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 Data File : BG032896.D
 Acq On : 28 Feb 2018 20:28
 Operator : SJ/JU
 Sample : J1699-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B8

Quant Time: Mar 01 02:35:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

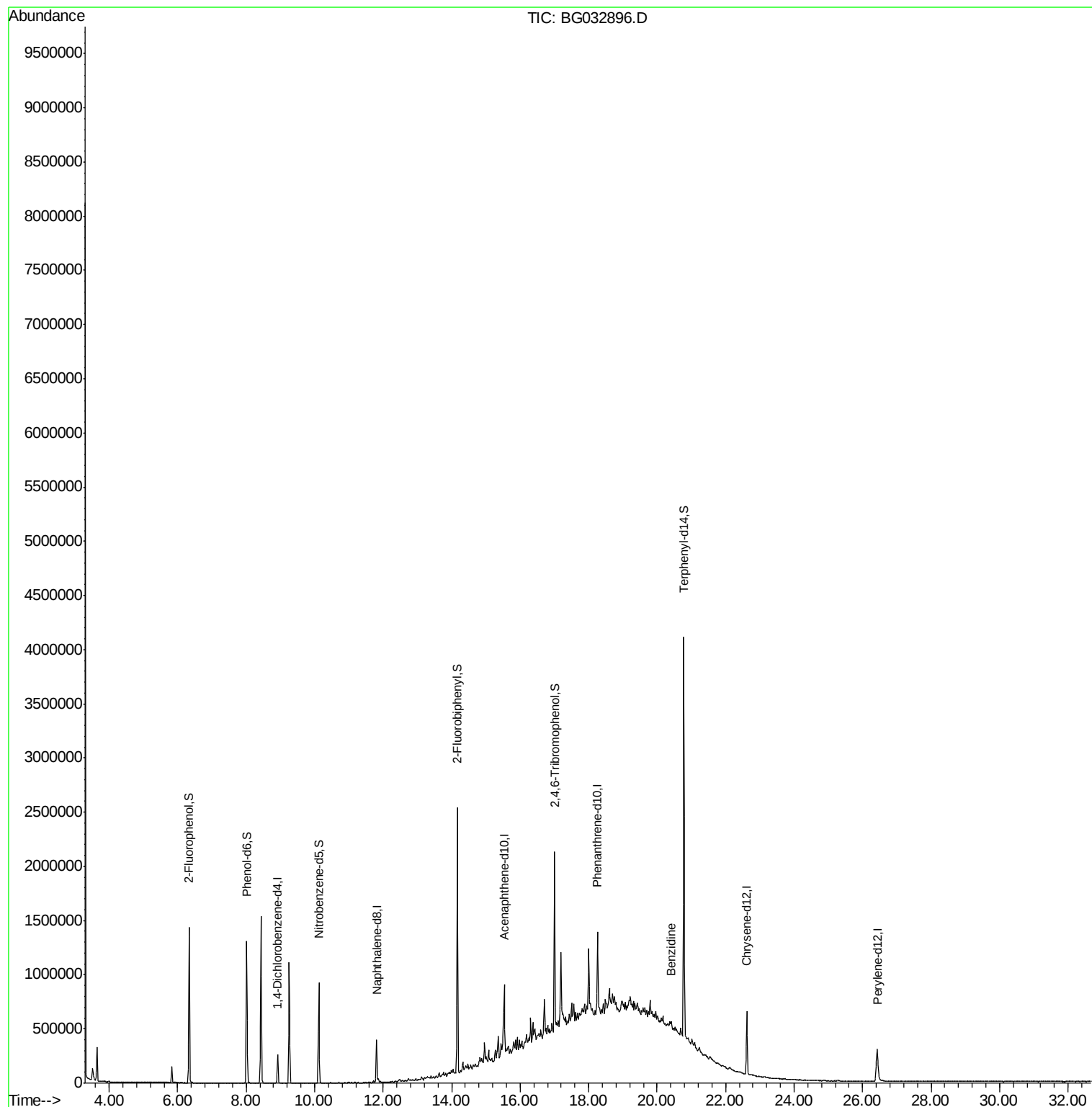
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	80321	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	365498	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	197819	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	412451	20.00	ng	0.00
75) Chrysene-d12	22.62	240	396747	20.00	ng	-0.01
86) Perylene-d12	26.43	264	408529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	688586	137.15	ng	0.00
7) Phenol-d6	8.01	99	832559	118.97	ng	0.00
23) Nitrobenzene-d5	10.12	82	582809	107.66	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	299417	143.95	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1256771	91.63	ng	0.00
78) Terphenyl-d14	20.78	244	1655454	93.75	ng	0.00
Target Compounds						
76) Benzidine	20.41	184	36263	2.681	ng	Qvalue # 82

