

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071416\
 Data File : BG023107.D
 Acq On : 14 Jul 2016 18:54
 Operator : UM/SJ
 Sample : H4006-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-23A-9-11-DEEP

Quant Time: Jul 15 00:51:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

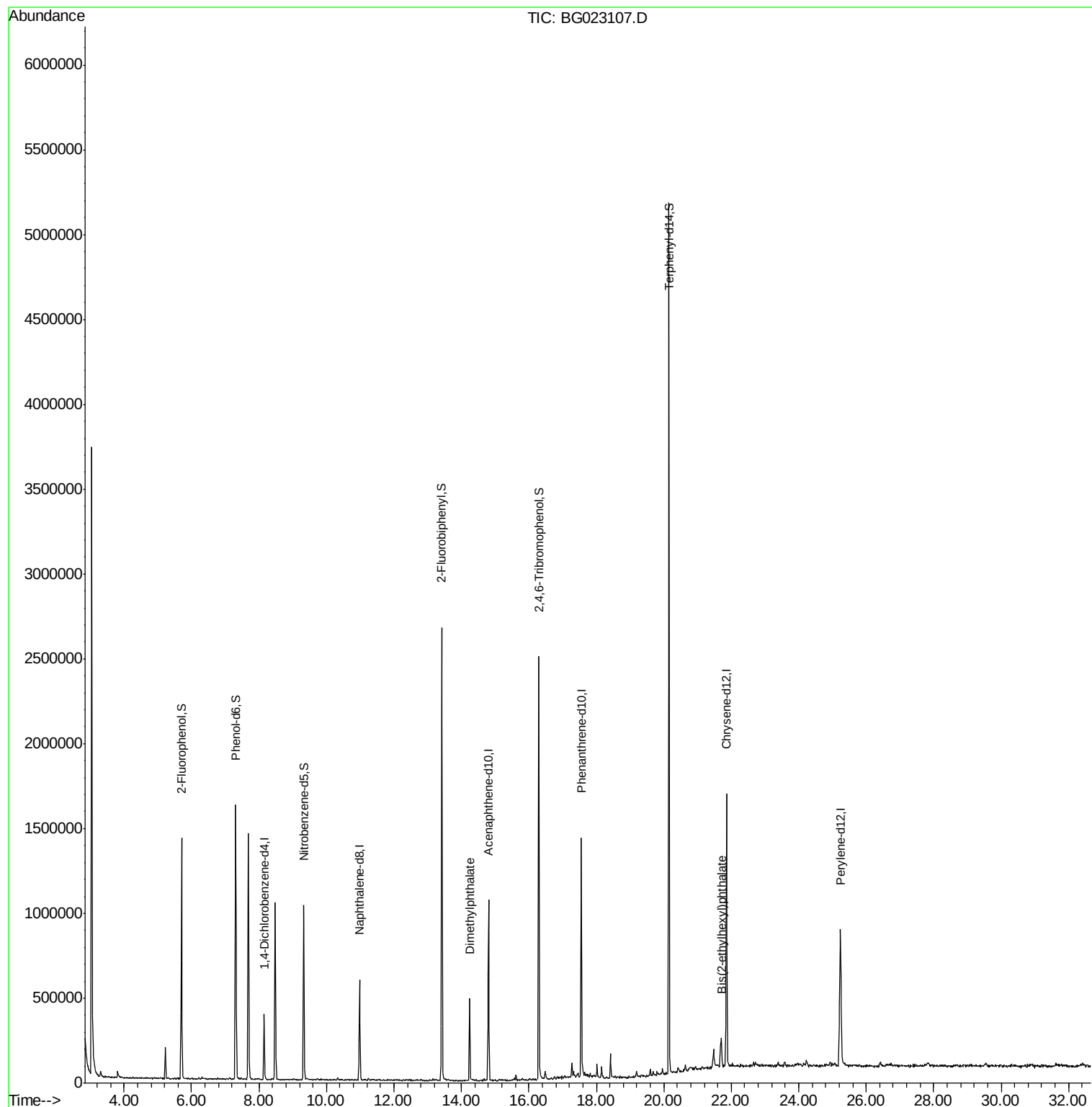
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	99743	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	472031	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	367024	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	885688	20.00	ng	0.00
75) Chrysene-d12	21.86	240	969342	20.00	ng	0.01
86) Perylene-d12	25.24	264	986257	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	560518	91.91	ng	0.00
7) Phenol-d6	7.31	99	885836	92.74	ng	0.00
23) Nitrobenzene-d5	9.33	82	656606	59.56	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	477841	72.44	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1337463	57.40	ng	0.00
78) Terphenyl-d14	20.15	244	1994493	57.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	294269	9.82	ng	99
83) Bis(2-ethylhexyl)phthalate	21.71	149	87777	2.93	ng	# 87

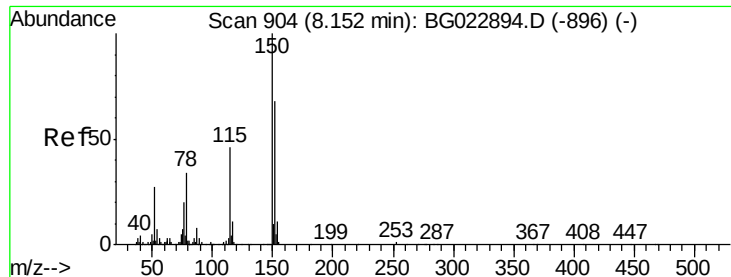
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023107.D

