

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022884.D
 Acq On : 6 Jul 2016 20:05
 Operator : UM/SJ
 Sample : H3887-01 50X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9941

Quant Time: Jul 07 02:31:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

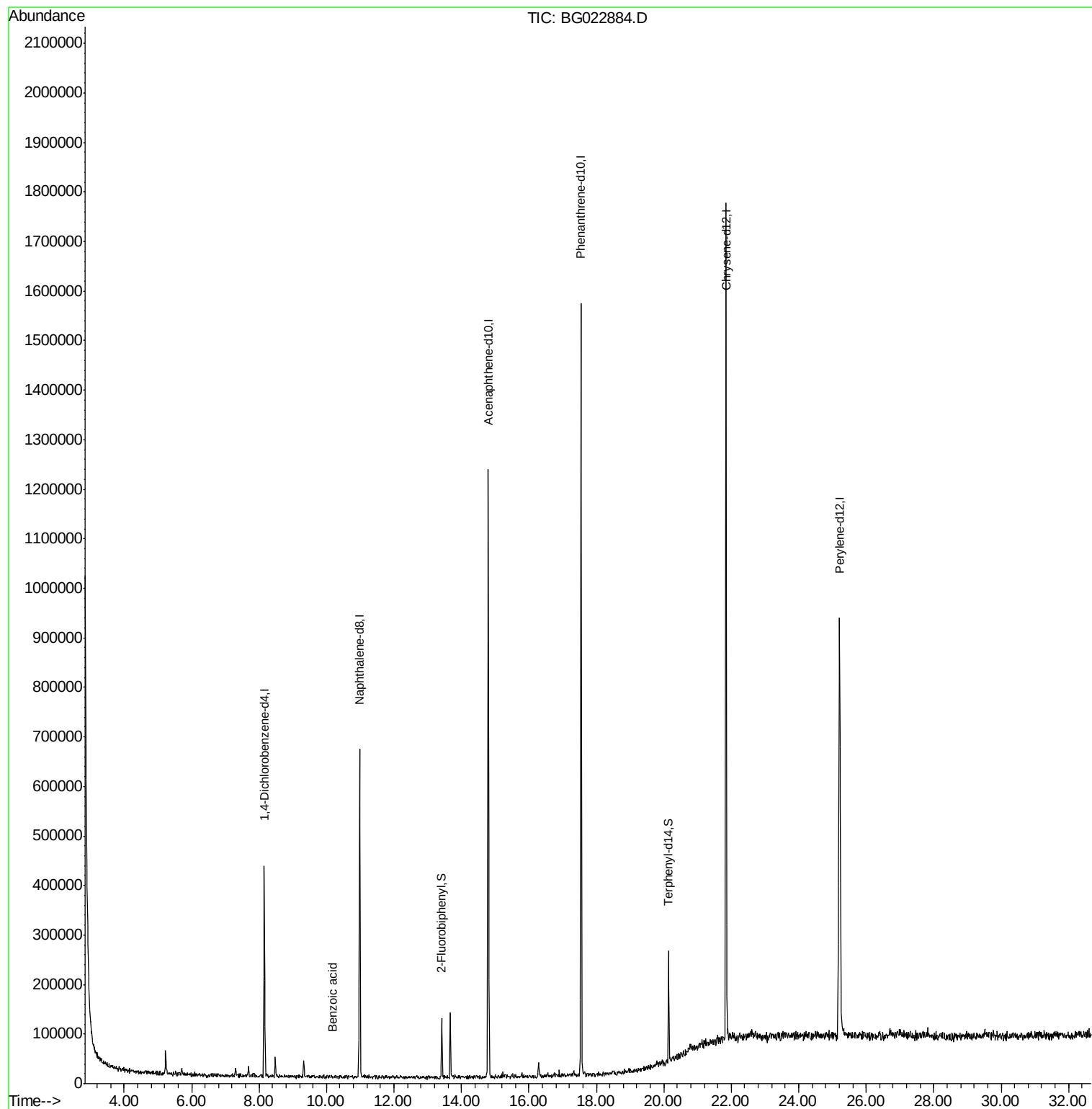
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	121109	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	543286	20.00	ng	-0.01
38) Acenaphthene-d10	14.79	164	412277	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	961579	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1084314	20.00	ng	0.00
86) Perylene-d12	25.21	264	1070398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	7901	1.05	ng	0.00
7) Phenol-d6	7.31	99	11400	1.07	ng	0.00
23) Nitrobenzene-d5	9.32	82	23607	1.84	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	6940	1.07	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	61478	2.36	ng	0.00
78) Terphenyl-d14	20.15	244	95342	2.33	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	80	5.12	ng	Qvalue # 1

