

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031825.D
 Acq On : 28 Dec 2017 15:04
 Operator : SJ/JU
 Sample : PB105379BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105379BL

Quant Time: Dec 28 15:59:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	46878	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	183830	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	124671	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	341747	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	413162	20.00	ng	-0.06
86) Perylene-d12	26.26	264	439580	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	393300	152.81	ng	-0.02
7) Phenol-d6	7.91	99	497235	148.80	ng	-0.02
23) Nitrobenzene-d5	10.00	82	265746	109.16	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	323606	170.11	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	968435	97.50	ng	-0.03
78) Terphenyl-d14	20.70	244	1835984	101.52	ng	-0.04

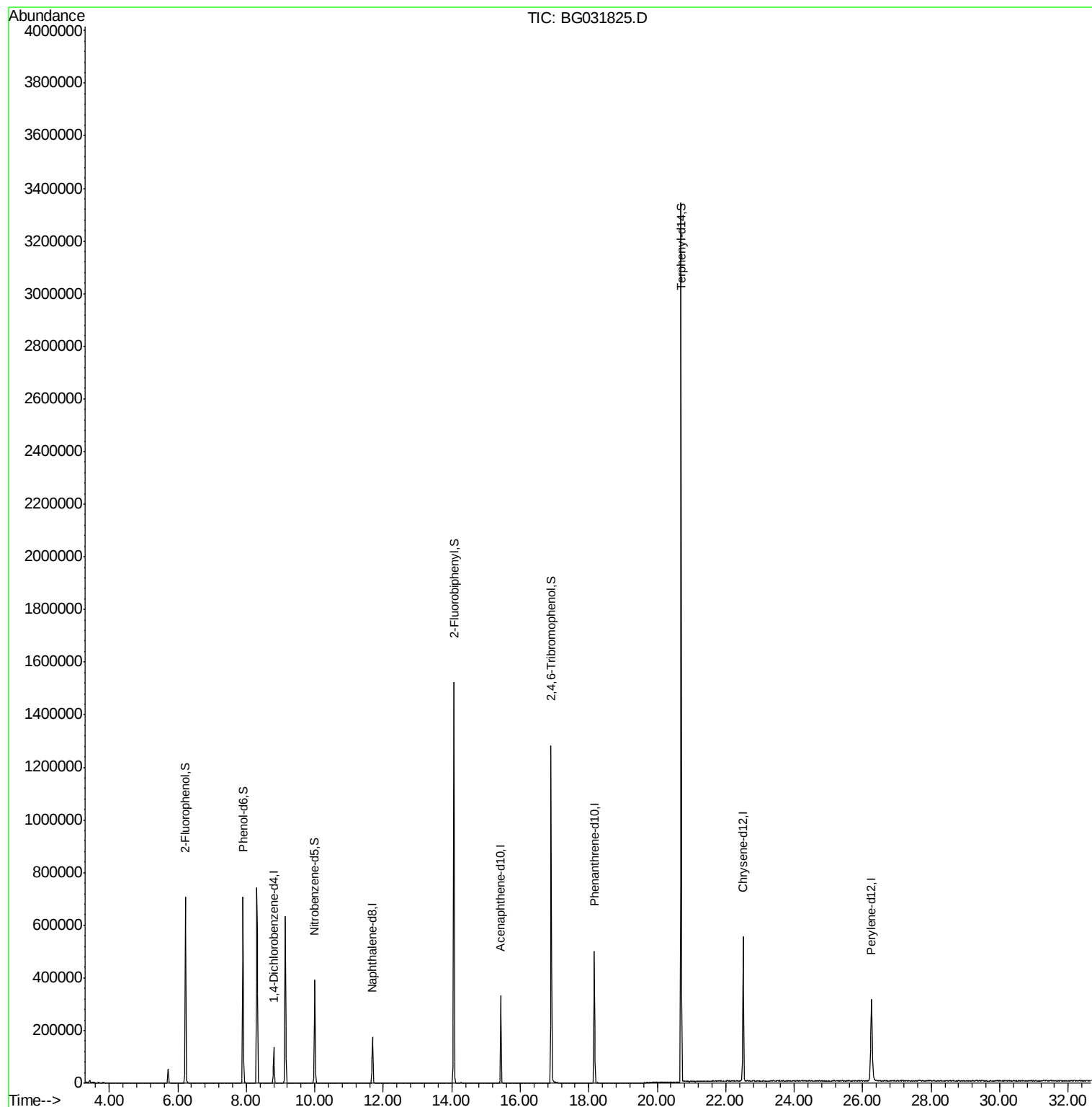
Target Compounds Qvalue

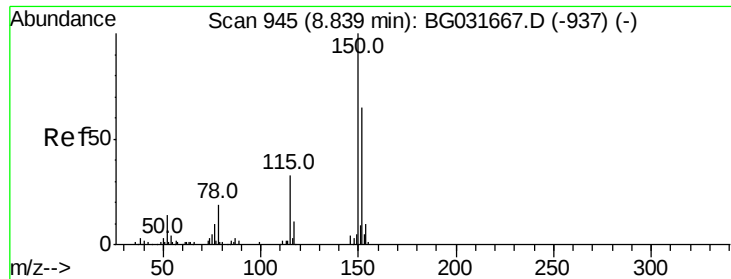
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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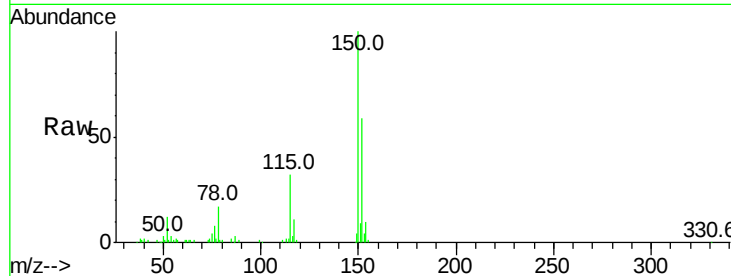


#1

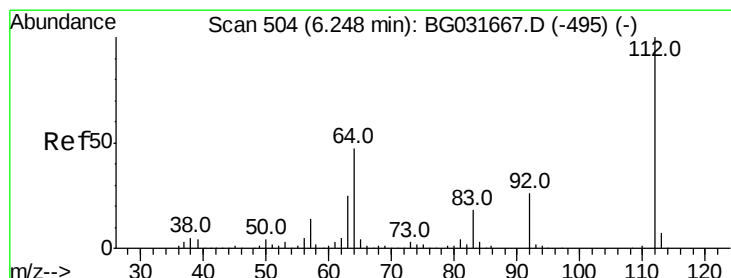
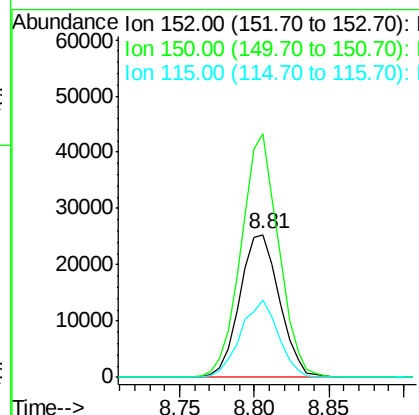
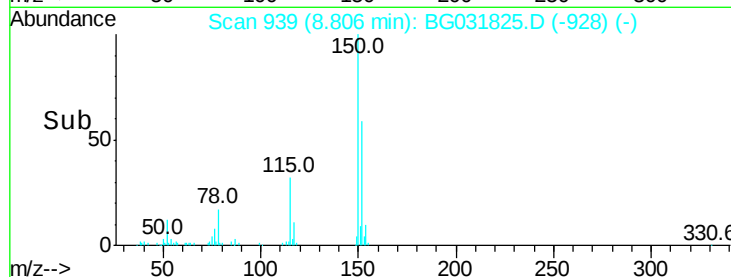
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031825.D
Acq: 28 Dec 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB105379BL

Tot Ion:152 Resp: 46878
Ion Ratio Lower Upper
152 100
150 170.7 126.6 189.8
115 54.5 53.0 79.4



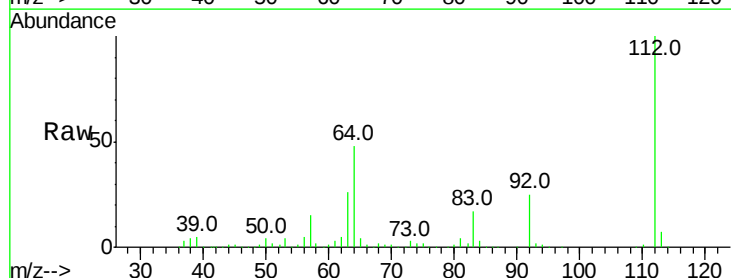
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



