

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023870.D
 Acq On : 24 Aug 2016 1:45
 Operator : UM/SJ
 Sample : H4554-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-4

Quant Time: Aug 24 04:50:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

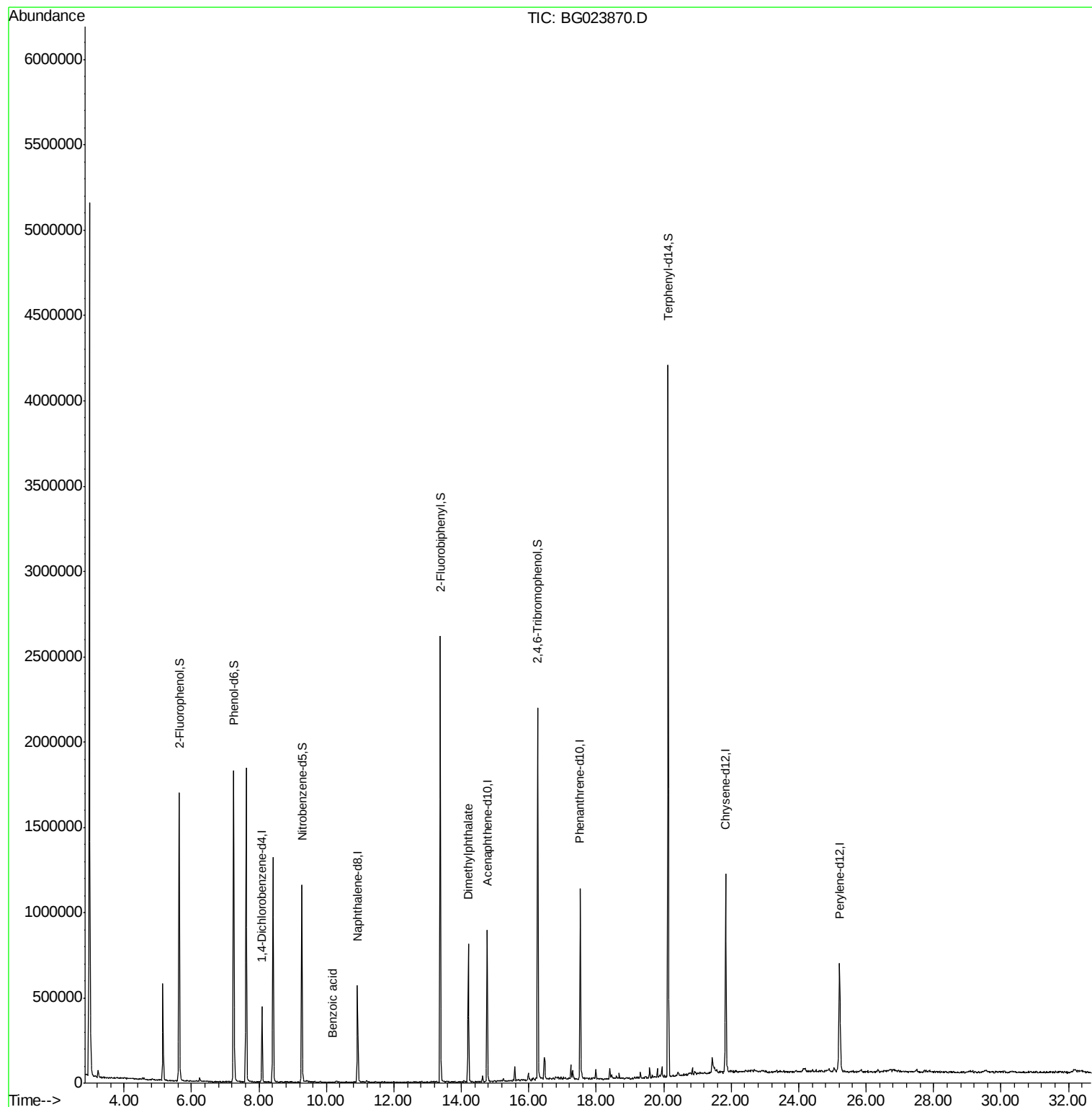
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	116415	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	479112	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	300491	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	667331	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	701029	20.00	ng	-0.03
86) Perylene-d12	25.21	264	683922	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	725094	104.84	ng	-0.03
7) Phenol-d6	7.25	99	1091567	101.33	ng	-0.03
23) Nitrobenzene-d5	9.27	82	772419	80.15	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	385738	87.76	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1302785	73.13	ng	-0.02
78) Terphenyl-d14	20.13	244	1658058	70.82	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.24	77	2324	Below Cal	#	8
32) Benzoic acid	10.18	122	61	6.45 ng	#	1
49) Dimethylphthalate	14.20	163	492733	21.37 ng		97
73) Di-n-butylphthalate	18.48	149	1731	Below Cal	#	73
74) Fluoranthene	19.58	202	37693	Below Cal		95
77) Pyrene	19.94	202	37599	Below Cal		95

