

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082216\
 Data File : BG023844.D
 Acq On : 22 Aug 2016 21:53
 Operator : UM/SJ
 Sample : H4500-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-66-081616

Quant Time: Aug 23 00:57:45 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

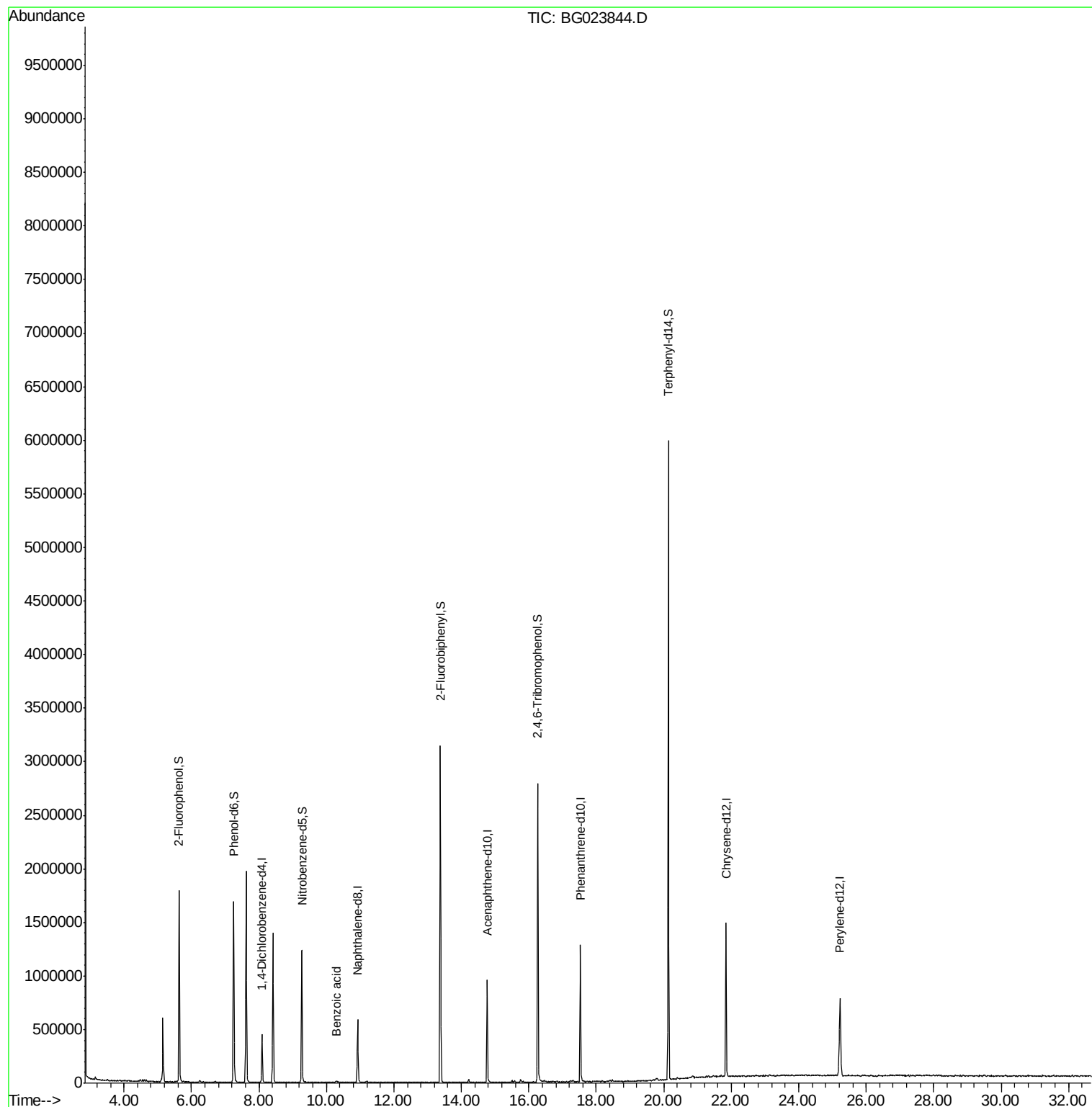
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	117575	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	488775	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	317312	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	757143	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	838957	20.00	ng	-0.02
86) Perylene-d12	25.23	264	824090	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	756061	108.24	ng	-0.03
7) Phenol-d6	7.25	99	1009378	92.78	ng	-0.02
23) Nitrobenzene-d5	9.27	82	807497	82.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.27	330	497984	107.30	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1540698	81.90	ng	-0.02
78) Terphenyl-d14	20.13	244	2304070	86.22	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.20	77	90	Below Cal	#	8
32) Benzoic acid	10.30	122	1158	6.58	ng	98
73) Di-n-butylphthalate	18.48	149	8272	Below Cal	#	87
74) Fluoranthene	19.59	202	3433	Below Cal	#	87
77) Pyrene	19.95	202	3042	Below Cal	#	87

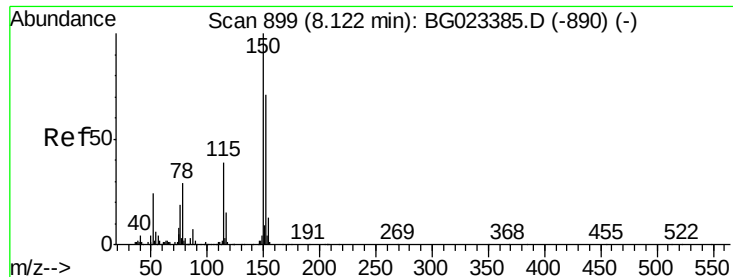
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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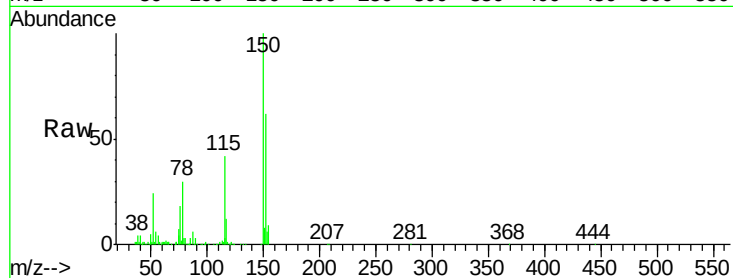


