

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029322.D
 Acq On : 18 Oct 2017 7:17
 Operator : SJ/JU
 Sample : I5868-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101117-TIDO-E-D-M

Quant Time: Oct 18 15:43:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63935	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	319383	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	216956	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	501385	20.00	ng	0.00
75) Chrysene-d12	21.80	240	524924	20.00	ng	0.00
86) Perylene-d12	25.10	264	527513	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	188652	49.29	ng	0.00
7) Phenol-d6	7.32	99	166220	30.94	ng	0.00
23) Nitrobenzene-d5	9.33	82	489161	97.33	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	151647	54.14	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1326326	89.66	ng	0.00
78) Terphenyl-d14	20.11	244	2104827	91.22	ng	0.00

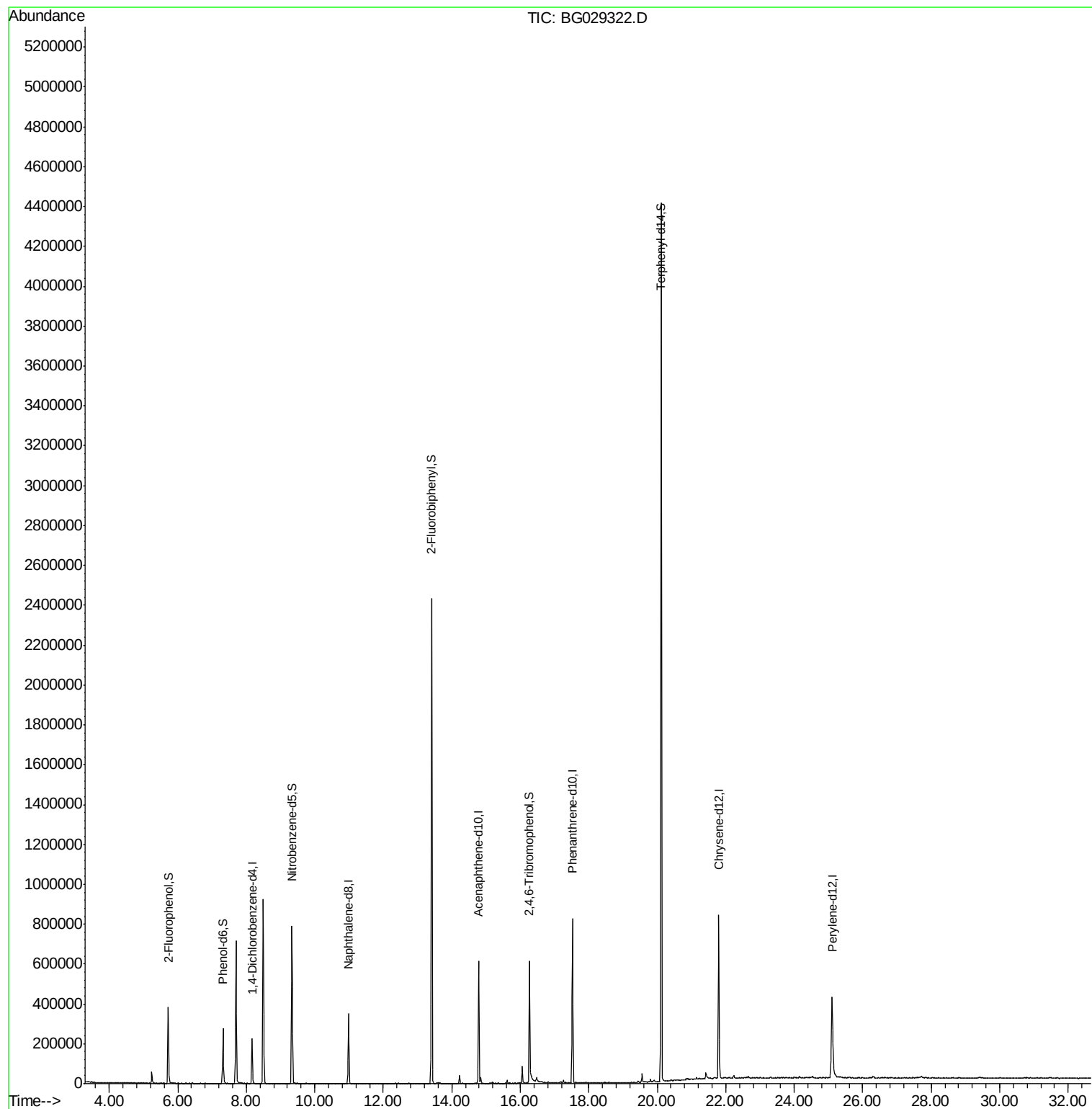
Target Compounds Qvalue

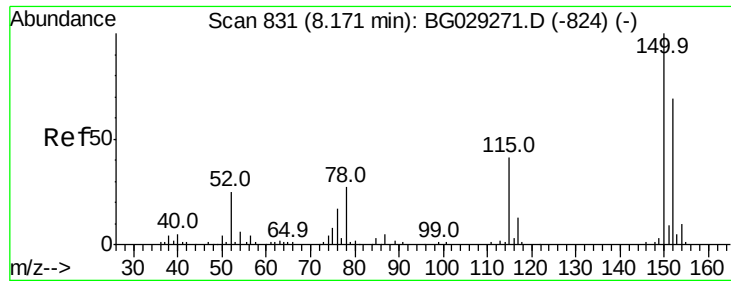
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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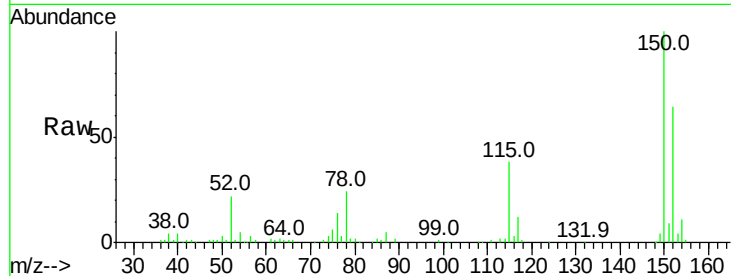


#1

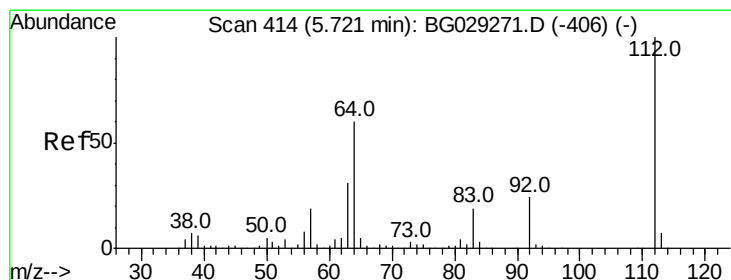
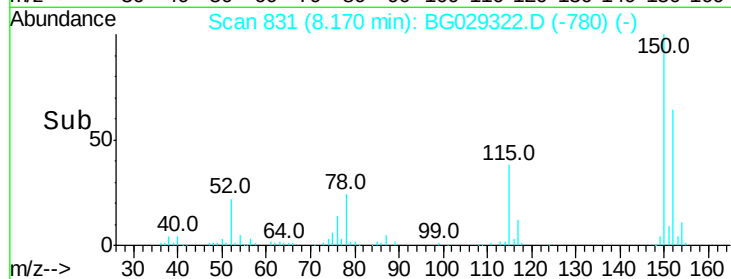
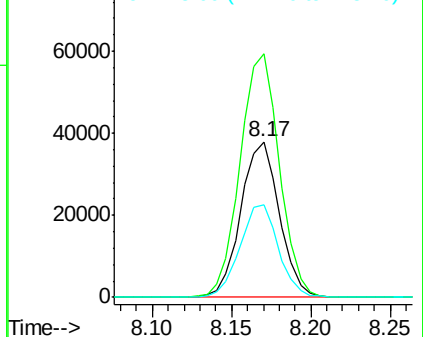
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029322.D
Acq: 18 Oct 2017 7:17

Instrument :
BNA_G
ClientSampleId :
101117-TIDO-E-D-M

Tot Ion:152 Resp: 63935
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 59.4 53.0 79.4



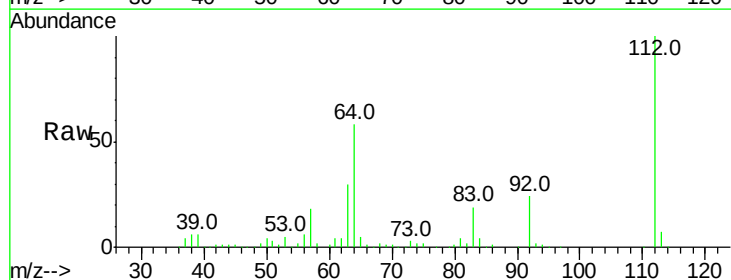
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



