

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023039.D
 Acq On : 12 Jul 2016 16:44
 Operator : UM/SJ
 Sample : PB92009TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92009TB

Quant Time: Jul 13 01:31:34 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	96193	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	479872	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	377374	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	918556	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1019939	20.00	ng	0.03
86) Perylene-d12	25.26	264	991097	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	808276	137.43	ng	0.00
7) Phenol-d6	7.31	99	1296791	140.77	ng	0.00
23) Nitrobenzene-d5	9.33	82	932013	83.16	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	729381	107.54	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2038876	85.10	ng	0.00
78) Terphenyl-d14	20.17	244	2952772	96.79	ng	0.01

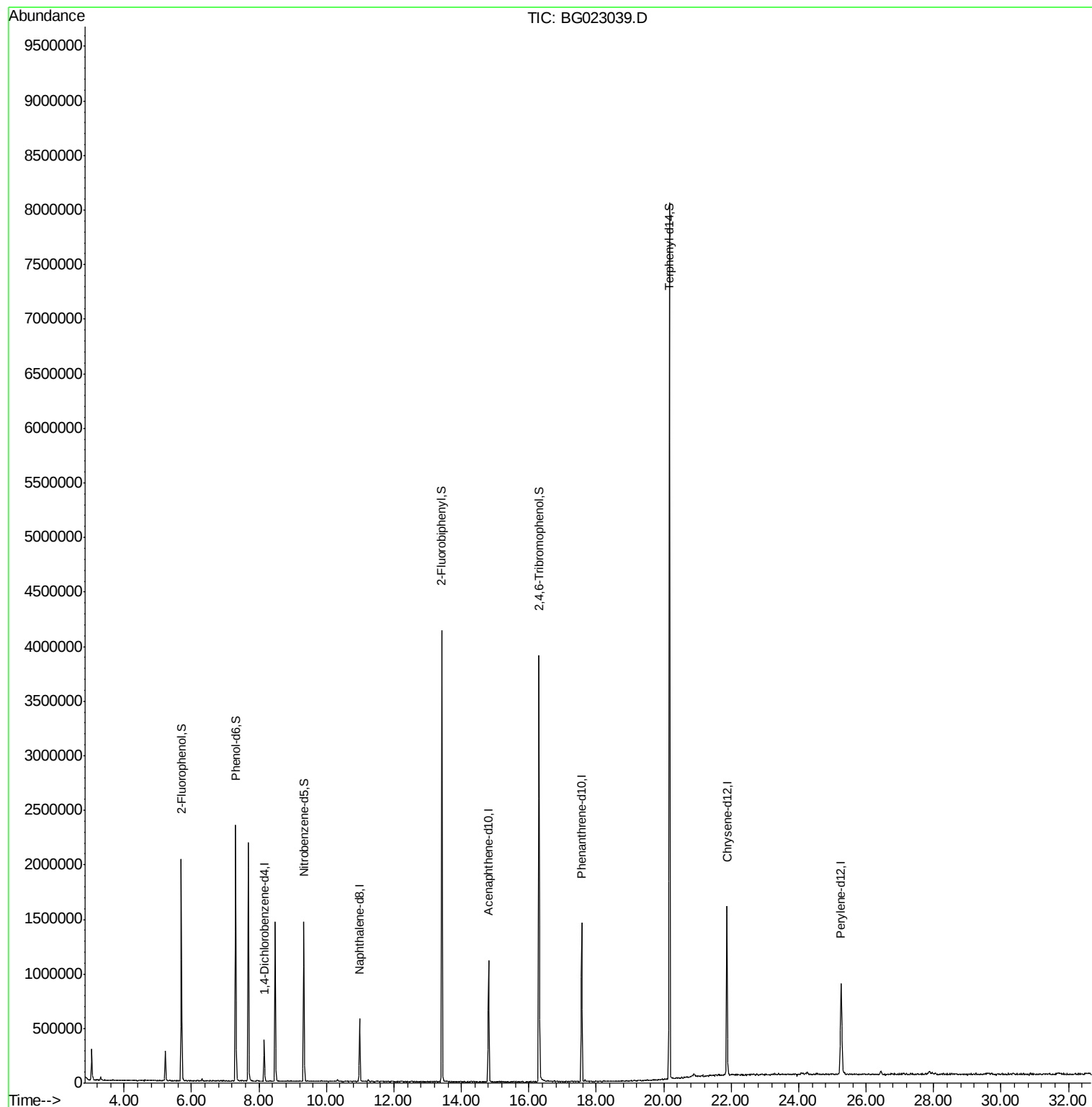
Target Compounds Qvalue

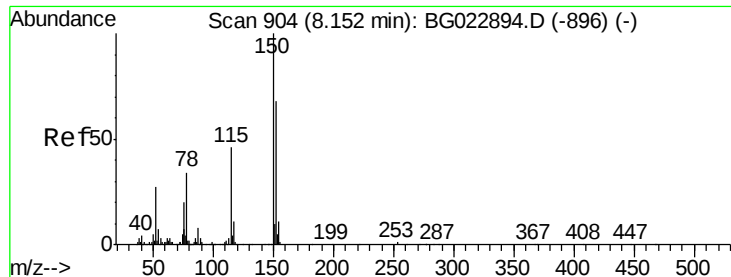
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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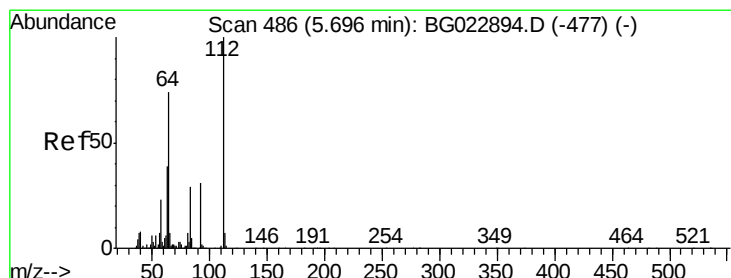
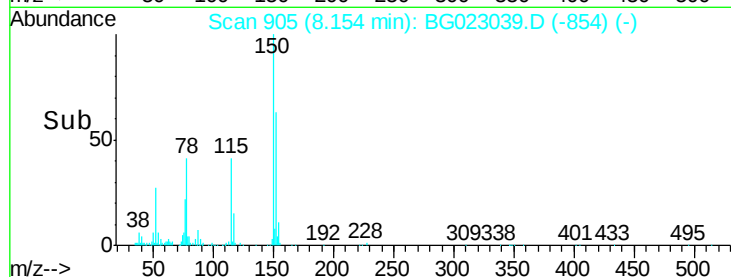
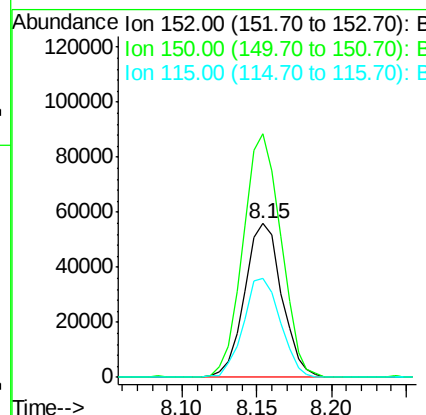
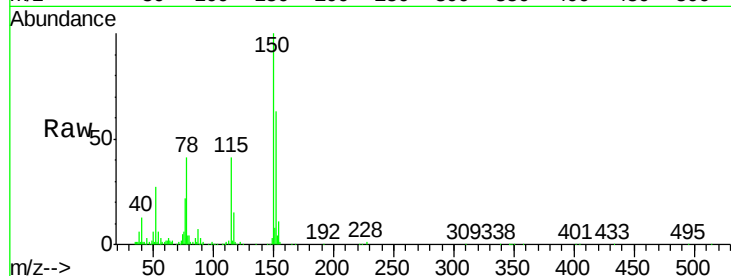


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.15 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BG023039.D
 Acq: 12 Jul 2016 16:44

Instrument :
 BNA_G
 ClientSampleId :
 PB92009TB

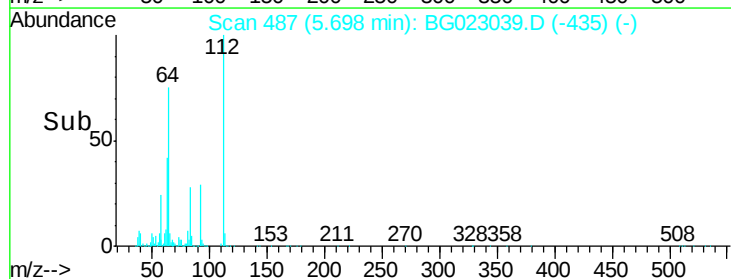
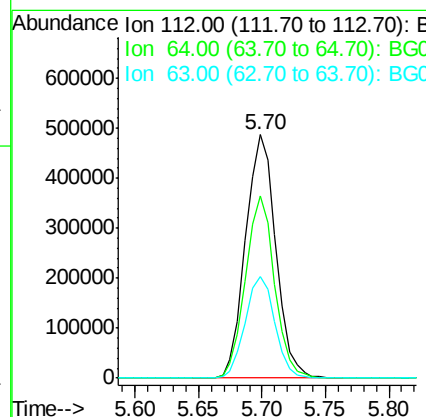
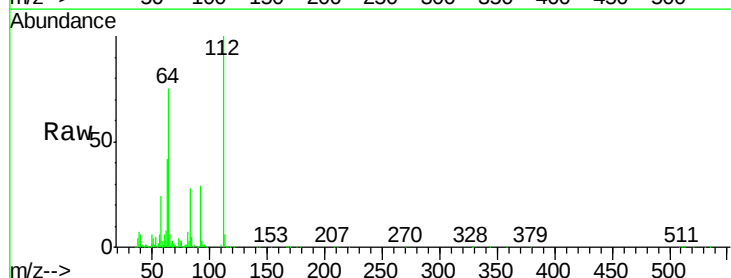
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	144.7	217.1
115	64.4	64.0	96.0

