

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032305.D
 Acq On : 25 Jan 2018 22:25
 Operator : SJ/JU
 Sample : J1020-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-012418-A

Quant Time: Jan 26 02:26:04 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

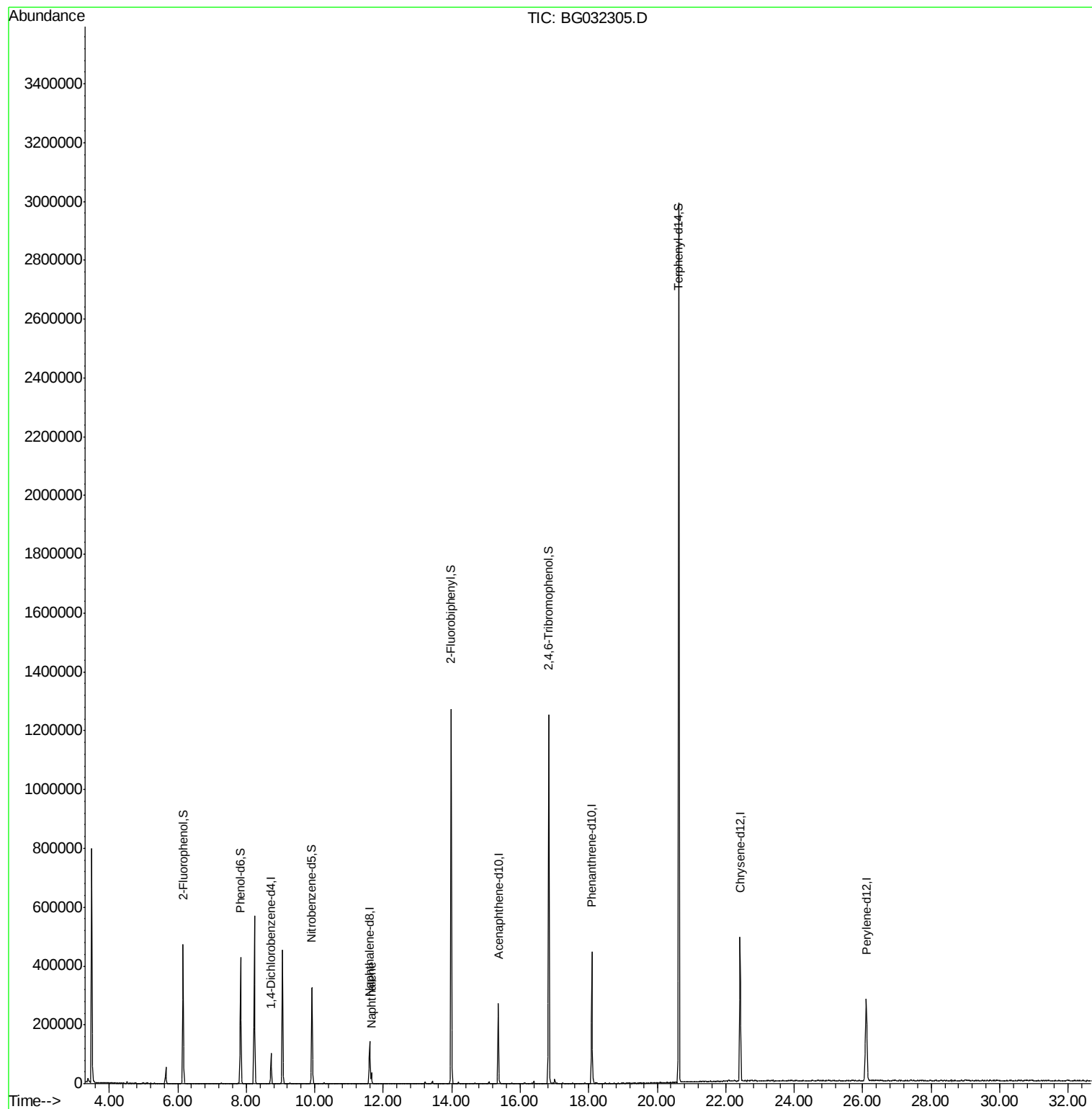
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	32774	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	135826	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	105448	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	301083	20.00	ng	0.00
75) Chrysene-d12	22.42	240	375456	20.00	ng	0.00
86) Perylene-d12	26.10	264	397462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	226402	126.34	ng	0.00
7) Phenol-d6	7.84	99	265874	117.81	ng	0.00
23) Nitrobenzene-d5	9.92	82	206121	102.67	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	288331	165.24	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	763253	89.75	ng	0.00
78) Terphenyl-d14	20.63	244	1672493	98.36	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	36601	5.440	ng	Qvalue # 96

