

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022920.D
 Acq On : 8 Jul 2016 7:25
 Operator : UM/SJ
 Sample : H3900-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2

Quant Time: Jul 08 08:01:11 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

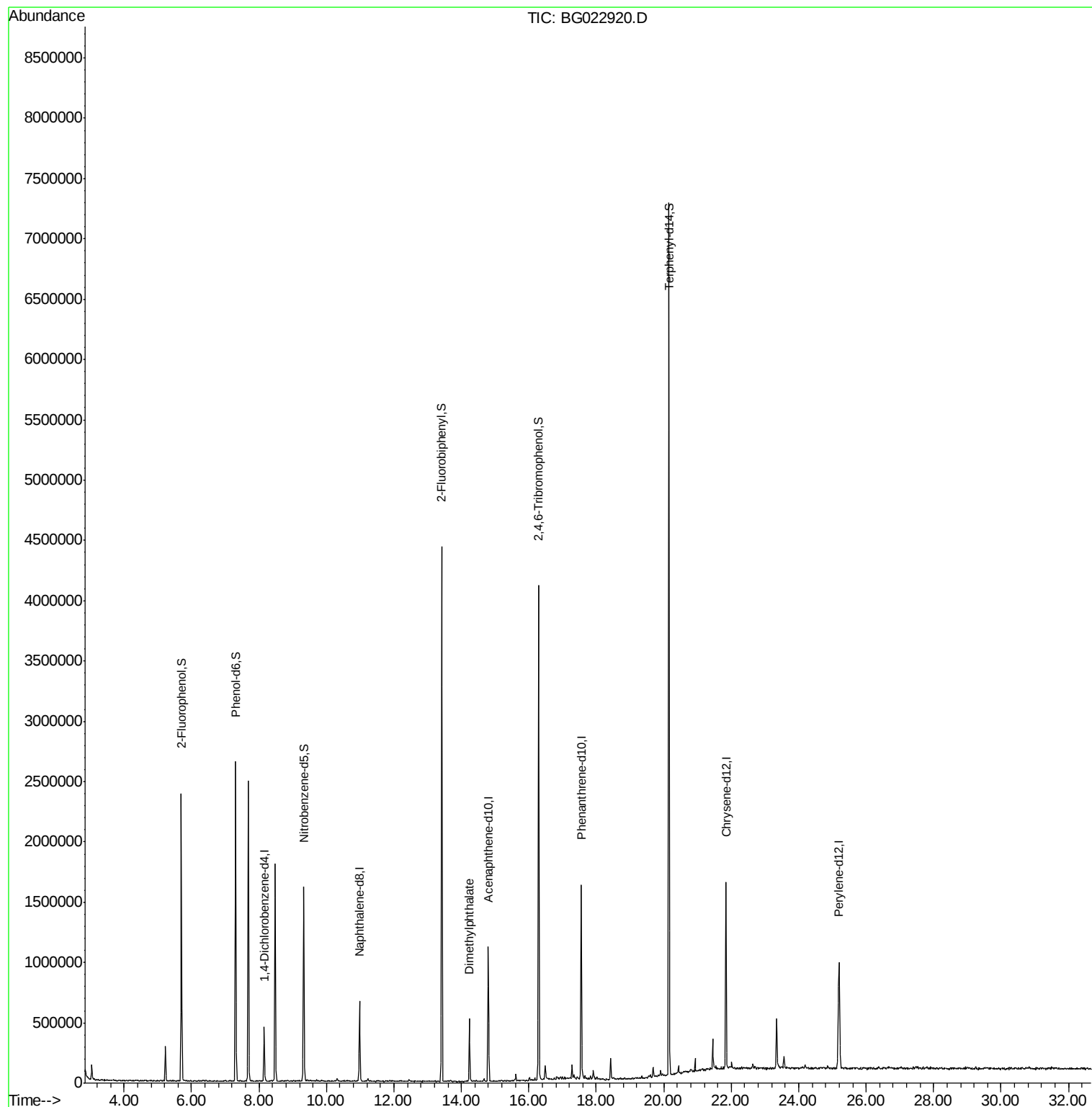
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	115523	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	510290	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	385719	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	958854	20.00	ng	0.00
75) Chrysene-d12	21.84	240	966520	20.00	ng	0.00
86) Perylene-d12	25.19	264	1017655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	923814	130.79	ng	0.00
7) Phenol-d6	7.31	99	1466576	132.57	ng	0.00
23) Nitrobenzene-d5	9.32	82	1062437	89.15	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	789203	113.84	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2092804	85.46	ng	0.00
78) Terphenyl-d14	20.15	244	2853501	100.25	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	324567	10.30	ng	98

