

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032299.D
 Acq On : 25 Jan 2018 18:40
 Operator : SJ/JU
 Sample : J1281-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-A

Quant Time: Jan 26 02:12:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

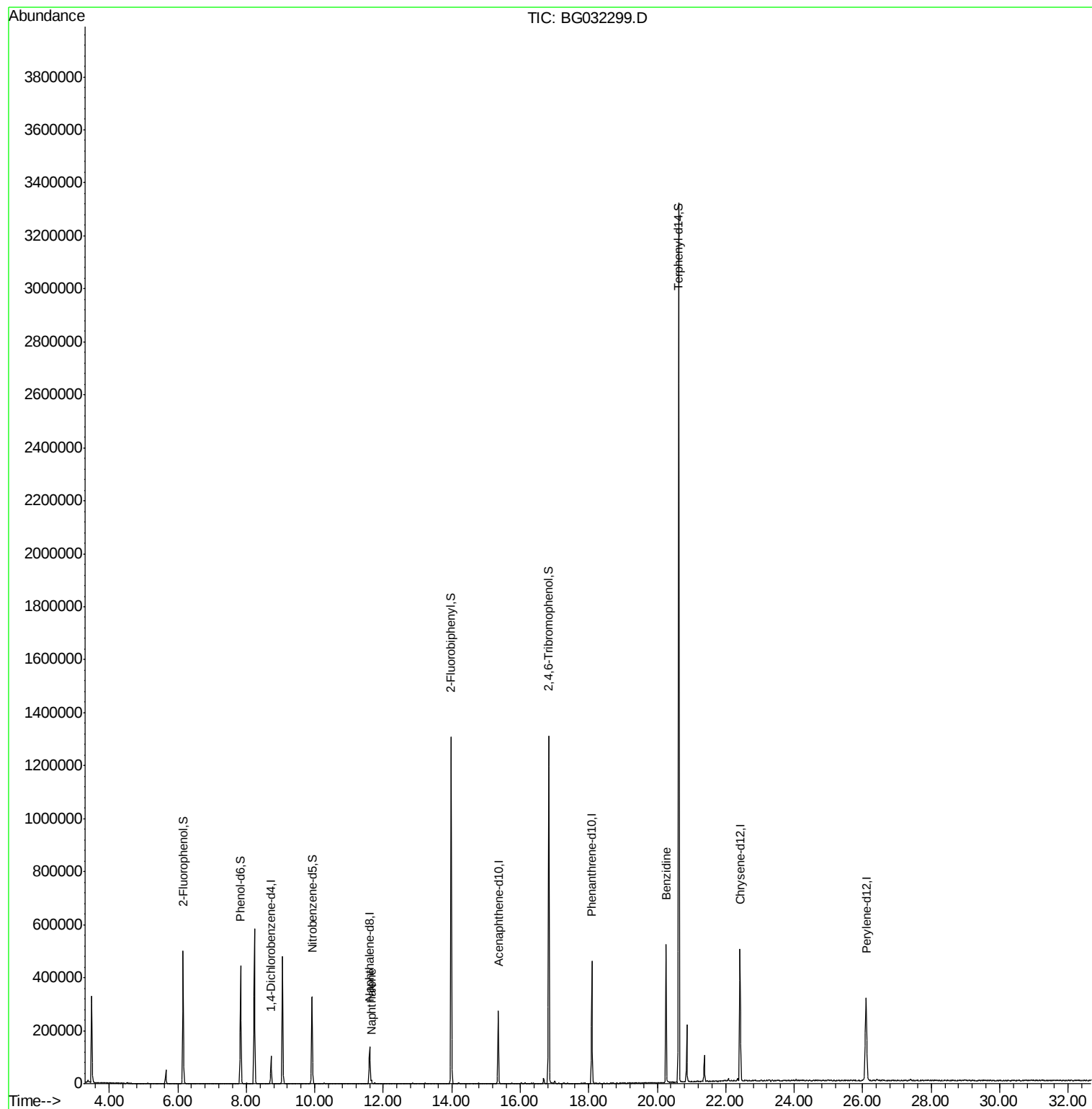
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	34060	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	137360	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	103899	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	313388	20.00	ng	0.00
75) Chrysene-d12	22.42	240	387755	20.00	ng	0.00
86) Perylene-d12	26.10	264	414531	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	237568	127.57	ng	0.00
7) Phenol-d6	7.84	99	268844	114.62	ng	0.00
23) Nitrobenzene-d5	9.92	82	207500	102.20	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	301734	175.50	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	779227	92.99	ng	0.00
78) Terphenyl-d14	20.63	244	1675154	95.39	ng	0.00
Target Compounds						
31) Naphthalene	11.66	128	14916	2.192	ng	99
76) Benzidine	20.26	184	320907	33.096	ng	99