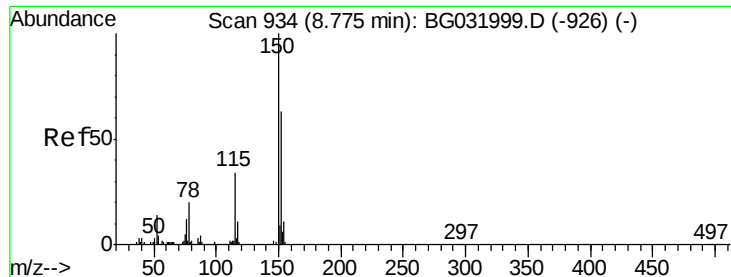
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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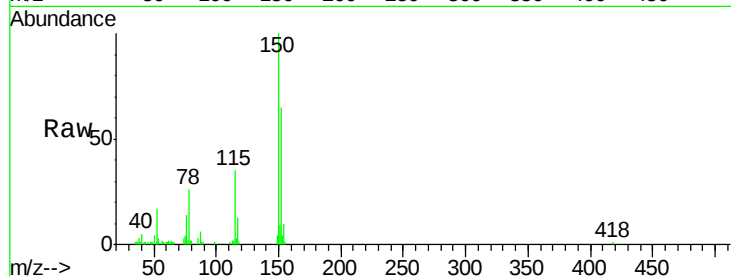


#1

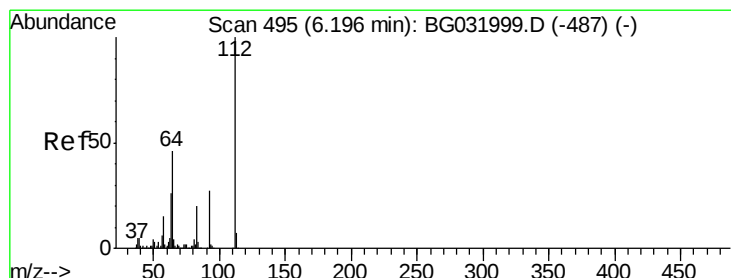
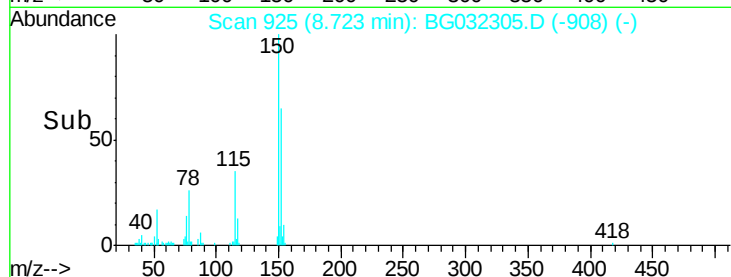
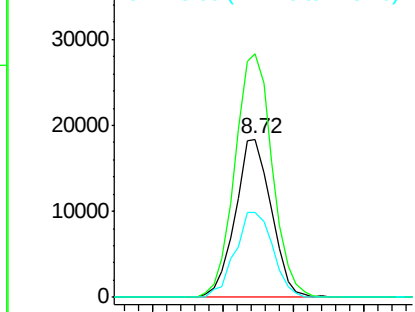
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-A

Tot Ion:152 Resp: 32774
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 53.9 53.0 79.4



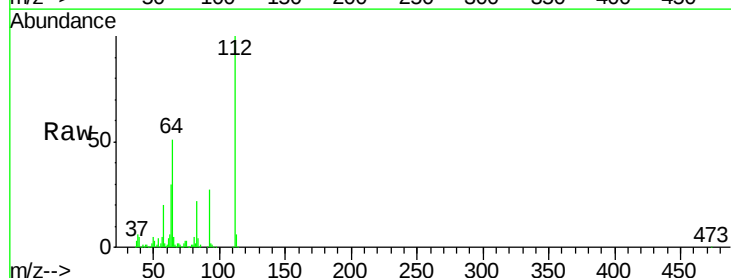
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



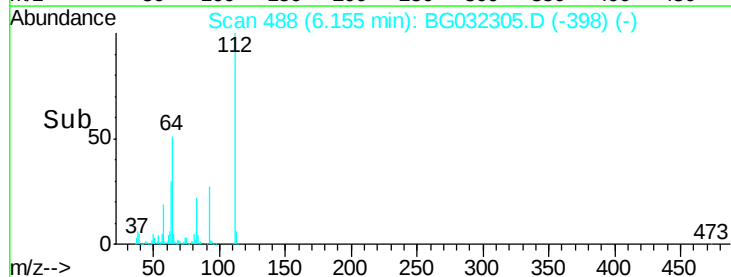
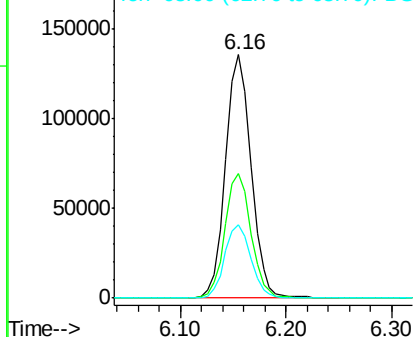
#5

