

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022904.D
 Acq On : 7 Jul 2016 20:42
 Operator : UM/SJ
 Sample : H3840-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Quant Time: Jul 08 04:28:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

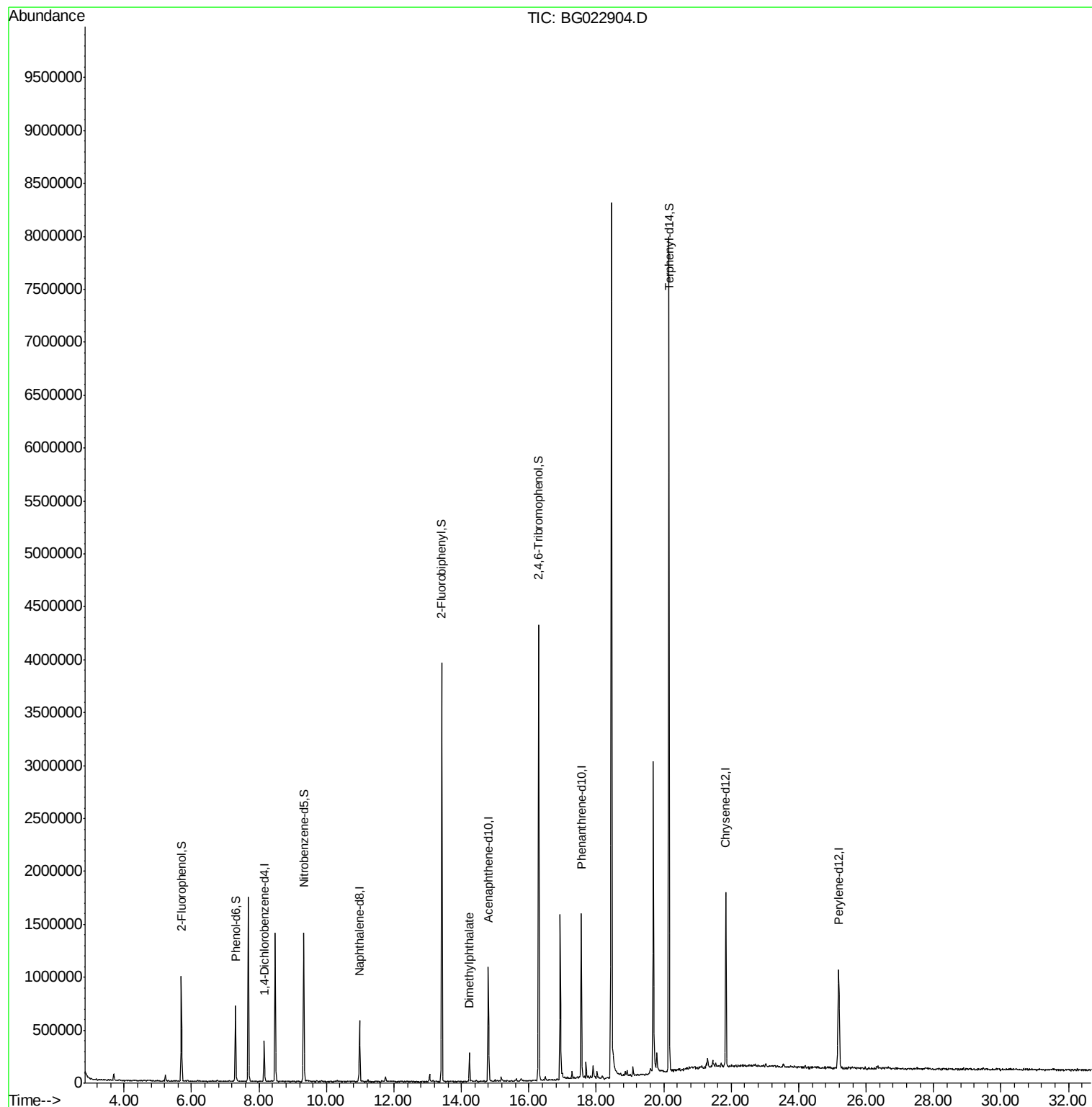
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	99089	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	436037	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	358538	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	904897	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1022545	20.00	ng	0.00
86) Perylene-d12	25.19	264	1063918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	399911	66.01	ng	0.00
7) Phenol-d6	7.30	99	388597	40.95	ng	0.00
23) Nitrobenzene-d5	9.32	82	925314	90.87	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	813518	126.25	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1922669	84.47	ng	0.00
78) Terphenyl-d14	20.15	244	2918978	94.44	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	172159	5.88	ng	Qvalue 97

