

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070816\
 Data File : BG022919.D
 Acq On : 8 Jul 2016 6:45
 Operator : UM/SJ
 Sample : H3841-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-1

Quant Time: Jul 08 08:00:58 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

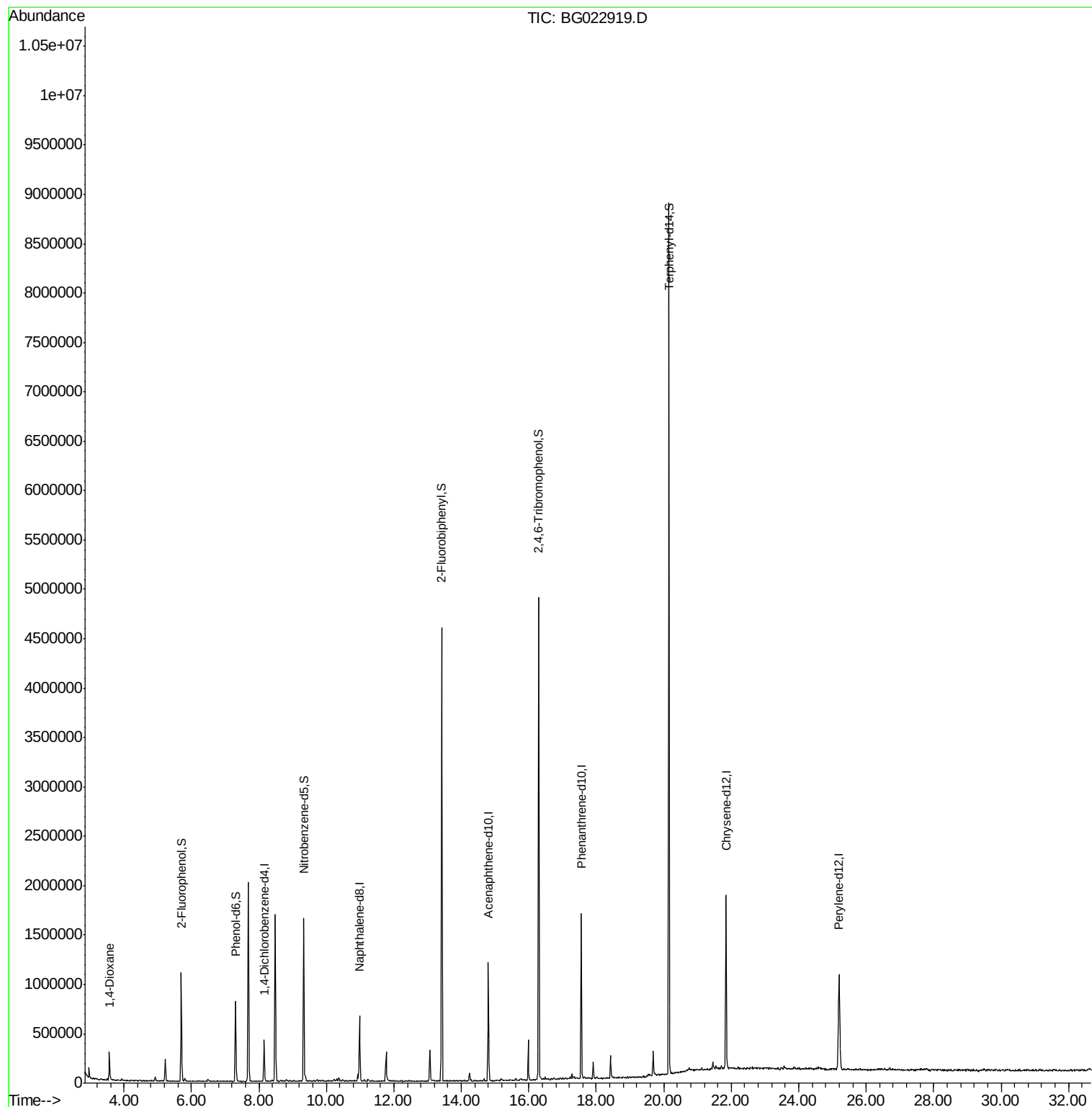
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	109348	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	522839	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	410050	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1032386	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1139137	20.00	ng	0.00
86) Perylene-d12	25.20	264	1163690	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	453807	67.88	ng	0.00
7) Phenol-d6	7.31	99	456402	43.58	ng	0.00
23) Nitrobenzene-d5	9.33	82	1072268	87.82	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	919425	124.76	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2204980	84.70	ng	0.00
78) Terphenyl-d14	20.16	244	3159650	89.94	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.57	88	166940	64.24	ng	Qvalue 95