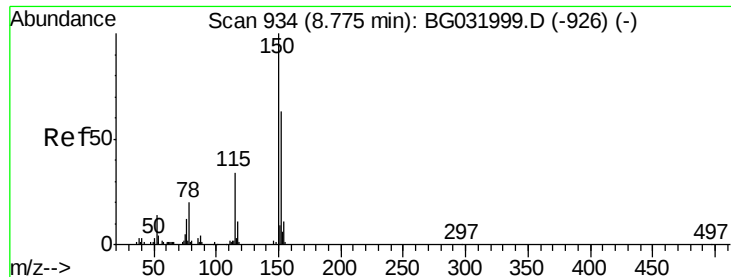
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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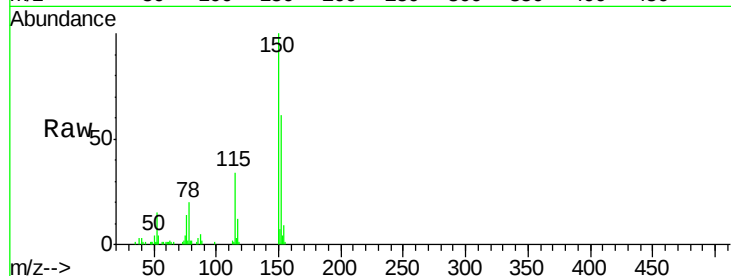


#1

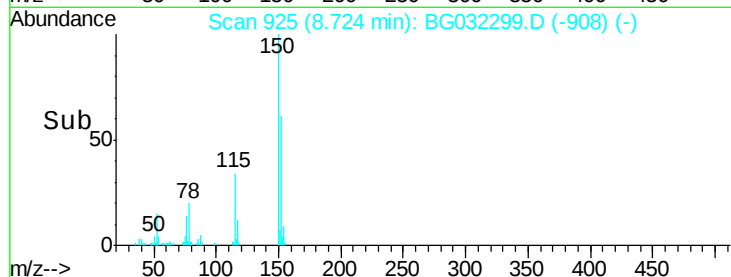
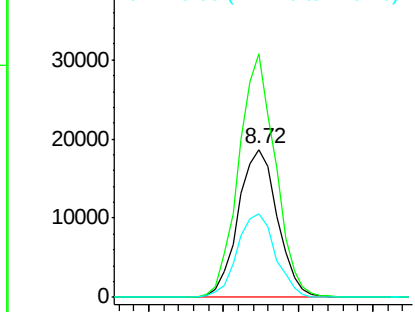
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :
SP-A

Tot Ion:152 Resp: 34060
Ion Ratio Lower Upper
152 100
150 164.4 126.6 189.8
115 56.6 53.0 79.4



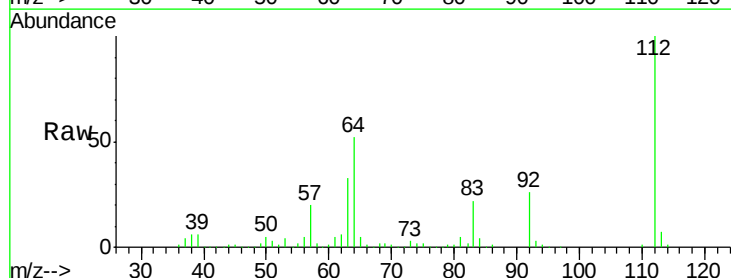
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



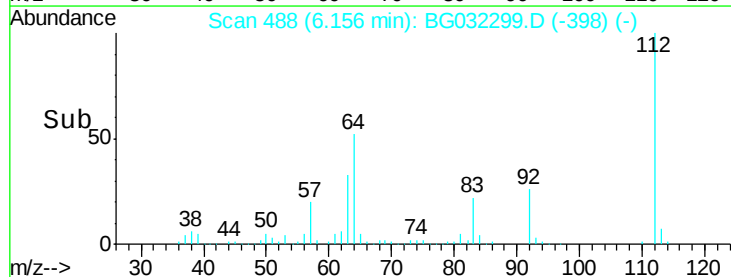
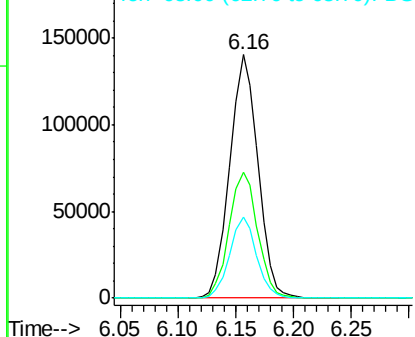
#5

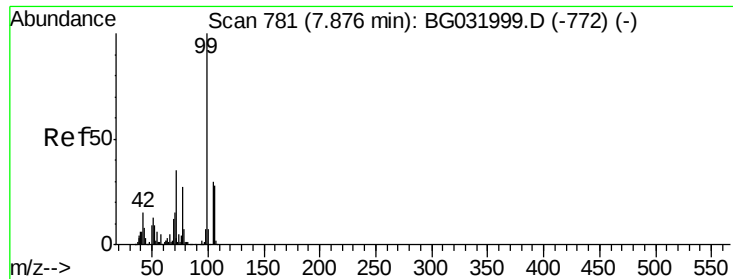
2-Fluorophenol
Concen: 127.568 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion:112 Resp: 237568
Ion Ratio Lower Upper
112 100
64 51.8 56.3 84.5#
63 33.4 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: 114.624 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032299.D