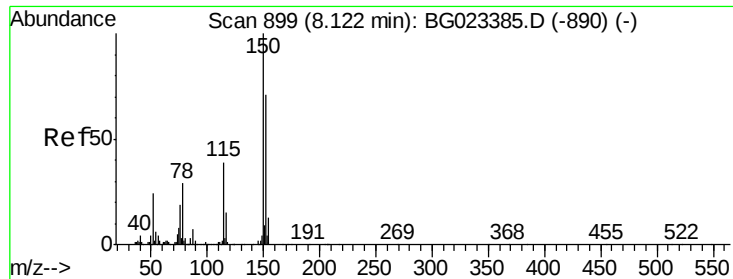
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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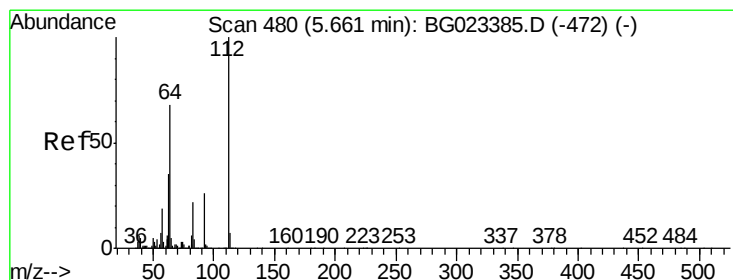
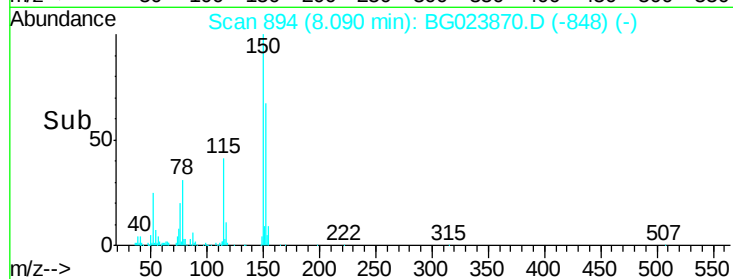
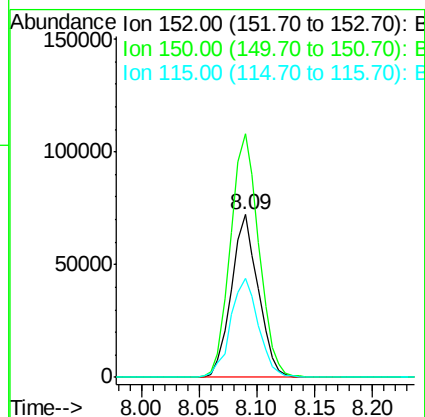
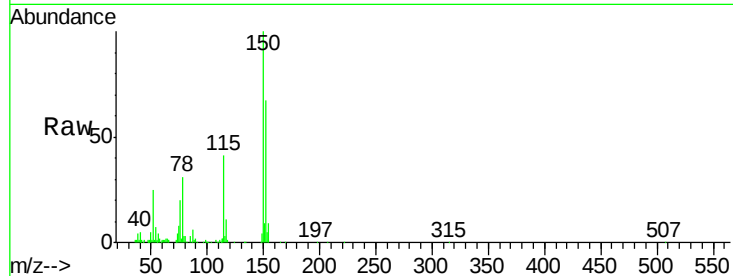


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023870.D
Acq: 24 Aug 2016 1:45

Instrument :
BNA_G
ClientSampleId :
P-4

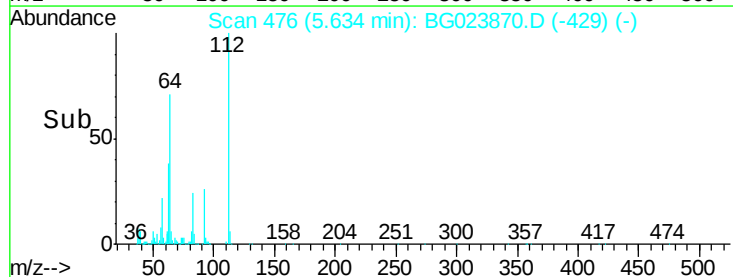
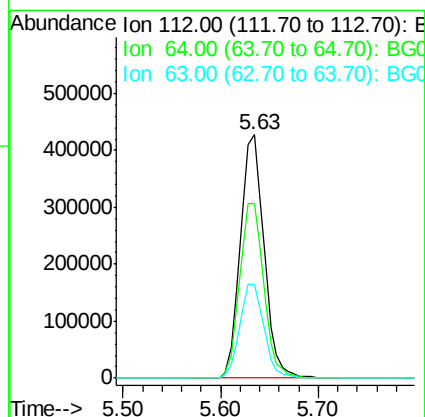
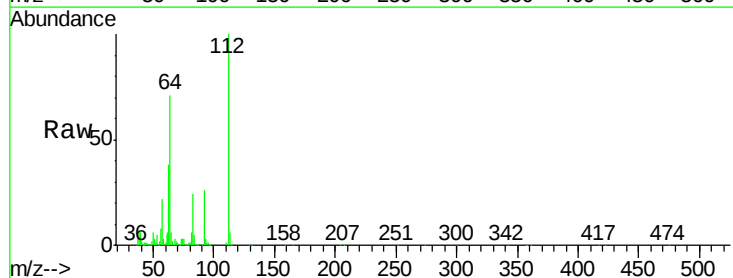
Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.6	144.7	217.1
115	61.0	64.0	96.0

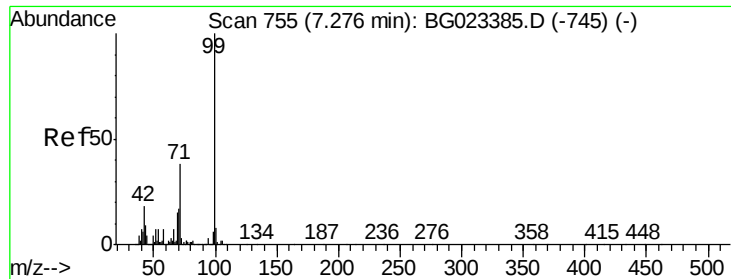


#5

2-Fluorophenol
Concen: 104.84 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.03 min
Lab File: BG023870.D
Acq: 24 Aug 2016 1:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	59.0	88.4
63	38.5	37.8	56.8





#7

Phenol-d6

Concen: 101.33 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

Instrument :

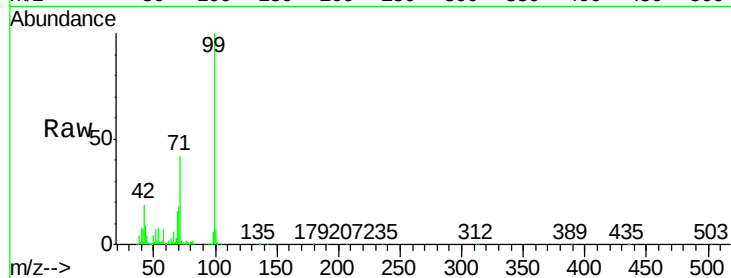
BNA_G

ClientSampleId :

