

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
 Data File : BG023731.D
 Acq On : 16 Aug 2016 17:24
 Operator : UM/SJ
 Sample : H4415-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-64-080916

Quant Time: Aug 17 01:03:33 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

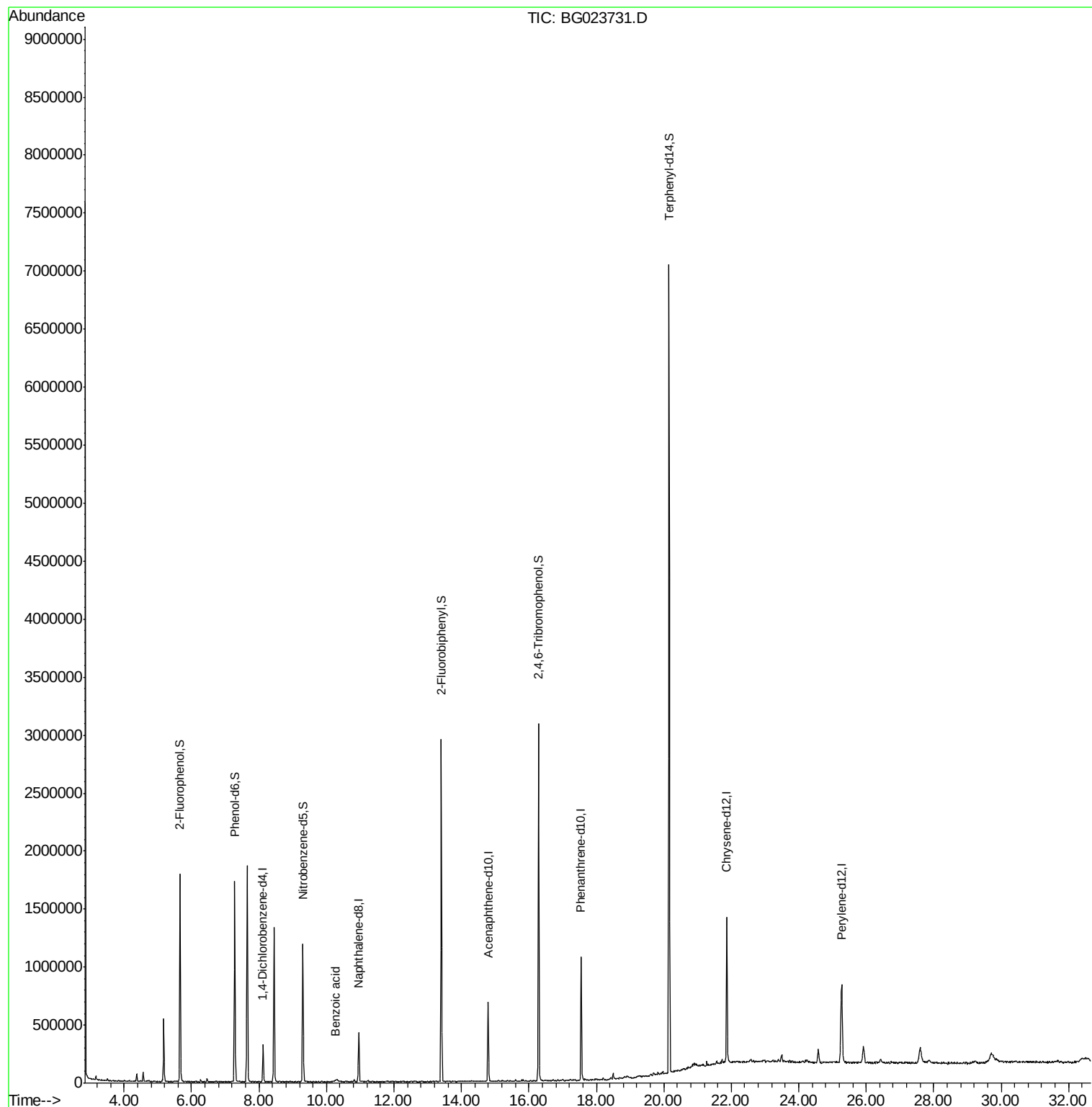
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	86507	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	350706	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	243666	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	665050	20.00	ng	0.00
75) Chrysene-d12	21.87	240	766340	20.00	ng	0.00
86) Perylene-d12	25.27	264	751964	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	740932	144.17	ng	0.00
7) Phenol-d6	7.28	99	1014049	126.68	ng	0.00
23) Nitrobenzene-d5	9.30	82	763409	108.22	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	575142	161.37	ng	0.01
44) 2-Fluorobiphenyl	13.41	172	1502153	103.98	ng	0.01
78) Terphenyl-d14	20.16	244	2748970	120.18	ng	0.00
Target Compounds						
9) Benzaldehyde	7.22	77	110	Below Cal	#	35
32) Benzoic acid	10.26	122	4127	7.13 ng	#	78
73) Di-n-butylphthalate	18.50	149	39008	Below Cal	#	89
74) Fluoranthene	19.61	202	11680	Below Cal	#	89
77) Pyrene	19.97	202	12071	Below Cal	#	91