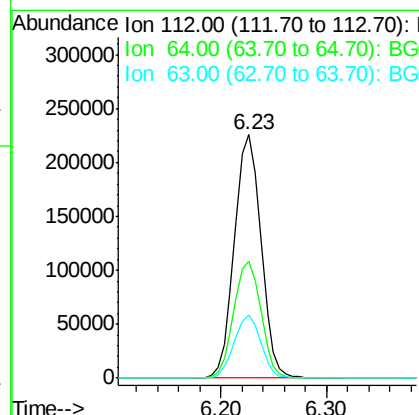
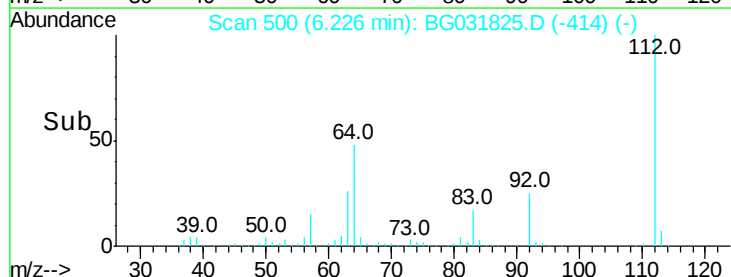
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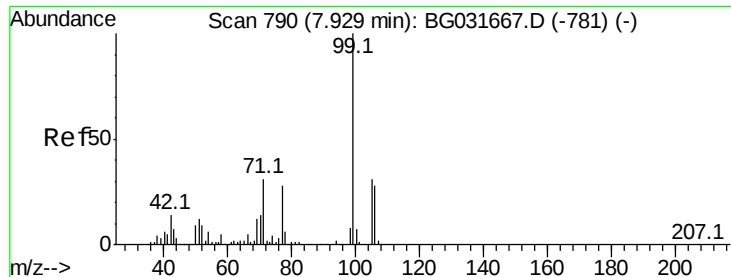
2-Fluorophenol
Concen: 152.812 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031825.D
Acq: 28 Dec 2017 15:04

Tgt Ion:112 Resp: 393300
Ion Ratio Lower Upper
112 100
64 47.8 56.3 84.5#
63 25.7 30.1 45.1#



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





#7

Phenol-d6

Concen: 148.802 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031825.D

Acq: 28 Dec 2017 15:04

Instrument :

BNA_G

ClientSampleId :

PB105379BL

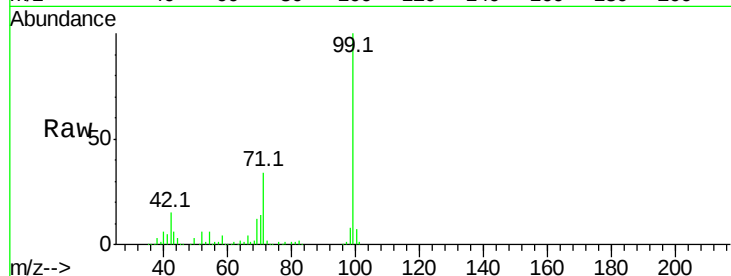
Tot Ion: 99 Resp: 497235

Ion Ratio Lower Upper

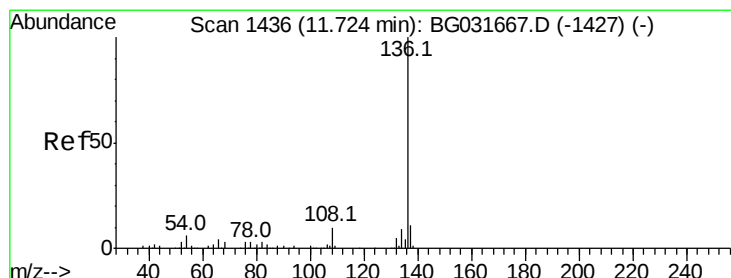
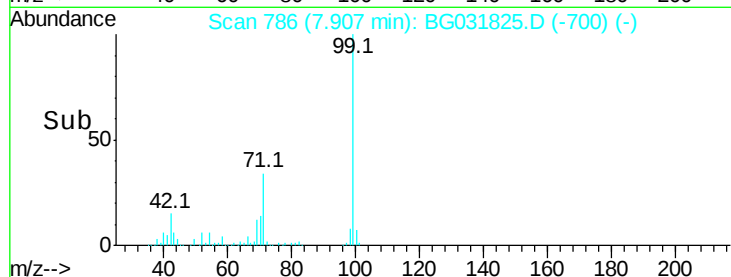
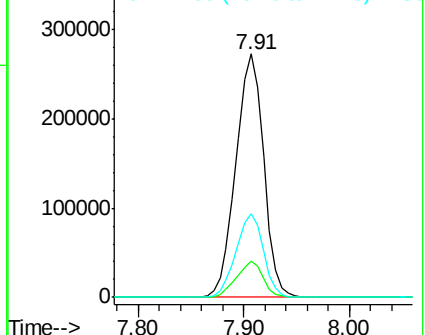
99 100

42 15.0 14.1 21.1

71 34.1 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: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031825.D