P-4

Tgt Ion: 99 Resp: 1091567

Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.8	26.6
71	41.9	41.5	62.3

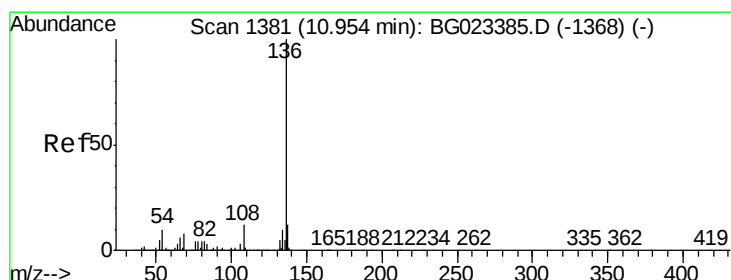
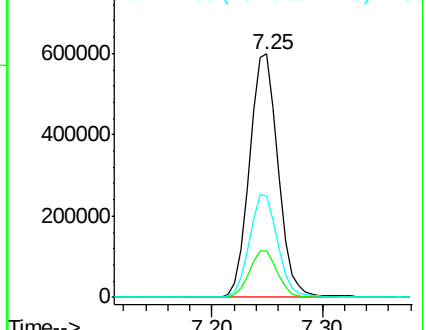
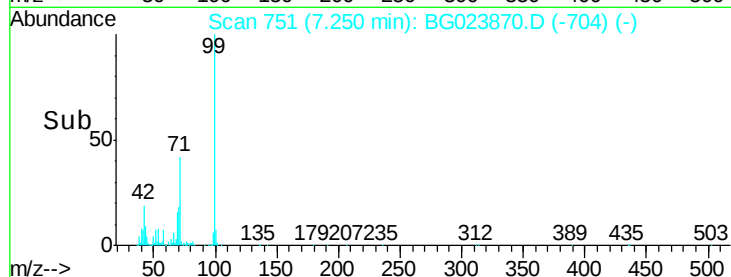


Abundance

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: 10.92 min Scan# 1376

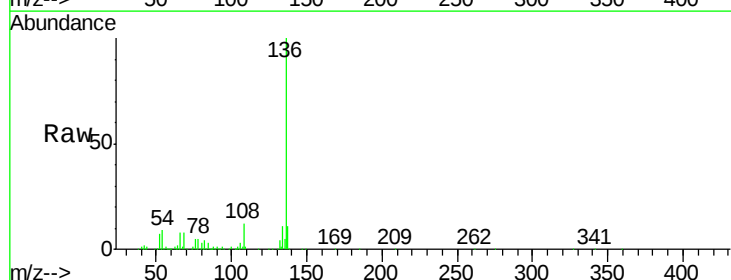
Delta R.T. -0.03 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

Tgt Ion: 136 Resp: 479112

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.2	7.3	10.9
68	7.9	5.3	7.9#



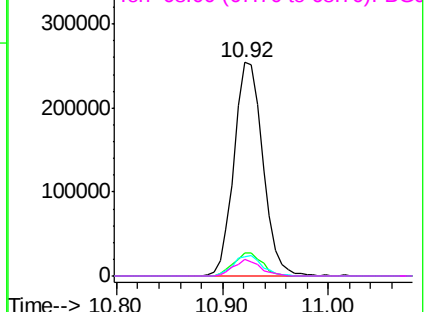
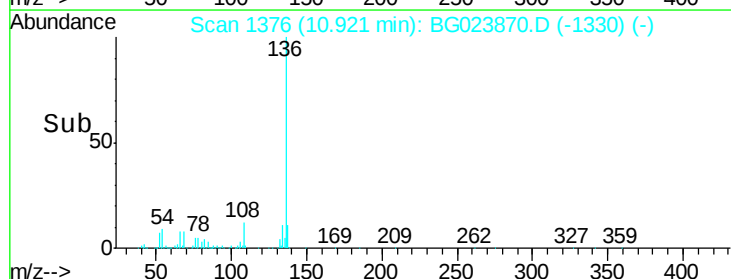
Abundance

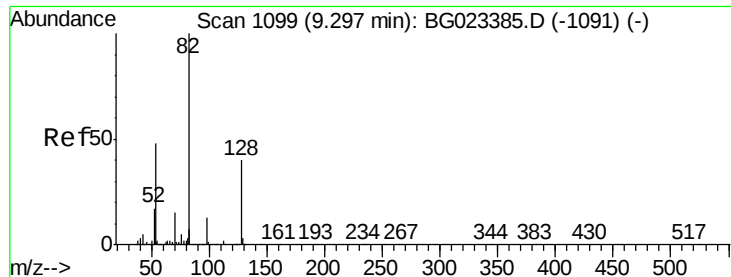
Ion 136.00 (135.70 to 136.70): BGC

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

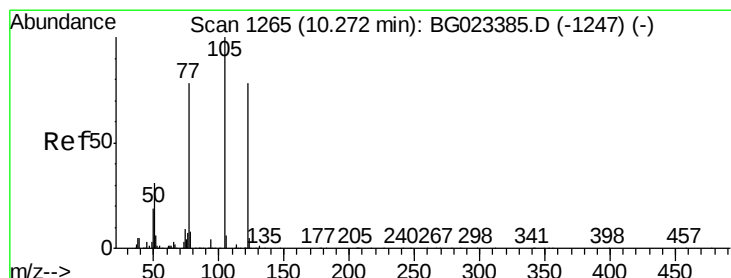
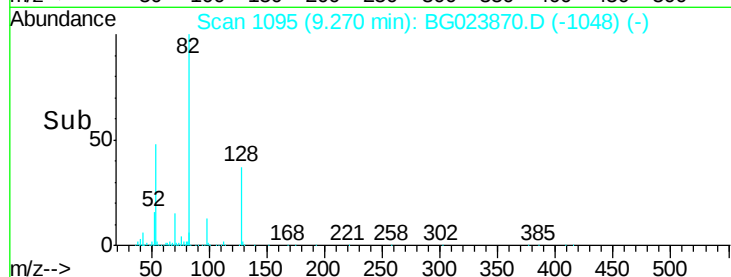
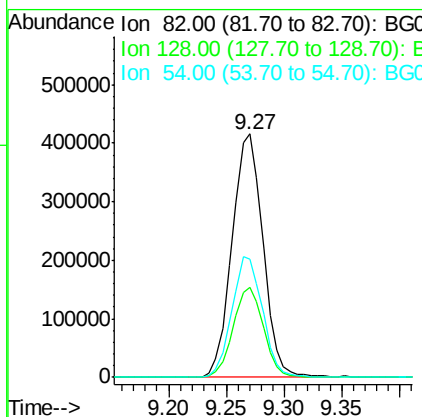
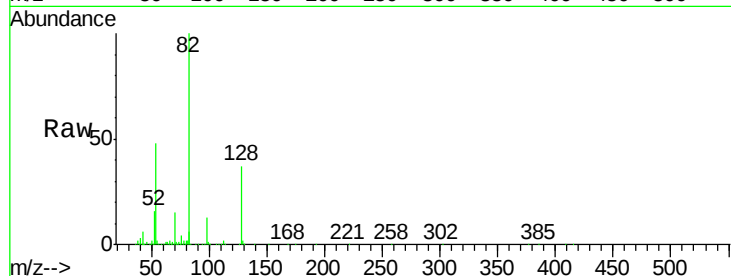