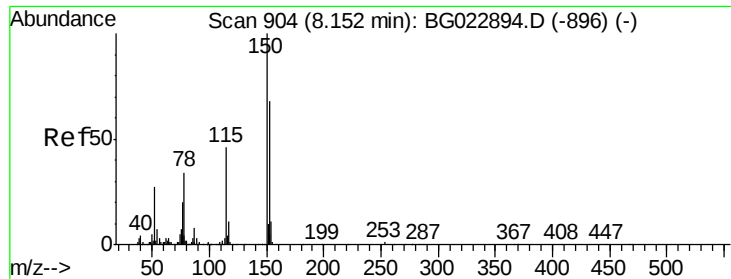
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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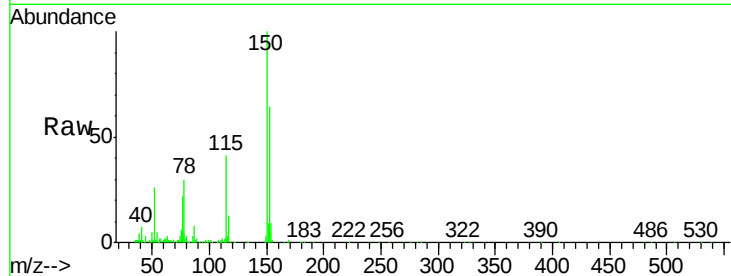


#1

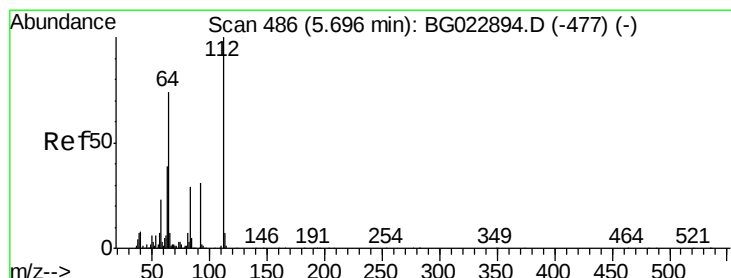
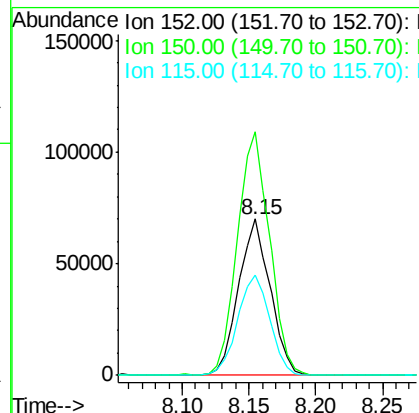
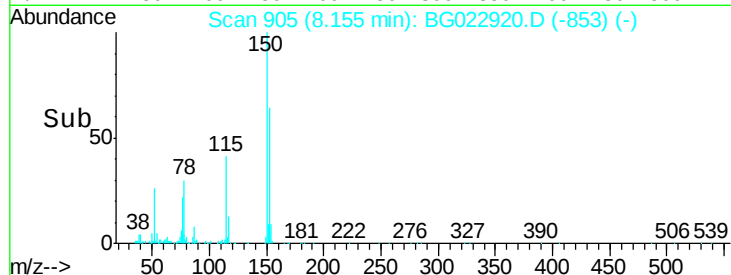
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG022920.D
Acq: 8 Jul 2016 7:25

Instrument :
BNA_G
ClientSampleId :
B-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	144.7	217.1
115	64.0	64.0	96.0



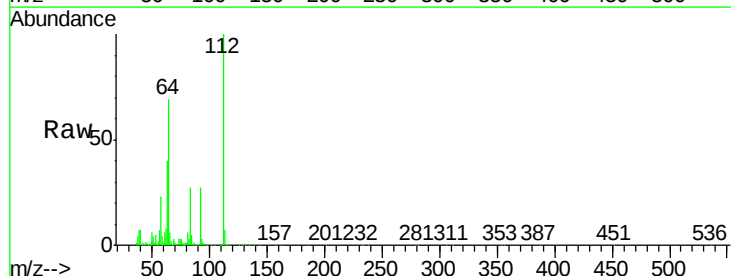
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



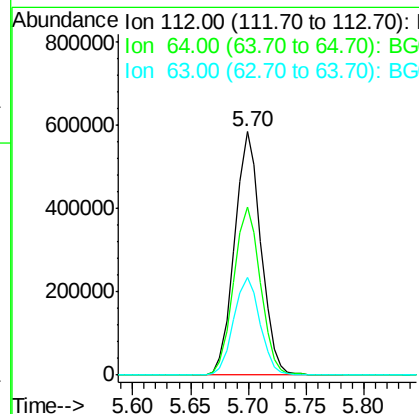
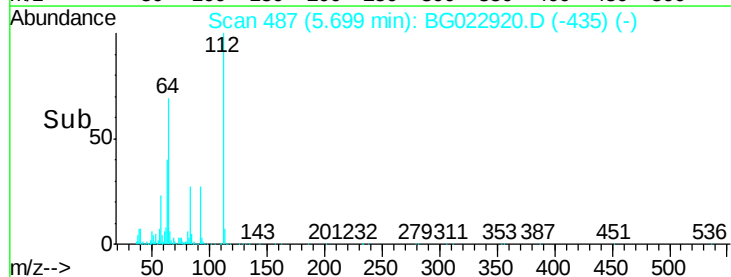
#5

