

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032821.D
 Acq On : 26 Feb 2018 14:38
 Operator : SJ/JU
 Sample : J1688-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROAD

Quant Time: Feb 26 18:06:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

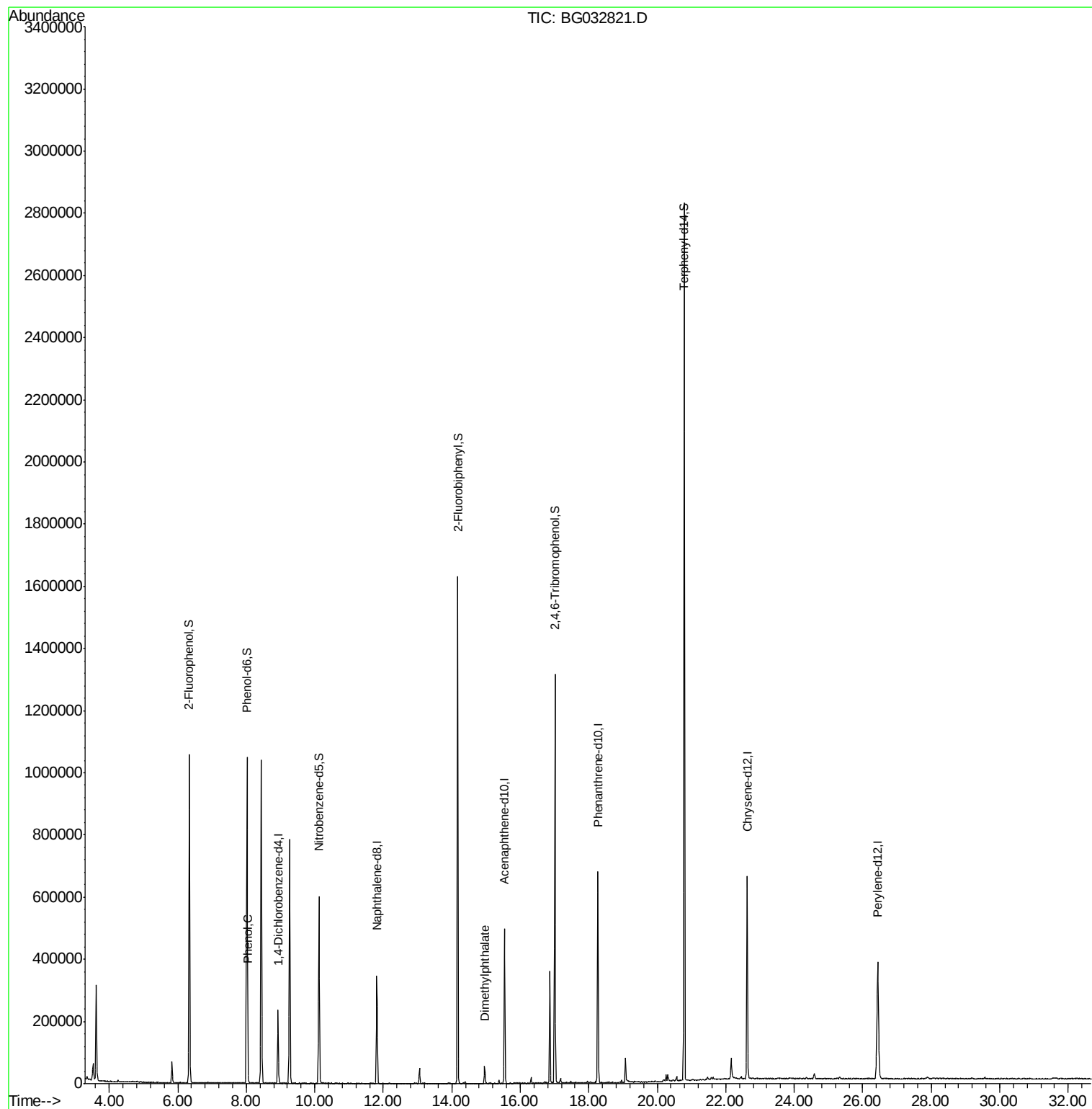
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	72163	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	311068	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	173809	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	411111	20.00	ng	0.00
75) Chrysene-d12	22.63	240	408850	20.00	ng	0.00
86) Perylene-d12	26.44	264	435481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	519889	115.26	ng	0.00
7) Phenol-d6	8.02	99	699483	111.26	ng	0.00
23) Nitrobenzene-d5	10.12	82	382611	85.31	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	235528	128.88	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	860728	71.42	ng	0.00
78) Terphenyl-d14	20.79	244	1304533	71.69	ng	0.00
Target Compounds						
10) Phenol	8.05	94	15523	2.449	ng	92
49) Dimethylphthalate	14.96	163	39082	2.648	ng	97

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

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Quant Time: Feb 26 18:06:12 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