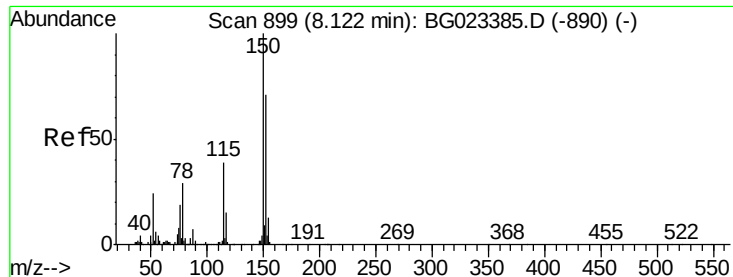
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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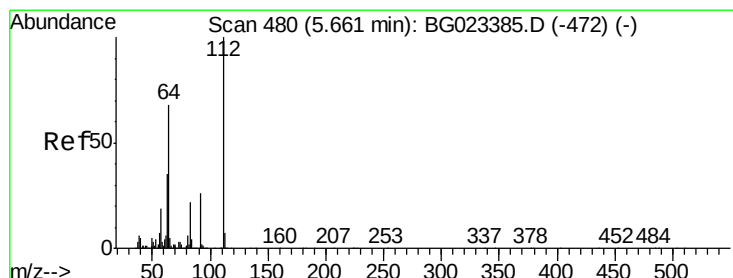
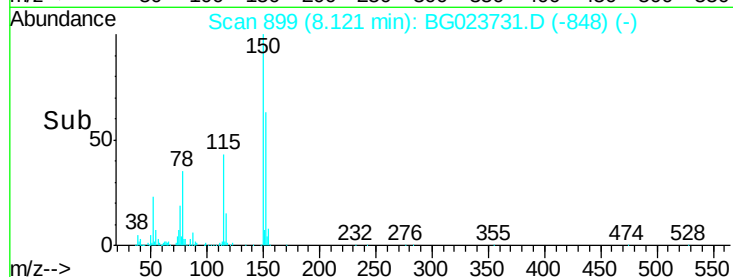
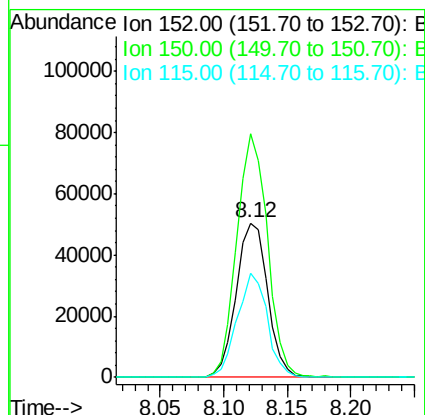
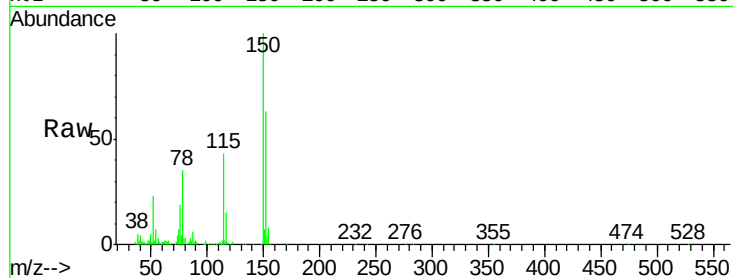


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG023731.D
Acq: 16 Aug 2016 17:24

Instrument :
BNA_G
ClientSampleId :
HSR-WC-64-080916

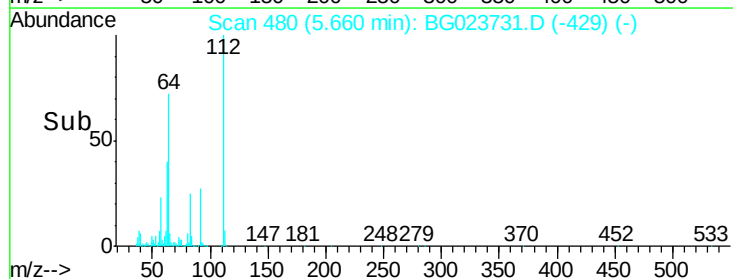
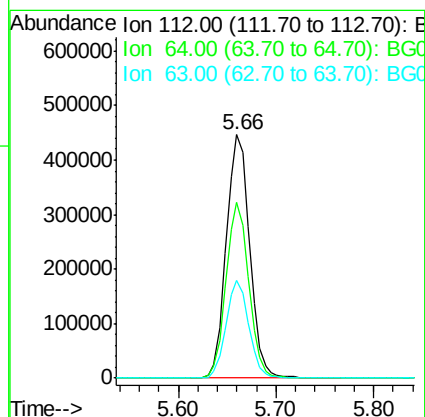
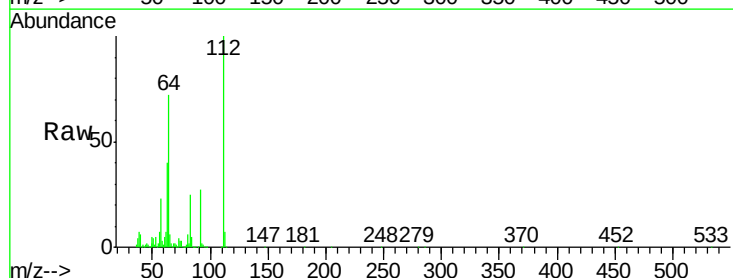
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	144.7	217.1
115	67.5	64.0	96.0

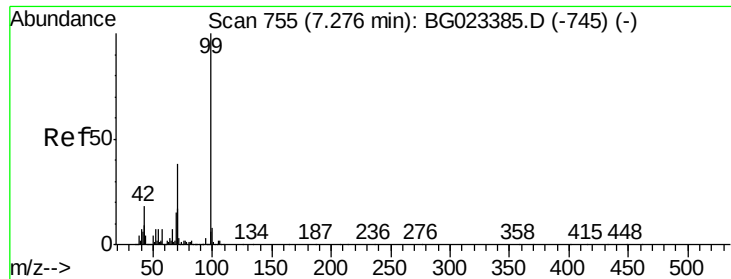


#5

2-Fluorophenol
Concen: 144.17 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.00 min
Lab File: BG023731.D
Acq: 16 Aug 2016 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	59.0	88.4
63	40.1	37.8	56.8





#7

Phenol-d6

Concen: 126.68 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

Instrument :

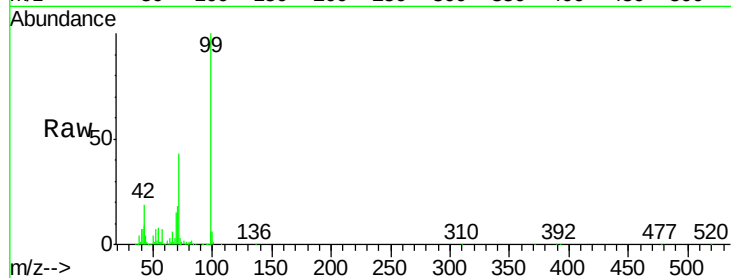
BNA_G

ClientSampleId :

