

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023897.D
 Acq On : 25 Aug 2016 17:18
 Operator : UM/SJ
 Sample : H4581-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-67-082316

Quant Time: Aug 26 01:04:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

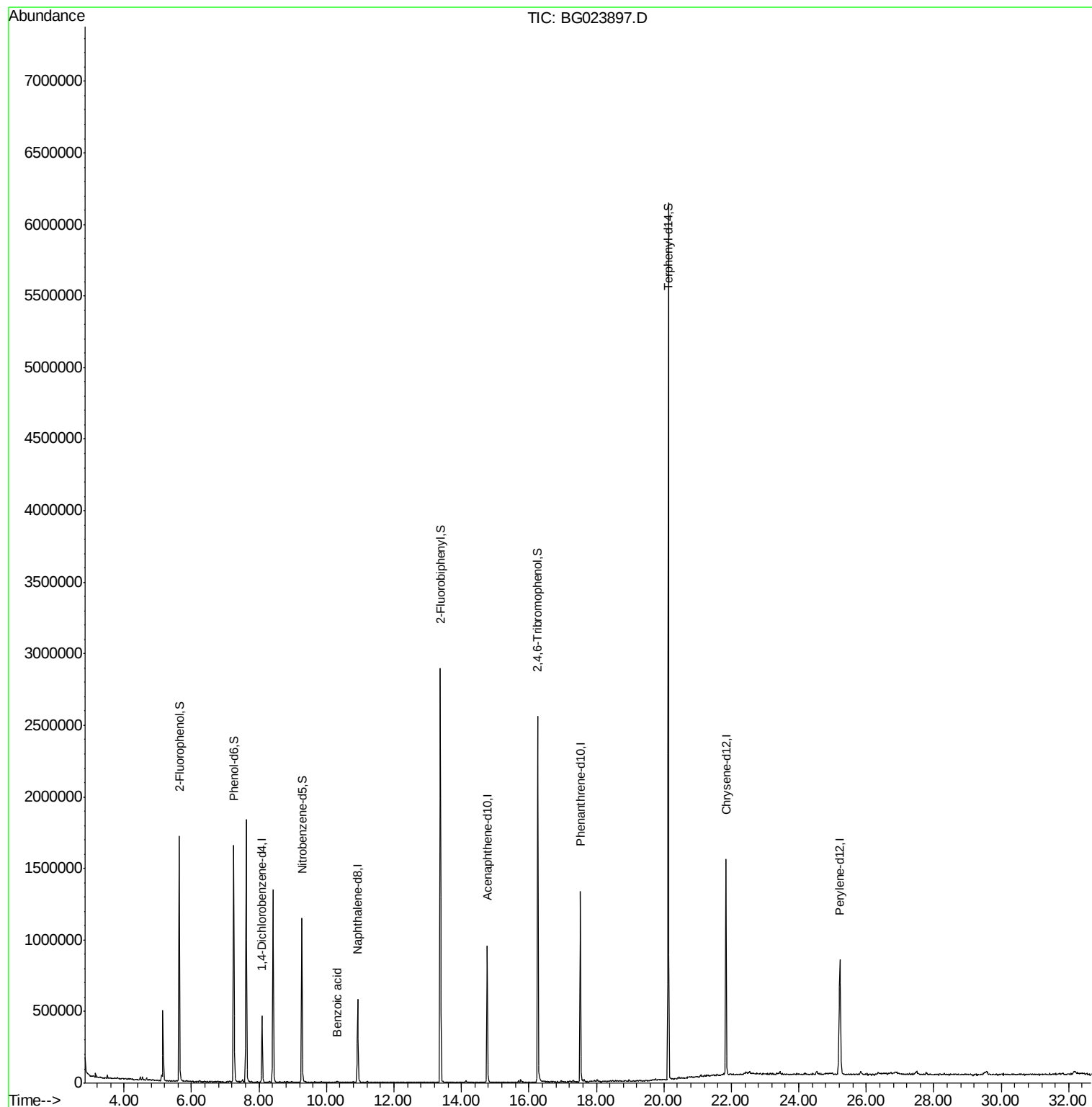
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	117837	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	498213	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	325880	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	806197	20.00	ng	0.00
75) Chrysene-d12	21.84	240	933654	20.00	ng	0.00
86) Perylene-d12	25.21	264	908550	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	703796	100.54	ng	0.00
7) Phenol-d6	7.25	99	947567	86.90	ng	0.00
23) Nitrobenzene-d5	9.27	82	748024	74.64	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	446277	93.63	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1484794	76.85	ng	0.00
78) Terphenyl-d14	20.13	244	2332196	76.18	ng	0.00
Target Compounds						
9) Benzaldehyde	7.25	77	2117	Below Cal	#	17
32) Benzoic acid	10.32	122	76	6.45 ng	#	1
73) Di-n-butylphthalate	18.48	149	4979	Below Cal	#	94
74) Fluoranthene	19.60	202	1034	Below Cal	#	60
77) Pyrene	19.95	202	433	Below Cal	#	47

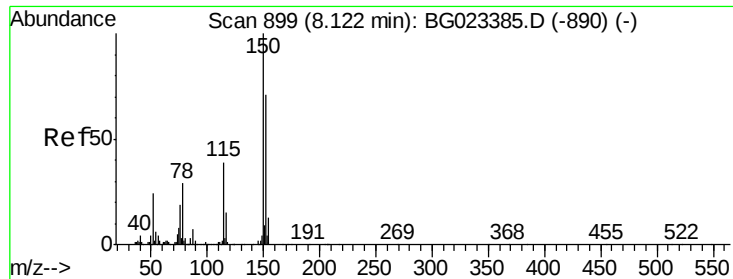
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

Instrument :

BNA_G

ClientSampleId :

