

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071916\
 Data File : BG023181.D
 Acq On : 19 Jul 2016 18:13
 Operator : UM/SJ
 Sample : PB92266TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92266TB

Quant Time: Jul 21 19:14:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	92664	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	467805	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	379079	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	883426	20.00	ng	0.00
75) Chrysene-d12	21.87	240	905267	20.00	ng	-0.01
86) Perylene-d12	25.26	264	860540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	772253	136.30	ng	0.00
7) Phenol-d6	7.30	99	1238823	139.60	ng	0.00
23) Nitrobenzene-d5	9.31	82	904266	82.77	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	584422	85.78	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1901645	79.02	ng	0.00
78) Terphenyl-d14	20.16	244	2622696	96.92	ng	0.00

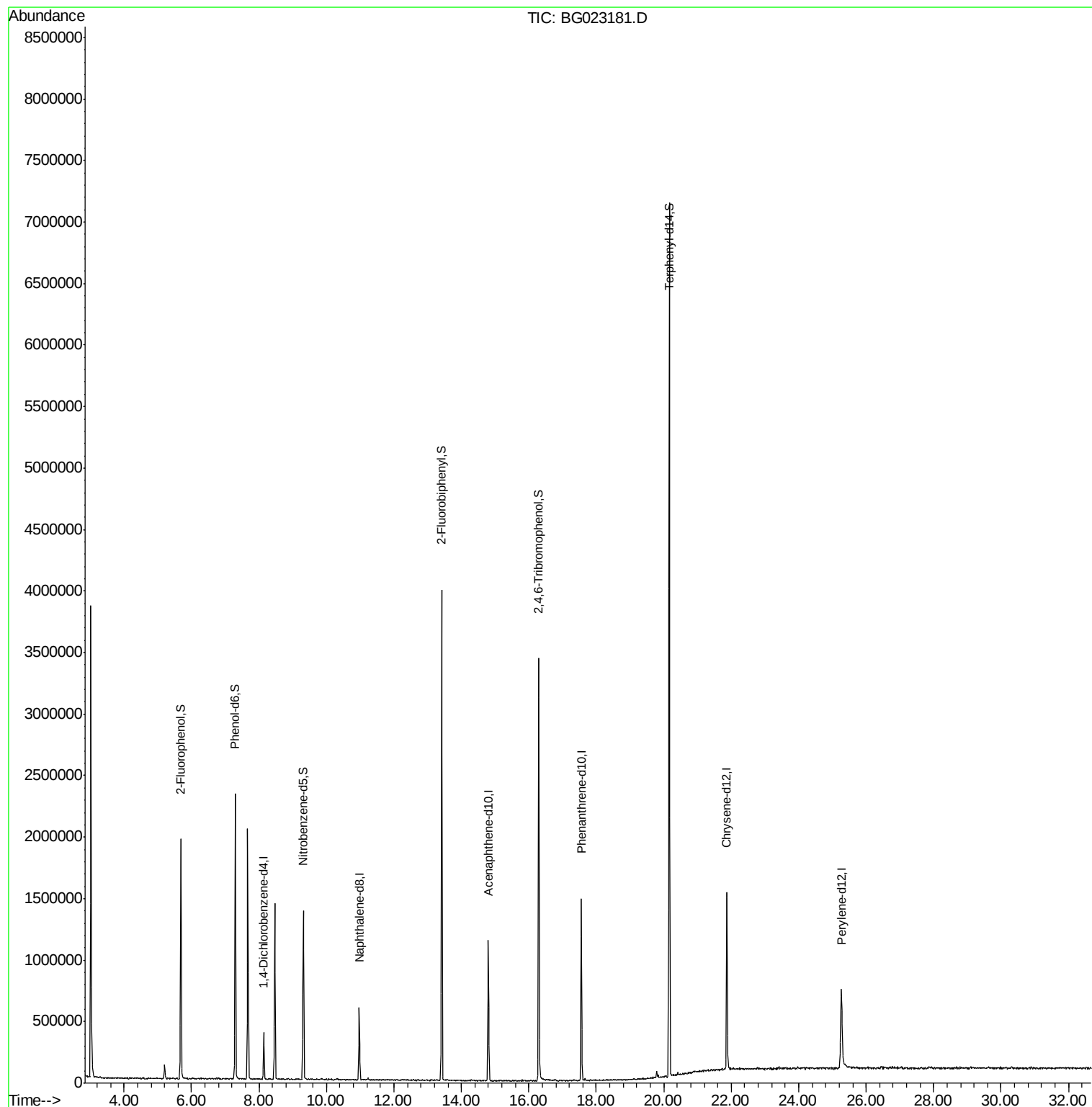
Target Compounds	Qvalue
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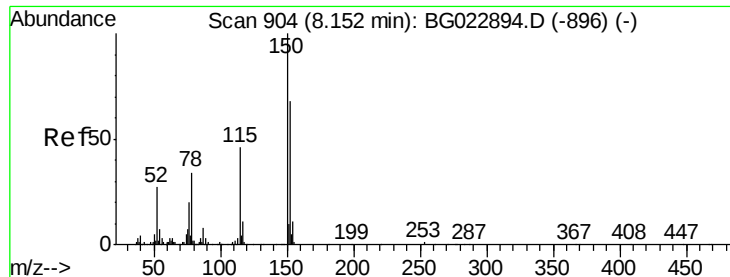
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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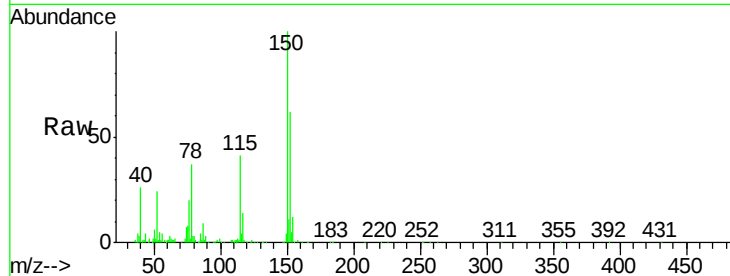