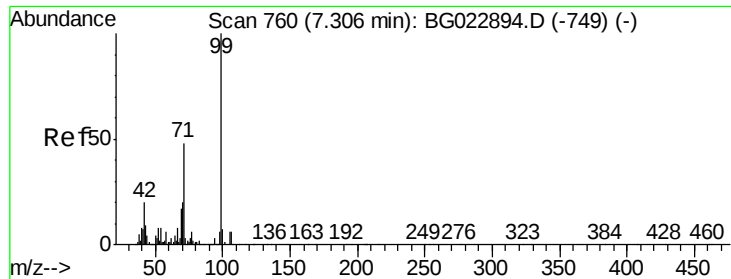


#5

2-Fluorophenol
 Concen: 137.43 ng
 RT: 5.70 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BG023039.D
 Acq: 12 Jul 2016 16:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.8	59.0	88.4
63	41.9	37.8	56.8





#7

Phenol-d6

Concen: 140.77 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023039.D

Acq: 12 Jul 2016 16:44

Instrument :

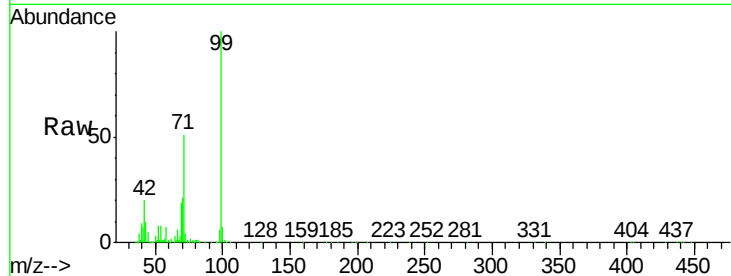
BNA_G

ClientSampleId :

PB92009TB

Tot Ion: 99 Resp: 1296791

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.8	26.6
71	50.5	41.5	62.3

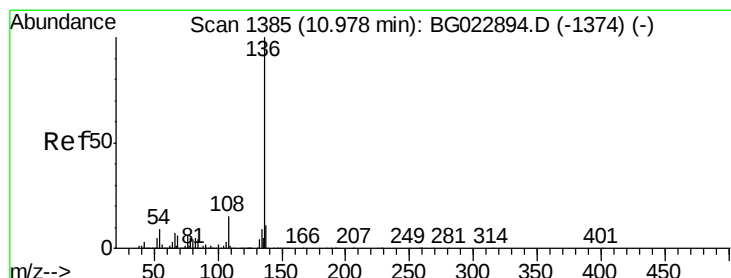
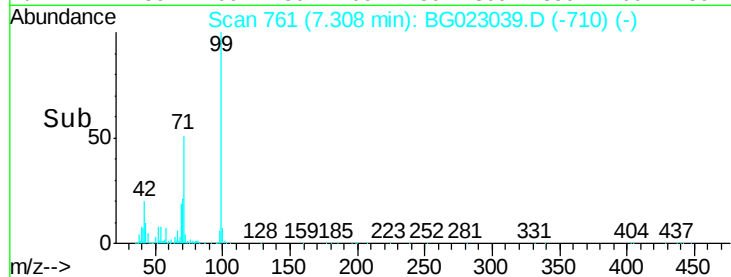
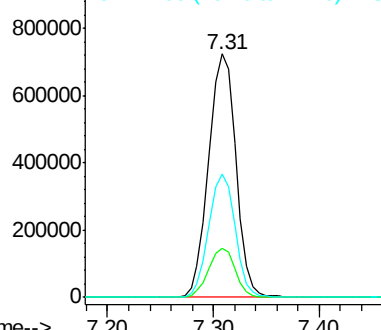


