

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032705.D
 Acq On : 15 Feb 2018 7:46
 Operator : SJ/JU
 Sample : J1541-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-A-1-3

Quant Time: Feb 15 11:09:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	25661	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	105274	20.00	ng	-0.02
38) Acenaphthene-d10	15.29	164	61438	20.00	ng	-0.02
63) Phenanthrene-d10	18.03	188	217735	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	298772	20.00	ng	-0.02
86) Perylene-d12	25.99	264	357032	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	174470	136.41	ng	-0.01
7) Phenol-d6	7.78	99	169797	97.09	ng	-0.02
23) Nitrobenzene-d5	9.85	82	155467	93.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	205854	217.60	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	595146	121.14	ng	-0.01
78) Terphenyl-d14	20.58	244	1469356	112.09	ng	0.00

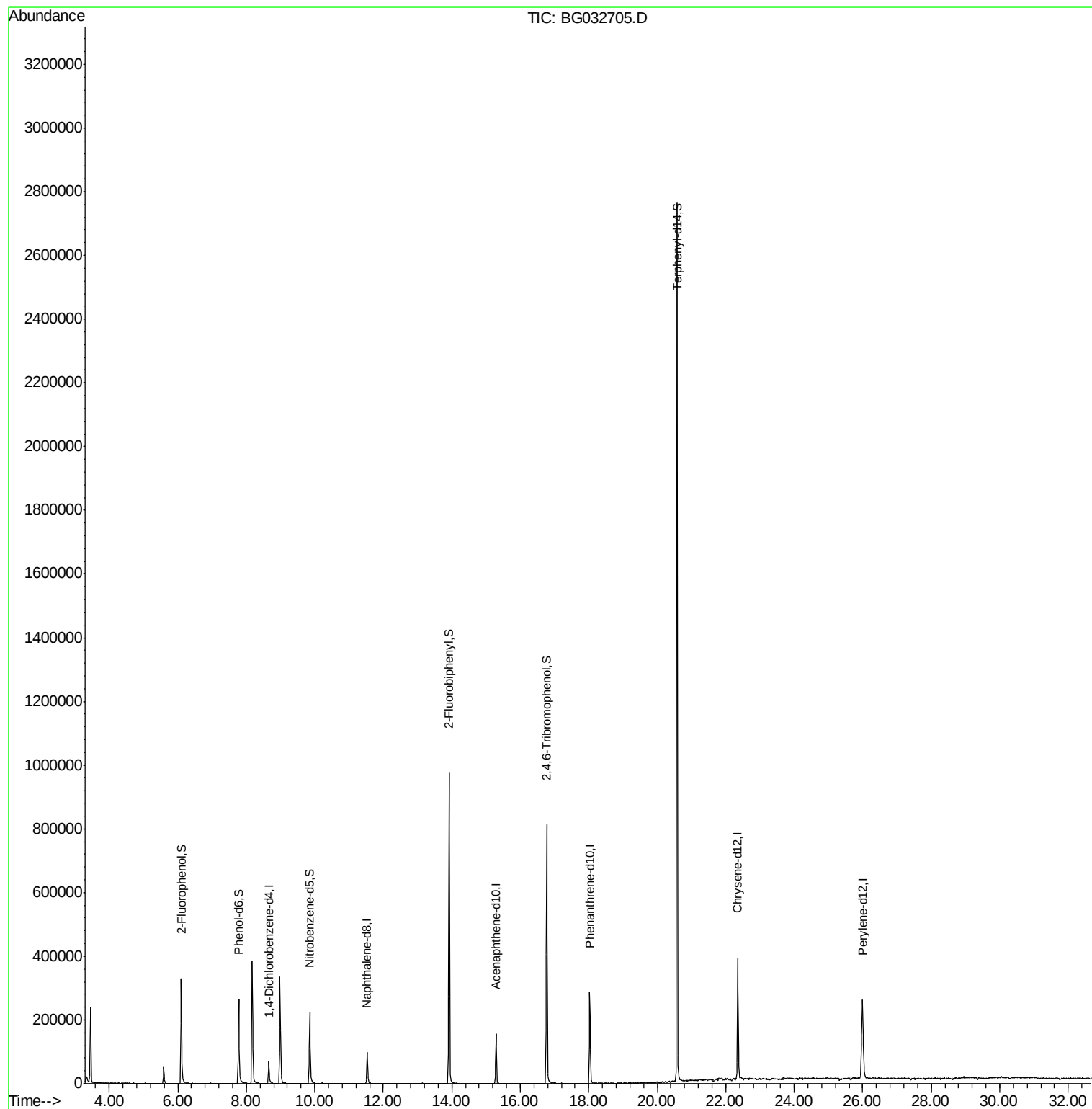
Target Compounds Qvalue

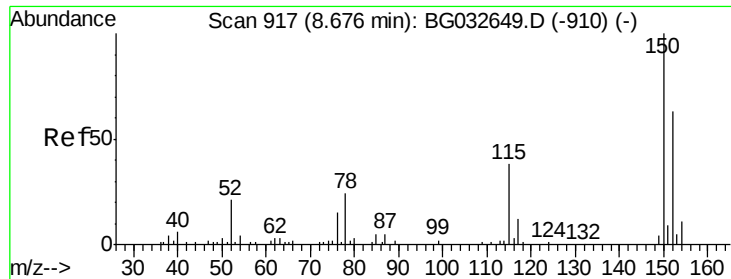
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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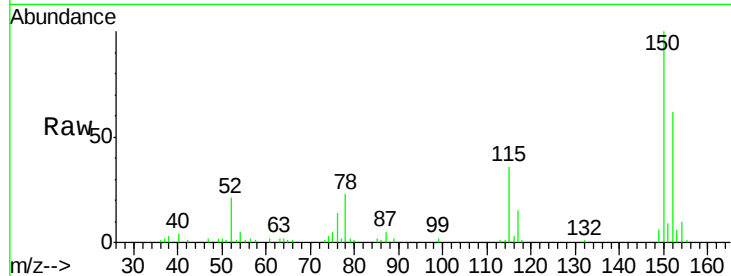


#1

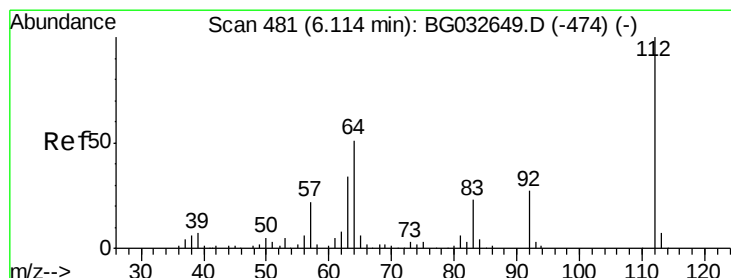
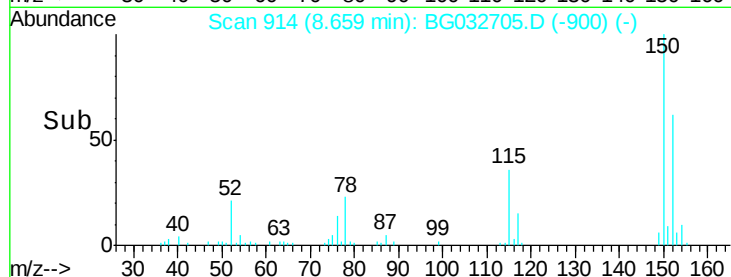
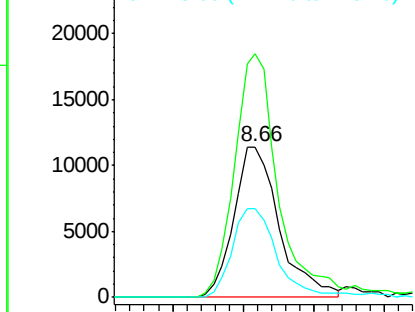
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032705.D
Acq: 15 Feb 2018 7:46

Instrument :
BNA_G
ClientSampleId :
SAMPLE-A-1-3

Tot Ion:152 Resp: 25661
Ion Ratio Lower Upper
152 100
150 162.0 126.6 189.8
115 59.1 53.0 79.4



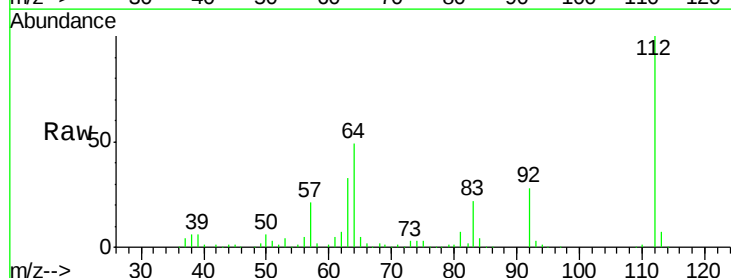
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