#1

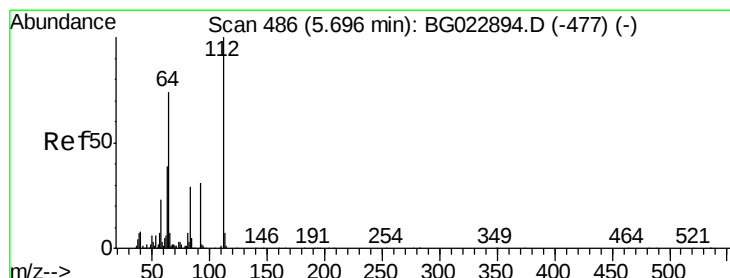
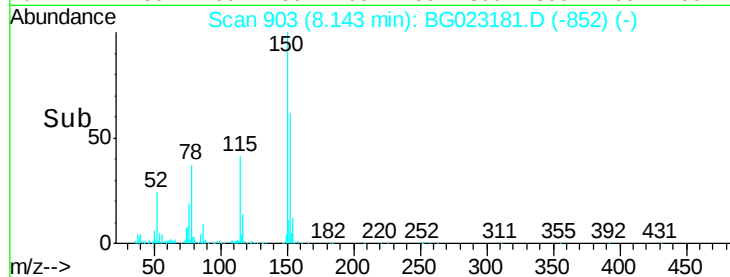
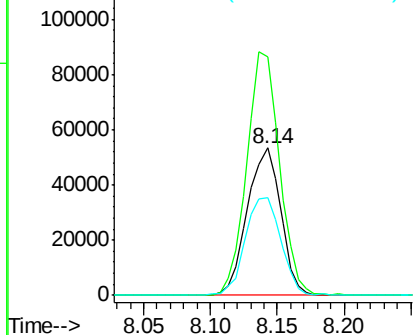
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG023181.D
Acq: 19 Jul 2016 18:13

Instrument :
BNA_G
ClientSampleId :
PB92266TB

Tgt Ion:152 Resp: 92664
Ion Ratio Lower Upper
152 100
150 161.8 144.7 217.1
115 66.1 64.0 96.0



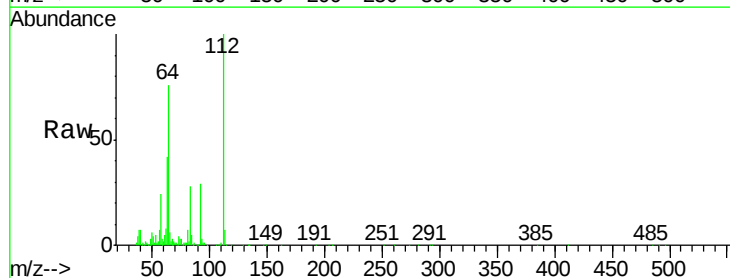
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