HSR-WC-67-082316

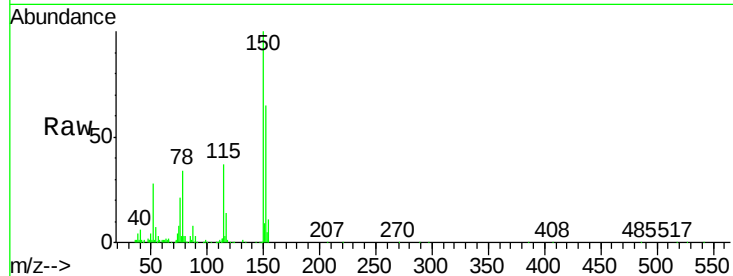
Tgt Ion:152 Resp: 117837

Ion Ratio Lower Upper

152 100

150 153.3 144.7 217.1

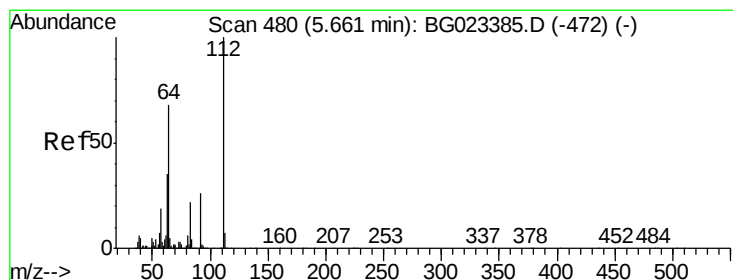
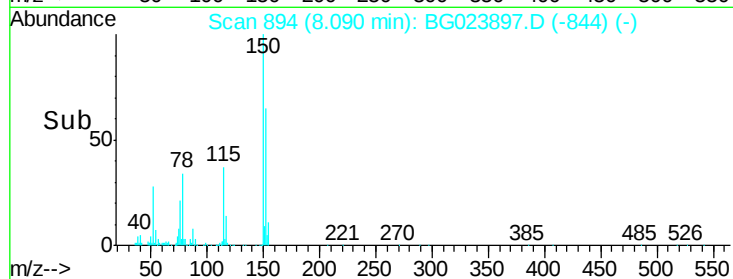
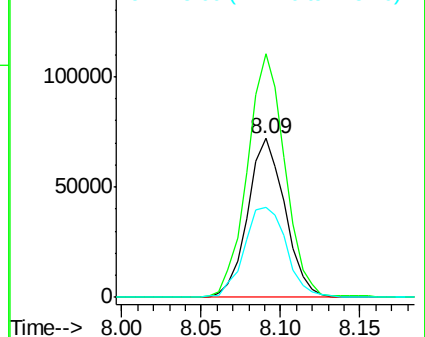
115 56.6 64.0 96.0#



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: 100.54 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

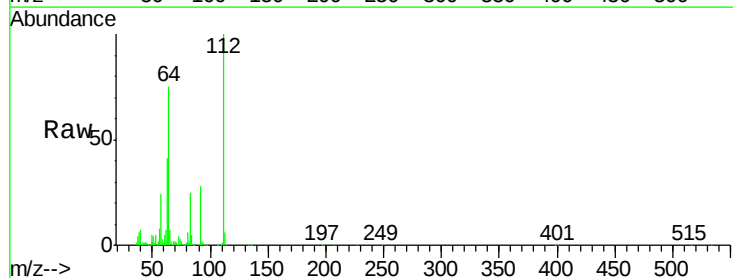
Tgt Ion:112 Resp: 703796

Ion Ratio Lower Upper

112 100

64 75.3 59.0 88.4

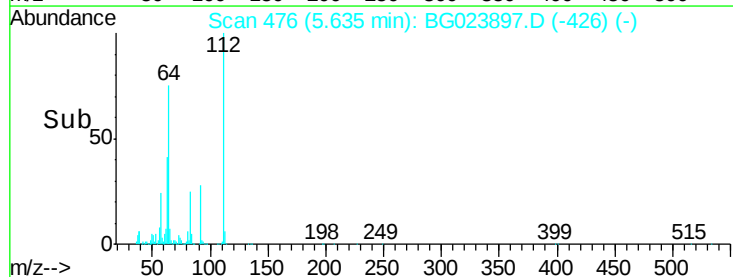
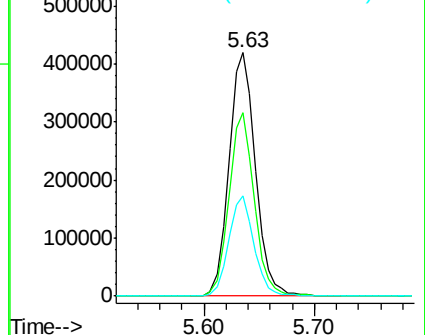
63 41.0 37.8 56.8

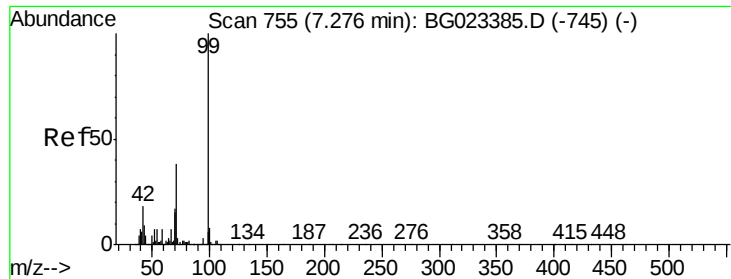


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 86.90 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

Instrument :

BNA_G

ClientSampleId :