Acq: 25 Jan 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SP-A

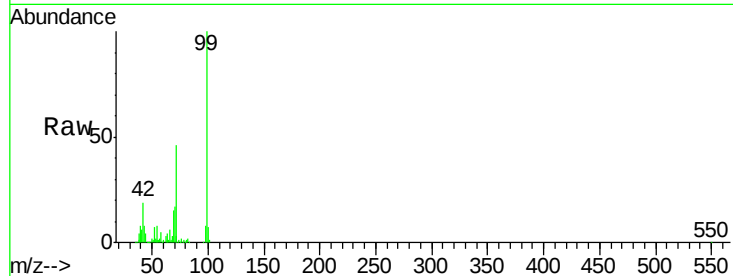
Tot Ion: 99 Resp: 268844

Ion Ratio Lower Upper

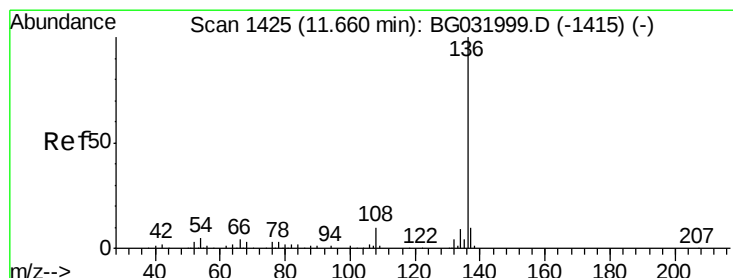
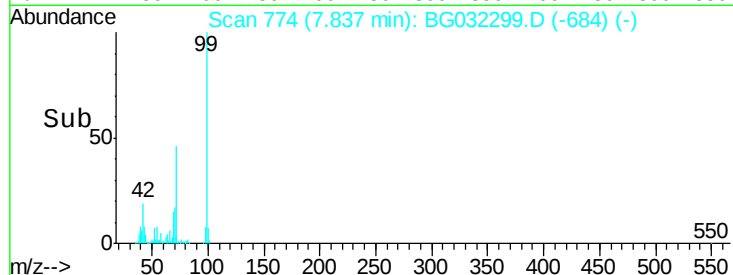
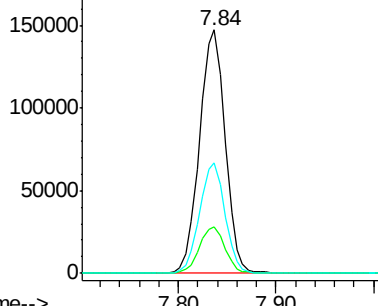
99 100

42 19.2 14.1 21.1

71 45.6 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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032299.D

Acq: 25 Jan 2018 18:40

Tgt Ion: 136 Resp: 137360

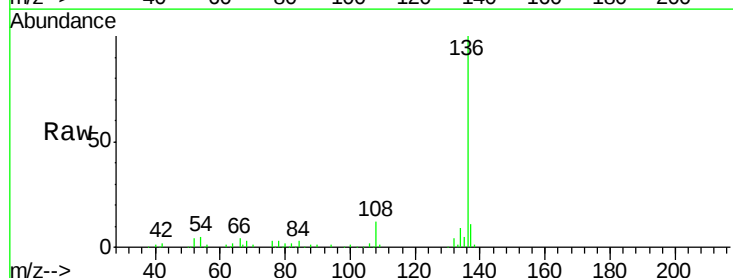
Ion Ratio Lower Upper

136 100

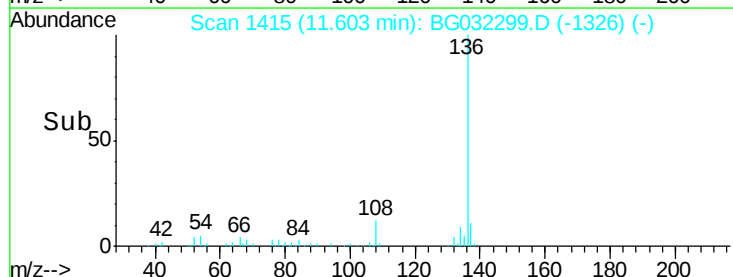
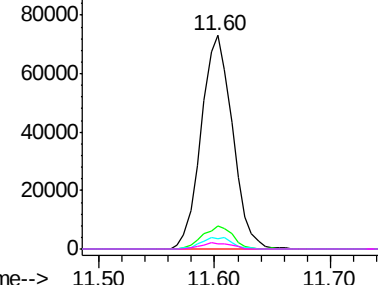
137 10.5 9.2 13.8

