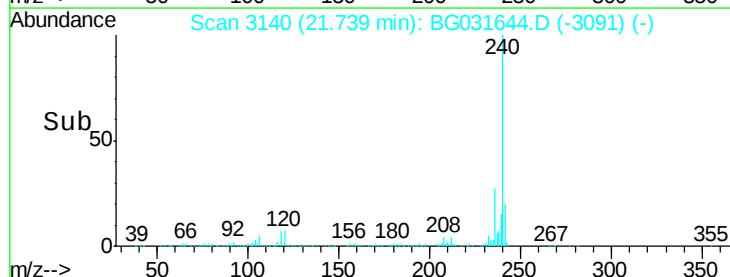
236 27.1 20.9 31.3

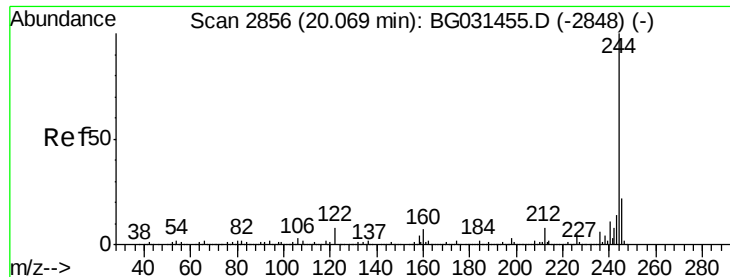


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.022 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031644.D

Acq: 18 Dec 2017 21:28

Instrument :

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ClientSampleId :

CL-02-121417-B

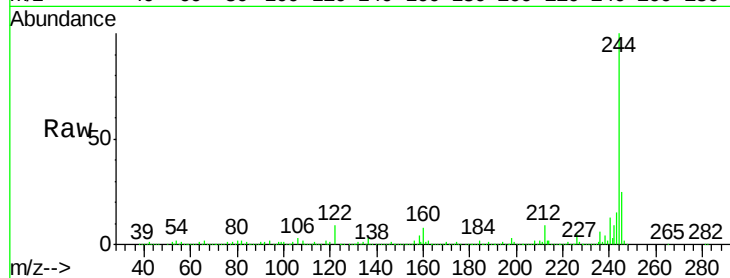
Tgt Ion:244 Resp: 2396635

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

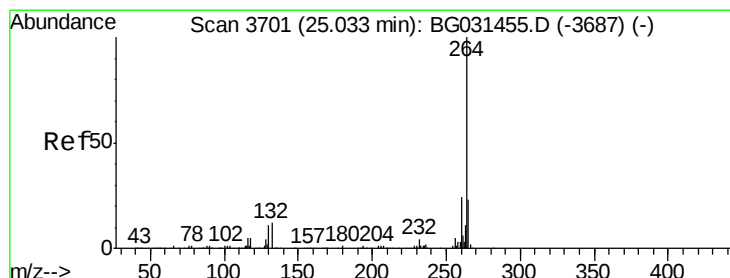
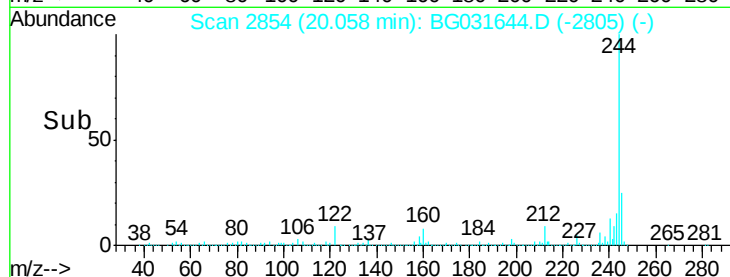
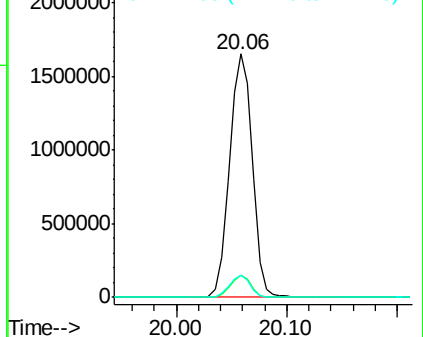
122 9.0 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031644.D

Acq: 18 Dec 2017 21:28

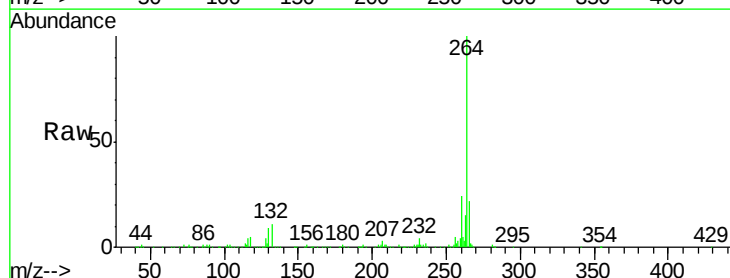
Tgt Ion:264 Resp: 441205

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 22.0 17.7 26.5



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