HSR-WC-67-082316

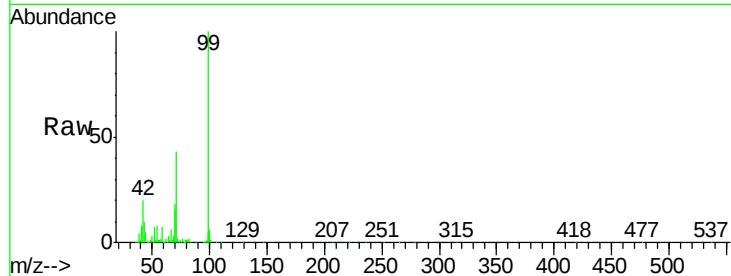
Tgt Ion: 99 Resp: 947567

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.8	26.6
71	42.8	41.5	62.3

99 100

42 19.5 17.8 26.6

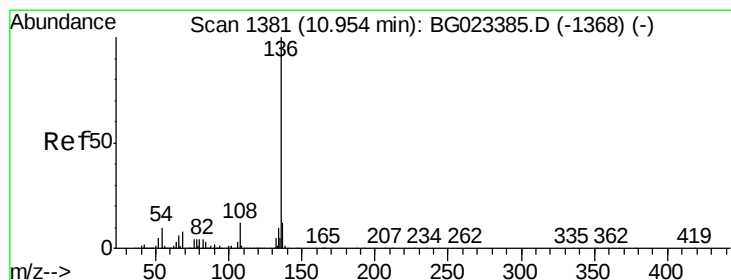
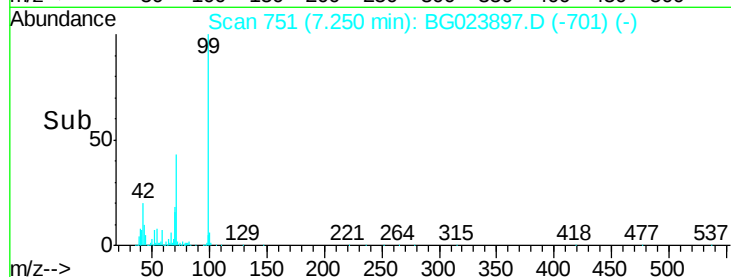
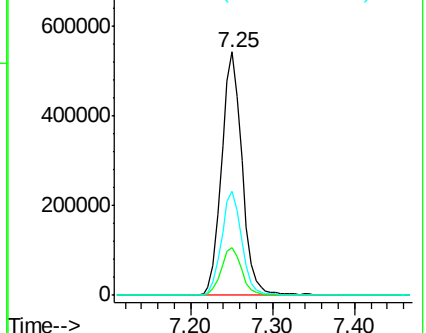
71 42.8 41.5 62.3



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. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

Tgt Ion: 136 Resp: 498213

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.8	7.3	10.9
68	7.2	5.3	7.9

136 100

137 11.5 9.6 14.4

54 9.8 7.3 10.9

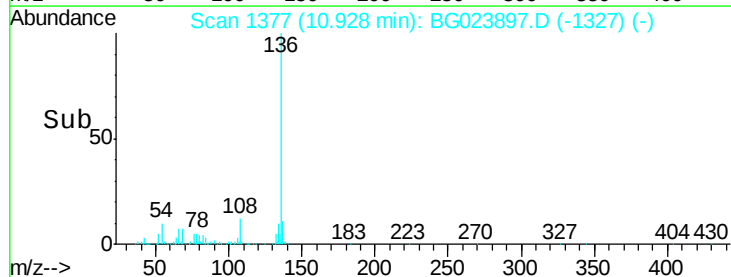
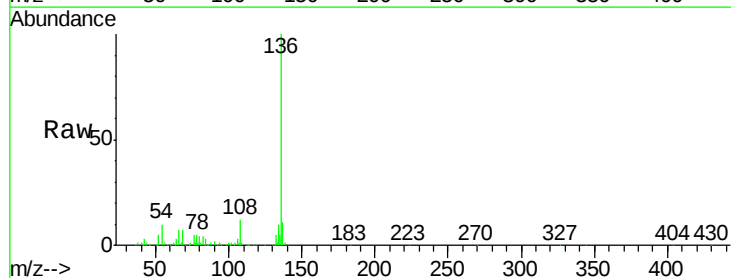
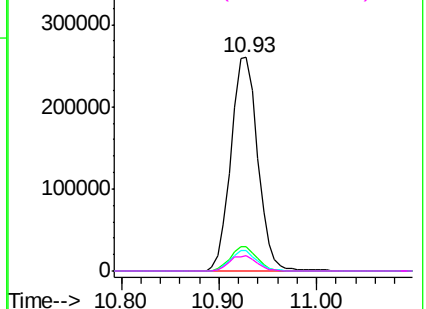
68 7.2 5.3 7.9

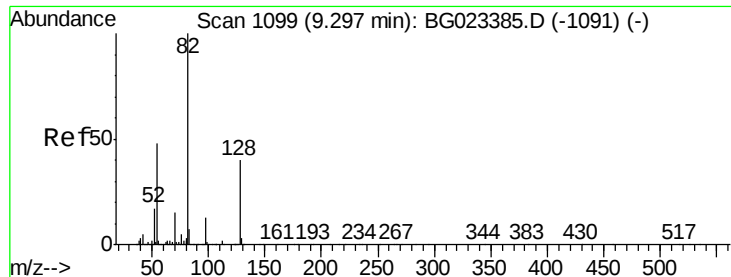
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

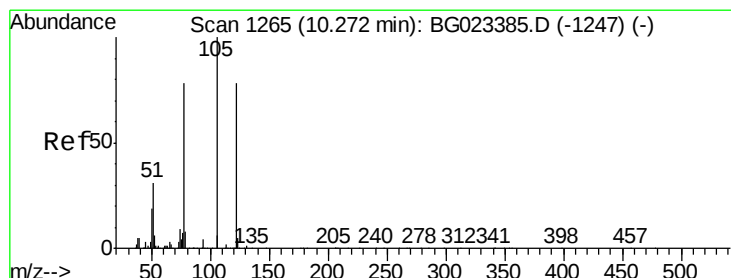
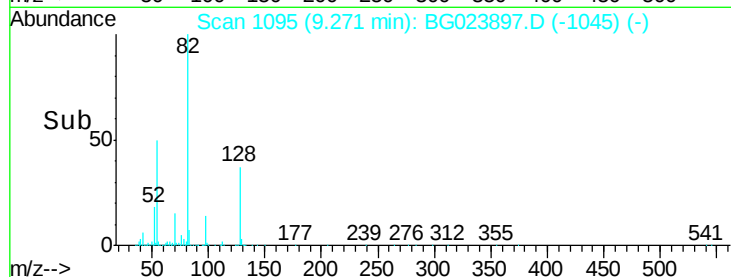
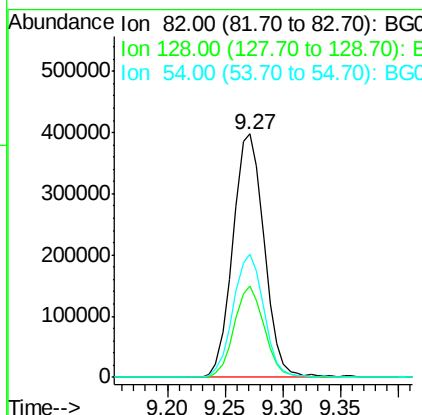
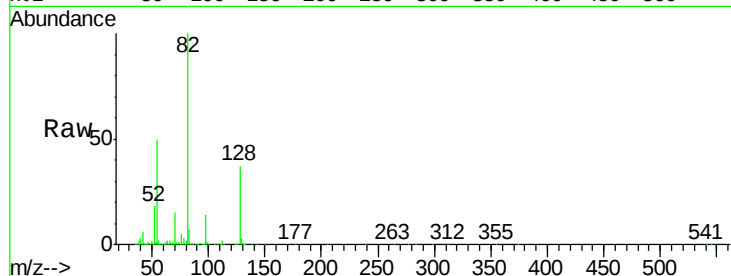




