

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032326.D
 Acq On : 26 Jan 2018 12:16
 Operator : SJ/JU
 Sample : J1020-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-012418-D

Quant Time: Jan 26 12:58:49 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

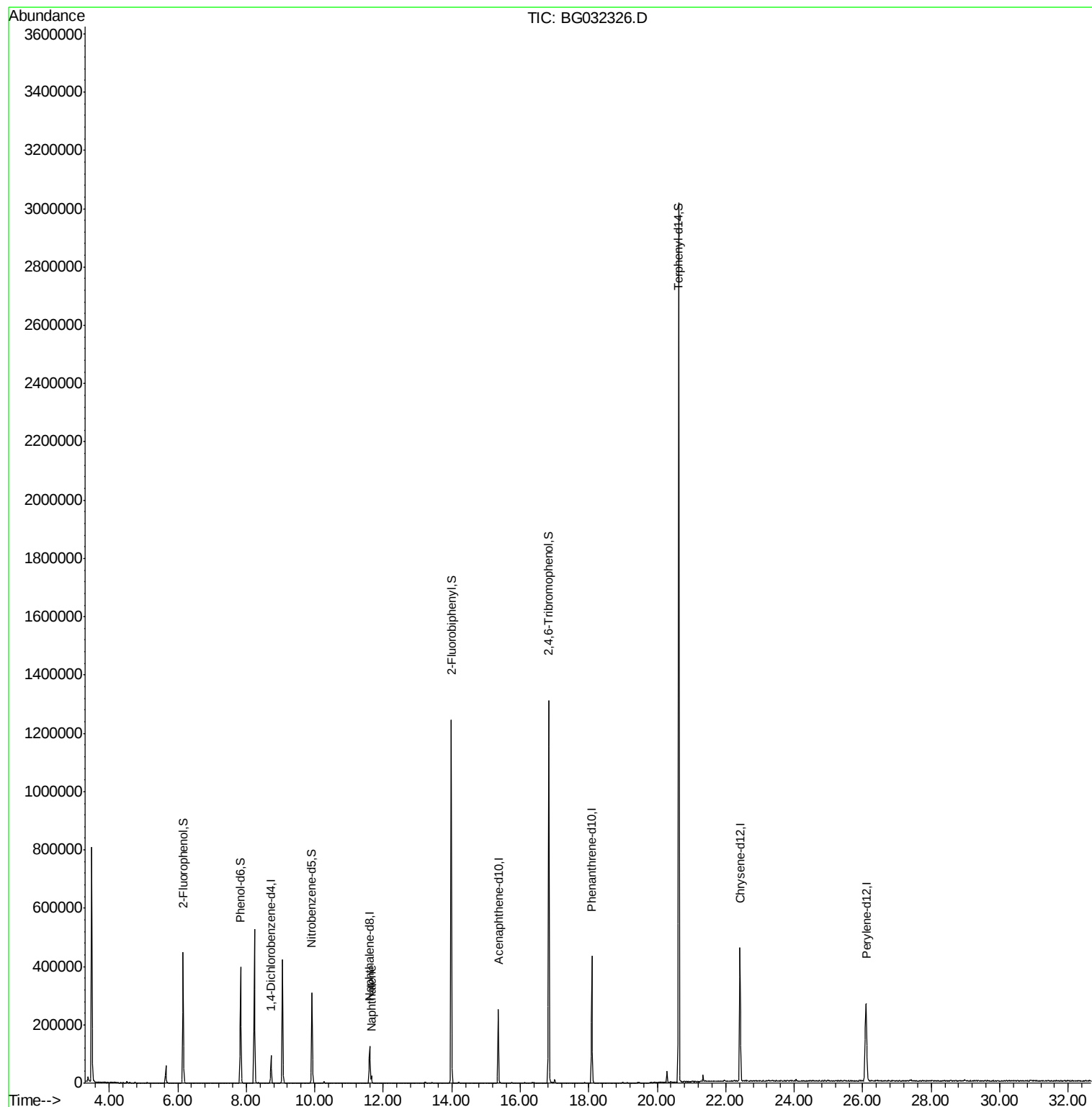
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	30794	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	123683	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	100819	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	290633	20.00	ng	0.00
75) Chrysene-d12	22.41	240	359905	20.00	ng	-0.01
86) Perylene-d12	26.09	264	383509	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	210201	124.84	ng	0.00
7) Phenol-d6	7.83	99	242964	114.58	ng	0.00
23) Nitrobenzene-d5	9.91	82	191492	104.75	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	287500	172.33	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	723917	89.03	ng	0.00
78) Terphenyl-d14	20.63	244	1655828	101.59	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	23151	3.779	ng	Qvalue # 93