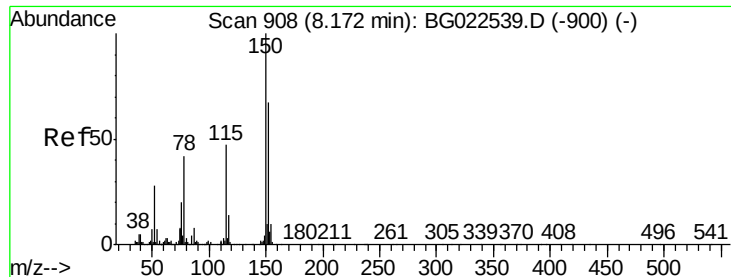
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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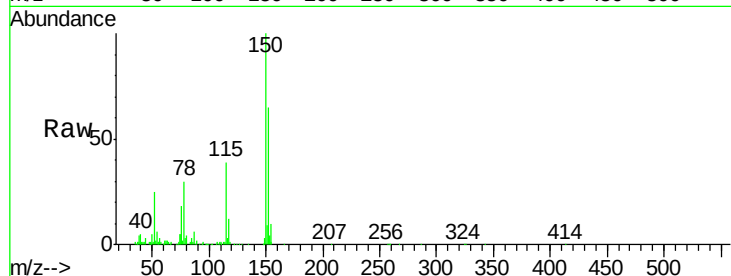


#1

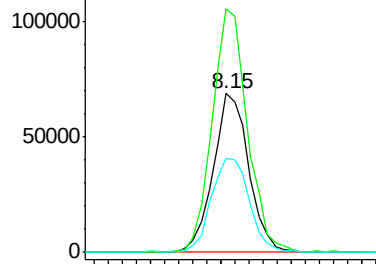
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG022884.D
Acq: 6 Jul 2016 20:05

Instrument :
BNA_G
ClientSampleId :
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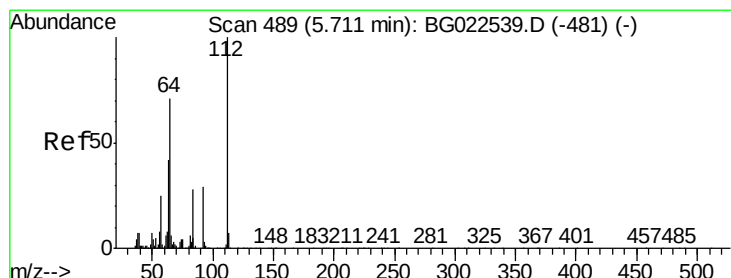
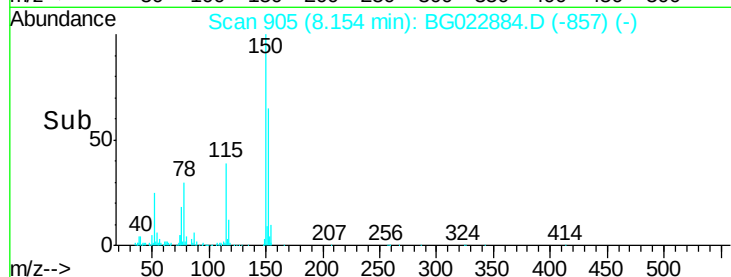
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.1	144.7	217.1
115	59.4	64.0	96.0



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



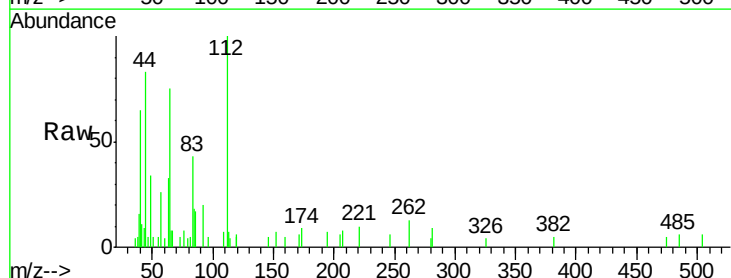
Time-->



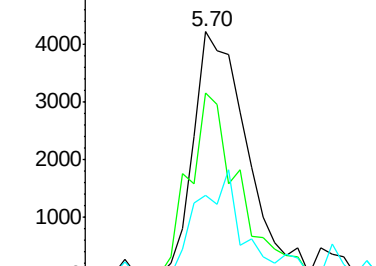
#5

2-Fluorophenol
Concen: 1.05 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG022884.D
Acq: 6 Jul 2016 20:05

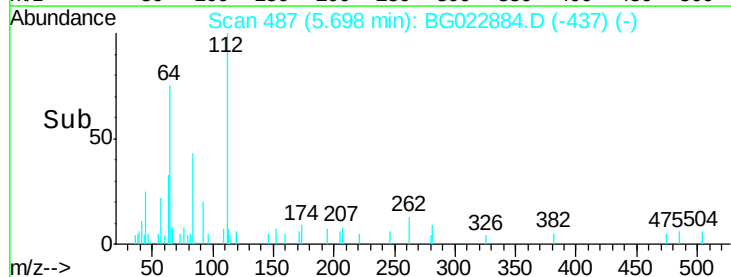
Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.7	59.0	88.4
63	32.6	37.8	56.8