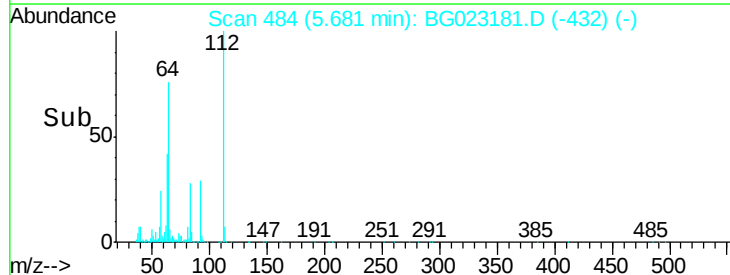
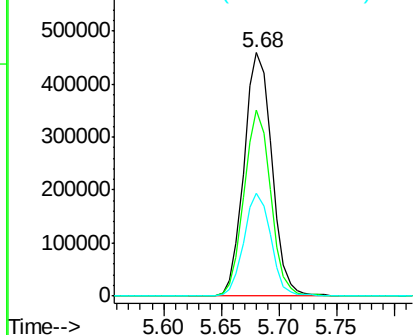
#5

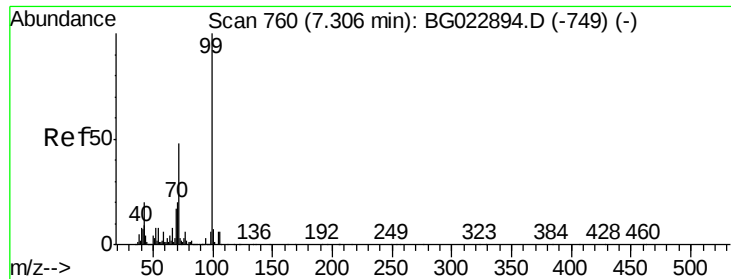
2-Fluorophenol
Concen: 136.30 ng
RT: 5.68 min Scan# 484
Delta R.T. 0.00 min
Lab File: BG023181.D
Acq: 19 Jul 2016 18:13

Tgt Ion:112 Resp: 772253
Ion Ratio Lower Upper
112 100
64 76.2 59.0 88.4
63 42.5 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 139.60 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023181.D

Acq: 19 Jul 2016 18:13

Instrument :

BNA_G

ClientSampleId :

PB92266TB

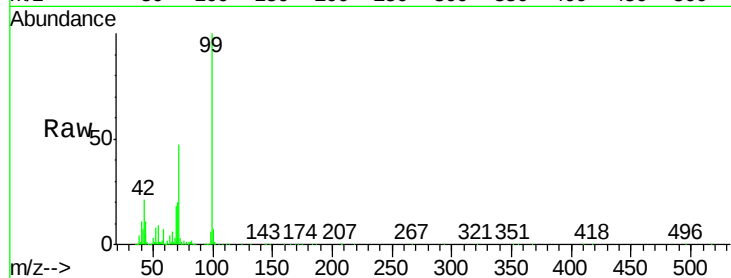
Tgt Ion: 99 Resp: 1238823

Ion Ratio Lower Upper

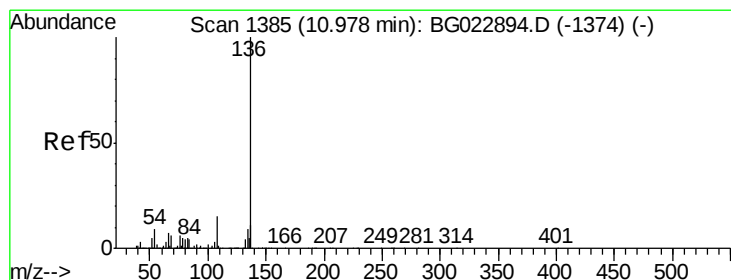
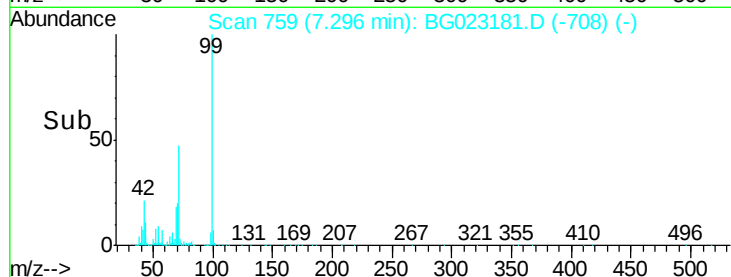
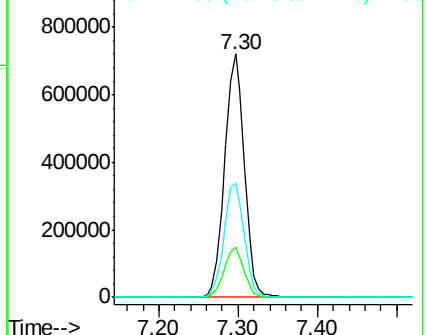
99 100

42 20.8 17.8 26.6

71 47.2 41.5 62.3



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: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023181.D