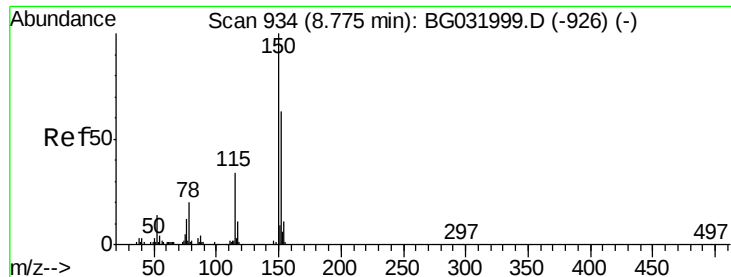
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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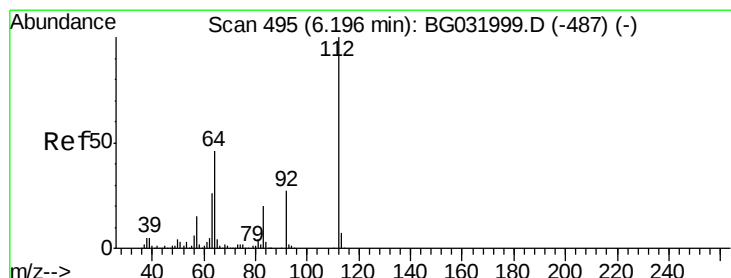
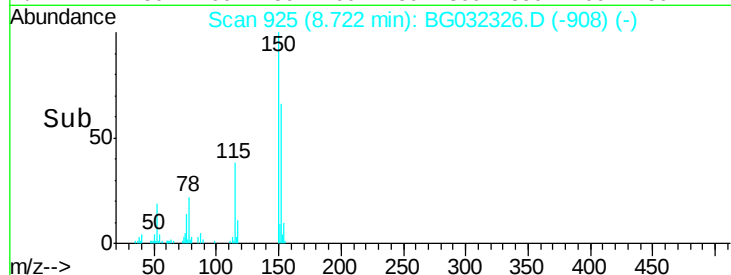
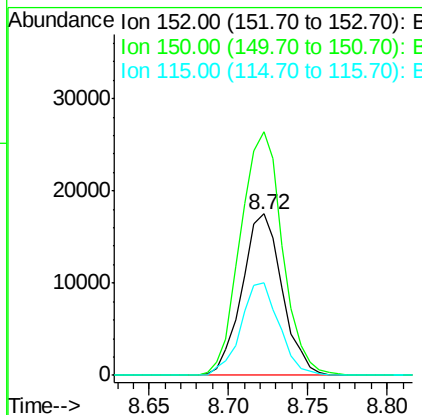
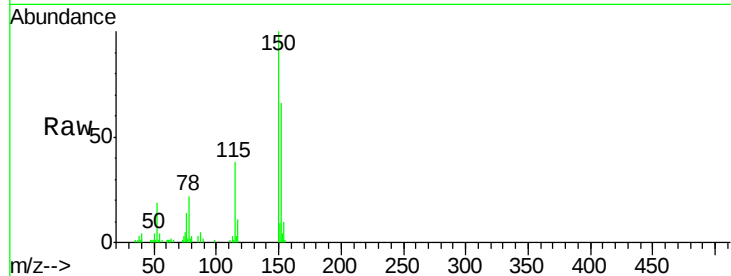


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032326.D
Acq: 26 Jan 2018 12:16

Instrument :
BNA_G
ClientSampleId :
PL-01-012418-D

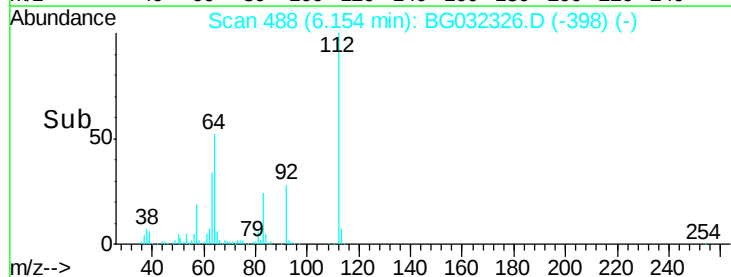
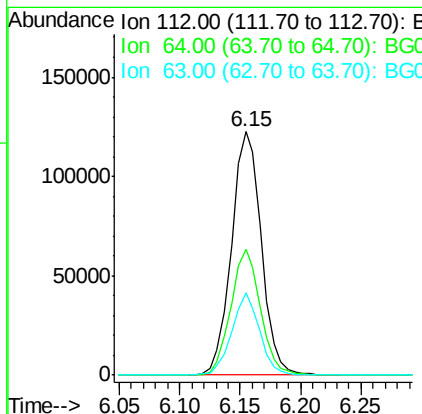
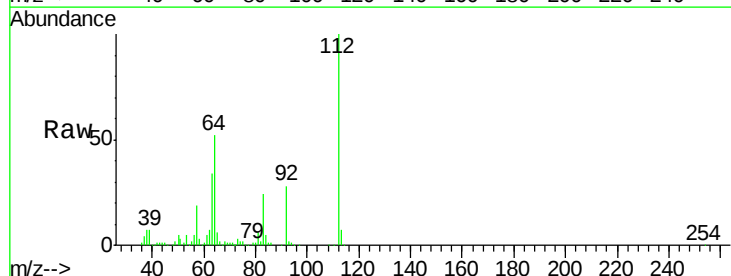
Tot Ion:152 Resp: 30794
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 57.5 53.0 79.4