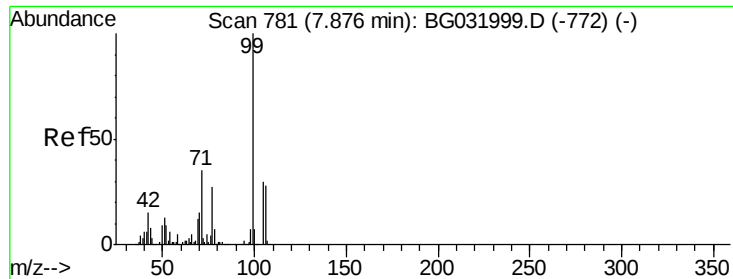
2-Fluorophenol
Concen: 126.342 ng
RT: 6.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Tgt Ion:112 Resp: 226402
Ion Ratio Lower Upper
112 100
64 50.9 56.3 84.5#
63 30.1 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: 117.806 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032305.D

Acq: 25 Jan 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PL-02-012418-A

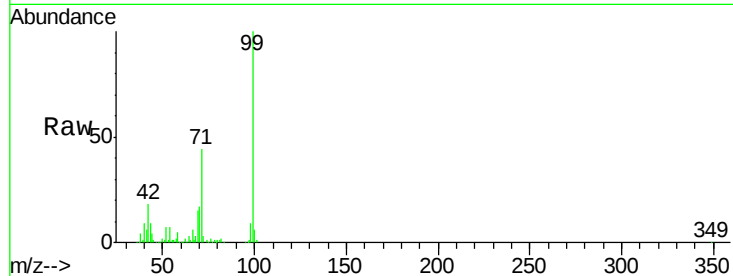
Tot Ion: 99 Resp: 265874

Ion Ratio Lower Upper

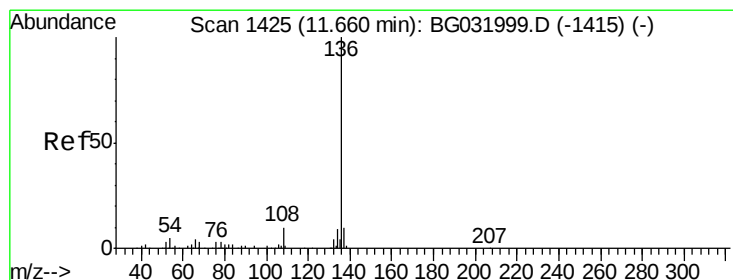
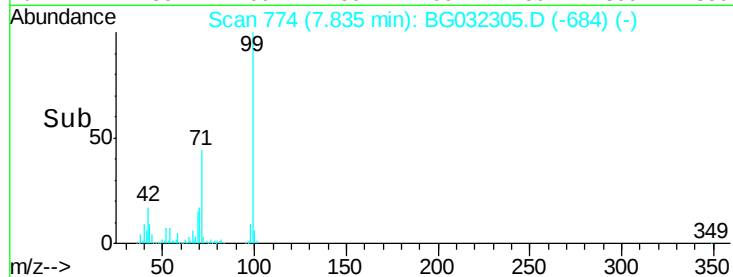
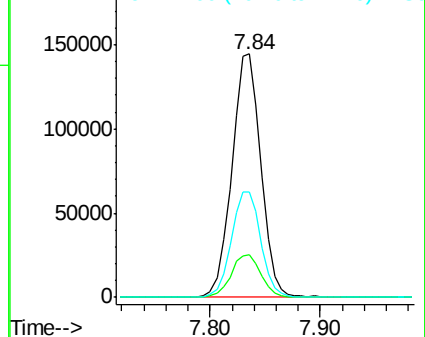
99 100