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

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Quant Time: Mar 01 02:35:59 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



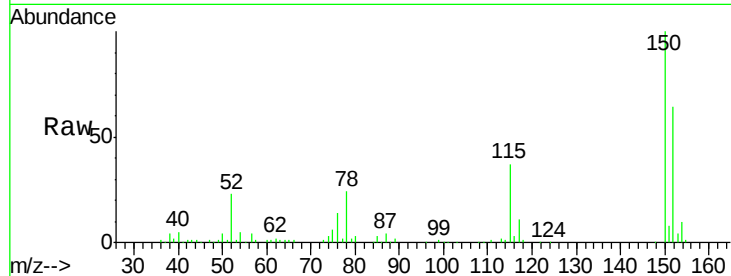


#1

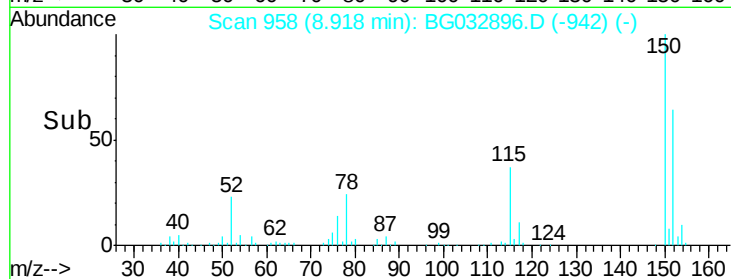
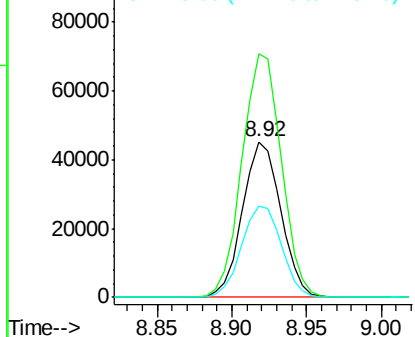
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032896.D
Acq: 28 Feb 2018 20:28

Instrument :
BNA_G
ClientSampled :
B8

Tot Ion:152 Resp: 80321
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 58.4 53.0 79.4



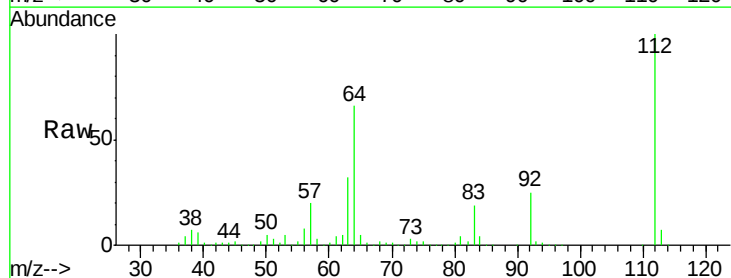
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



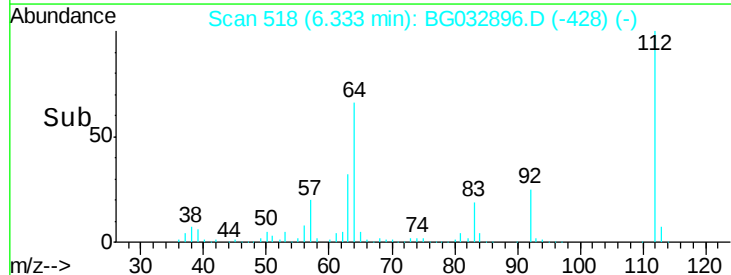
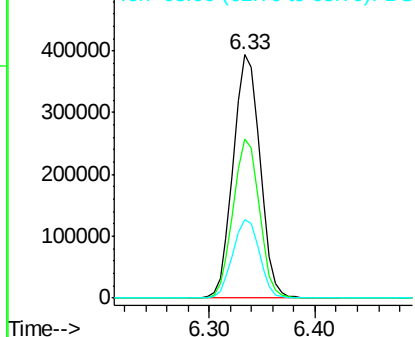
#5

2-Fluorophenol
Concen: 137.154 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032896.D
Acq: 28 Feb 2018 20:28

Tgt Ion:112 Resp: 688586
Ion Ratio Lower Upper
112 100
64 65.5 56.3 84.5
63 32.4 30.1 45.1



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: 118.973 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032896.D

Acq: 28 Feb 2018 20:28

Instrument :

BNA_G

ClientSampleId :