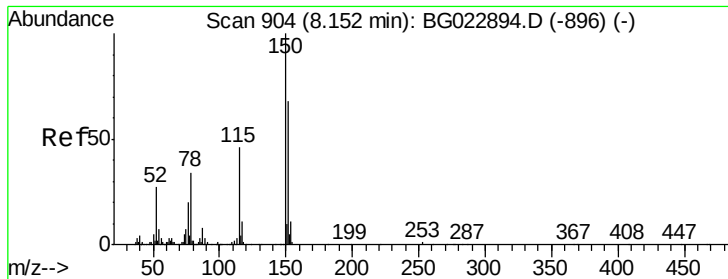
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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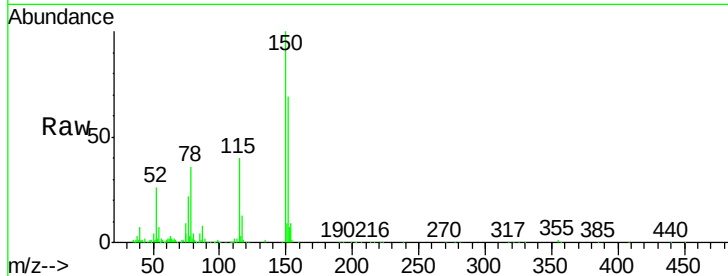


#1

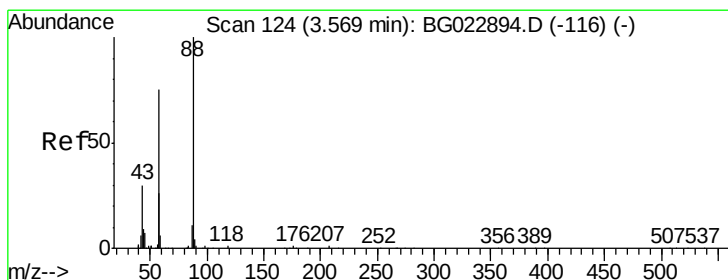
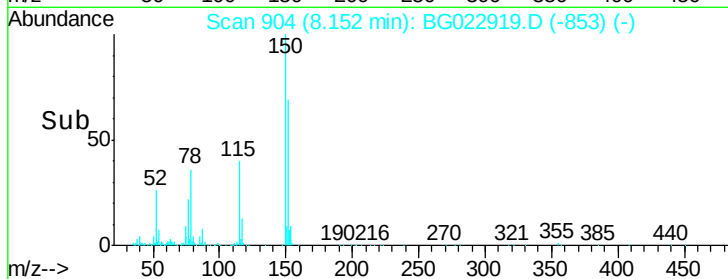
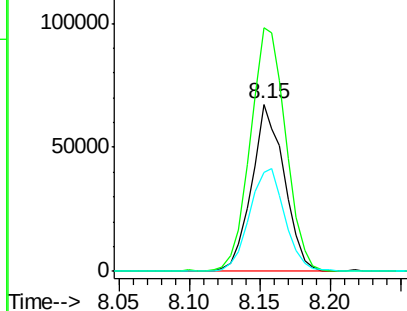
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG022919.D
Acq: 8 Jul 2016 6:45

Instrument :
BNA_G
ClientSampleId :
DUP-1

Tgt Ion:152 Resp: 109348
Ion Ratio Lower Upper
152 100
150 145.6 144.7 217.1
115 58.8 64.0 96.0#



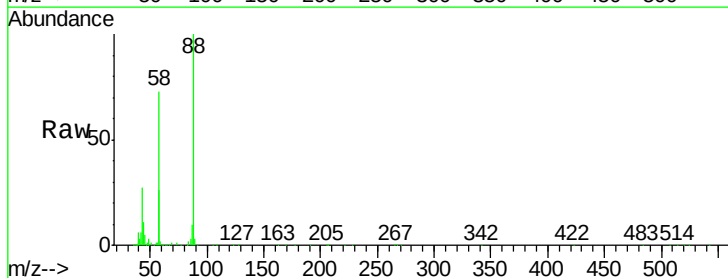
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



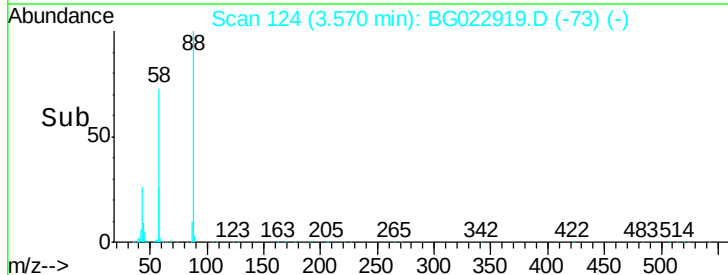
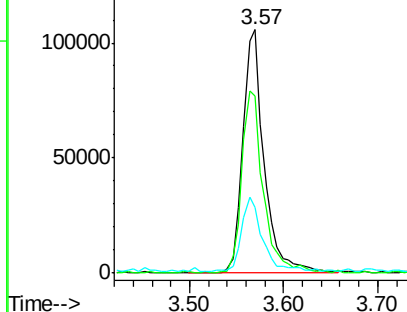
#2