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Instrument :

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ClientSampleId :

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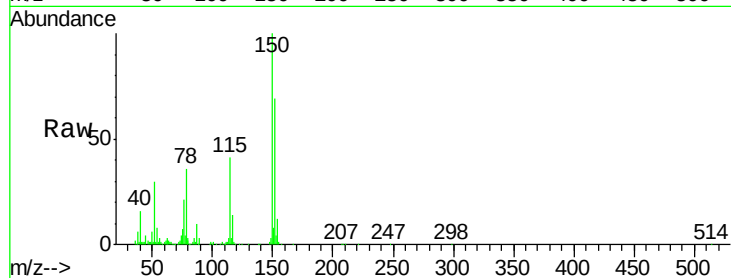
Tgt Ion:152 Resp: 99743

Ion Ratio Lower Upper

152 100

150 144.7 144.7 217.1#

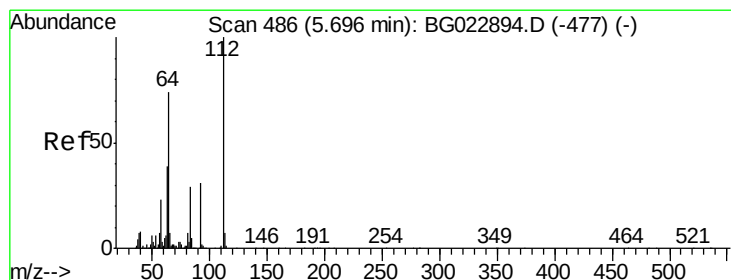
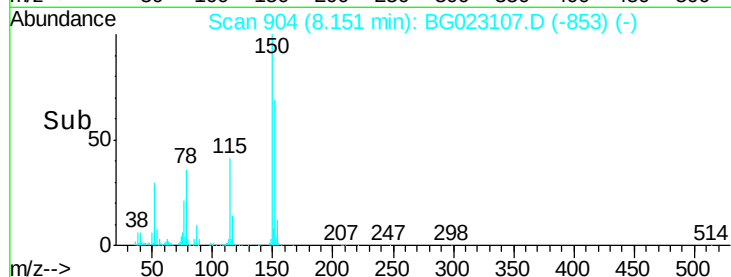
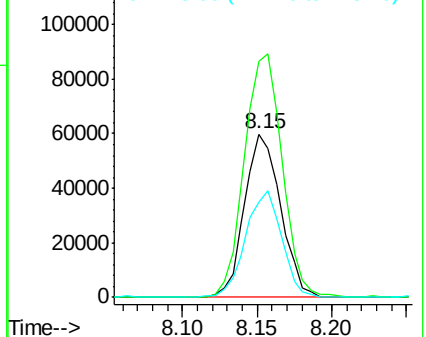
115 58.6 64.0 96.0#



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: 91.91 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG023107.D

Acq: 14 Jul 2016 18:54

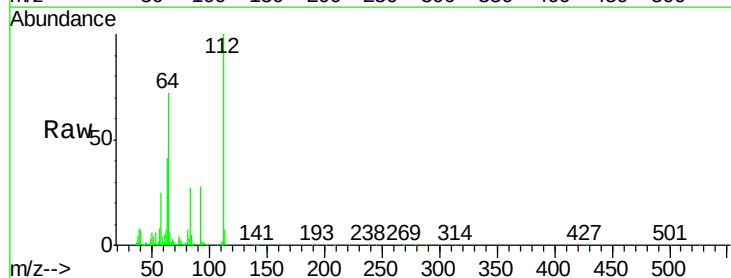
Tgt Ion:112 Resp: 560518

Ion Ratio Lower Upper

112 100

64 71.9 59.0 88.4

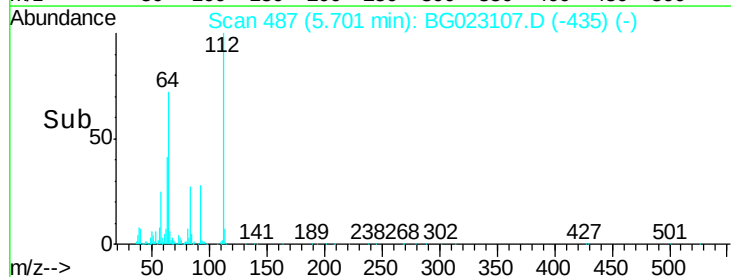
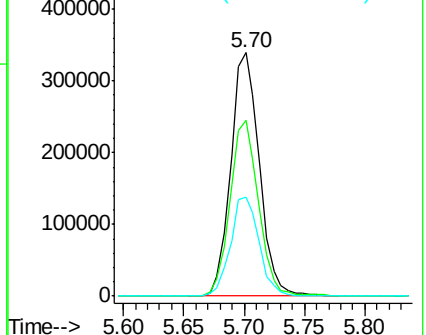
63 40.5 37.8 56.8

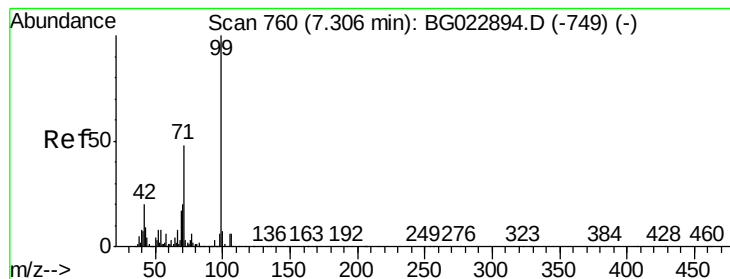


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 92.74 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023107.D

