

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032378.D
 Acq On : 28 Jan 2018 5:37
 Operator : SJ/JU
 Sample : J1325-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-4632

Quant Time: Jan 29 02:42:44 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

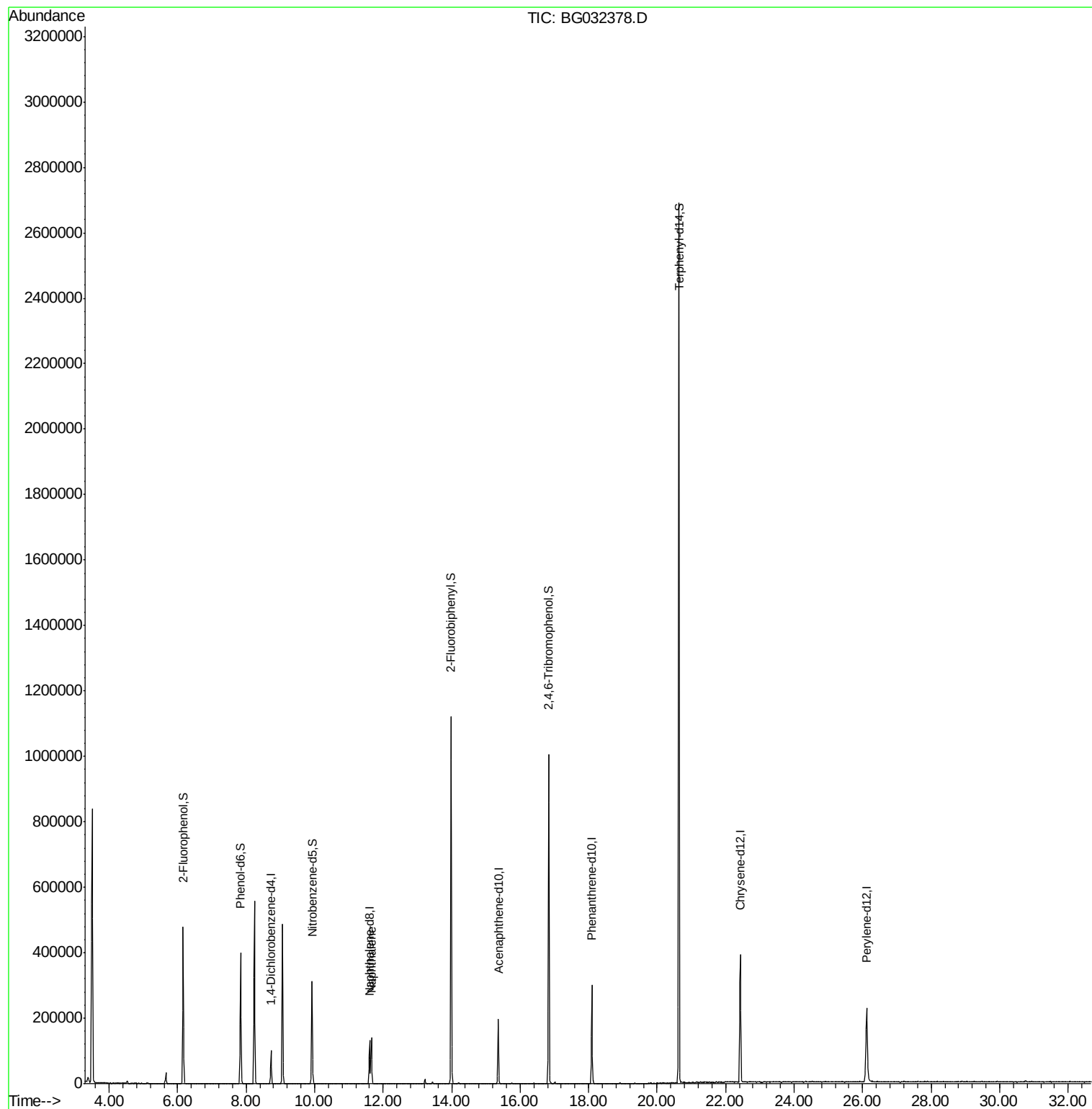
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	31755	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	118404	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	77860	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	210350	20.00	ng	0.00
75) Chrysene-d12	22.43	240	312593	20.00	ng	0.00
86) Perylene-d12	26.12	264	316655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	226013	130.17	ng	0.00
7) Phenol-d6	7.84	99	237600	108.66	ng	0.00
23) Nitrobenzene-d5	9.92	82	193629	110.64	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	219976	170.74	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	653659	104.10	ng	0.00
78) Terphenyl-d14	20.63	244	1457326	102.94	ng	0.00
Target Compounds						
31) Naphthalene	11.66	128	130001	22.164	ng	Qvalue 99