Abundance

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: 10.98 min Scan# 1386

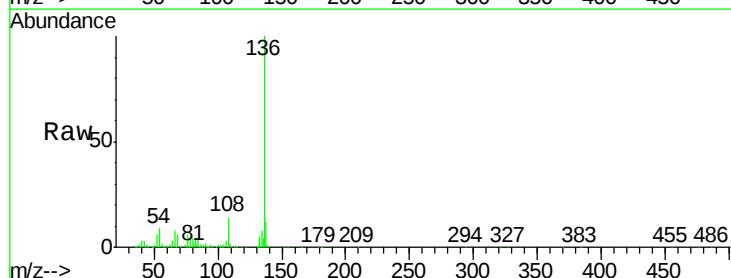
Delta R.T. 0.00 min

Lab File: BG023039.D

Acq: 12 Jul 2016 16:44

Tgt Ion: 136 Resp: 479872

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	8.9	7.3	10.9
68	6.1	5.3	7.9



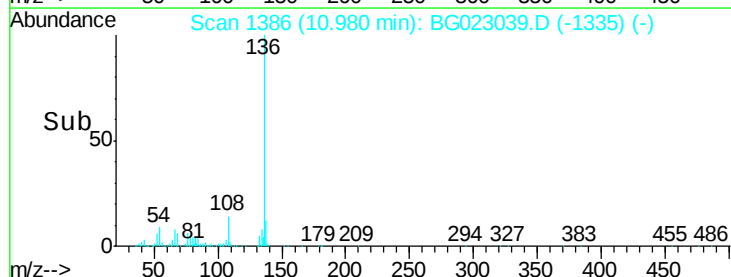
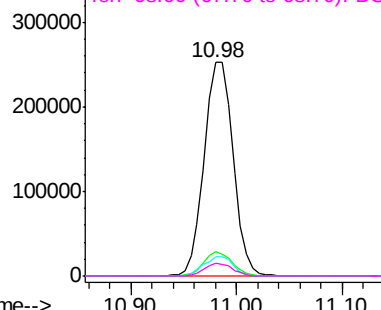
Abundance

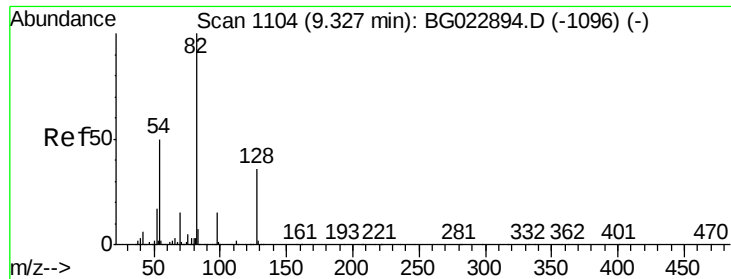
Ion 136.00 (135.70 to 136.70): BGC

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

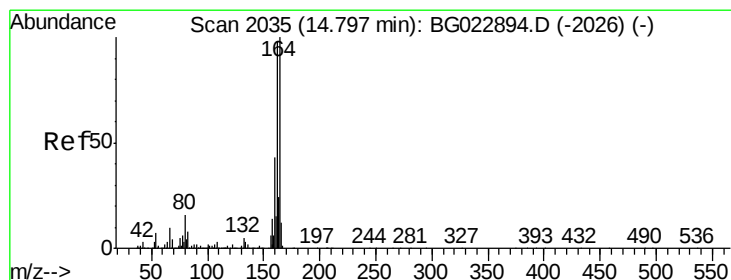
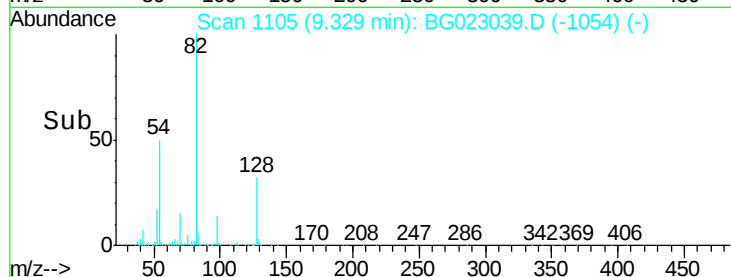
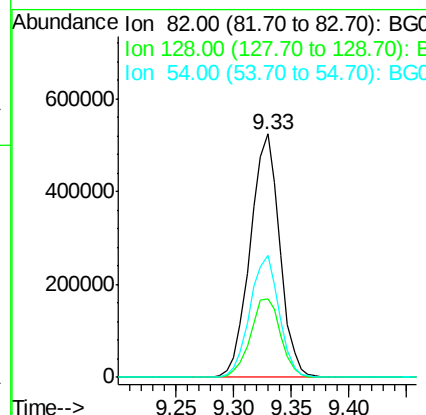
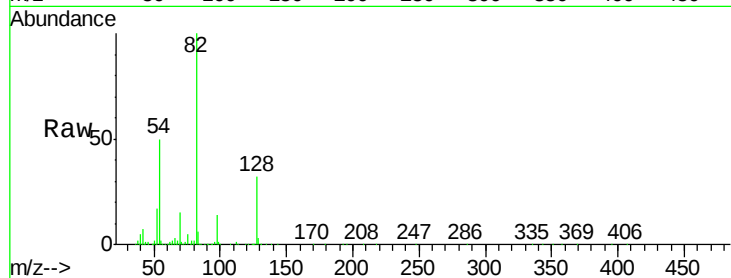