HSR-WC-64-080916

Tgt Ion: 99 Resp: 1014049

Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.8	26.6
71	42.6	41.5	62.3

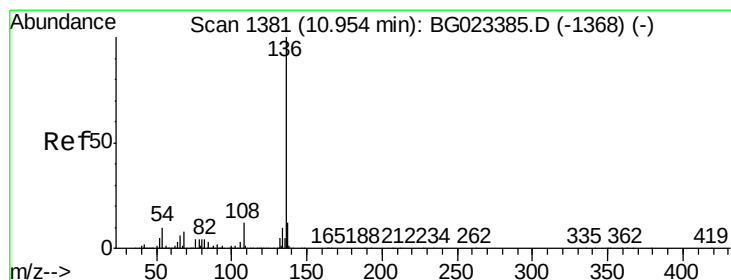
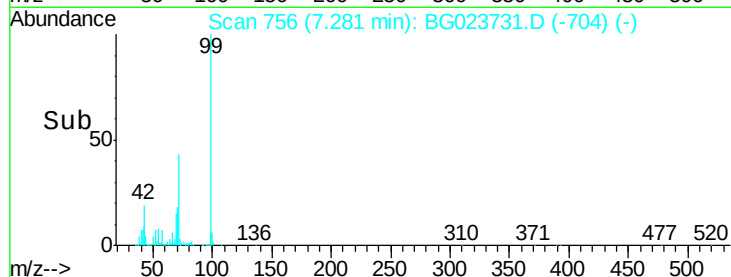
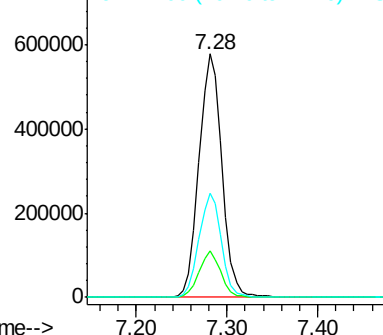


Abundance

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: 10.96 min Scan# 1382

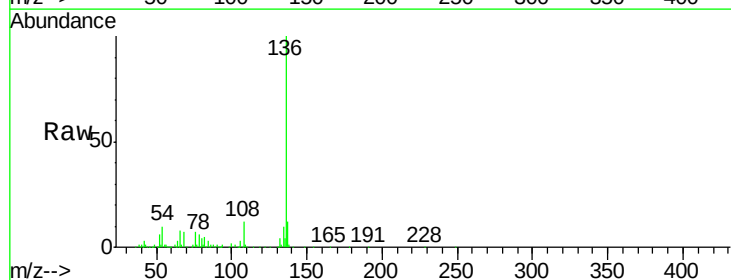
Delta R.T. 0.00 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

Tgt Ion: 136 Resp: 350706

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	9.8	7.3	10.9
68	7.2	5.3	7.9



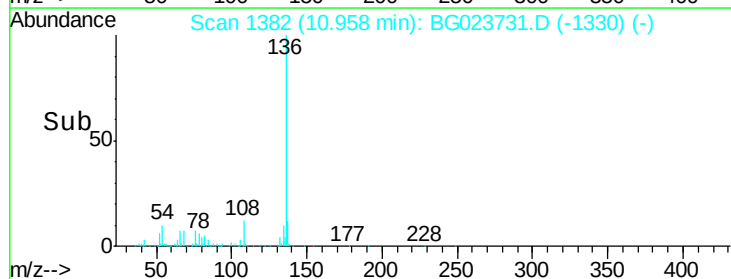
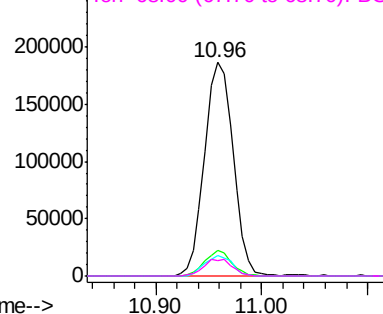
Abundance

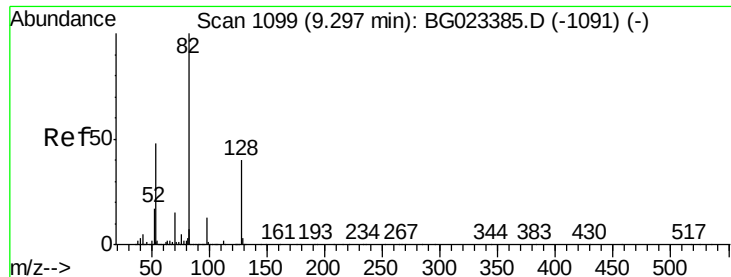
Ion 136.00 (135.70 to 136.70): BGC

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

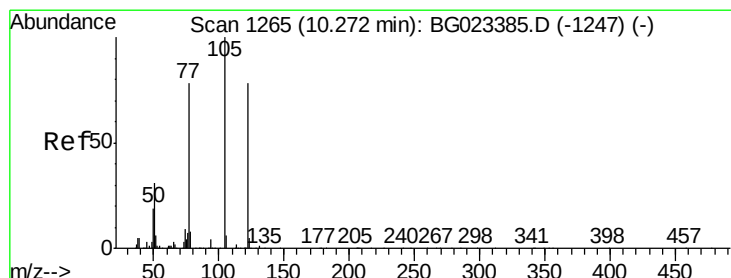
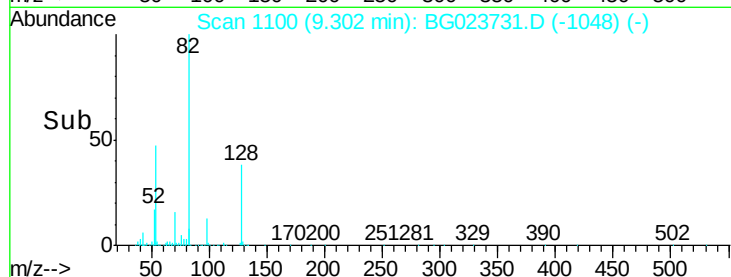
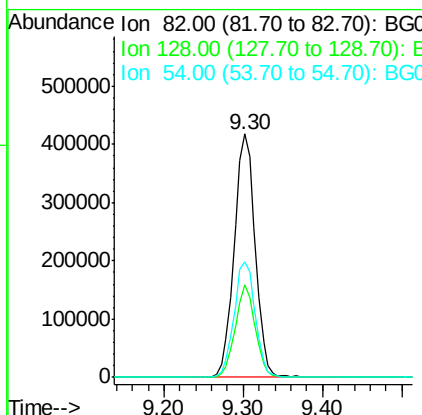
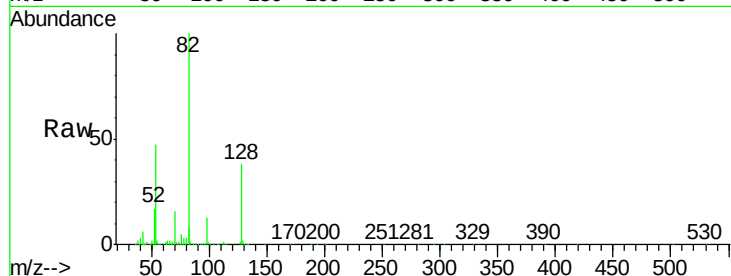




