

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080216\
 Data File : BG023408.D
 Acq On : 2 Aug 2016 23:01
 Operator : UM/SJ
 Sample : H4270-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Aug 03 02:29:33 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

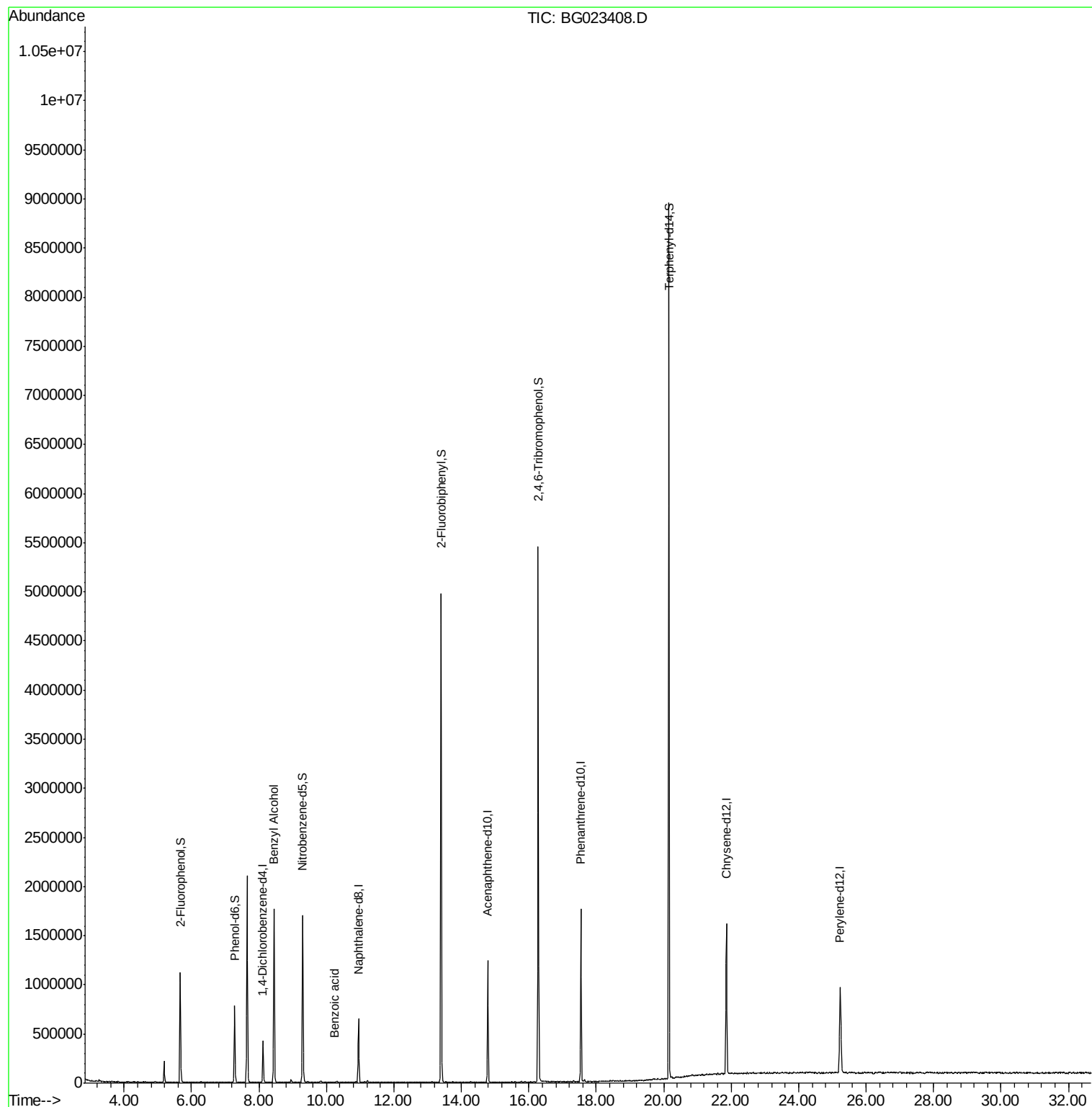
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	112755	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	532204	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	410906	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1073094	20.00	ng	0.00
75) Chrysene-d12	21.86	240	943644	20.00	ng	0.00
86) Perylene-d12	25.23	264	964029	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	493901	73.73	ng	0.00
7) Phenol-d6	7.27	99	483491	46.34	ng	0.00
23) Nitrobenzene-d5	9.29	82	1101432	102.89	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	1024636	170.48	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2373247	97.42	ng	0.00
78) Terphenyl-d14	20.15	244	3225227	113.34	ng	0.00
Target Compounds						
9) Benzaldehyde	7.23	77	89	Below Cal	#	1
15) Benzyl Alcohol	8.45	79	17413	2.20	ng	58
32) Benzoic acid	10.26	122	103	6.45	ng	10
73) Di-n-butylphthalate	18.49	149	6129	Below Cal	#	86
74) Fluoranthene	19.60	202	196	Below Cal	#	54
77) Pyrene	20.15	202	18944	Below Cal	#	71

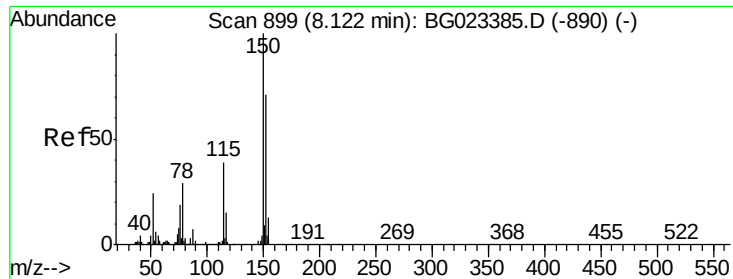
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