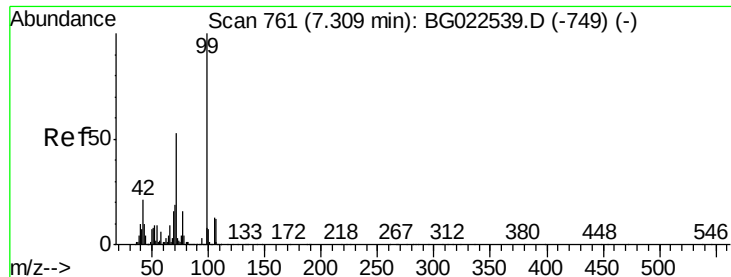


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 1.07 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022884.D

Acq: 6 Jul 2016 20:05

Instrument :

BNA_G

ClientSampleId :

LAR9941

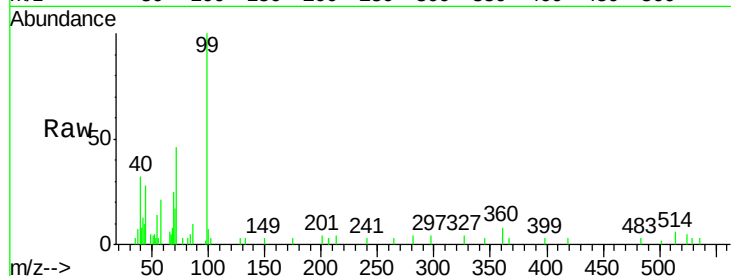
Tgt Ion: 99 Resp: 11400

Ion Ratio Lower Upper

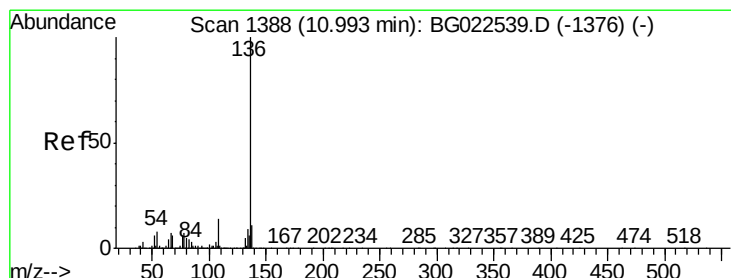
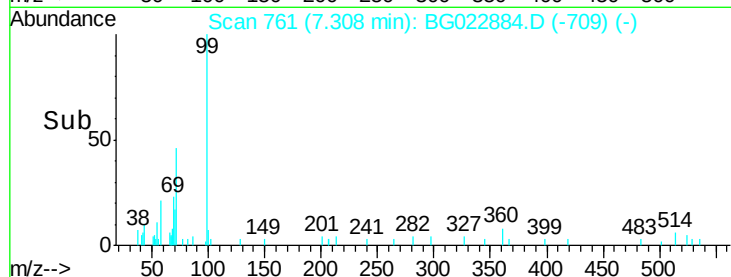
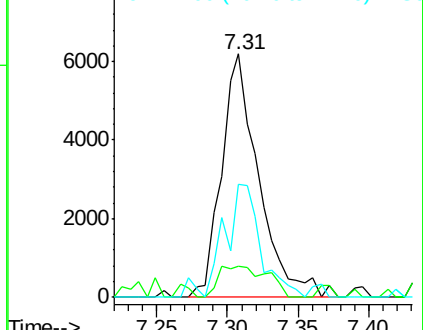
99 100

42 12.7 17.8 26.6#

71 46.4 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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022884.D

Acq: 6 Jul 2016 20:05

Tgt Ion: 136 Resp: 543286

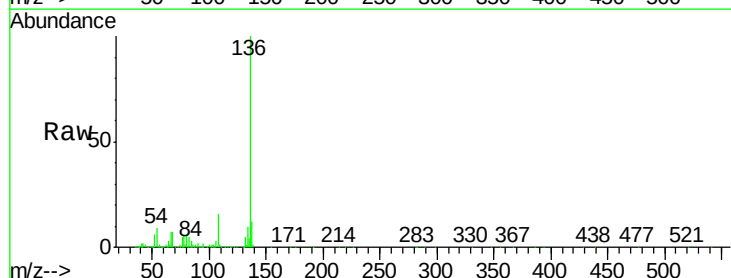
Ion Ratio Lower Upper

136 100

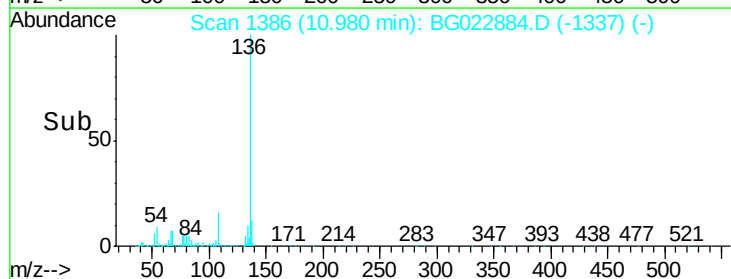
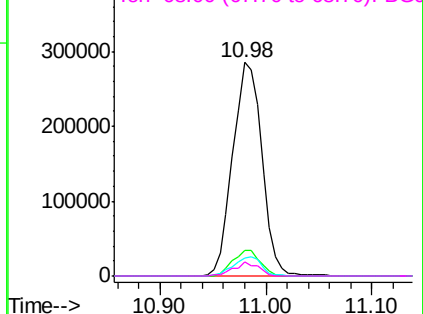
137 12.2 9.6 14.4