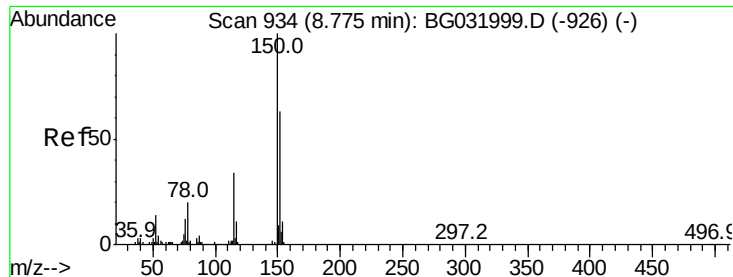
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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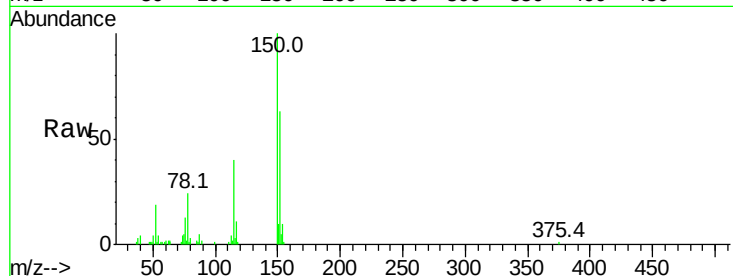


#1

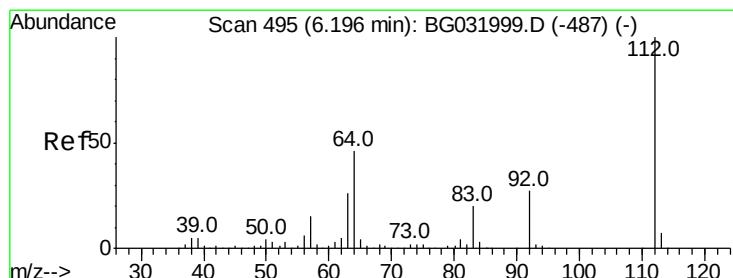
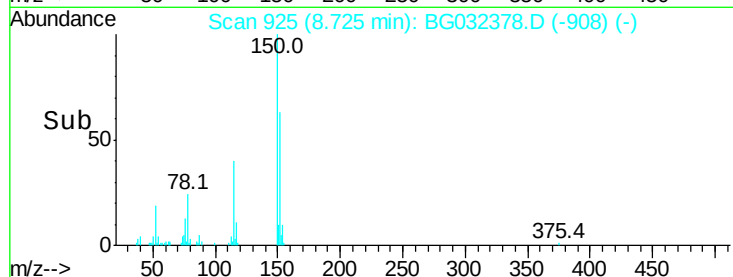
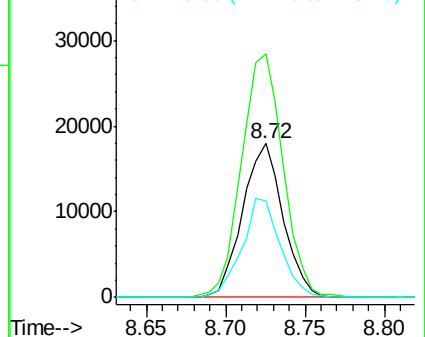
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.72 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BG032378.D
 Acq: 28 Jan 2018 5:37

Instrument :
 BNA_G
 ClientSampleId :
 RO-4632

Tot Ion:152 Resp: 31755
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.6 189.8
 115 63.2 53.0 79.4



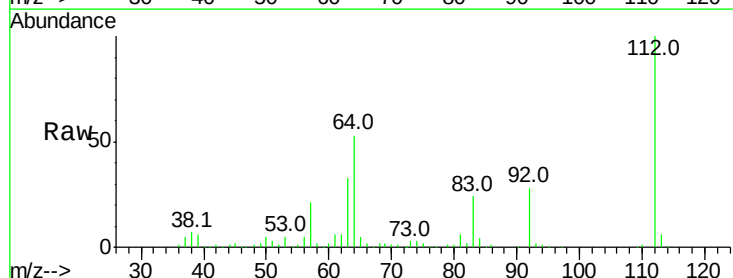
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



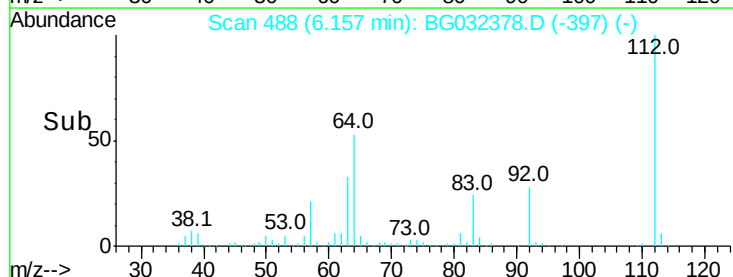
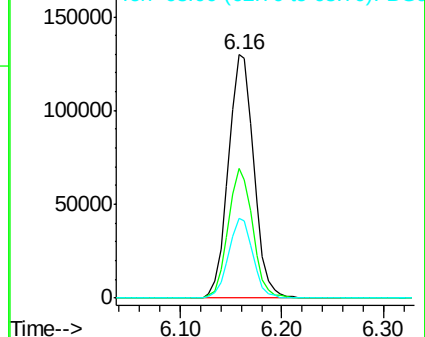
#5