42 17.6 14.1 21.1

71 43.5 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: BG032305.D

Acq: 25 Jan 2018 22:25

Tgt Ion: 136 Resp: 135826

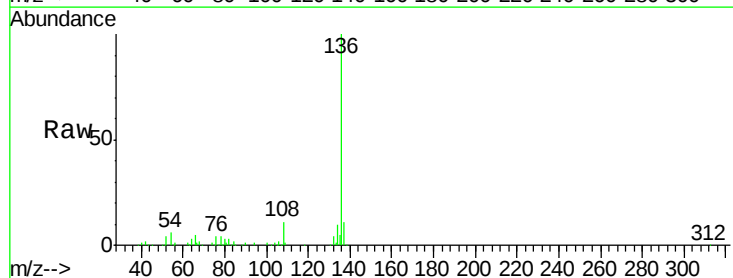
Ion Ratio Lower Upper

136 100

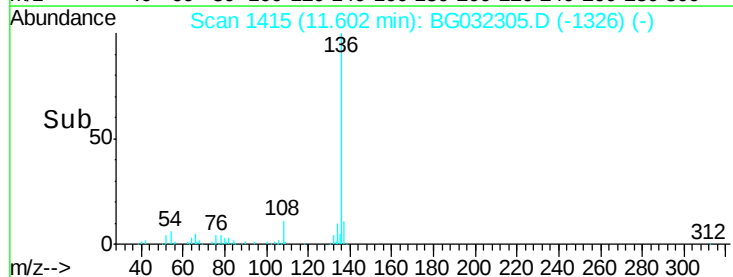
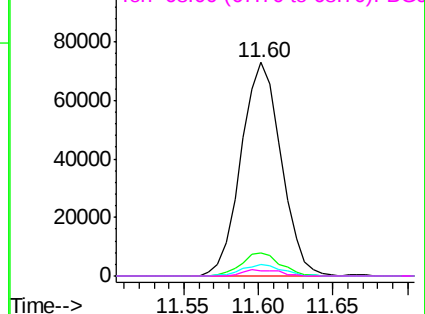
137 10.5 9.2 13.8

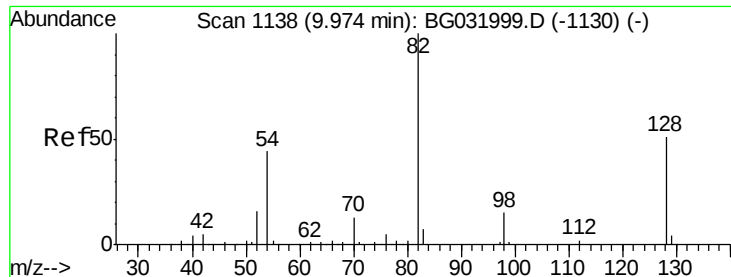
54 5.6 10.3 15.5#

68 2.5 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

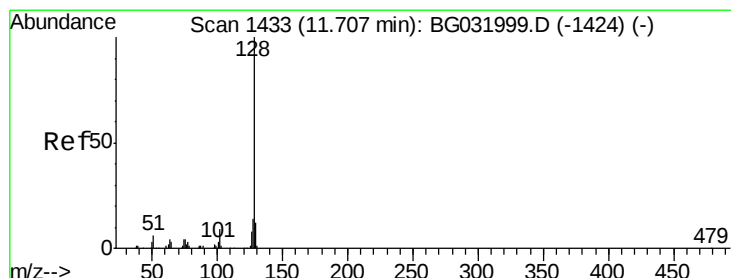
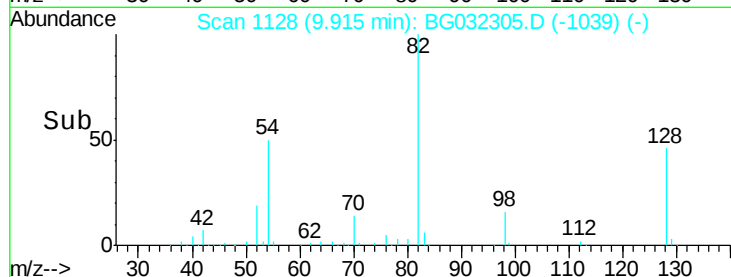
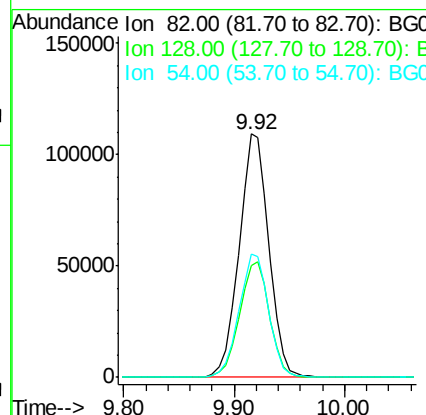
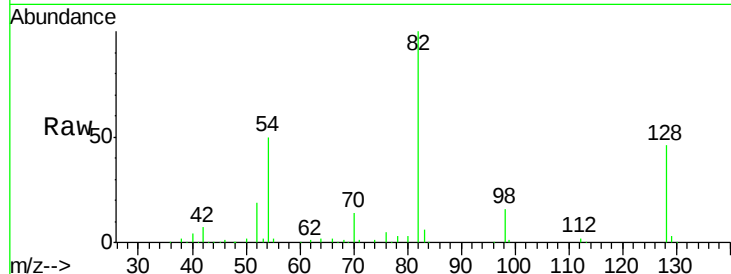




#23
 Nitrobenzene-d5
 Concen: 102.668 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BG032305.D
 Acq: 25 Jan 2018 22:25