Acq: 14 Jul 2016 18:54

Instrument :

BNA_G

ClientSampleId :

LOCATION-23A-9-11-DEEP

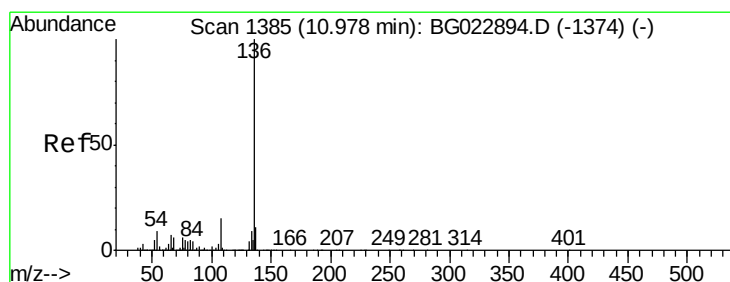
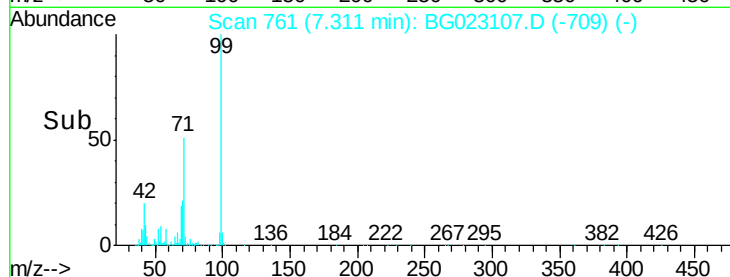
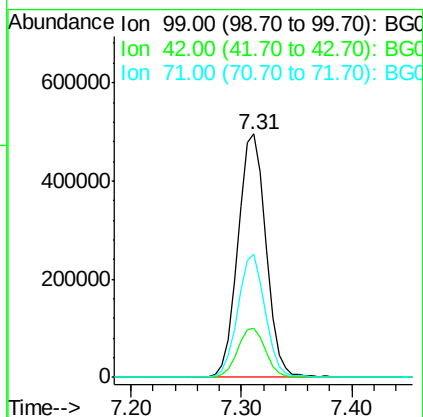
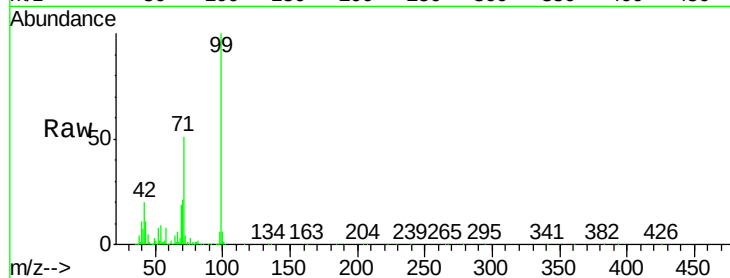
Tgt Ion: 99 Resp: 885836

Ion Ratio Lower Upper

99 100

42 20.3 17.8 26.6

71 50.7 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BG023107.D

Acq: 14 Jul 2016 18:54

Tgt Ion: 136 Resp: 472031

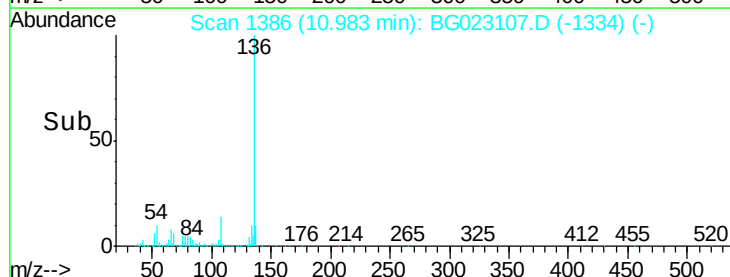
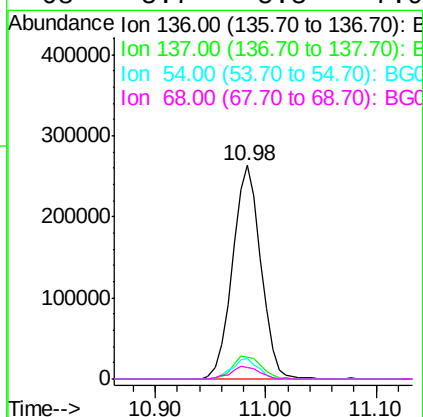
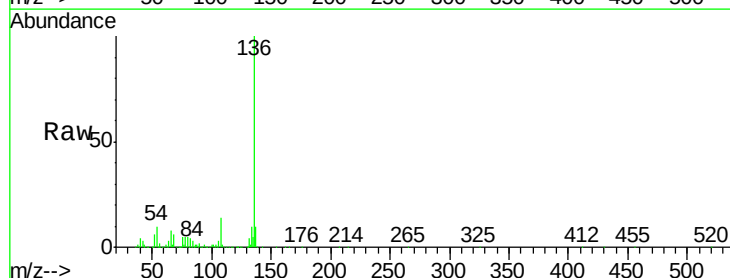
Ion Ratio Lower Upper