#1

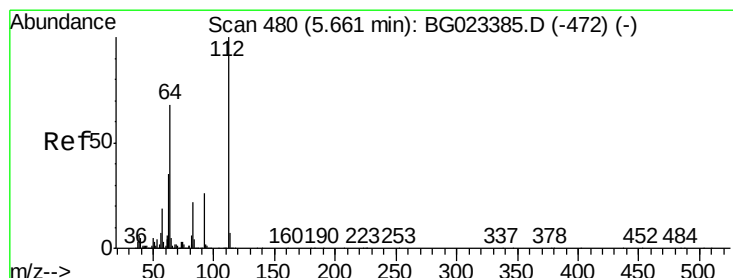
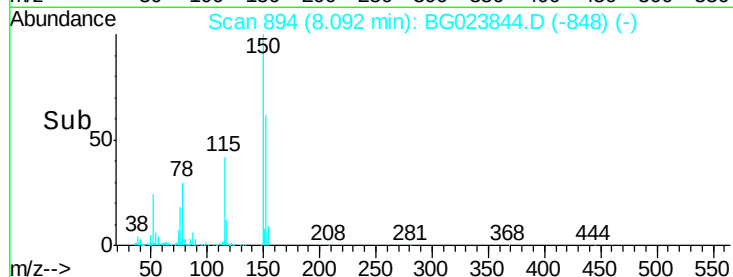
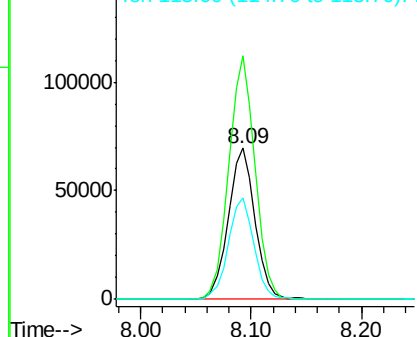
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023844.D
Acq: 22 Aug 2016 21:53

Instrument :
BNA_G
ClientSampleId :
HSR-WC-66-081616

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.1	144.7	217.1
115	67.2	64.0	96.0



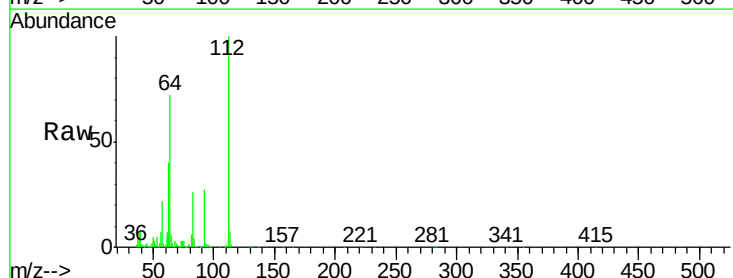
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



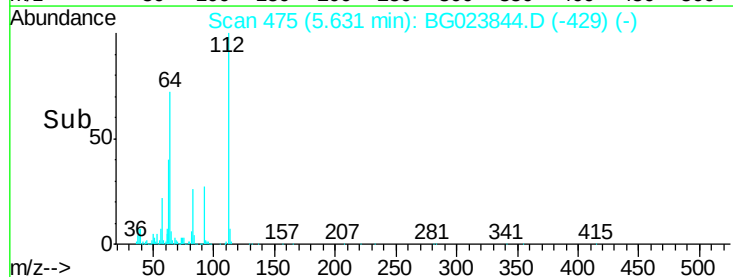
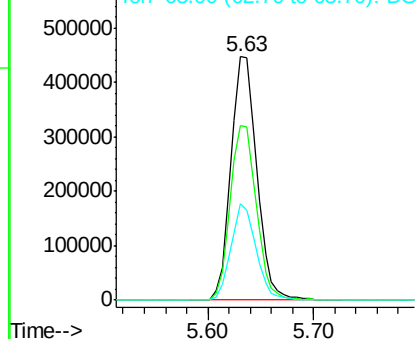
#5

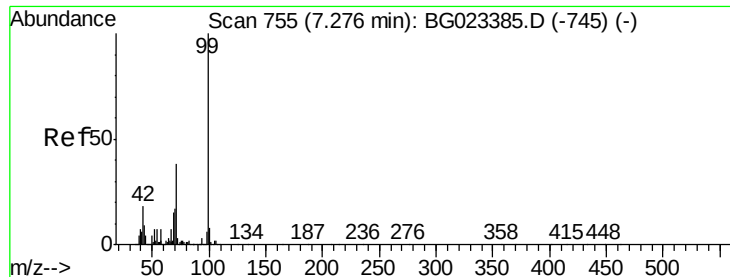
2-Fluorophenol
Concen: 108.24 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.03 min
Lab File: BG023844.D
Acq: 22 Aug 2016 21:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	59.0	88.4
63	39.6	37.8	56.8



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: 92.78 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG023844.D

Acq: 22 Aug 2016 21:53

Instrument :

BNA_G

ClientSampleId :