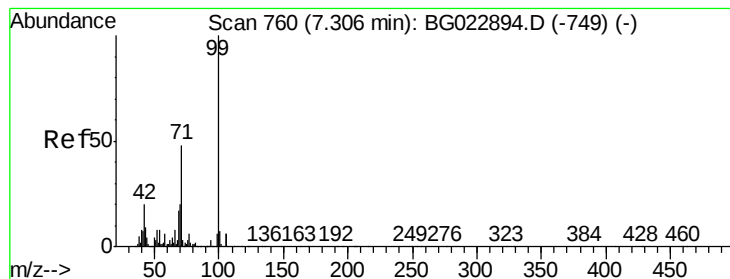
2-Fluorophenol
Concen: 130.79 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022920.D
Acq: 8 Jul 2016 7:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	59.0	88.4
63	40.2	37.8	56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.57 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022920.D

Acq: 8 Jul 2016 7:25

Instrument :

BNA_G

ClientSampled :

B-2

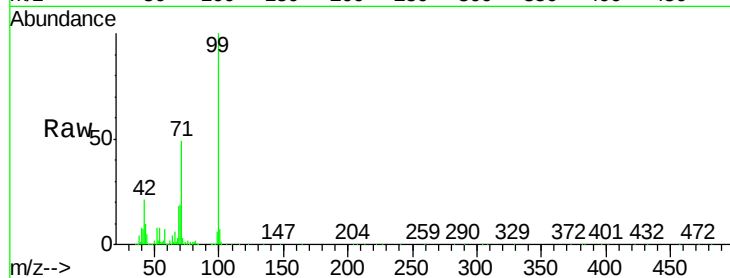
Tot Ion: 99 Resp: 1466576

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.8	26.6
71	49.2	41.5	62.3

99 100

42 20.6 17.8 26.6

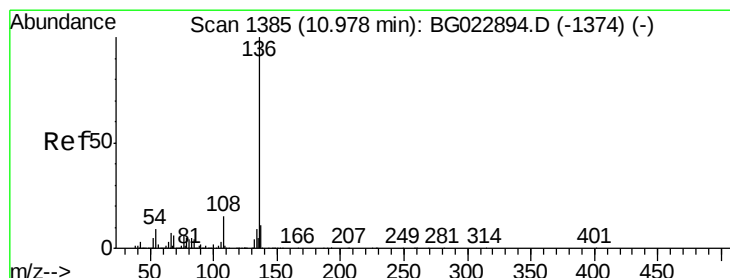
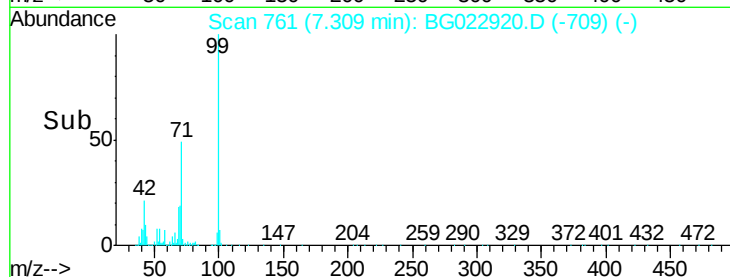
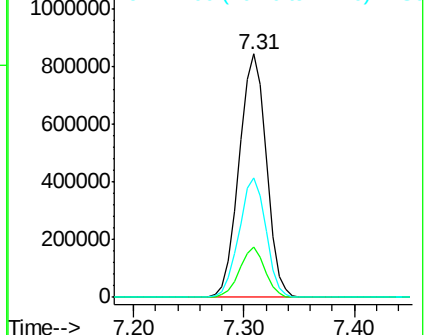
71 49.2 41.5 62.3



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. 0.00 min

Lab File: BG022920.D

Acq: 8 Jul 2016 7:25

Tgt Ion:136 Resp: 510290

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	8.5	7.3	10.9
68	5.8	5.3	7.9