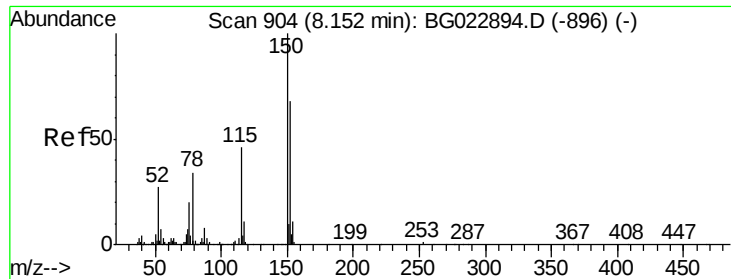
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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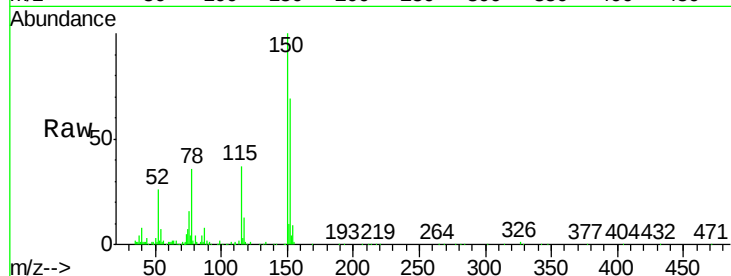


#1

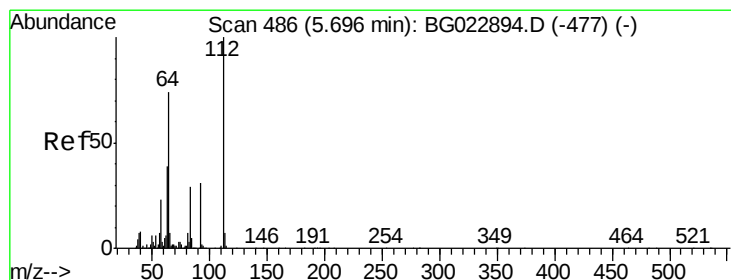
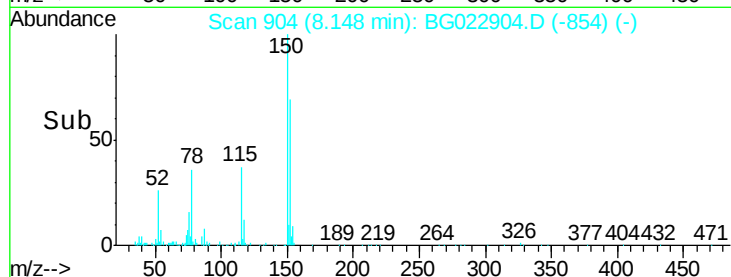
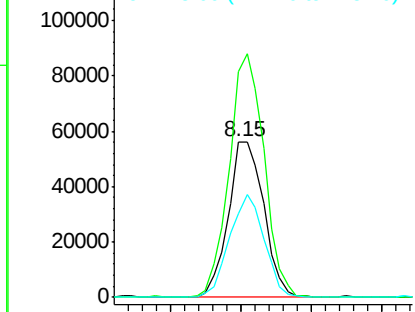
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Instrument :
BNA_G
ClientSampleId :
LIP-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	144.7	217.1
115	53.8	64.0	96.0



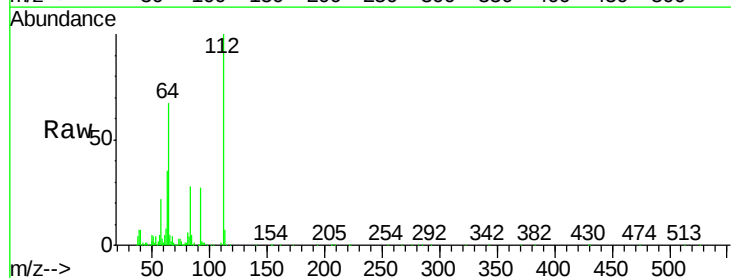
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



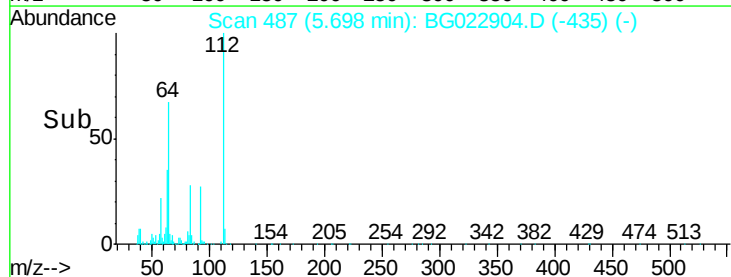
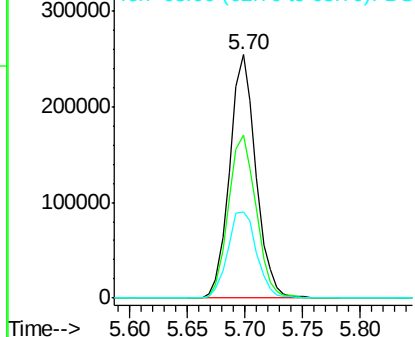
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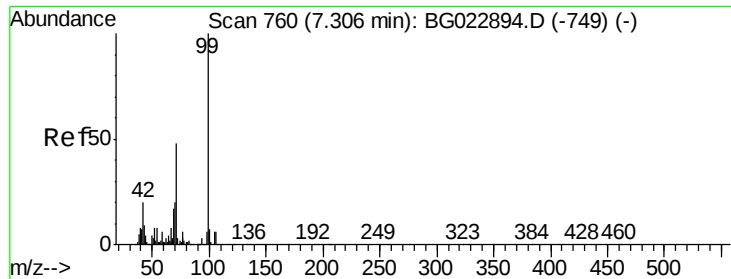
2-Fluorophenol
Concen: 66.01 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	59.0	88.4
63	35.2	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: 40.95 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