HSR-WC-66-081616

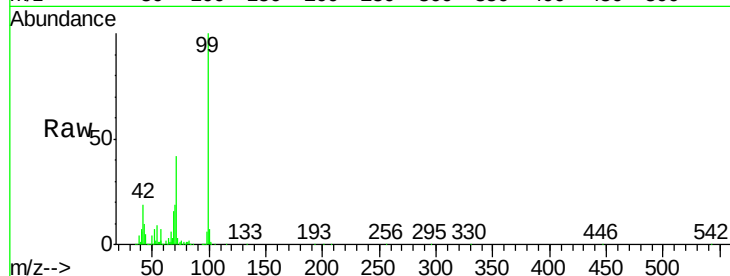
Tgt Ion: 99 Resp: 1009378

Ion Ratio Lower Upper

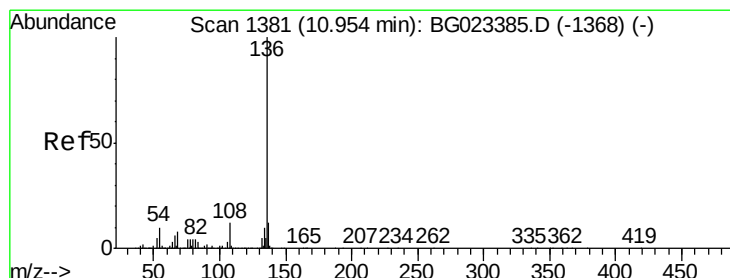
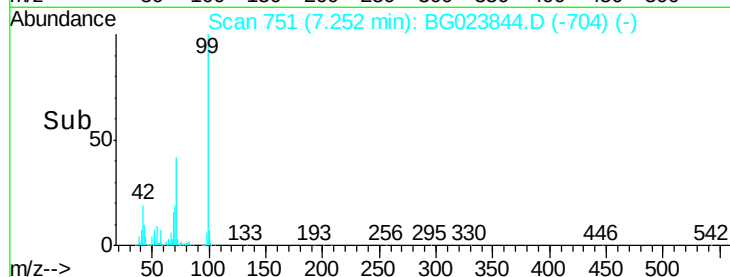
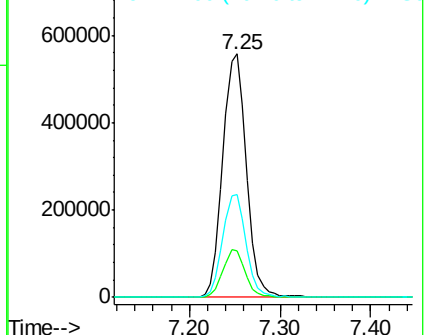
99 100

42 18.9 17.8 26.6

71 42.0 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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG023844.D

Acq: 22 Aug 2016 21:53

Tgt Ion: 136 Resp: 488775

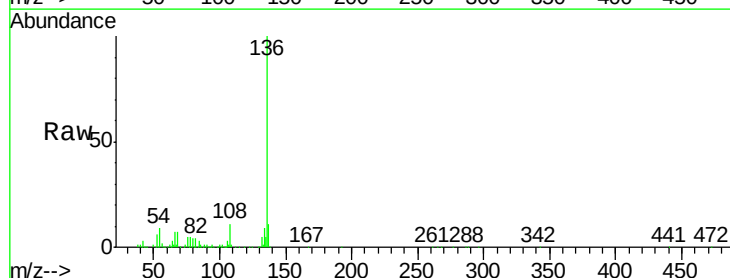
Ion Ratio Lower Upper

136 100

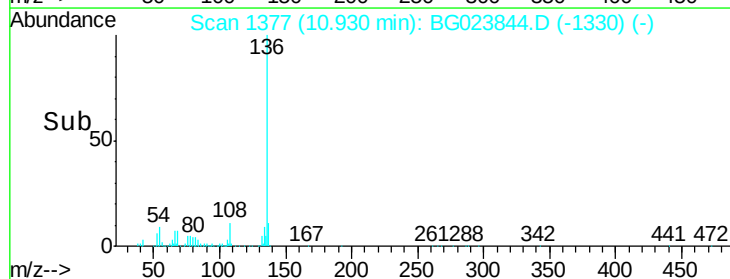
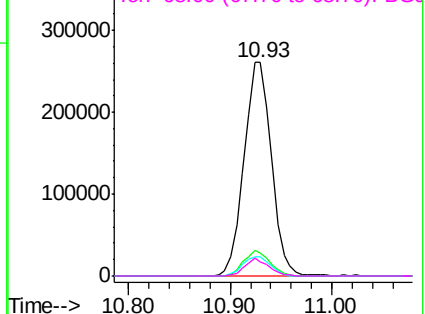
137 11.0 9.6 14.4

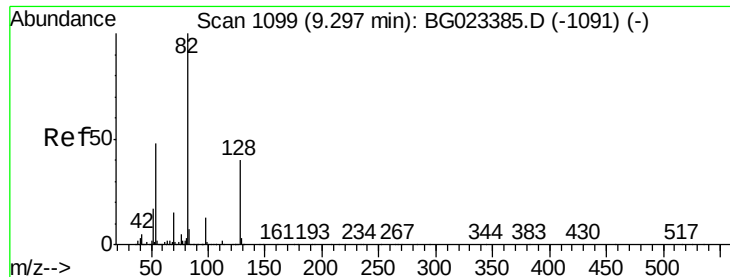
54 8.7 7.3 10.9

68 6.7 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

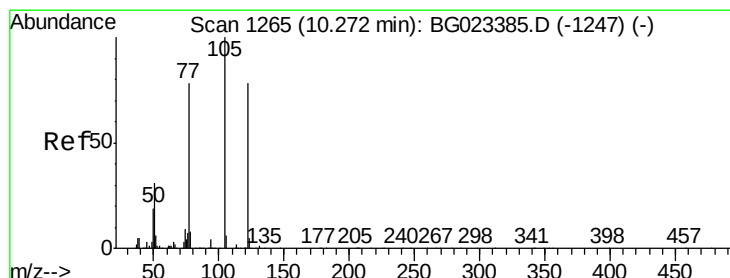
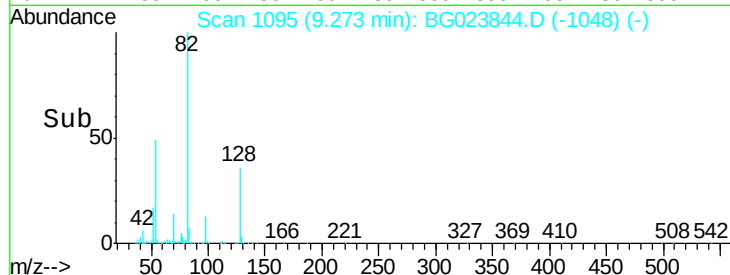
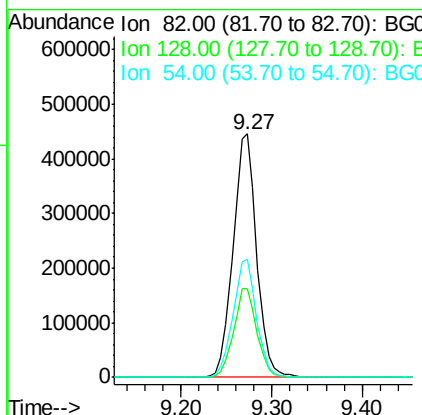
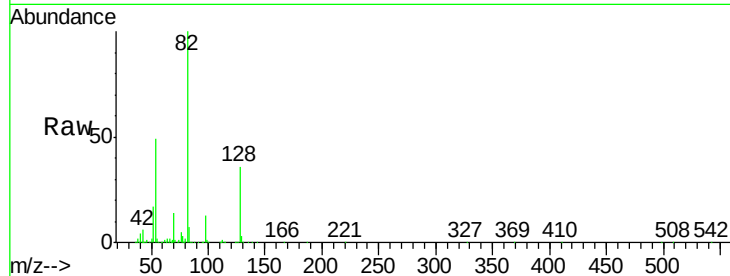