Acq: 19 Jul 2016 18:13

Tgt Ion: 136 Resp: 467805

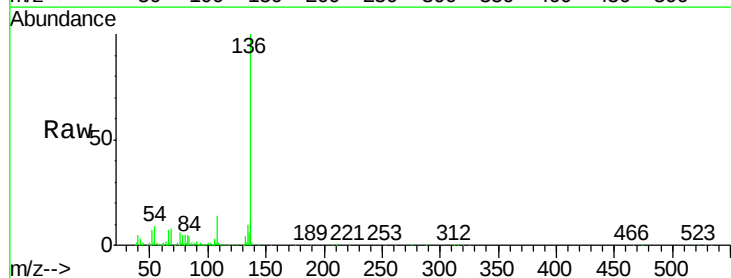
Ion Ratio Lower Upper

136 100

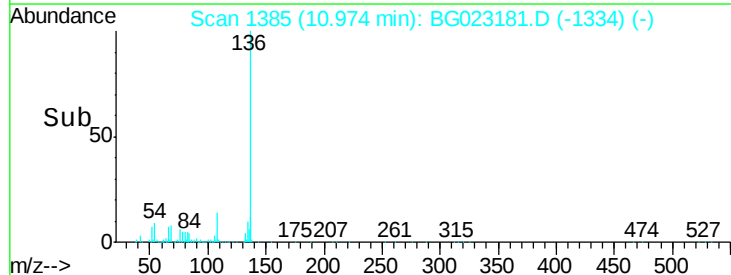
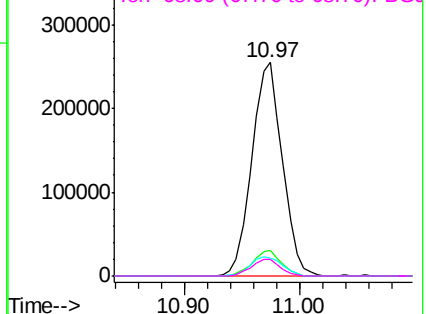
137 11.9 9.6 14.4

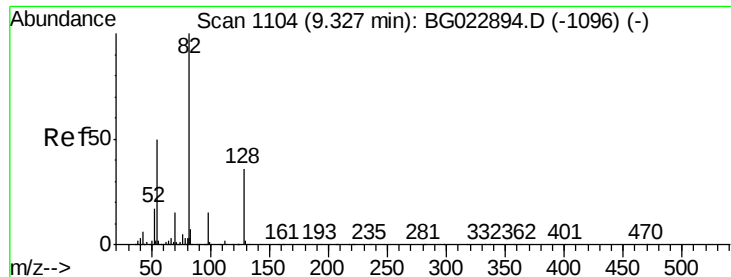
54 8.7 7.3 10.9

68 8.1 5.3 7.9#



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

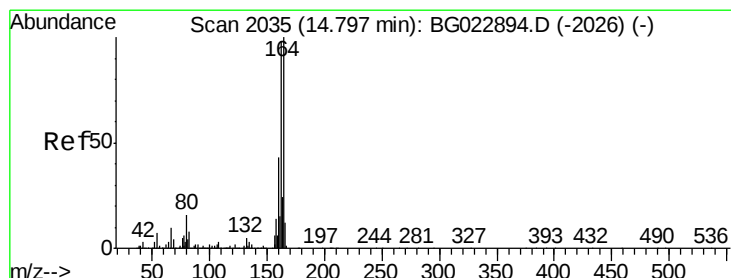
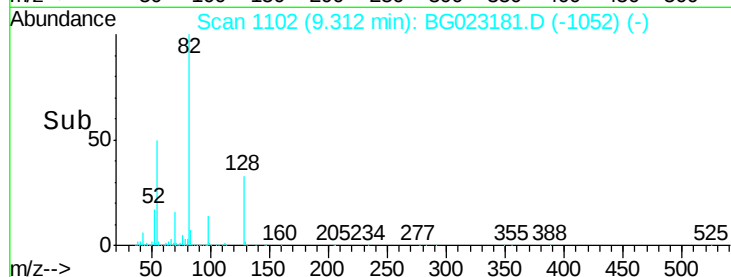
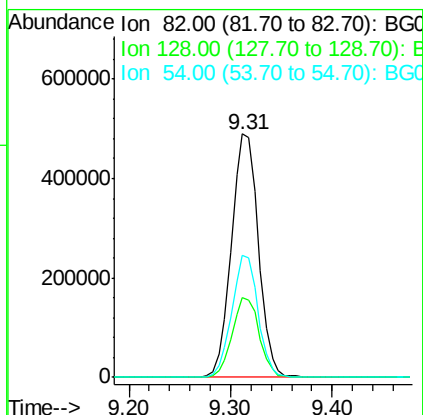
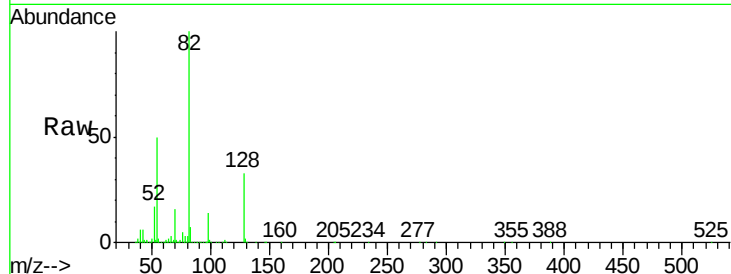