#23
 Nitrobenzene-d5
 Concen: 108.22 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BG023731.D
 Acq: 16 Aug 2016 17:24

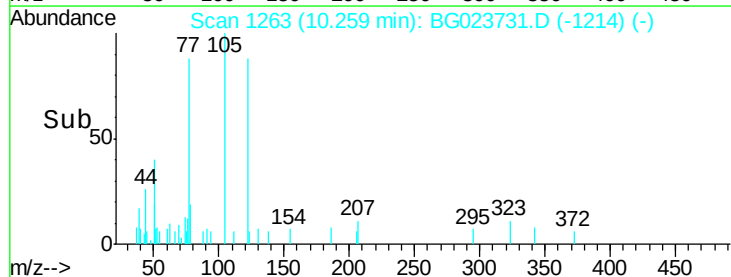
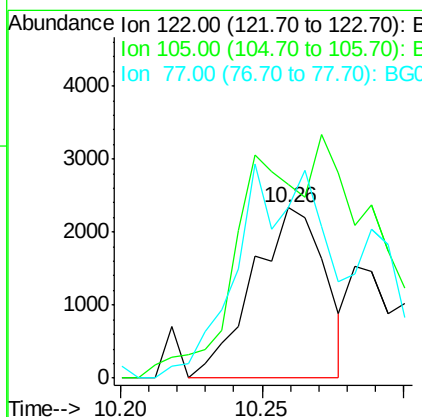
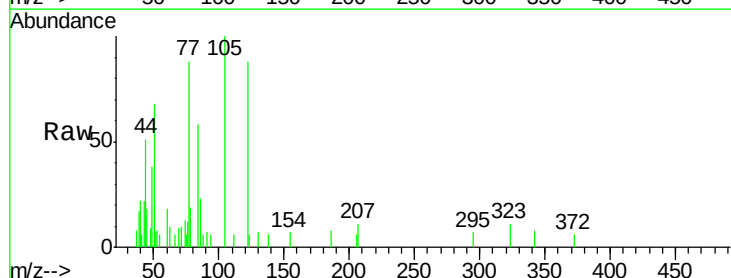
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-64-080916

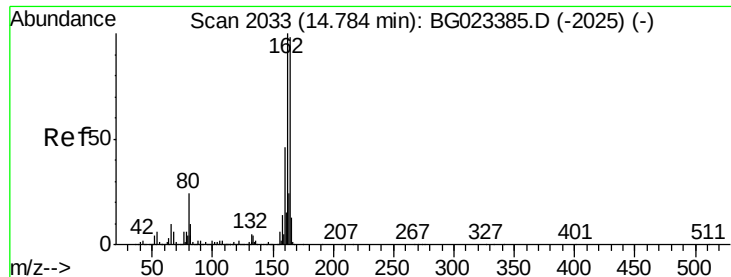
Tgt Ion: 82 Resp: 763409
 Ion Ratio Lower Upper
 82 100
 128 38.0 24.4 36.6#
 54 47.3 41.4 62.0



#32
 Benzoic acid
 Concen: 7.13 ng
 RT: 10.26 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG023731.D
 Acq: 16 Aug 2016 17:24

Tgt Ion: 122 Resp: 4127
 Ion Ratio Lower Upper
 122 100
 105 114.2 117.2 157.2#
 77 100.3 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

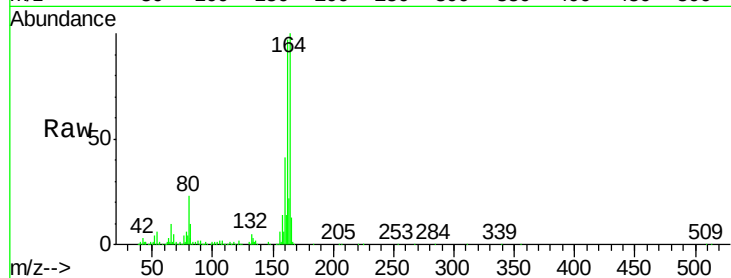
Tgt Ion:164 Resp: 243666

Ion Ratio Lower Upper

164 100

162 97.2 87.7 131.5

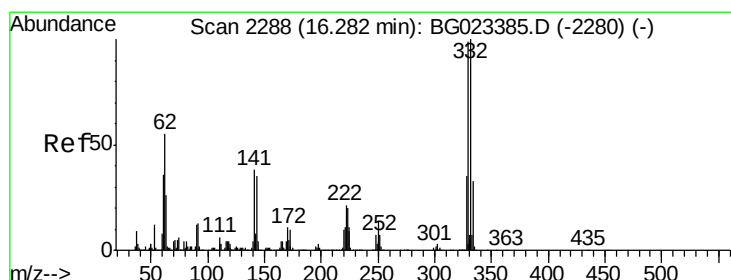
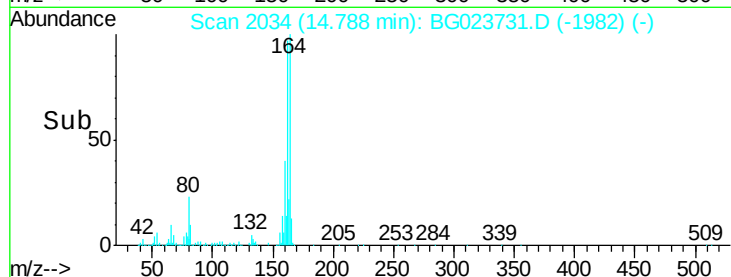
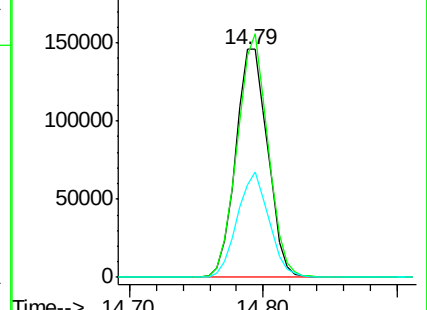
160 40.6 37.2 55.8