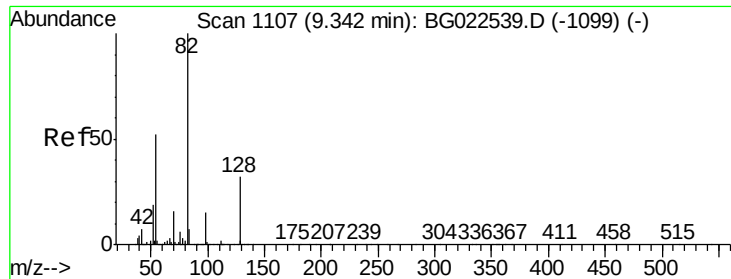
54 8.6 7.3 10.9

68 6.9 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

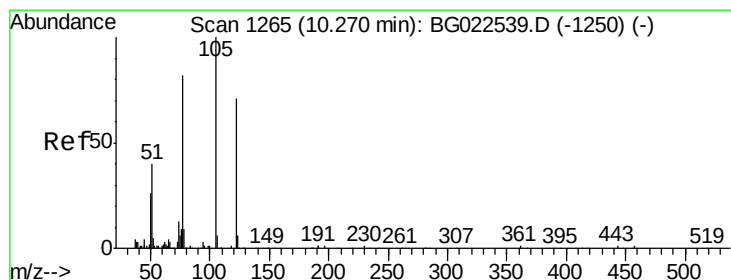
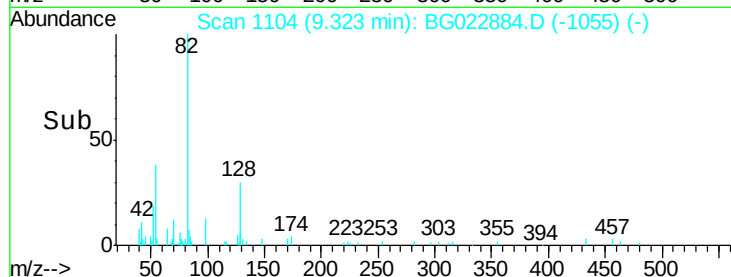
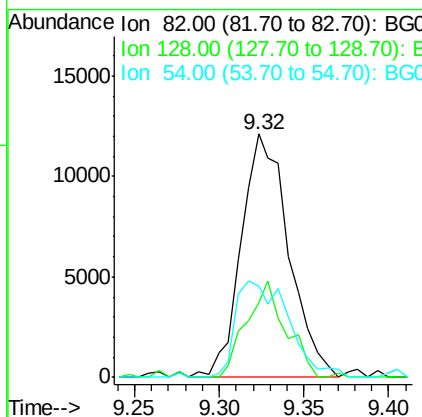
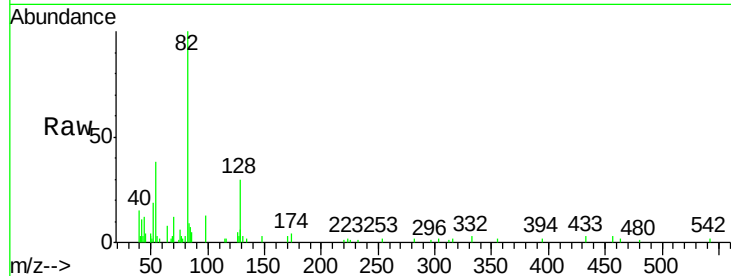




#23
Nitrobenzene-d5
Concen: 1.84 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG022884.D
Acq: 6 Jul 2016 20:05