#23
 Nitrobenzene-d5
 Concen: 80.15 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023870.D
 Acq: 24 Aug 2016 1:45

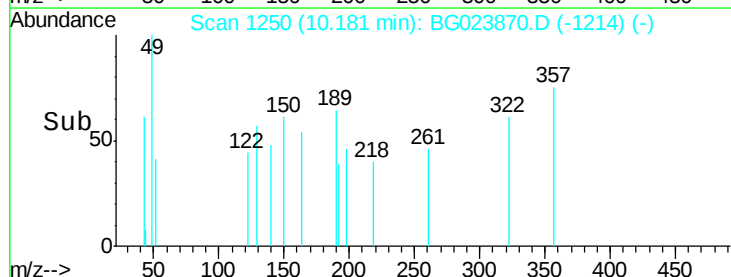
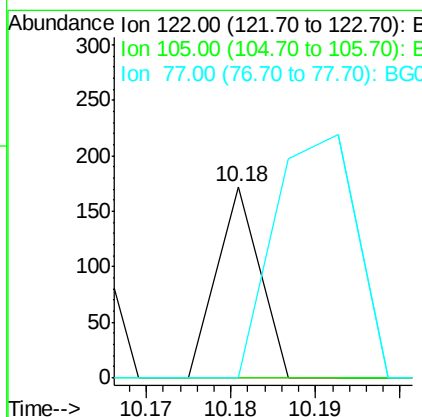
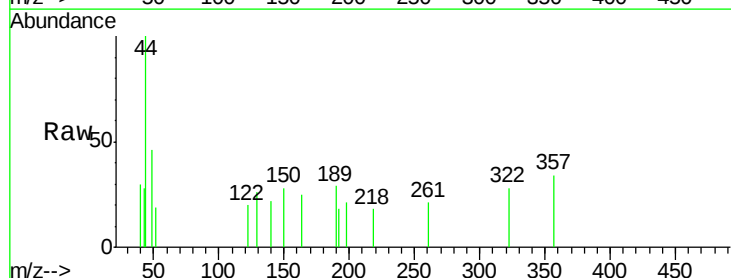
Instrument :
 BNA_G
 ClientSampled :
 P-4

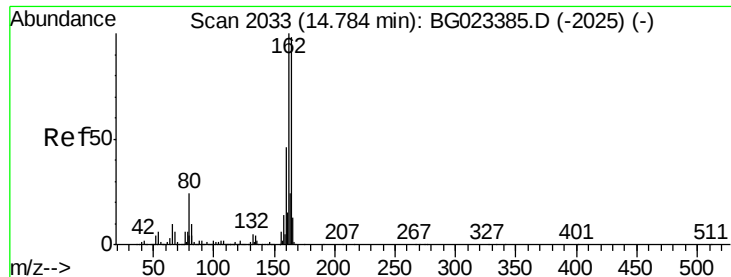
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.9	24.4	36.6#
54	48.4	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.18 min Scan# 1250
 Delta R.T. -0.09 min
 Lab File: BG023870.D
 Acq: 24 Aug 2016 1:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#

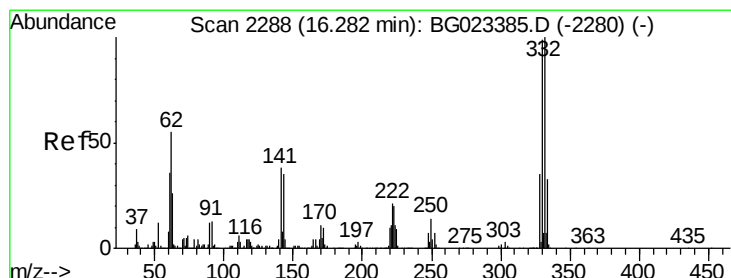
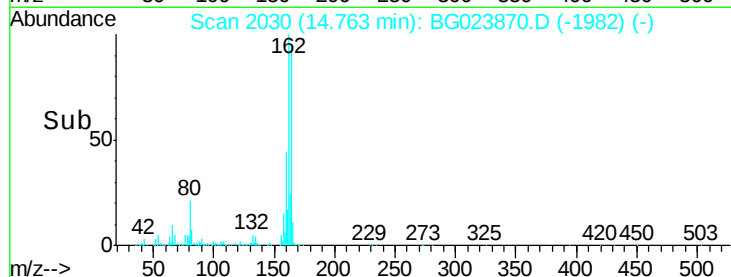
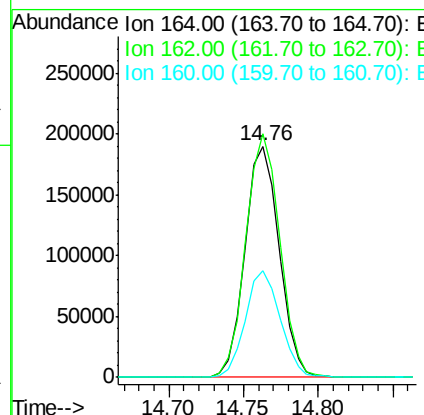
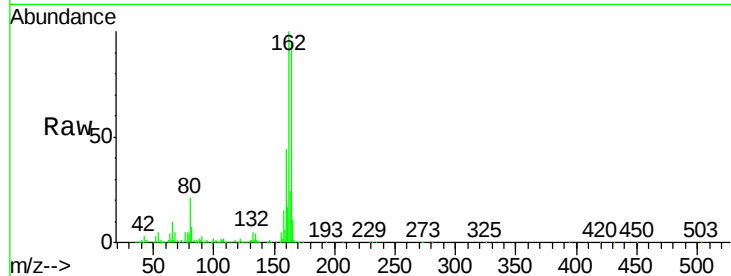




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023870.D
 Acq: 24 Aug 2016 1:45