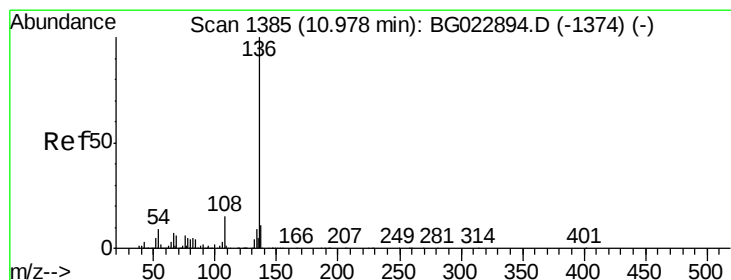
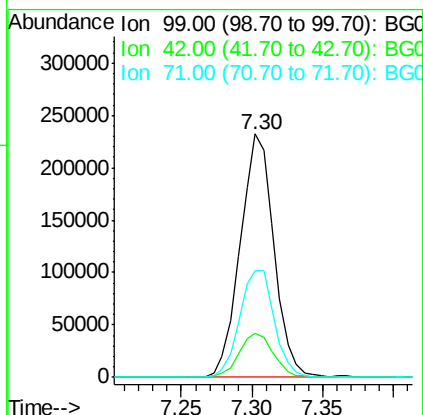
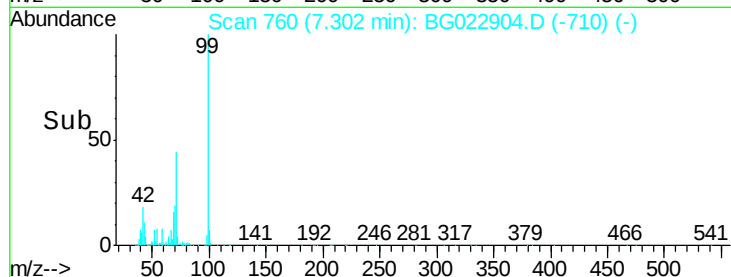
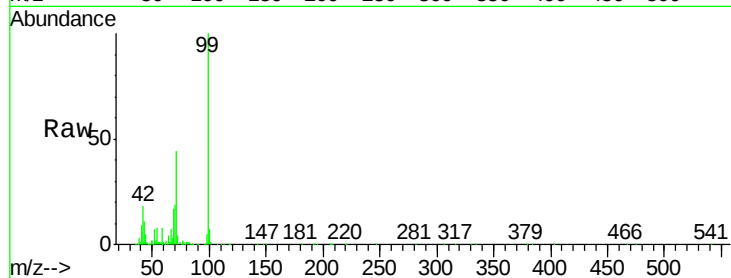
Tot Ion: 99 Resp: 388597

Ion	Ratio	Lower	Upper
99	100		
42	17.9	17.8	26.6
71	43.9	41.5	62.3

99 100

42 17.9 17.8 26.6

71 43.9 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Tgt Ion: 136 Resp: 436037

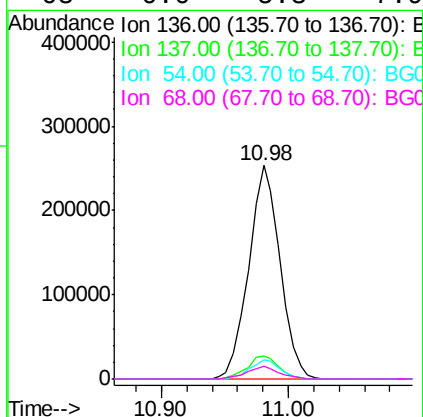
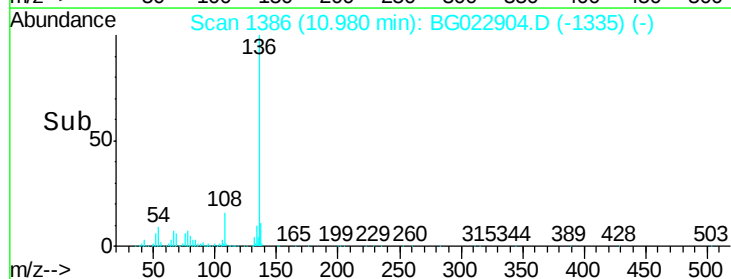
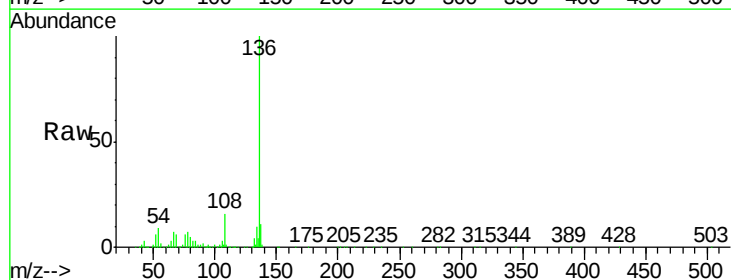
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.0	7.3	10.9
68	6.0	5.3	7.9