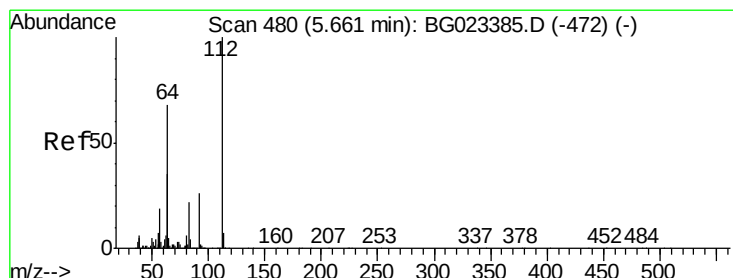
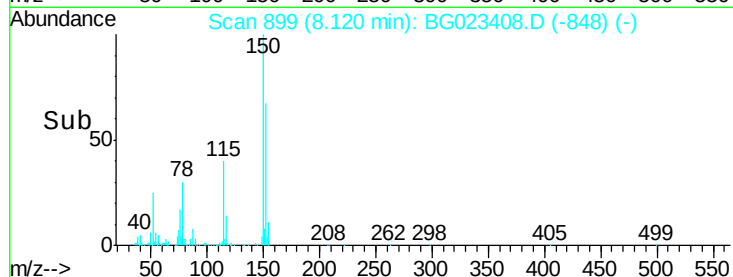
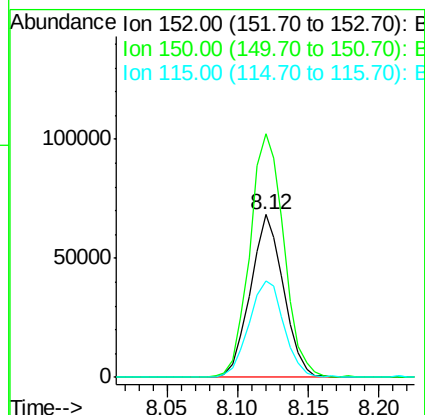
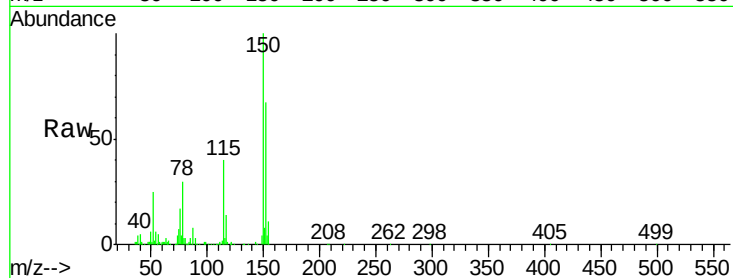
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.9	144.7	217.1
115	59.5	64.0	96.0



#5

2-Fluorophenol

Concen: 73.73 ng

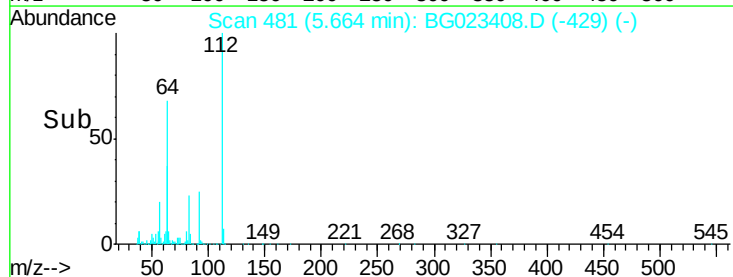
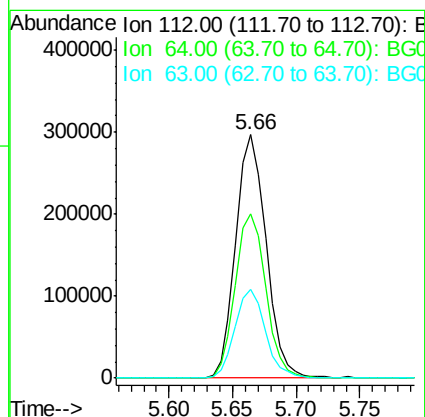
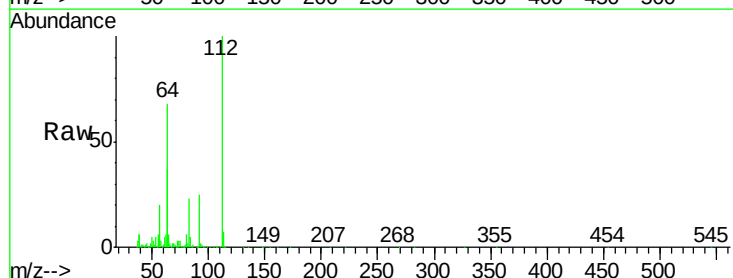
RT: 5.66 min Scan# 481

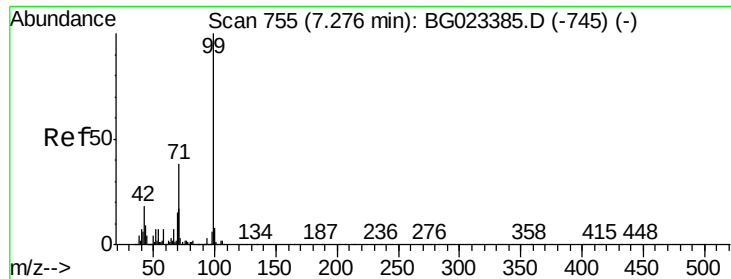
Delta R.T. 0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	59.0	88.4
63	36.6	37.8	56.8