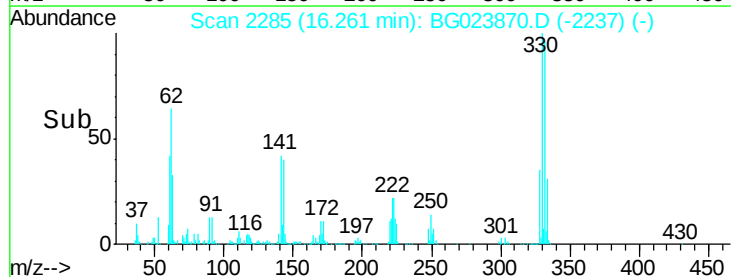
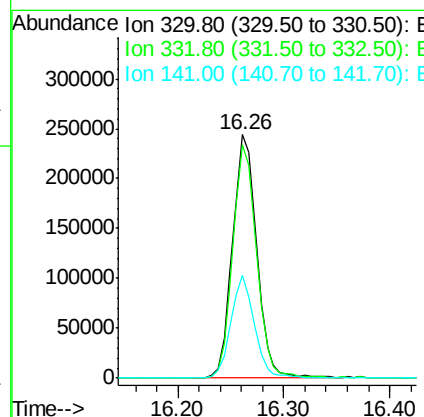
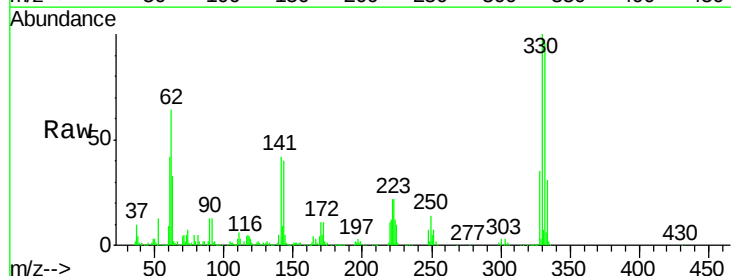
Instrument :
 BNA_G
 ClientSampled :
 P-4

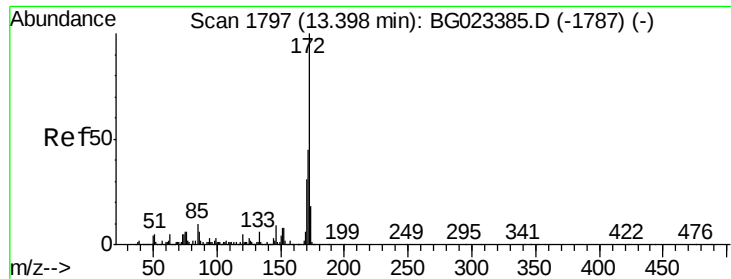
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	87.7	131.5
160	46.0	37.2	55.8



#41
 2,4,6-Tribromophenol
 Concen: 87.76 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG023870.D
 Acq: 24 Aug 2016 1:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.2
141	40.8	31.7	47.5

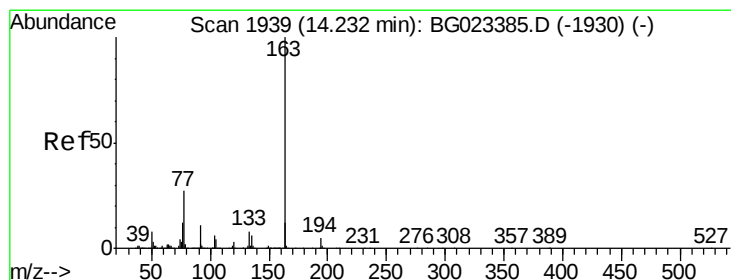
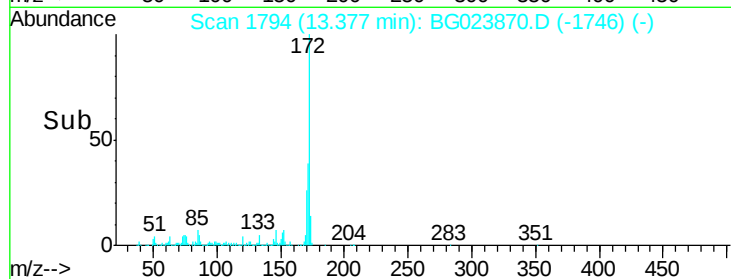
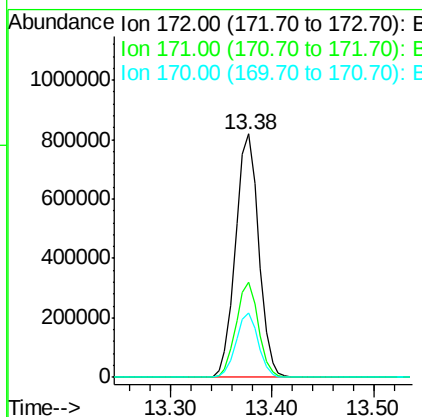
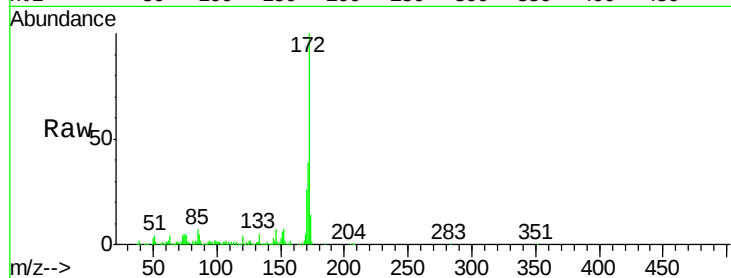




#44
2-Fluorobiphenyl
Concen: 73.13 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023870.D
Acq: 24 Aug 2016 1:45

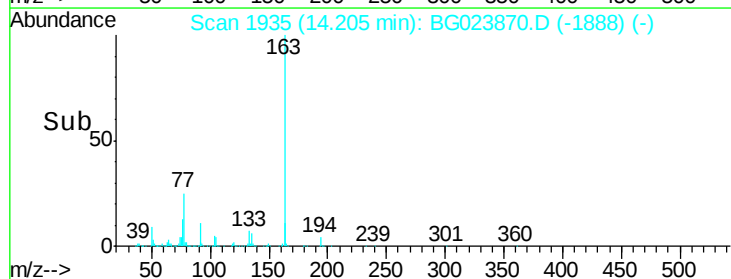
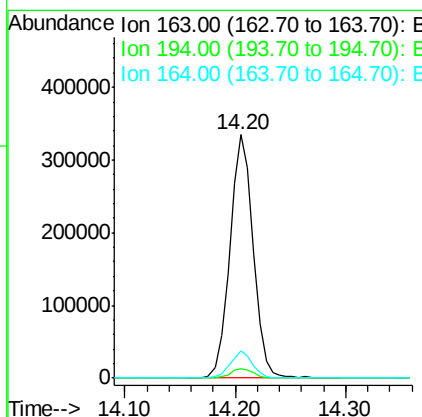
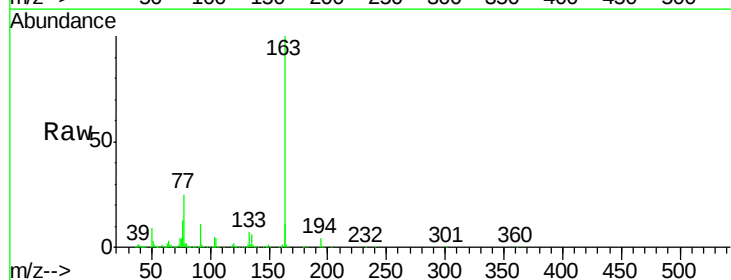
Instrument :
BNA_G
ClientSampleId :
P-4

