

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022930.D
 Acq On : 8 Jul 2016 14:04
 Operator : UM/SJ
 Sample : H3876-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4-A-LOCATION-4-0-5FT

Quant Time: Jul 08 17:37:19 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

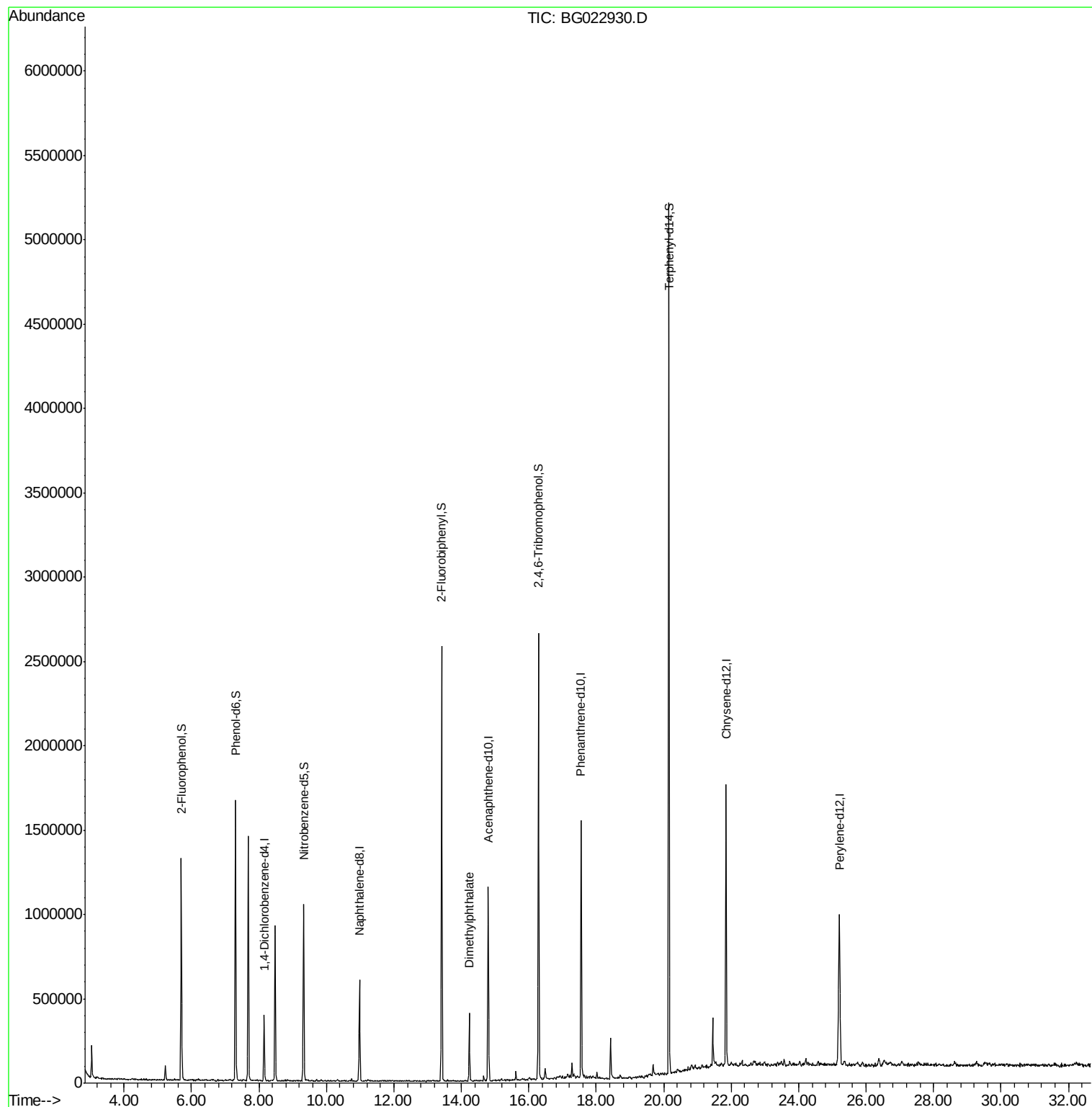
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	102811	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	487697	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	387506	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	939677	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1028831	20.00	ng	0.00
86) Perylene-d12	25.21	264	1049958	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	559432	88.99	ng	0.00
7) Phenol-d6	7.30	99	920142	93.46	ng	0.00
23) Nitrobenzene-d5	9.33	82	671231	58.93	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	502425	72.14	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1265586	51.44	ng	0.00
78) Terphenyl-d14	20.15	244	2049034	54.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	246708	7.79	ng	Qvalue 99