B8

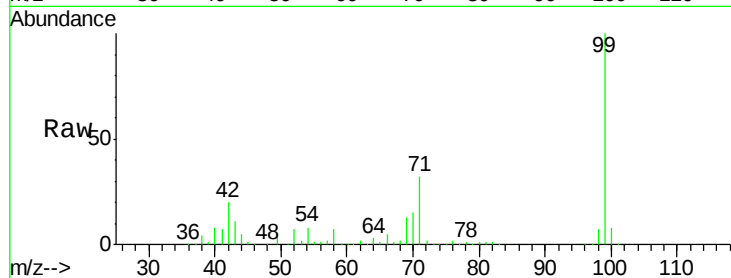
Tot Ion: 99 Resp: 832559

Ion Ratio Lower Upper

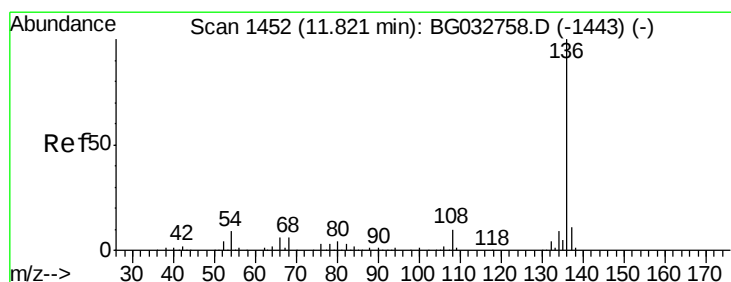
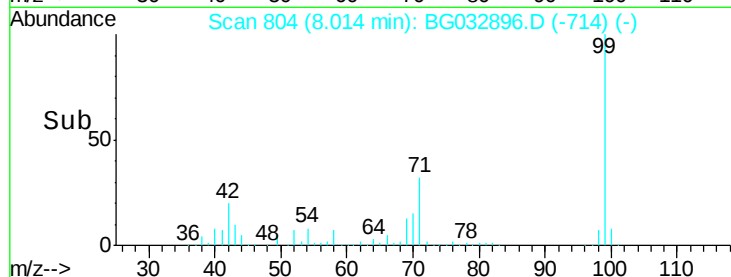
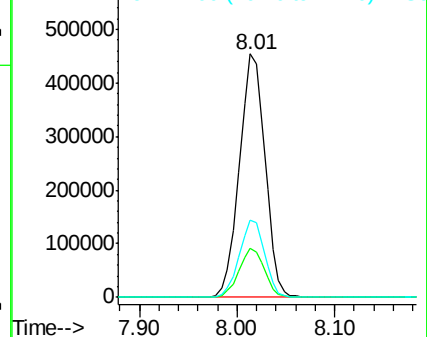
99 100

42 20.0 14.1 21.1

71 31.8 26.1 39.1



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: 20.000 ng

RT: 11.81 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG032896.D

Acq: 28 Feb 2018 20:28

Tgt Ion: 136 Resp: 365498

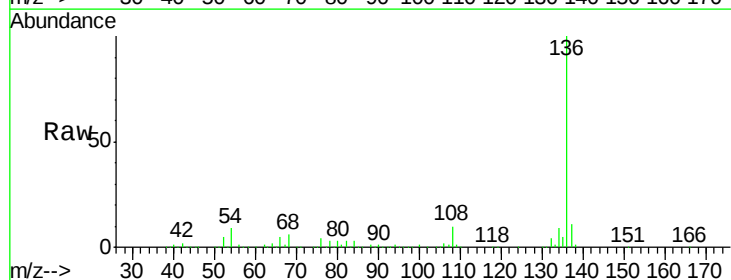
Ion Ratio Lower Upper

136 100

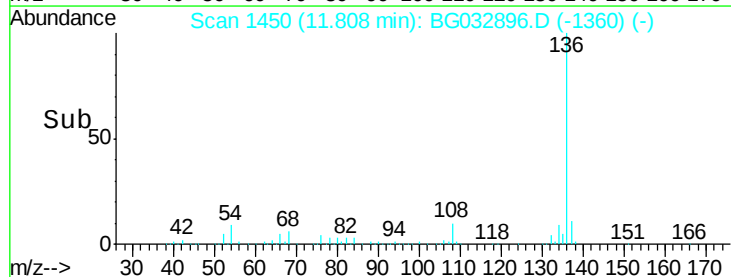
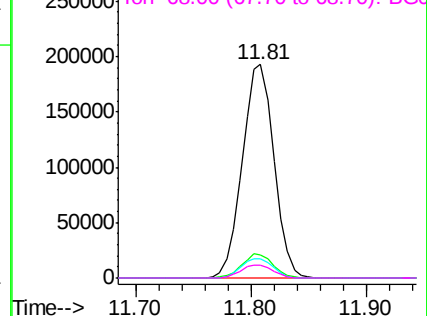
137 10.6 9.2 13.8