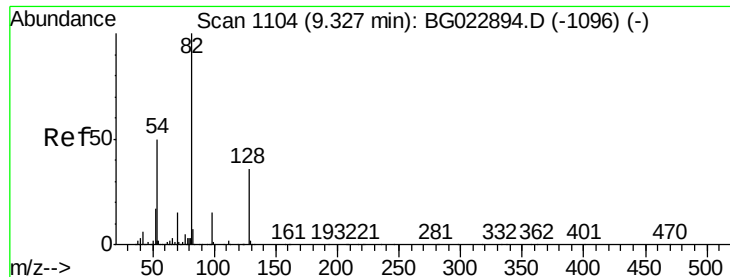
136 100

137 10.2 9.6 14.4

54 9.5 7.3 10.9

68 5.7 5.3 7.9

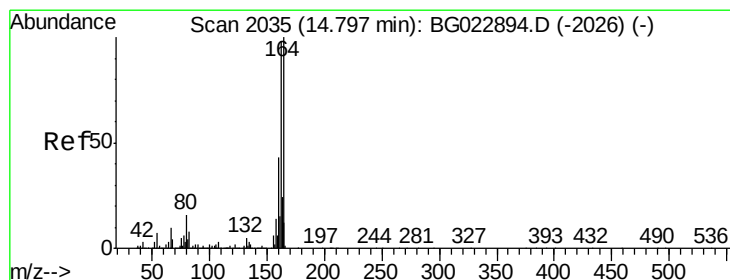
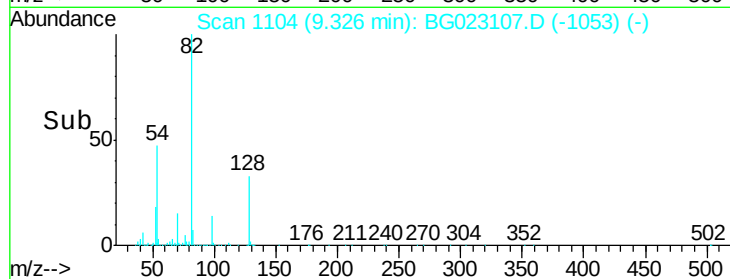
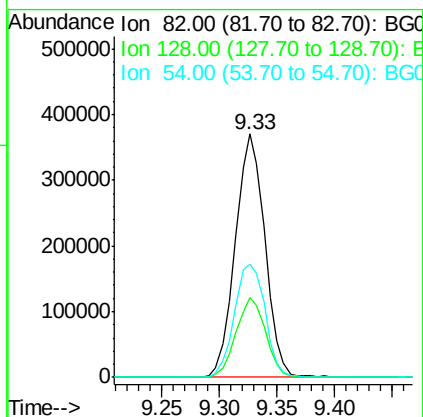
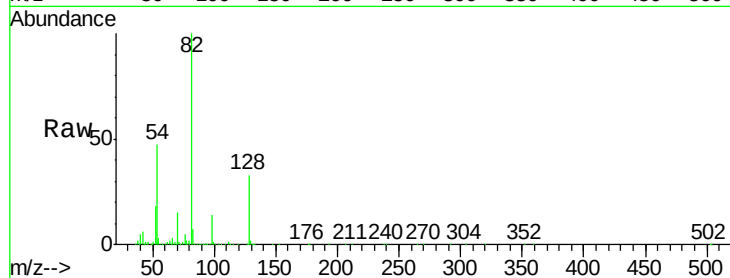




#23
 Nitrobenzene-d5
 Concen: 59.56 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023107.D
 Acq: 14 Jul 2016 18:54

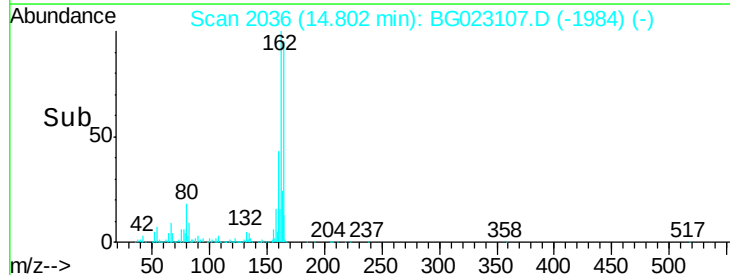
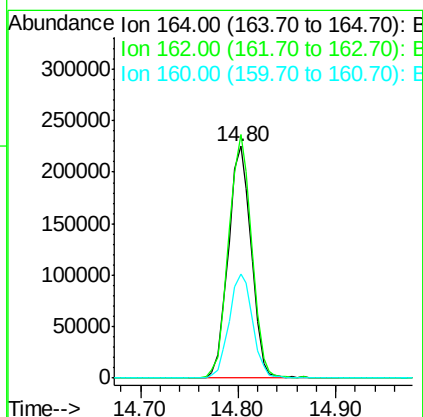
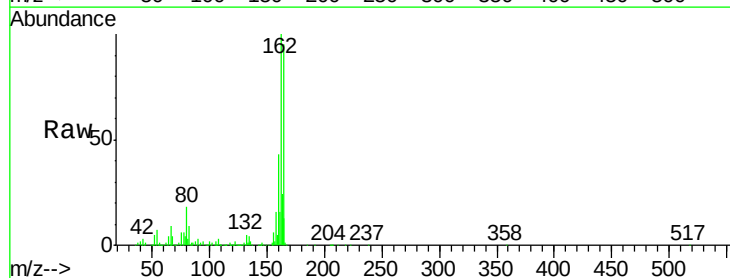
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-23A-9-11-DEEP