136 100

137 10.3 9.6 14.4

54 8.5 7.3 10.9

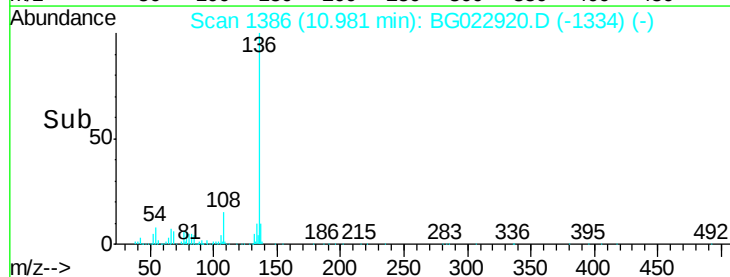
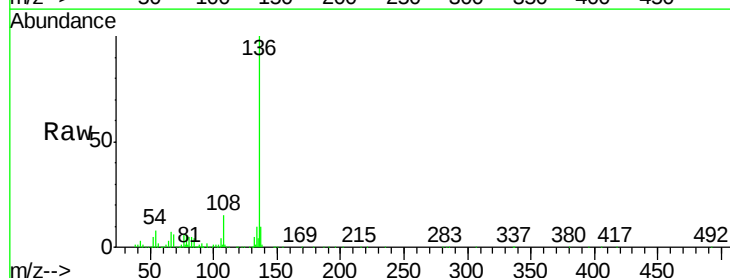
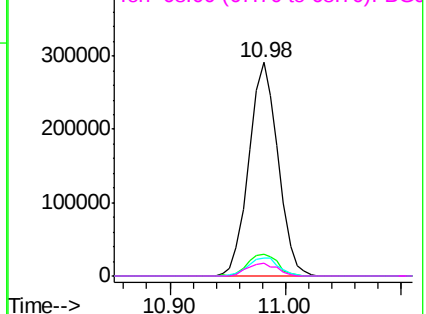
68 5.8 5.3 7.9

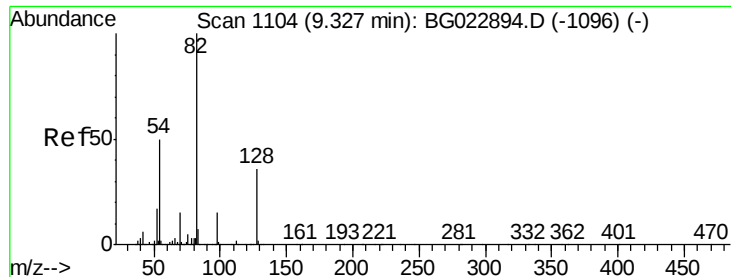
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

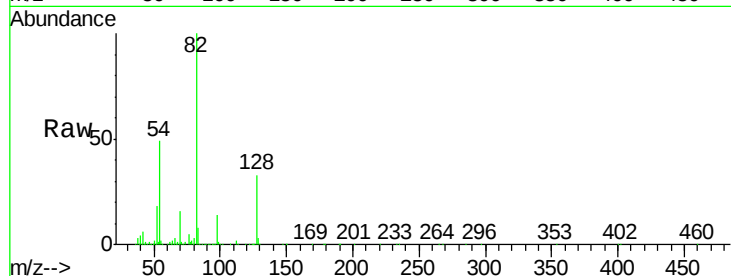




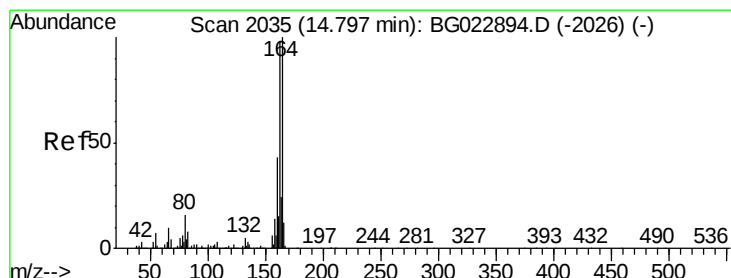
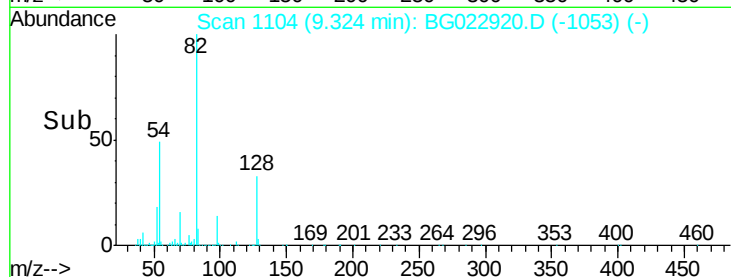
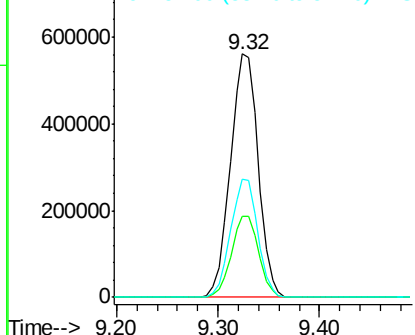
#23
Nitrobenzene-d5
Concen: 89.15 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022920.D
Acq: 8 Jul 2016 7:25

Instrument :
BNA_G
ClientSampleId :
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Tot Ion: 82 Resp: 1062437
Ion Ratio Lower Upper
82 100
128 33.1 24.4 36.6
54 48.8 41.4 62.0