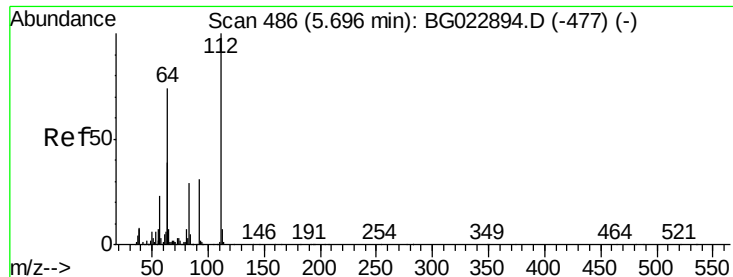
1,4-Dioxane
Concen: 64.24 ng
RT: 3.57 min Scan# 124
Delta R.T. 0.00 min
Lab File: BG022919.D
Acq: 8 Jul 2016 6:45

Tgt Ion: 88 Resp: 166940
Ion Ratio Lower Upper
88 100
58 73.9 60.4 90.6
43 31.3 31.1 46.7



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 67.88 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG022919.D

Acq: 8 Jul 2016 6:45

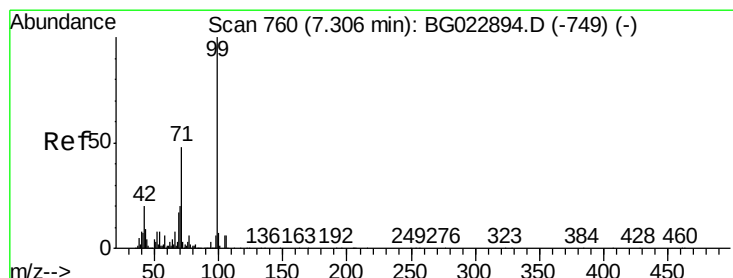
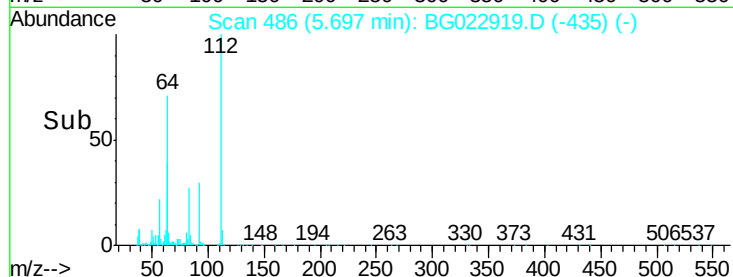
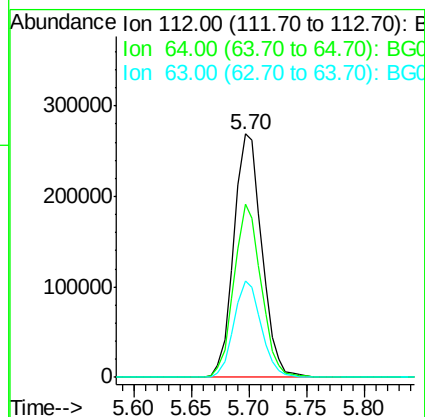
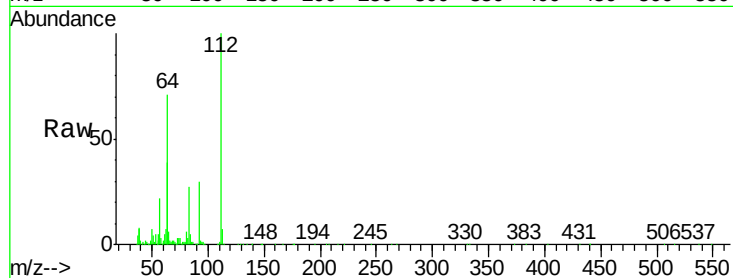
Instrument :

BNA_G

ClientSampleId :

DUP-1

Tgt Ion:	112	Resp:	453807
Ion Ratio	Lower	Upper	
112	100		
64	71.4	59.0	88.4
63	39.4	37.8	56.8



#7

Phenol-d6

Concen: 43.58 ng

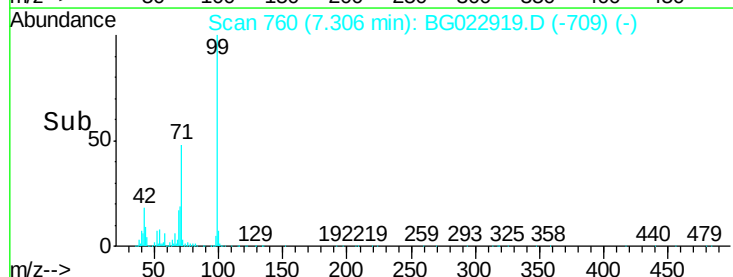
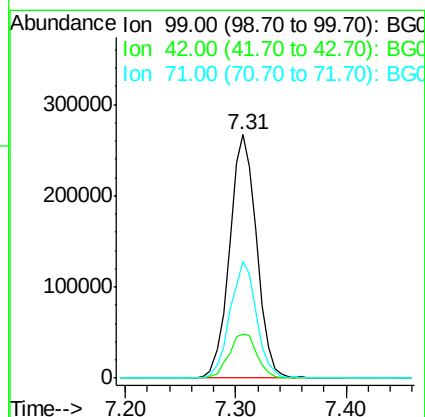
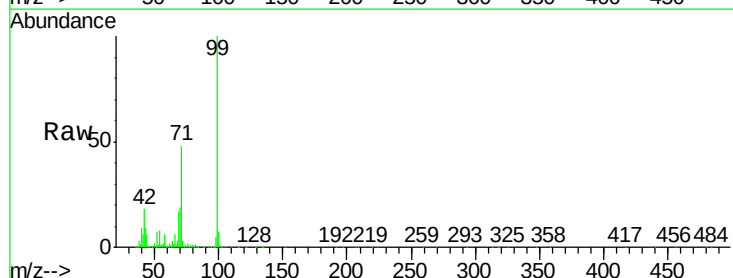
RT: 7.31 min Scan# 760