#5

2-Fluorophenol
Concen: 124.844 ng
RT: 6.15 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032326.D
Acq: 26 Jan 2018 12:16

Tgt Ion:112 Resp: 210201
Ion Ratio Lower Upper
112 100
64 51.9 56.3 84.5#
63 33.8 30.1 45.1





#7

Phenol-d6

Concen: 114.577 ng

RT: 7.83 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032326.D

Acq: 26 Jan 2018 12:16

Instrument :

BNA_G

ClientSampleId :

PL-01-012418-D

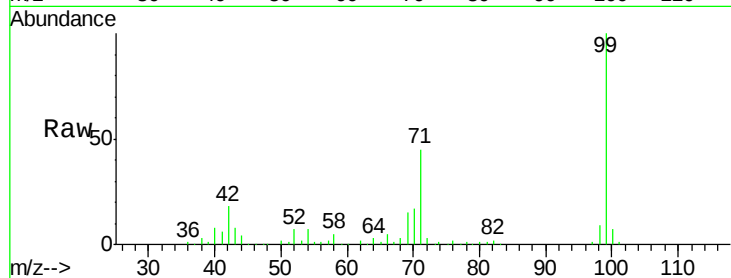
Tot Ion: 99 Resp: 242964

Ion Ratio Lower Upper

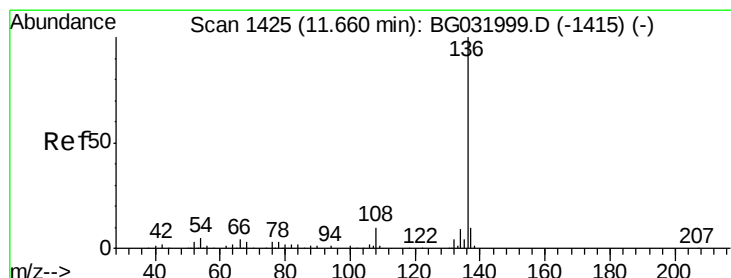
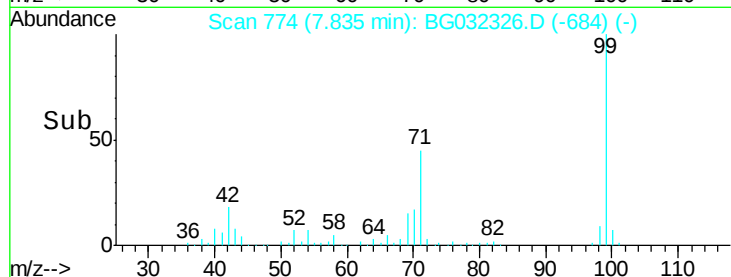
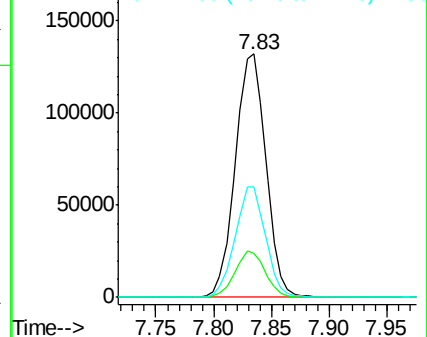
99 100