#23
Nitrobenzene-d5
Concen: 74.64 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

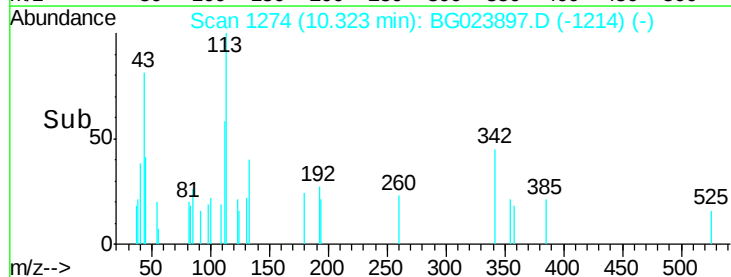
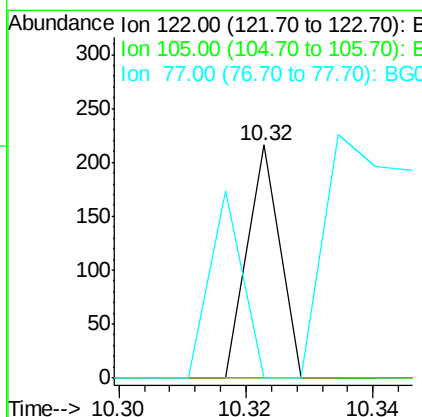
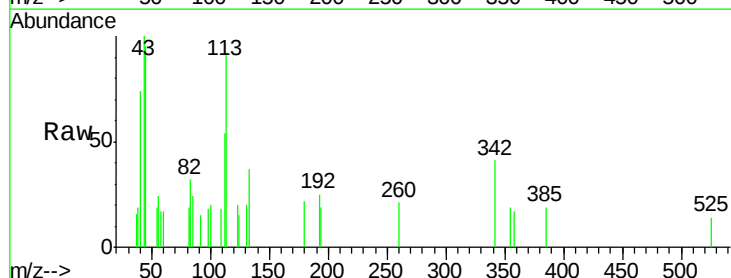
Instrument :
BNA_G
ClientSampleId :
HSR-WC-67-082316

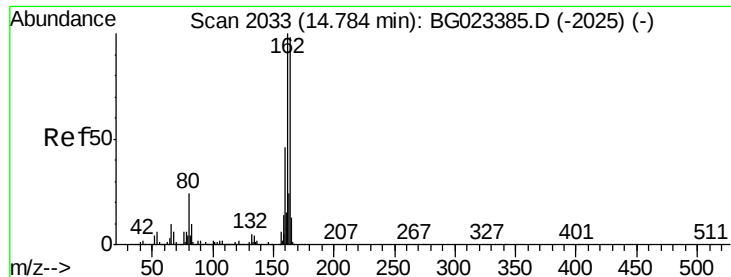
Tgt Ion: 82 Resp: 748024
Ion Ratio Lower Upper
82 100
128 37.4 24.4 36.6#
54 50.4 41.4 62.0



#32
Benzoic acid
Concen: 6.45 ng
RT: 10.32 min Scan# 1274
Delta R.T. 0.05 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Tgt Ion: 122 Resp: 76
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. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

Instrument :

BNA_G

ClientSampleId :