#23
 Nitrobenzene-d5
 Concen: 82.13 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BG023844.D
 Acq: 22 Aug 2016 21:53

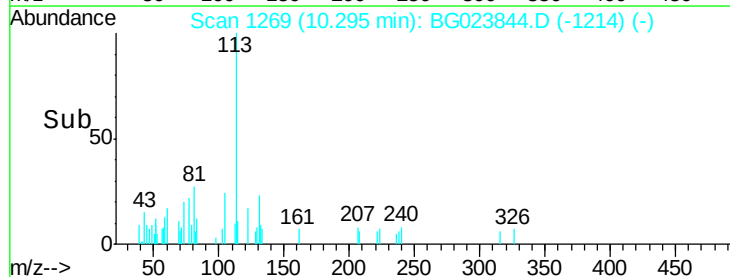
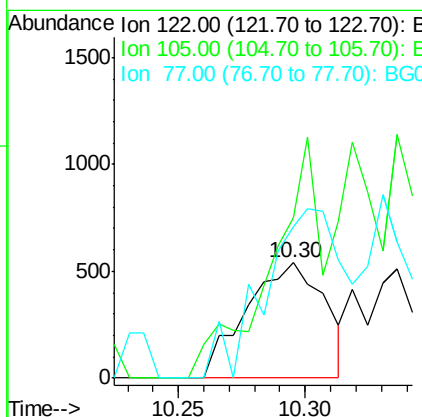
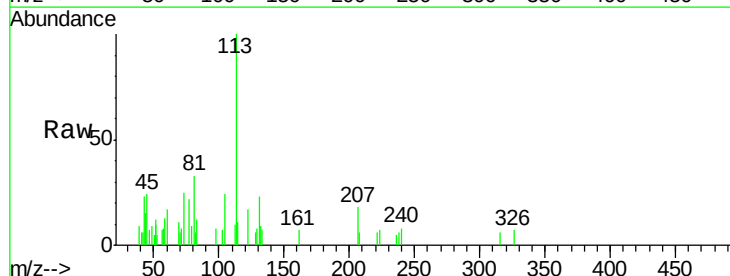
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-66-081616

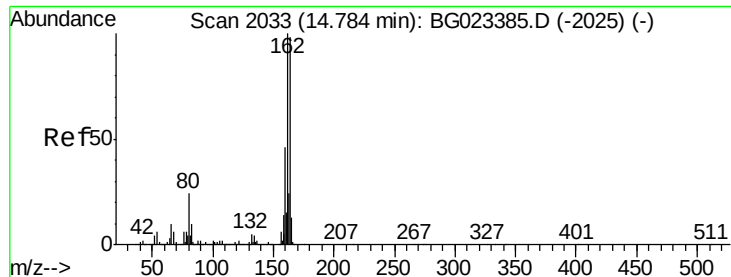
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	24.4	36.6
54	48.6	41.4	62.0



#32
 Benzoic acid
 Concen: 6.58 ng
 RT: 10.30 min Scan# 1269
 Delta R.T. 0.02 min
 Lab File: BG023844.D
 Acq: 22 Aug 2016 21:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.1	117.2	157.2
77	131.3	109.2	149.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BG023844.D

Acq: 22 Aug 2016 21:53

Instrument :

BNA_G

ClientSampleId :

HSR-WC-66-081616

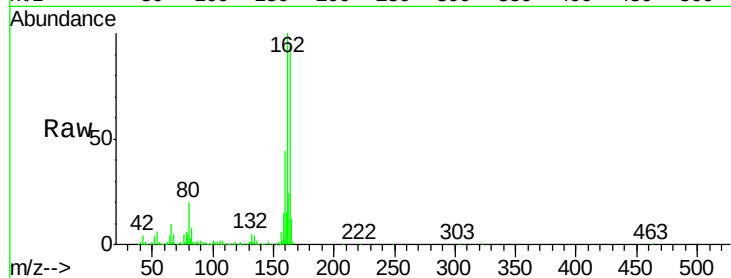
Tgt Ion:164 Resp: 317312

Ion Ratio Lower Upper

164 100

162 105.9 87.7 131.5

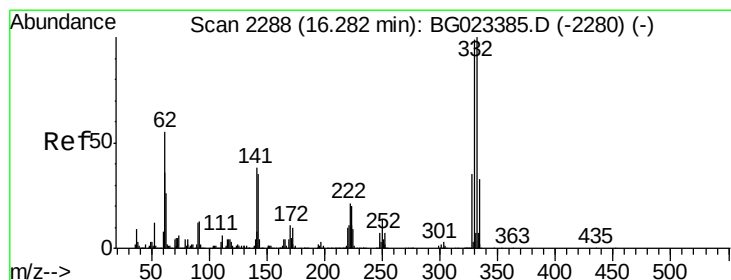
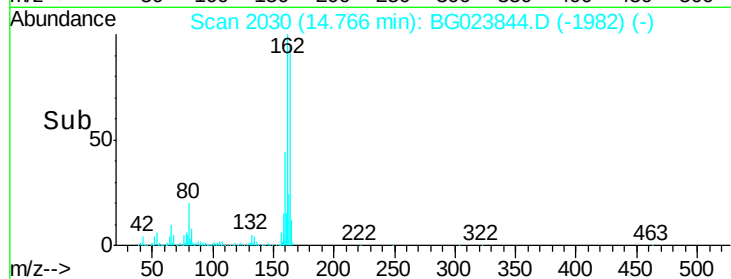
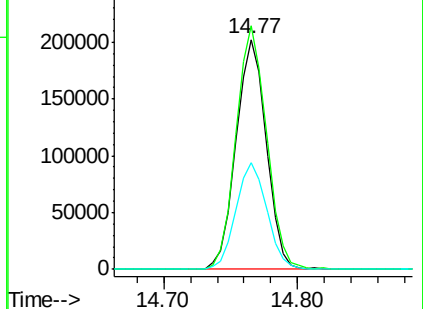
160 46.5 37.2 55.8