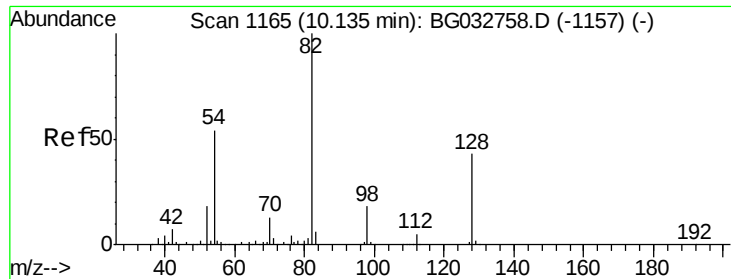
54 9.1 10.3 15.5#

68 6.2 4.5 6.7



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

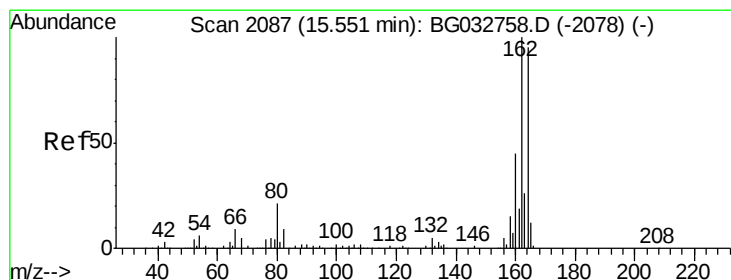
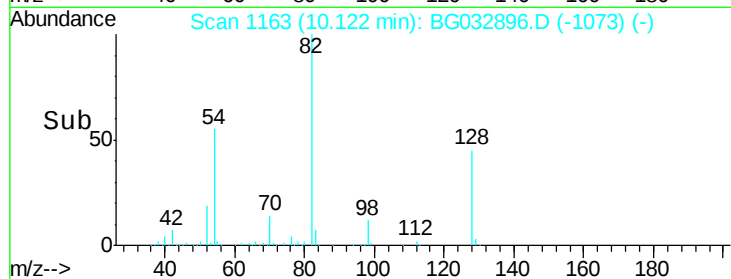
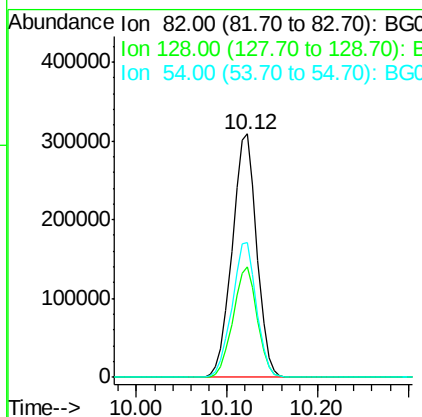
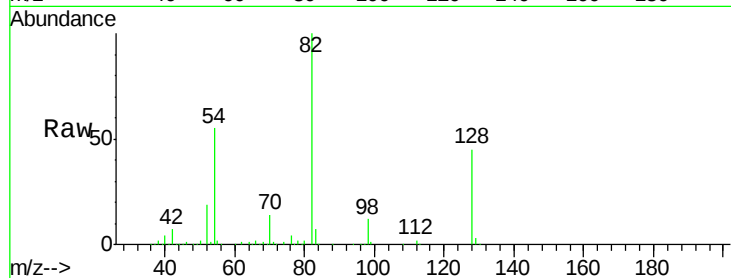




#23
Nitrobenzene-d5
Concen: 107.663 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032896.D
Acq: 28 Feb 2018 20:28

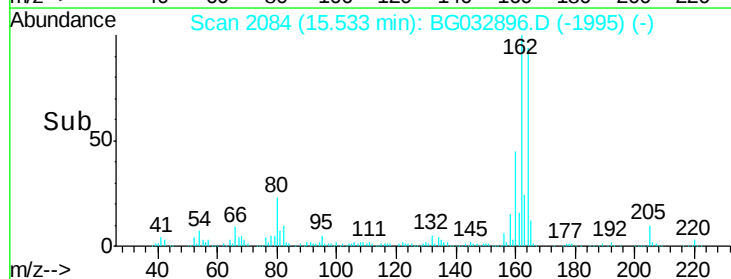
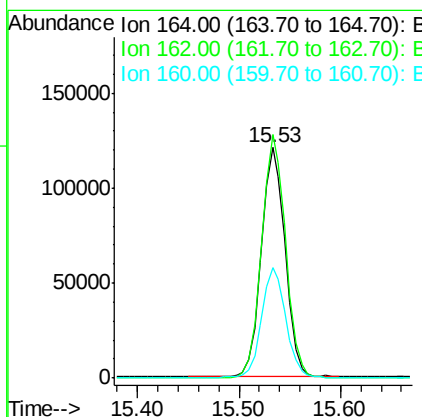
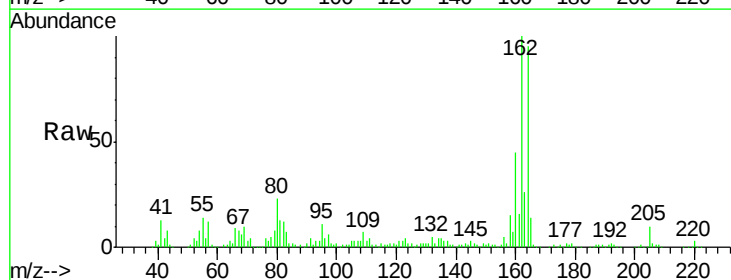
Instrument :
BNA_G
ClientSampled :
B8