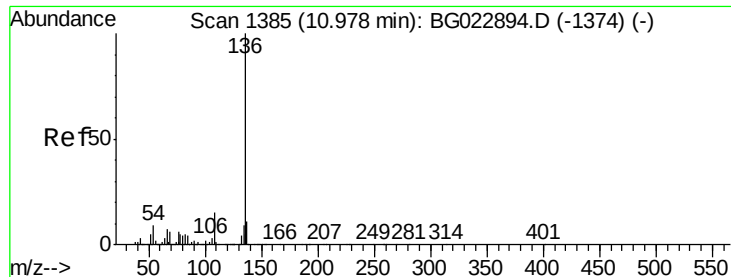
Delta R.T. 0.00 min

Lab File: BG022919.D

Acq: 8 Jul 2016 6:45

Tgt Ion:	99	Resp:	456402
Ion Ratio	Lower	Upper	
99	100		
42	17.8	17.8	26.6
71	47.9	41.5	62.3

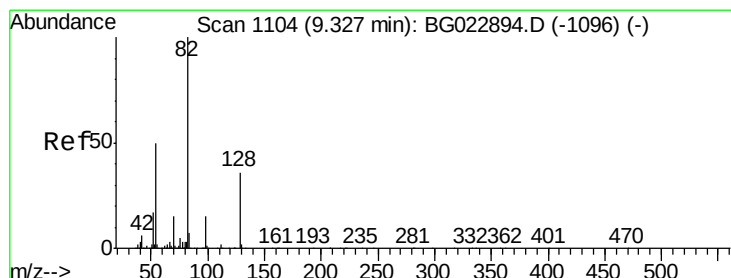
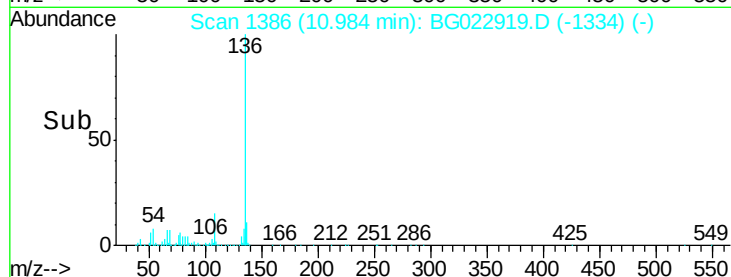
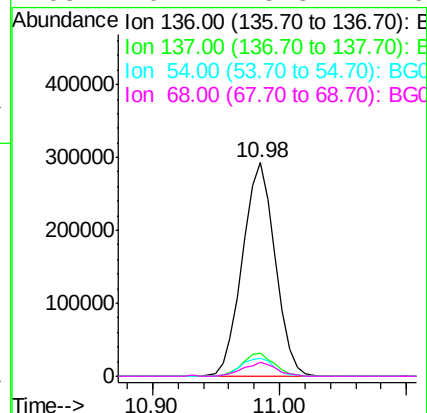
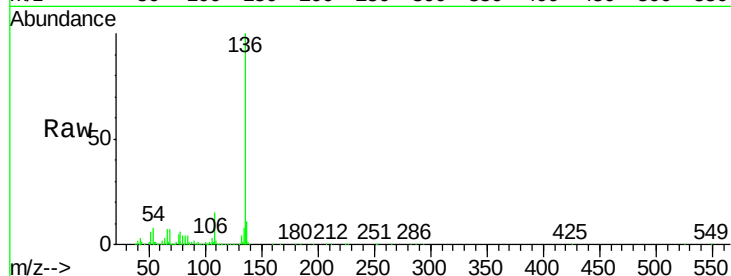




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG022919.D
Acq: 8 Jul 2016 6:45