#23
 Nitrobenzene-d5
 Concen: 82.77 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BG023181.D
 Acq: 19 Jul 2016 18:13

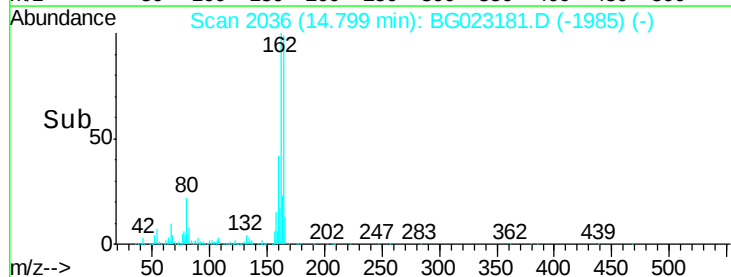
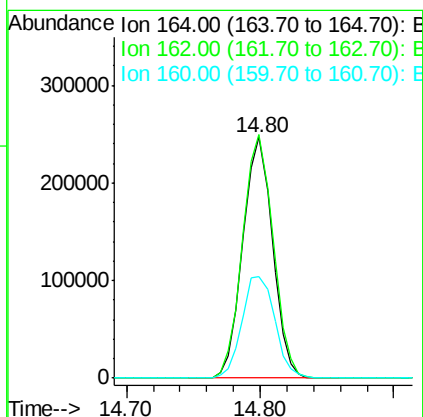
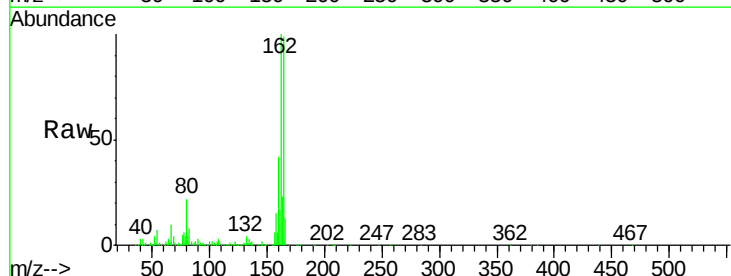
Instrument :
 BNA_G
 ClientSampleId :
 PB92266TB

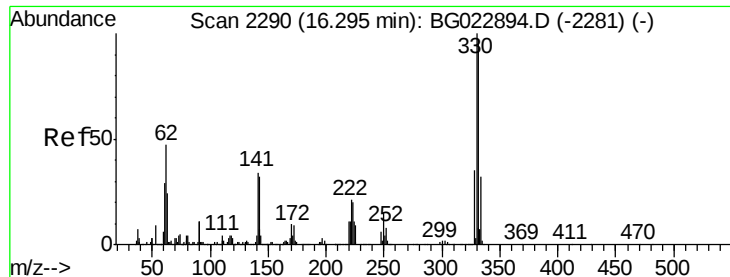
Tgt Ion: 82 Resp: 904266
 Ion Ratio Lower Upper
 82 100
 128 32.5 24.4 36.6
 54 50.1 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG023181.D
 Acq: 19 Jul 2016 18:13

Tgt Ion: 164 Resp: 379079
 Ion Ratio Lower Upper
 164 100
 162 101.2 87.7 131.5
 160 42.4 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 85.78 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BG023181.D

Acq: 19 Jul 2016 18:13

Instrument :

BNA_G

ClientSampleId :