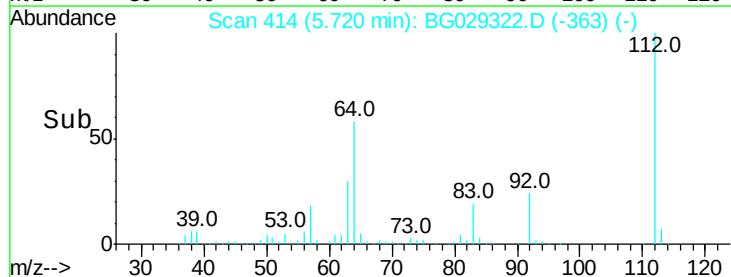
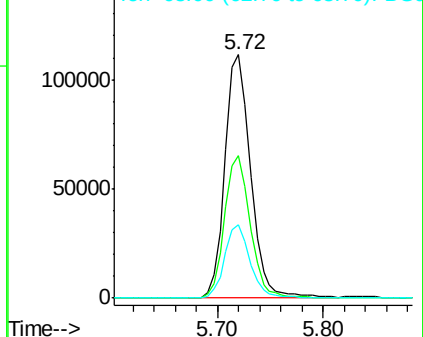
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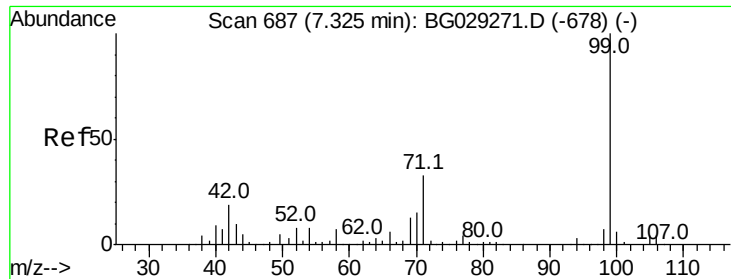
2-Fluorophenol
Concen: 49.293 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029322.D
Acq: 18 Oct 2017 7:17

Tgt Ion:112 Resp: 188652
Ion Ratio Lower Upper
112 100
64 58.5 56.3 84.5
63 30.3 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: 30.942 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029322.D

Acq: 18 Oct 2017 7:17

Instrument :

BNA_G

ClientSampleId :

101117-TIDO-E-D-M

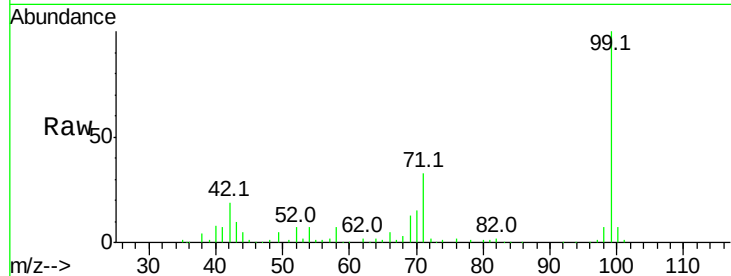
Tot Ion: 99 Resp: 166220

Ion Ratio Lower Upper

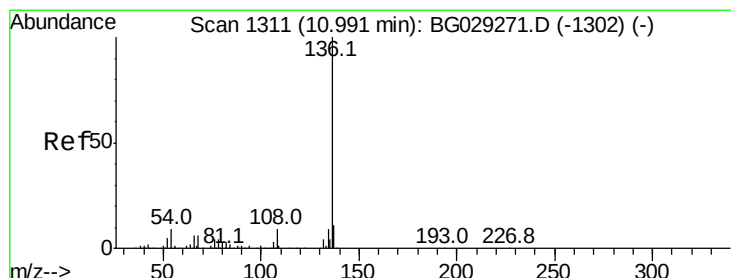
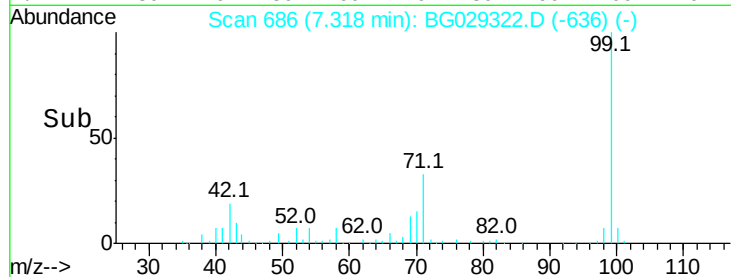
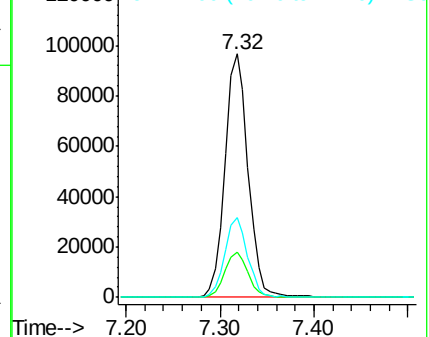
99 100

42 18.7 14.1 21.1

71 32.8 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: 10.98 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG029322.D