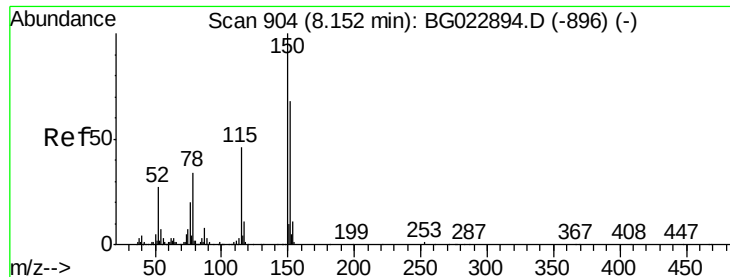
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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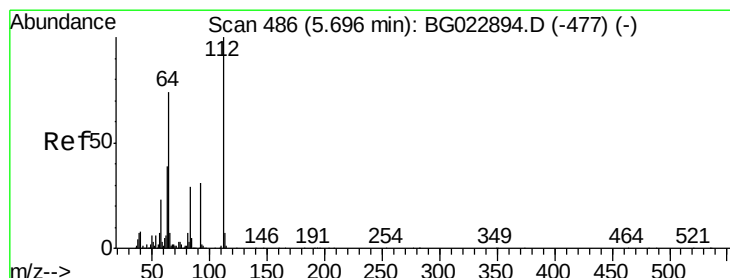
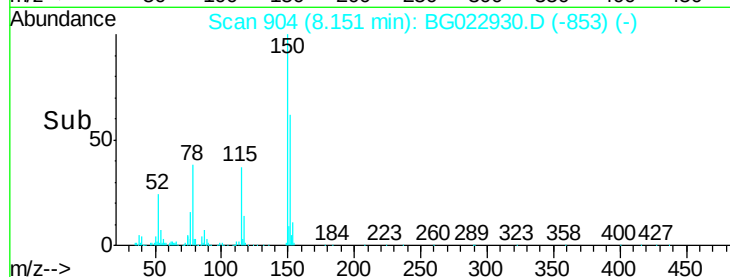
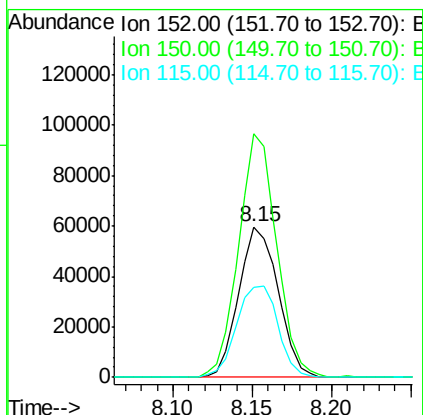
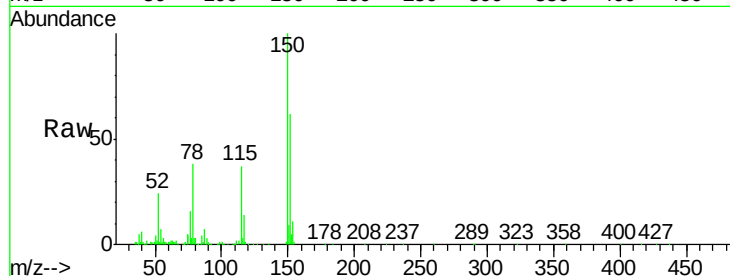


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022930.D
Acq: 8 Jul 2016 14:04

Instrument :
BNA_G
ClientSampleId :
4-A-LOCATION-4-0-5FT

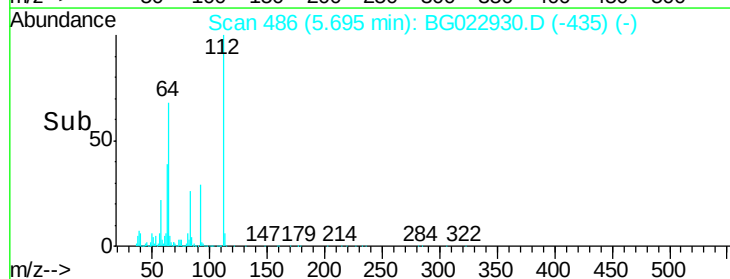
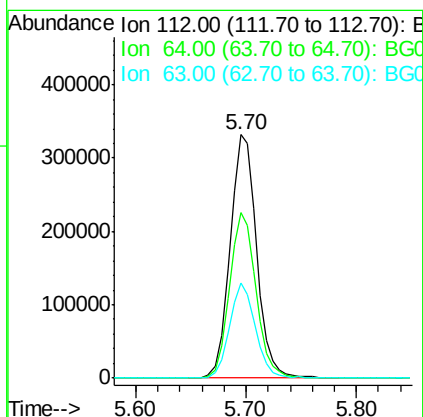
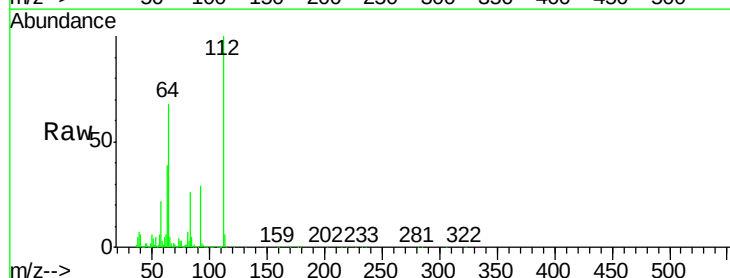
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	144.7	217.1
115	59.7	64.0	96.0