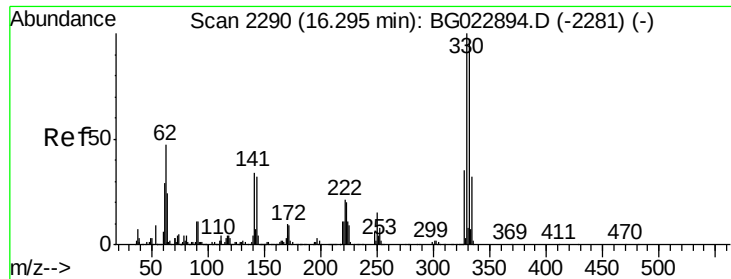
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.7	24.4	36.6
54	46.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG023107.D
 Acq: 14 Jul 2016 18:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	87.7	131.5
160	44.7	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 72.44 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023107.D

Acq: 14 Jul 2016 18:54

Instrument :

BNA_G

ClientSampleId :

LOCATION-23A-9-11-DEEP

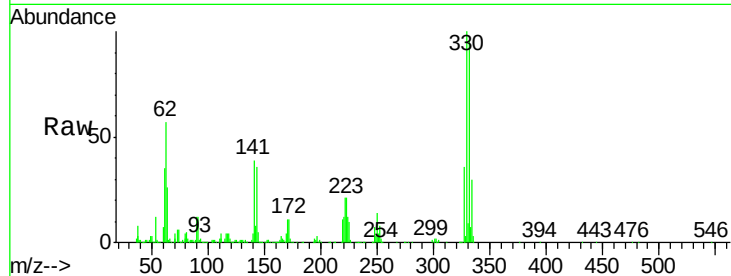
Tgt Ion:330 Resp: 477841

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

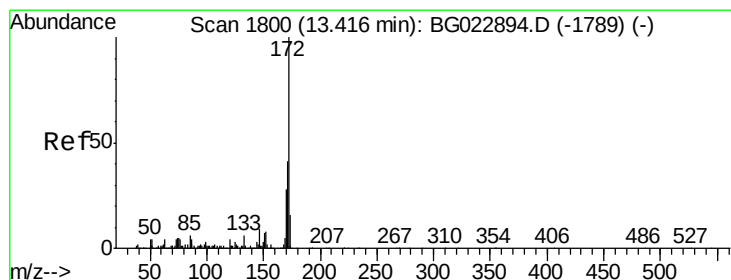
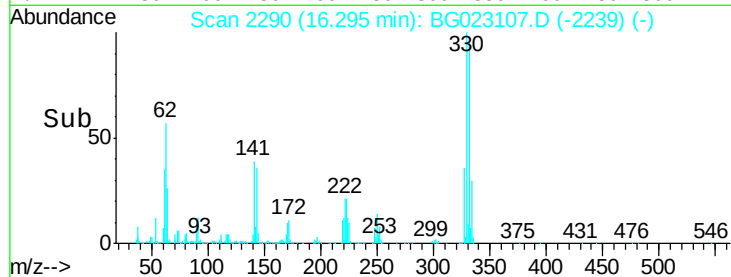
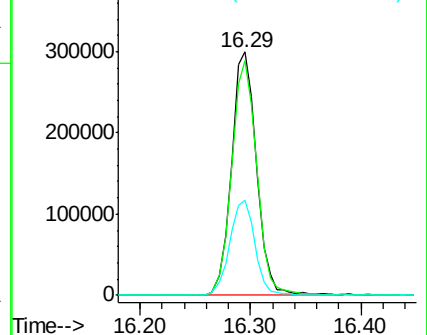
141 39.7 31.7 47.5



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: 57.40 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BG023107.D

Acq: 14 Jul 2016 18:54

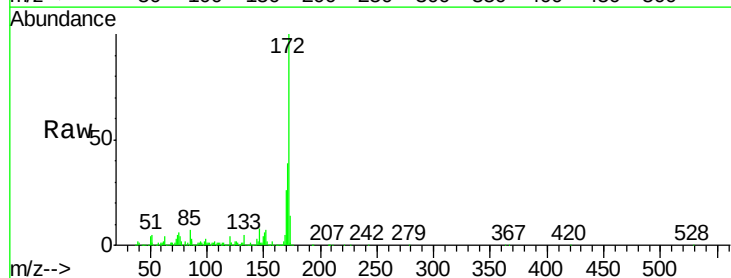
Tgt Ion:172 Resp: 1337463

Ion Ratio Lower Upper

172 100

171 39.3 31.6 47.4

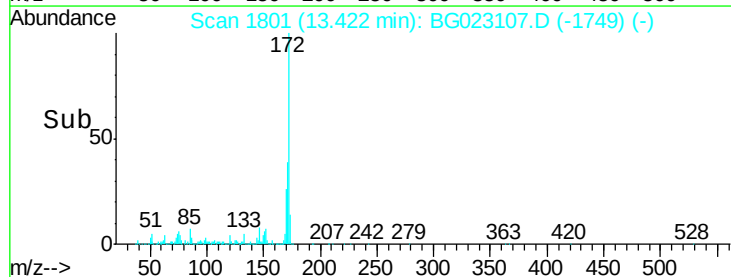
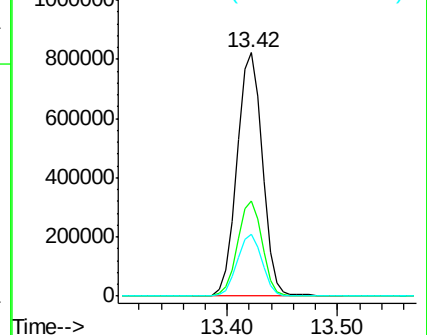
170 25.6 21.3 31.9