#7

Phenol-d6

Concen: 46.34 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

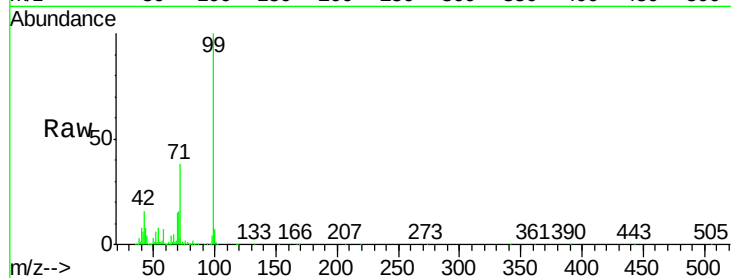
Tgt Ion: 99 Resp: 483491

Ion Ratio Lower Upper

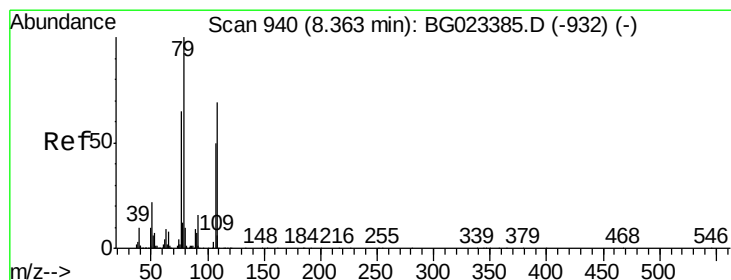
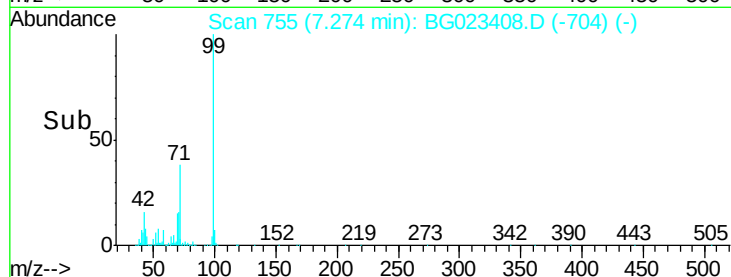
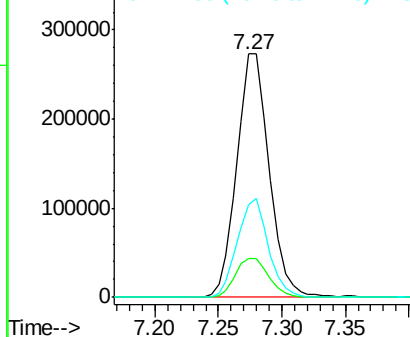
99 100

42 16.0 17.8 26.6#

71 38.2 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



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.09 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

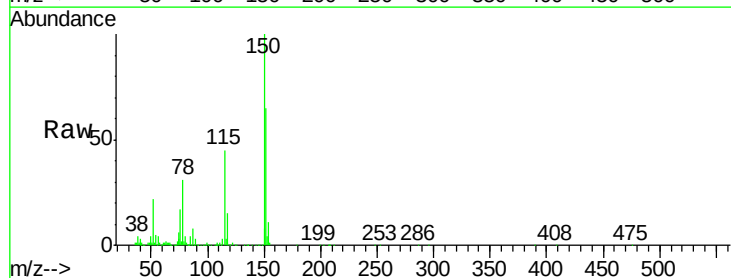
Tgt Ion: 79 Resp: 17413

Ion Ratio Lower Upper

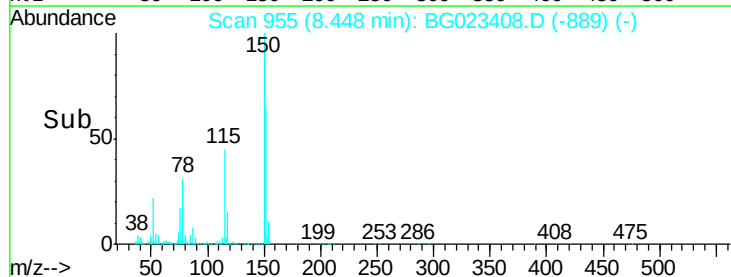
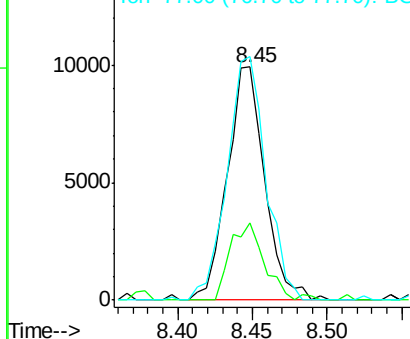
79 100

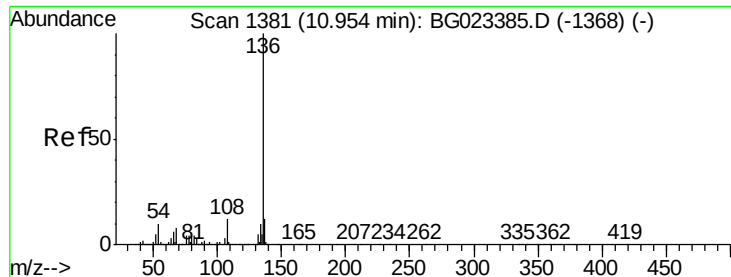
108 33.2 46.5 69.7#

77 104.6 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

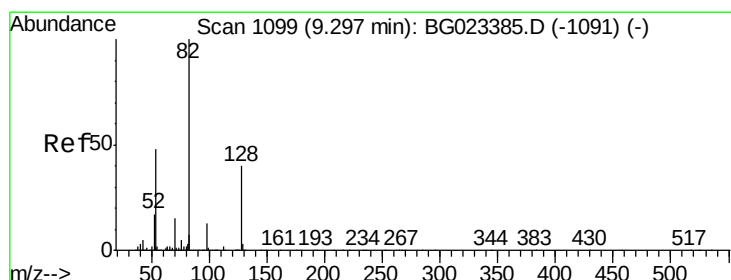
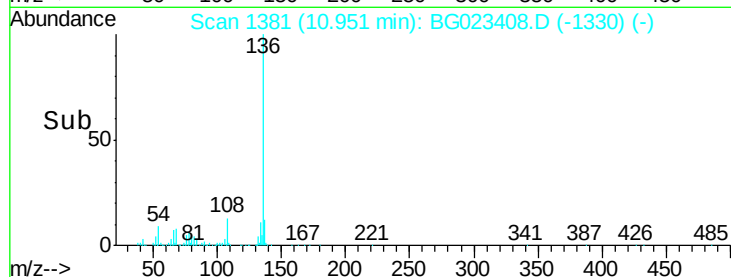
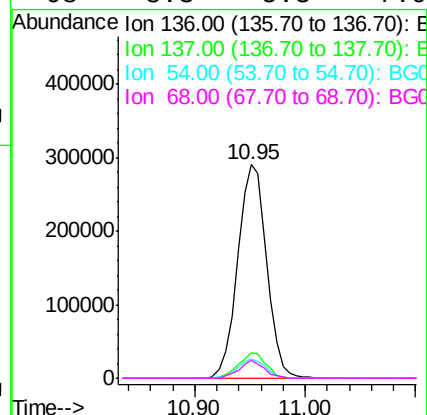
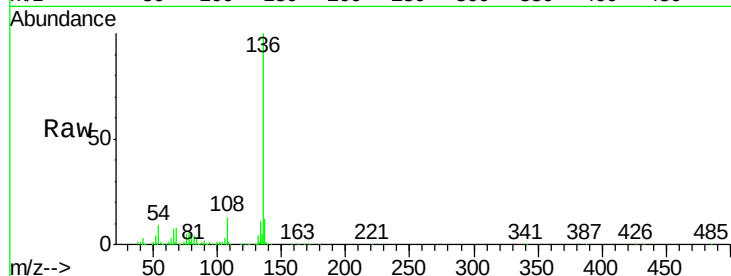