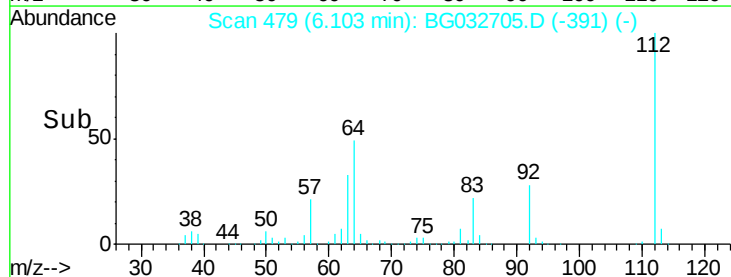
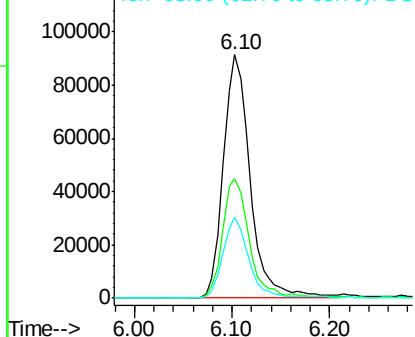
#5

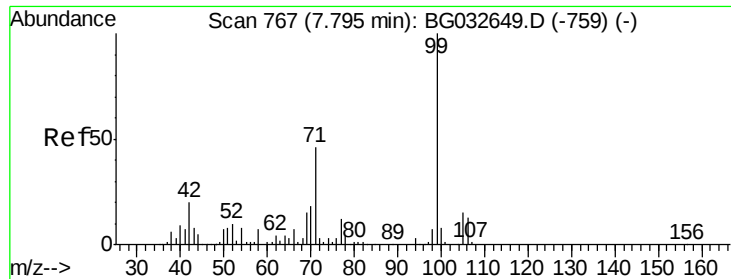
2-Fluorophenol
Concen: 136.412 ng
RT: 6.10 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG032705.D
Acq: 15 Feb 2018 7:46

Tgt Ion:112 Resp: 174470
Ion Ratio Lower Upper
112 100
64 49.1 56.3 84.5#
63 33.2 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: 97.089 ng

RT: 7.78 min Scan# 764

Delta R.T. -0.02 min

Lab File: BG032705.D

Acq: 15 Feb 2018 7:46

Instrument :

BNA_G

ClientSampleId :

SAMPLE-A-1-3

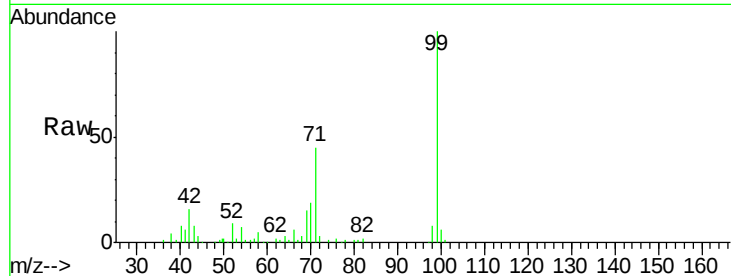
Tot Ion: 99 Resp: 169797

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 44.5 26.1 39.1#

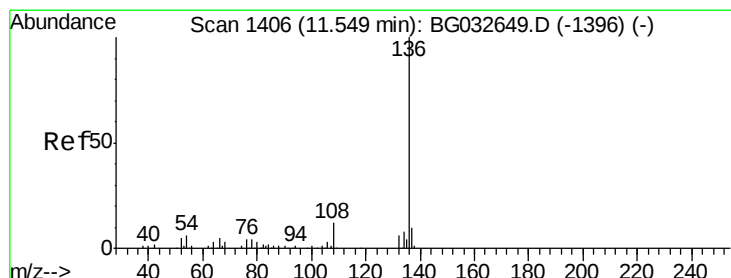
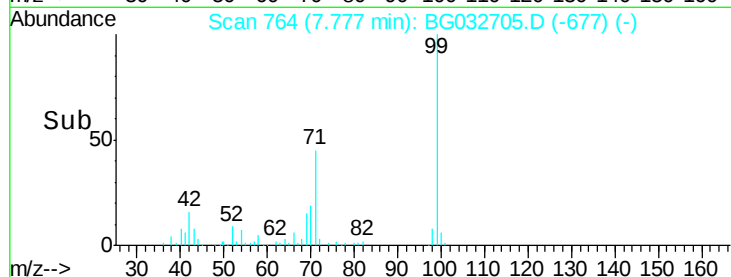
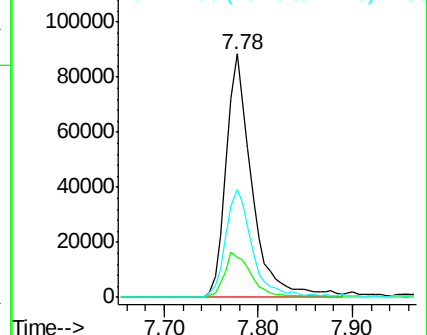