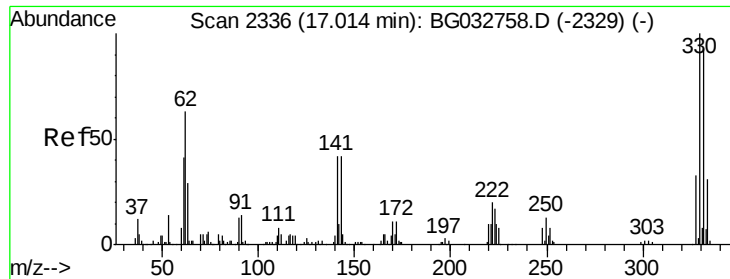
Tot Ion	82	Resp	582809
Ion Ratio	100	Lower	Upper
128	45.4	29.7	44.5#
54	55.4	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032896.D
Acq: 28 Feb 2018 20:28

Tgt Ion	164	Resp	197819
Ion Ratio	100	Lower	Upper
162	105.7	78.8	118.2
160	47.8	35.4	53.0

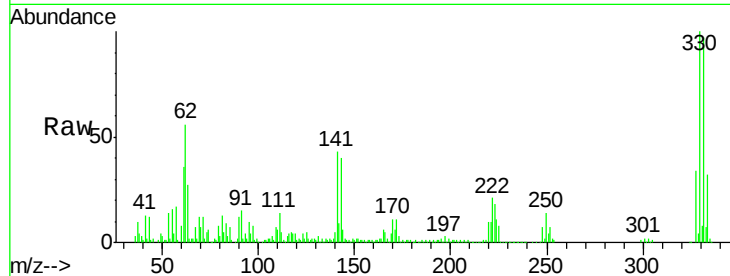




#41
 2,4,6-Tribromophenol
 Concen: 143.951 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032896.D
 Acq: 28 Feb 2018 20:28

Instrument :
 BNA_G
 ClientSampled :
 B8

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	42.9	25.2	37.8#

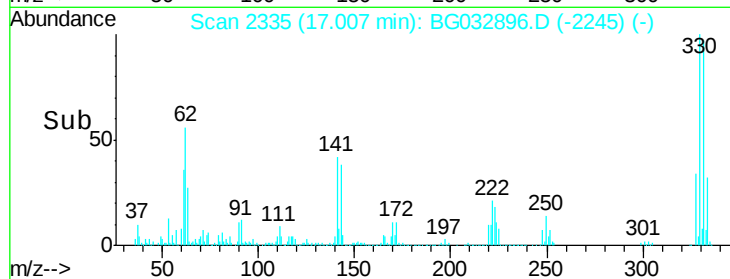
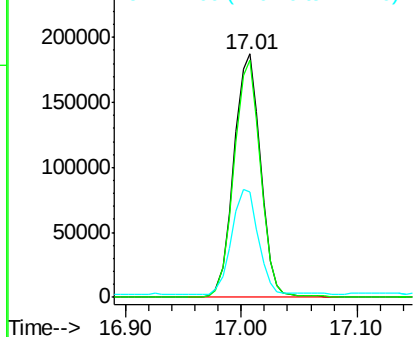


Abundance

Ion 329.80 (329.50 to 330.50): E

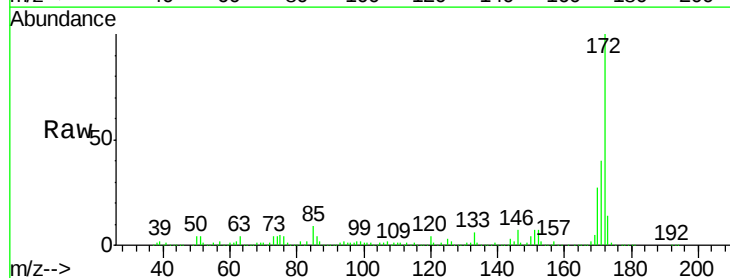
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.628 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032896.D
 Acq: 28 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.4	30.0	45.0
170	26.9	19.5	29.3