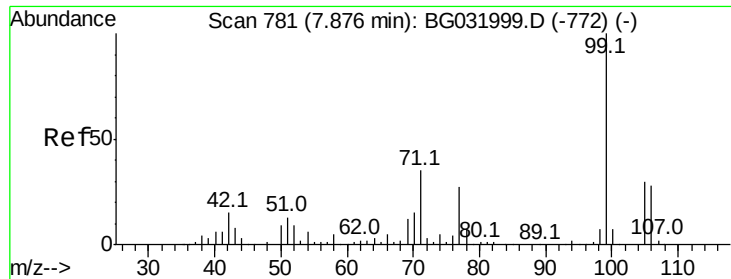
2-Fluorophenol
 Concen: 130.172 ng
 RT: 6.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BG032378.D
 Acq: 28 Jan 2018 5:37

Tgt Ion:112 Resp: 226013
 Ion Ratio Lower Upper
 112 100
 64 53.1 56.3 84.5#
 63 32.9 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: 108.656 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032378.D

Acq: 28 Jan 2018 5:37

Instrument :

BNA_G

ClientSampleId :

RO-4632

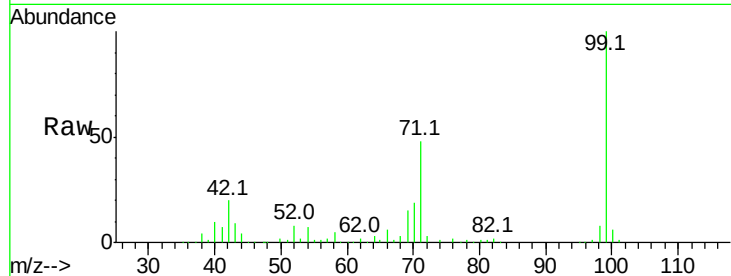
Tot Ion: 99 Resp: 237600

Ion Ratio Lower Upper

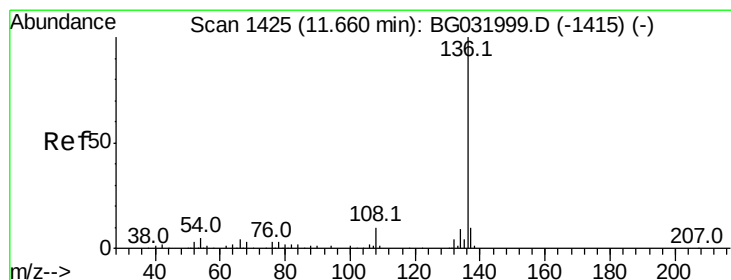
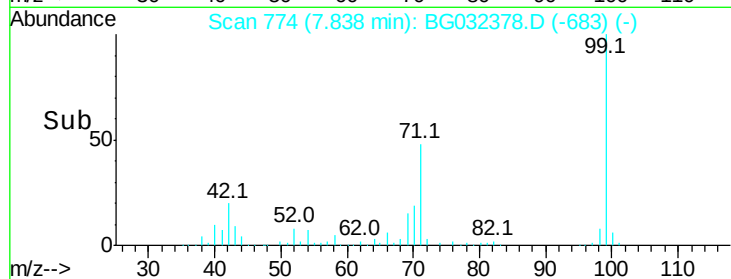
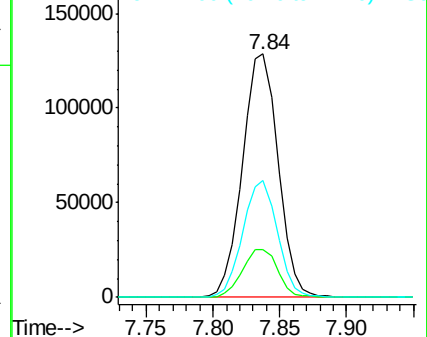
99 100

42 19.7 14.1 21.1

71 48.1 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. -0.00 min

Lab File: BG032378.D

Acq: 28 Jan 2018 5:37

Tgt Ion: 136 Resp: 118404

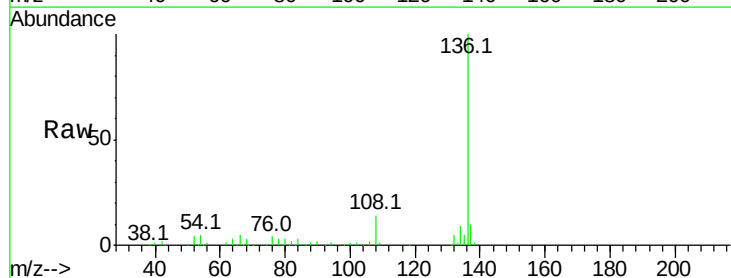
Ion Ratio Lower Upper

136 100

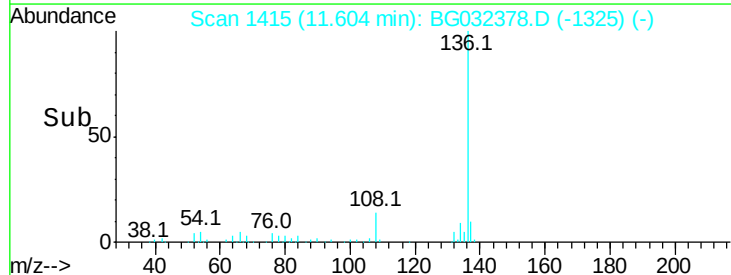
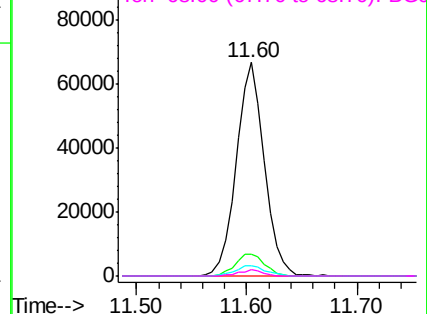
137 10.2 9.2 13.8