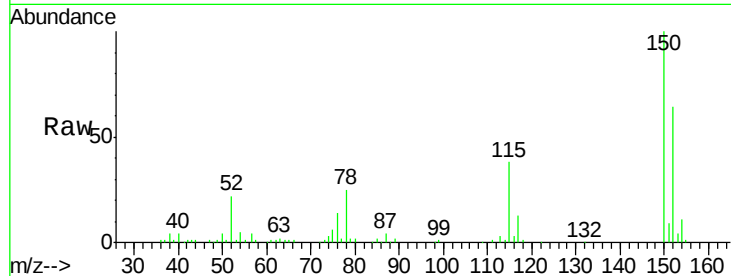


#1

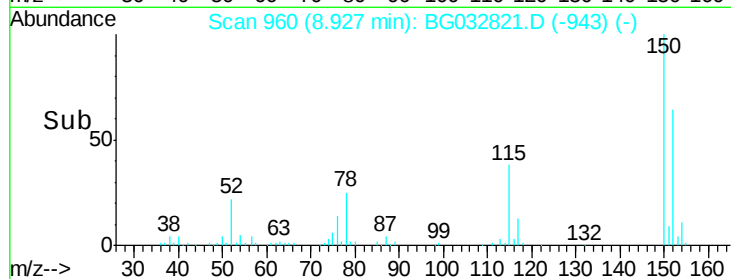
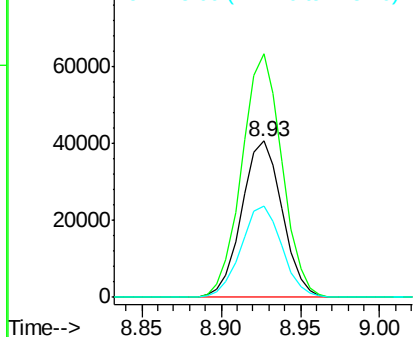
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032821.D
Acq: 26 Feb 2018 14:38

Instrument :
BNA_G
ClientSampleId :
T-3-ROAD

Tot Ion:152 Resp: 72163
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 58.8 53.0 79.4



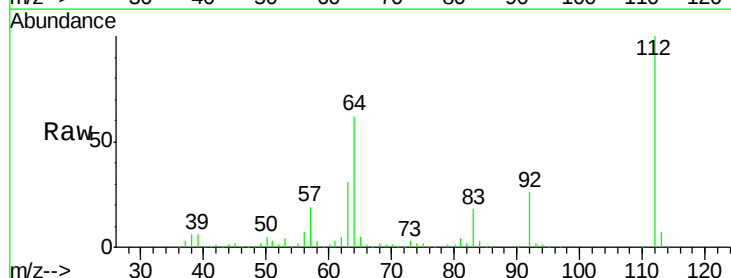
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



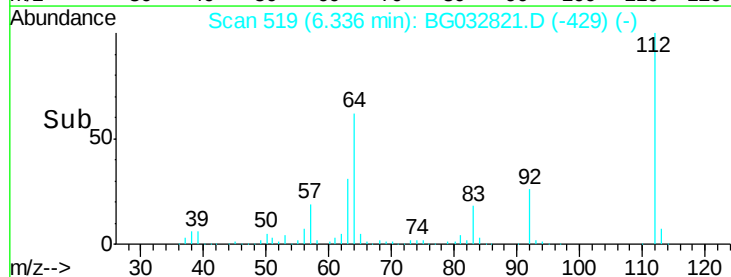
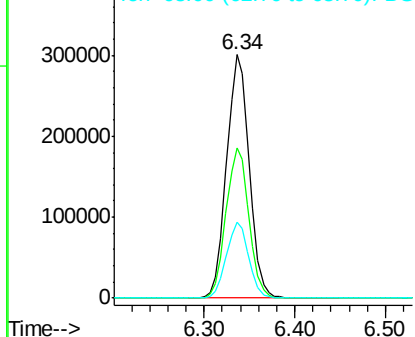
#5

2-Fluorophenol
Concen: 115.259 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032821.D
Acq: 26 Feb 2018 14:38

Tgt Ion:112 Resp: 519889
Ion Ratio Lower Upper
112 100
64 61.5 56.3 84.5
63 31.1 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: 111.256 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.01 min

Lab File: BG032821.D

Acq: 26 Feb 2018 14:38

Instrument :

BNA_G

ClientSampleId :