PB92266TB

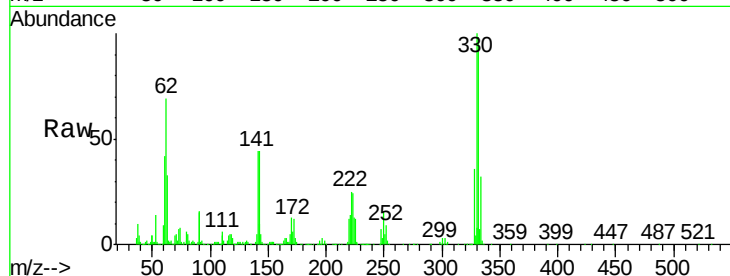
Tgt Ion:330 Resp: 584422

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

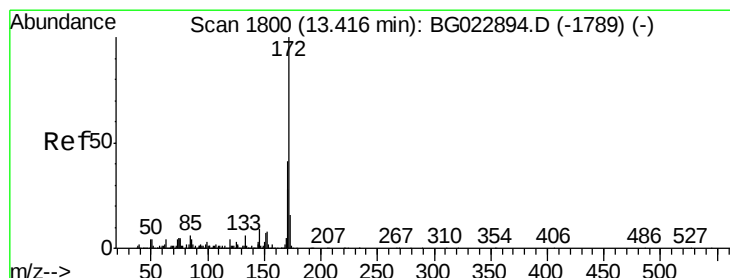
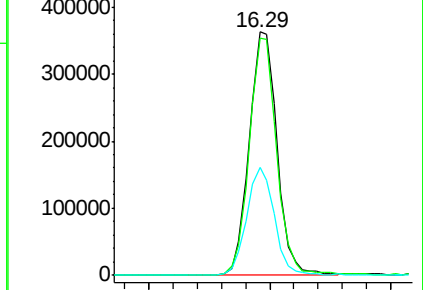
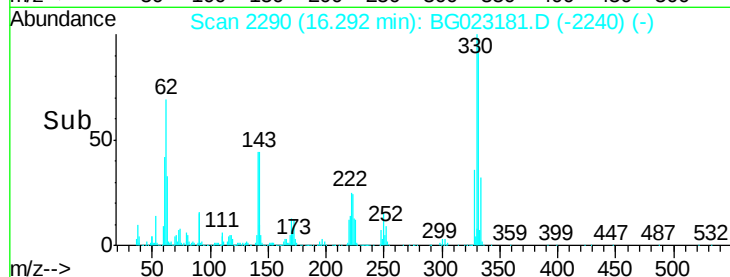
141 44.2 31.7 47.5



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: 79.02 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BG023181.D

Acq: 19 Jul 2016 18:13

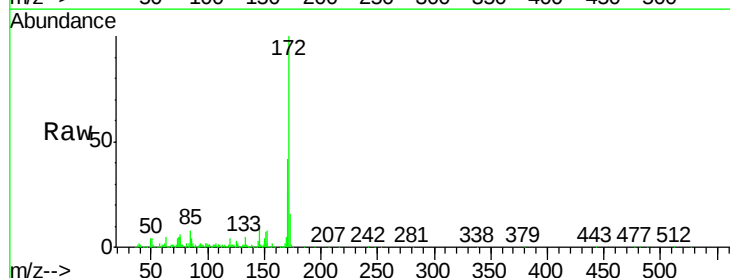
Tgt Ion:172 Resp: 1901645

Ion Ratio Lower Upper

172 100

171 42.2 31.6 47.4

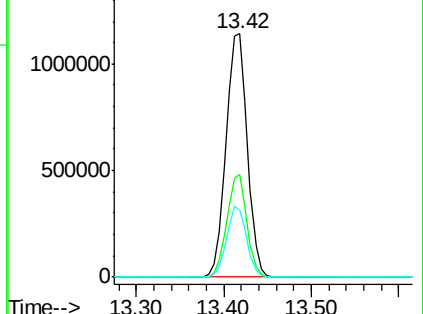
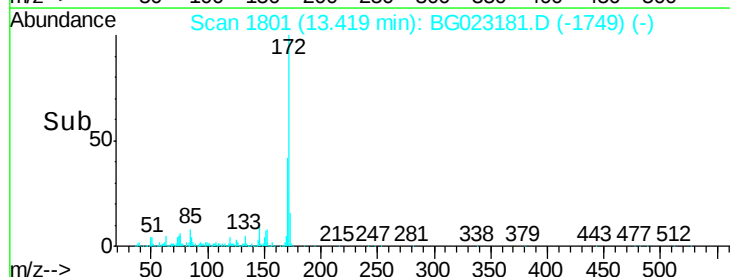
170 27.3 21.3 31.9