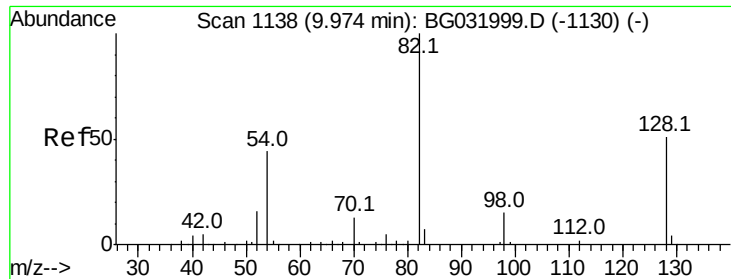
54 4.6 10.3 15.5#

68 3.4 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

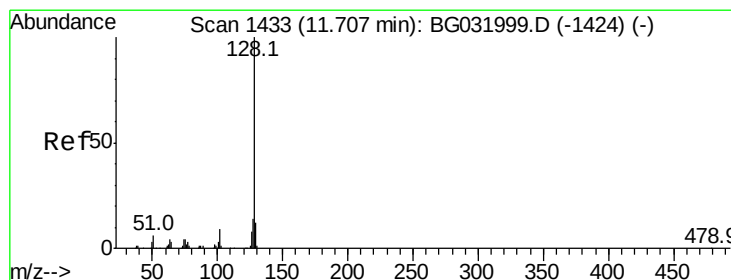
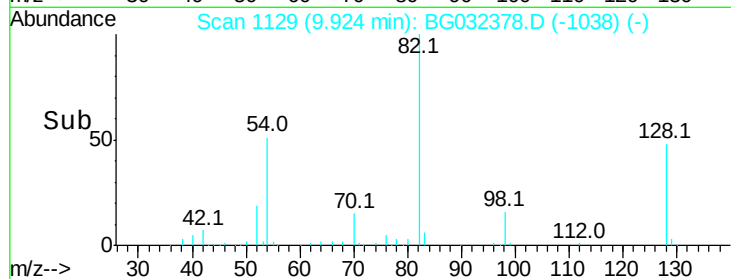
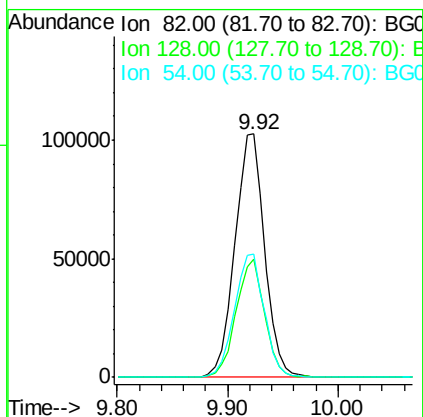
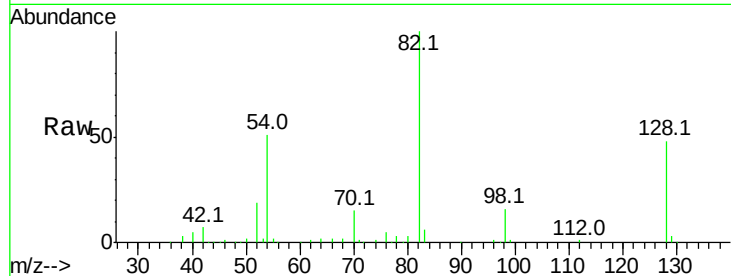




#23
 Nitrobenzene-d5
 Concen: 110.637 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BG032378.D
 Acq: 28 Jan 2018 5:37