T-3-ROAD

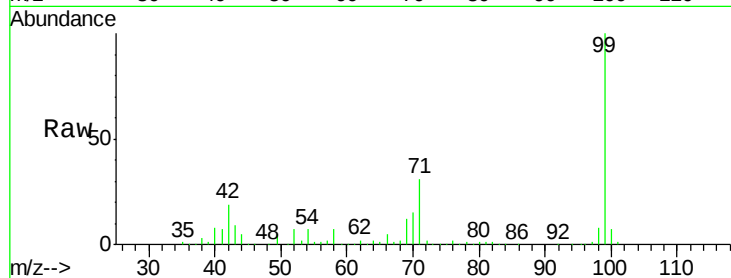
Tot Ion: 99 Resp: 699483

Ion Ratio Lower Upper

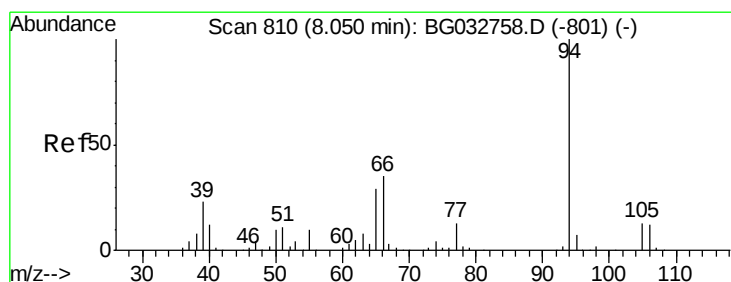
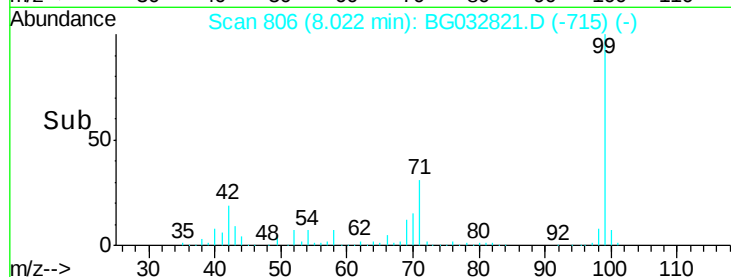
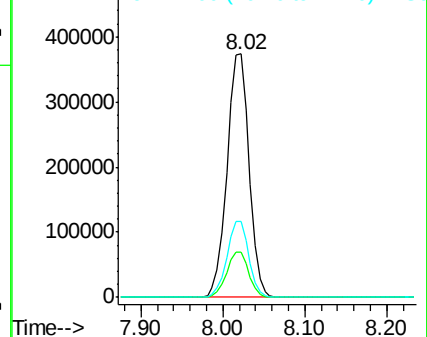
99 100

42 18.7 14.1 21.1

71 31.1 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



#10

Phenol

Concen: 2.449 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG032821.D

Acq: 26 Feb 2018 14:38

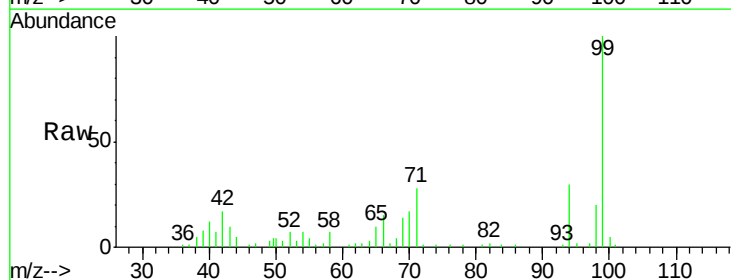
Tgt Ion: 94 Resp: 15523

Ion Ratio Lower Upper

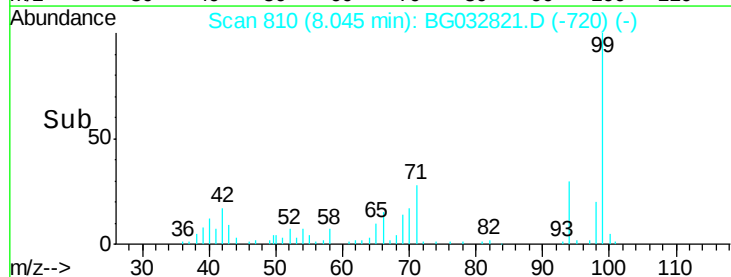
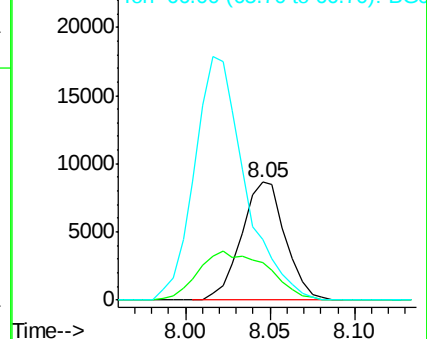
94 100