#23
 Nitrobenzene-d5
 Concen: 83.16 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023039.D
 Acq: 12 Jul 2016 16:44

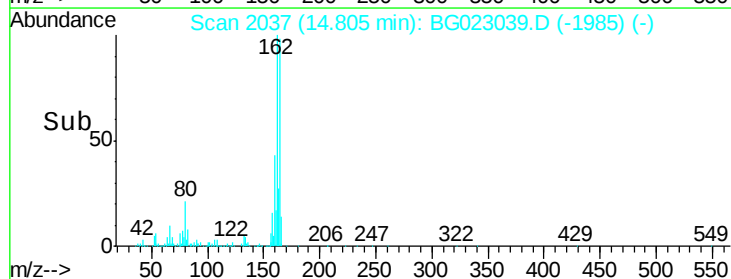
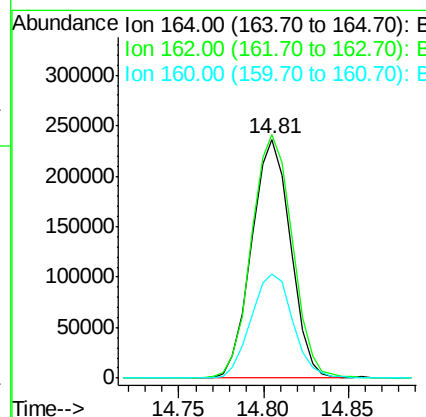
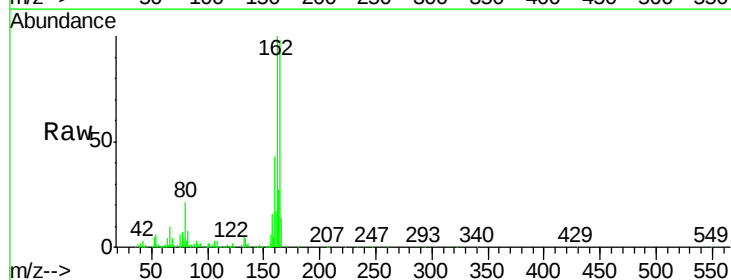
Instrument :
 BNA_G
 ClientSampleId :
 PB92009TB

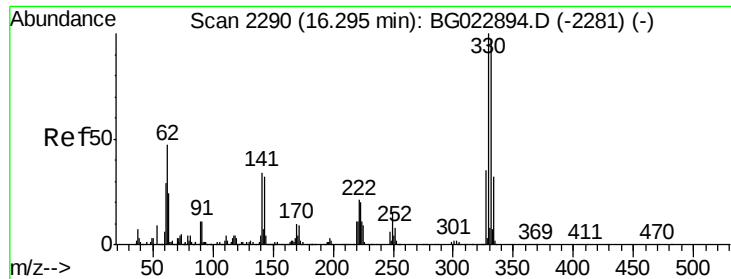
Tot Ion	82	Resp	932013
Ion Ratio	Lower	Upper	
82	100		
128	32.2	24.4	36.6
54	50.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BG023039.D
 Acq: 12 Jul 2016 16:44

Tgt Ion	164	Resp	377374
Ion Ratio	Lower	Upper	
164	100		
162	102.1	87.7	131.5
160	43.6	37.2	55.8