42 18.2 14.1 21.1

71 45.4 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: BG032326.D

Acq: 26 Jan 2018 12:16

Tgt Ion: 136 Resp: 123683

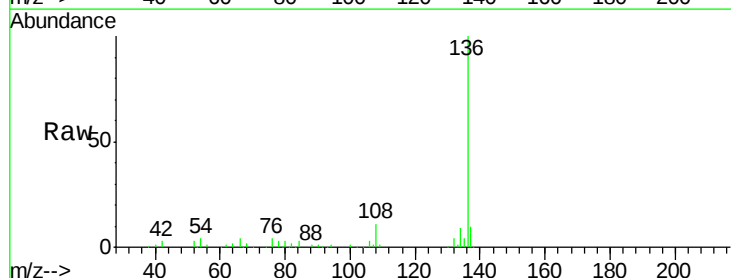
Ion Ratio Lower Upper

136 100

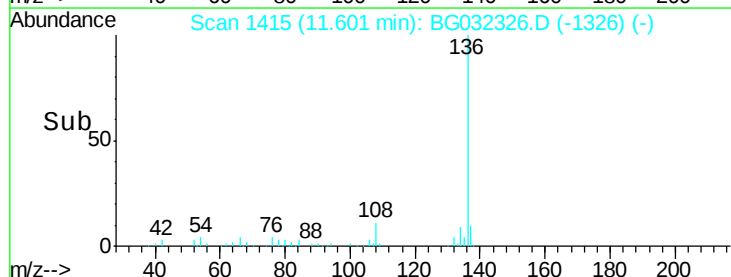
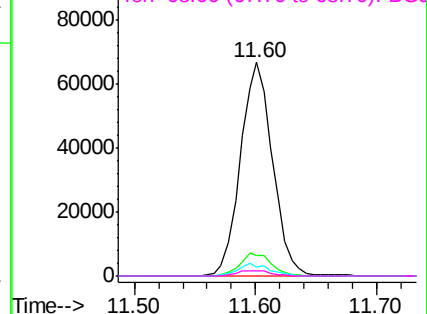
137 9.8 9.2 13.8

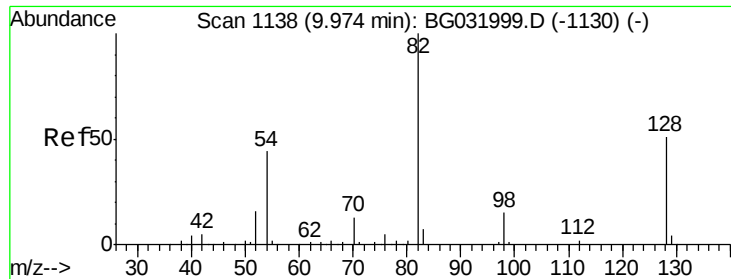
54 4.4 10.3 15.5#

68 2.2 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

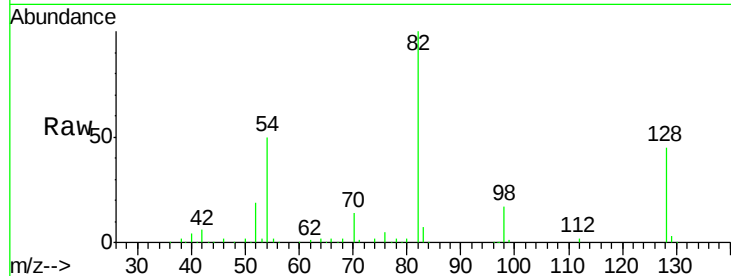




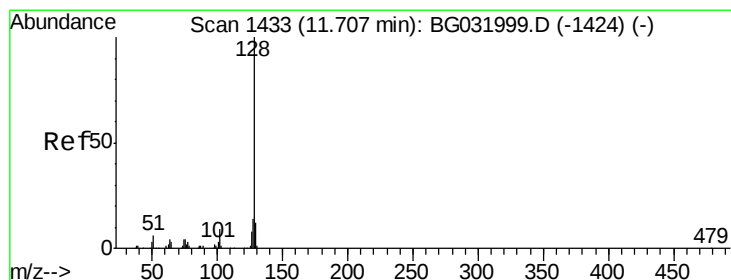
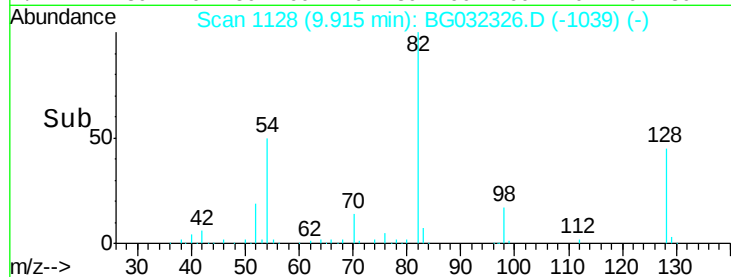
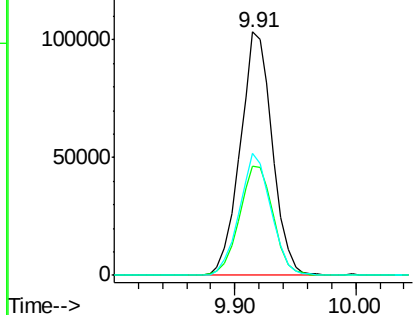
#23
 Nitrobenzene-d5
 Concen: 104.746 ng
 RT: 9.91 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BG032326.D
 Acq: 26 Jan 2018 12:16

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-012418-D

Tot Ion: 82 Resp: 191492
 Ion Ratio Lower Upper
 82 100
 128 44.7 29.7 44.5#
 54 49.9 43.1 64.7