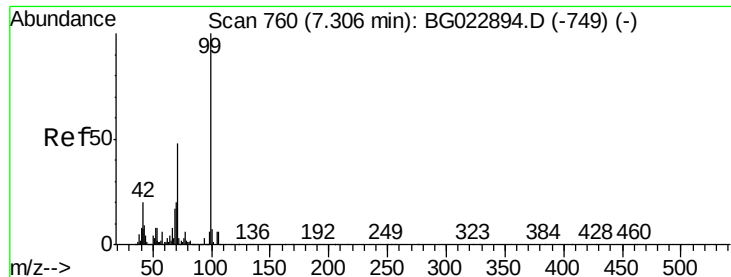


#5

2-Fluorophenol
Concen: 88.99 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG022930.D
Acq: 8 Jul 2016 14:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	59.0	88.4
63	38.9	37.8	56.8





#7

Phenol-d6

Concen: 93.46 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022930.D

Acq: 8 Jul 2016 14:04

Instrument :

BNA_G

ClientSampleId :

4-A-LOCATION-4-0-5FT

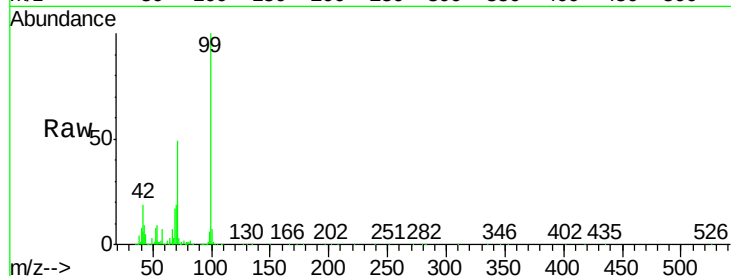
Tot Ion: 99 Resp: 920142

Ion Ratio Lower Upper

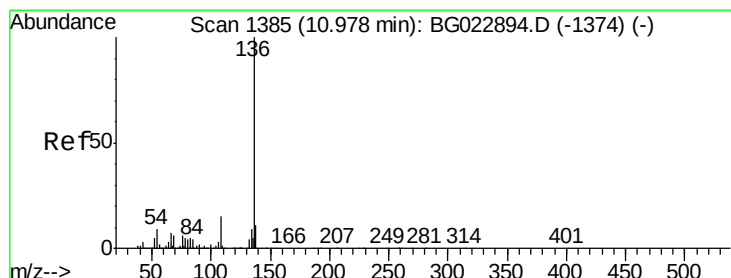
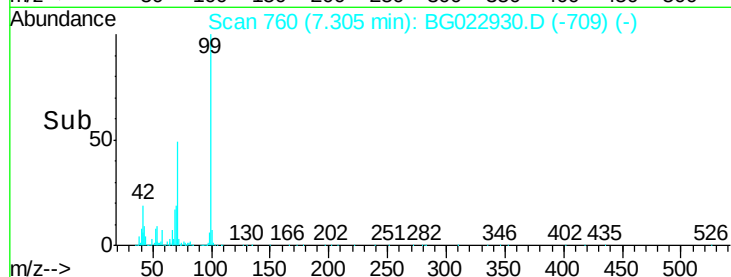
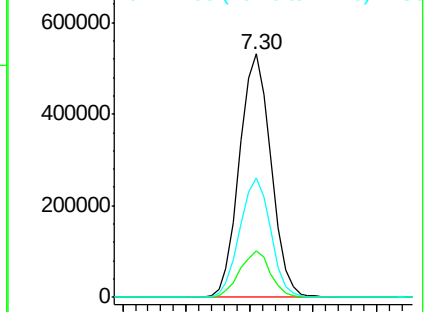
99 100