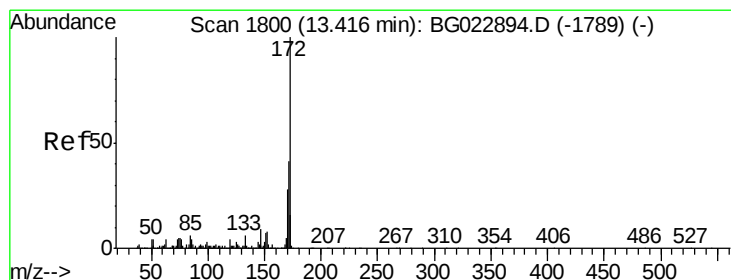
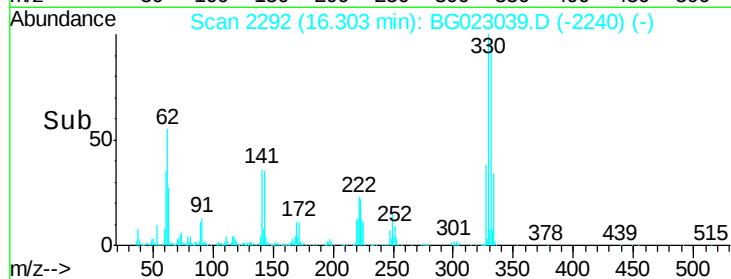
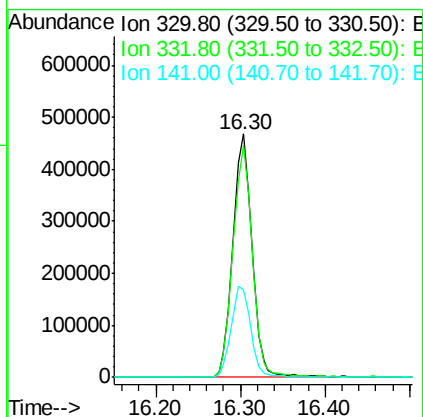
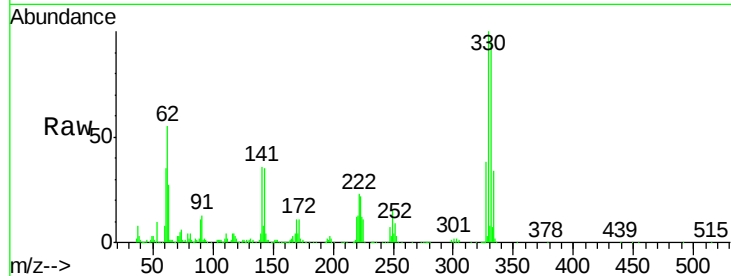




#41
 2,4,6-Tribromophenol
 Concen: 107.54 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. 0.01 min
 Lab File: BG023039.D
 Acq: 12 Jul 2016 16:44

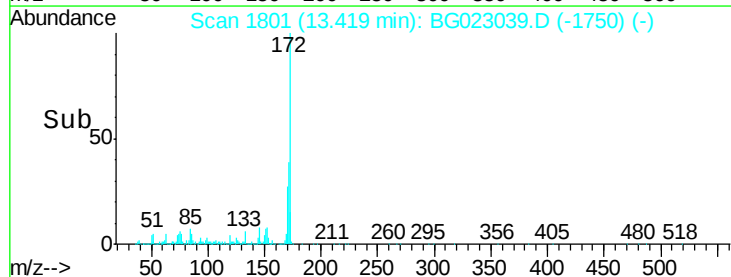
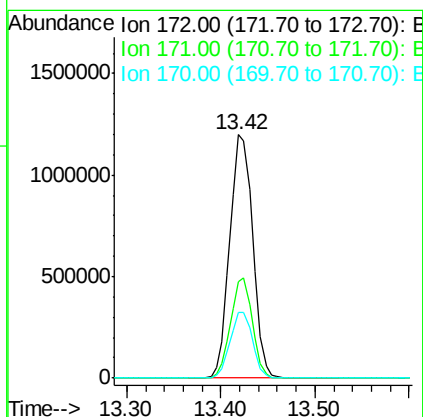
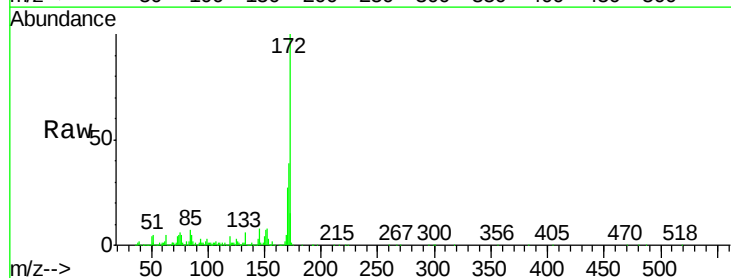
Instrument :
 BNA_G
 ClientSampleId :
 PB92009TB

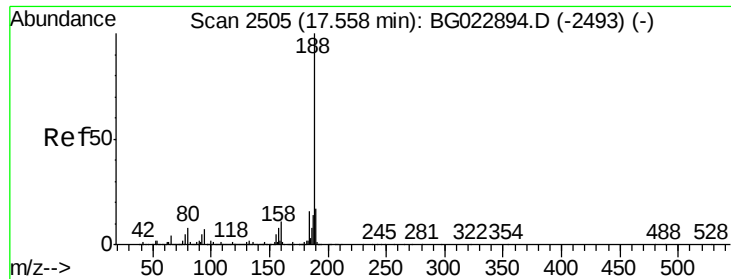
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	37.9	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 85.10 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023039.D
 Acq: 12 Jul 2016 16:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.6	47.4
170	27.0	21.3	31.9