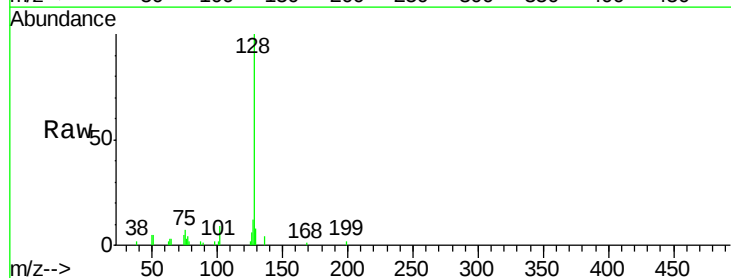


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

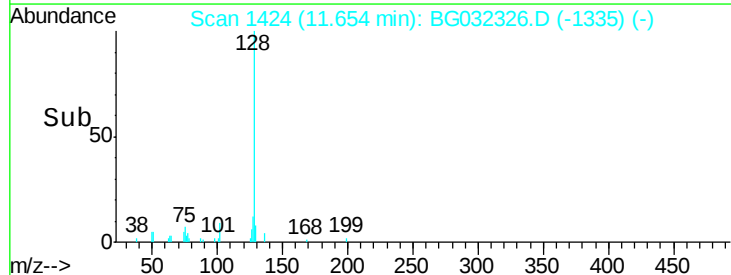
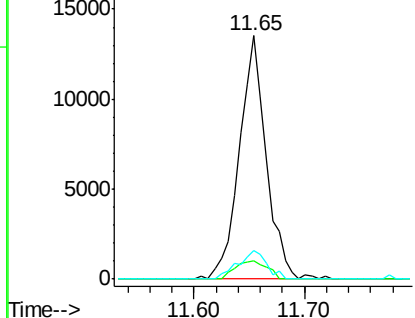


#31
 Naphthalene
 Concen: 3.779 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BG032326.D
 Acq: 26 Jan 2018 12:16

Tgt Ion: 128 Resp: 23151
 Ion Ratio Lower Upper
 128 100
 129 7.8 8.6 12.8#
 127 11.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

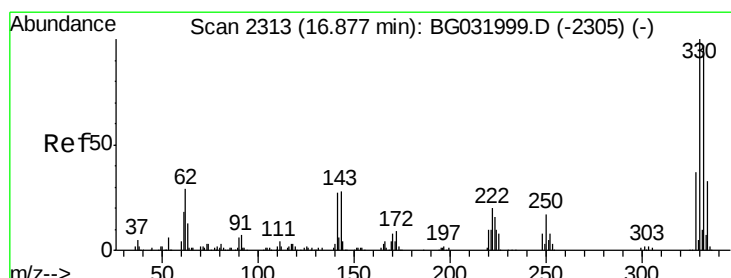
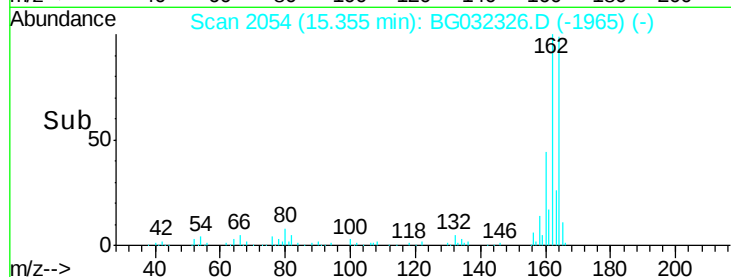
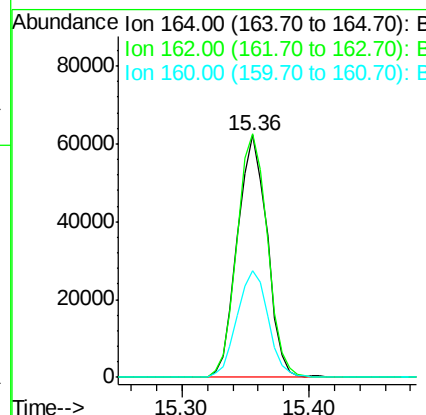
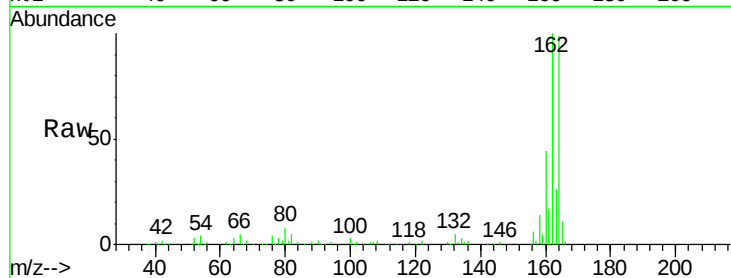




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG032326.D
 Acq: 26 Jan 2018 12:16