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: 161.37 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

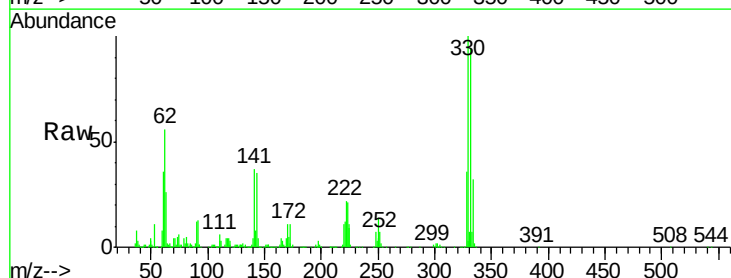
Tgt Ion:330 Resp: 575142

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

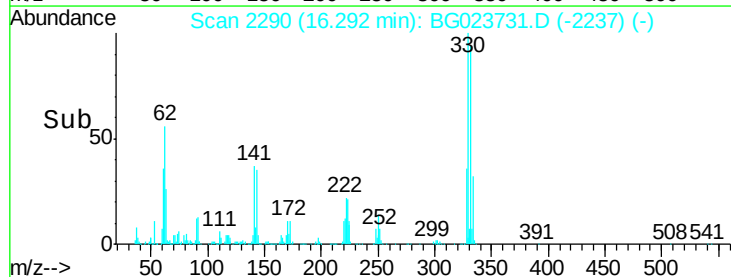
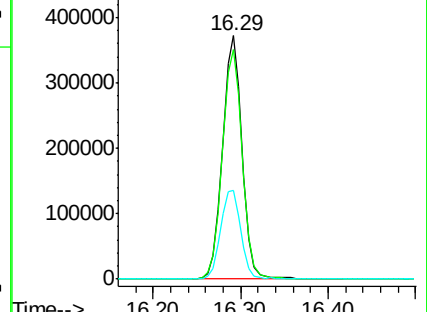
141 38.1 31.7 47.5

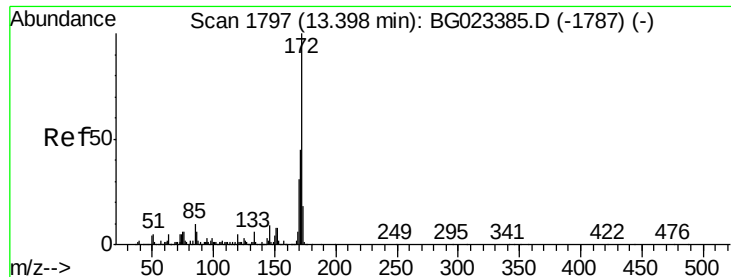


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

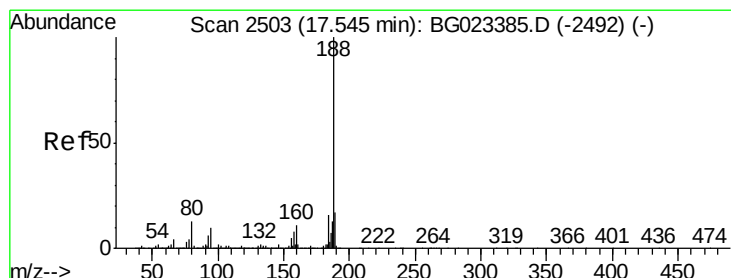
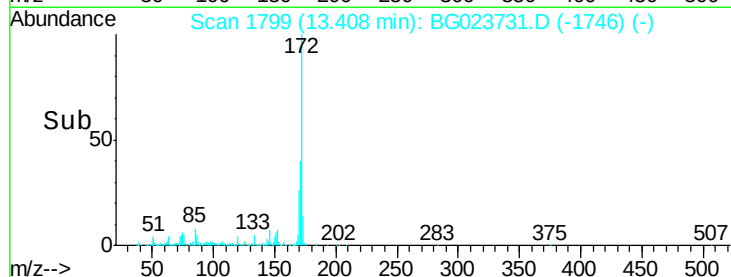
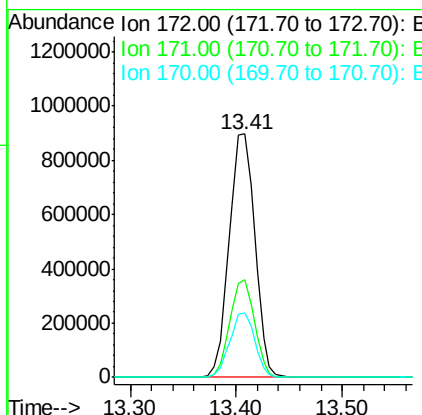
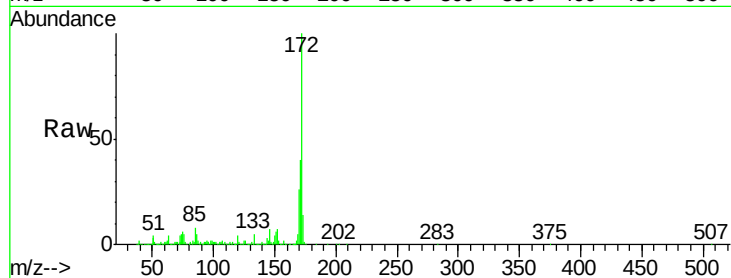