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: 107.30 ng

RT: 16.27 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG023844.D

Acq: 22 Aug 2016 21:53

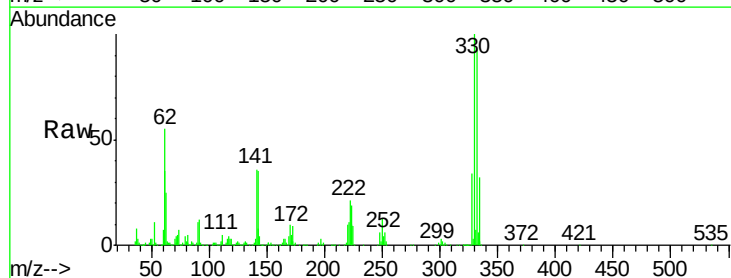
Tgt Ion:330 Resp: 497984

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

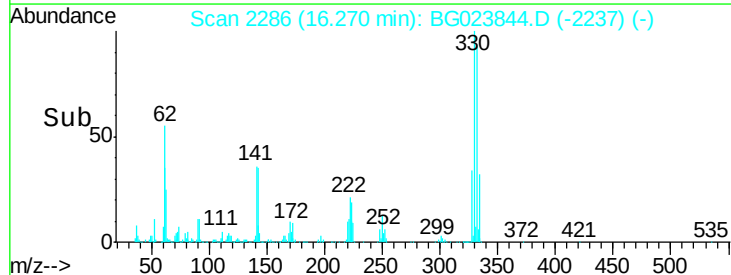
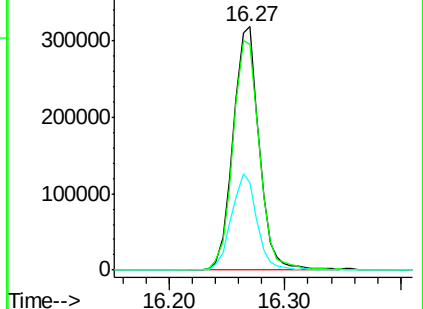
141 39.1 31.7 47.5

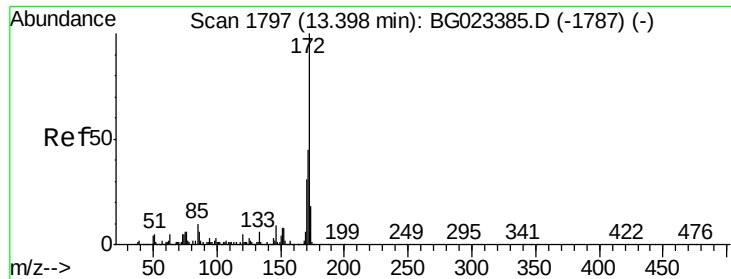


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

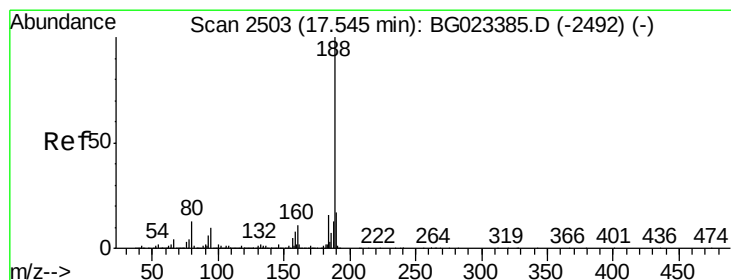
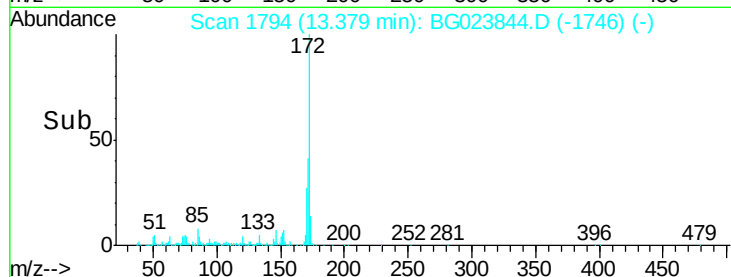
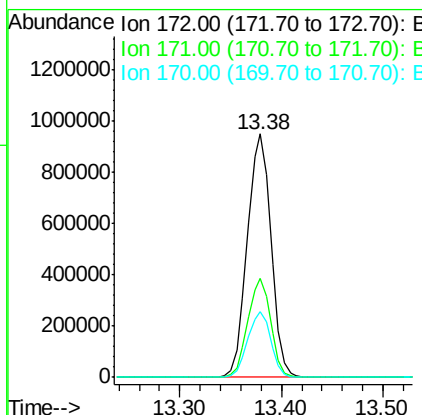
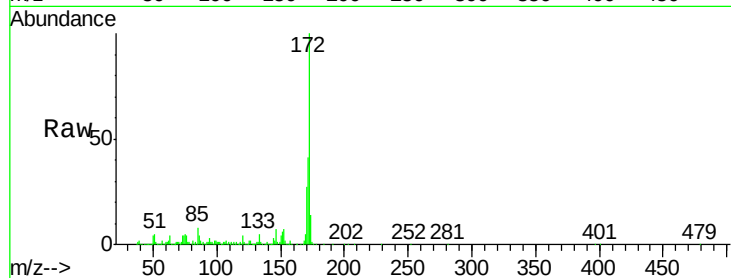




#44
2-Fluorobiphenyl
Concen: 81.90 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023844.D
Acq: 22 Aug 2016 21:53