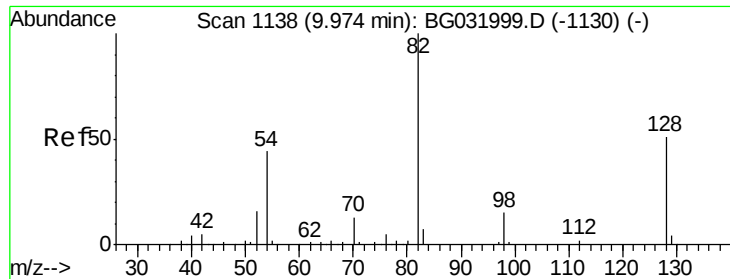
54 4.7 10.3 15.5#

68 2.6 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

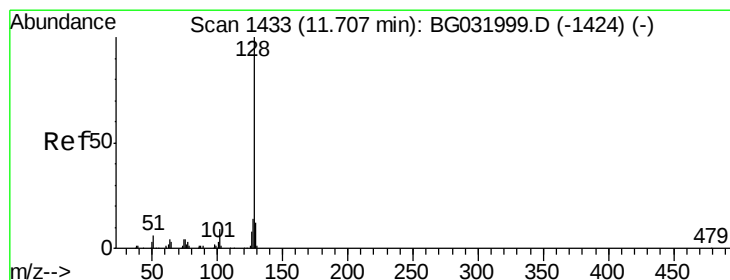
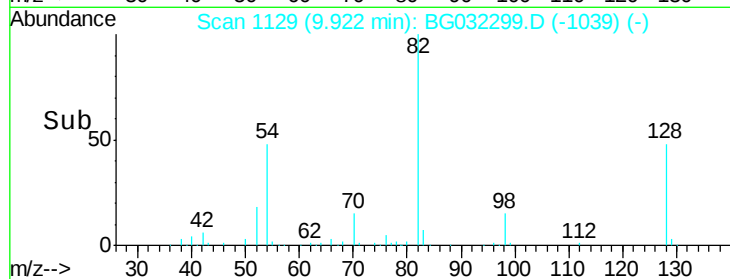
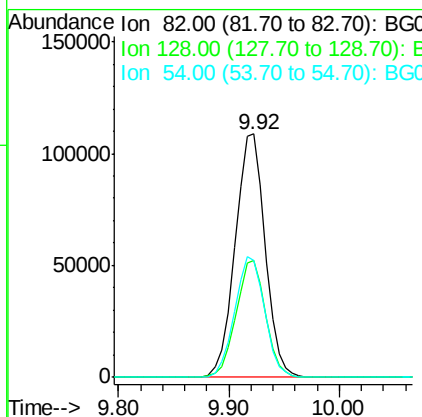
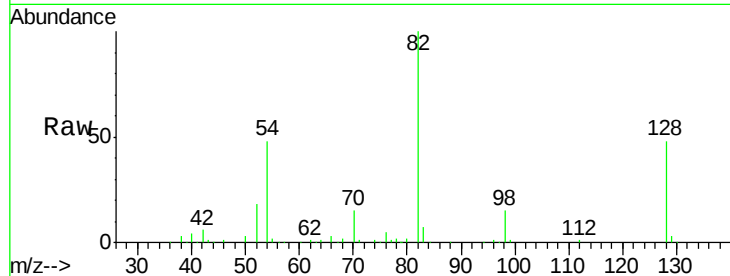




#23
 Nitrobenzene-d5
 Concen: 102.201 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BG032299.D
 Acq: 25 Jan 2018 18:40

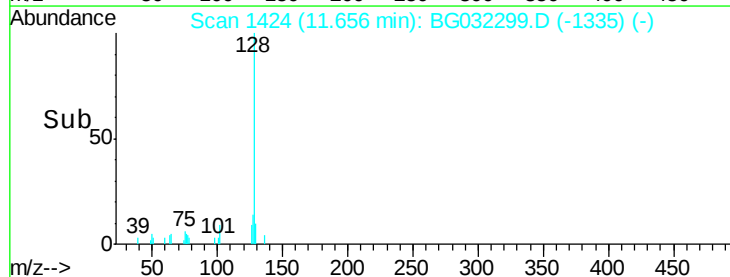
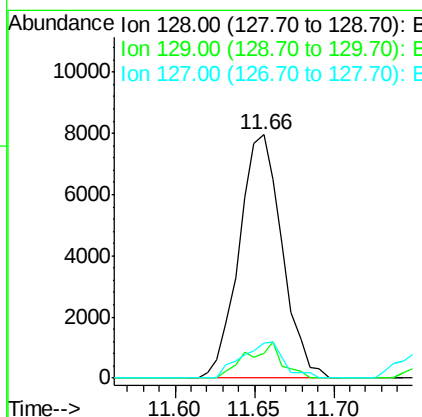
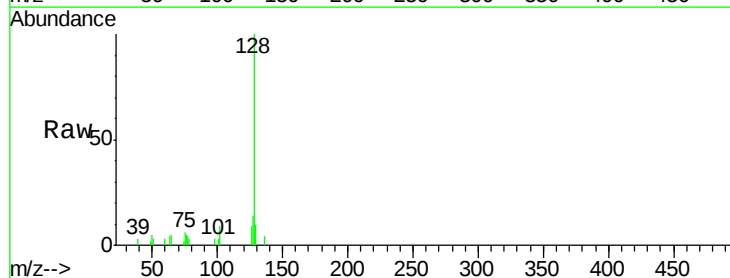
Instrument :
 BNA_G
 ClientSampled :
 SP-A