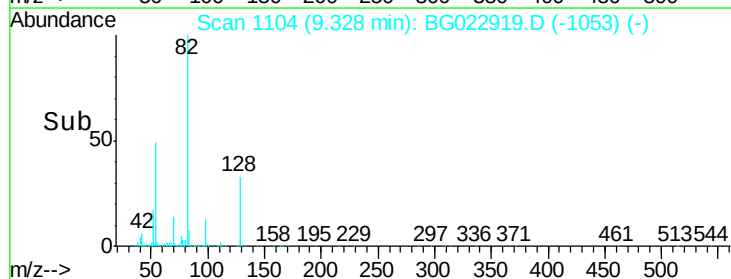
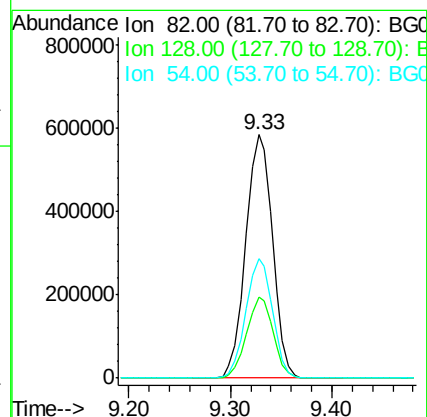
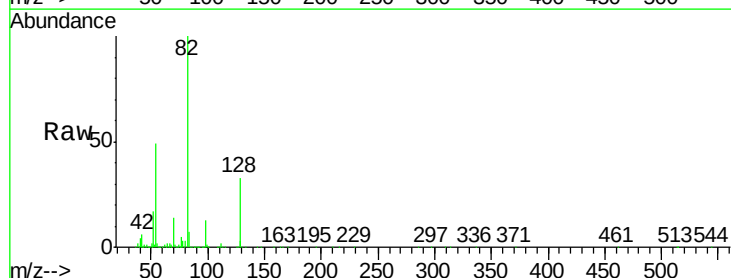
Instrument :
BNA_G
ClientSampleId :
DUP-1

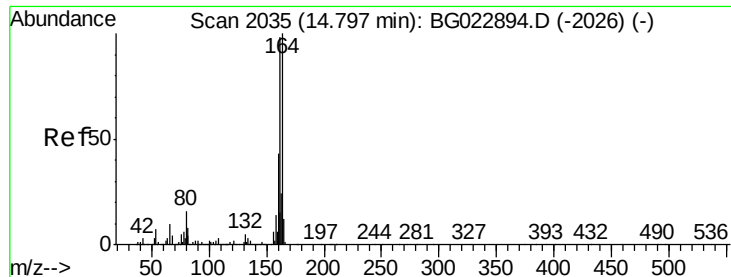
Tgt Ion:	136	Resp:	522839
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	8.3	7.3	10.9
68	6.7	5.3	7.9



#23
Nitrobenzene-d5
Concen: 87.82 ng
RT: 9.33 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BG022919.D
Acq: 8 Jul 2016 6:45

Tgt Ion:	82	Resp:	1072268
Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.4	36.6
54	48.9	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: BG022919.D

Acq: 8 Jul 2016 6:45

Instrument :

BNA_G

ClientSampleId :

DUP-1

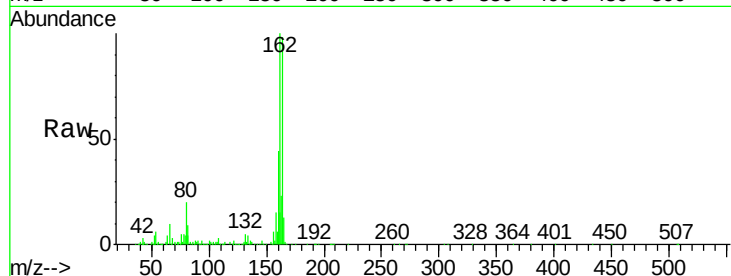
Tgt Ion:164 Resp: 410050

Ion Ratio Lower Upper

164 100

162 102.3 87.7 131.5

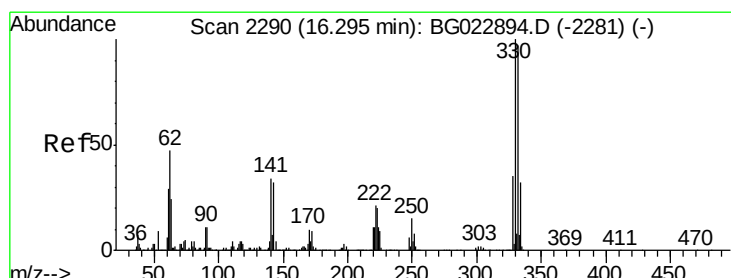
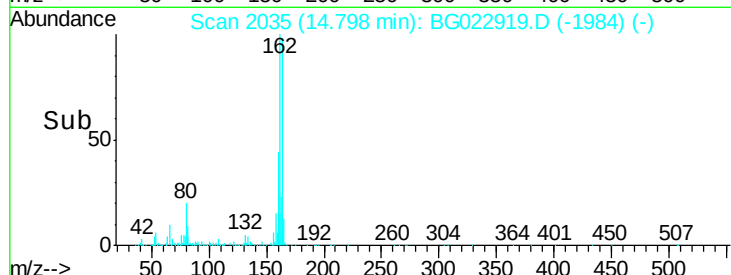
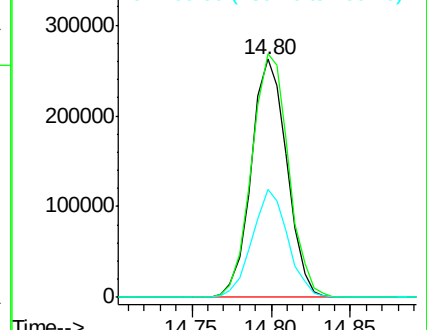
160 45.1 37.2 55.8