HSR-WC-67-082316

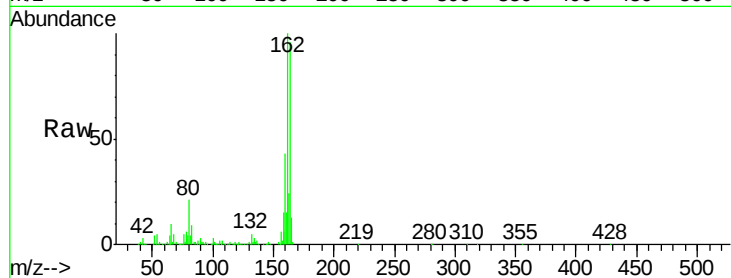
Tgt Ion:164 Resp: 325880

Ion Ratio Lower Upper

164 100

162 104.6 87.7 131.5

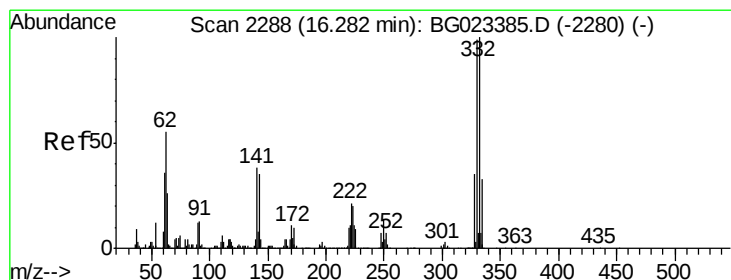
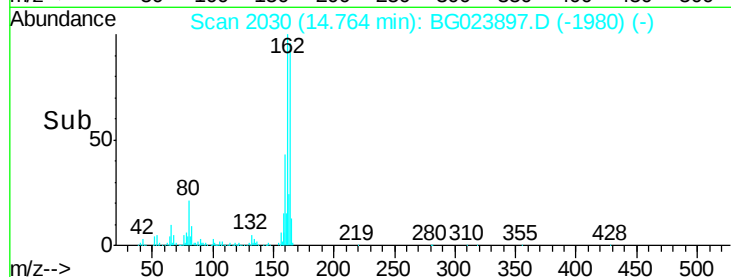
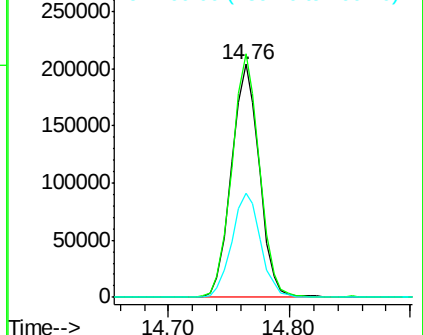
160 44.9 37.2 55.8



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: 93.63 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

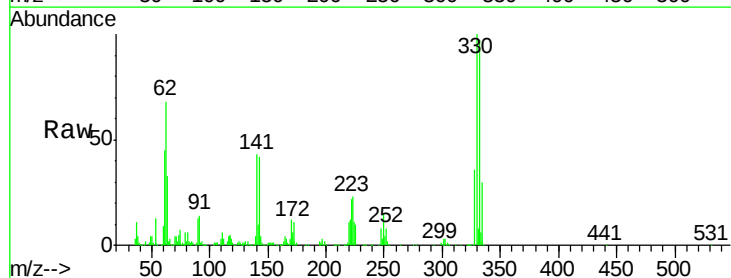
Tgt Ion:330 Resp: 446277

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

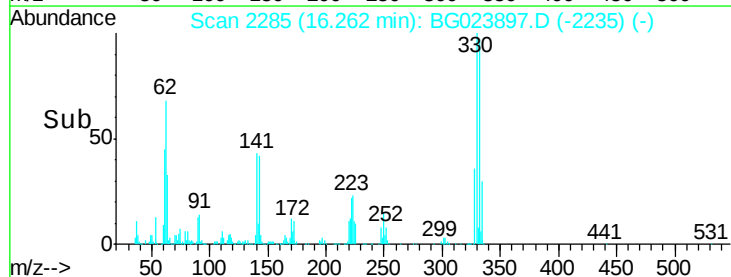
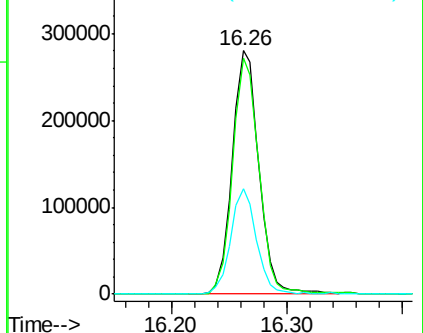
141 42.0 31.7 47.5

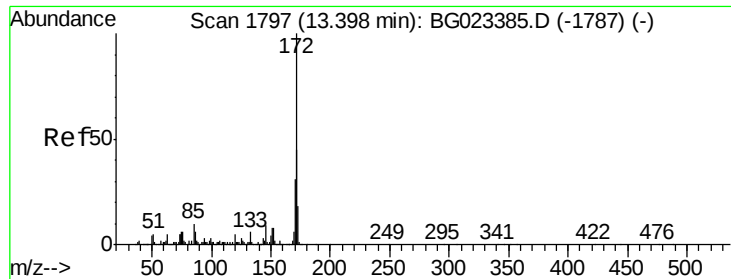


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

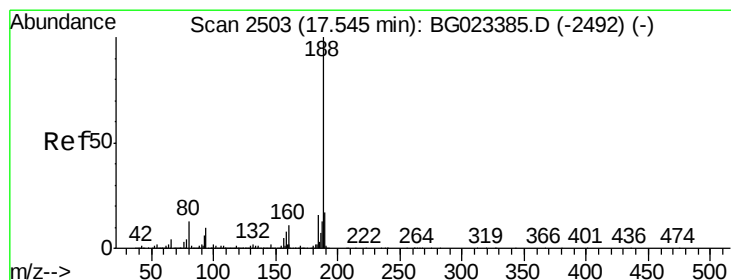
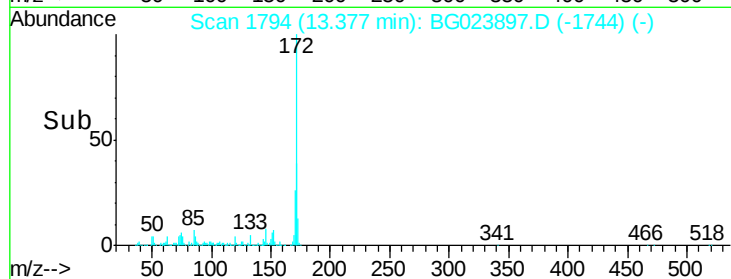
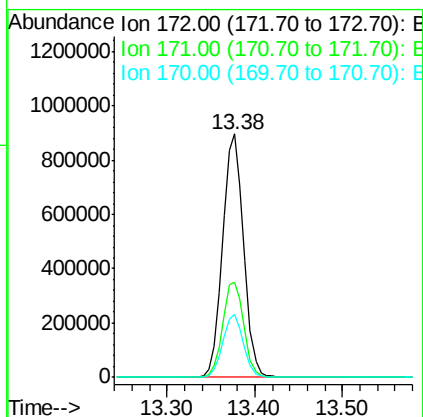
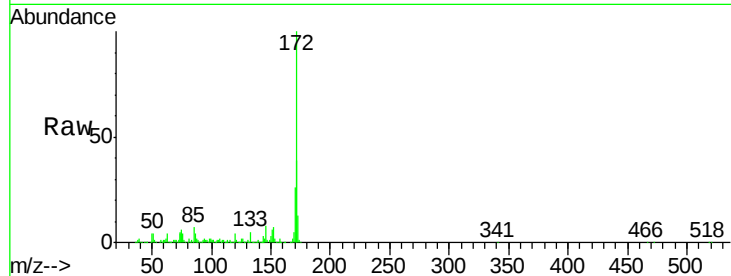