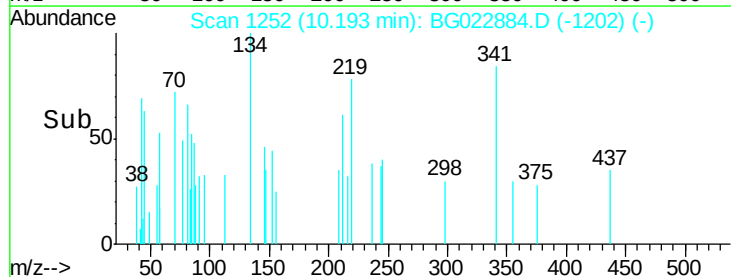
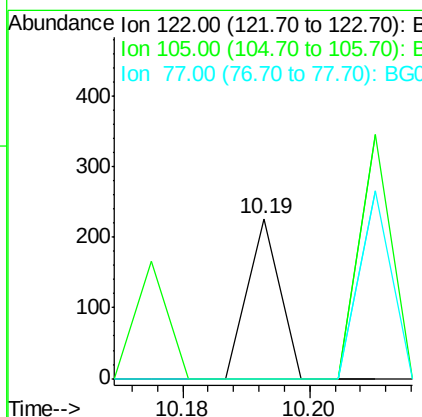
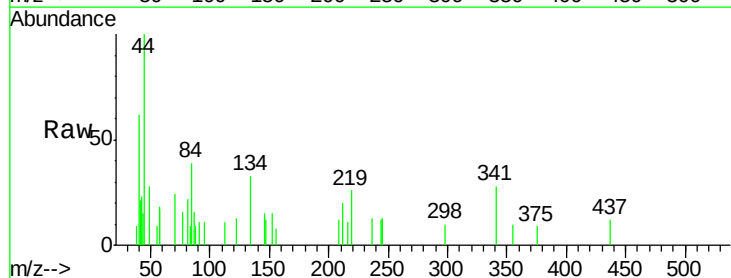
Instrument :
BNA_G
ClientSampleId :
LAR9941

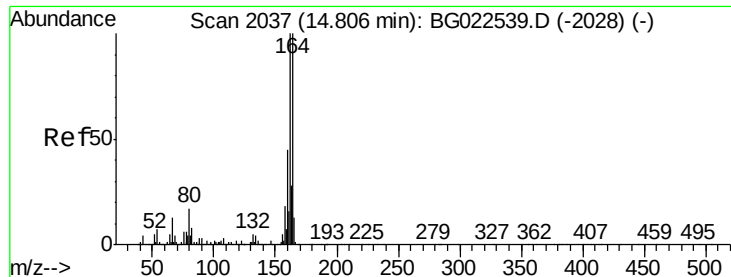
Tgt Ion: 82 Resp: 23607
Ion Ratio Lower Upper
82 100
128 30.5 24.4 36.6
54 37.7 41.4 62.0#



#32
Benzoic acid
Concen: 5.12 ng
RT: 10.19 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BG022884.D
Acq: 6 Jul 2016 20:05

Tgt Ion: 122 Resp: 80
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: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022884.D

Acq: 6 Jul 2016 20:05

Instrument :

BNA_G

ClientSampleId :

LAR9941

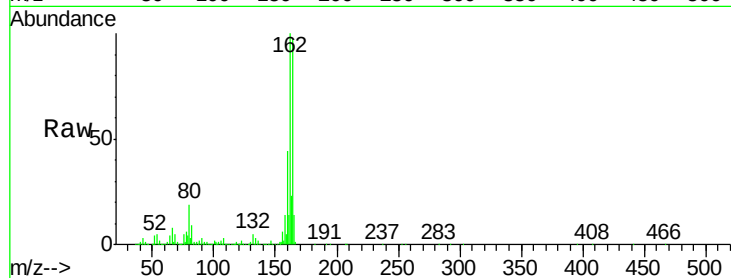
Tgt Ion:164 Resp: 412277

Ion Ratio Lower Upper

164 100

162 103.5 87.7 131.5

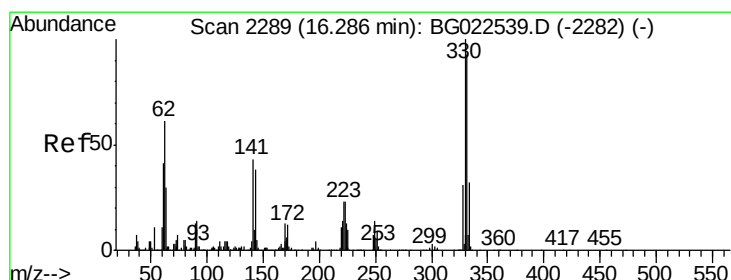
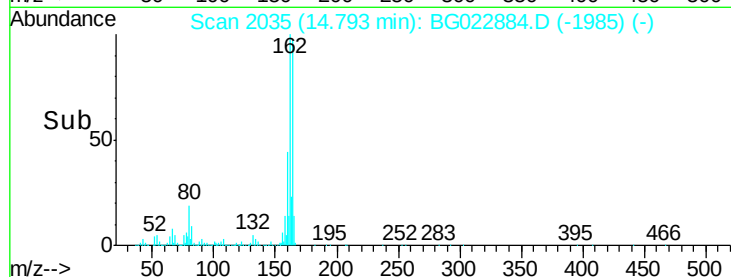
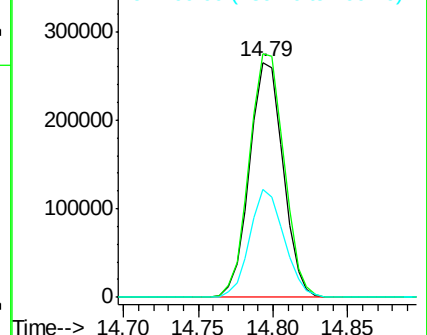
160 45.7 37.2 55.8