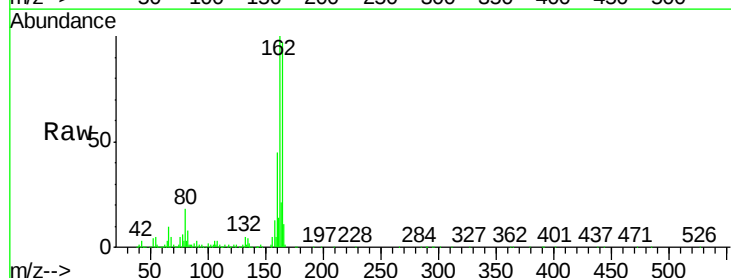


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

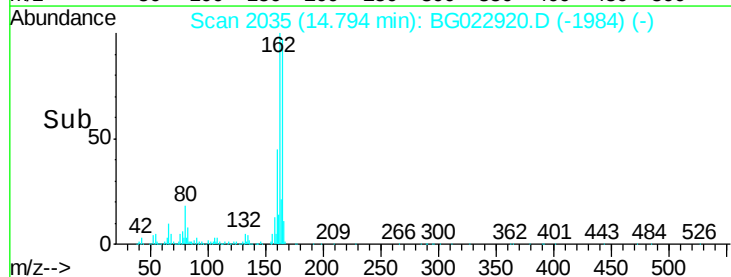
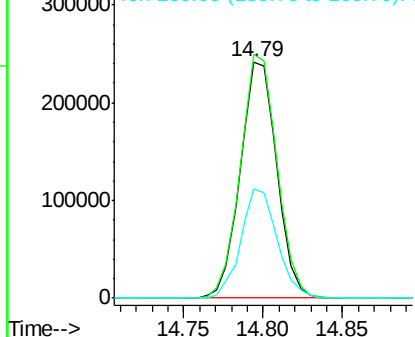


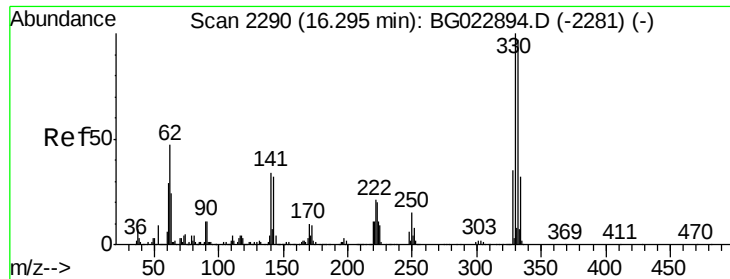
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022920.D
Acq: 8 Jul 2016 7:25

Tgt Ion:164 Resp: 385719
Ion Ratio Lower Upper
164 100
162 103.2 87.7 131.5
160 46.4 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

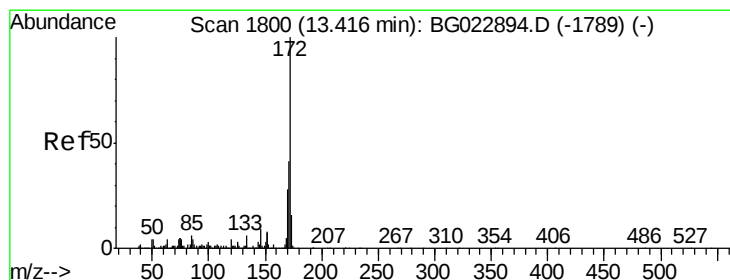
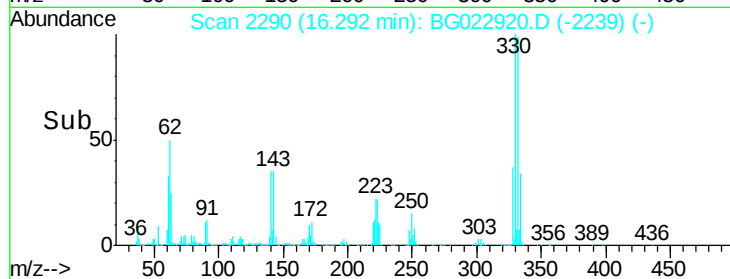
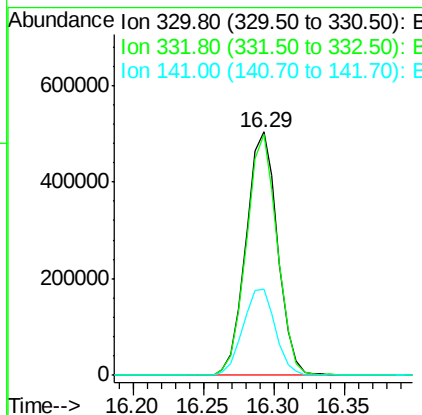
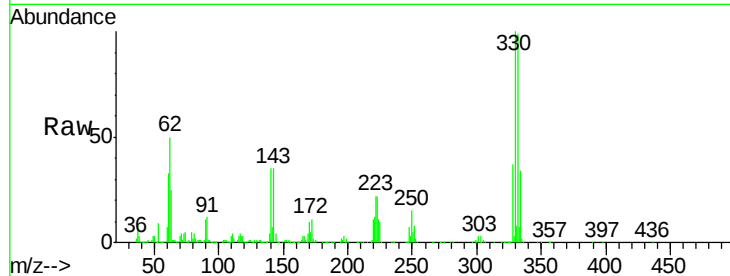