#44
2-Fluorobiphenyl
Concen: 76.85 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

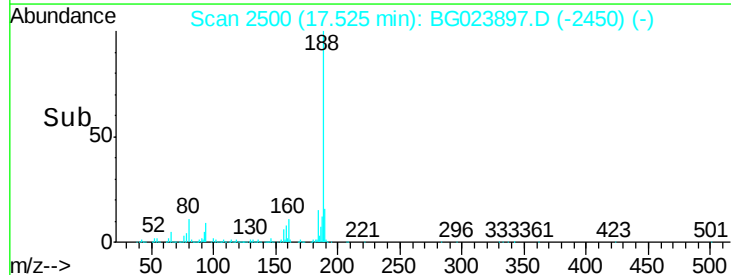
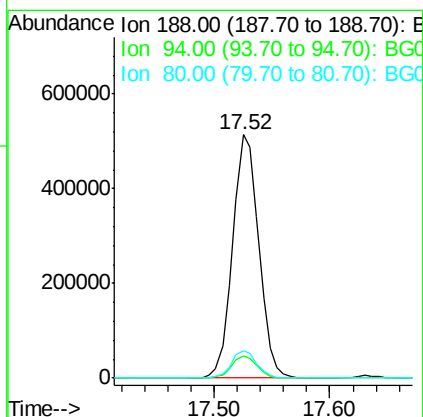
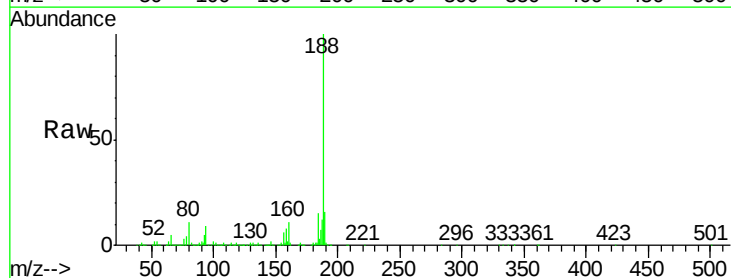
Instrument :
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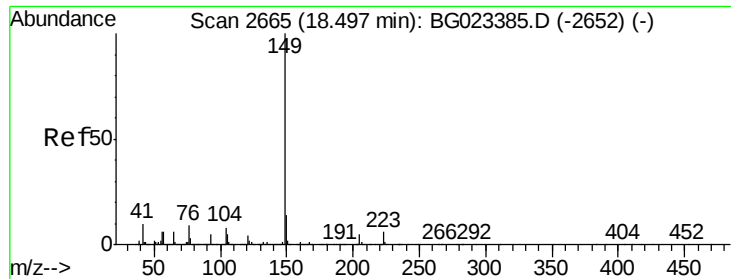
Tgt Ion:172 Resp: 1484794
Ion Ratio Lower Upper
172 100
171 39.1 31.6 47.4
170 26.1 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

Tgt Ion:188 Resp: 806197
Ion Ratio Lower Upper
188 100
94 9.2 5.2 7.8#
80 11.0 7.2 10.8#

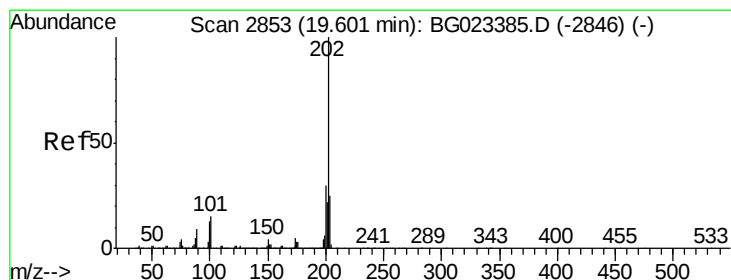
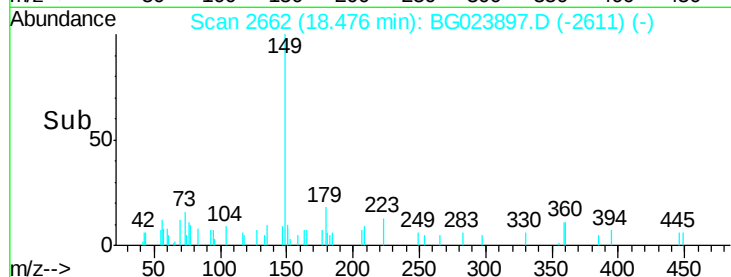
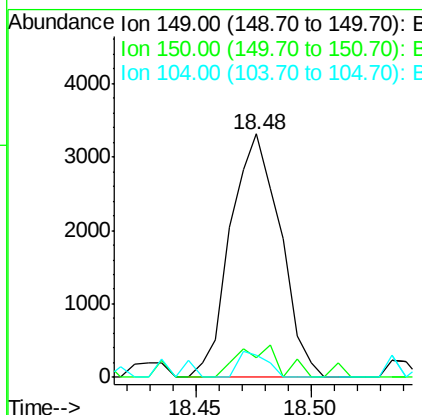
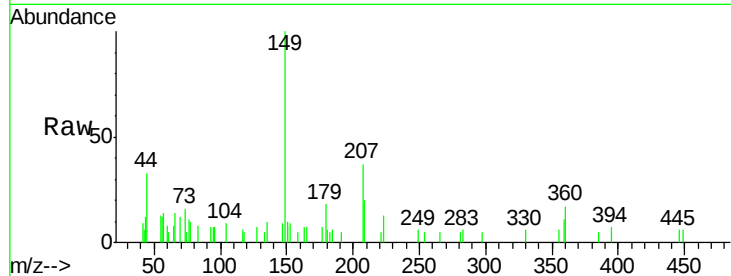




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.48 min Scan# 2662
Delta R.T. 0.00 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