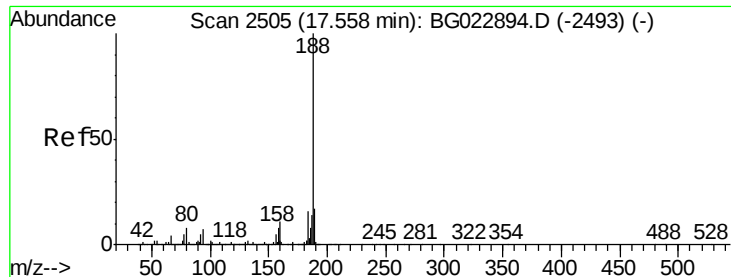


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

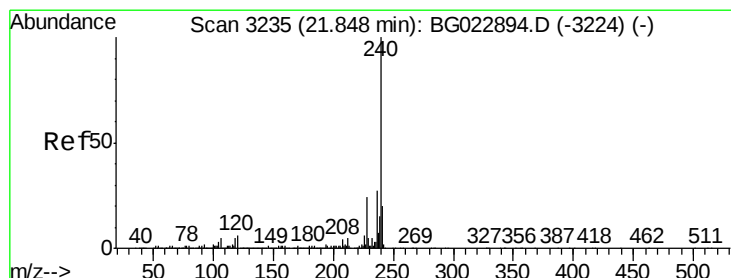
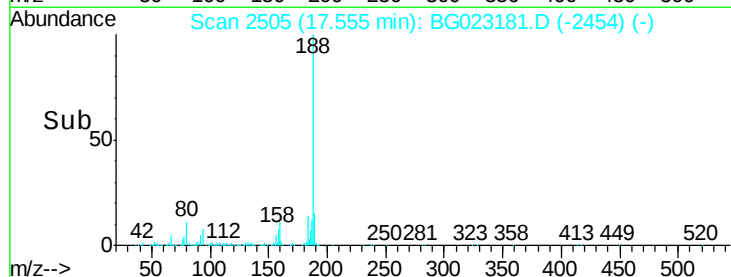
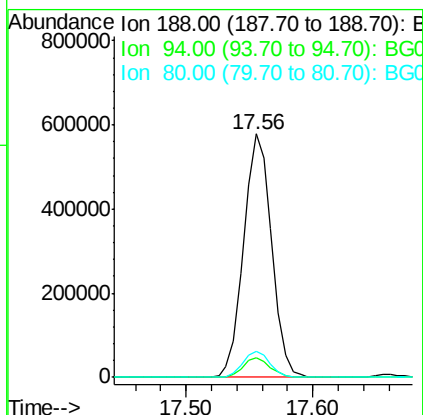
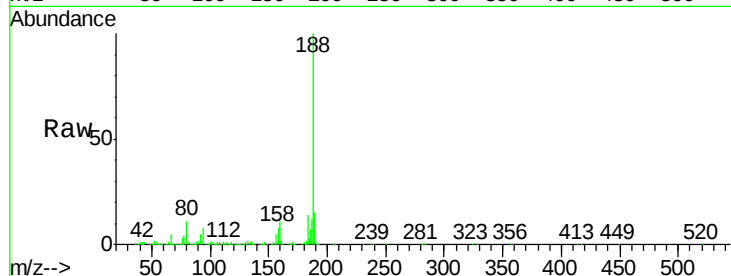




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023181.D
Acq: 19 Jul 2016 18:13

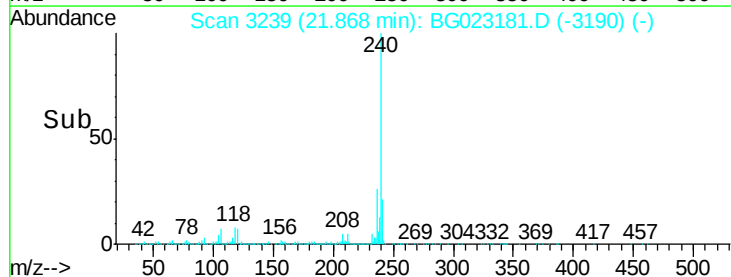
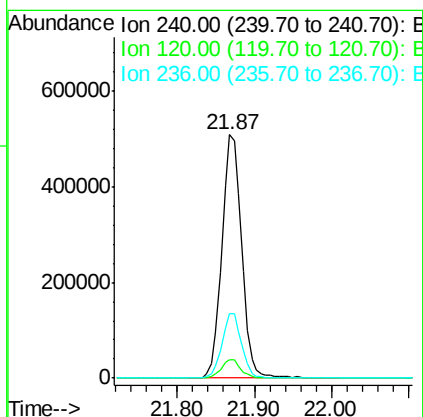
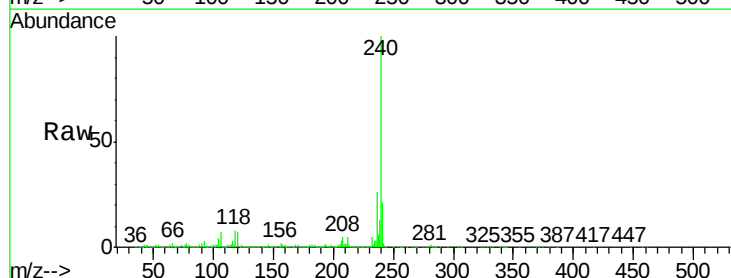
Instrument :
BNA_G
ClientSampleId :
PB92266TB