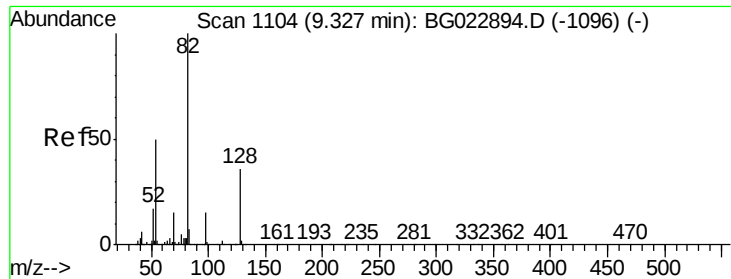
136 100

137 11.1 9.6 14.4

54 9.0 7.3 10.9

68 6.0 5.3 7.9

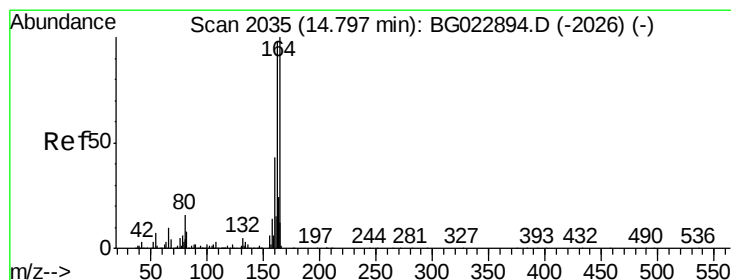
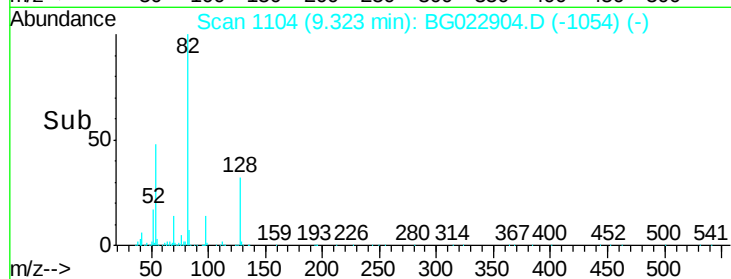
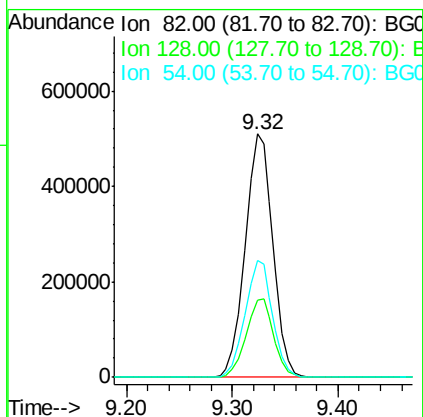
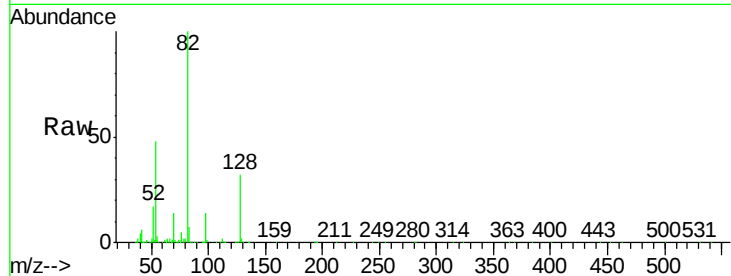




#23
Nitrobenzene-d5
Concen: 90.87 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