65 32.0 11.9 51.9

66 51.5 22.2 62.2



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

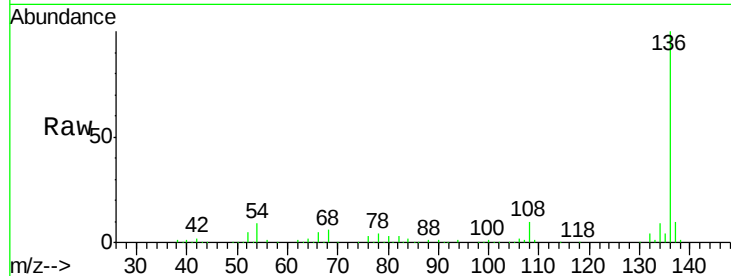




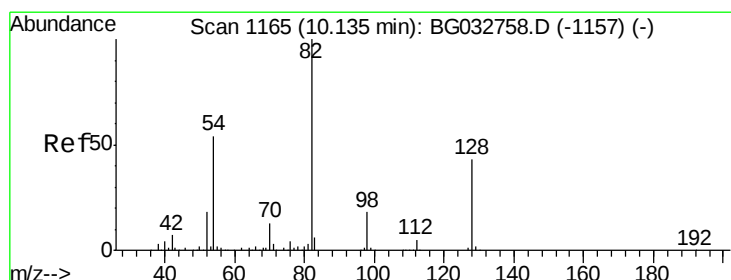
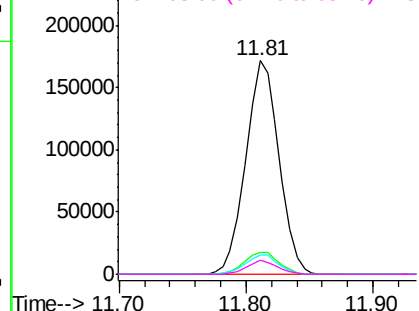
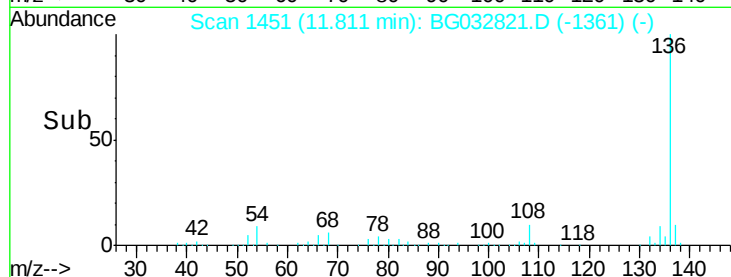
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032821.D
Acq: 26 Feb 2018 14:38

Instrument :
BNA_G
ClientSampleId :
T-3-ROAD

Tot Ion:136	Resp:	311068
Ion	Ratio	Lower Upper
136	100	
137	10.2	9.2 13.8
54	9.0	10.3 15.5#
68	6.4	4.5 6.7

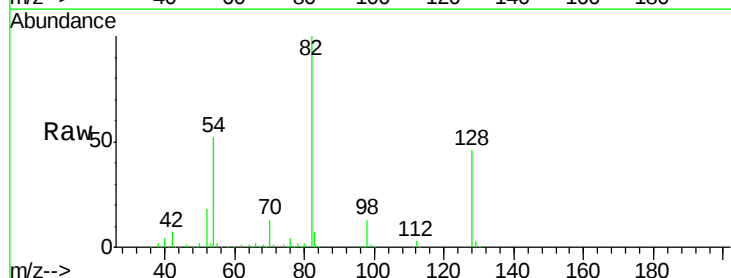


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

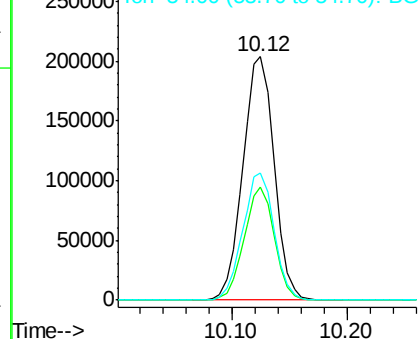
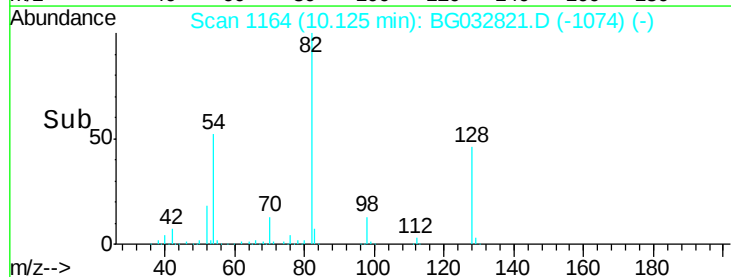


#23
Nitrobenzene-d5
Concen: 85.314 ng
RT: 10.12 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG032821.D
Acq: 26 Feb 2018 14:38

Tgt Ion: 82	Resp:	382611
Ion	Ratio	Lower Upper
82	100	
128	46.2	29.7 44.5#
54	52.1	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BG032821.D

Acq: 26 Feb 2018 14:38

Instrument :

BNA_G

ClientSampleId :