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: 124.76 ng

RT: 16.30 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BG022919.D

Acq: 8 Jul 2016 6:45

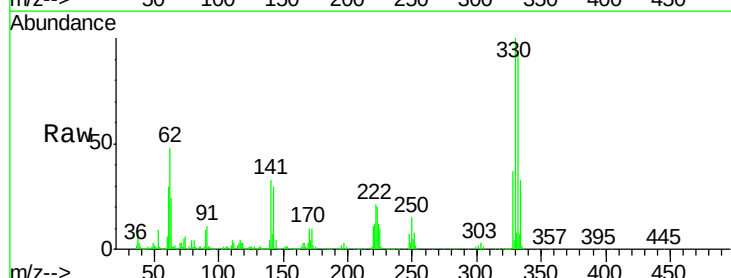
Tgt Ion:330 Resp: 919425

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

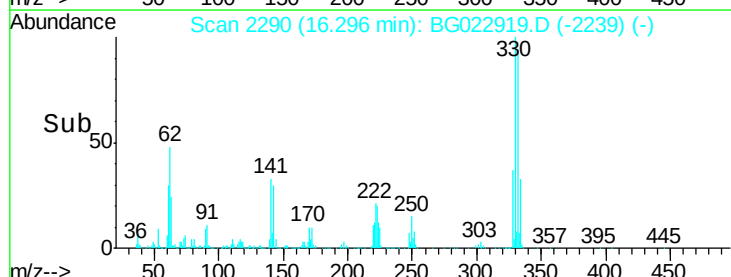
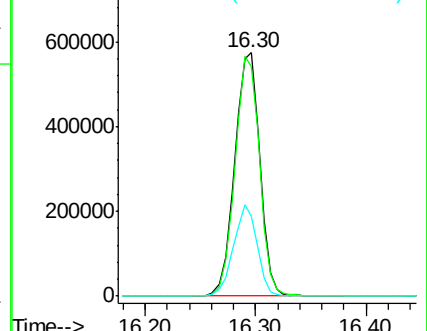
141 35.2 31.7 47.5

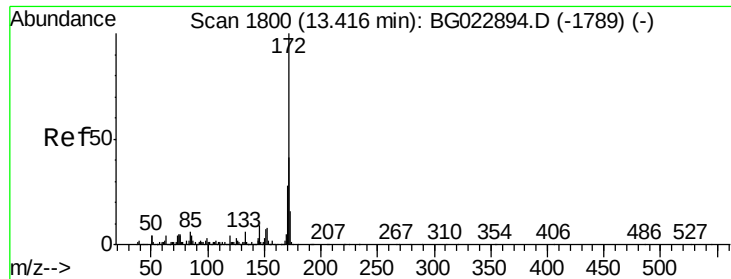


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

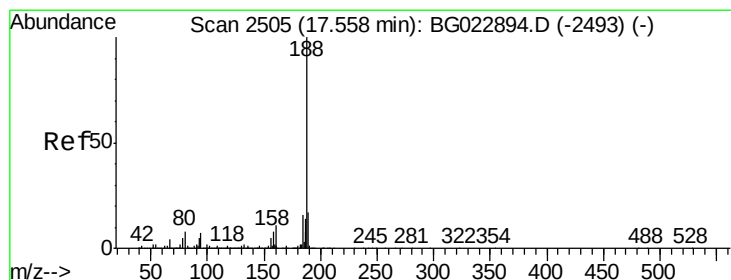
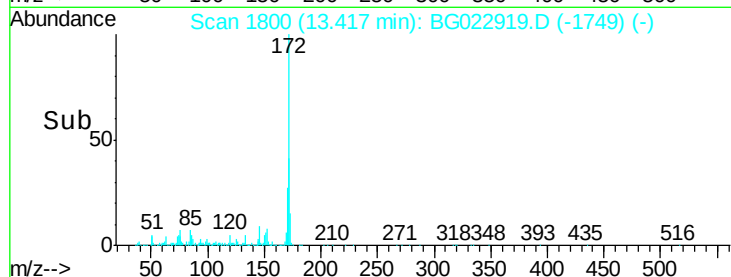
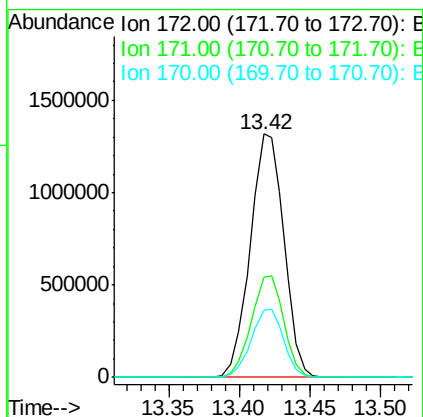
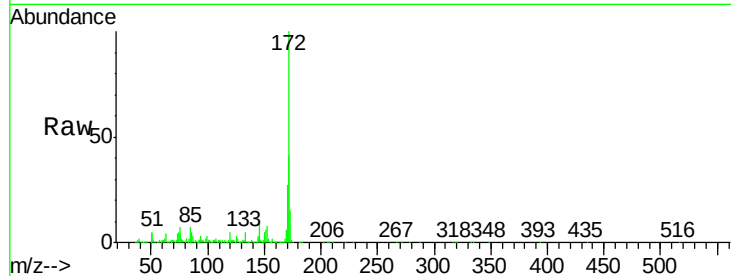