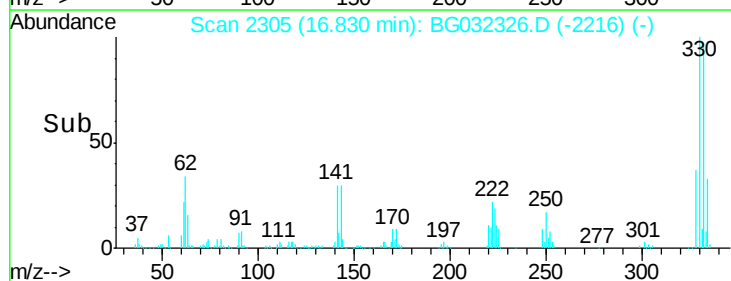
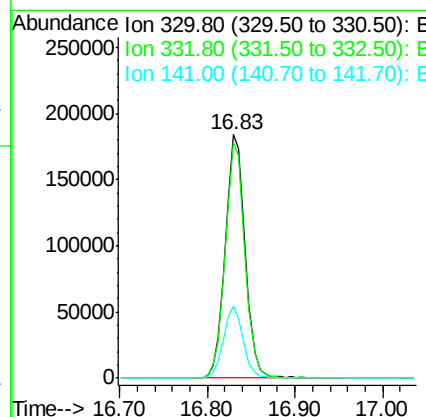
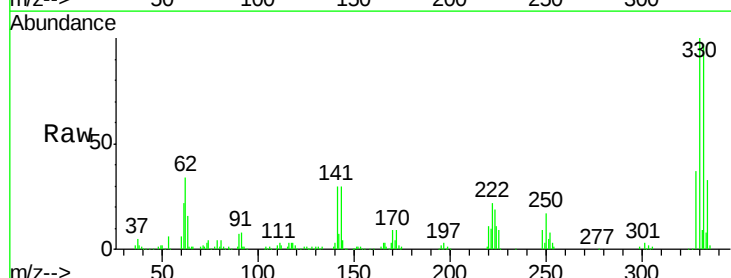
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-012418-D

Tot Ion:164 Resp: 100819
 Ion Ratio Lower Upper
 164 100
 162 100.7 78.8 118.2
 160 44.0 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 172.329 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032326.D
 Acq: 26 Jan 2018 12:16

Tgt Ion:330 Resp: 287500
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 29.3 25.2 37.8

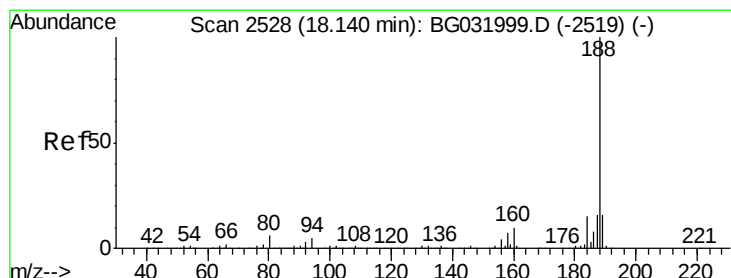
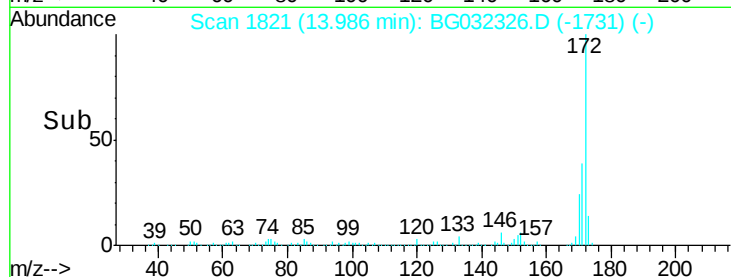
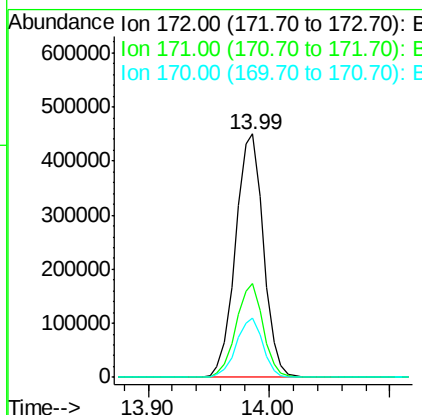
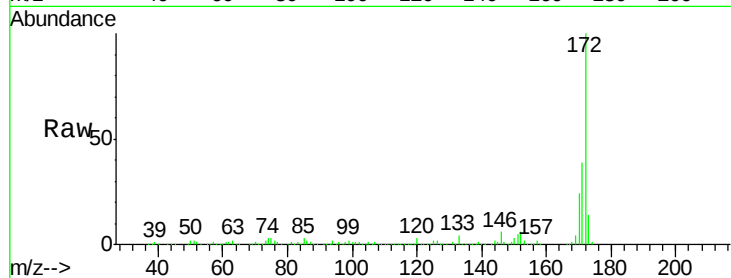