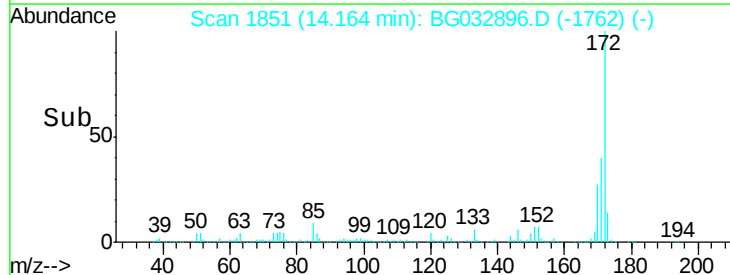
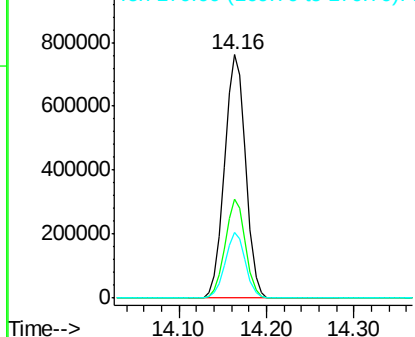


Abundance

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

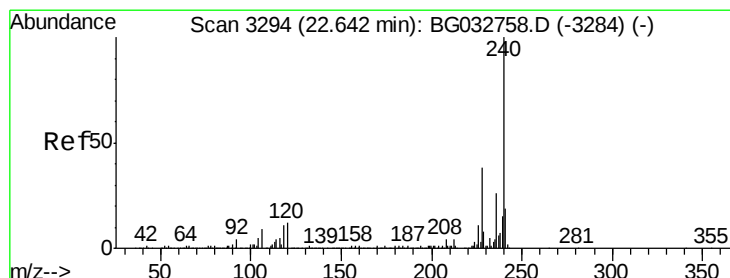
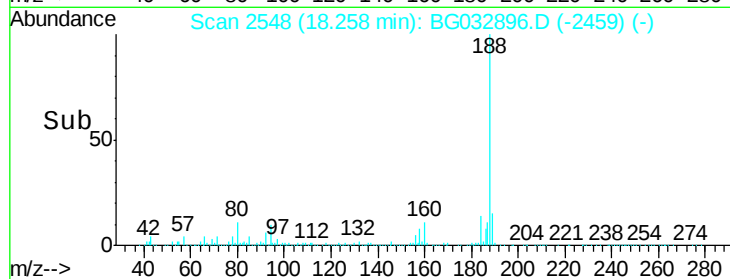
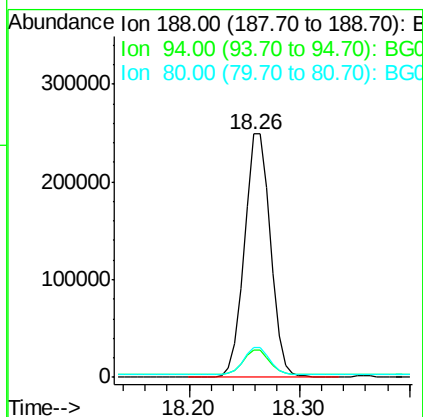
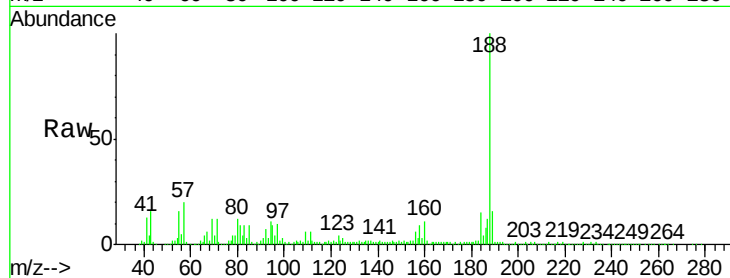




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032896.D
Acq: 28 Feb 2018 20:28