#44
2-Fluorobiphenyl
Concen: 84.70 ng
RT: 13.42 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG022919.D
Acq: 8 Jul 2016 6:45

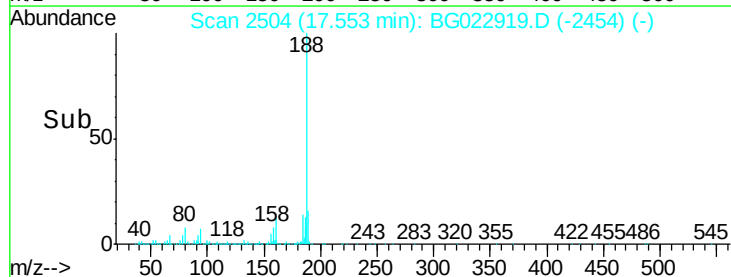
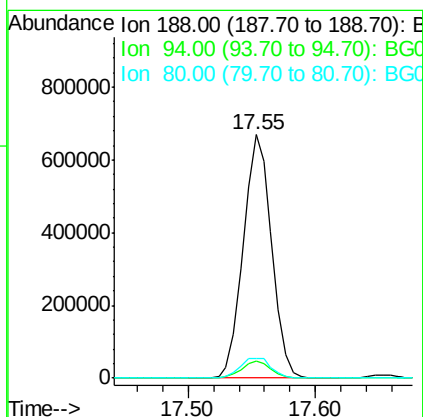
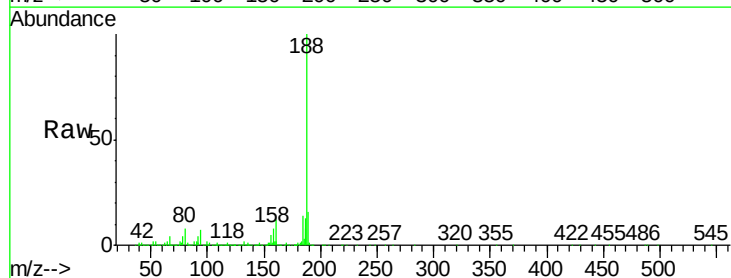
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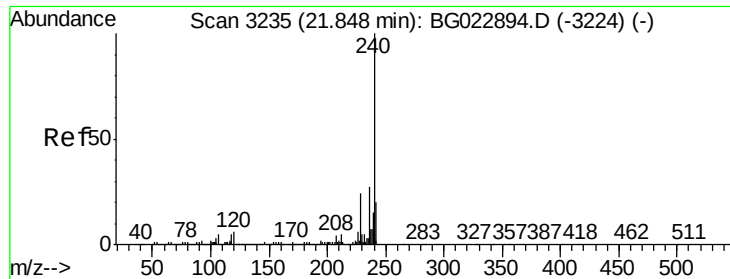
Tgt Ion:172 Resp: 2204980
Ion Ratio Lower Upper
172 100
171 41.3 31.6 47.4
170 27.4 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022919.D
Acq: 8 Jul 2016 6:45

Tgt Ion:188 Resp: 1032386
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 8.2 7.2 10.8