42 18.9 17.8 26.6

71 49.1 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: BG022930.D

Acq: 8 Jul 2016 14:04

Tgt Ion: 136 Resp: 487697

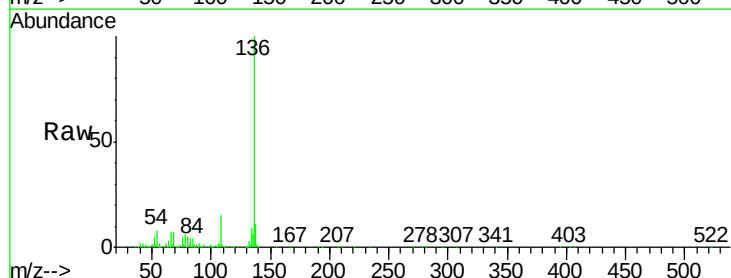
Ion Ratio Lower Upper

136 100

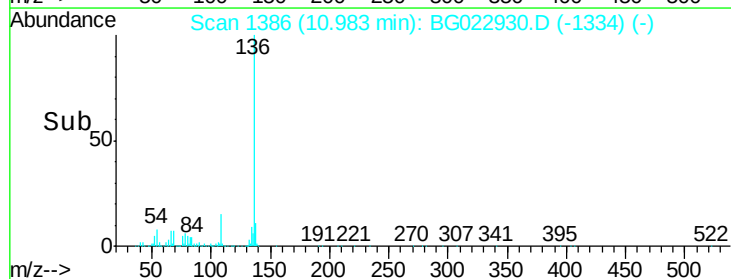
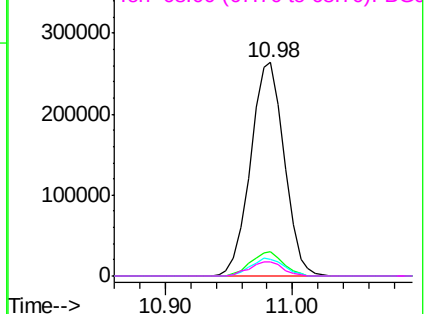
137 11.3 9.6 14.4

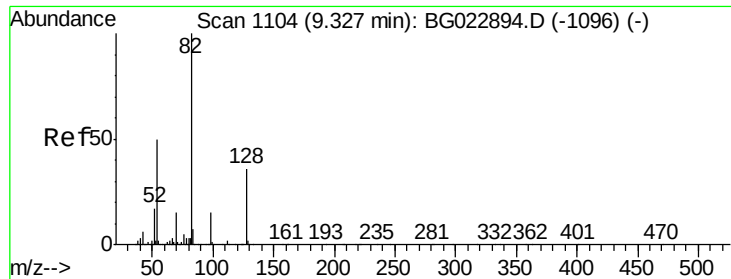
54 7.8 7.3 10.9

68 6.6 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

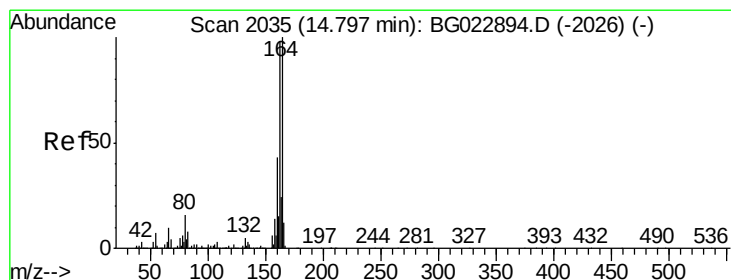
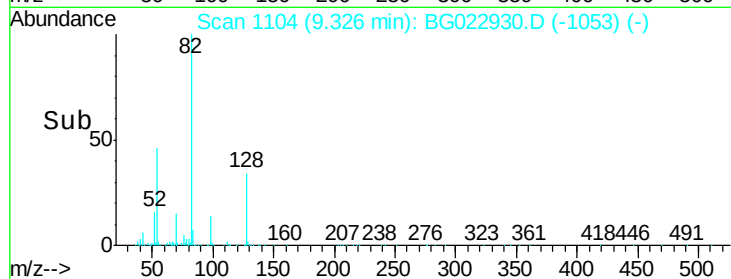
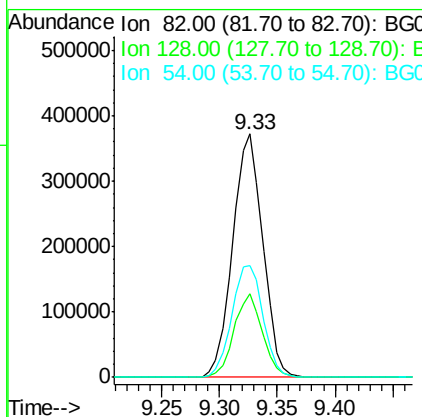
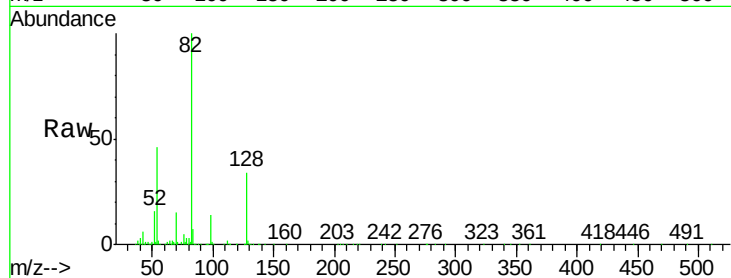




#23
 Nitrobenzene-d5
 Concen: 58.93 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022930.D
 Acq: 8 Jul 2016 14:04