Acq: 18 Oct 2017 7:17

Tgt Ion: 136 Resp: 319383

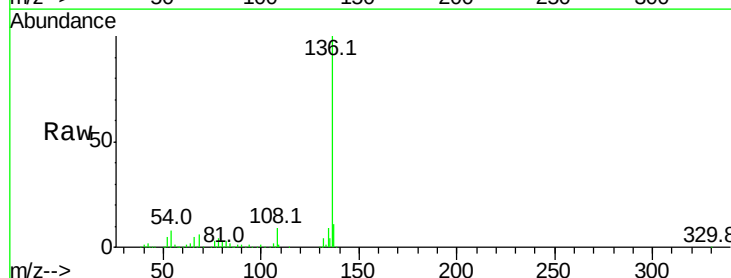
Ion Ratio Lower Upper

136 100

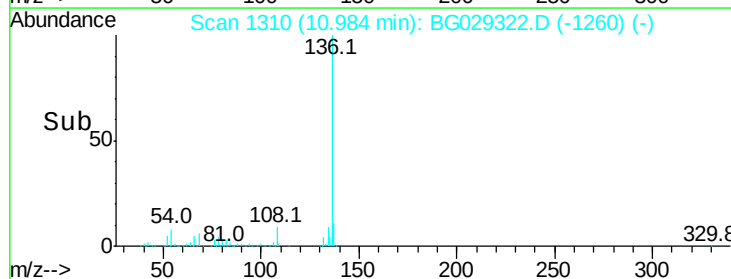
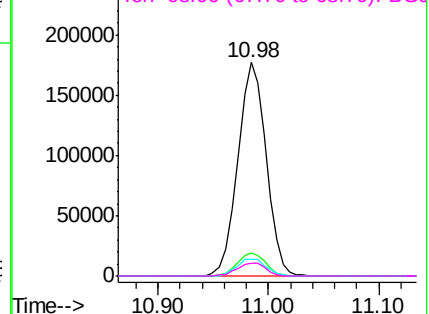
137 10.6 9.2 13.8

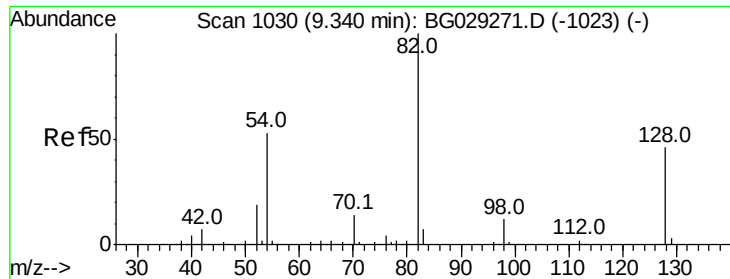
54 7.8 10.3 15.5#

68 6.1 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

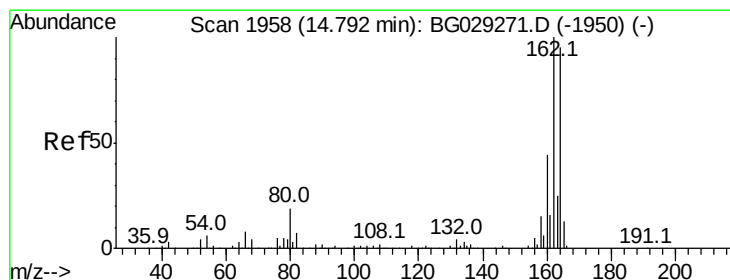
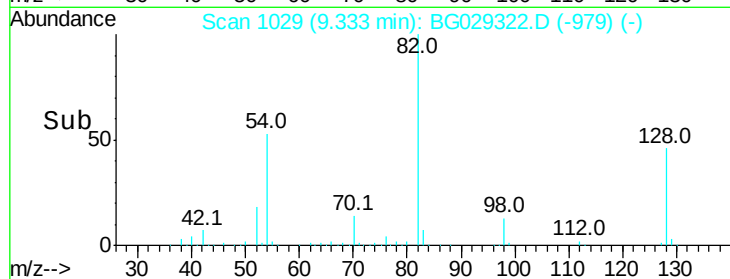
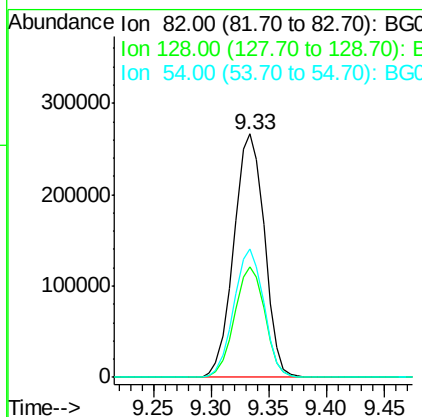
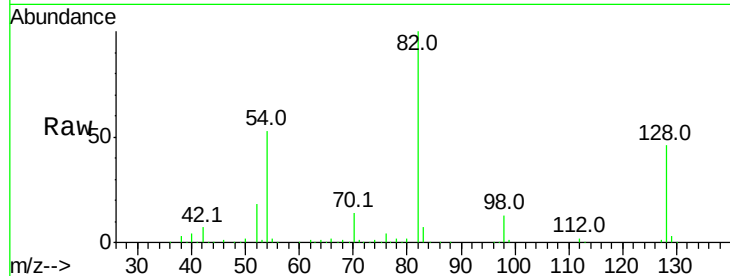