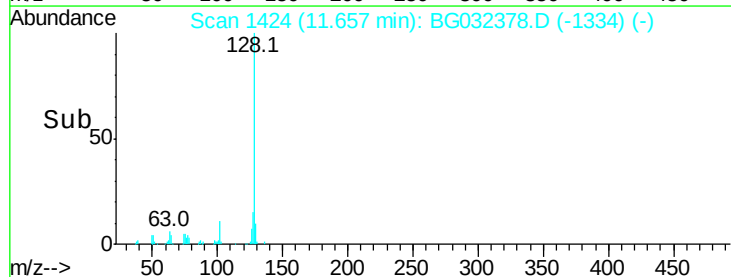
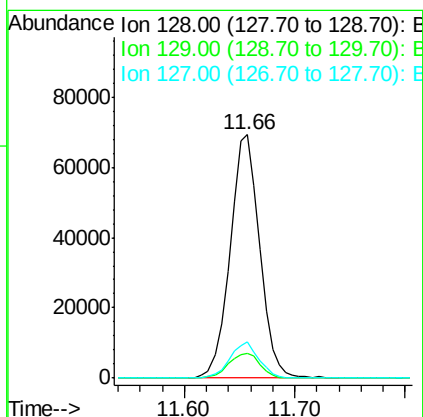
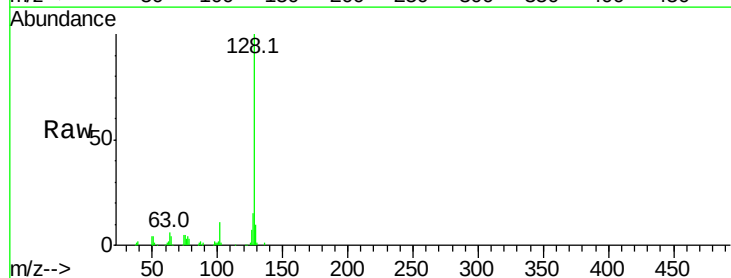
Instrument :
 BNA_G
 ClientSampleId :
 RO-4632

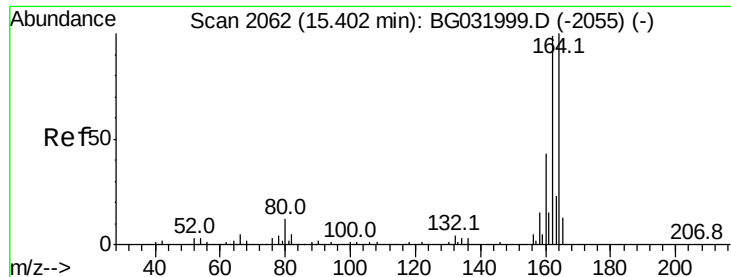
Tot Ion: 82 Resp: 193629
 Ion Ratio Lower Upper
 82 100
 128 48.5 29.7 44.5#
 54 50.6 43.1 64.7



#31
 Naphthalene
 Concen: 22.164 ng
 RT: 11.66 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BG032378.D
 Acq: 28 Jan 2018 5:37

Tgt Ion: 128 Resp: 130001
 Ion Ratio Lower Upper
 128 100
 129 10.2 8.6 12.8
 127 15.0 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG032378.D

Acq: 28 Jan 2018 5:37

Instrument :

BNA_G

ClientSampleId :

RO-4632

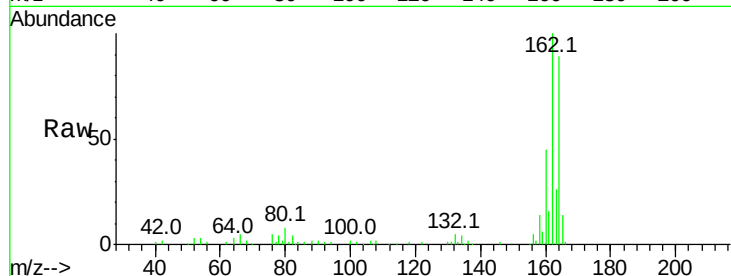
Tot Ion:164 Resp: 77860

Ion Ratio Lower Upper

164 100

162 111.9 78.8 118.2

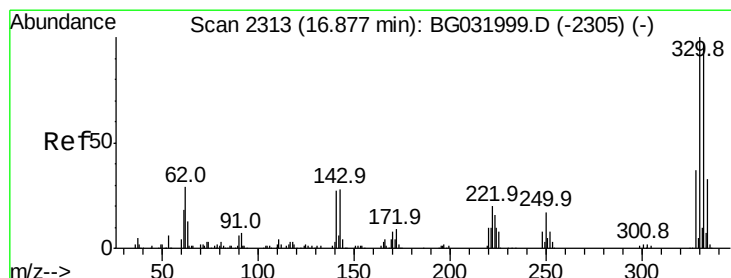
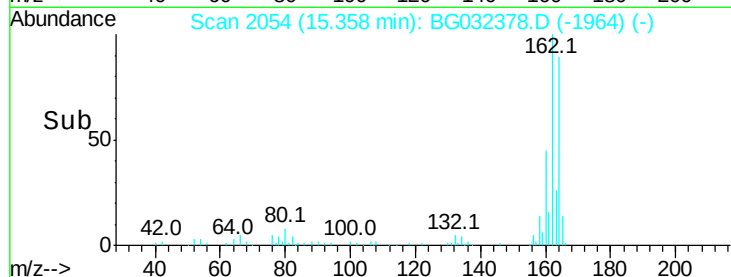
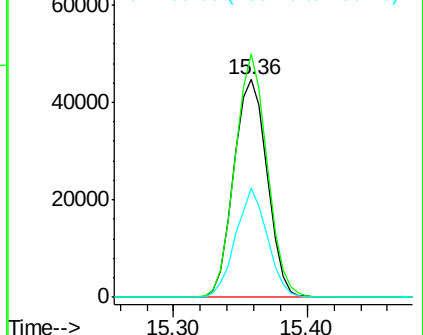
160 50.1 35.4 53.0