Acq: 28 Dec 2017 15:04

Tgt Ion: 136 Resp: 183830

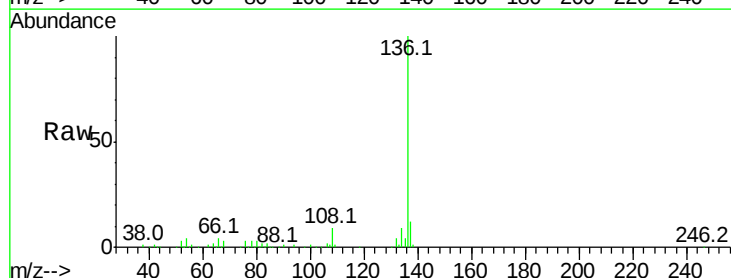
Ion Ratio Lower Upper

136 100

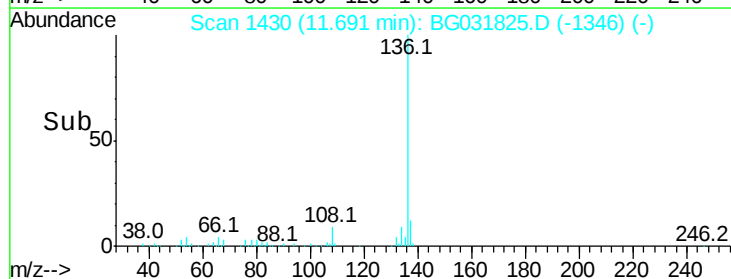
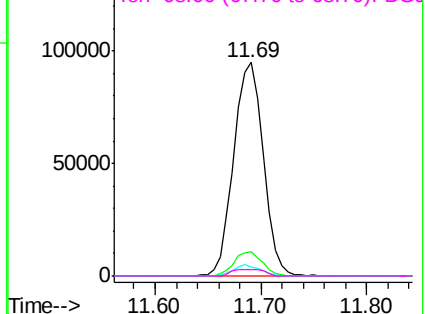
137 11.5 9.2 13.8

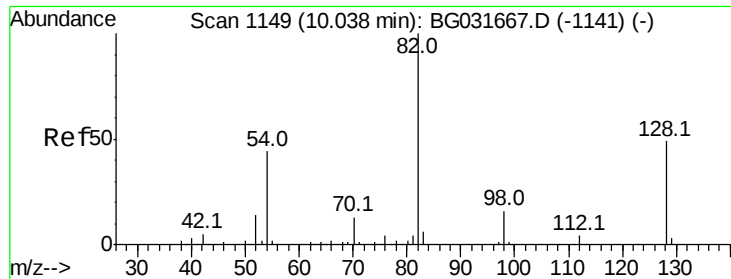
54 4.4 10.3 15.5#

68 3.3 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

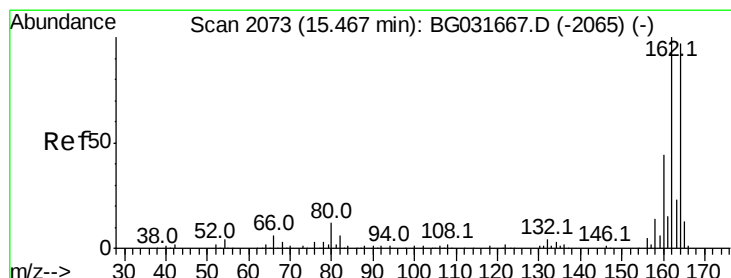
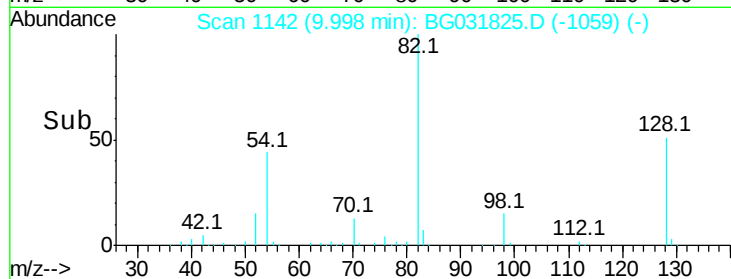
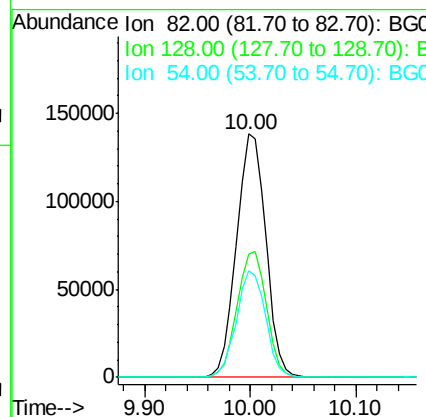
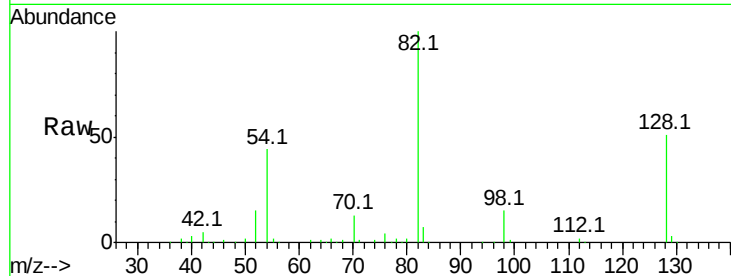