Tot Ion: 82 Resp: 207500
 Ion Ratio Lower Upper
 82 100
 128 47.9 29.7 44.5#
 54 48.3 43.1 64.7



#31
 Naphthalene
 Concen: 2.192 ng
 RT: 11.66 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BG032299.D
 Acq: 25 Jan 2018 18:40

Tgt Ion:128 Resp: 14916
 Ion Ratio Lower Upper
 128 100
 129 10.3 8.6 12.8
 127 14.2 11.6 17.4

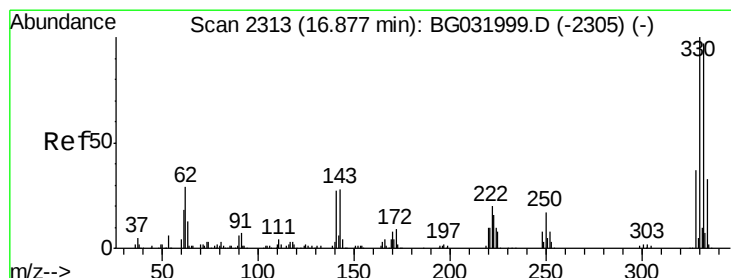
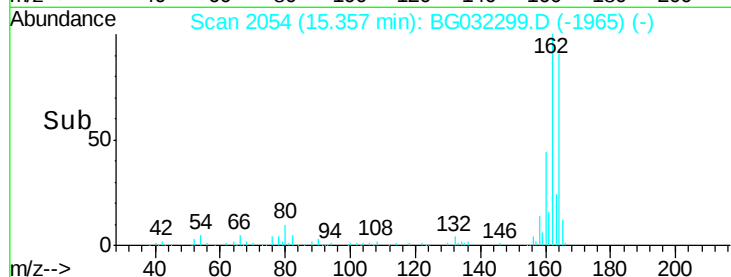
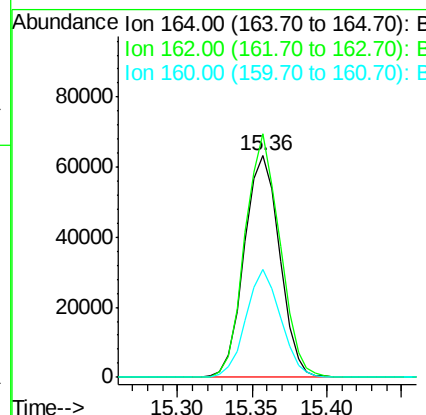
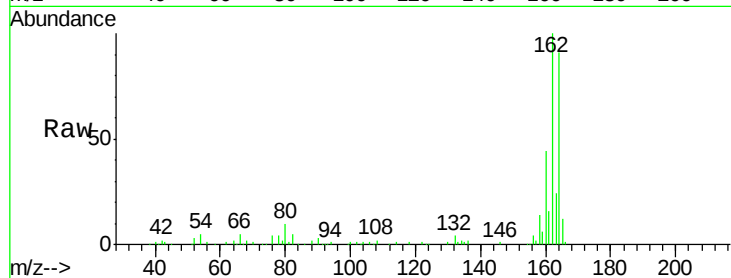




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

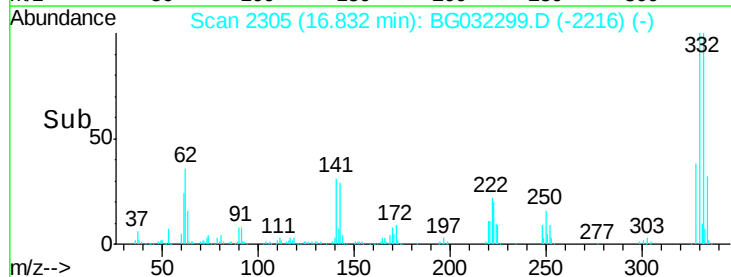
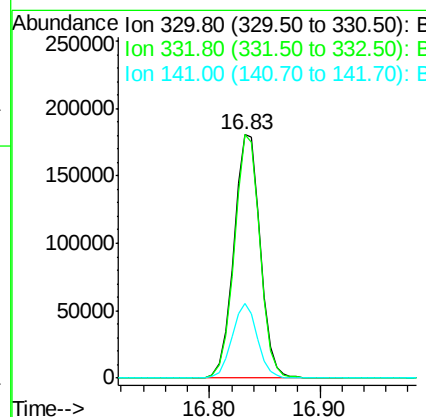
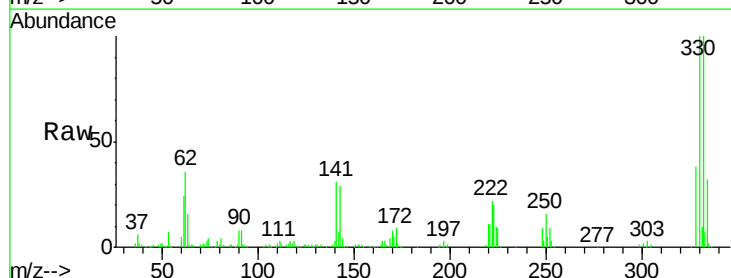
Instrument :
BNA_G
ClientSampleId :
SP-A