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: 170.736 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG032378.D

Acq: 28 Jan 2018 5:37

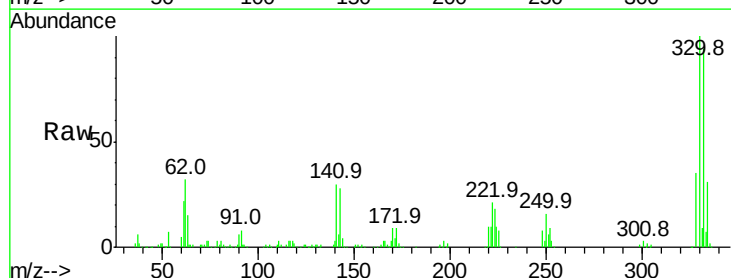
Tgt Ion:330 Resp: 219976

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

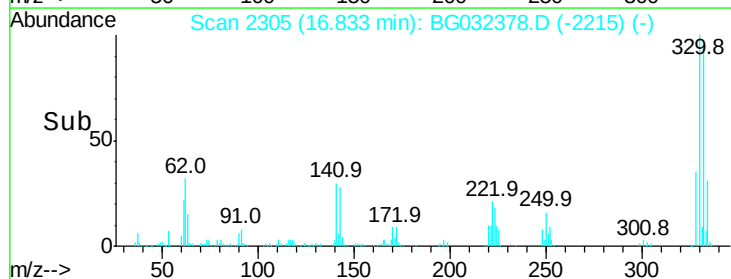
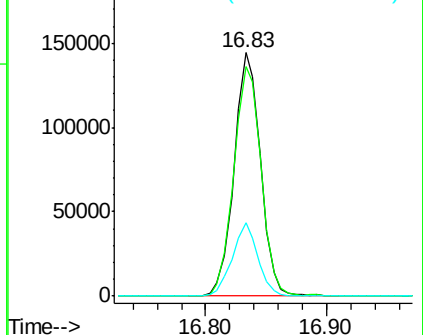
141 29.3 25.2 37.8

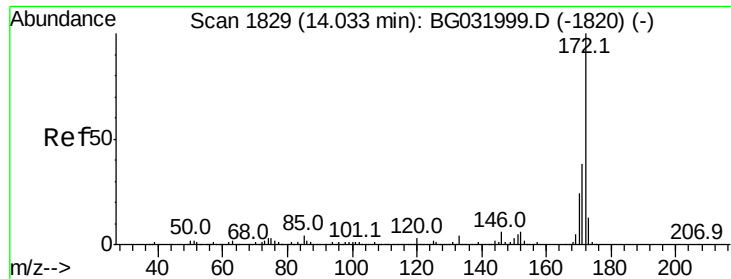


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

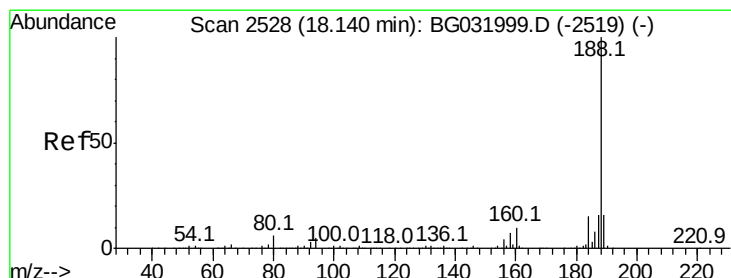
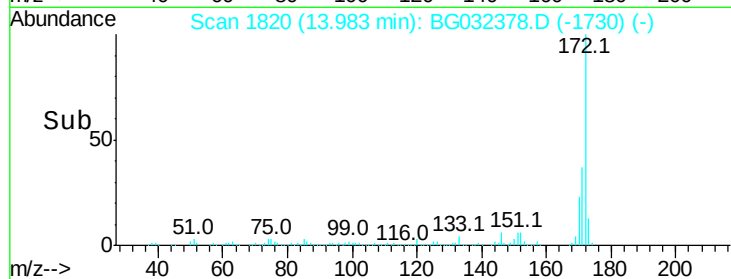
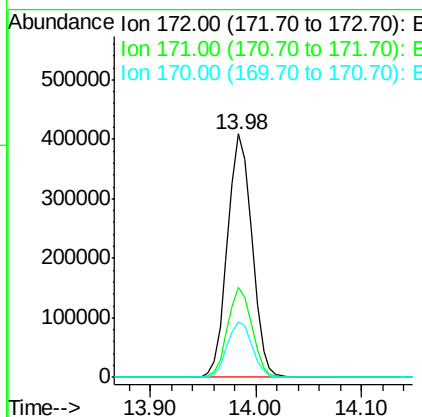
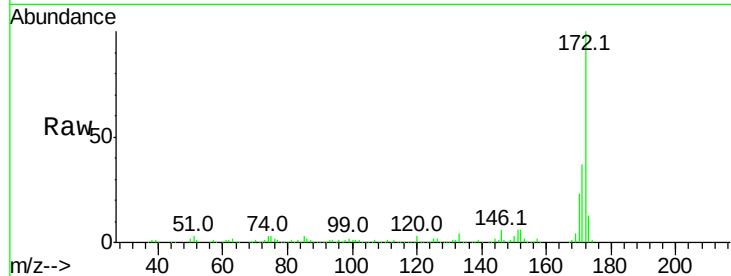