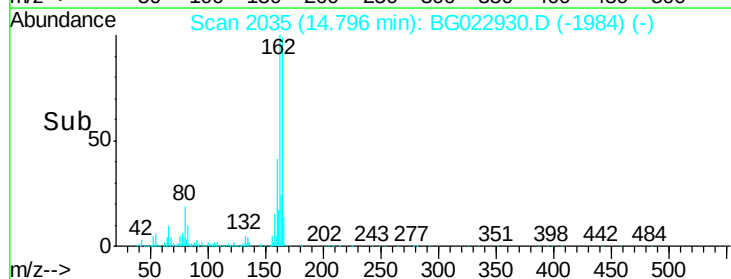
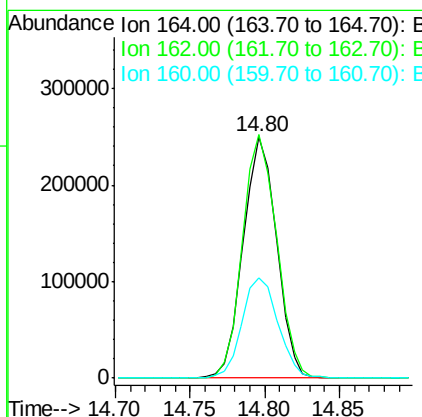
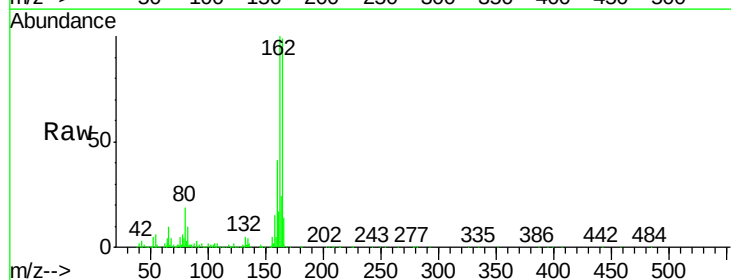
Instrument :
 BNA_G
 ClientSampleId :
 4-A-LOCATION-4-0-5FT

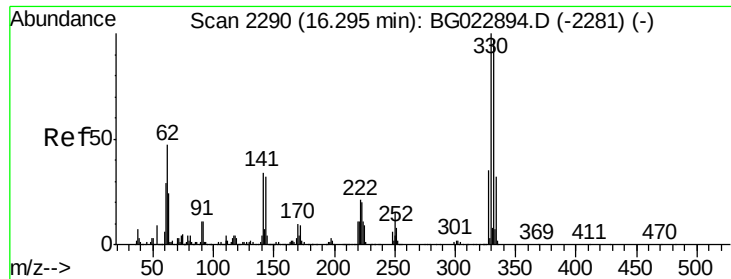
Tot Ion	82	Resp	671231
Ion Ratio	Lower	Upper	
82	100		
128	34.4	24.4	36.6
54	46.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022930.D
 Acq: 8 Jul 2016 14:04

Tgt Ion	164	Resp	387506
Ion Ratio	Lower	Upper	
164	100		
162	100.7	87.7	131.5
160	41.3	37.2	55.8

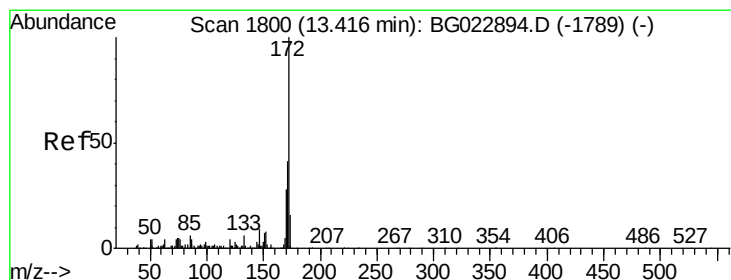
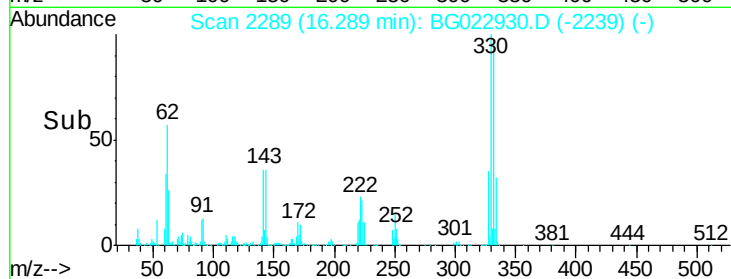
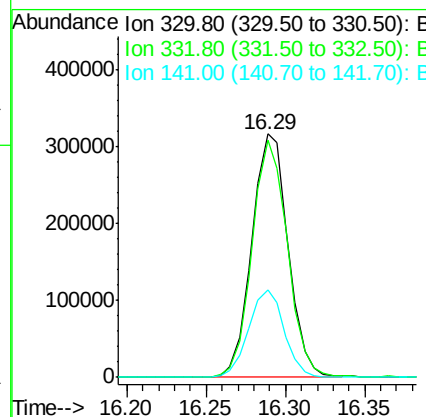
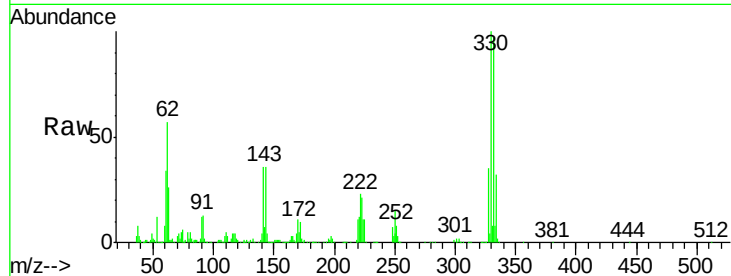