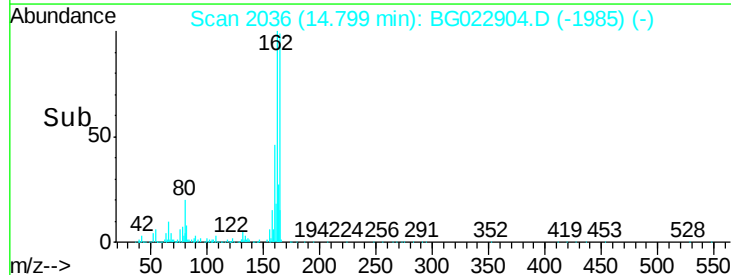
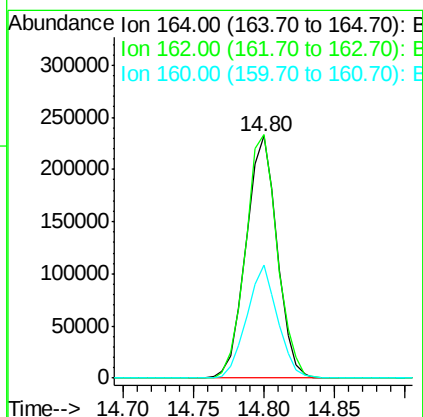
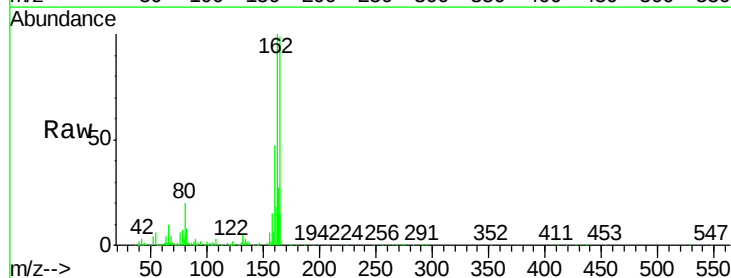
Instrument :
BNA_G
ClientSampleId :
LIP-16

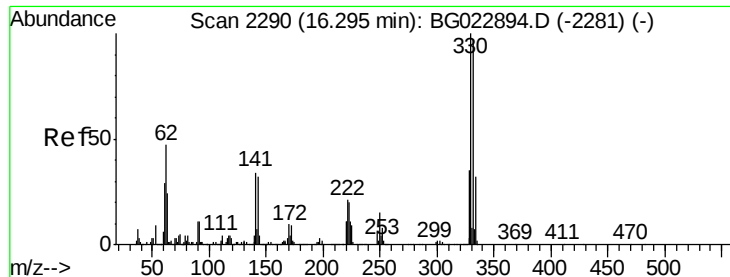
Tot Ion	82	Resp	925314
Ion Ratio	Lower	Upper	
82	100		
128	31.8	24.4	36.6
54	47.8	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion	164	Resp	358538
Ion Ratio	Lower	Upper	
164	100		
162	100.6	87.7	131.5
160	46.8	37.2	55.8

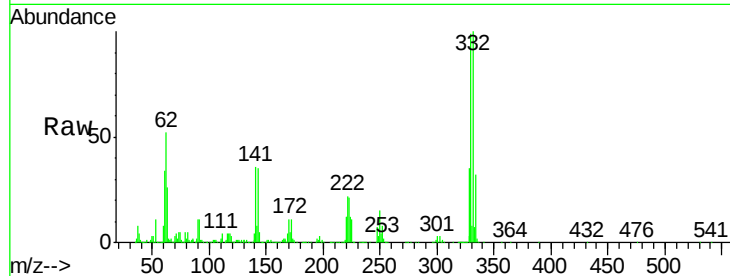




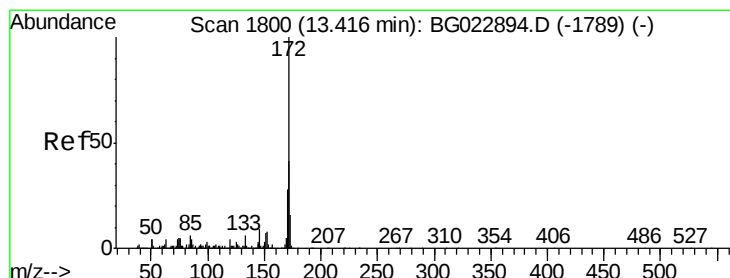
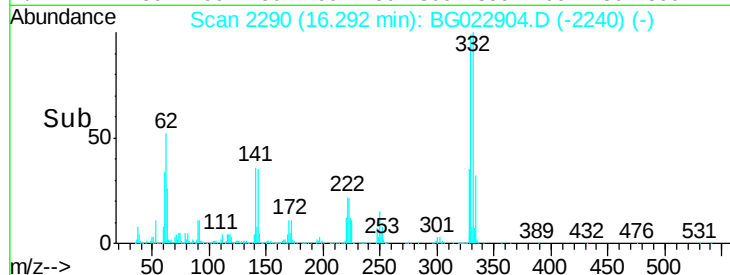
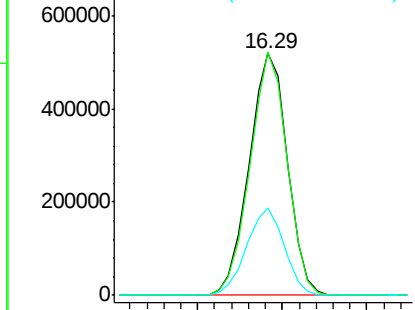
#41
 2,4,6-Tribromophenol
 Concen: 126.25 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Tot Ion:330 Resp: 813518
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 35.7 31.7 47.5