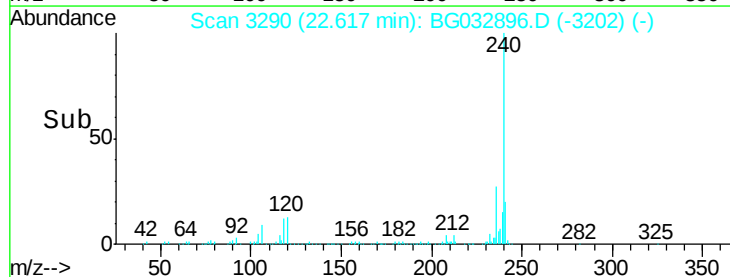
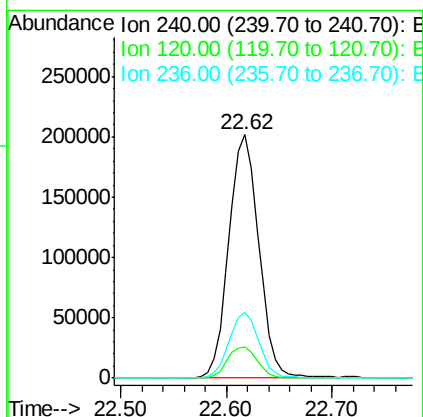
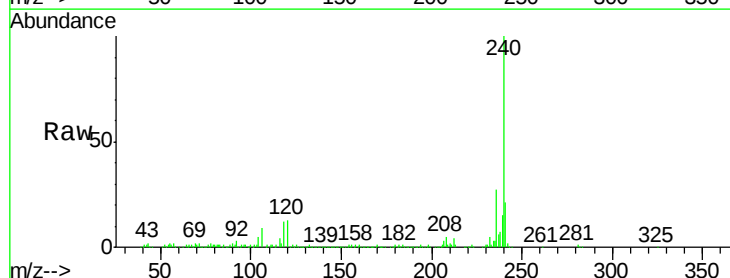
Instrument :
BNA_G
ClientSampleId :
B8

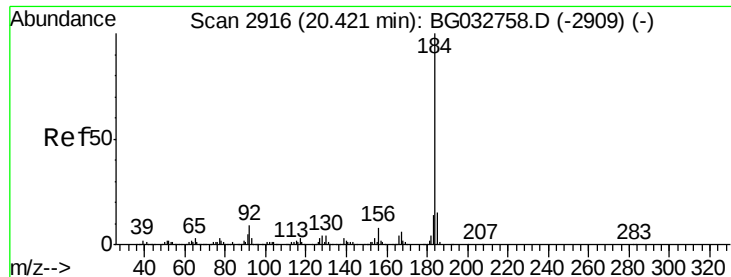
Tot Ion:188 Resp: 412451
Ion Ratio Lower Upper
188 100
94 11.5 6.9 10.3#
80 12.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032896.D
Acq: 28 Feb 2018 20:28

Tgt Ion:240 Resp: 396747
Ion Ratio Lower Upper
240 100
120 12.9 6.8 10.2#
236 27.2 20.9 31.3

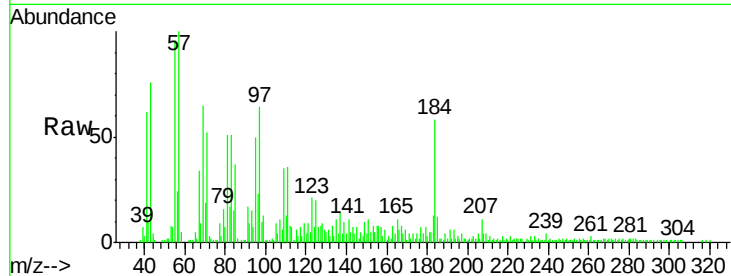




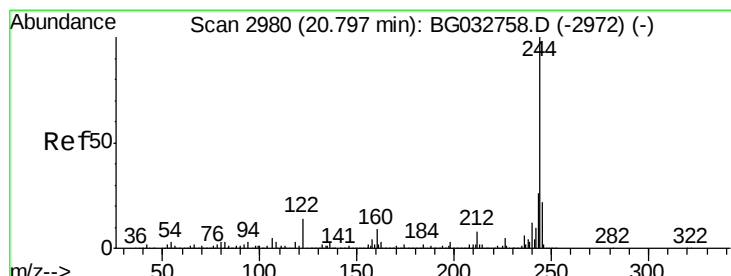
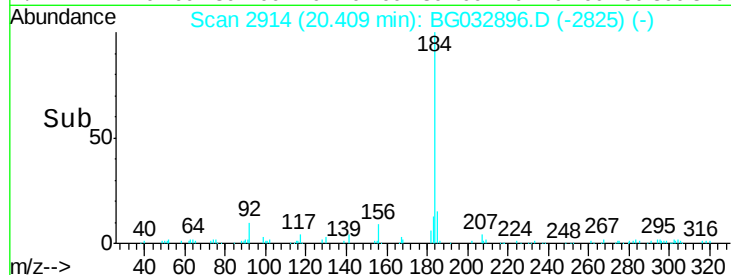
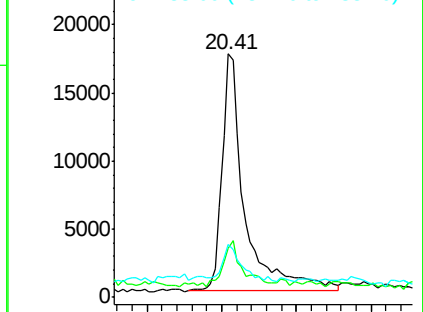
#76
Benzidine
Concen: 2.681 ng
RT: 20.41 min Scan# 2914
Delta R.T. -0.01 min
Lab File: BG032896.D
Acq: 28 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
B8