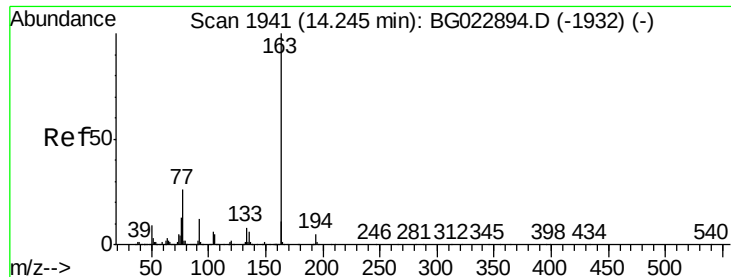


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.82 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023107.D

Acq: 14 Jul 2016 18:54

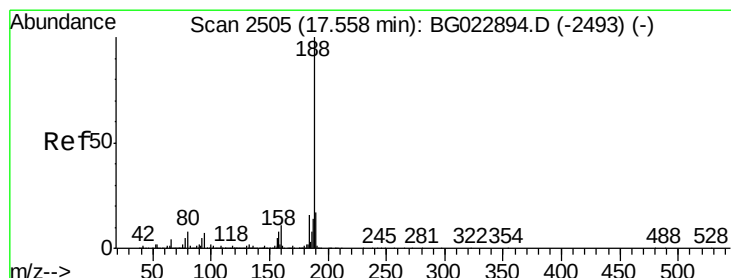
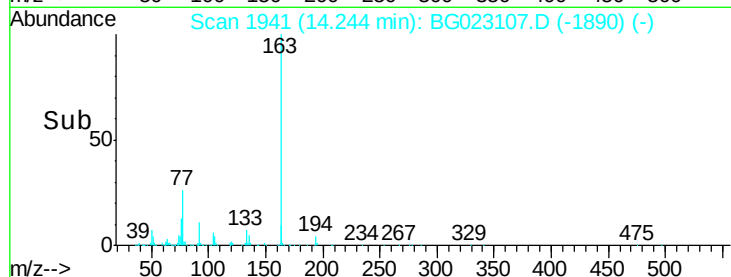
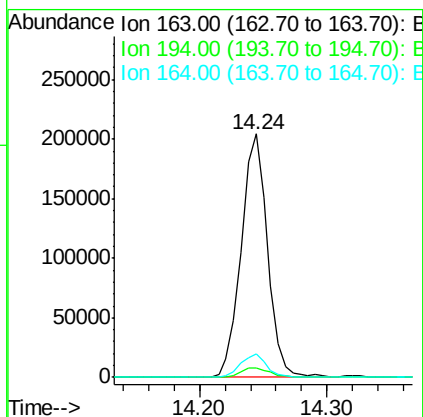
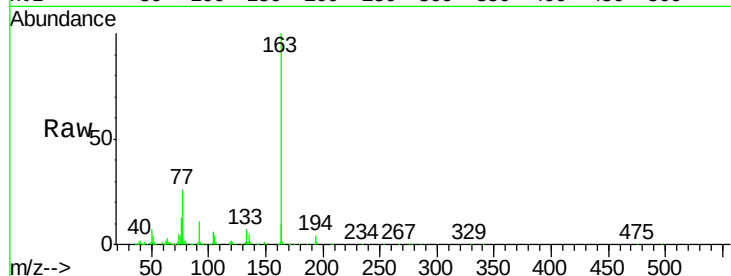
Instrument :

BNA_G

ClientSampleId :

LOCATION-23A-9-11-DEEP

Tgt Ion:	163	Resp:	294269
Ion Ratio		Lower	Upper
163	100		
194	3.7	3.6	5.4
164	9.7	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

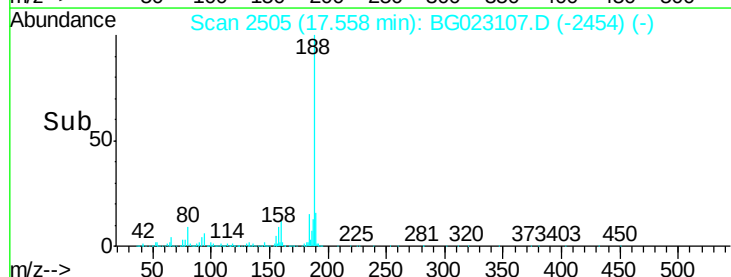
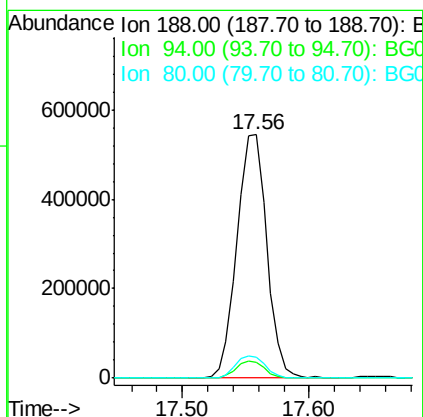
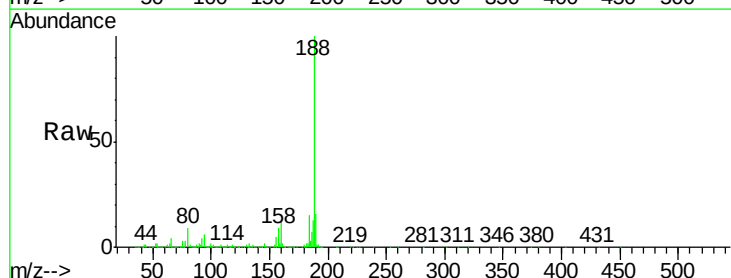
RT: 17.56 min Scan# 2505