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023408.D
Acq: 2 Aug 2016 23:01

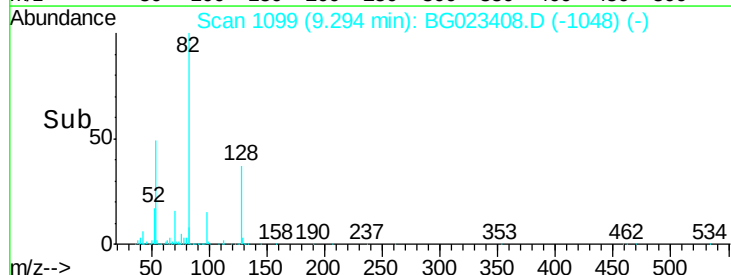
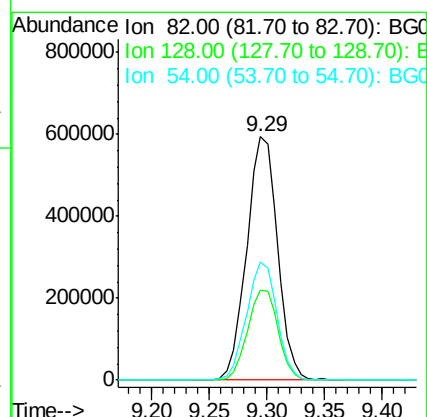
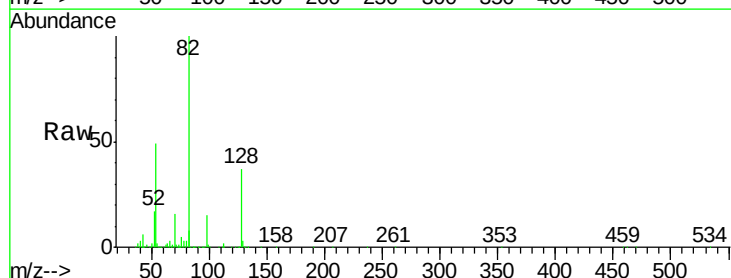
Instrument :
BNA_G
ClientSampleId :
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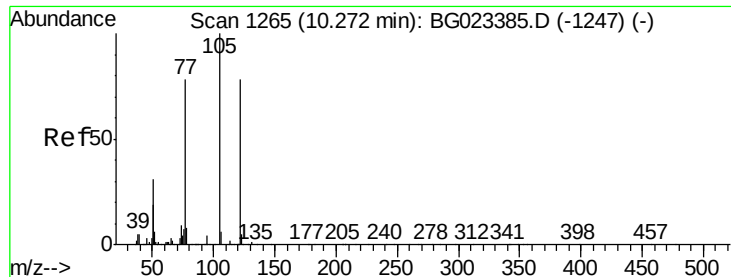
Tgt Ion:	136	Resp:	532204
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	8.8	7.3	10.9
68	8.3	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 102.89 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023408.D
Acq: 2 Aug 2016 23:01

Tgt Ion:	82	Resp:	1101432
Ion	Ratio	Lower	Upper
82	100		
128	36.9	24.4	36.6#
54	48.7	41.4	62.0





#32

Benzoic acid

Concen: 6.45 ng

RT: 10.26 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

Instrument :

BNA_G

ClientSampled :

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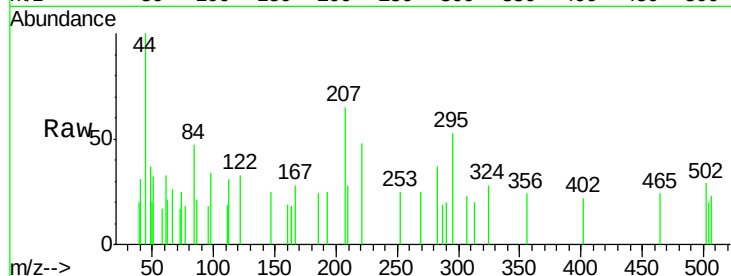
Tgt Ion:122 Resp: 103

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

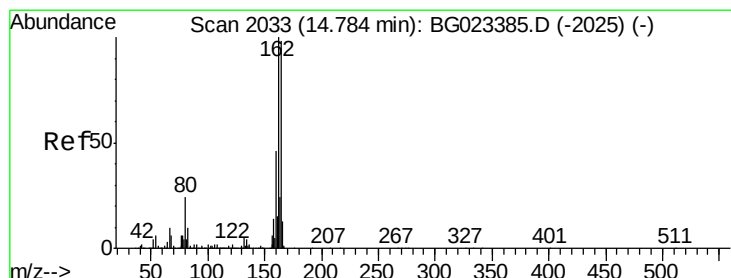
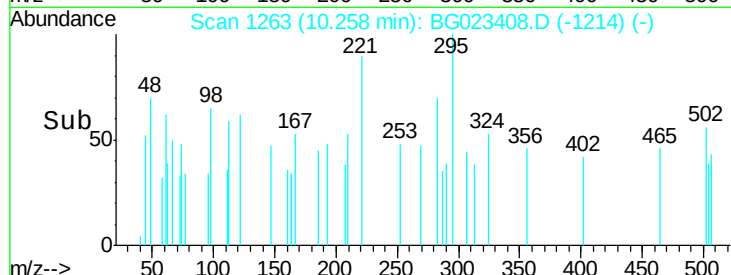
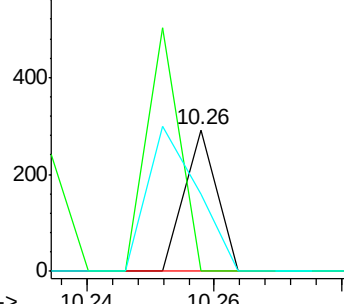
77 54.5 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