#23
 Nitrobenzene-d5
 Concen: 97.328 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG029322.D
 Acq: 18 Oct 2017 7:17

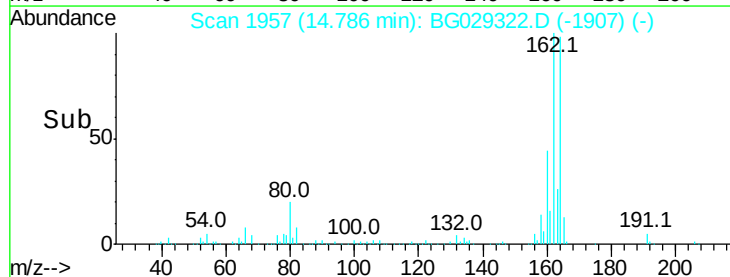
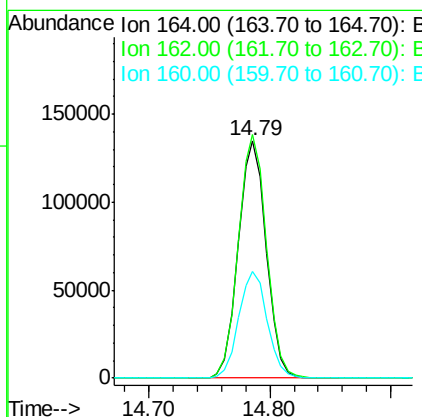
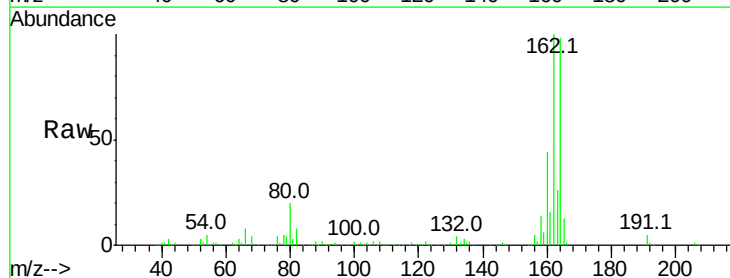
Instrument :
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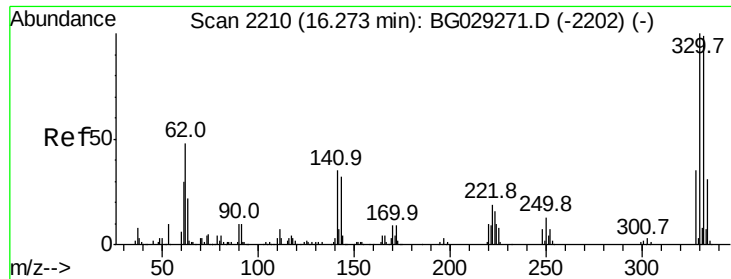
Tot Ion: 82 Resp: 489161
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 52.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG029322.D
 Acq: 18 Oct 2017 7:17

Tgt Ion:164 Resp: 216956
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.8 118.2
 160 44.8 35.4 53.0