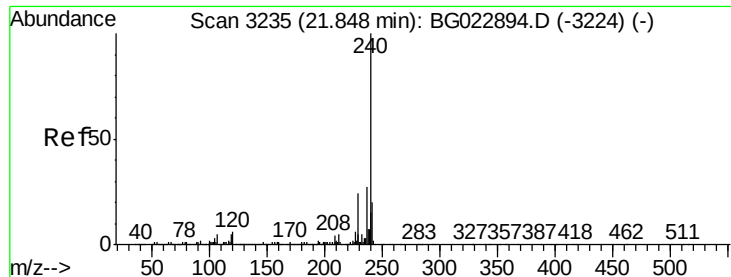
Delta R.T. -0.00 min

Lab File: BG023107.D

Acq: 14 Jul 2016 18:54

Tgt Ion:	188	Resp:	885688
Ion Ratio		Lower	Upper
188	100		
94	6.4	5.2	7.8
80	8.8	7.2	10.8

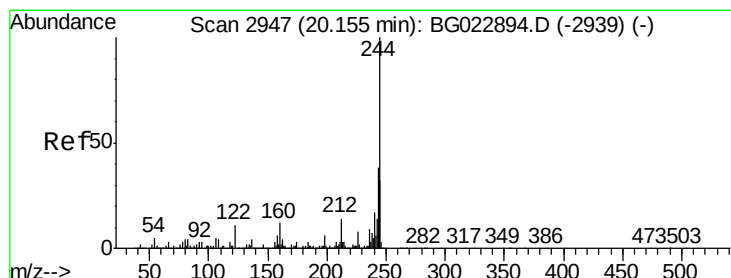
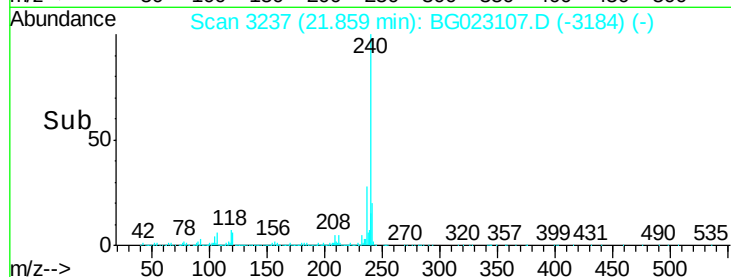
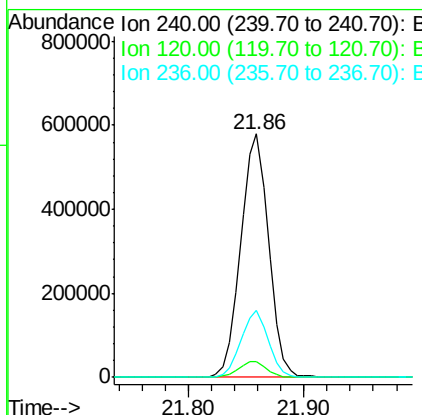
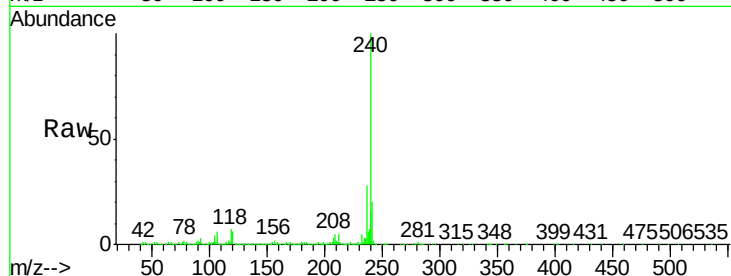




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3237
 Delta R.T. 0.01 min
 Lab File: BG023107.D
 Acq: 14 Jul 2016 18:54