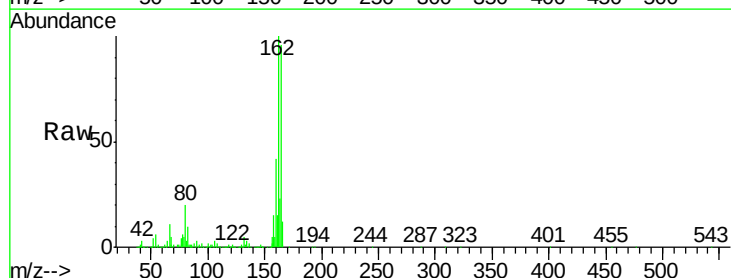
Tgt Ion:164 Resp: 410906

Ion Ratio Lower Upper

164 100

162 104.3 87.7 131.5

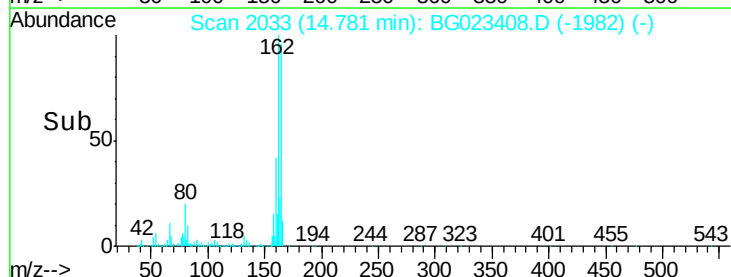
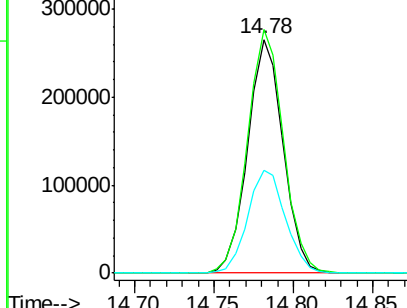
160 44.3 37.2 55.8

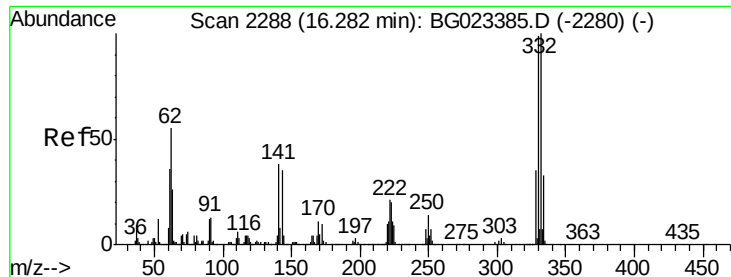


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 170.48 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

Instrument :

BNA_G

ClientSampleId :

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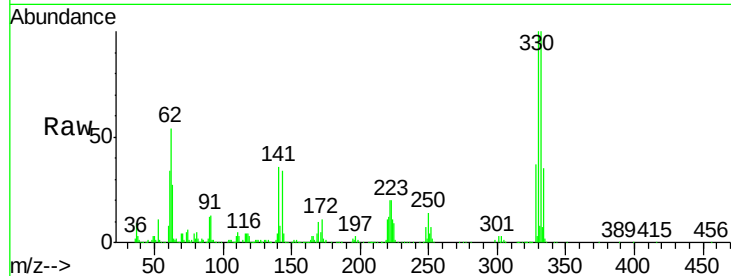
Tgt Ion:330 Resp: 1024636

Ion Ratio Lower Upper

330 100

332 100.4 77.4 116.2

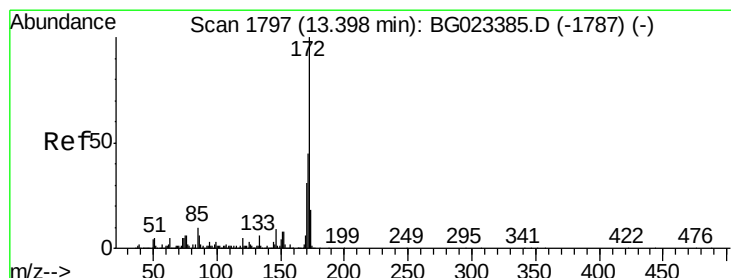
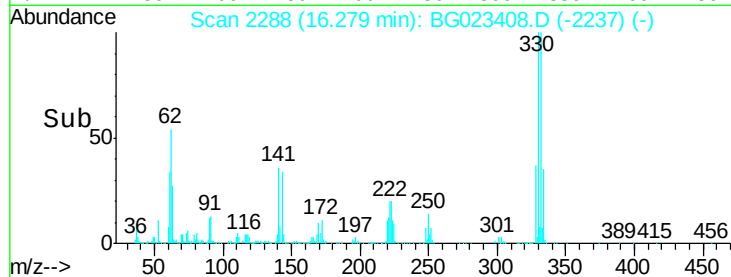
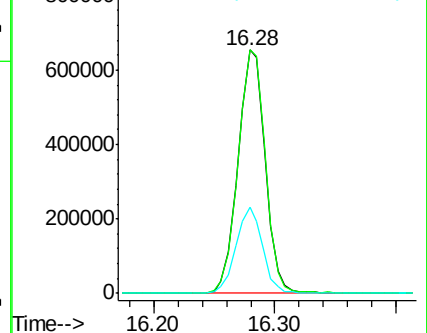
141 34.9 31.7 47.5



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: 97.42 ng

RT: 13.40 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

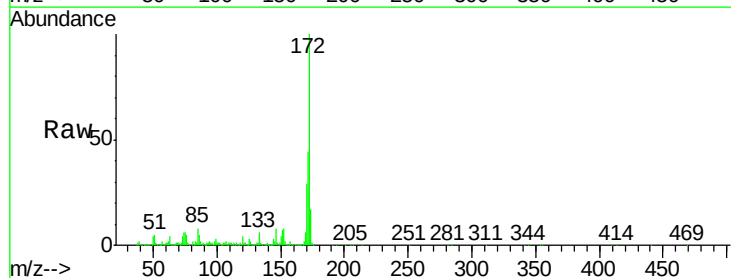
Tgt Ion:172 Resp: 2373247

Ion Ratio Lower Upper

172 100

171 43.8 31.6 47.4

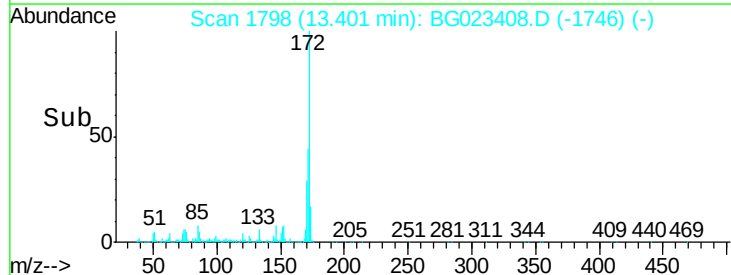
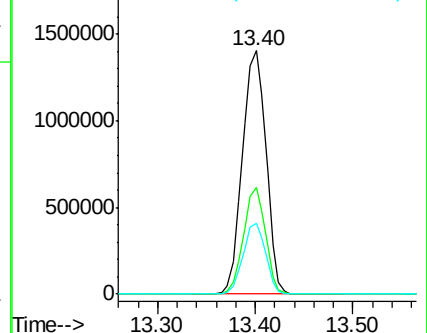
170 29.1 21.3 31.9