#44
 2-Fluorobiphenyl
 Concen: 103.98 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. 0.01 min
 Lab File: BG023731.D
 Acq: 16 Aug 2016 17:24

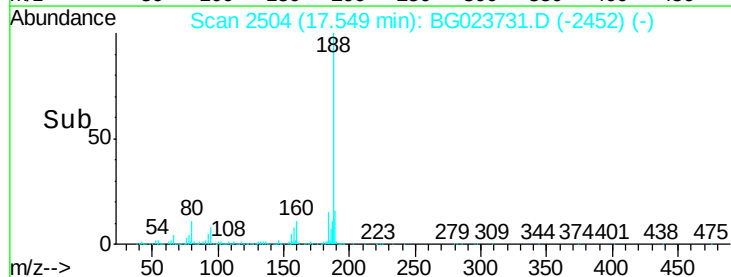
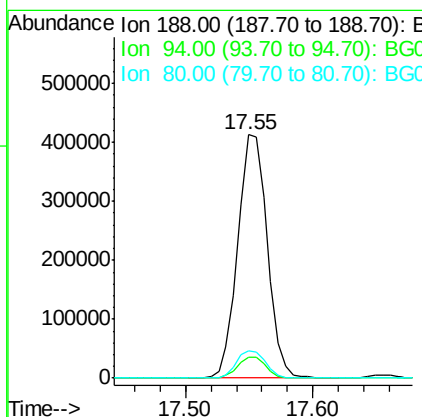
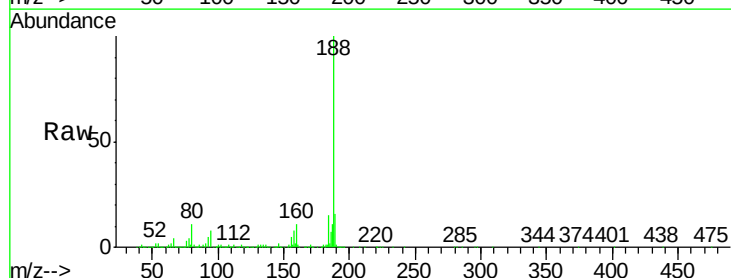
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-64-080916

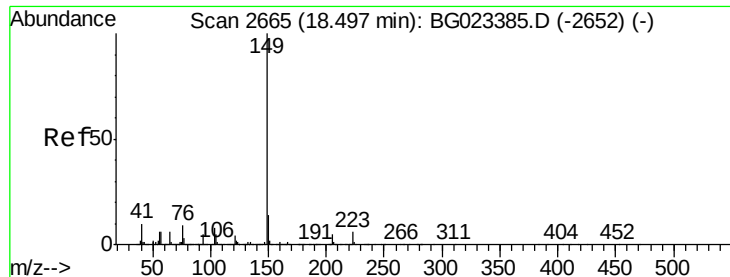
Tgt Ion:172 Resp: 1502153
 Ion Ratio Lower Upper
 172 100
 171 39.9 31.6 47.4
 170 26.5 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BG023731.D
 Acq: 16 Aug 2016 17:24

Tgt Ion:188 Resp: 665050
 Ion Ratio Lower Upper
 188 100
 94 8.4 5.2 7.8#
 80 11.3 7.2 10.8#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.50 min Scan# 2666

Delta R.T. 0.01 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

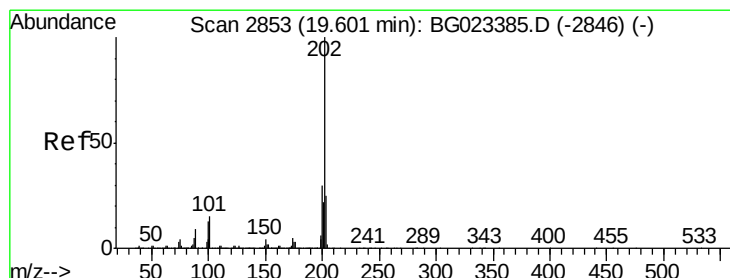
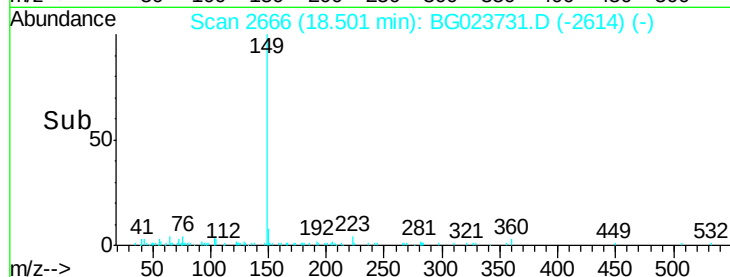
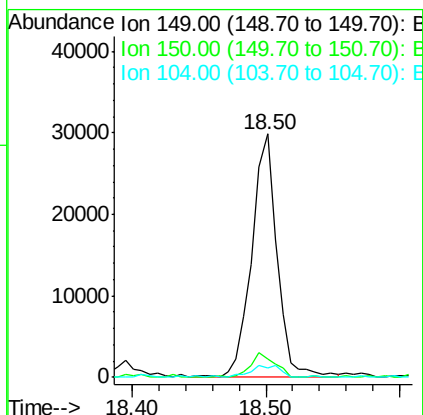
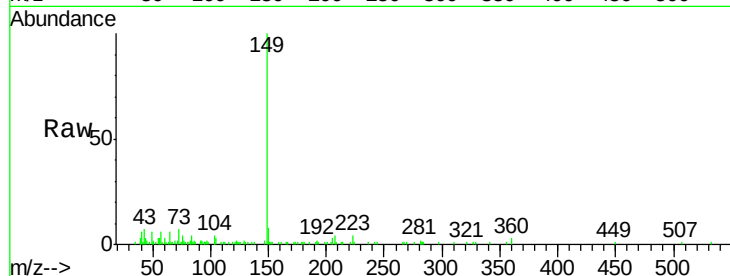
Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

Tgt Ion:	149	Resp:	39008
Ion	Ratio	Lower	Upper
149	100		
150	7.7	9.1	13.7#
104	3.9	6.9	10.3#