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: 1.07 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BG022884.D

Acq: 6 Jul 2016 20:05

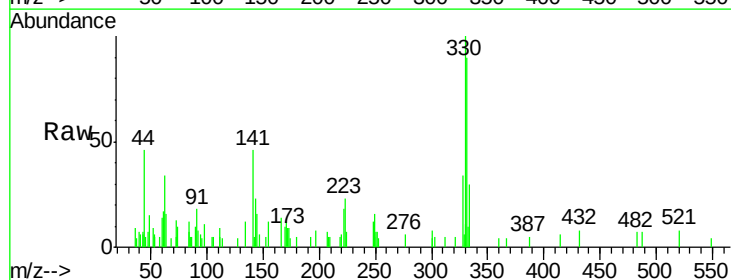
Tgt Ion:330 Resp: 6940

Ion Ratio Lower Upper

330 100

332 93.2 77.4 116.2

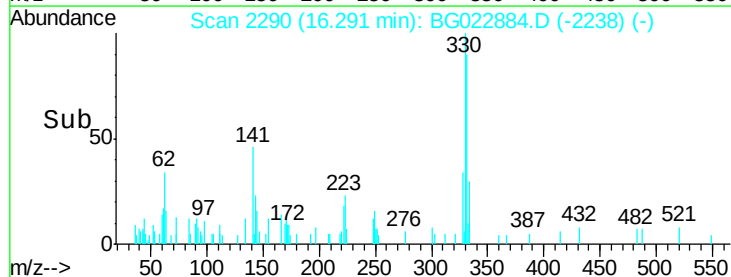
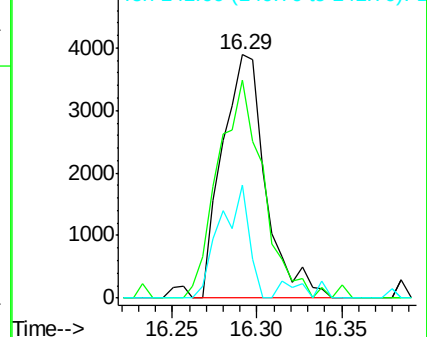
141 30.9 31.7 47.5#

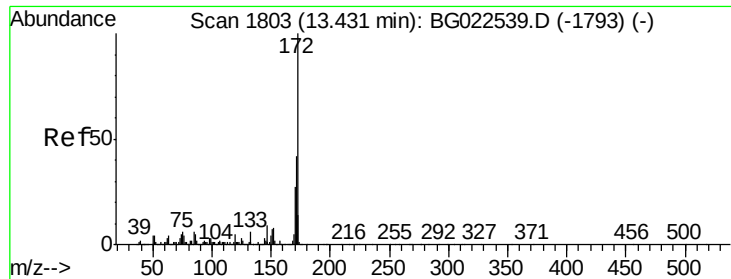


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

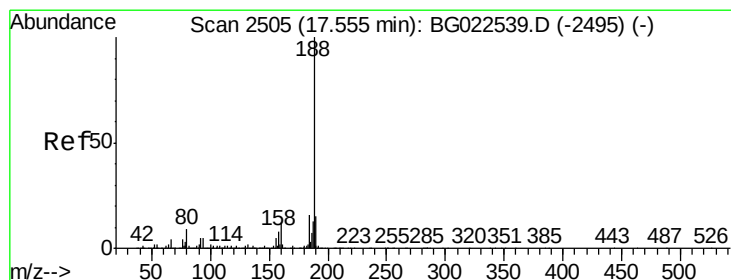
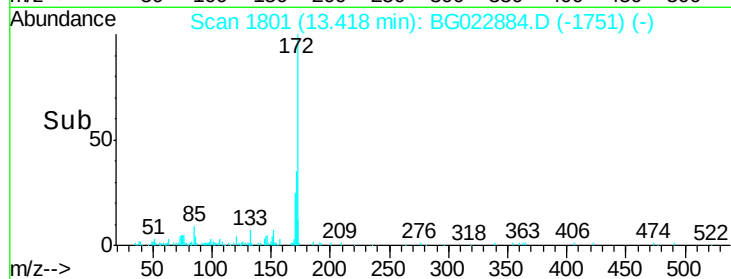
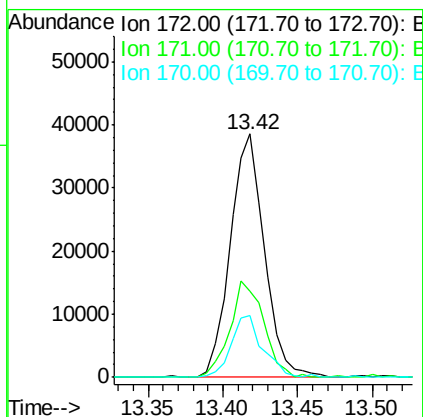
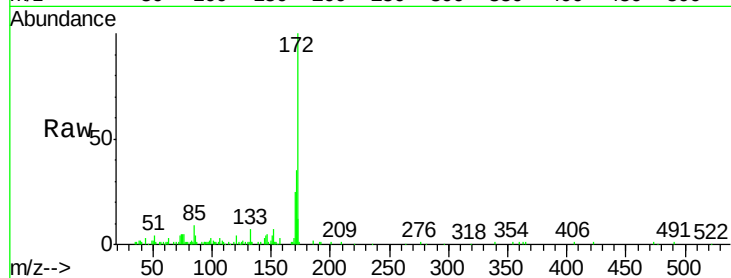