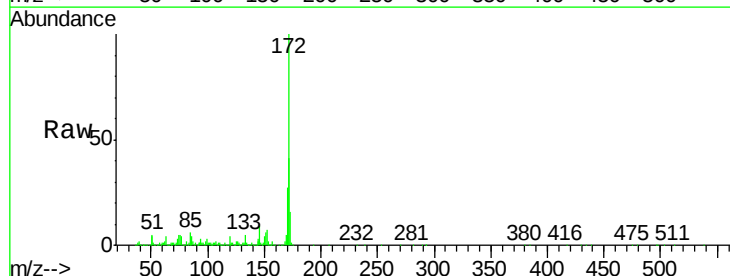


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

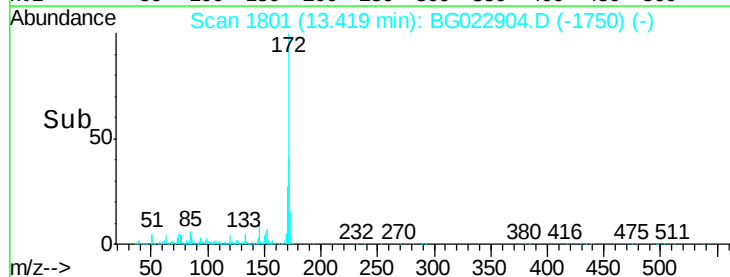
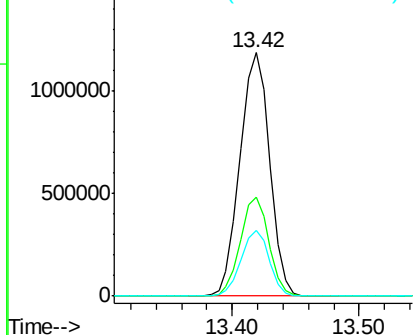


#44
 2-Fluorobiphenyl
 Concen: 84.47 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Tgt Ion:172 Resp: 1922669
 Ion Ratio Lower Upper
 172 100
 171 40.9 31.6 47.4
 170 26.9 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: 5.88 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

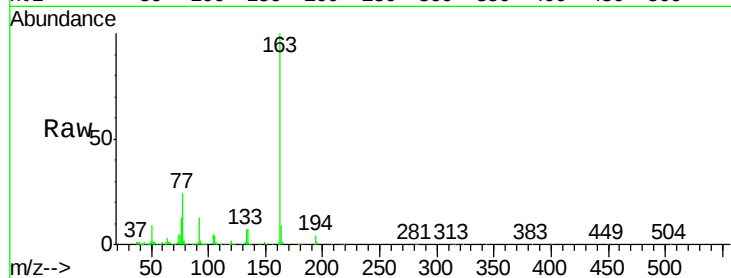
Tot Ion:163 Resp: 172159

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

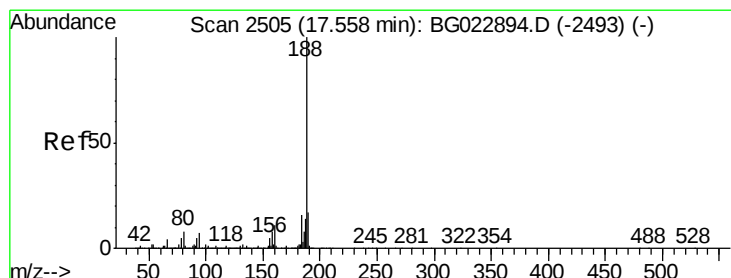
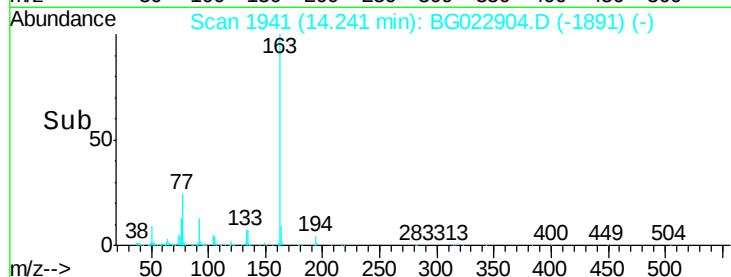
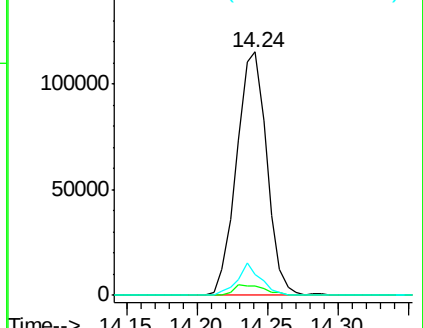
164 8.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