#41
 2,4,6-Tribromophenol
 Concen: 72.14 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022930.D
 Acq: 8 Jul 2016 14:04

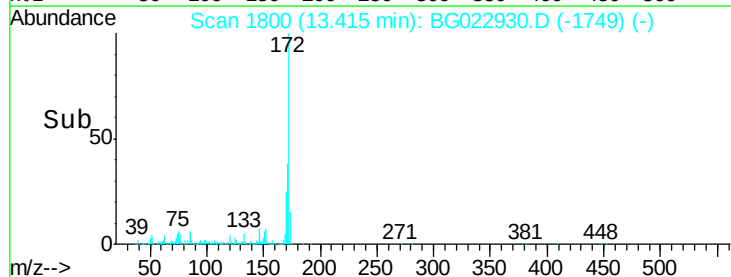
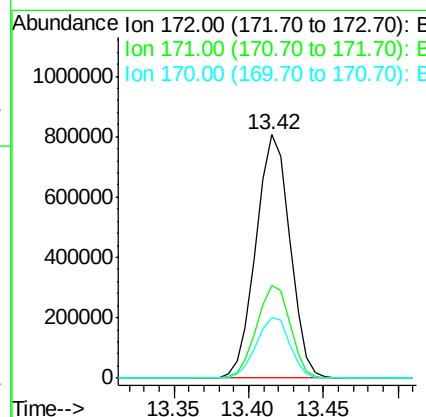
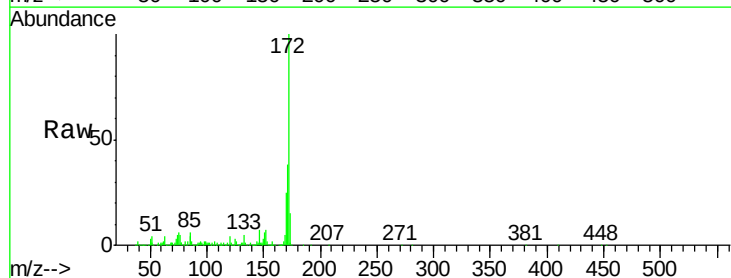
Instrument :
 BNA_G
 ClientSampleId :
 4-A-LOCATION-4-0-5FT

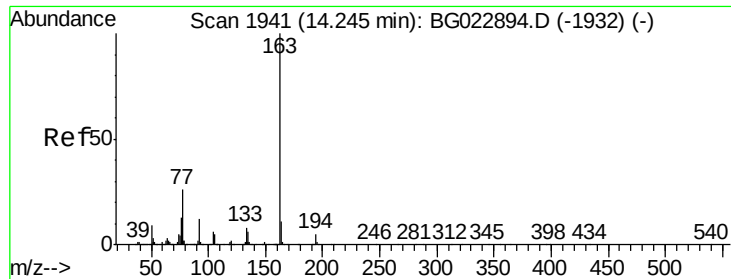
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	35.3	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 51.44 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022930.D
 Acq: 8 Jul 2016 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.6	47.4
170	25.0	21.3	31.9

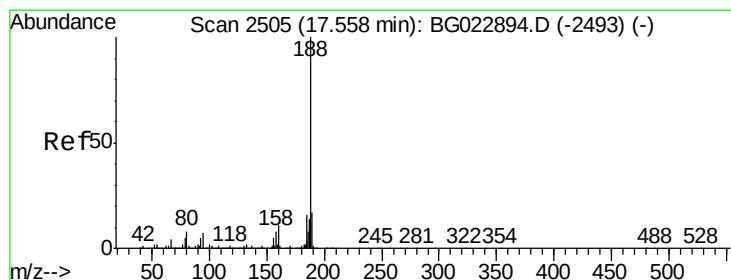
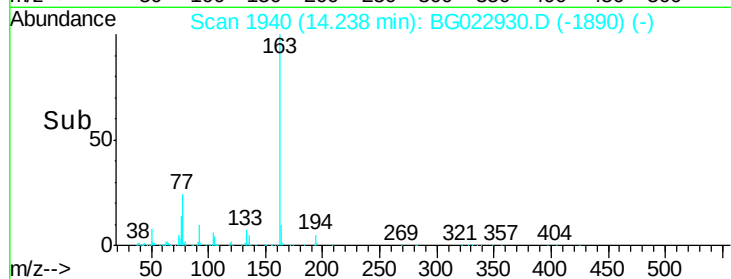
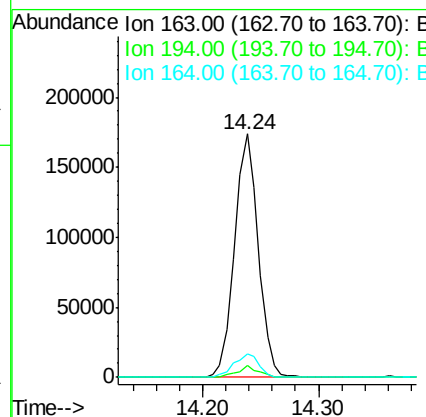
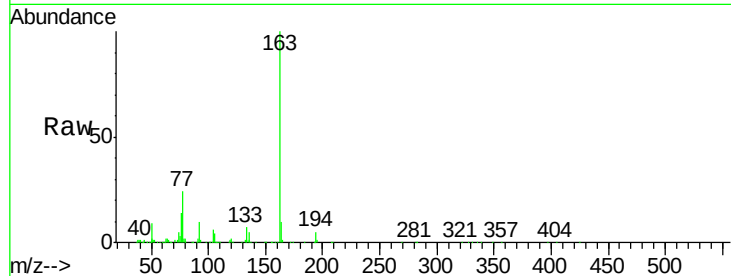