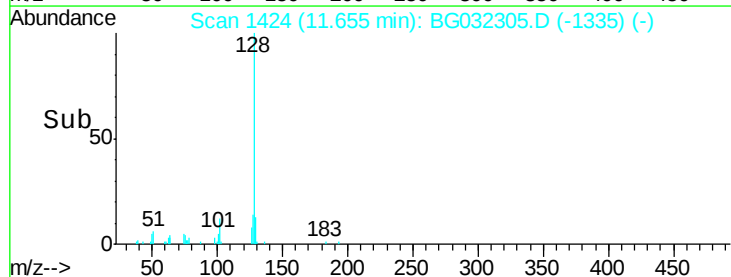
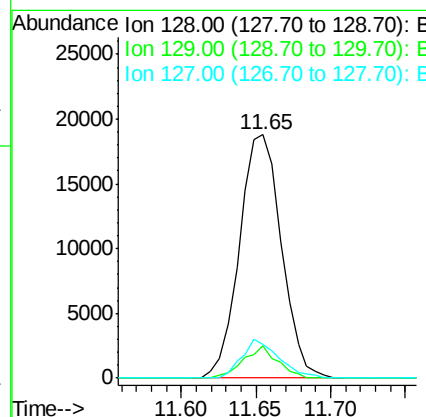
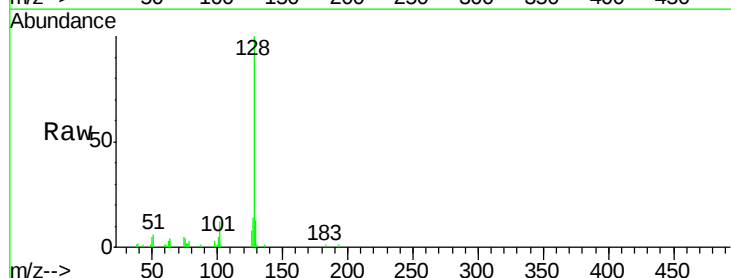
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-012418-A

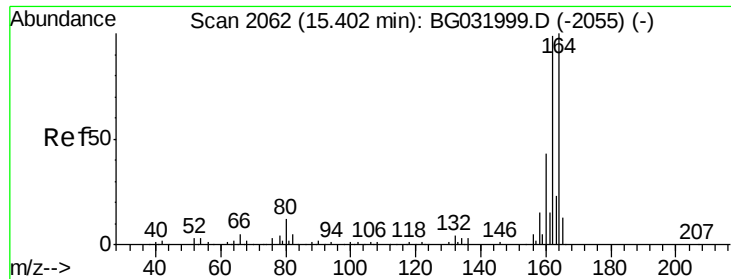
Tot Ion	82	Resp	206121
Ion Ratio	Lower	Upper	
82	100		
128	45.7	29.7	44.5#
54	50.5	43.1	64.7



#31
 Naphthalene
 Concen: 5.440 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BG032305.D
 Acq: 25 Jan 2018 22:25

Tgt Ion	128	Resp	36601
Ion Ratio	Lower	Upper	
128	100		
129	13.1	8.6	12.8#
127	13.7	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: BG032305.D

Acq: 25 Jan 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PL-02-012418-A

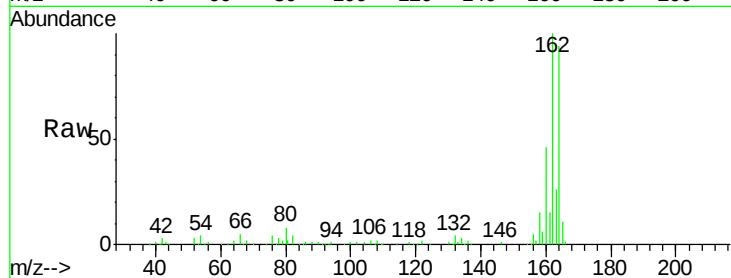
Tot Ion:164 Resp: 105448

Ion Ratio Lower Upper

164 100

162 106.2 78.8 118.2

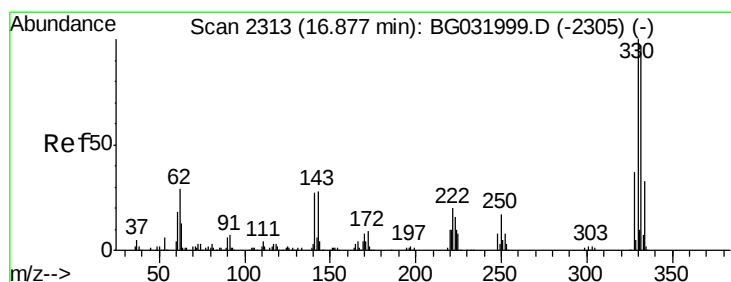
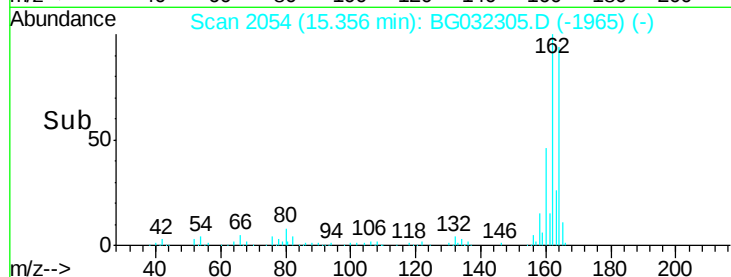
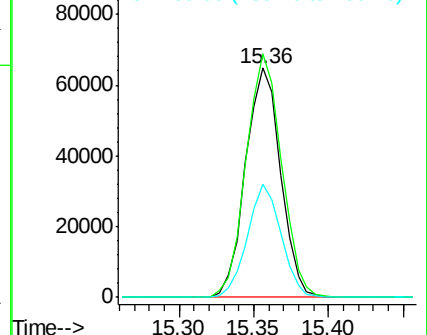
160 49.1 35.4 53.0