#41
 2,4,6-Tribromophenol
 Concen: 113.84 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022920.D
 Acq: 8 Jul 2016 7:25

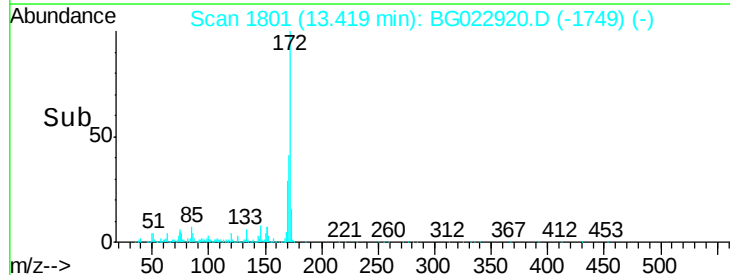
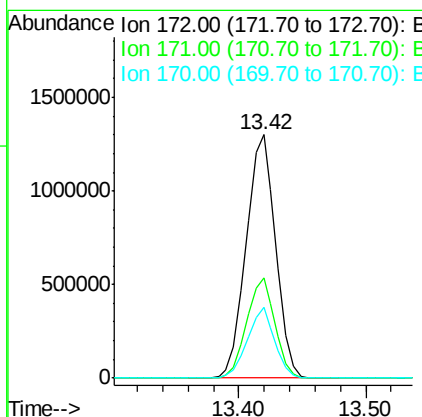
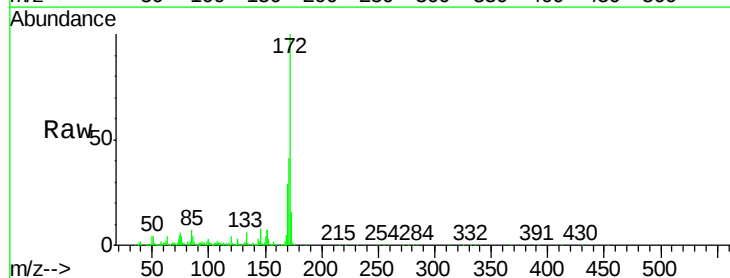
Instrument :
 BNA_G
 ClientSampleId :
 B-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	36.5	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 85.46 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022920.D
 Acq: 8 Jul 2016 7:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.1	31.6	47.4
170	29.0	21.3	31.9

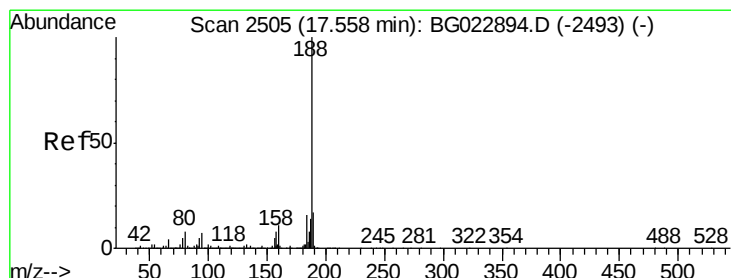
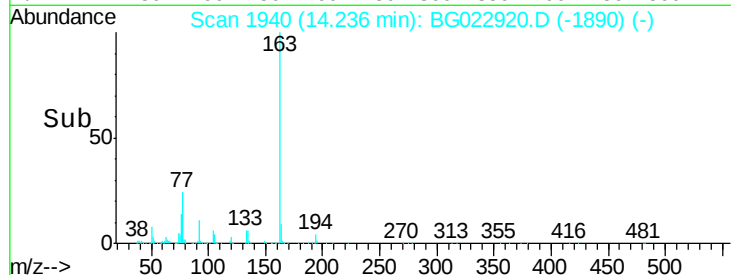
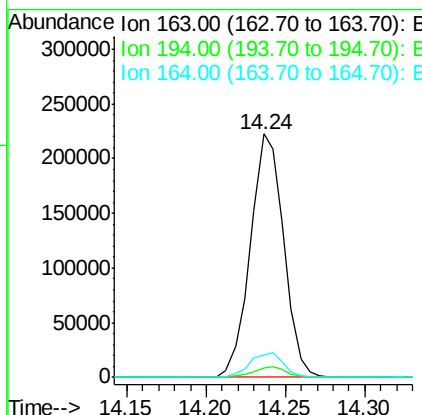
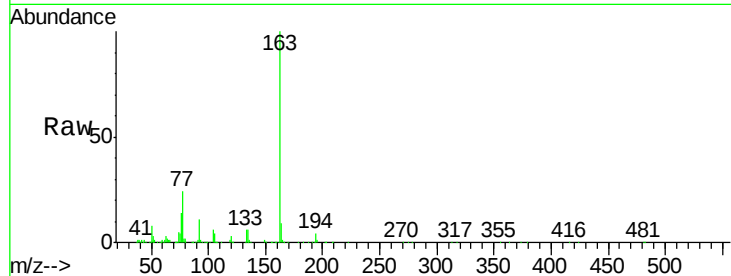