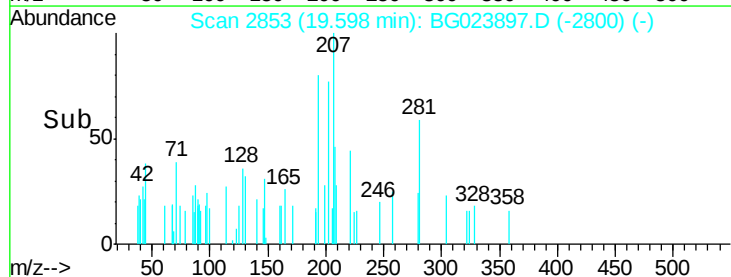
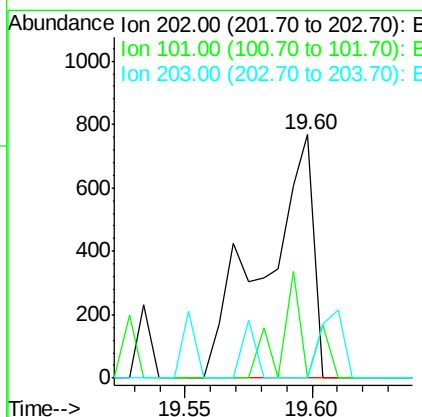
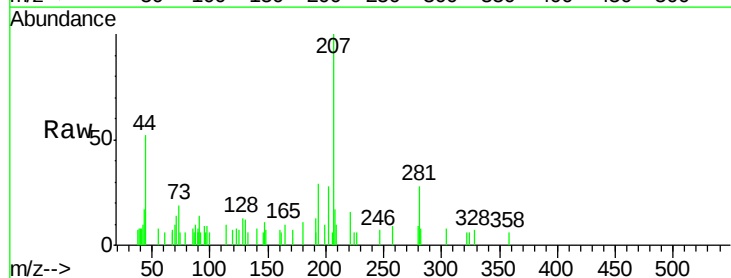
Instrument :
BNA_G
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HSR-WC-67-082316

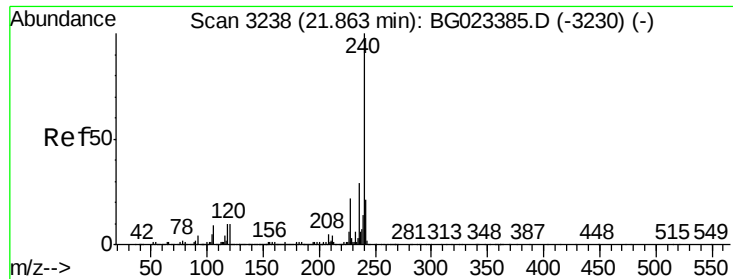
Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.2	9.1	13.7#
104	9.4	6.9	10.3



#74
Fluoranthene
Concen: Below Cal
RT: 19.60 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG023897.D
Acq: 25 Aug 2016 17:18

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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

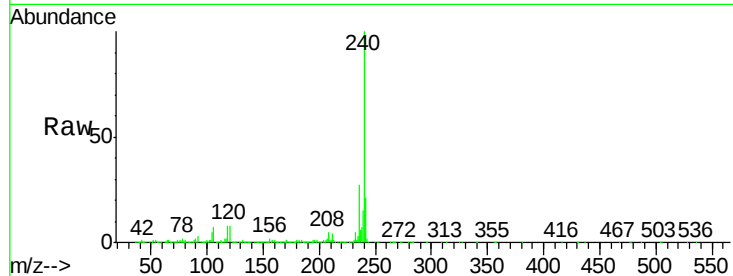
Instrument :

BNA_G

ClientSampleId :

HSR-WC-67-082316

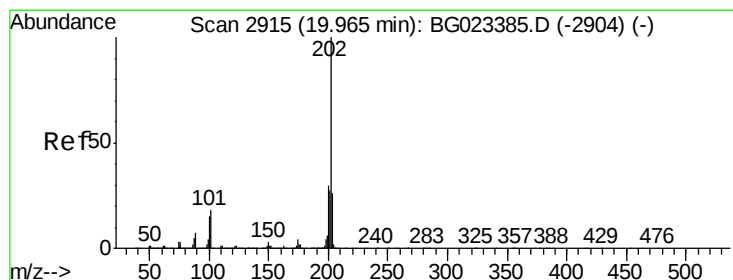
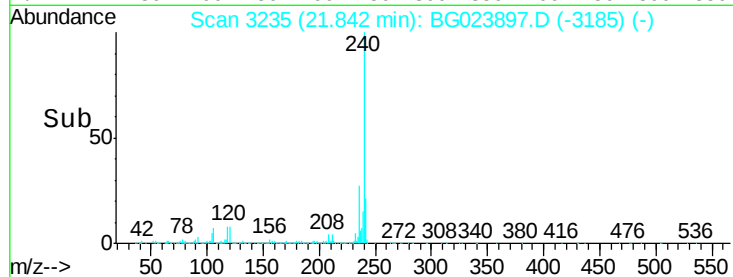
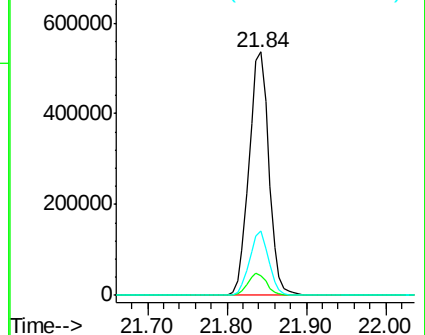
Tgt Ion:	240	Resp:	933654
Ion Ratio	Lower	Upper	
240	100		
120	8.1	4.1	6.1#
236	26.5	21.1	31.7