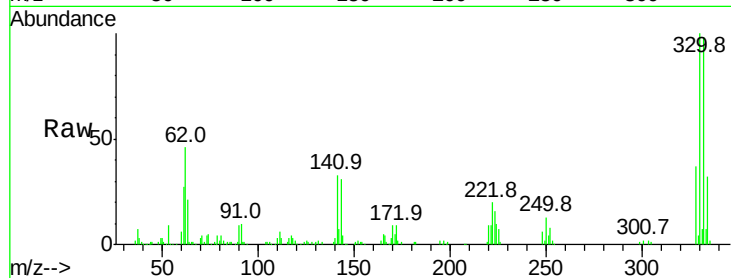




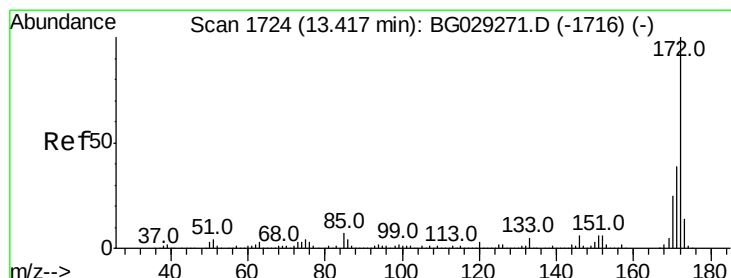
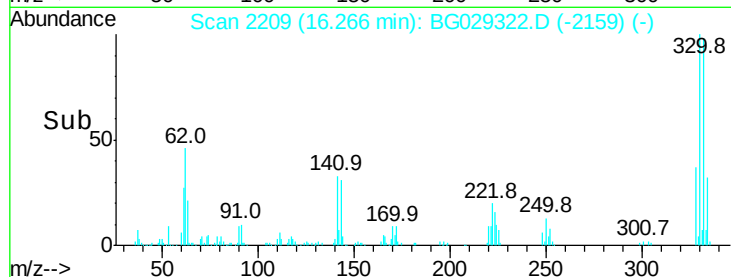
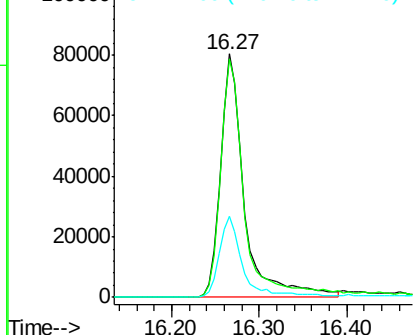
#41
 2,4,6-Tribromophenol
 Concen: 54.138 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029322.D
 Acq: 18 Oct 2017 7:17

Instrument :
 BNA_G
 ClientSampleId :
 101117-TIDO-E-D-M

Tot Ion:330 Resp: 151647
 Ion Ratio Lower Upper
 330 100
 332 100.1 77.0 115.6
 141 31.8 25.2 37.8

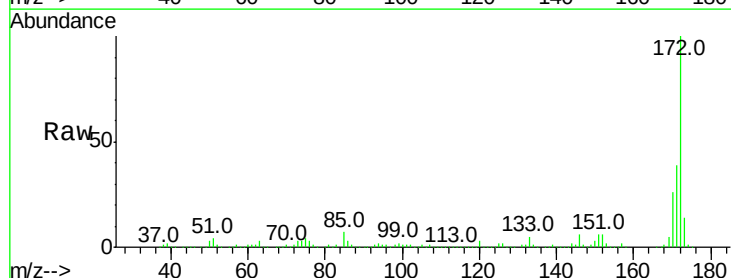


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

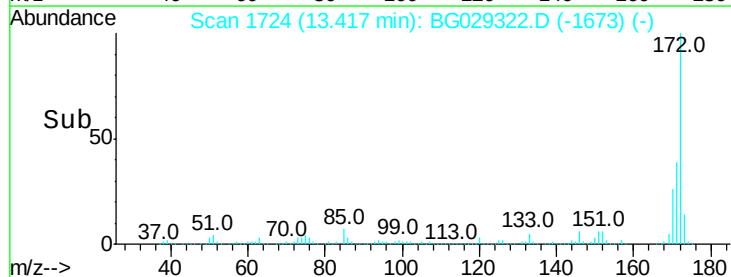
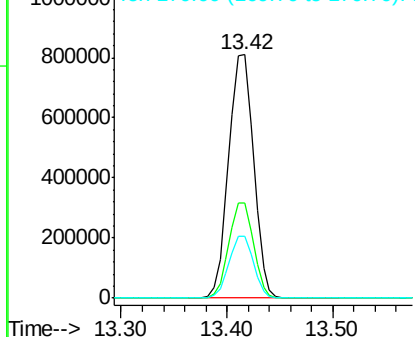


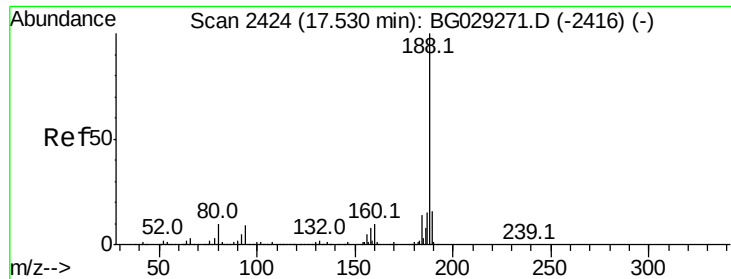
#44
 2-Fluorobiphenyl
 Concen: 89.662 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG029322.D
 Acq: 18 Oct 2017 7:17