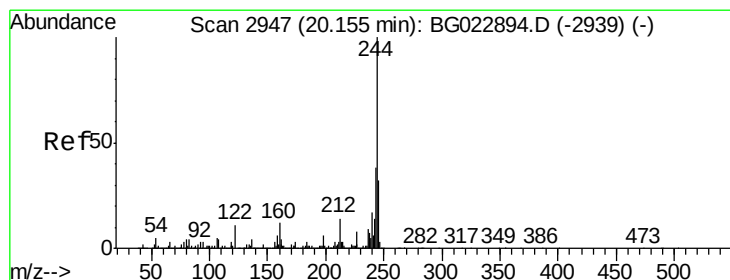
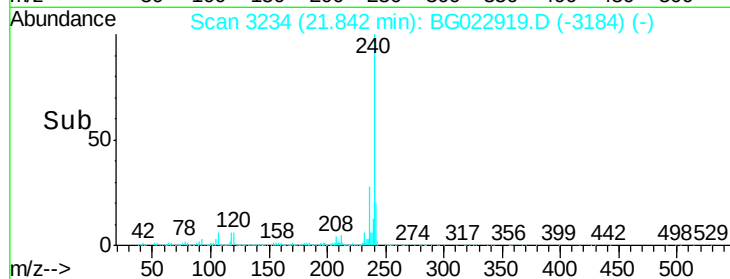
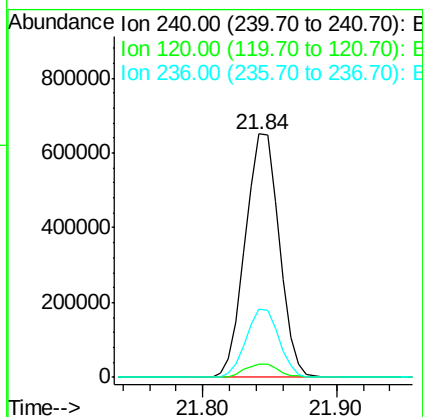
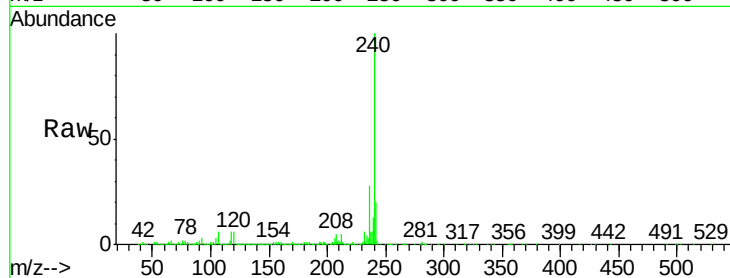




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BG022919.D
Acq: 8 Jul 2016 6:45

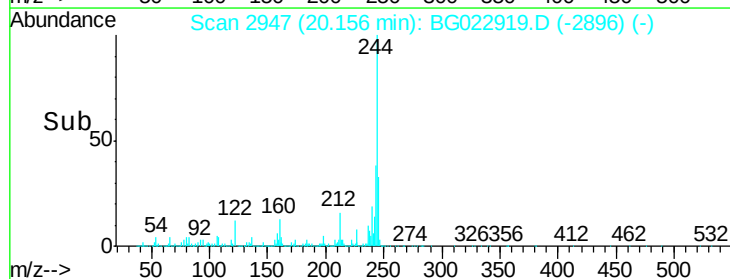
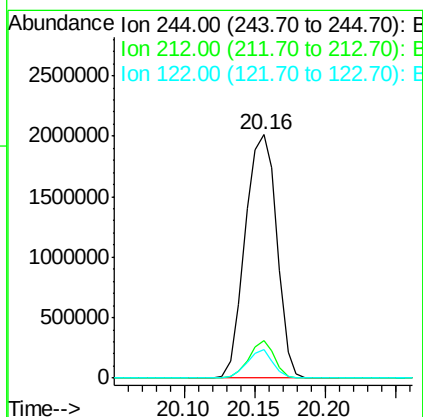
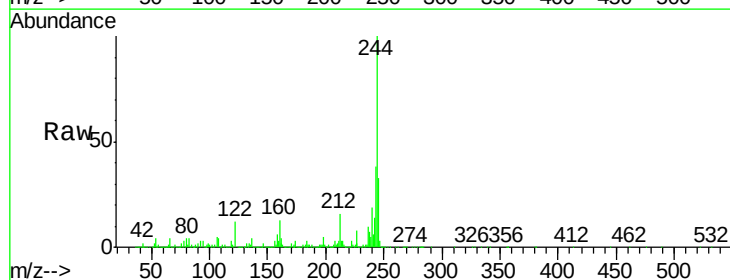
Instrument :
BNA_G
ClientSampleId :
DUP-1

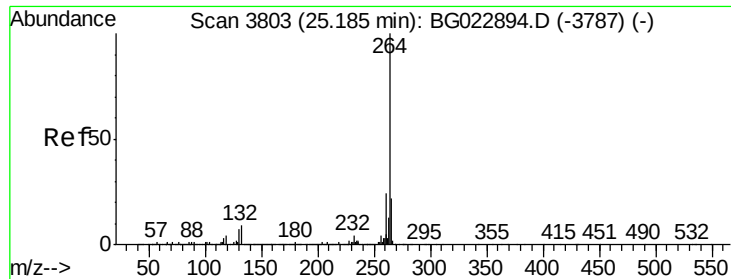
Tgt Ion:240 Resp: 1139137
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 28.0 21.1 31.7



#78
Terphenyl-d14
Concen: 89.94 ng
RT: 20.16 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG022919.D
Acq: 8 Jul 2016 6:45

Tgt Ion:244 Resp: 3159650
Ion Ratio Lower Upper
244 100
212 15.6 10.8 16.2
122 11.7 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3805
Delta R.T. 0.01 min
Lab File: BG022919.D
Acq: 8 Jul 2016 6:45

Instrument :
BNA_G
ClientSampleId :
DUP-1

Tgt Ion:264 Resp: 1163690

Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.4	27.6
265	22.1	18.9	28.3