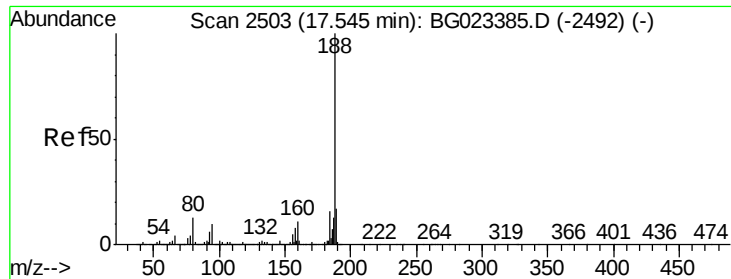
Tgt Ion:172 Resp: 1302785
Ion Ratio Lower Upper
172 100
171 39.1 31.6 47.4
170 26.5 21.3 31.9



#49
Dimethylphthalate
Concen: 21.37 ng
RT: 14.20 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG023870.D
Acq: 24 Aug 2016 1:45

Tgt Ion:163 Resp: 492733
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 11.3 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

Instrument :

BNA_G

ClientSampleId :

P-4

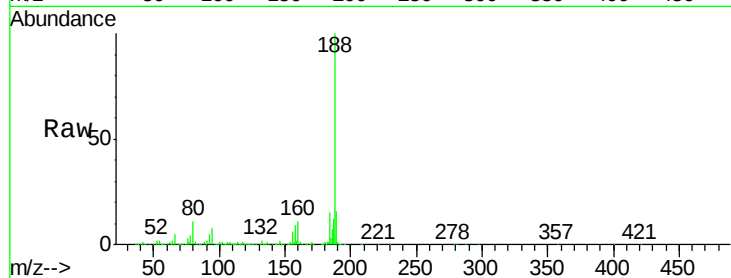
Tgt Ion:188 Resp: 667331

Ion Ratio Lower Upper

188 100

94 8.0 5.2 7.8#

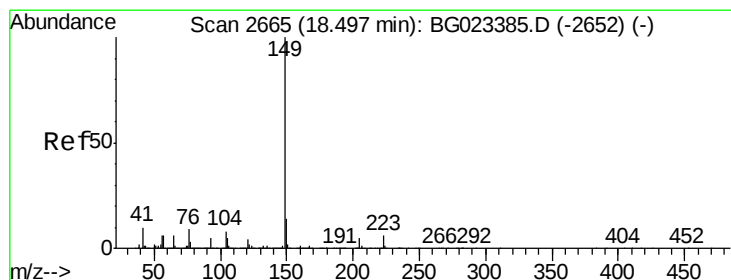
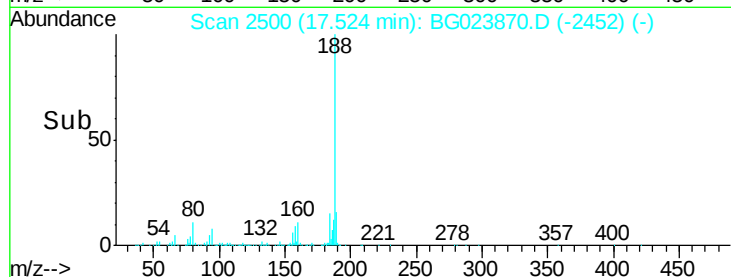
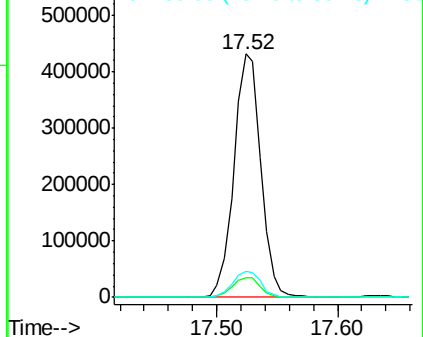
80 10.9 7.2 10.8#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.48 min Scan# 2662

Delta R.T. -0.02 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

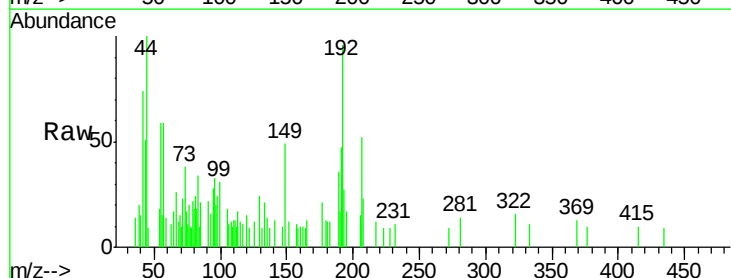
Tgt Ion:149 Resp: 1731

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

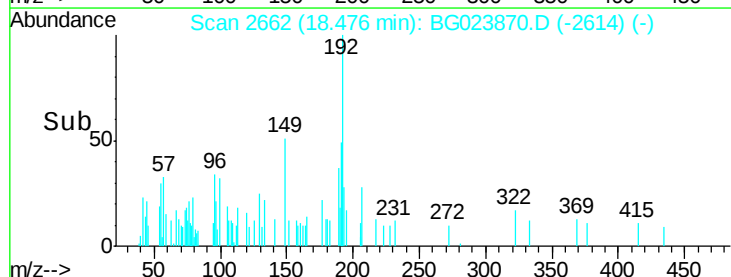
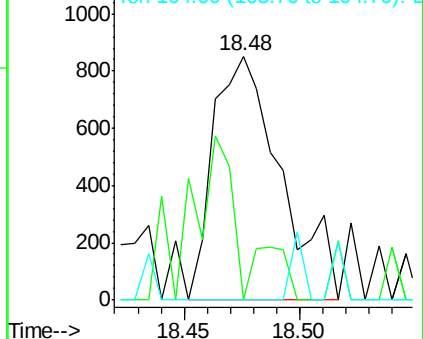
104 0.0 6.9 10.3#