Tgt Ion:172 Resp: 1326326
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.0 45.0
 170 25.6 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

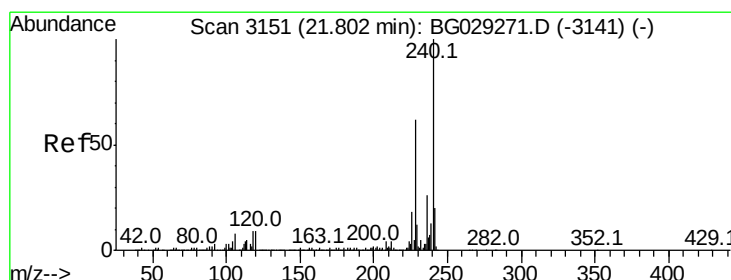
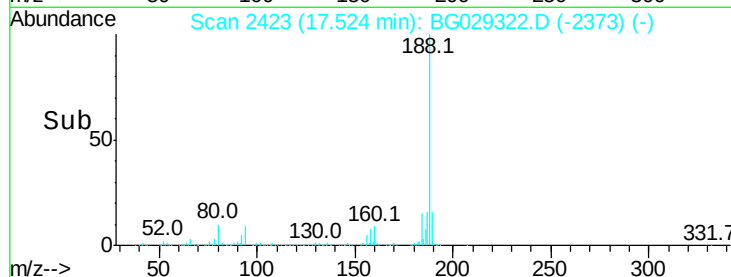
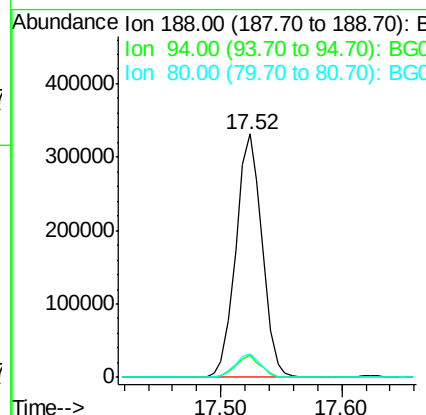
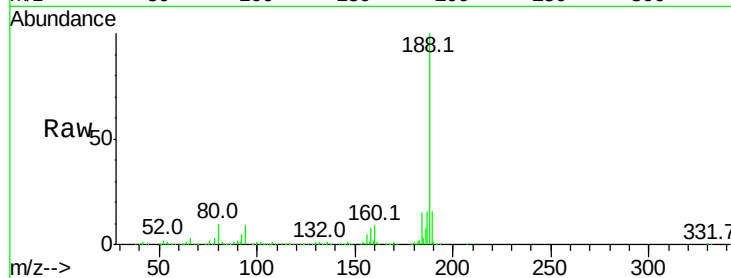




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG029322.D
 Acq: 18 Oct 2017 7:17

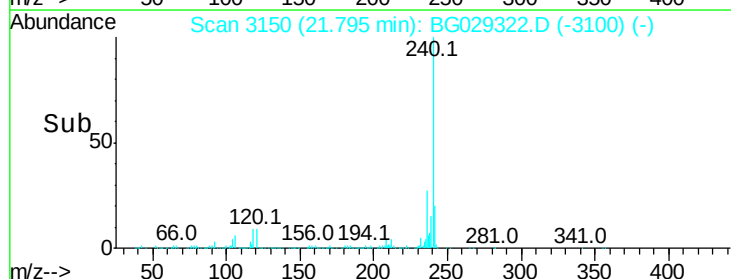
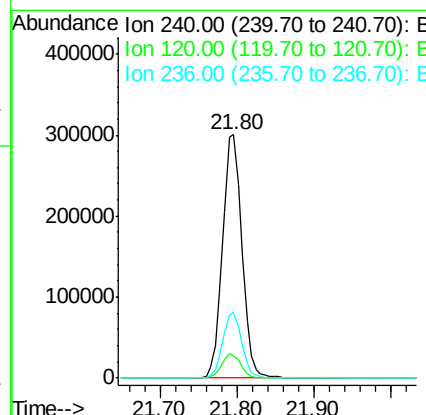
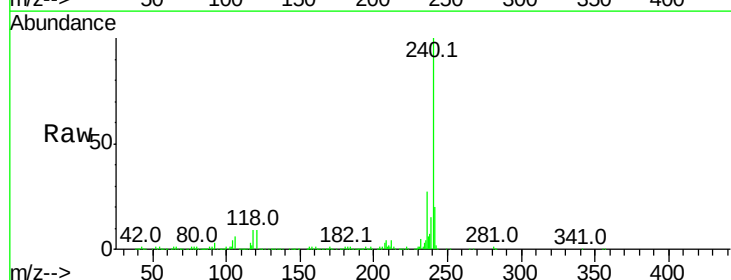
Instrument :
 BNA_G
 ClientSampleId :
 101117-TIDO-E-D-M