Tot Ion	Ratio	Lower	Upper
184	100		
185	20.1	11.1	16.7#
183	21.8	10.6	16.0#

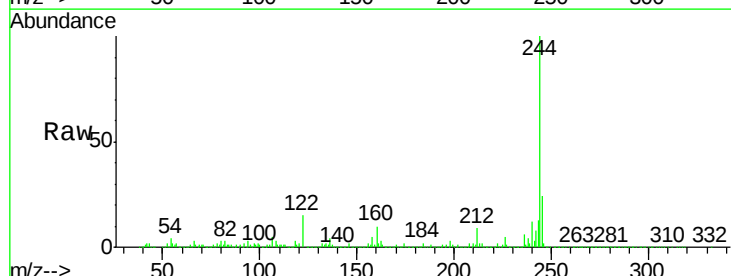


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

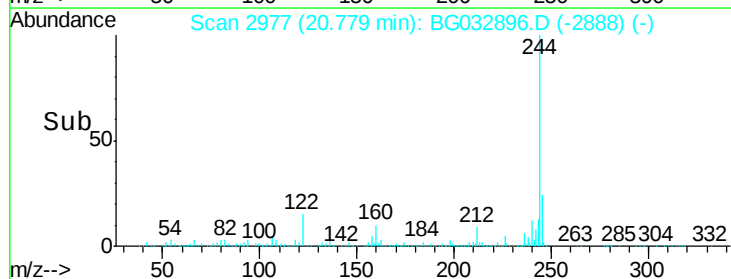
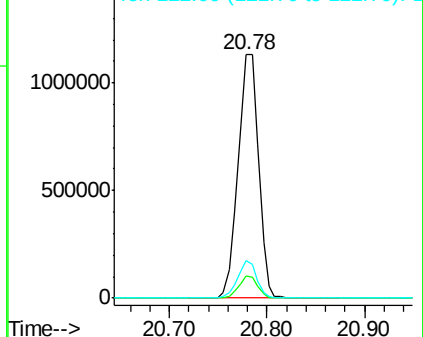


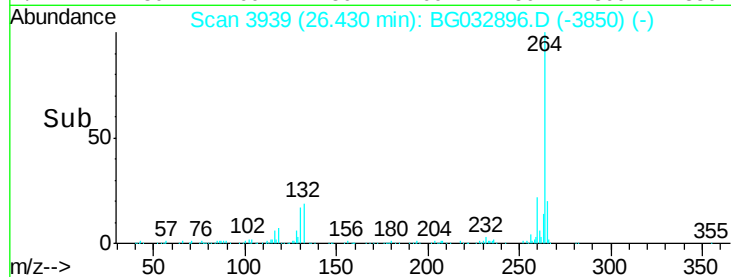
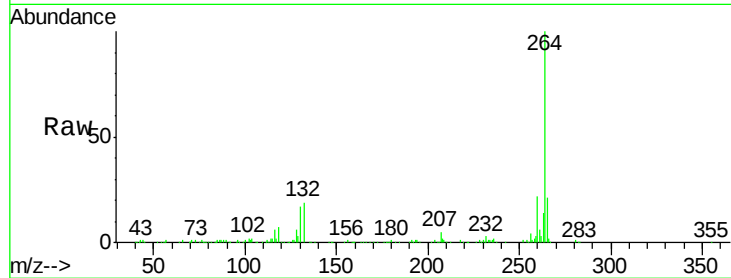
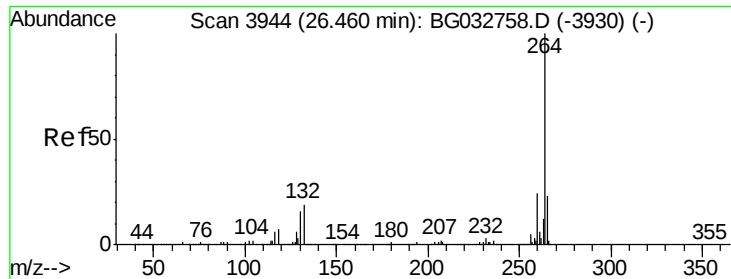
#78
Terphenyl-d14
Concen: 93.746 ng
RT: 20.78 min Scan# 2977
Delta R.T. -0.01 min
Lab File: BG032896.D
Acq: 28 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	15.4	7.0	10.4#



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: 20.000 ng

RT: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032896.D

Acq: 28 Feb 2018 20:28

Instrument :

BNA_G

ClientSampleId :

B8

Tot Ion:264 Resp: 408529

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 20.5 17.7 26.5