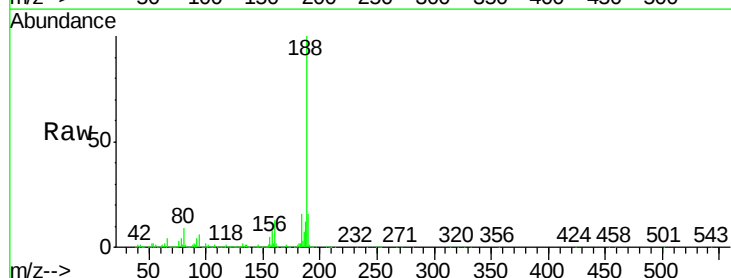
Tgt Ion:188 Resp: 904897

Ion Ratio Lower Upper

188 100

94 6.0 5.2 7.8

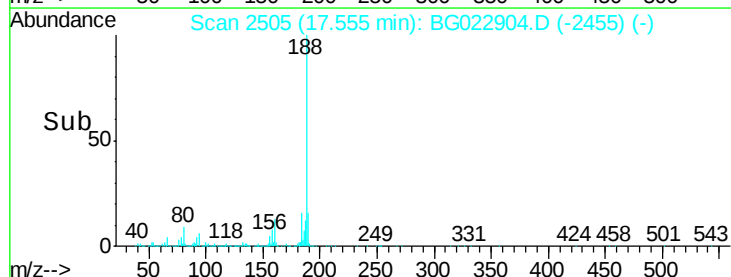
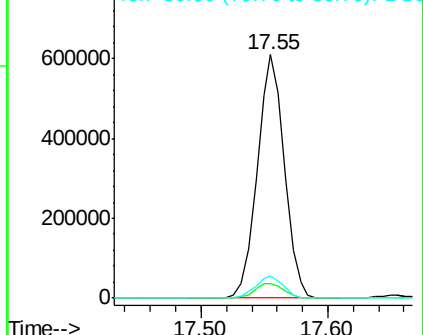
80 9.1 7.2 10.8

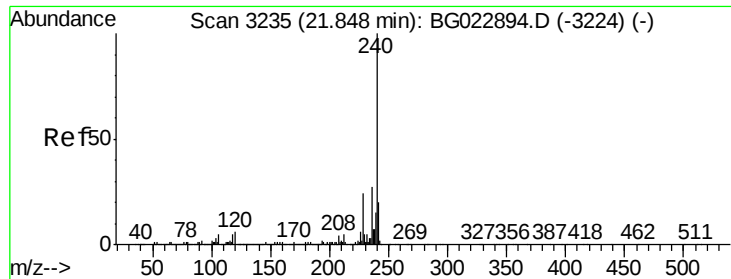


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

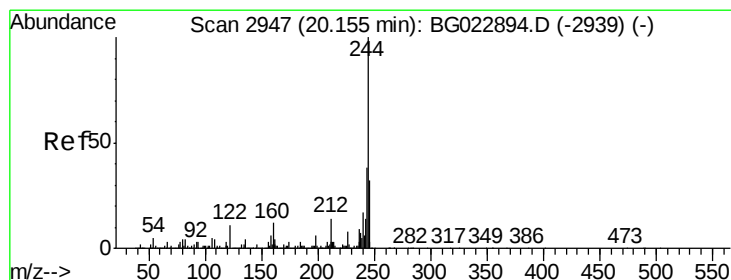
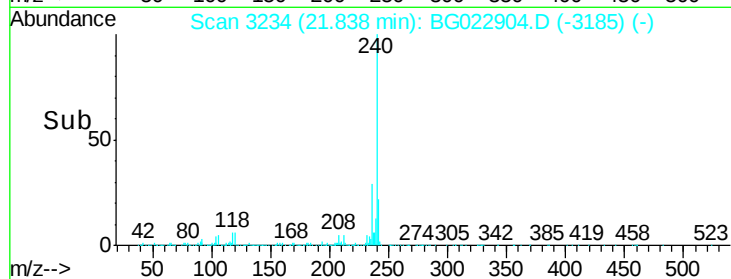
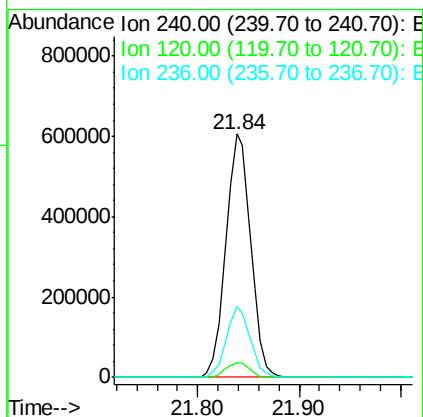
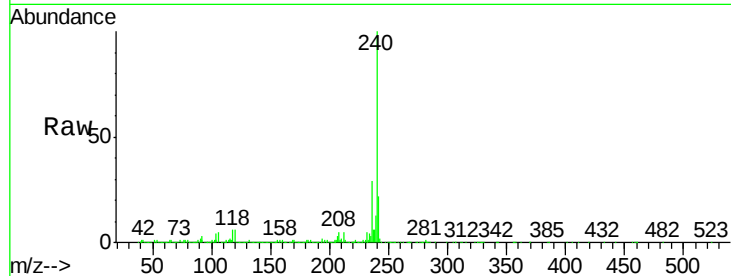