#23
 Nitrobenzene-d5
 Concen: 109.161 ng
 RT: 10.00 min Scan# 1142
 Delta R.T. -0.04 min
 Lab File: BG031825.D
 Acq: 28 Dec 2017 15:04

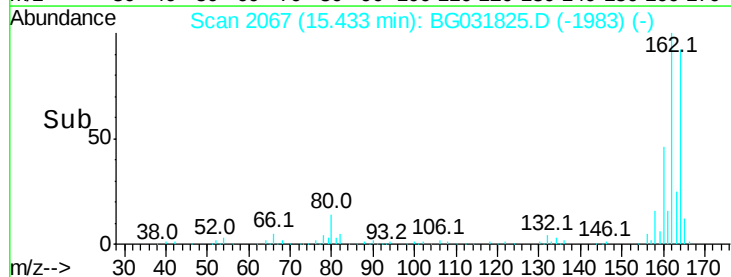
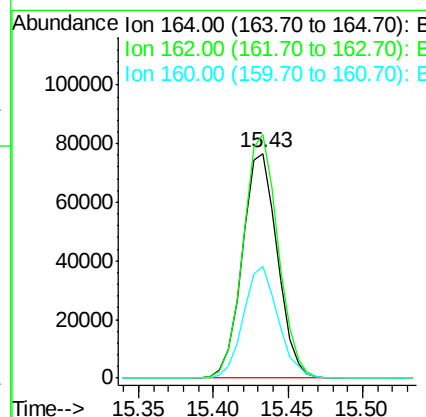
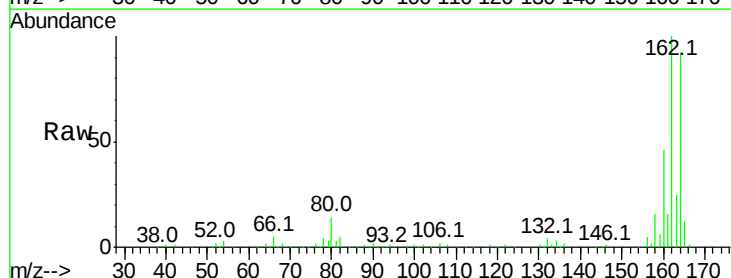
Instrument :
 BNA_G
 ClientSampleId :
 PB105379BL

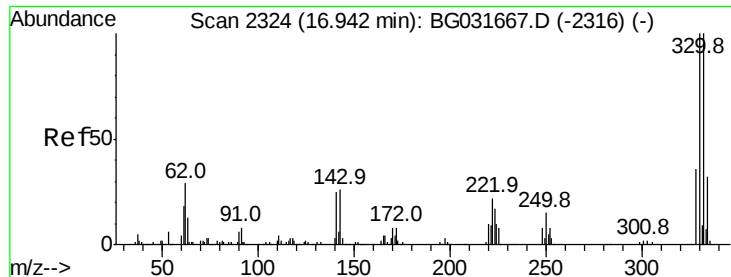
Tot Ion: 82 Resp: 265746
 Ion Ratio Lower Upper
 82 100
 128 50.8 29.7 44.5#
 54 43.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.03 min
 Lab File: BG031825.D
 Acq: 28 Dec 2017 15:04

Tgt Ion:164 Resp: 124671
 Ion Ratio Lower Upper
 164 100
 162 108.3 78.8 118.2
 160 49.6 35.4 53.0

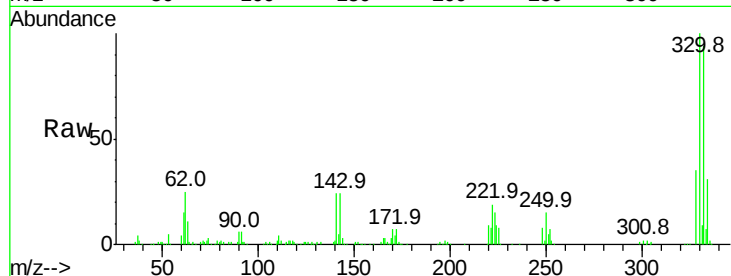




#41
 2,4,6-Tribromophenol
 Concen: 170.112 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031825.D
 Acq: 28 Dec 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB105379BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	25.5	25.2	37.8