T-3-ROAD

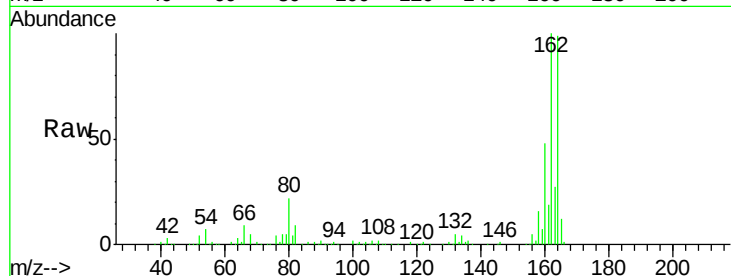
Tot Ion:164 Resp: 173809

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

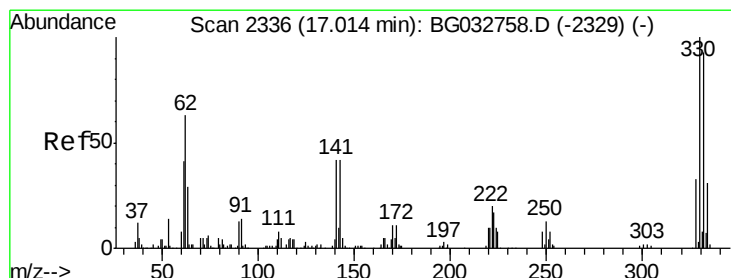
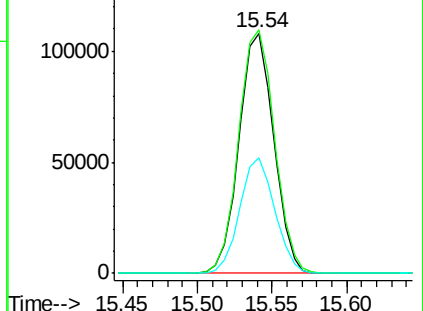
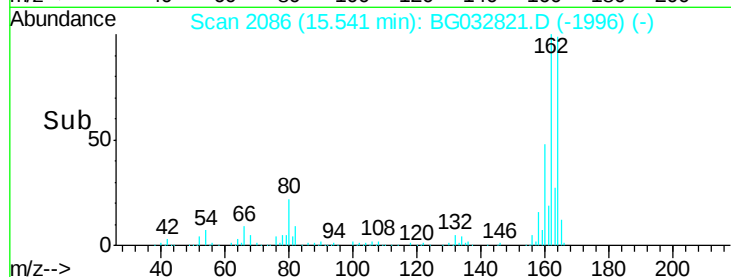
160 48.3 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 128.877 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BG032821.D

Acq: 26 Feb 2018 14:38

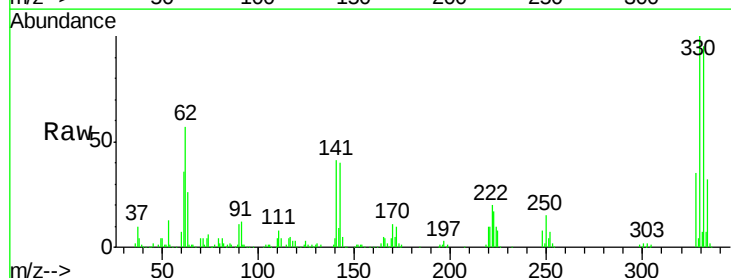
Tgt Ion:330 Resp: 235528

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

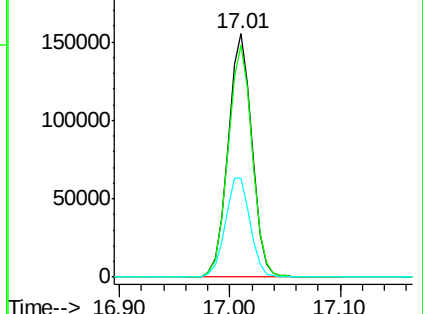
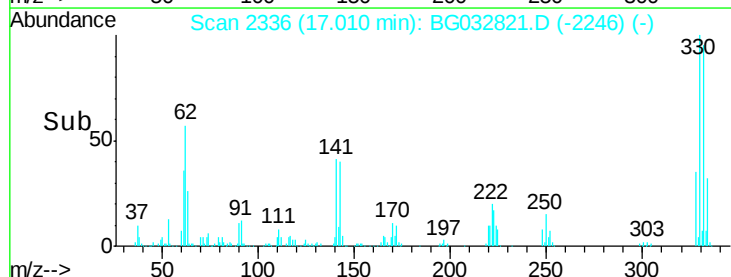
141 42.3 25.2 37.8#