#49
Dimethylphthalate
Concen: 7.79 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022930.D
Acq: 8 Jul 2016 14:04

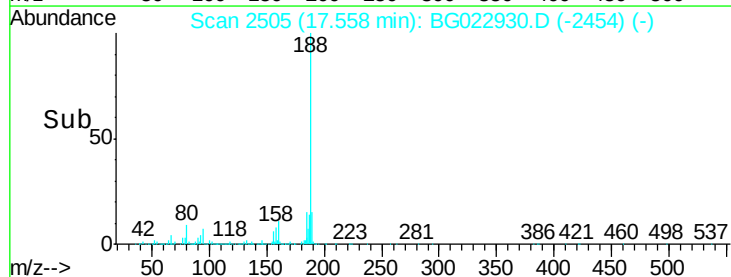
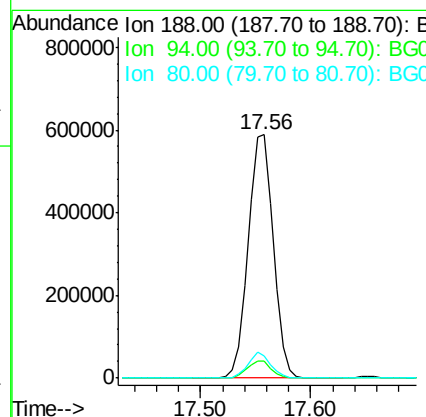
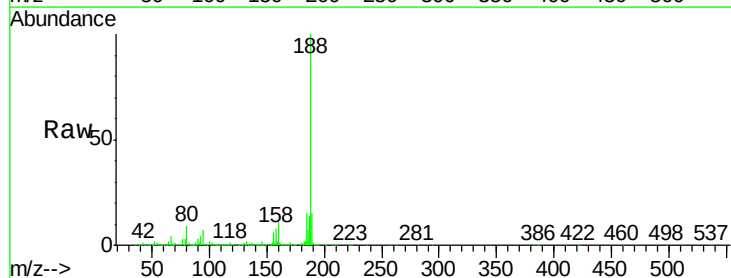
Instrument :
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ClientSampleId :
4-A-LOCATION-4-0-5FT

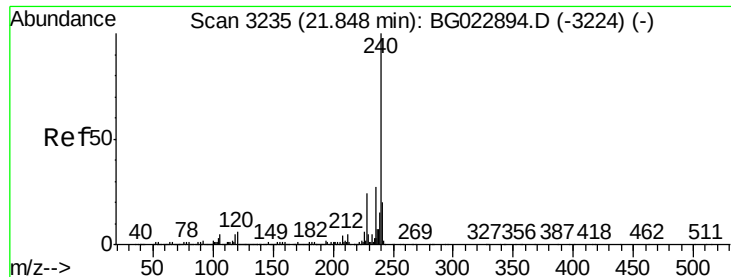
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.6	5.4
164	9.9	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022930.D
Acq: 8 Jul 2016 14:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.2	7.8
80	9.3	7.2	10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022930.D

Acq: 8 Jul 2016 14:04

Instrument :

BNA_G

ClientSampleId :