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: 165.240 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032305.D

Acq: 25 Jan 2018 22:25

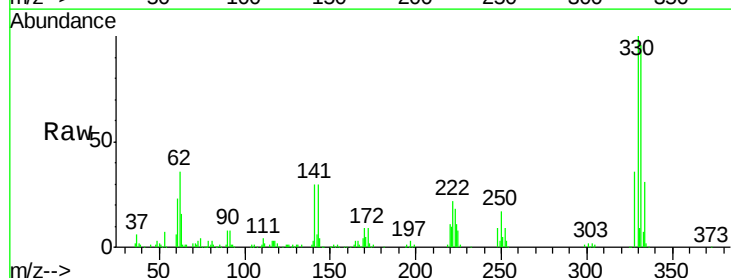
Tgt Ion:330 Resp: 288331

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

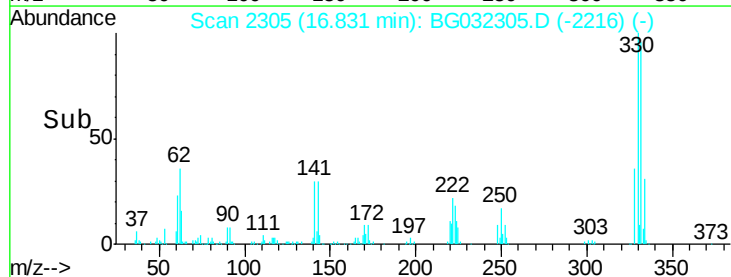
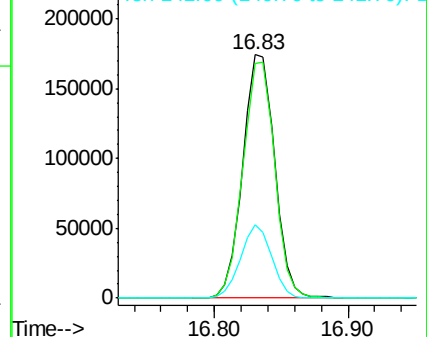
141 29.2 25.2 37.8

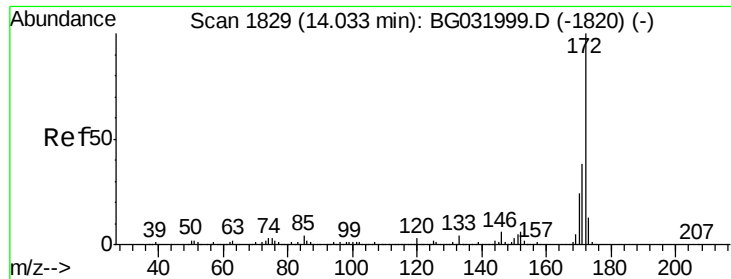


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

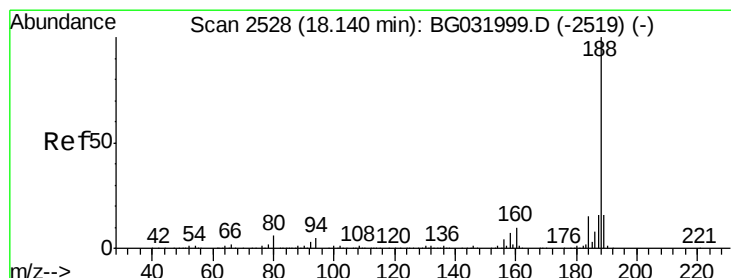
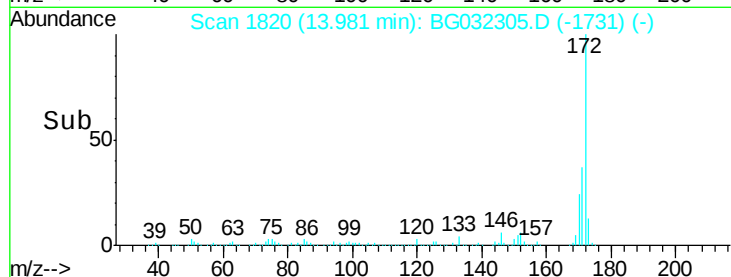
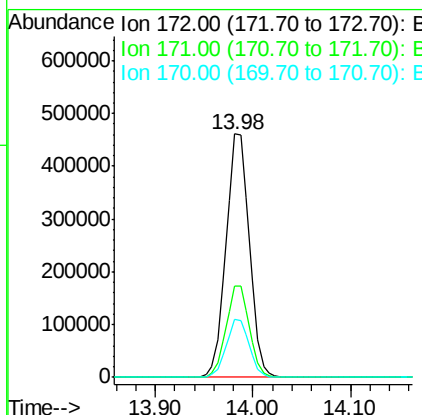
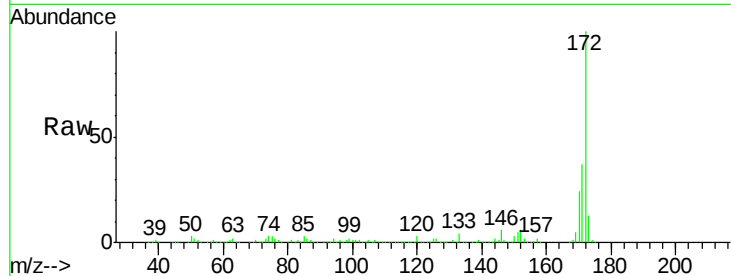