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

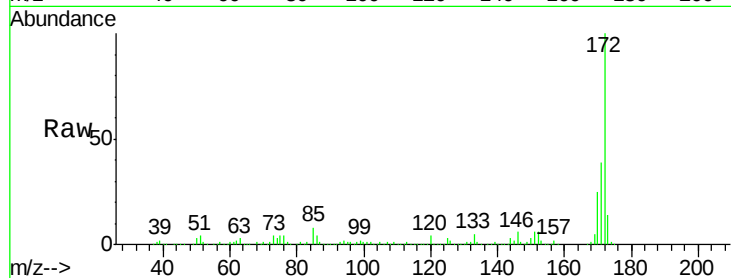




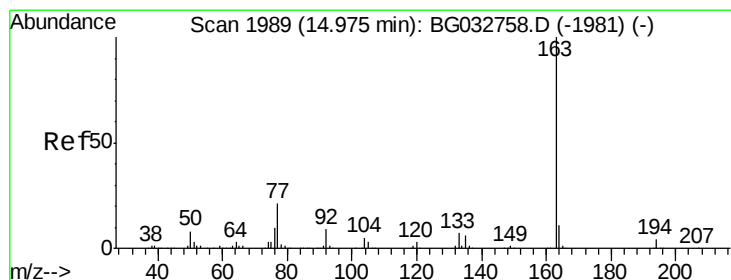
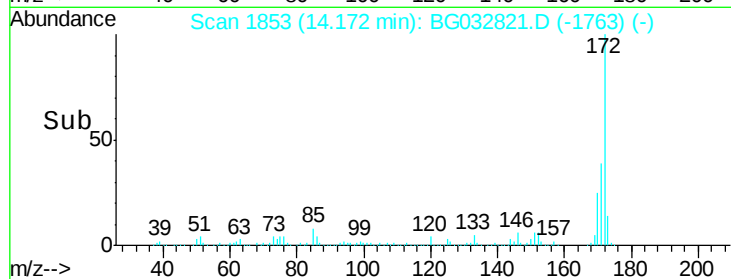
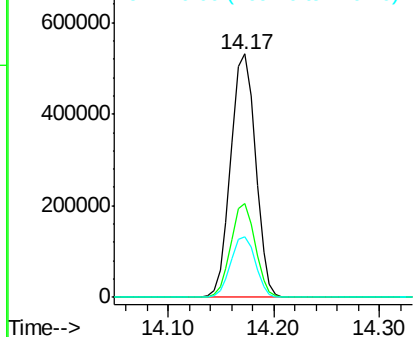
#44
2-Fluorobiphenyl
Concen: 71.422 ng
RT: 14.17 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BG032821.D
Acq: 26 Feb 2018 14:38

Instrument :
BNA_G
ClientSampleId :
T-3-ROAD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.1	19.5	29.3

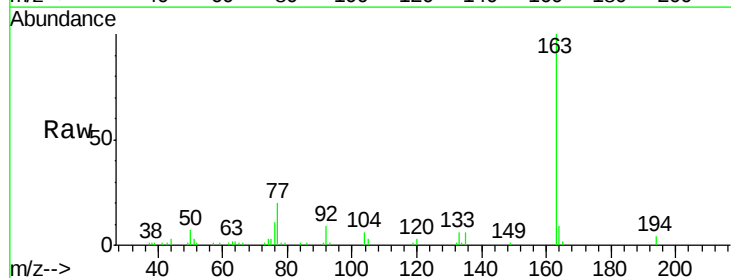


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

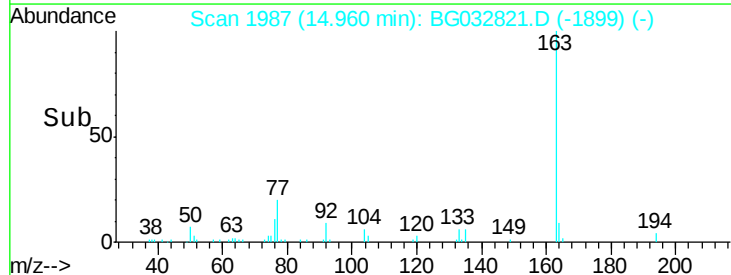
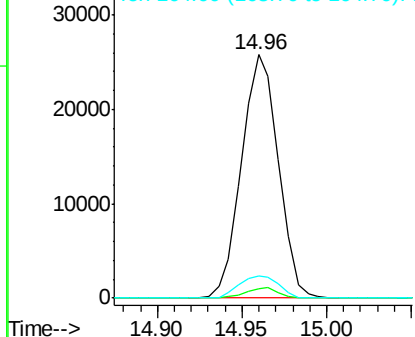