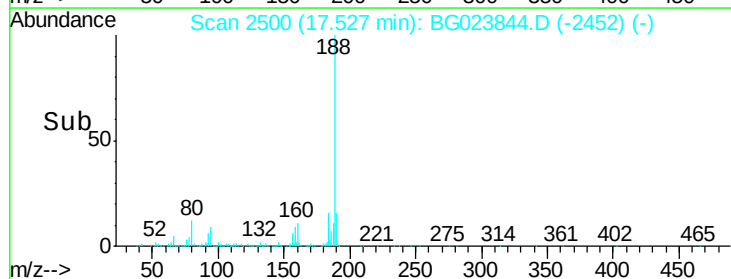
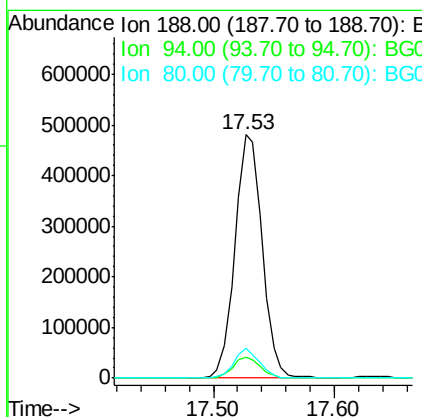
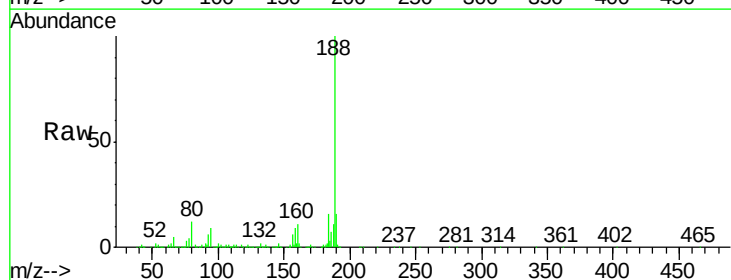
Instrument :
BNA_G
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HSR-WC-66-081616

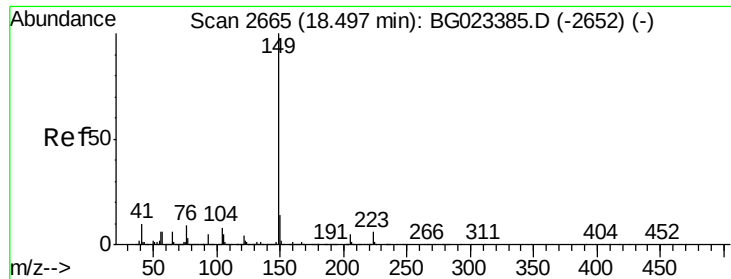
Tgt Ion:172 Resp: 1540698
Ion Ratio Lower Upper
172 100
171 40.8 31.6 47.4
170 27.0 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BG023844.D
Acq: 22 Aug 2016 21:53

Tgt Ion:188 Resp: 757143
Ion Ratio Lower Upper
188 100
94 8.5 5.2 7.8#
80 12.4 7.2 10.8#

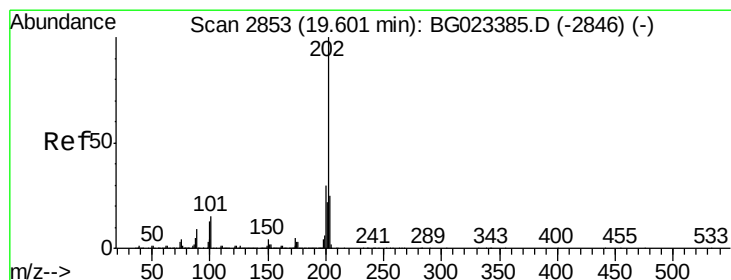
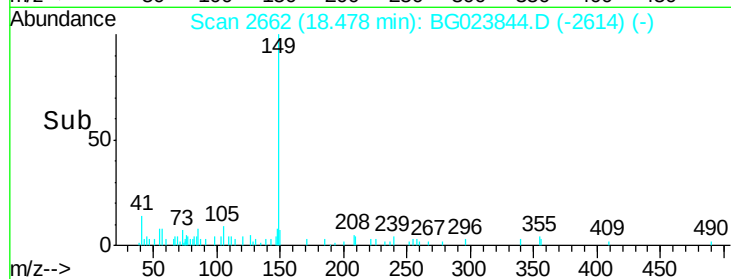
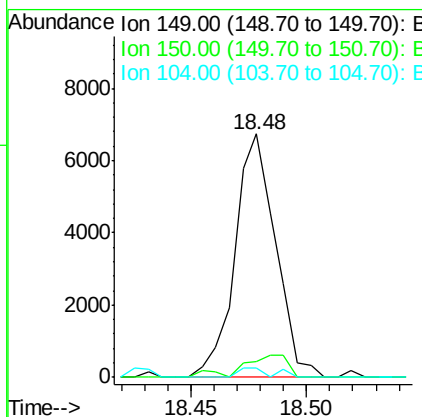
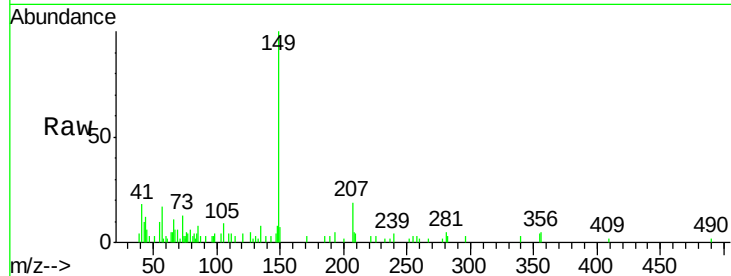




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.48 min Scan# 2662
Delta R.T. -0.02 min
Lab File: BG023844.D
Acq: 22 Aug 2016 21:53