#49
Dimethylphthalate
Concen: 10.30 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022920.D
Acq: 8 Jul 2016 7:25

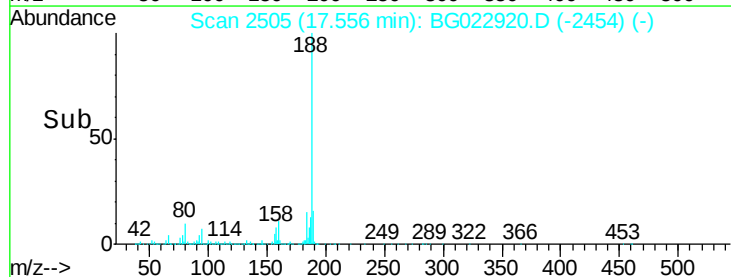
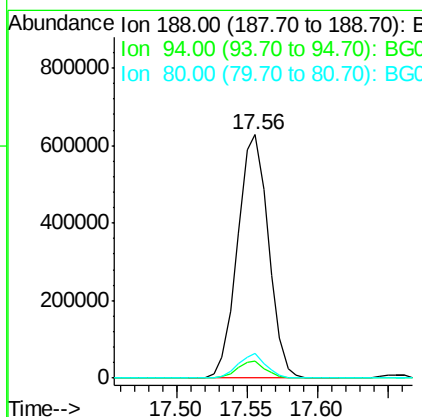
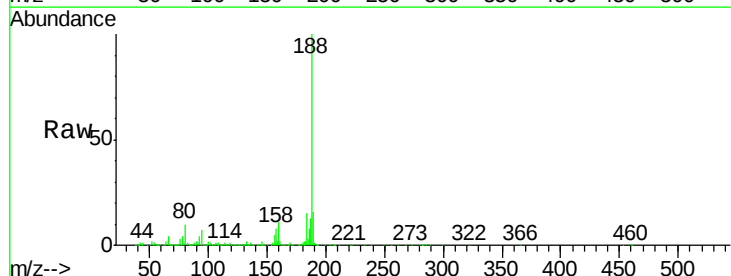
Instrument :
BNA_G
ClientSampleId :
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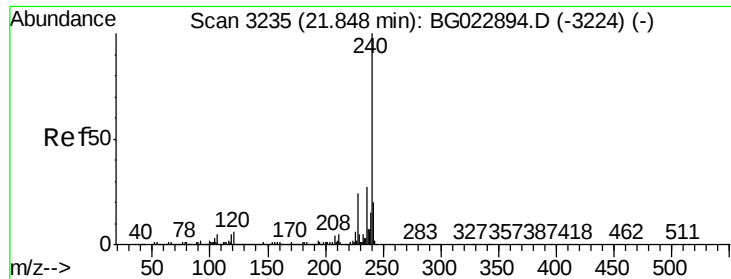
Tot Ion	163	Resp	324567
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.6	5.4
164	9.1	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022920.D
Acq: 8 Jul 2016 7:25

Tgt Ion	188	Resp	958854
Ion Ratio	Lower	Upper	
188	100		
94	7.0	5.2	7.8
80	10.1	7.2	10.8