Tot Ion:164 Resp: 103899
Ion Ratio Lower Upper
164 100
162 109.9 78.8 118.2
160 48.6 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 175.500 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion:330 Resp: 301734
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 29.2 25.2 37.8

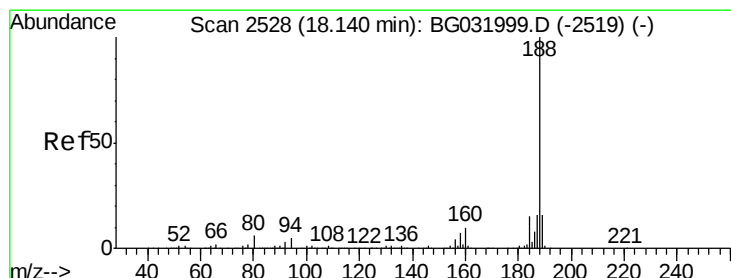
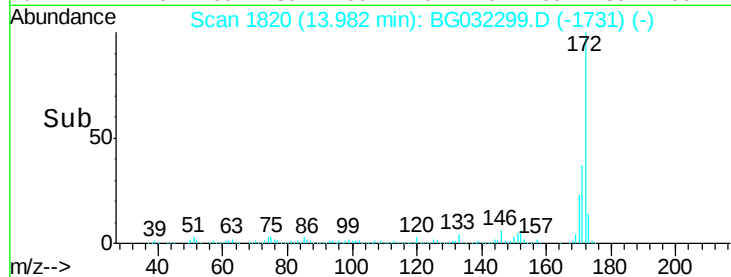
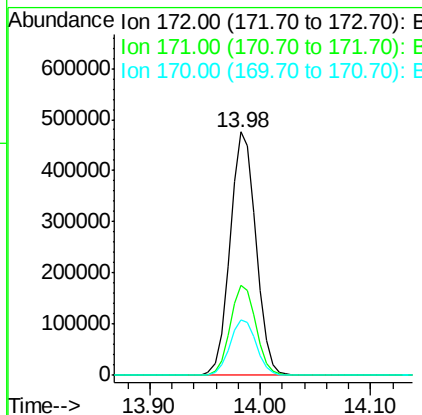
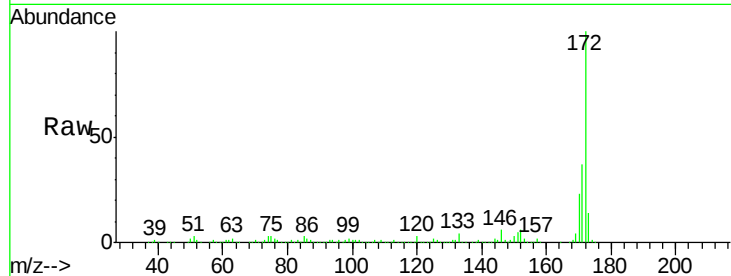




#44
 2-Fluorobiphenyl
 Concen: 92.994 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032299.D
 Acq: 25 Jan 2018 18:40

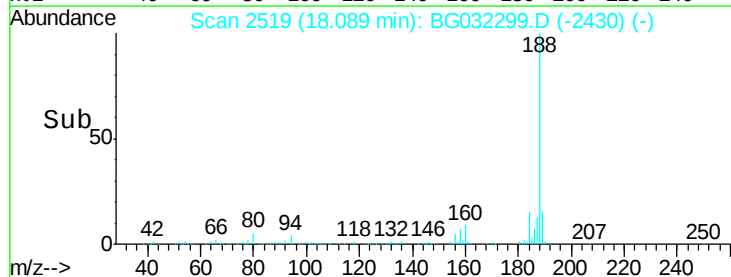
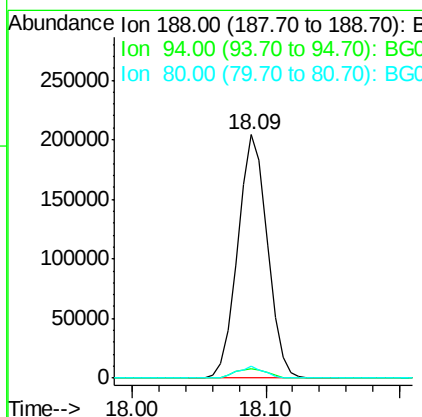
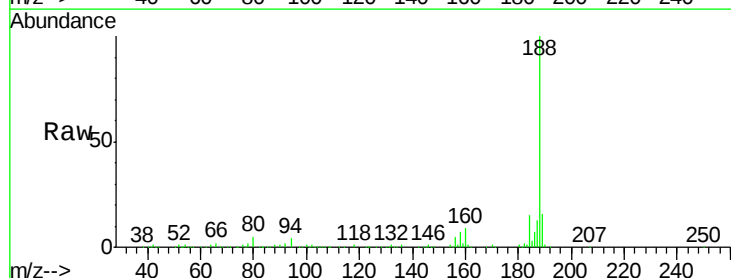
Instrument :
 BNA_G
 ClientSampleId :
 SP-A