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

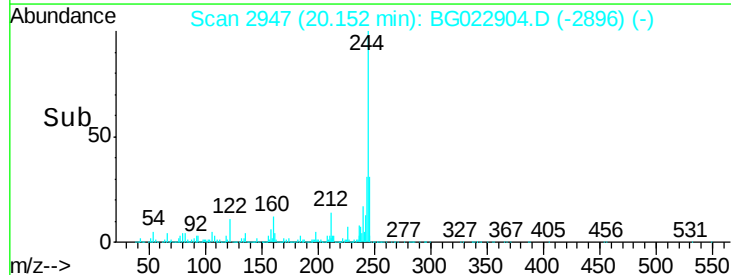
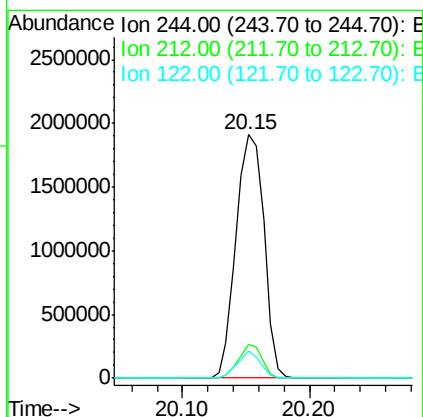
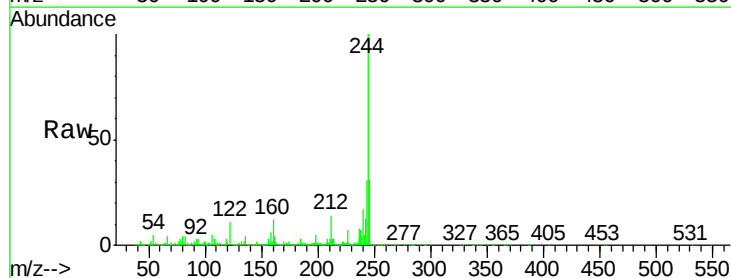
Instrument :
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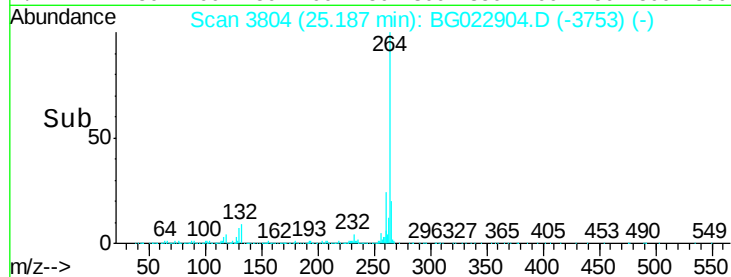
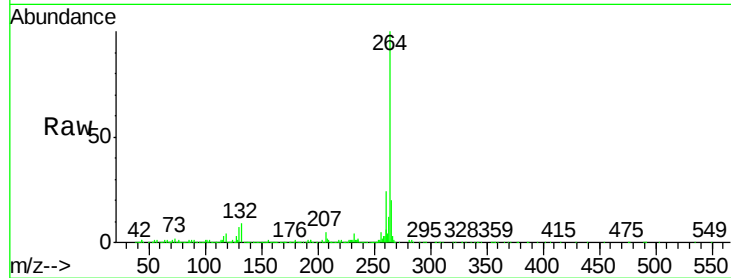
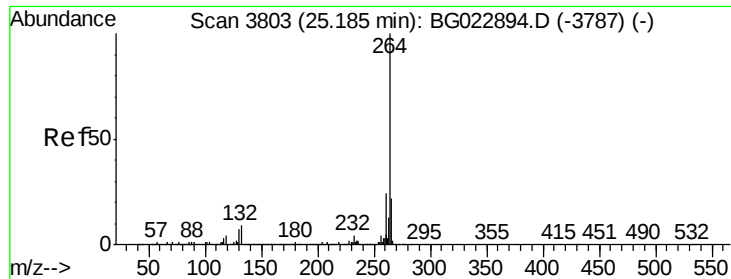
Tot Ion:240 Resp: 1022545
 Ion Ratio Lower Upper
 240 100
 120 6.2 4.1 6.1#
 236 29.0 21.1 31.7



#78
 Terphenyl-d14
 Concen: 94.44 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Tgt Ion:244 Resp: 2918978
 Ion Ratio Lower Upper
 244 100
 212 14.0 10.8 16.2
 122 11.2 8.0 12.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3804
Delta R.T. 0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Instrument :
BNA_G
ClientSampleId :
LIP-16

Tot Ion:264 Resp: 1063918

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	20.4	18.9	28.3