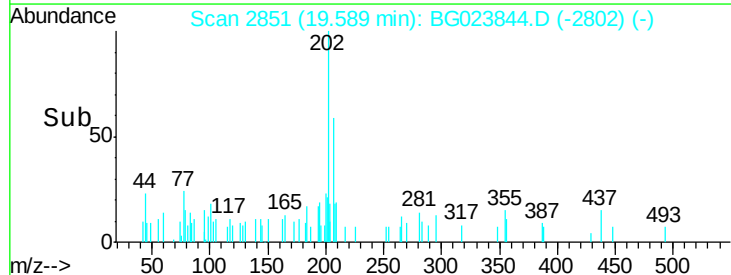
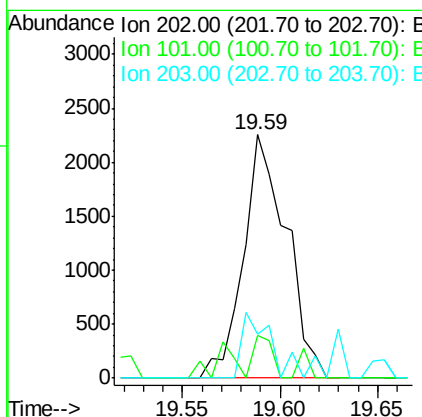
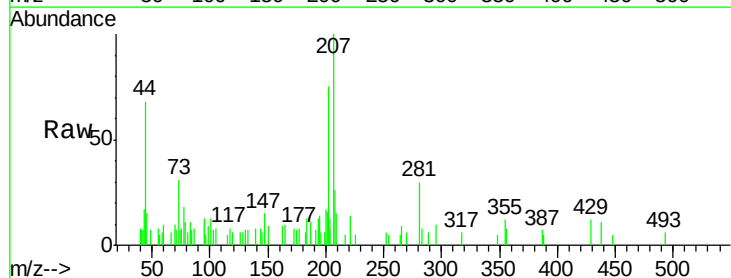
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BNA_G
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HSR-WC-66-081616

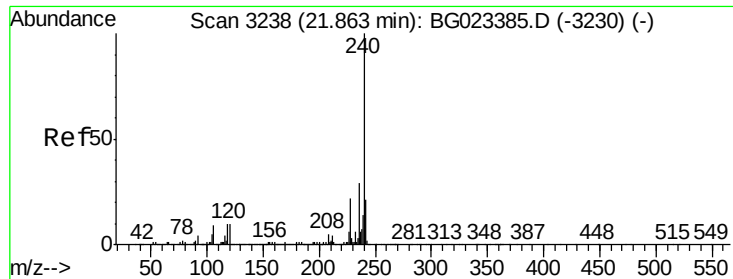
Tgt Ion:149 Resp: 8272
Ion Ratio Lower Upper
149 100
150 6.6 9.1 13.7#
104 4.0 6.9 10.3#



#74
Fluoranthene
Concen: Below Cal
RT: 19.59 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG023844.D
Acq: 22 Aug 2016 21:53

Tgt Ion:202 Resp: 3433
Ion Ratio Lower Upper
202 100
101 17.6 0.0 27.4
203 18.0 1.7 41.7

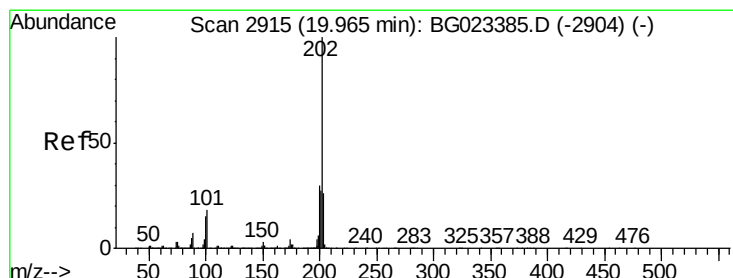
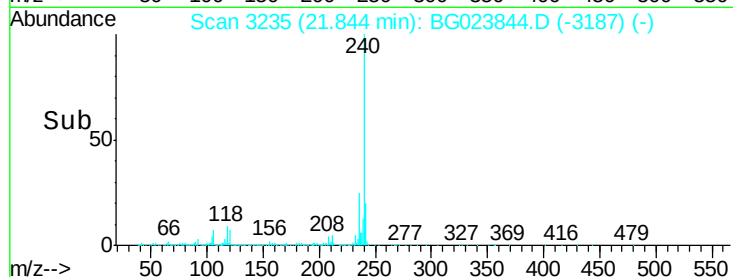
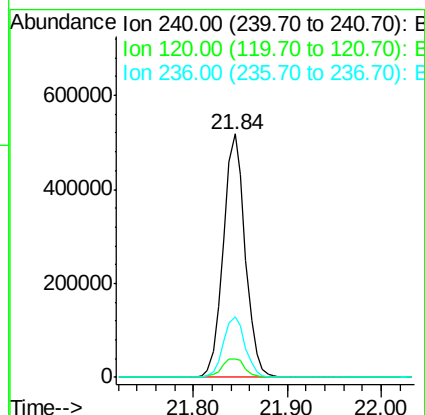
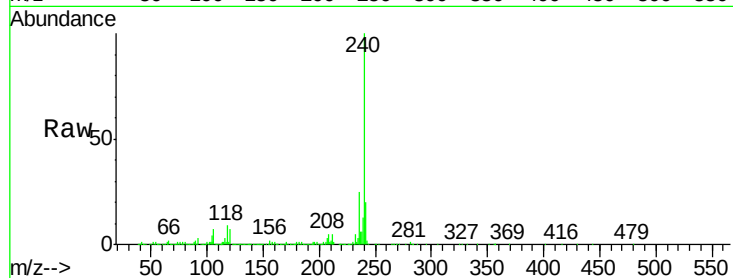




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG023844.D
Acq: 22 Aug 2016 21:53