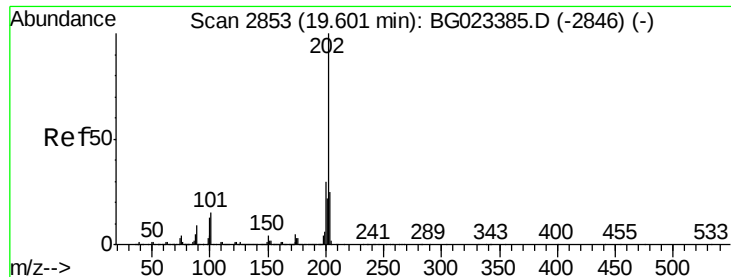


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

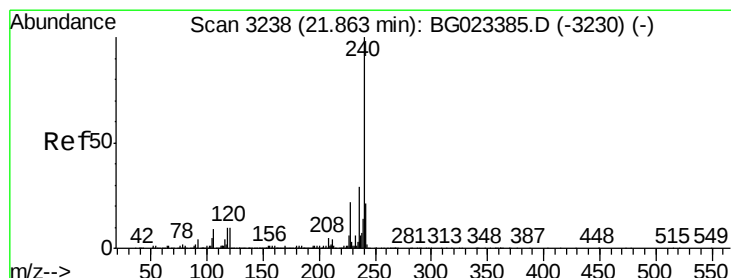
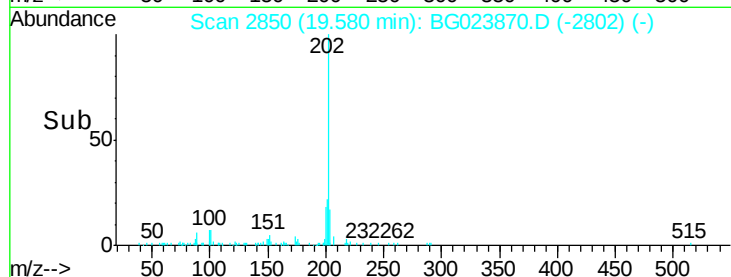
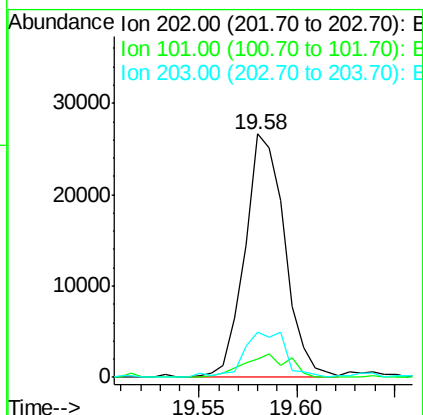
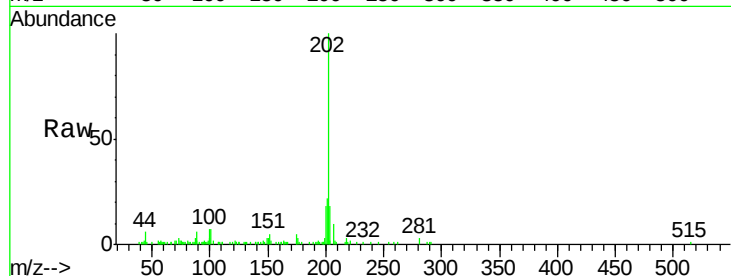




#74
Fluoranthene
Concen: Below Cal
RT: 19.58 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG023870.D
Acq: 24 Aug 2016 1:45

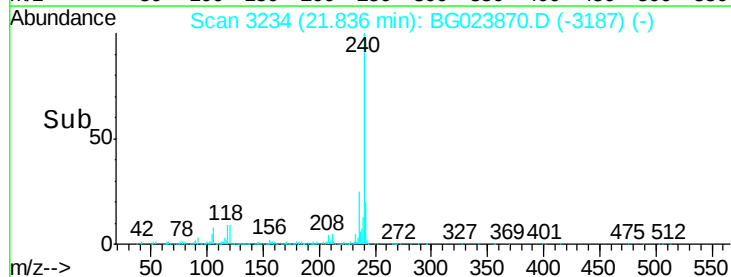
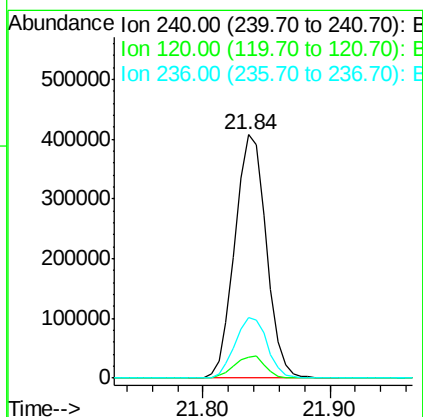
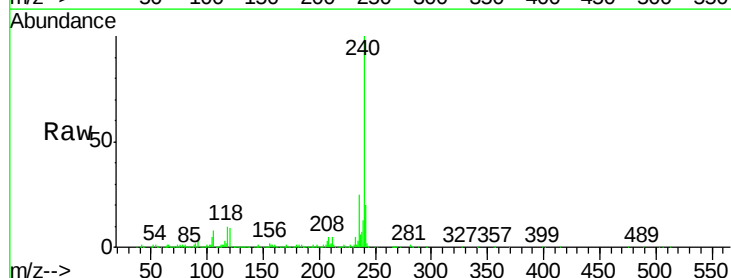
Instrument :
BNA_G
ClientSampleId :
P-4

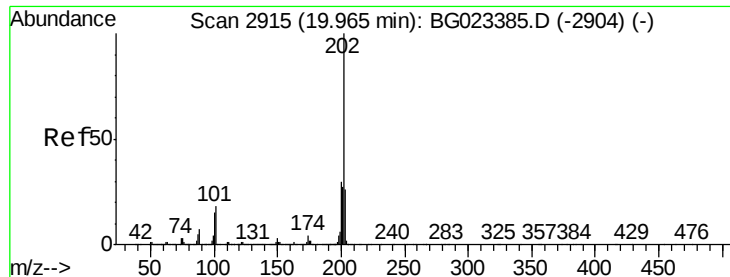
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.4
203	18.4	1.7	41.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.03 min
Lab File: BG023870.D
Acq: 24 Aug 2016 1:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	4.1	6.1#
236	25.0	21.1	31.7