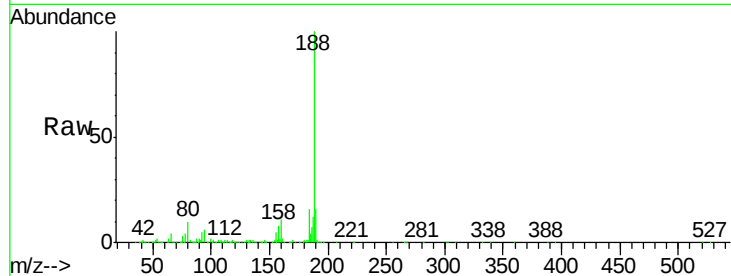




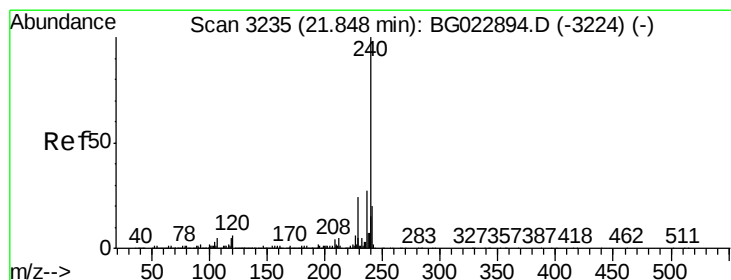
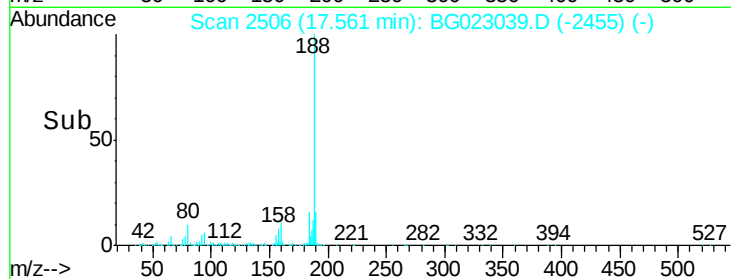
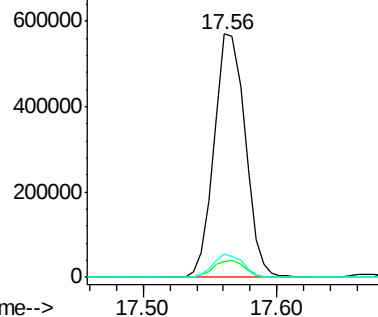
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG023039.D
Acq: 12 Jul 2016 16:44

Instrument :
BNA_G
ClientSampleId :
PB92009TB

Tot Ion:188 Resp: 918556
Ion Ratio Lower Upper
188 100
94 6.3 5.2 7.8
80 9.6 7.2 10.8

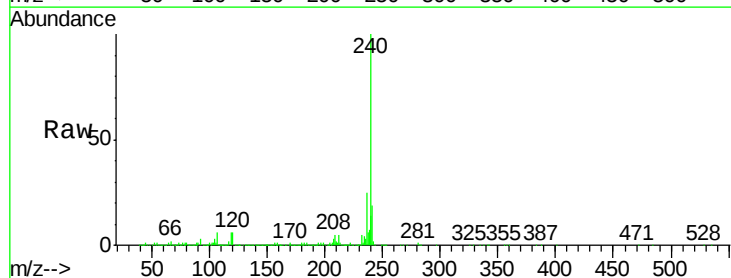


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

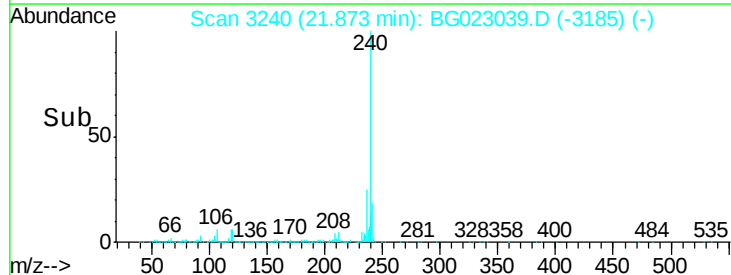
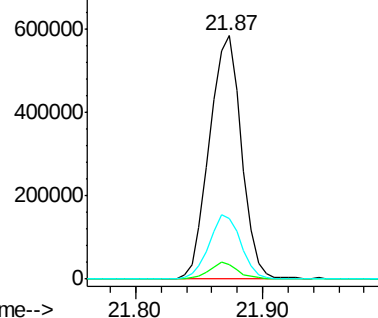