#44
 2-Fluorobiphenyl
 Concen: 104.098 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032378.D
 Acq: 28 Jan 2018 5:37

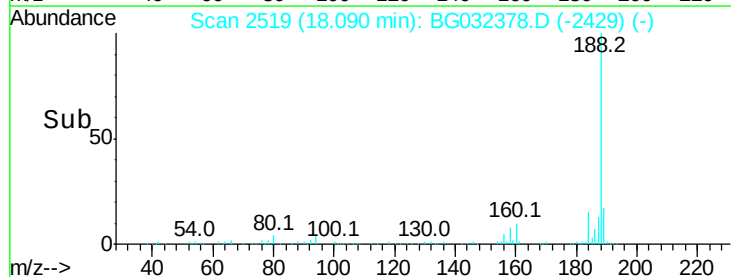
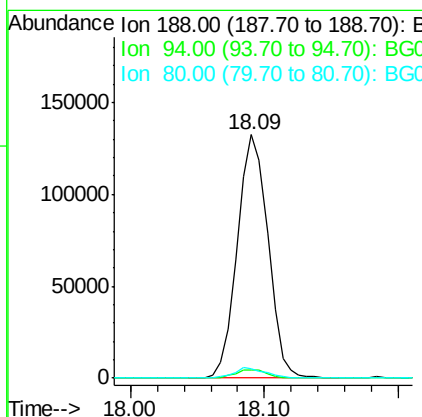
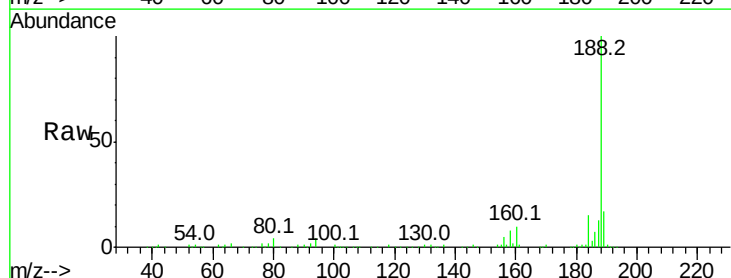
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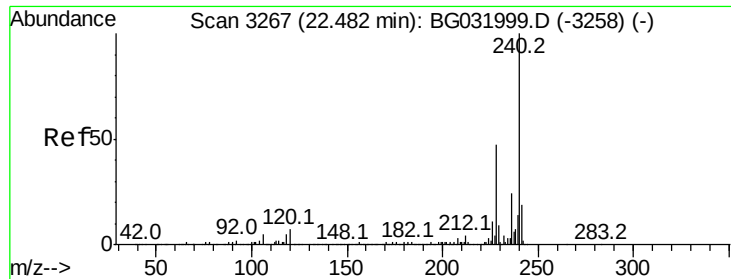
Tot Ion:172 Resp: 653659
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. -0.00 min
 Lab File: BG032378.D
 Acq: 28 Jan 2018 5:37

Tgt Ion:188 Resp: 210350
 Ion Ratio Lower Upper
 188 100
 94 3.6 6.9 10.3#
 80 4.0 7.7 11.5#

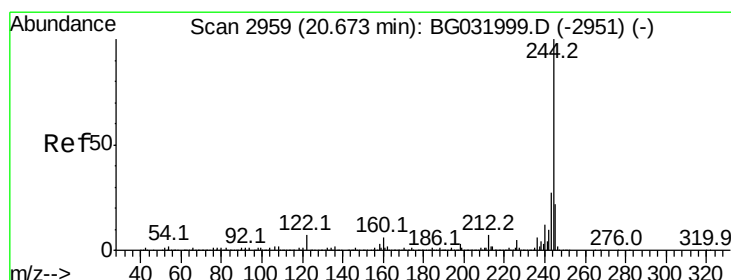
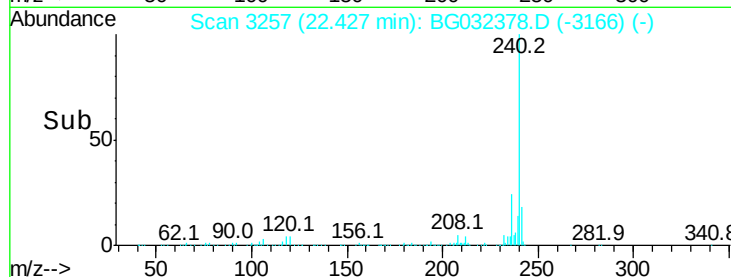
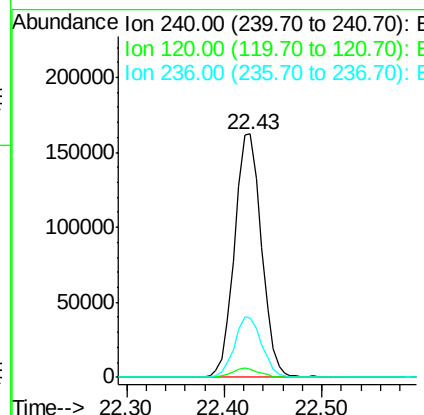
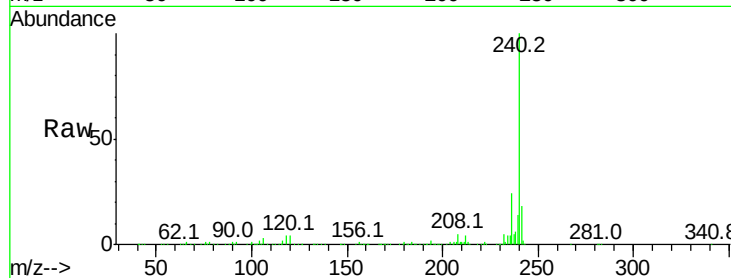