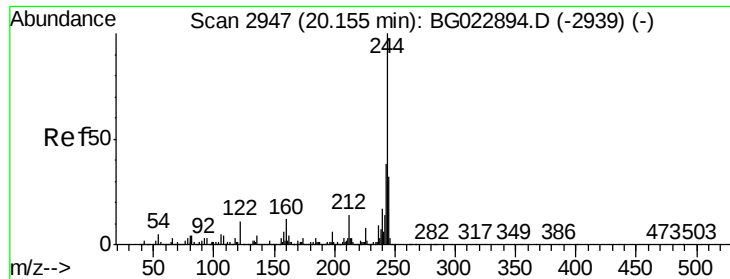
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.2	7.8#
80	10.9	7.2	10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG023181.D
Acq: 19 Jul 2016 18:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.1	6.1#
236	26.3	21.1	31.7





#78

Terphenyl-d14

Concen: 96.92 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG023181.D

Acq: 19 Jul 2016 18:13

Instrument :

BNA_G

ClientSampleId :

PB92266TB

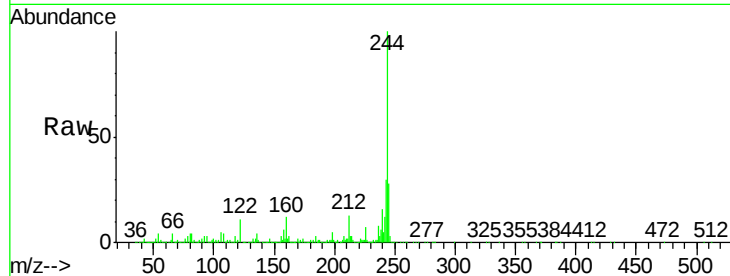
Tgt Ion:244 Resp: 2622696

Ion Ratio Lower Upper

244 100

212 13.3 10.8 16.2

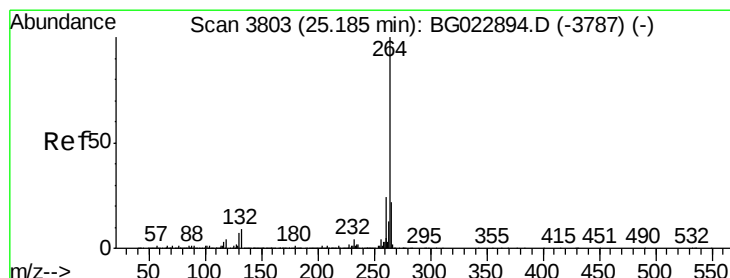
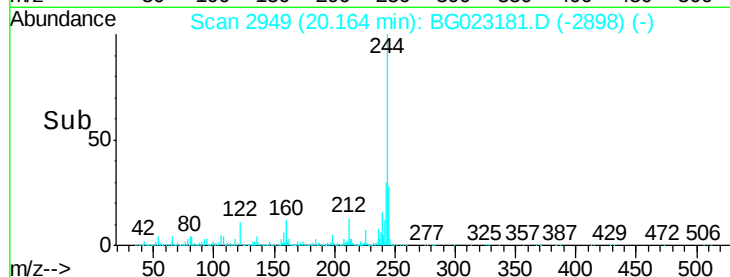
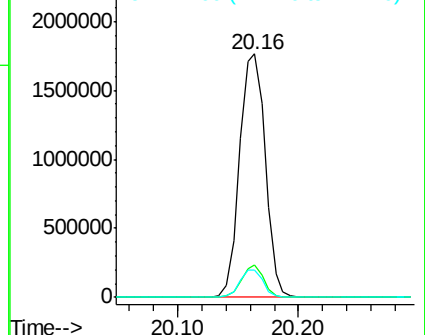
122 11.4 8.0 12.0



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: 20.00 ng

RT: 25.26 min Scan# 3817

Delta R.T. -0.01 min

Lab File: BG023181.D

Acq: 19 Jul 2016 18:13

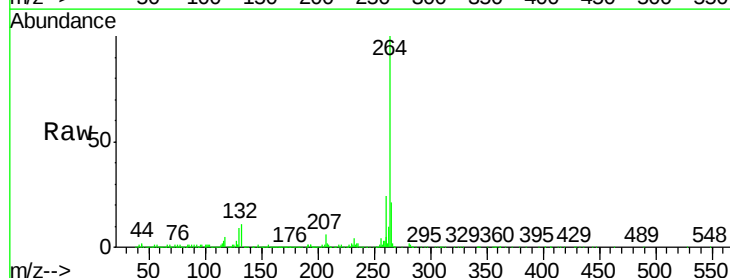
Tgt Ion:264 Resp: 860540

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 20.9 18.9 28.3



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