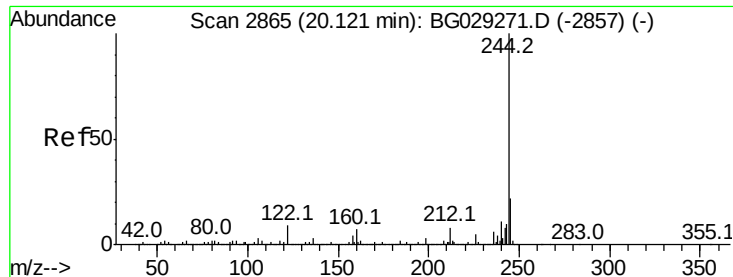
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.9	10.3
80	9.6	7.7	11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG029322.D
 Acq: 18 Oct 2017 7:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.8	10.2
236	27.1	20.9	31.3





#78

Terphenyl-d14

Concen: 91.220 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029322.D

Acq: 18 Oct 2017 7:17

Instrument :

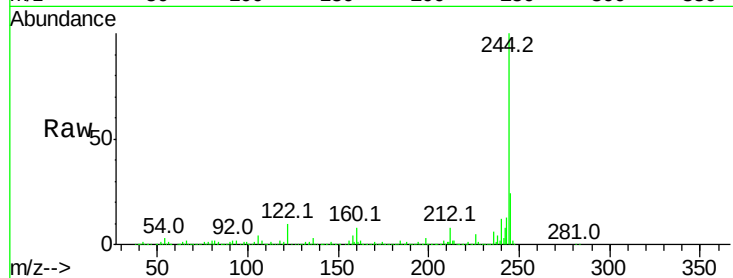
BNA_G

ClientSampleId :

101117-TIDO-E-D-M

Tot Ion:244 Resp: 2104827

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	10.4	7.0	10.4

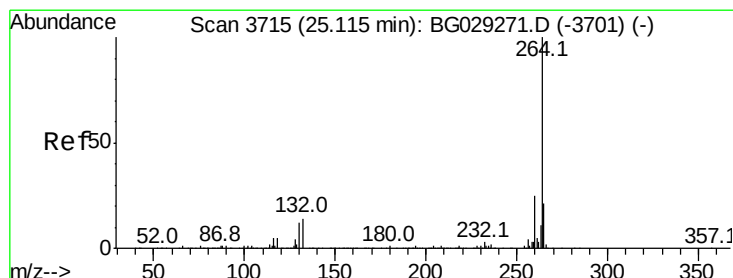
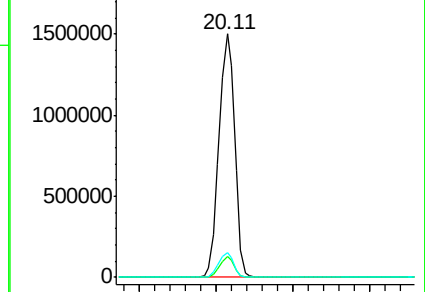
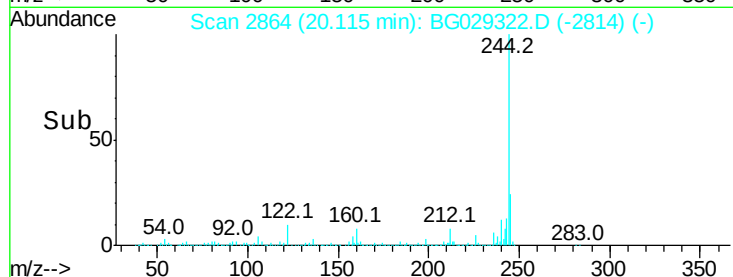


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

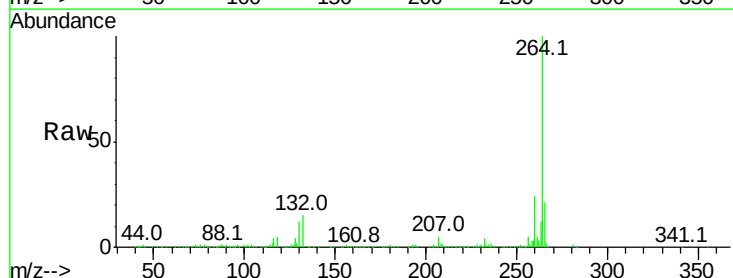
Delta R.T. -0.01 min

Lab File: BG029322.D

Acq: 18 Oct 2017 7:17

Tgt Ion:264 Resp: 527513

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.4	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