#74

Fluoranthene

Concen: Below Cal

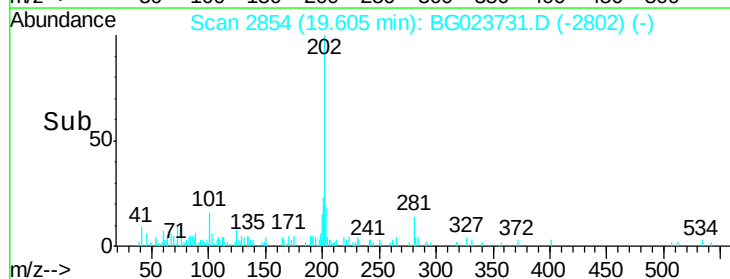
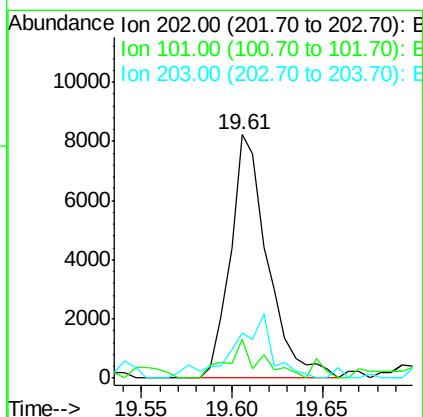
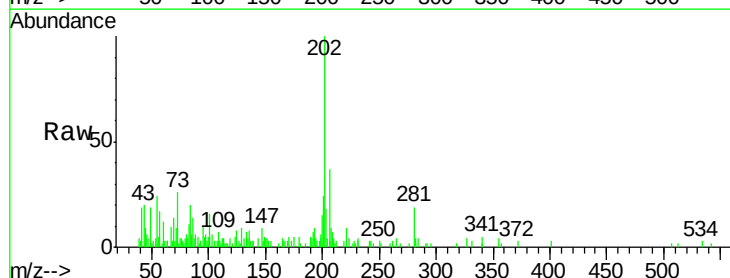
RT: 19.61 min Scan# 2854

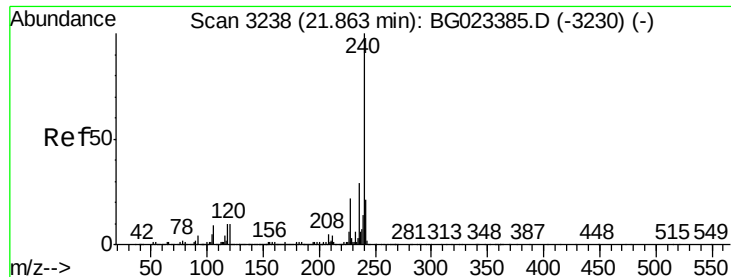
Delta R.T. 0.01 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

Tgt Ion:	202	Resp:	11680
Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	27.4
203	18.5	1.7	41.7

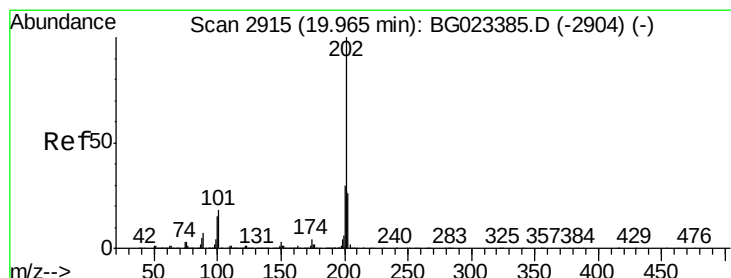
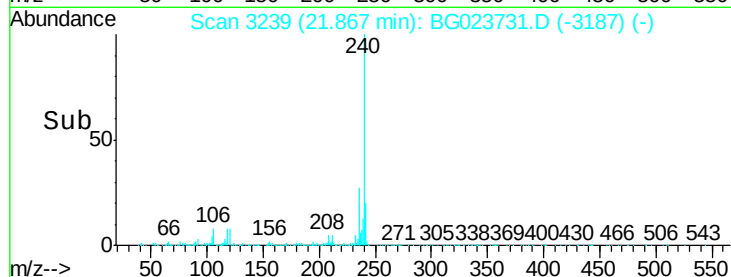
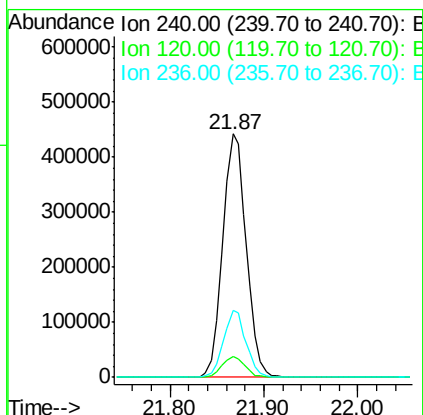
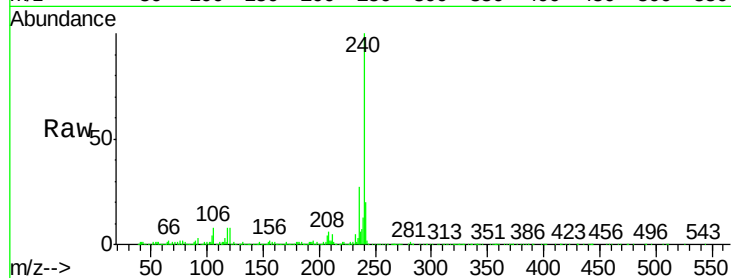




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.87 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: BG023731.D
 Acq: 16 Aug 2016 17:24