4-A-LOCATION-4-0-5FT

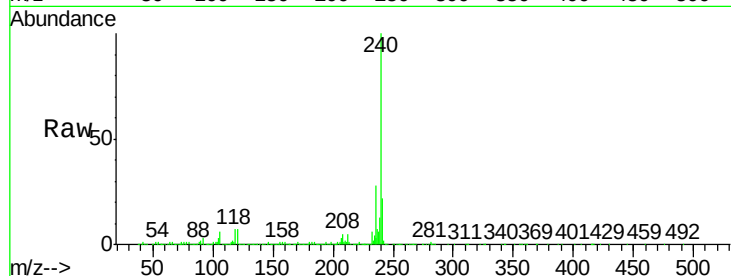
Tot Ion:240 Resp: 1028831

Ion Ratio Lower Upper

240 100

120 6.6 4.1 6.1#

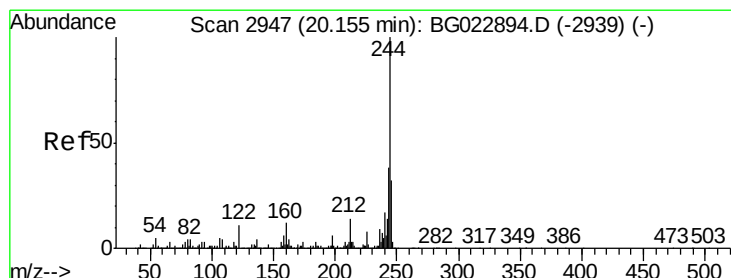
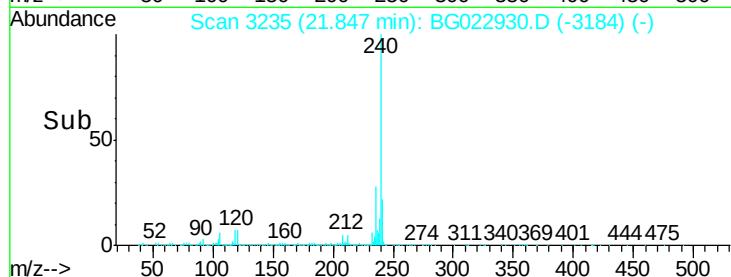
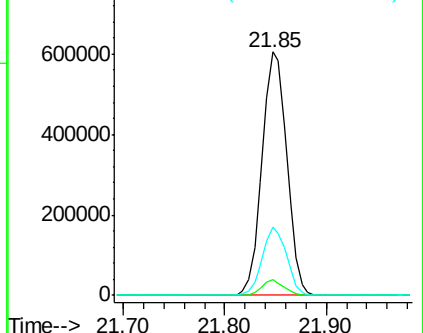
236 28.1 21.1 31.7



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



#78

Terphenyl-d14

Concen: 54.93 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022930.D

Acq: 8 Jul 2016 14:04

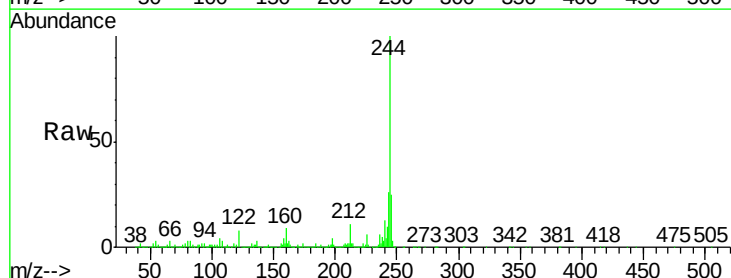
Tgt Ion:244 Resp: 2049034

Ion Ratio Lower Upper

244 100

212 11.2 10.8 16.2

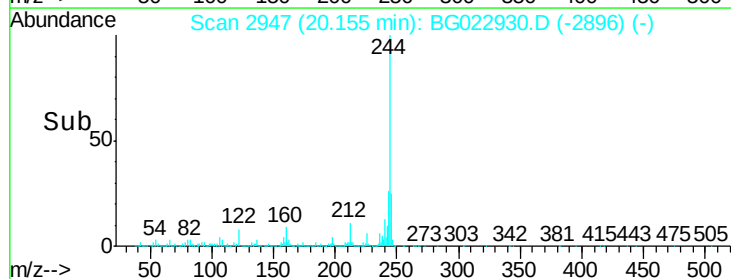
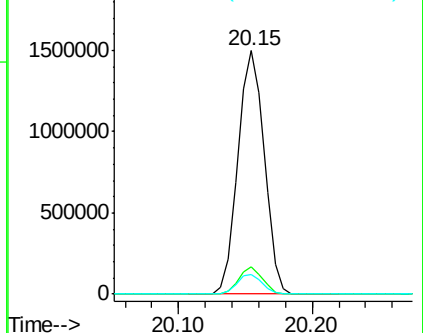
122 8.2 8.0 12.0

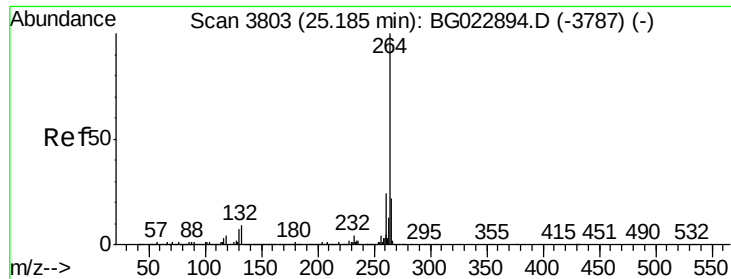


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3807
 Delta R.T. 0.02 min
 Lab File: BG022930.D
 Acq: 8 Jul 2016 14:04

Instrument :
 BNA_G
 ClientSampleId :
 4-A-LOCATION-4-0-5FT

Tot Ion:264 Resp: 1049958

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	21.7	18.9	28.3