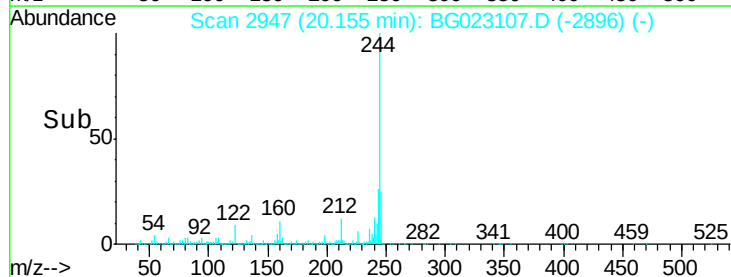
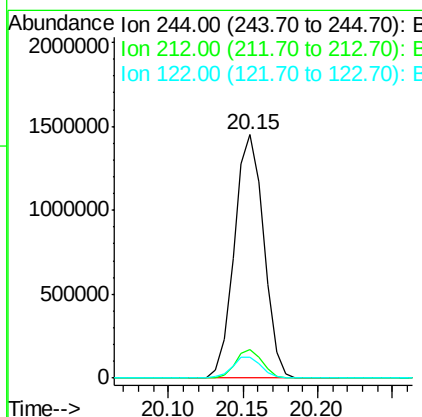
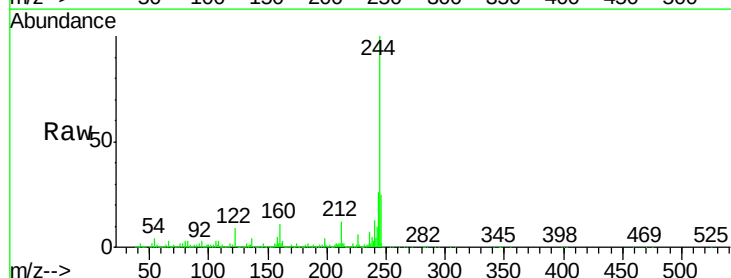
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 BNA_G
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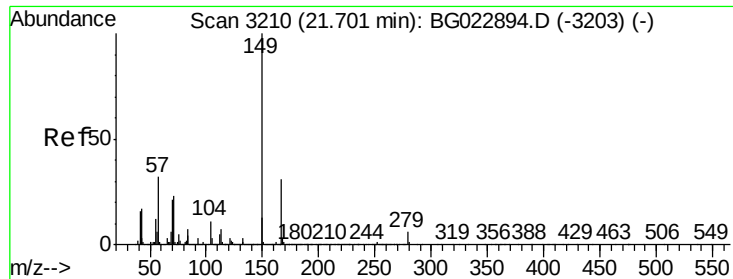
Tgt Ion:240 Resp: 969342
 Ion Ratio Lower Upper
 240 100
 120 6.2 4.1 6.1#
 236 27.6 21.1 31.7



#78
 Terphenyl-d14
 Concen: 57.47 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG023107.D
 Acq: 14 Jul 2016 18:54

Tgt Ion:244 Resp: 1994493
 Ion Ratio Lower Upper
 244 100
 212 11.5 10.8 16.2
 122 8.7 8.0 12.0

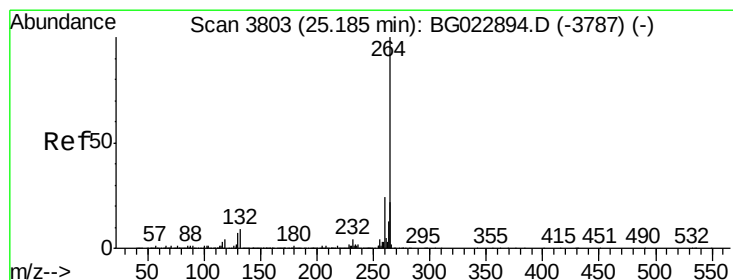
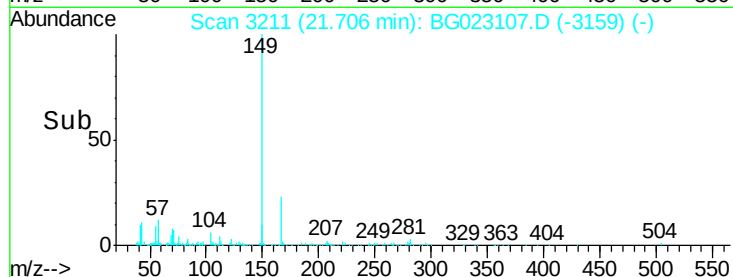
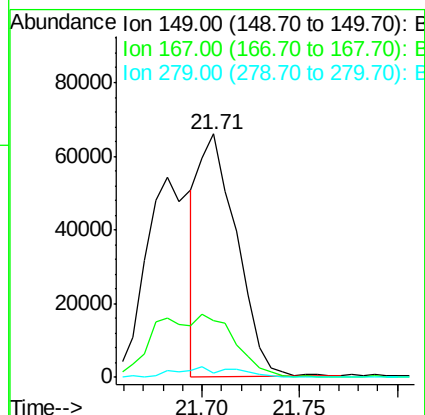
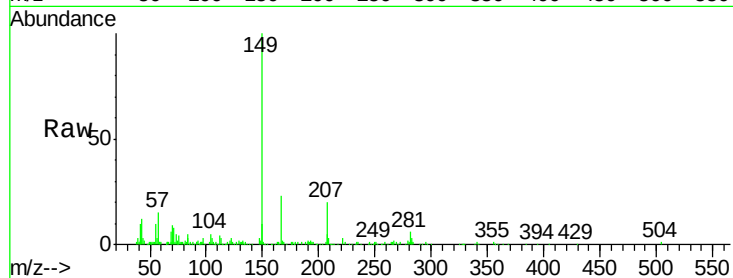




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.93 ng
 RT: 21.71 min Scan# 3211
 Delta R.T. 0.01 min
 Lab File: BG023107.D
 Acq: 14 Jul 2016 18:54

Instrument :
 BNA_G
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 LOCATION-23A-9-11-DEEP

Tgt Ion:149 Resp: 87777
 Ion Ratio Lower Upper
 149 100
 167 23.1 24.0 36.0#
 279 1.9 4.8 7.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3812
 Delta R.T. 0.05 min
 Lab File: BG023107.D
 Acq: 14 Jul 2016 18:54

Tgt Ion:264 Resp: 986257
 Ion Ratio Lower Upper
 264 100
 260 28.4 18.4 27.6#
 265 22.5 18.9 28.3