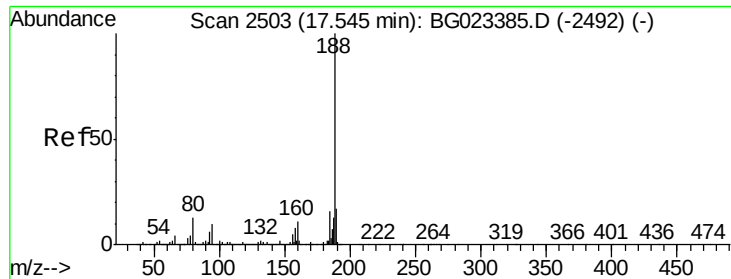


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

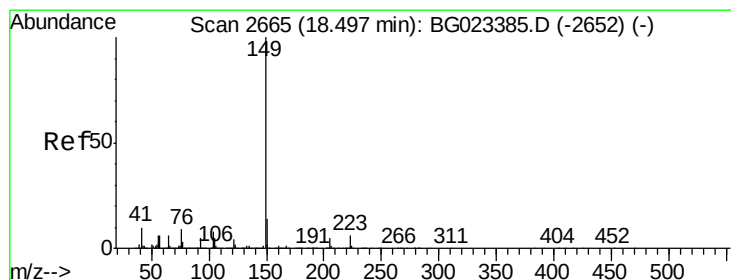
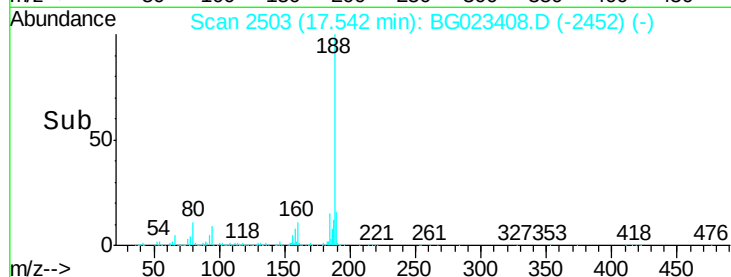
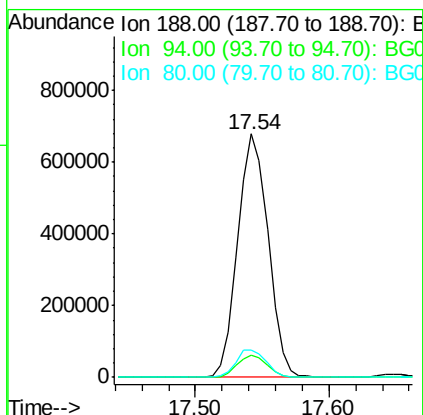
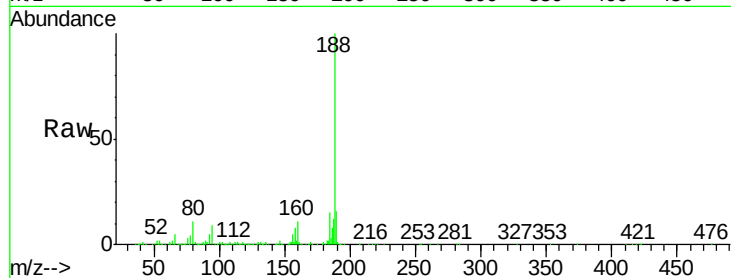




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG023408.D
Acq: 2 Aug 2016 23:01

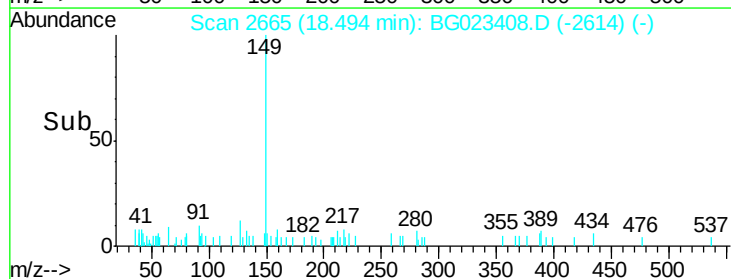
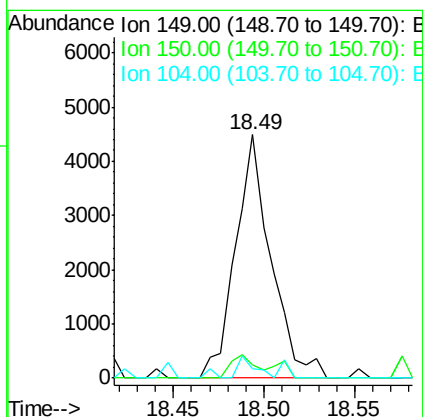
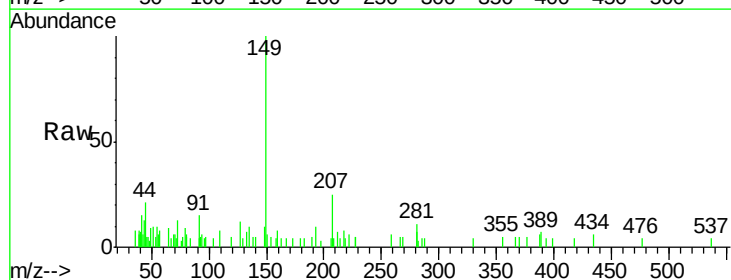
Instrument :
BNA_G
ClientSampleId :
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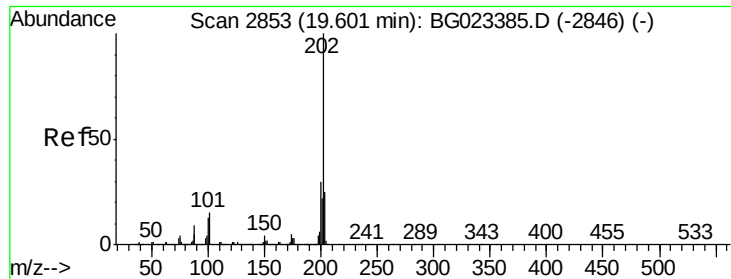
Tgt Ion:188 Resp: 1073094
Ion Ratio Lower Upper
188 100
94 9.1 5.2 7.8#
80 11.4 7.2 10.8#