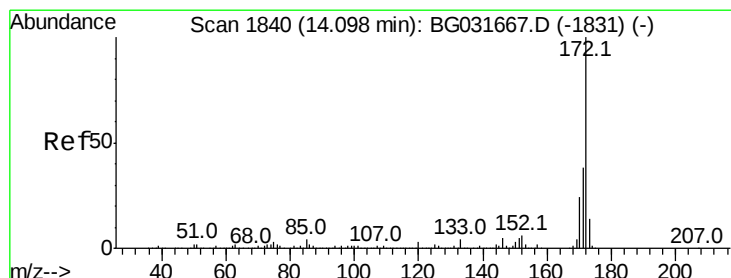
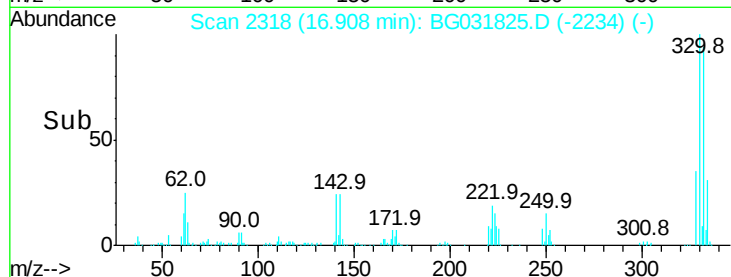
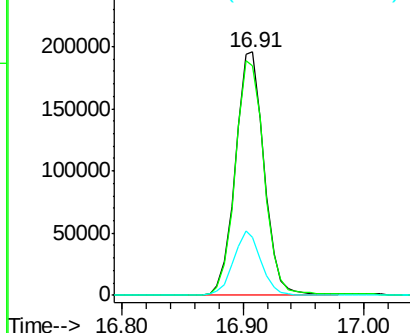


Abundance

Ion 329.80 (329.50 to 330.50): E

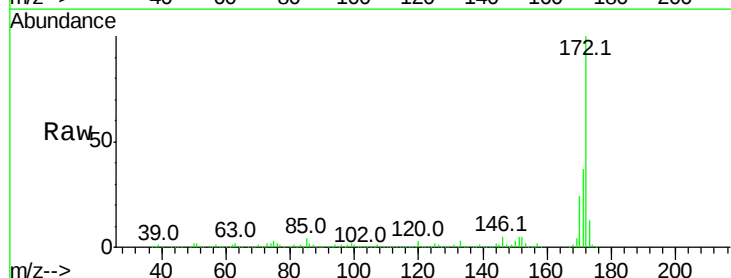
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.498 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031825.D
 Acq: 28 Dec 2017 15:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.9	19.5	29.3

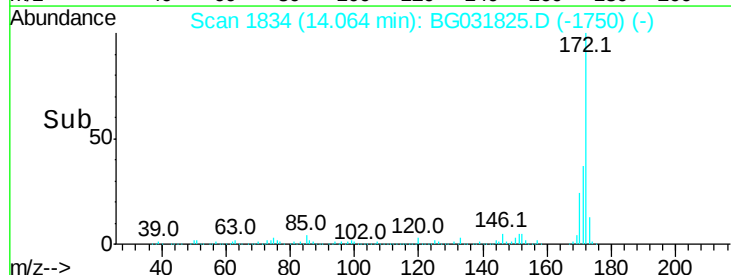
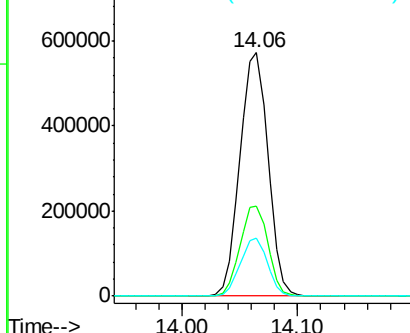