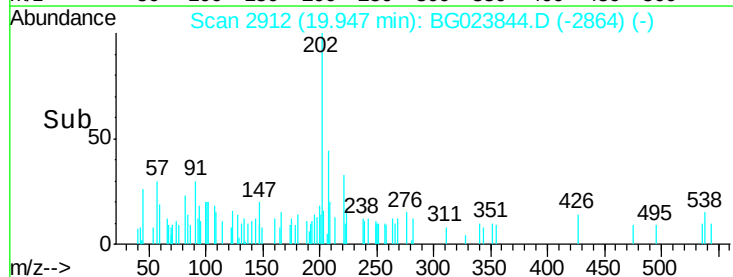
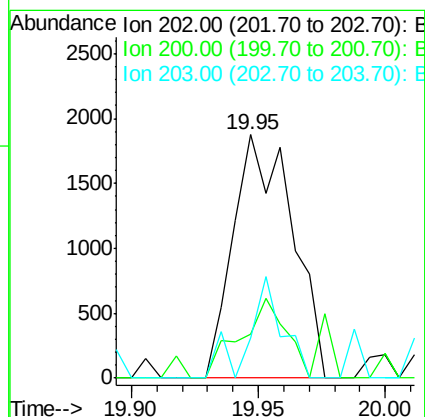
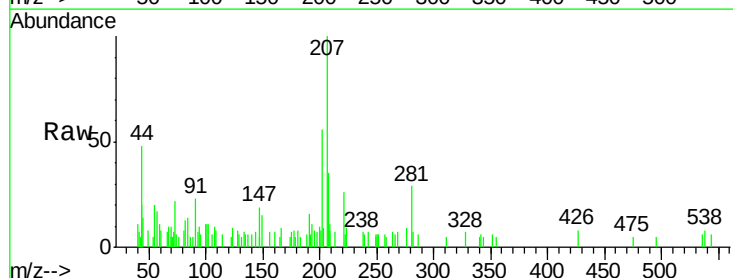
Instrument :
BNA_G
ClientSampleId :
HSR-WC-66-081616

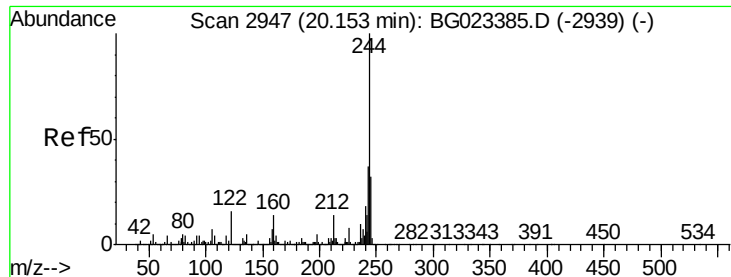
Tgt Ion:240 Resp: 838957
Ion Ratio Lower Upper
240 100
120 7.3 4.1 6.1#
236 24.8 21.1 31.7



#77
Pyrene
Concen: Below Cal
RT: 19.95 min Scan# 2912
Delta R.T. -0.02 min
Lab File: BG023844.D
Acq: 22 Aug 2016 21:53

Tgt Ion:202 Resp: 3042
Ion Ratio Lower Upper
202 100
200 18.2 21.2 31.8#
203 16.5 16.8 25.2#





#78

Terphenyl-d14

Concen: 86.22 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023844.D

Acq: 22 Aug 2016 21:53

Instrument :

BNA_G

ClientSampleId :

HSR-WC-66-081616

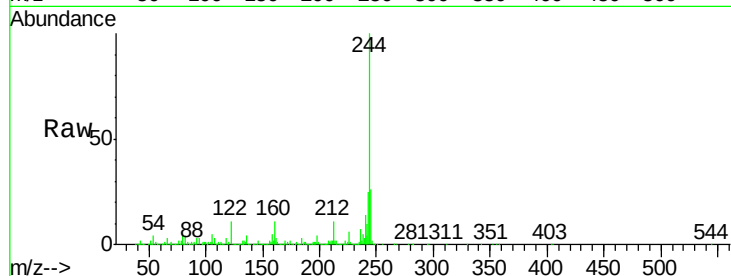
Tgt Ion:244 Resp: 2304070

Ion Ratio Lower Upper

244 100

212 11.3 10.8 16.2

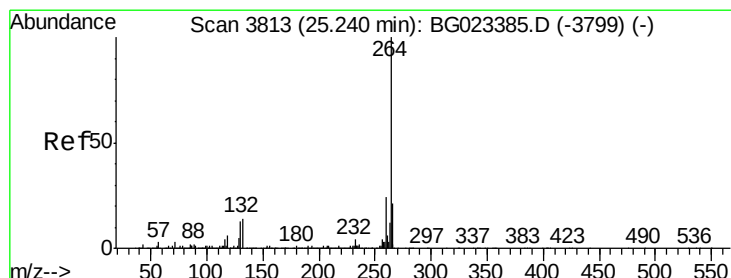
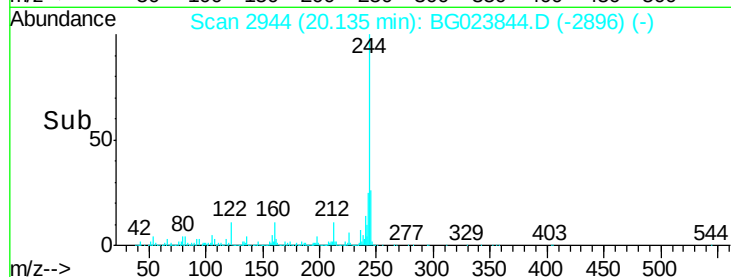
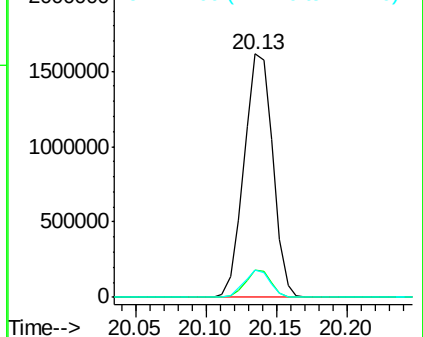
122 11.3 8.0 12.0



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# 3811

Delta R.T. -0.01 min

Lab File: BG023844.D

Acq: 22 Aug 2016 21:53

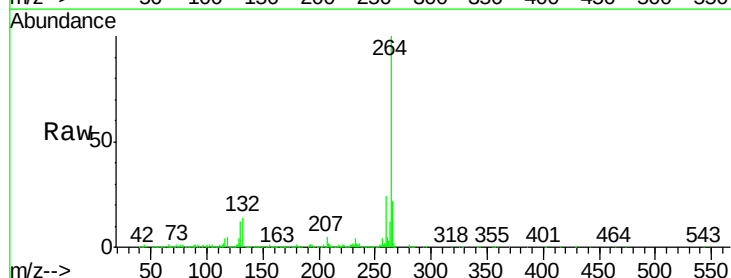
Tgt Ion:264 Resp: 824090

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 22.3 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