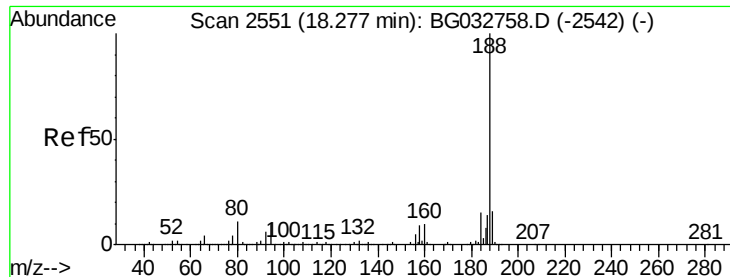
#49
Dimethylphthalate
Concen: 2.648 ng
RT: 14.96 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG032821.D
Acq: 26 Feb 2018 14:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	9.2	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.27 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BG032821.D

Acq: 26 Feb 2018 14:38

Instrument :

BNA_G

ClientSampleId :

T-3-ROAD

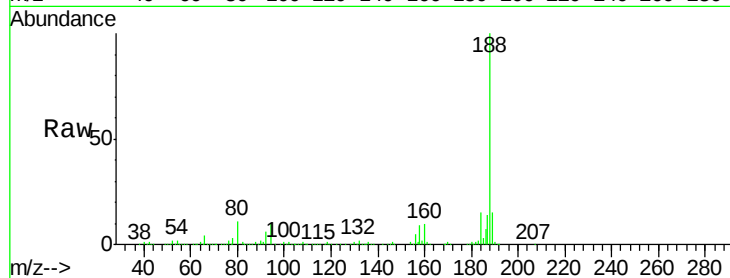
Tot Ion:188 Resp: 411111

Ion Ratio Lower Upper

188 100

94 10.2 6.9 10.3

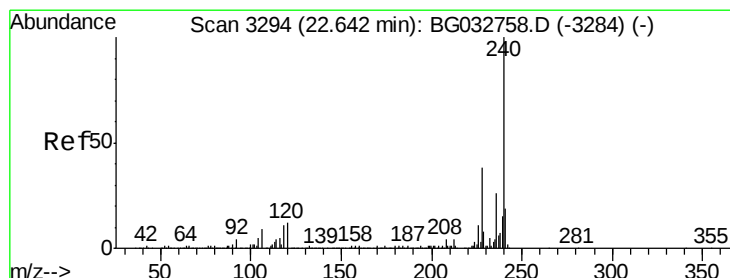
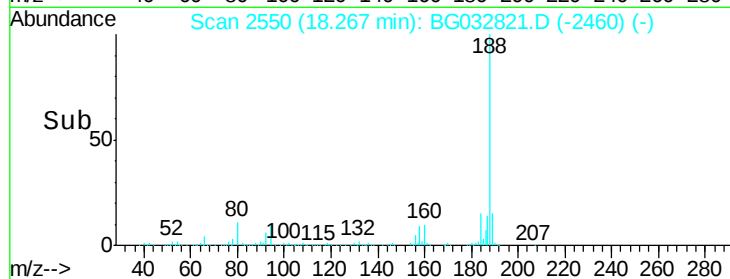
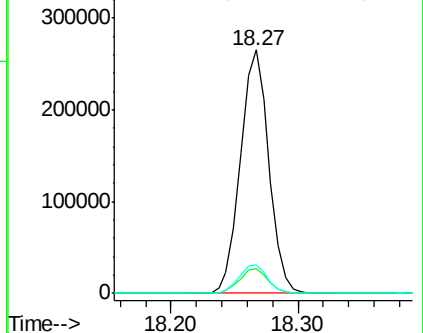
80 11.5 7.7 11.5



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: 22.63 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BG032821.D

Acq: 26 Feb 2018 14:38

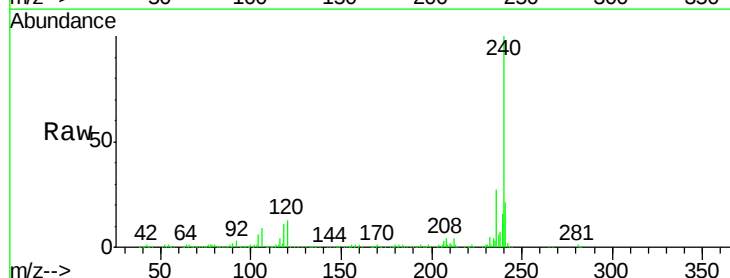
Tgt Ion:240 Resp: 408850

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

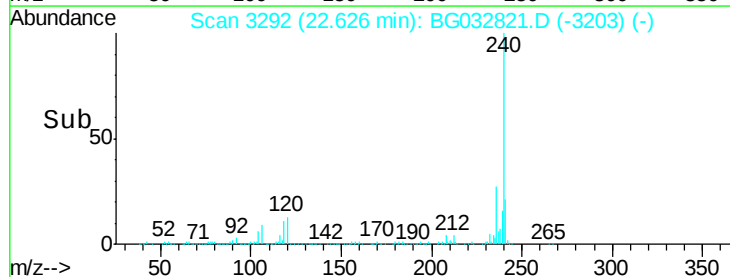
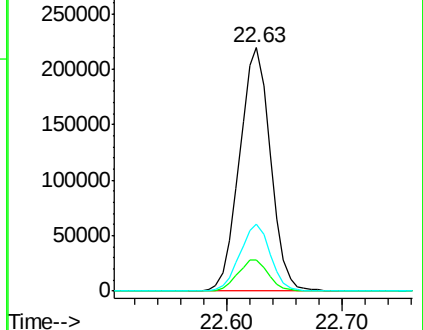
236 27.4 20.9 31.3