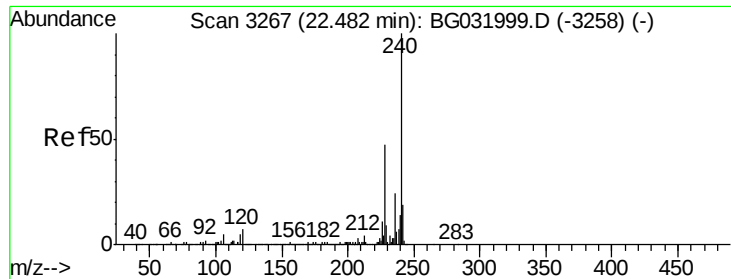
Tot Ion:172 Resp: 779227
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 22.8 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BG032299.D
 Acq: 25 Jan 2018 18:40

Tgt Ion:188 Resp: 313388
 Ion Ratio Lower Upper
 188 100
 94 3.7 6.9 10.3#
 80 4.7 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032299.D

Acq: 25 Jan 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SP-A

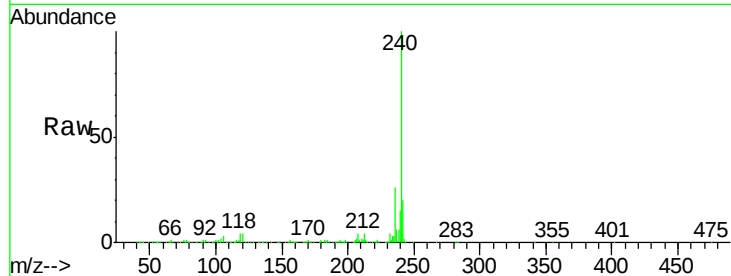
Tot Ion:240 Resp: 387755

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

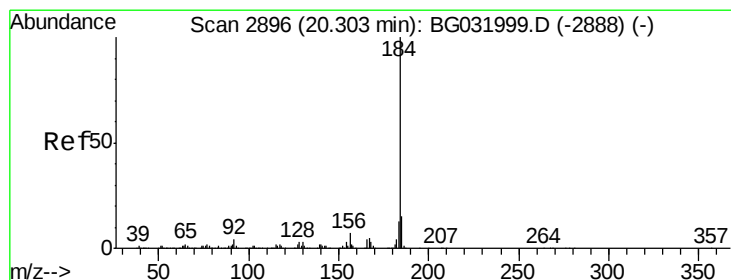
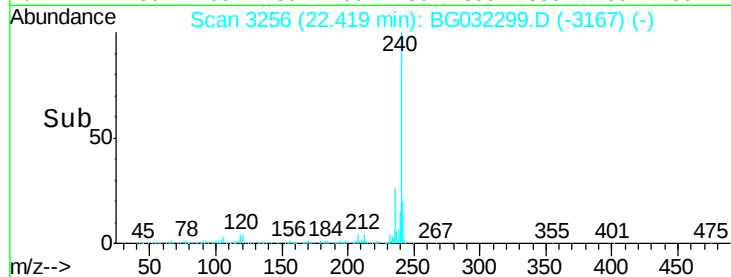
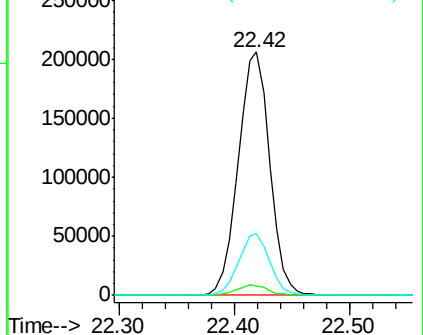
236 25.6 20.9 31.3