#44
 2-Fluorobiphenyl
 Concen: 89.750 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032305.D
 Acq: 25 Jan 2018 22:25

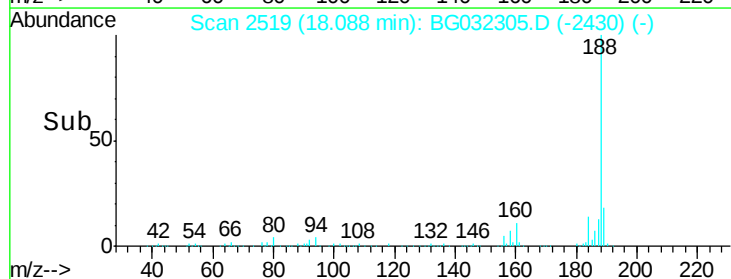
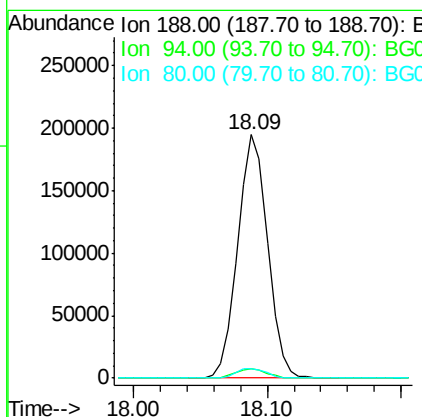
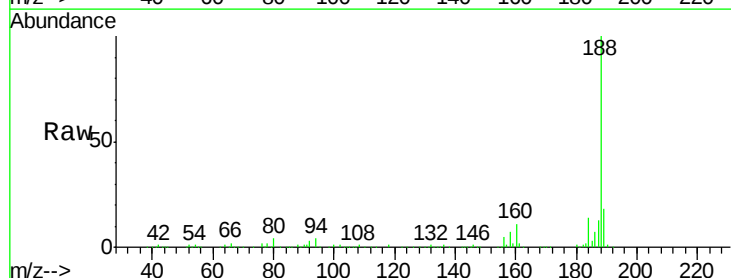
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-012418-A

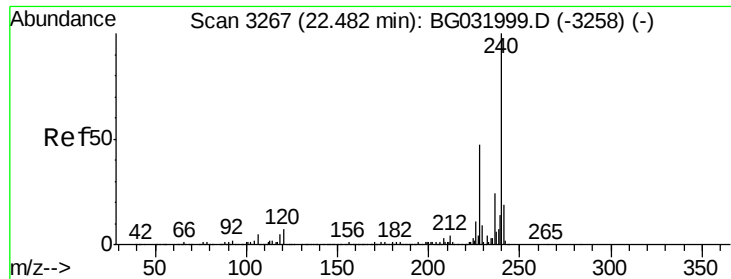
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.8	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BG032305.D
 Acq: 25 Jan 2018 22:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.8	6.9	10.3#
80	4.0	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: BG032305.D