#44
2-Fluorobiphenyl
Concen: 2.36 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022884.D
Acq: 6 Jul 2016 20:05

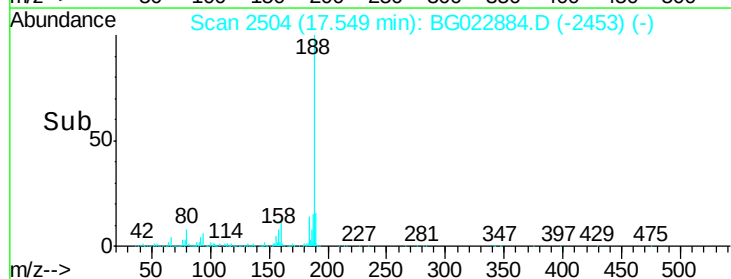
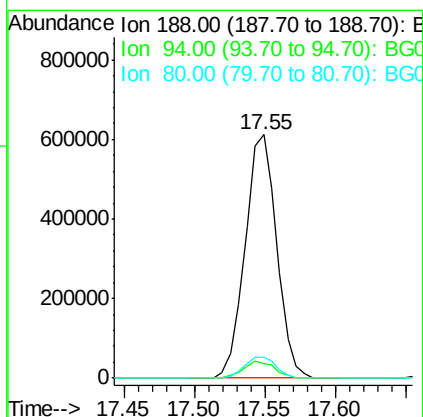
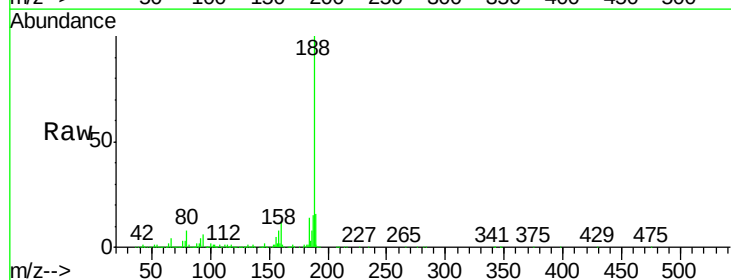
Instrument :
BNA_G
ClientSampled :
LAR9941

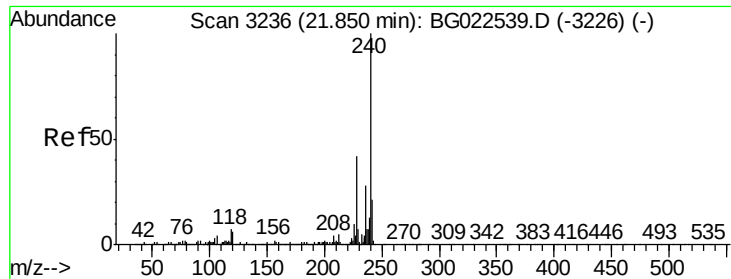
Tgt Ion:172 Resp: 61478
Ion Ratio Lower Upper
172 100
171 35.4 31.6 47.4
170 25.3 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022884.D
Acq: 6 Jul 2016 20:05

Tgt Ion:188 Resp: 961579
Ion Ratio Lower Upper
188 100
94 6.0 5.2 7.8
80 8.4 7.2 10.8