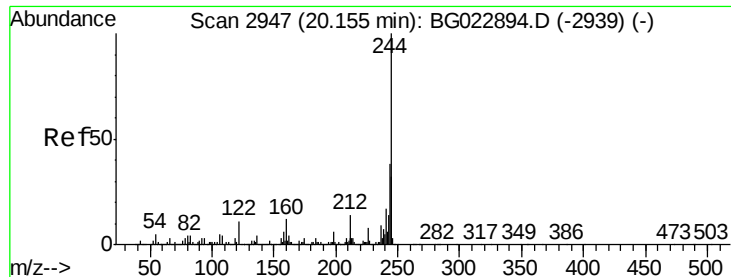
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.03 min
Lab File: BG023039.D
Acq: 12 Jul 2016 16:44

Tgt Ion:240 Resp: 1019939
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 24.8 21.1 31.7



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: 96.79 ng

RT: 20.17 min Scan# 2950

Delta R.T. 0.01 min

Lab File: BG023039.D

Acq: 12 Jul 2016 16:44

Instrument :

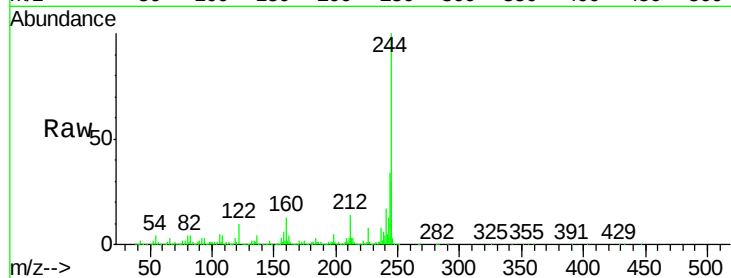
BNA_G

ClientSampleId :

PB92009TB

Tot Ion:244 Resp: 2952772

Ion	Ratio	Lower	Upper
244	100		
212	14.1	10.8	16.2
122	10.4	8.0	12.0

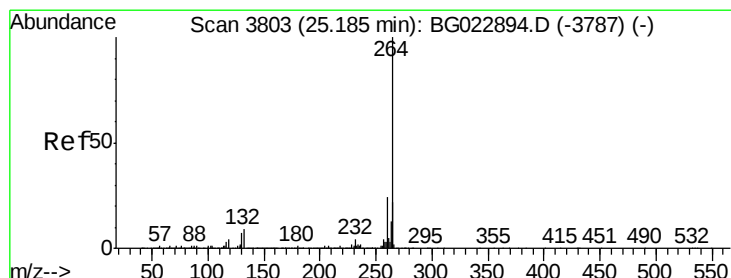
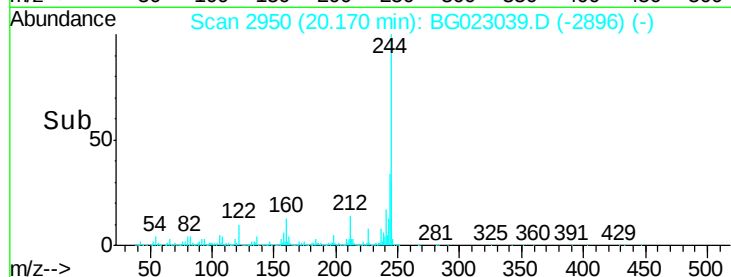
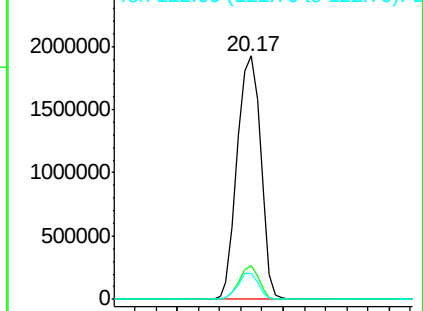


Abundance

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# 3816

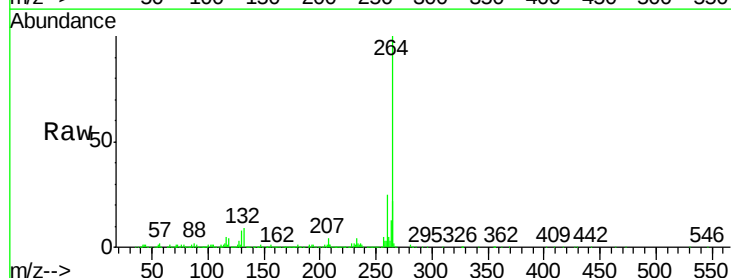
Delta R.T. 0.07 min

Lab File: BG023039.D

Acq: 12 Jul 2016 16:44

Tgt Ion:264 Resp: 991097

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	22.2	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