Acq: 25 Jan 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PL-02-012418-A

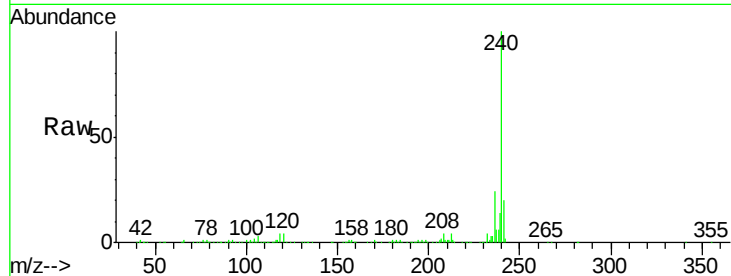
Tot Ion:240 Resp: 375456

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

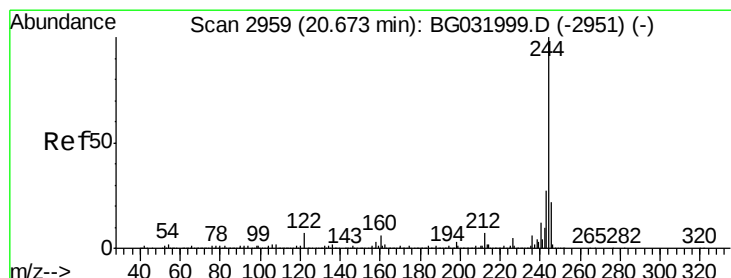
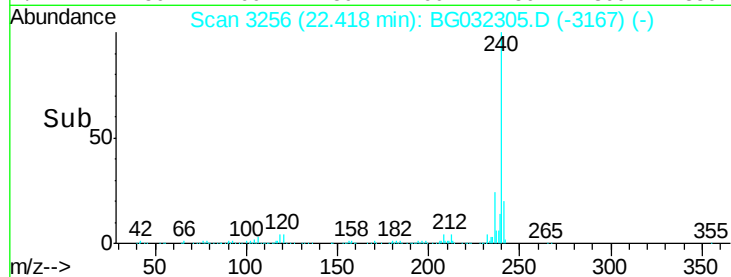
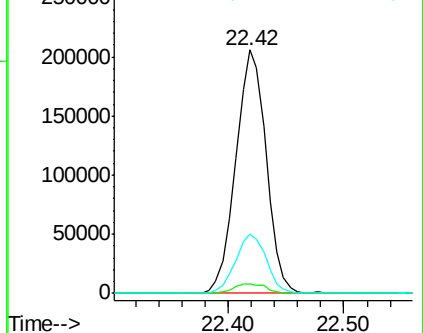
236 24.3 20.9 31.3



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



#78

Terphenyl-d14

Concen: 98.359 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032305.D

Acq: 25 Jan 2018 22:25

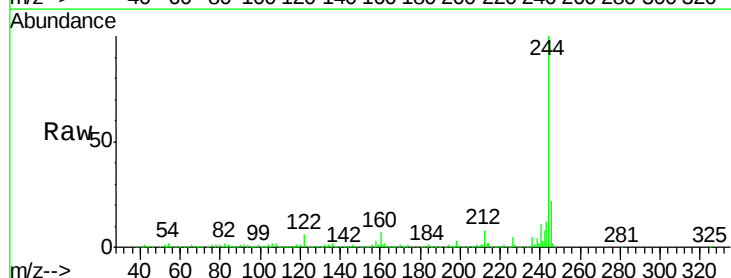
Tgt Ion:244 Resp: 1672493

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

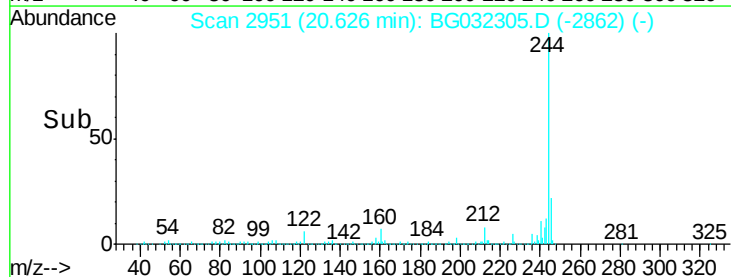
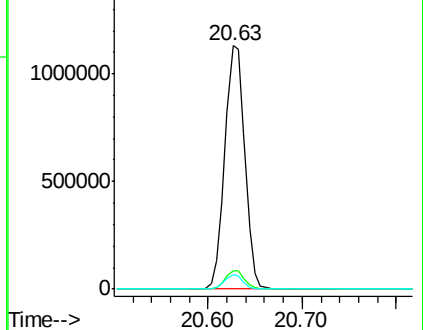
122 6.1 7.0 10.4#

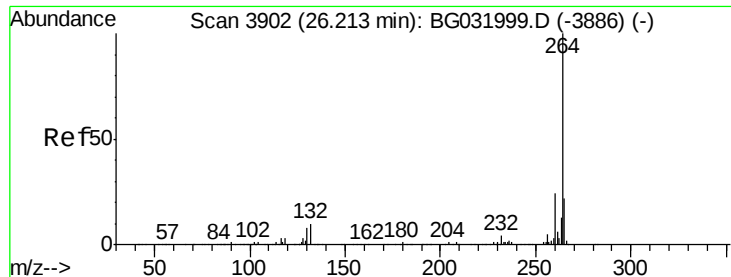


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.7	17.7	26.5