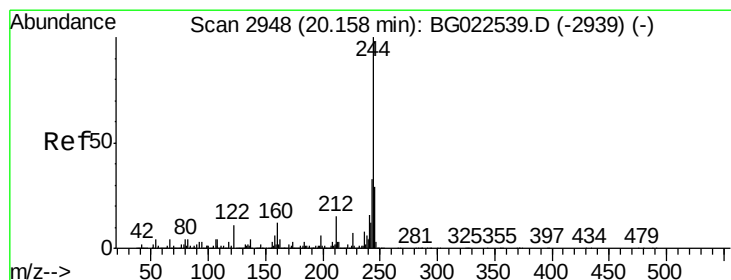
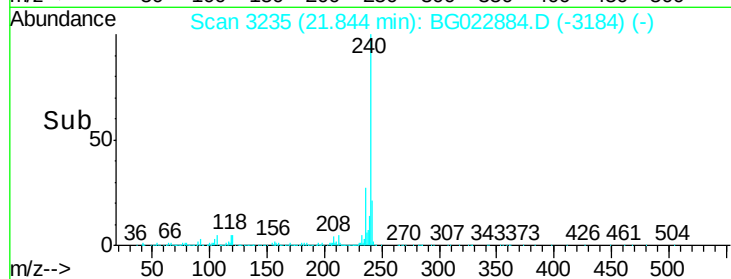
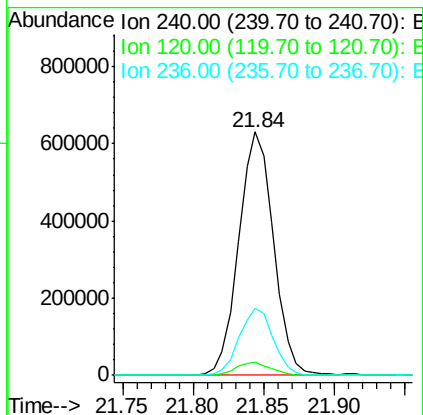
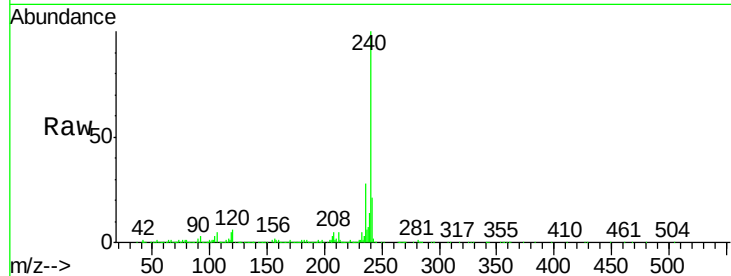




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG022884.D
 Acq: 6 Jul 2016 20:05

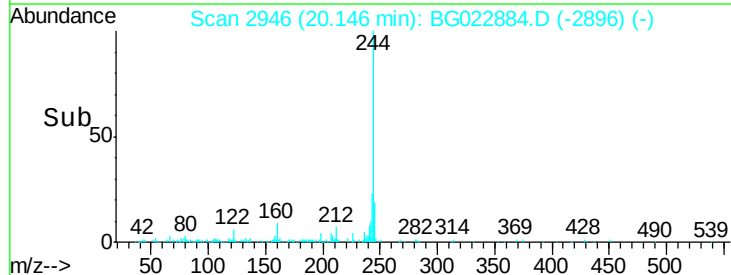
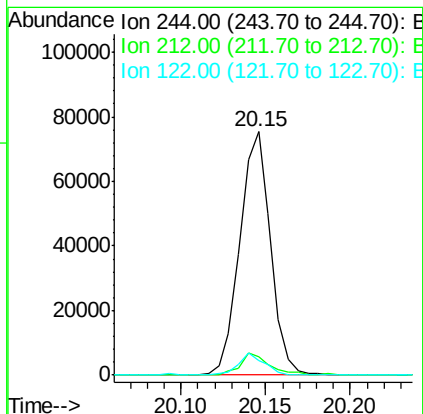
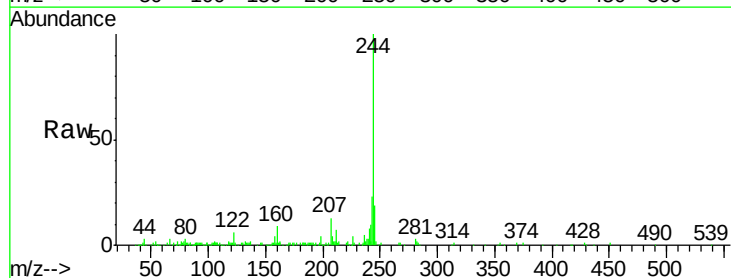
Instrument :
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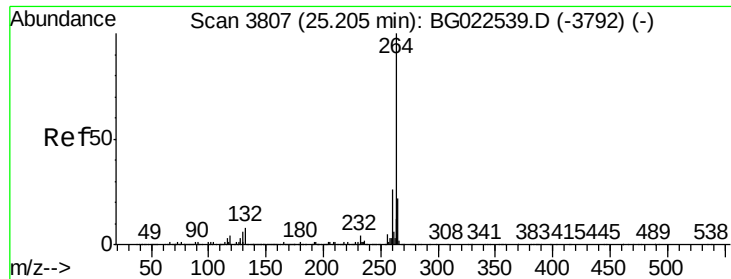
Tgt Ion:240 Resp: 1084314
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.1 6.1
 236 27.5 21.1 31.7



#78
 Terphenyl-d14
 Concen: 2.33 ng
 RT: 20.15 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BG022884.D
 Acq: 6 Jul 2016 20:05

Tgt Ion:244 Resp: 95342
 Ion Ratio Lower Upper
 244 100
 212 7.4 10.8 16.2#
 122 5.8 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.00 min
Lab File: BG022884.D
Acq: 6 Jul 2016 20:05

Instrument :
BNA_G
ClientSampleId :
LAR9941

Tgt Ion: 264 Resp: 1070398

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.4	27.6
265	22.8	18.9	28.3