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.43 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: BG032378.D
 Acq: 28 Jan 2018 5:37

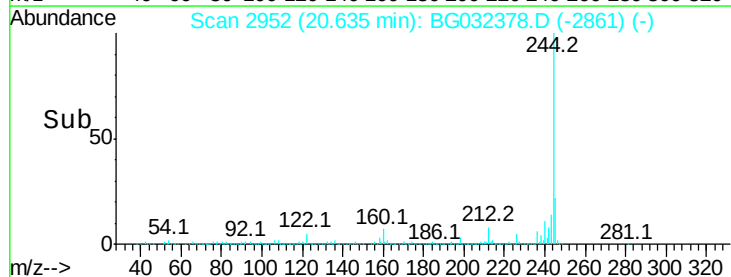
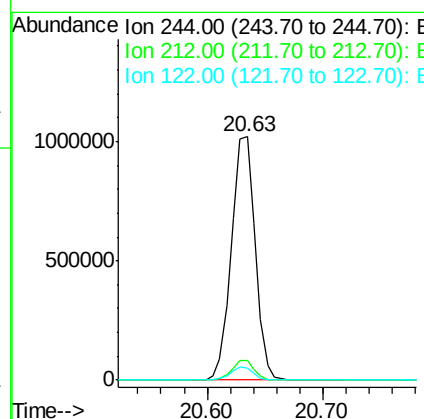
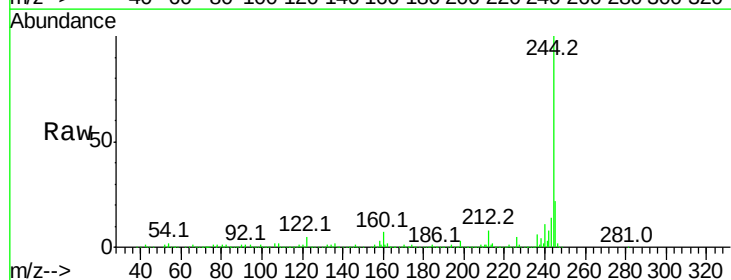
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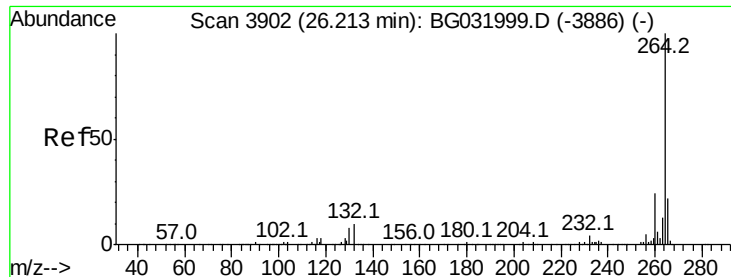
Tot Ion:240 Resp: 312593
 Ion Ratio Lower Upper
 240 100
 120 3.6 6.8 10.2#
 236 24.4 20.9 31.3



#78
 Terphenyl-d14
 Concen: 102.940 ng
 RT: 20.63 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: BG032378.D
 Acq: 28 Jan 2018 5:37

Tgt Ion:244 Resp: 1457326
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 5.1 7.0 10.4#

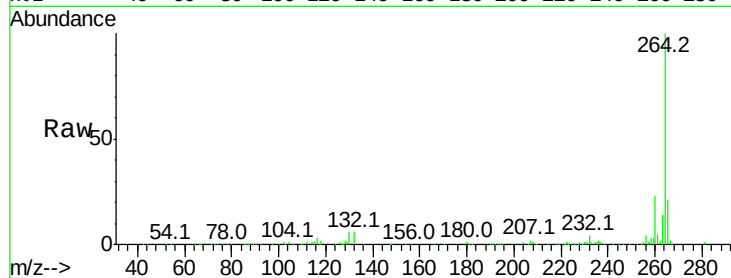




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.12 min Scan# 3885
 Delta R.T. 0.01 min
 Lab File: BG032378.D
 Acq: 28 Jan 2018 5:37

Instrument :
 BNA_G
 ClientSampleId :
 RO-4632

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	20.7	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