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



#77

Pyrene

Concen: Below Cal

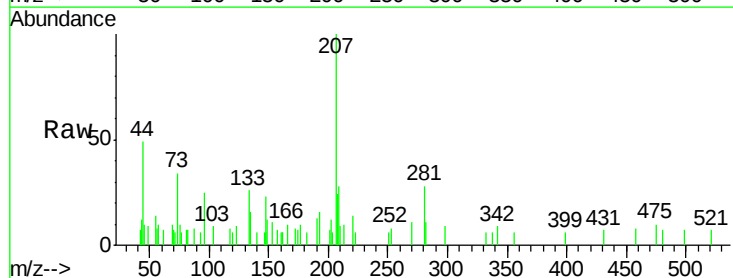
RT: 19.95 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

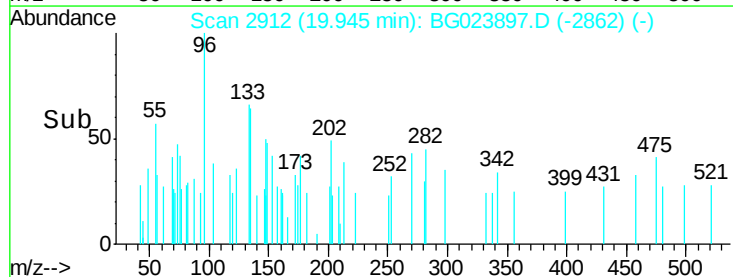
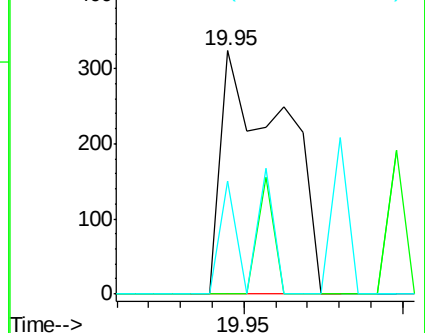
Tgt Ion:	202	Resp:	433
Ion Ratio	Lower	Upper	
202	100		
200	0.0	21.2	31.8#
203	46.3	16.8	25.2#

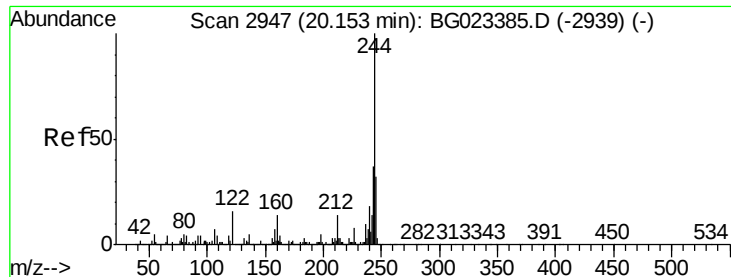


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.18 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

Instrument :

BNA_G

ClientSampleId :

HSR-WC-67-082316

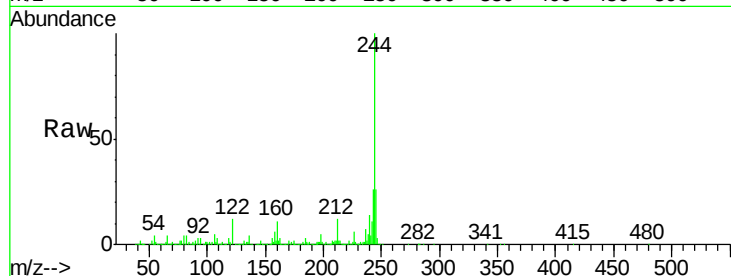
Tgt Ion:244 Resp: 2332196

Ion Ratio Lower Upper

244 100

212 11.7 10.8 16.2

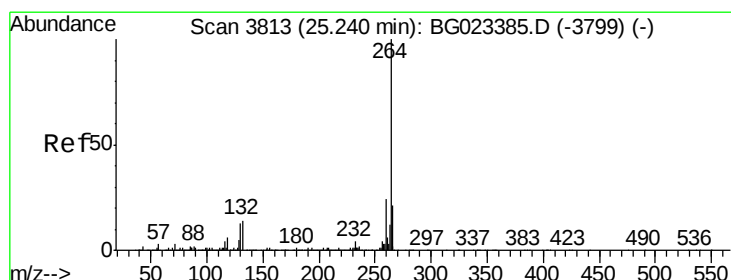
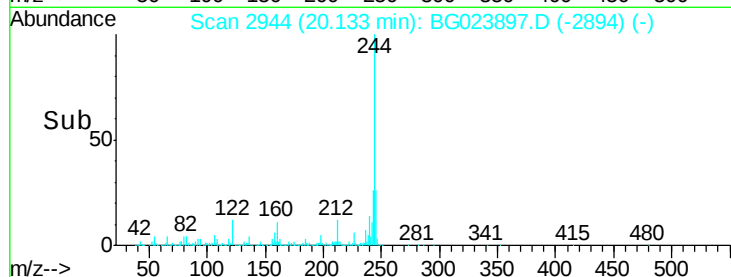
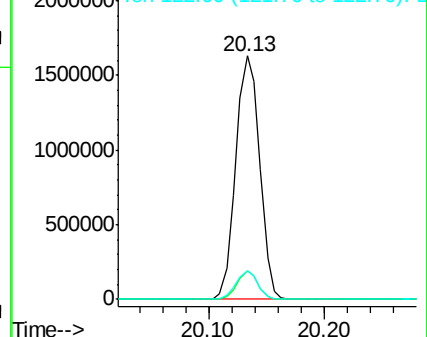
122 11.6 8.0 12.0



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: 25.21 min Scan# 3809

Delta R.T. -0.01 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

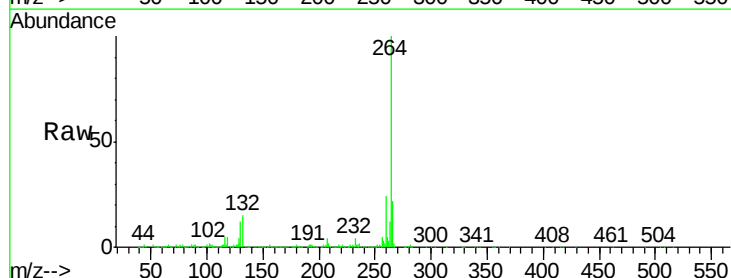
Tgt Ion:264 Resp: 908550

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 22.0 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