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.49 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG023408.D
Acq: 2 Aug 2016 23:01

Tgt Ion:149 Resp: 6129
Ion Ratio Lower Upper
149 100
150 5.7 9.1 13.7#
104 3.7 6.9 10.3#

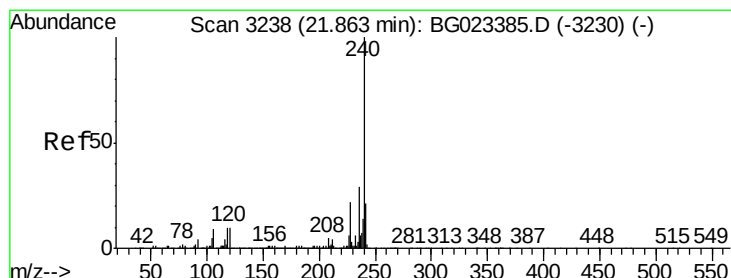
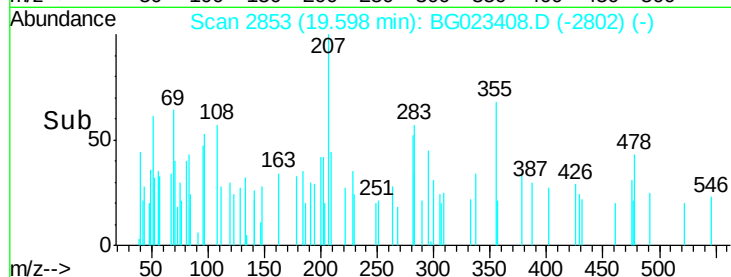
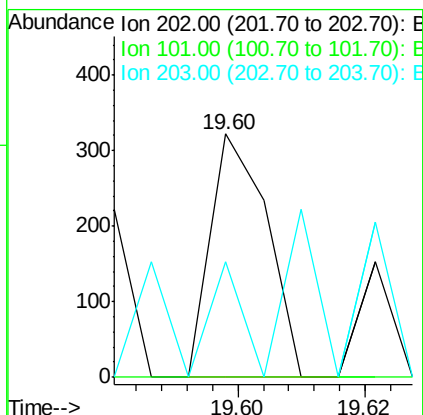
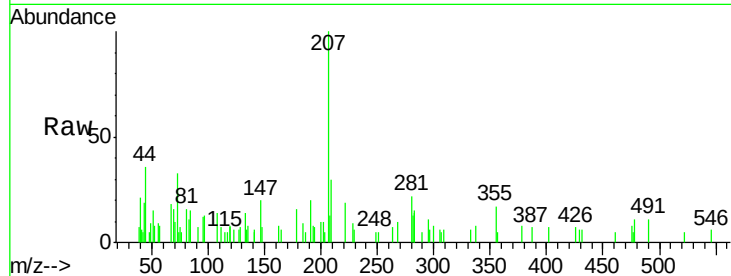




#74
 Fluoranthene
 Concen: Below Cal
 RT: 19.60 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BG023408.D
 Acq: 2 Aug 2016 23:01

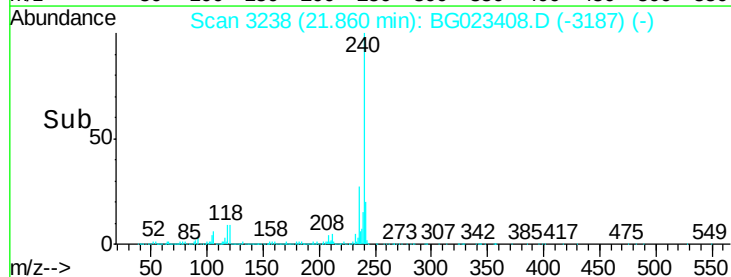
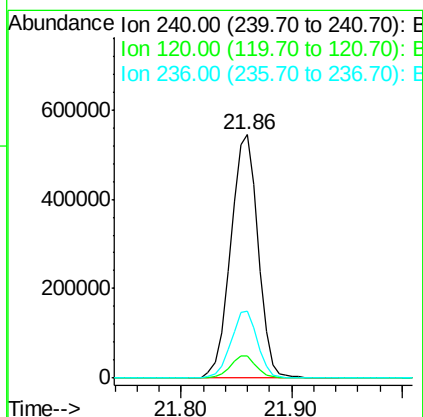
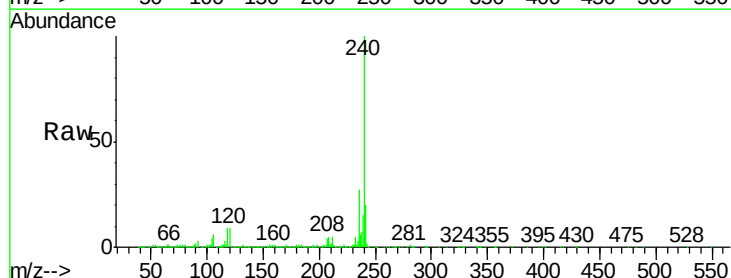
Instrument :
 BNA_G
 ClientSampleId :
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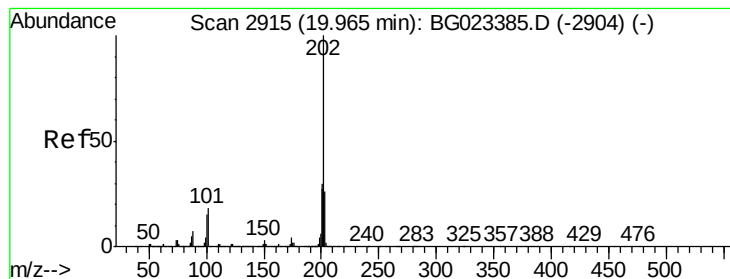
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	47.5	1.7	41.7#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.00 min
 Lab File: BG023408.D
 Acq: 2 Aug 2016 23:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	4.1	6.1#
236	27.5	21.1	31.7





#77

Pyrene

Concen: Below Cal

RT: 20.15 min Scan# 2947

Delta R.T. 0.19 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

Instrument :