#77

Pyrene

Concen: Below Cal

RT: 19.94 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

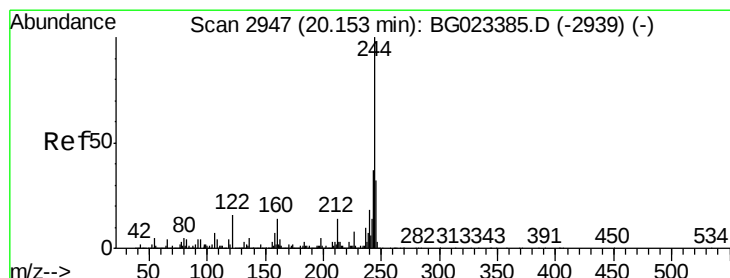
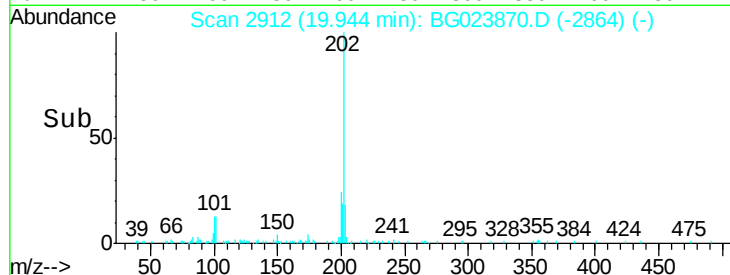
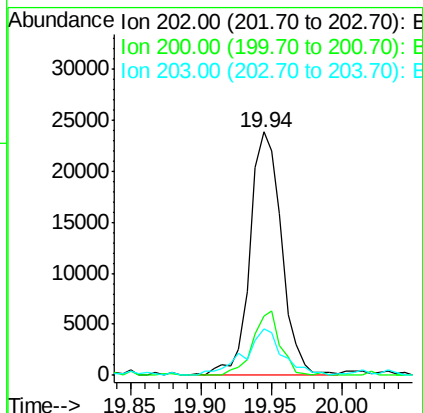
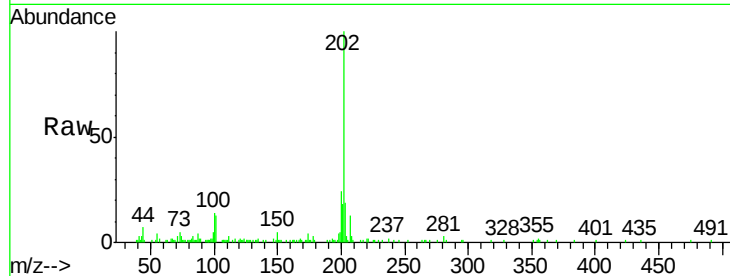
Instrument :

BNA_G

ClientSampleId :

P-4

Tgt Ion:	202	Resp:	37599
Ion	Ratio	Lower	Upper
202	100		
200	24.1	21.2	31.8
203	18.9	16.8	25.2



#78

Terphenyl-d14

Concen: 70.82 ng

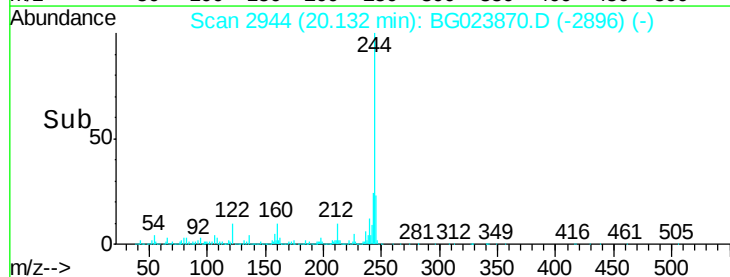
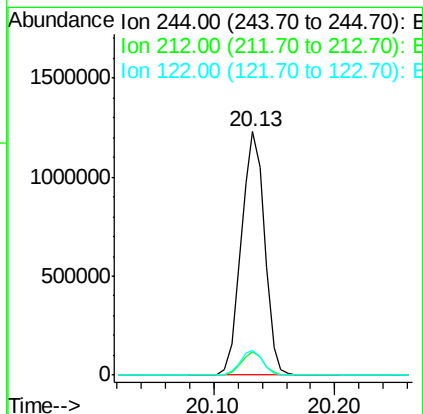
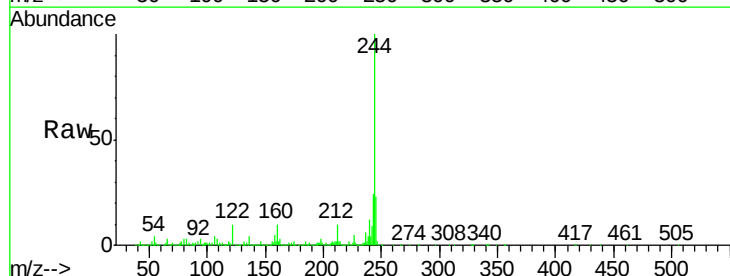
RT: 20.13 min Scan# 2944

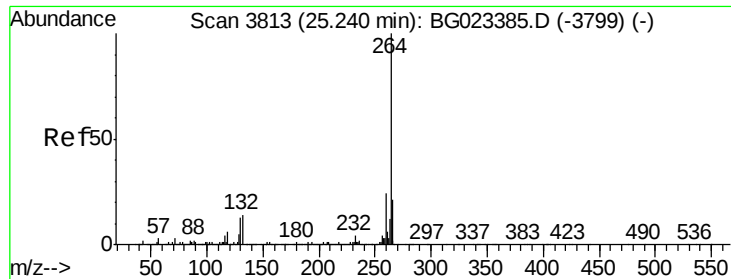
Delta R.T. -0.02 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

Tgt Ion:	244	Resp:	1658058
Ion	Ratio	Lower	Upper
244	100		
212	9.7	10.8	16.2#
122	10.0	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3809
Delta R.T. -0.03 min
Lab File: BG023870.D
Acq: 24 Aug 2016 1:45

Instrument :
BNA_G
ClientSampleId :
P-4

Tgt Ion: 264 Resp: 683922
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.8 18.9 28.3