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



#76

Benzidine

Concen: 33.096 ng

RT: 20.26 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BG032299.D

Acq: 25 Jan 2018 18:40

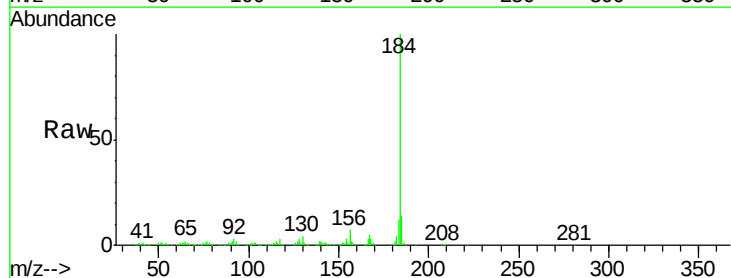
Tgt Ion:184 Resp: 320907

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

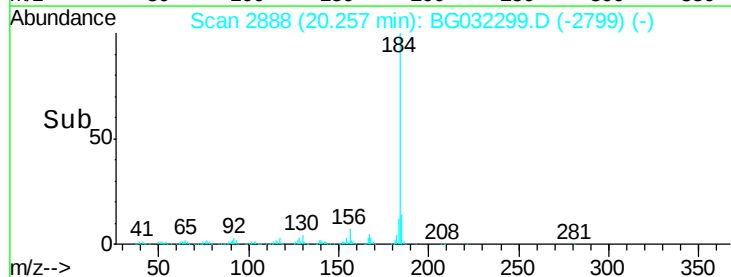
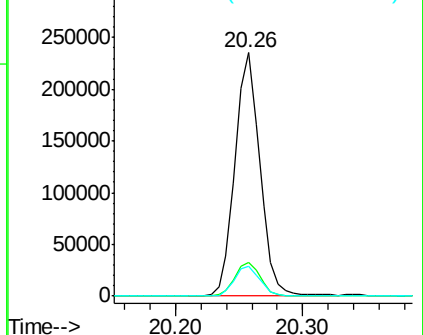
183 12.4 10.6 16.0

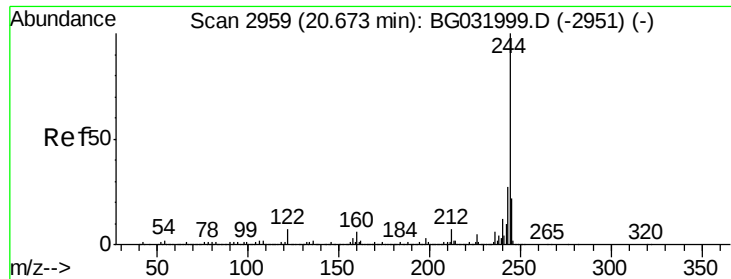


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 95.390 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032299.D

Acq: 25 Jan 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SP-A

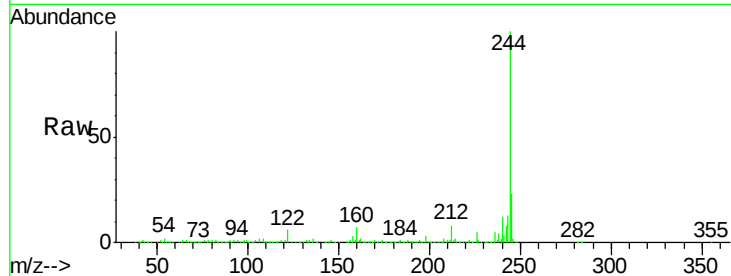
Tot Ion:244 Resp: 1675154

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

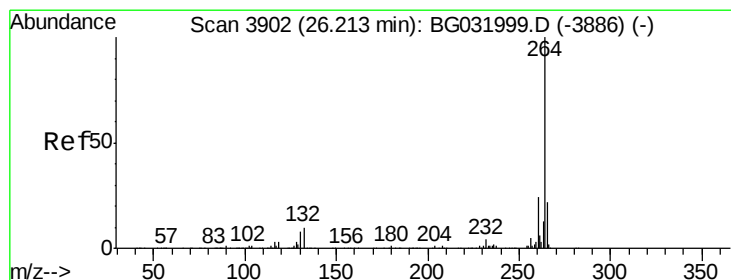
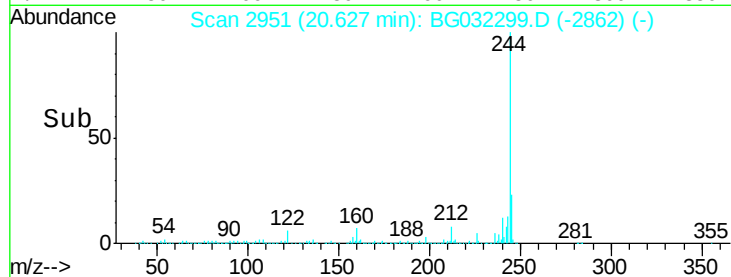
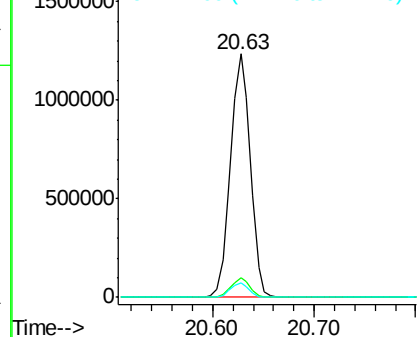
122 6.1 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.10 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BG032299.D

Acq: 25 Jan 2018 18:40

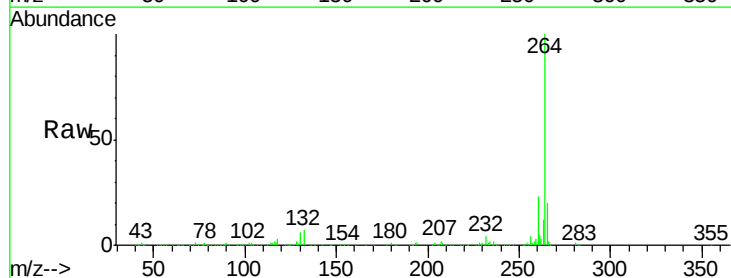
Tgt Ion:264 Resp: 414531

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 19.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