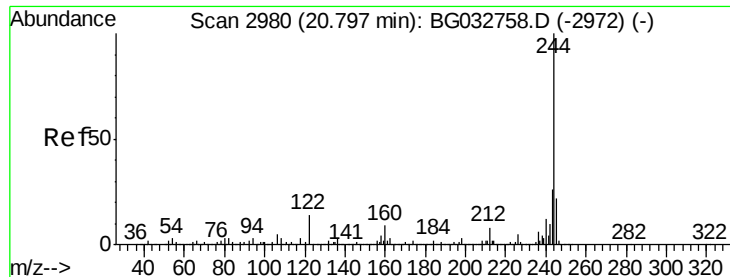


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.687 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BG032821.D

Acq: 26 Feb 2018 14:38

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T-3-ROAD

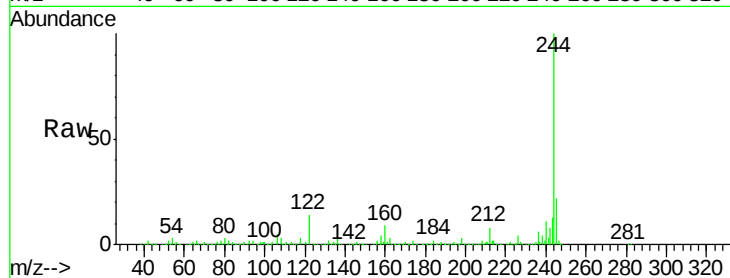
Tot Ion:244 Resp: 1304533

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

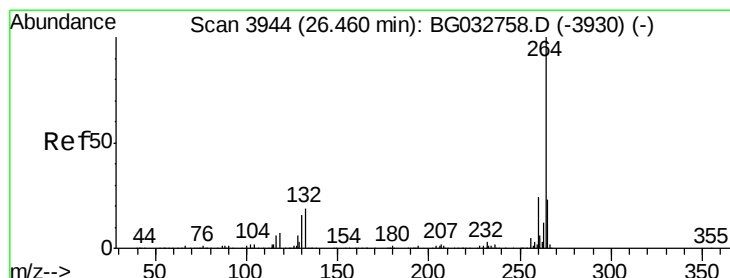
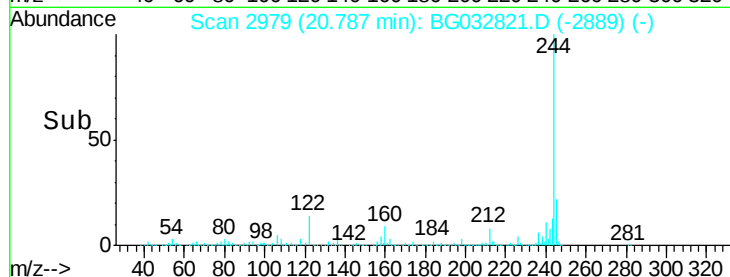
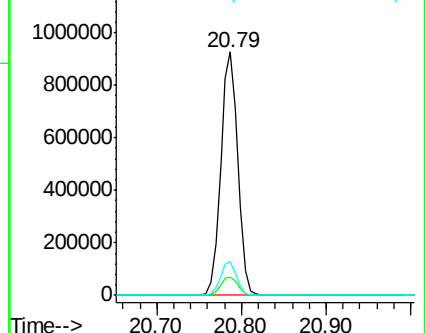
122 13.6 7.0 10.4#



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: 26.44 min Scan# 3941

Delta R.T. 0.00 min

Lab File: BG032821.D

Acq: 26 Feb 2018 14:38

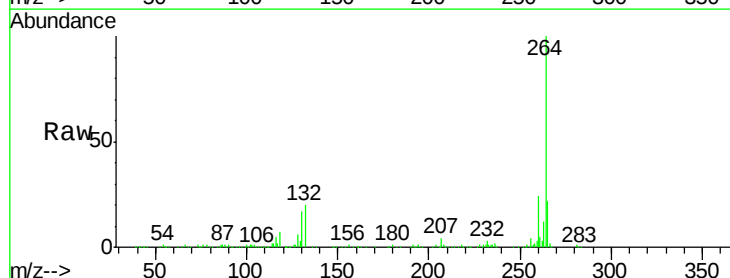
Tgt Ion:264 Resp: 435481

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.9 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