BNA_G

ClientSampleId :

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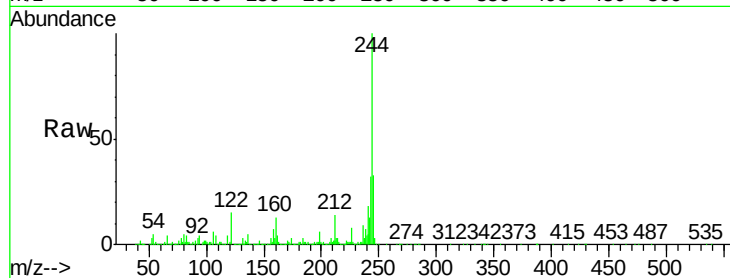
Tgt Ion:202 Resp: 18944

Ion Ratio Lower Upper

202 100

200 51.3 21.2 31.8#

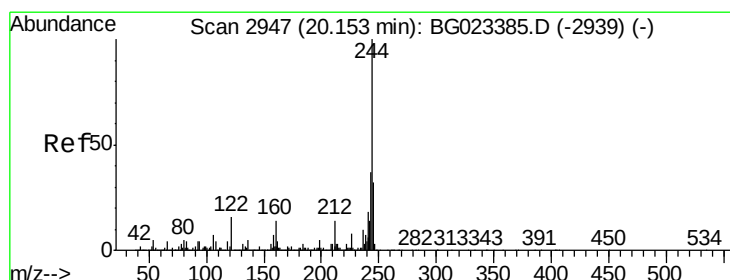
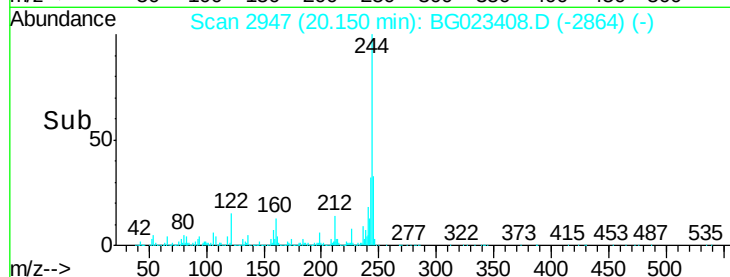
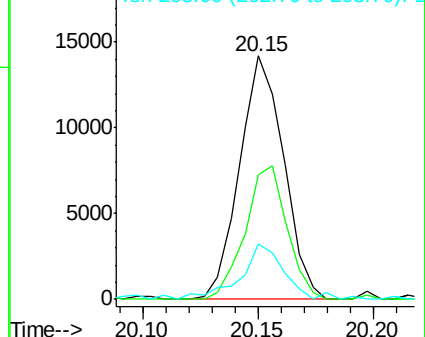
203 22.9 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 113.34 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023408.D

Acq: 2 Aug 2016 23:01

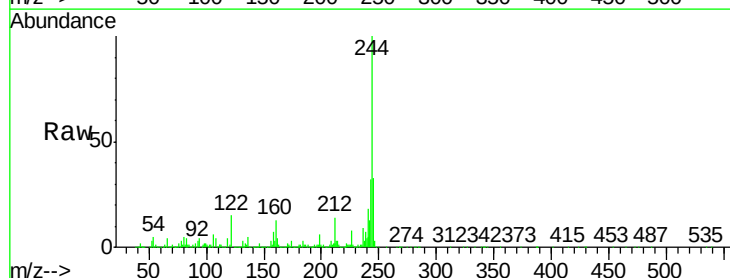
Tgt Ion:244 Resp: 3225227

Ion Ratio Lower Upper

244 100

212 14.0 10.8 16.2

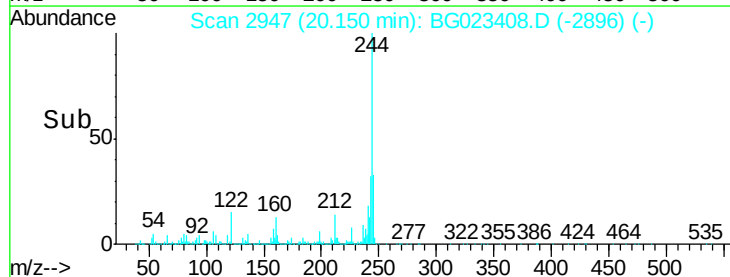
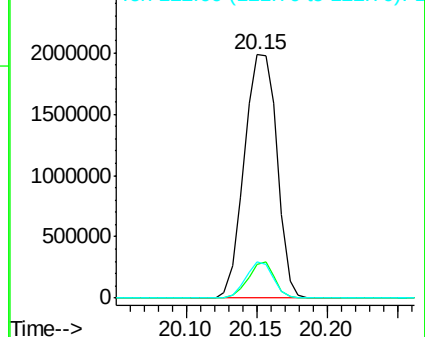
122 15.0 8.0 12.0#

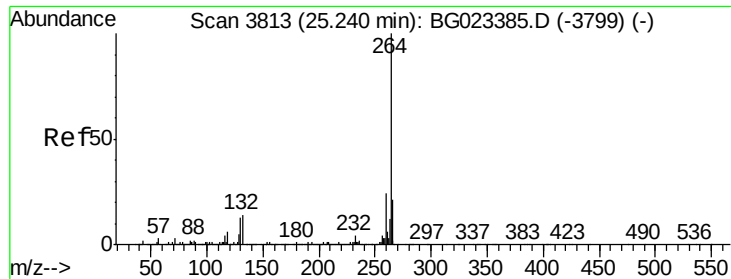


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

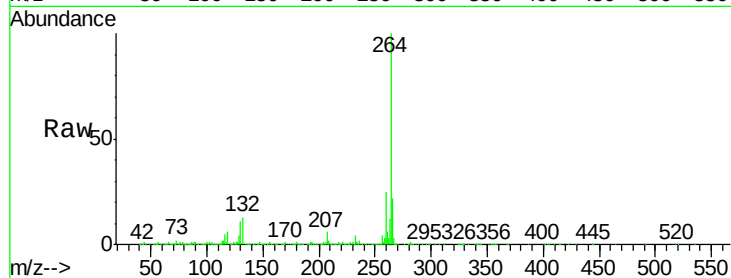




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BG023408.D
Acq: 2 Aug 2016 23:01

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.4	27.6
265	22.1	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