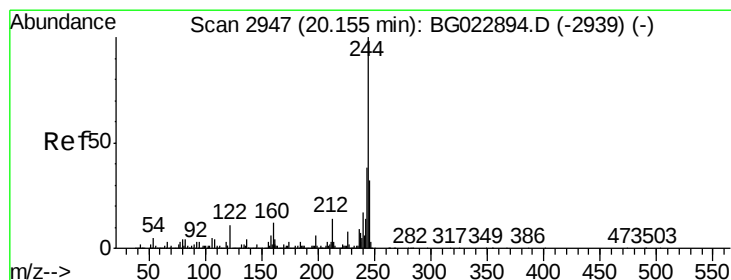
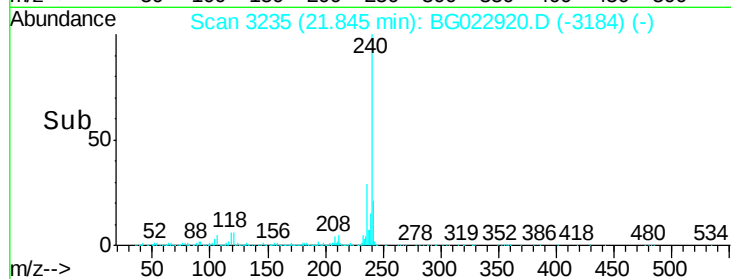
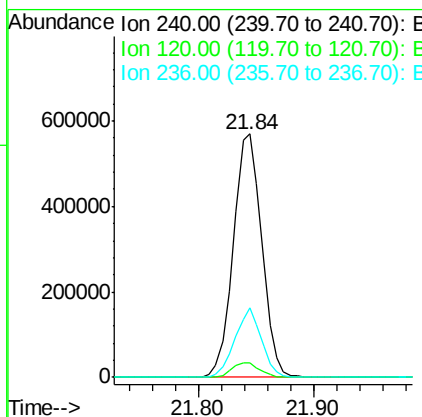
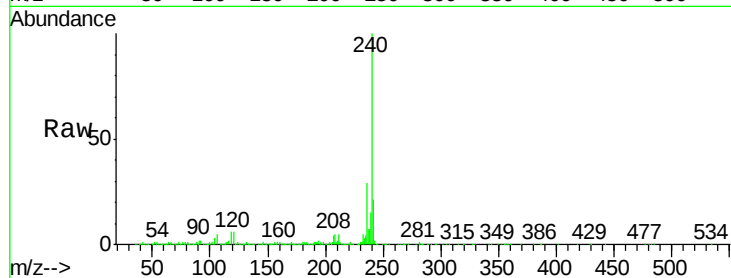




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG022920.D
 Acq: 8 Jul 2016 7:25

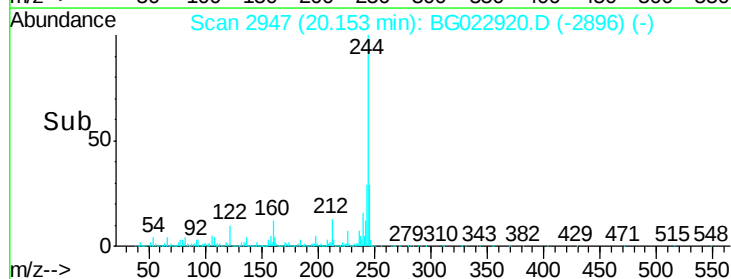
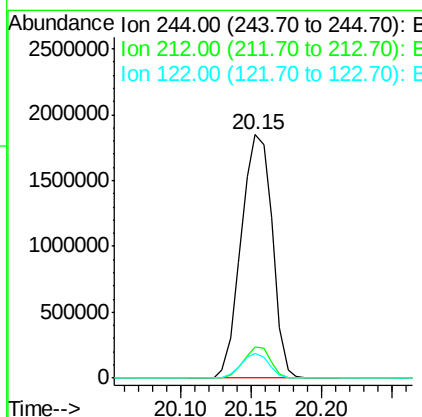
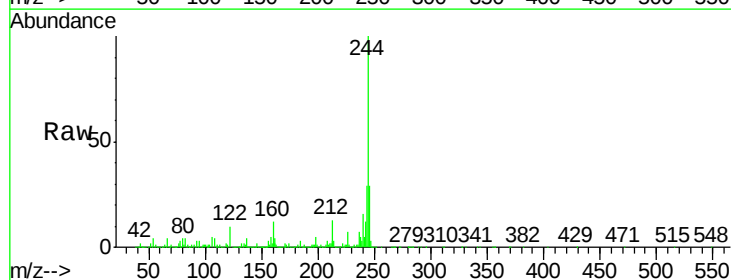
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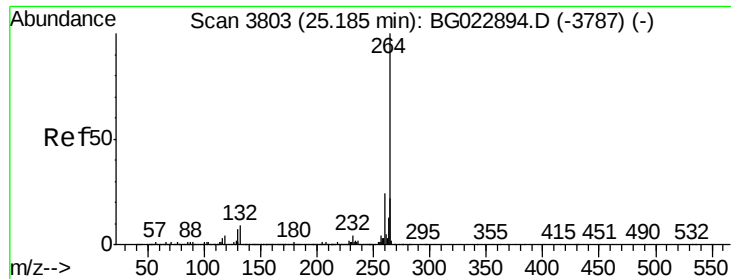
Tot Ion:240 Resp: 966520
 Ion Ratio Lower Upper
 240 100
 120 6.0 4.1 6.1
 236 28.6 21.1 31.7



#78
 Terphenyl-d14
 Concen: 100.25 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG022920.D
 Acq: 8 Jul 2016 7:25

Tgt Ion:244 Resp: 2853501
 Ion Ratio Lower Upper
 244 100
 212 12.9 10.8 16.2
 122 10.3 8.0 12.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3805
Delta R.T. 0.01 min
Lab File: BG022920.D
Acq: 8 Jul 2016 7:25

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:264 Resp: 1017655

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.5	18.9	28.3