#44
2-Fluorobiphenyl
Concen: 89.033 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG032326.D
Acq: 26 Jan 2018 12:16

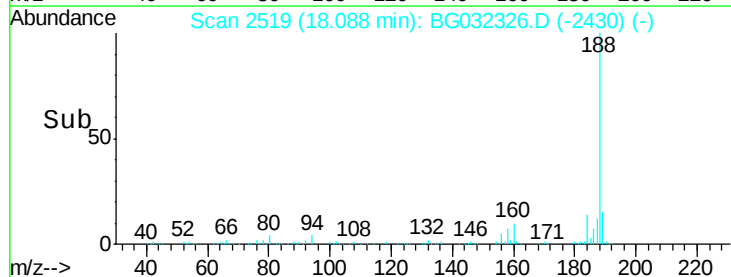
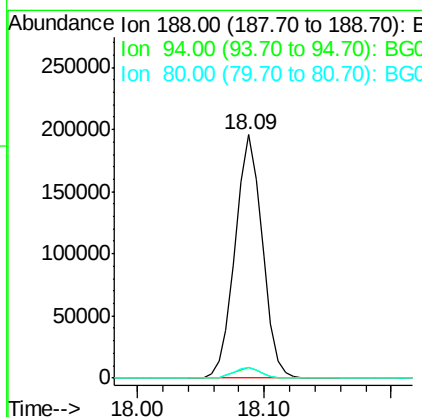
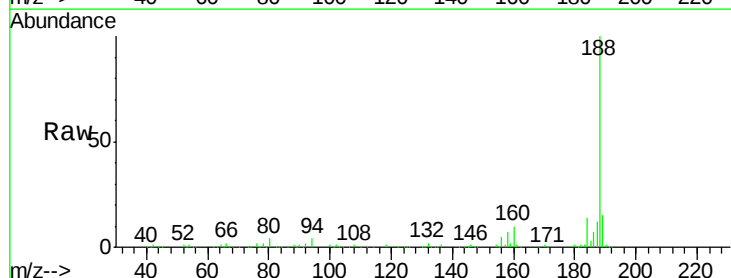
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ClientSampleId :
PL-01-012418-D

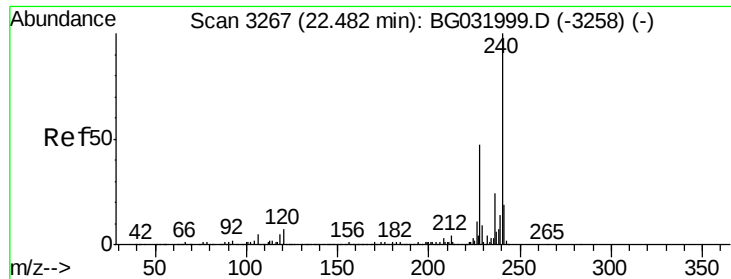
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	24.1	19.5	29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032326.D
Acq: 26 Jan 2018 12:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.4	7.7	11.5#

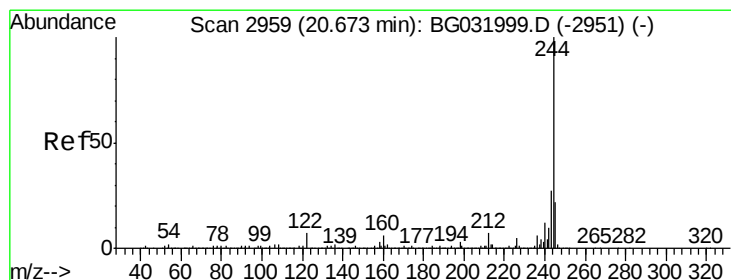
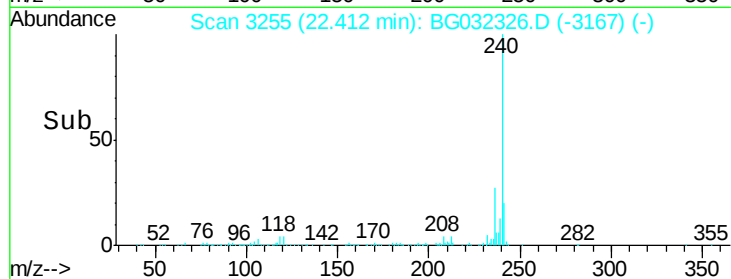
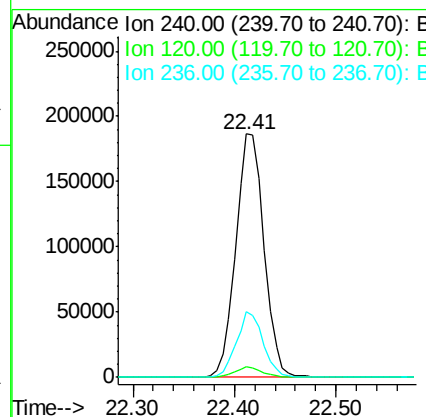
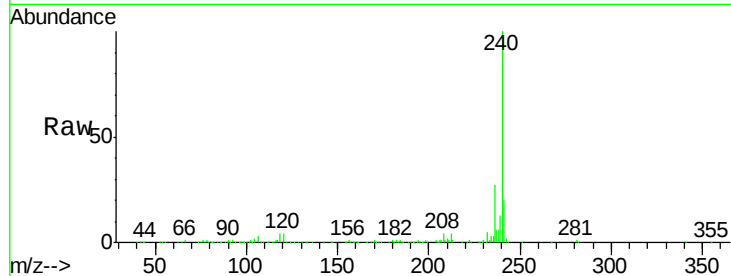