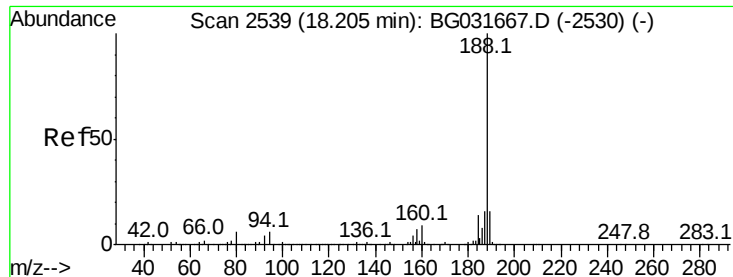
Abundance

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

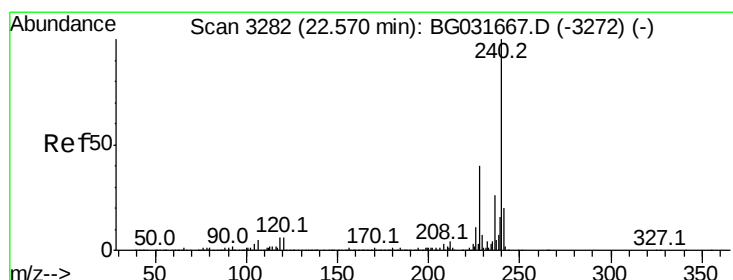
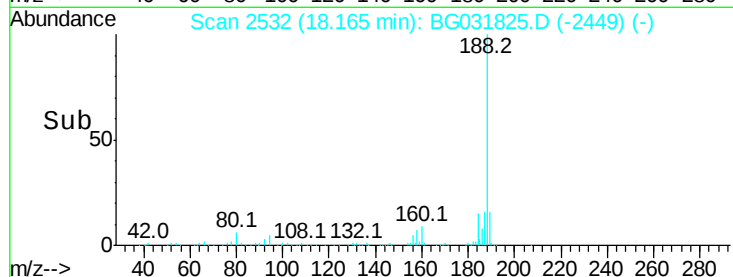
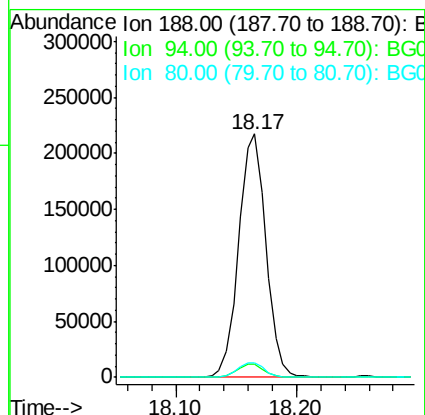
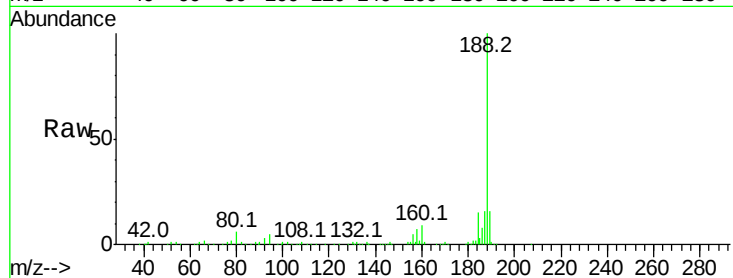




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031825.D
Acq: 28 Dec 2017 15:04

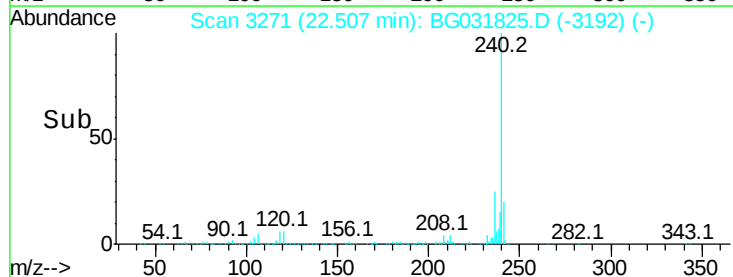
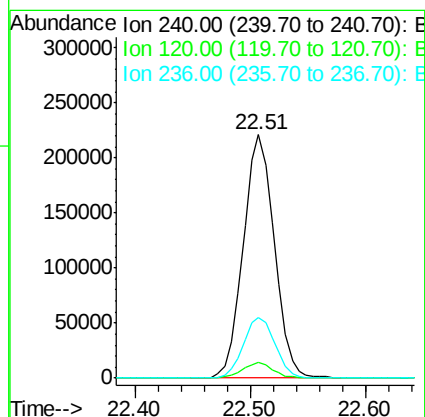
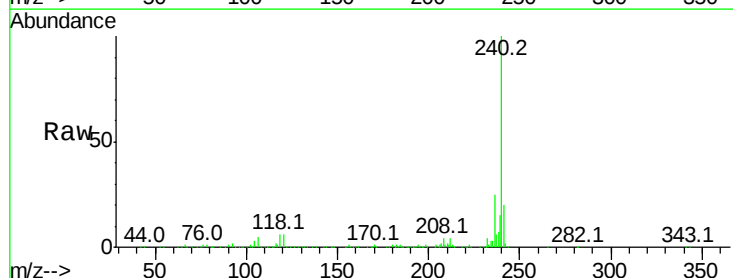
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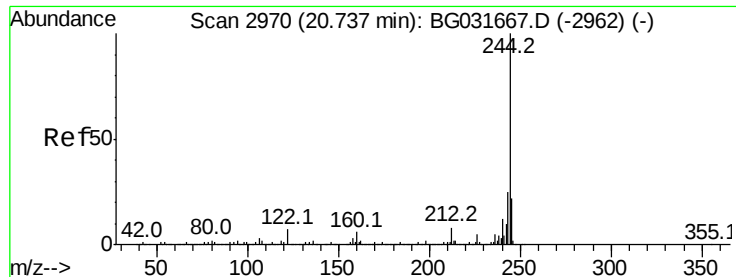
Tot Ion:188 Resp: 341747
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 6.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031825.D
Acq: 28 Dec 2017 15:04