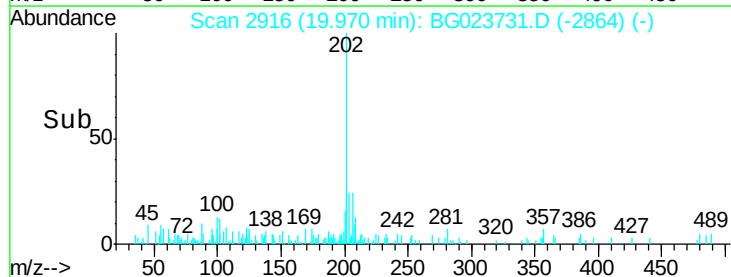
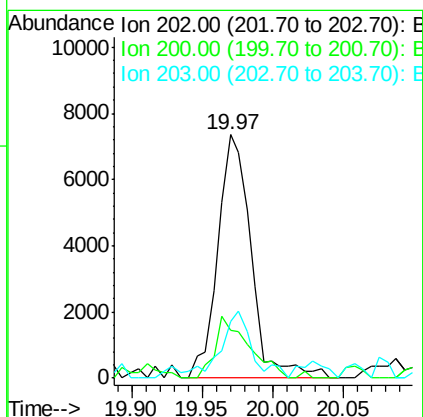
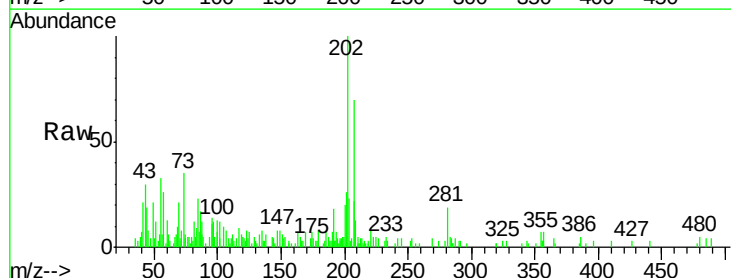
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-64-080916

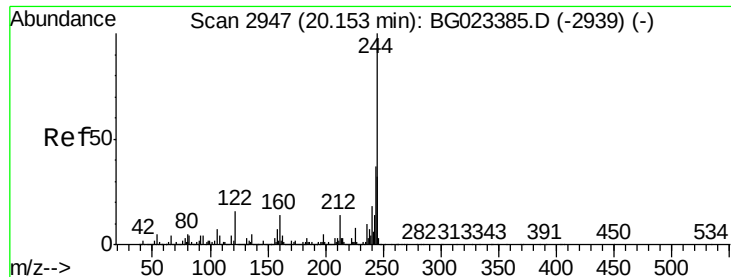
Tgt Ion:240 Resp: 766340
 Ion Ratio Lower Upper
 240 100
 120 8.4 4.1 6.1#
 236 27.3 21.1 31.7



#77
 Pyrene
 Concen: Below Cal
 RT: 19.97 min Scan# 2916
 Delta R.T. 0.00 min
 Lab File: BG023731.D
 Acq: 16 Aug 2016 17:24

Tgt Ion:202 Resp: 12071
 Ion Ratio Lower Upper
 202 100
 200 19.9 21.2 31.8#
 203 23.3 16.8 25.2





#78

Terphenyl-d14

Concen: 120.18 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

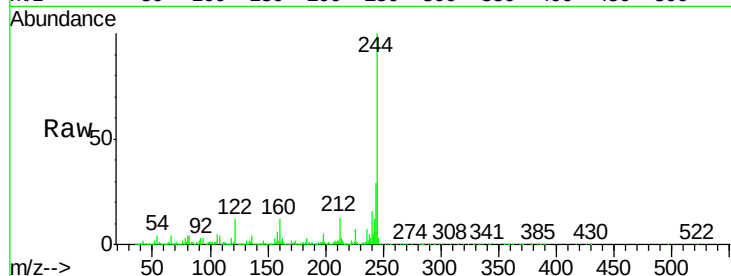
Tgt Ion:244 Resp: 2748970

Ion Ratio Lower Upper

244 100

212 12.6 10.8 16.2

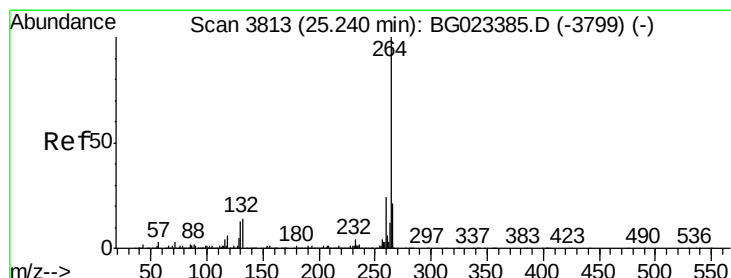
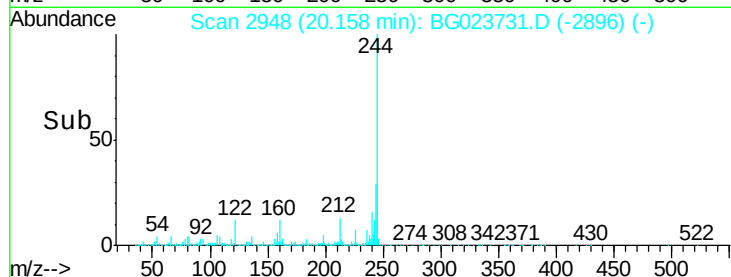
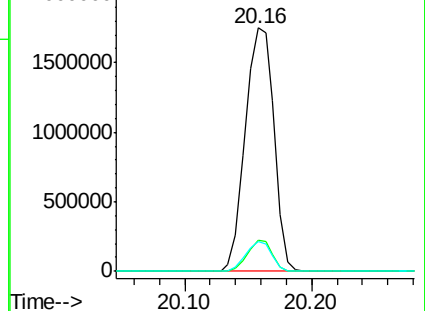
122 12.4 8.0 12.0#



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: 25.27 min Scan# 3818

Delta R.T. 0.03 min

Lab File: BG023731.D

Acq: 16 Aug 2016 17:24

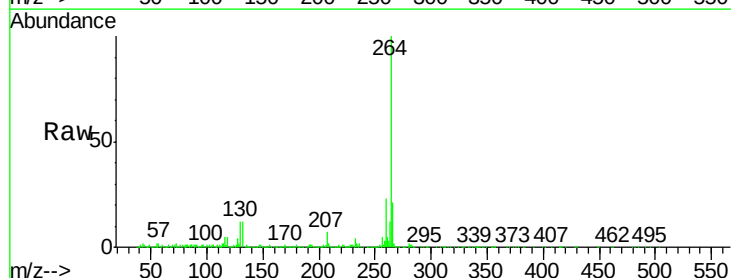
Tgt Ion:264 Resp: 751964

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.2 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