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3255
 Delta R.T. -0.01 min
 Lab File: BG032326.D
 Acq: 26 Jan 2018 12:16

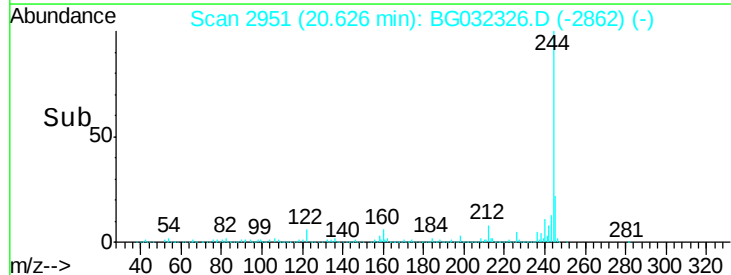
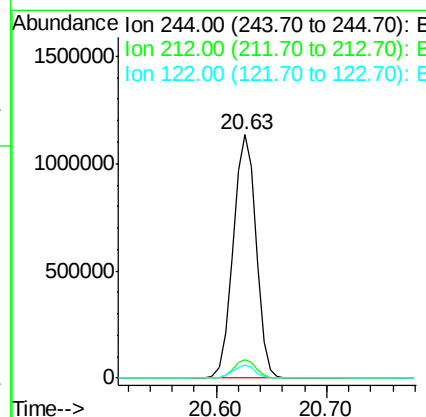
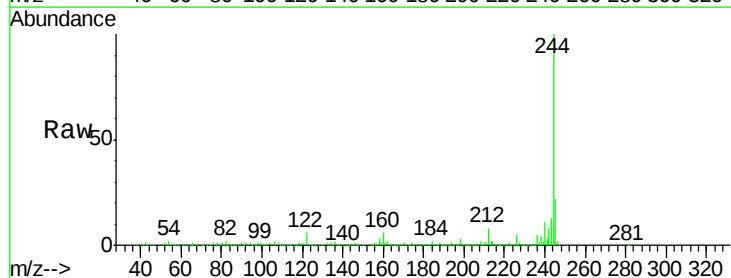
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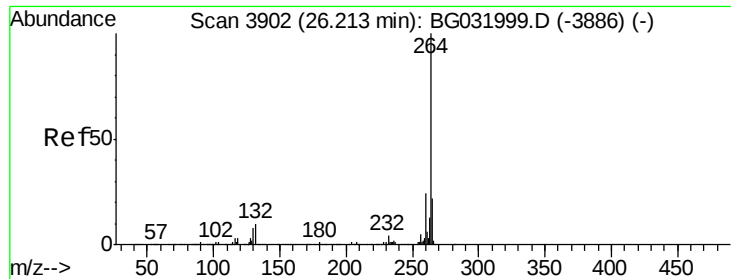
Tot Ion:240 Resp: 359905
 Ion Ratio Lower Upper
 240 100
 120 4.5 6.8 10.2#
 236 27.1 20.9 31.3



#78
 Terphenyl-d14
 Concen: 101.586 ng
 RT: 20.63 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BG032326.D
 Acq: 26 Jan 2018 12:16

Tgt Ion:244 Resp: 1655828
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 5.7 7.0 10.4#

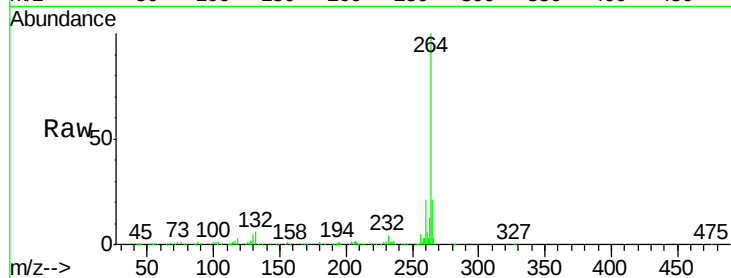




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.09 min Scan# 3881
 Delta R.T. -0.02 min
 Lab File: BG032326.D
 Acq: 26 Jan 2018 12:16

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.4	26.0
265	21.0	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