Tgt Ion:240 Resp: 413162
Ion Ratio Lower Upper
240 100
120 6.3 6.8 10.2#
236 24.7 20.9 31.3





#78

Terphenyl-d14

Concen: 101.524 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031825.D

Acq: 28 Dec 2017 15:04

Instrument :

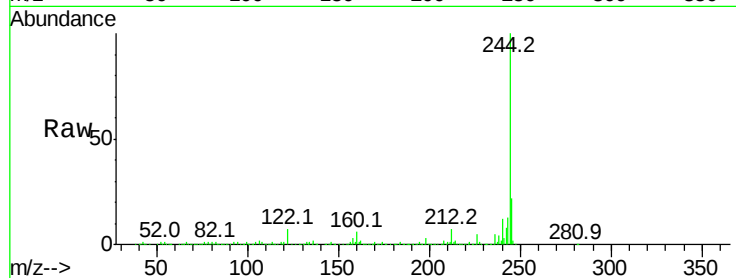
BNA_G

ClientSampleId :

PB105379BL

Tot Ion:244 Resp: 1835984

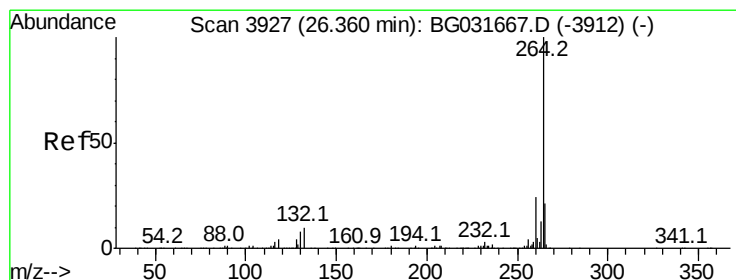
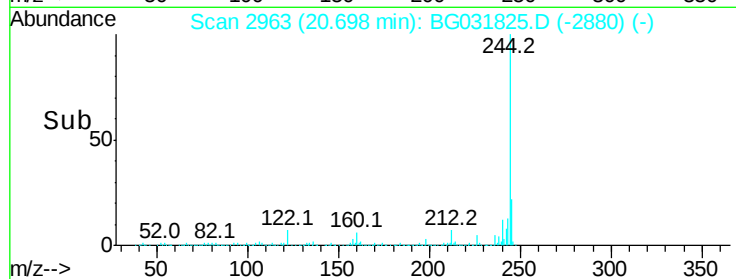
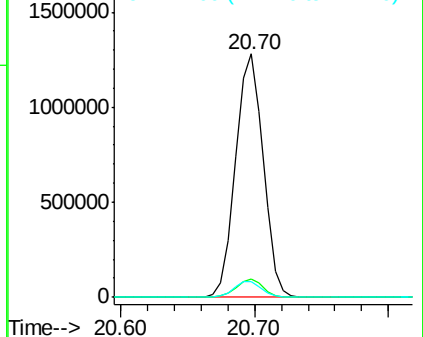
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	6.7	7.0	10.4



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: 26.26 min Scan# 3909

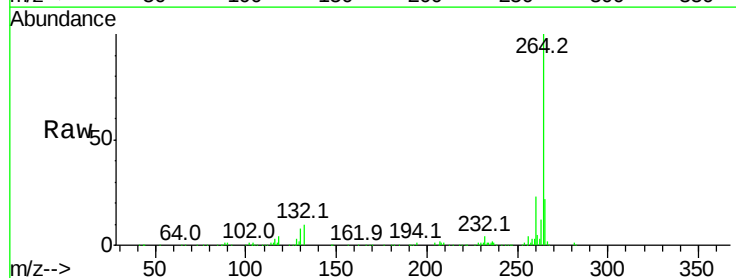
Delta R.T. -0.10 min

Lab File: BG031825.D

Acq: 28 Dec 2017 15:04

Tgt Ion:264 Resp: 439580

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.6	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