Abundance

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: 11.53 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG032705.D

Acq: 15 Feb 2018 7:46

Tgt Ion: 136 Resp: 105274

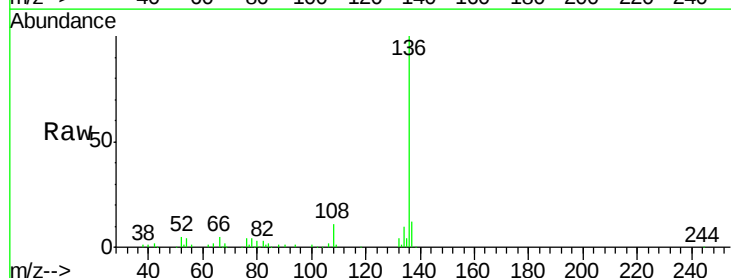
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 3.5 10.3 15.5#

68 2.8 4.5 6.7#



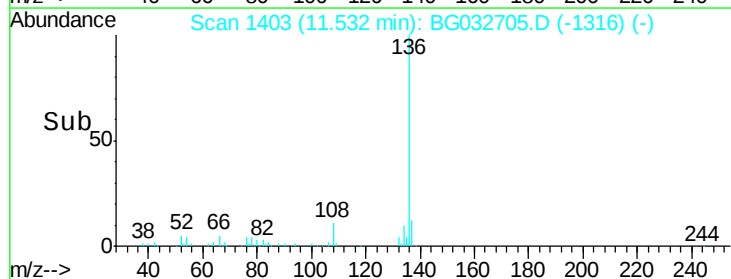
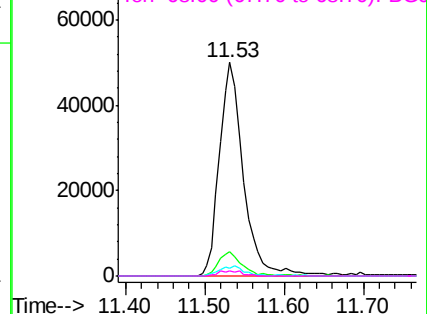
Abundance

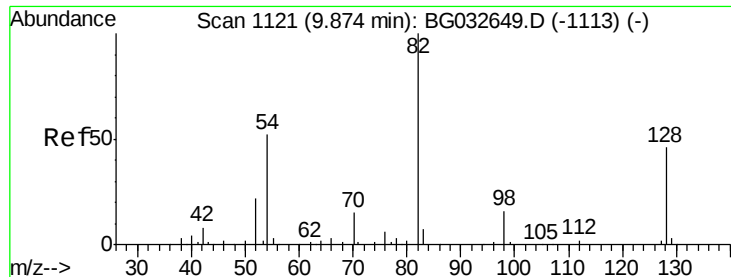
Ion 136.00 (135.70 to 136.70): BGC

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

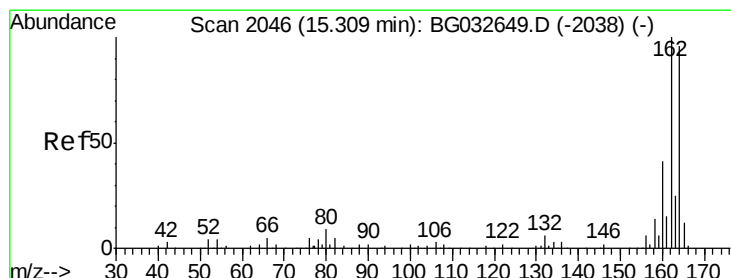
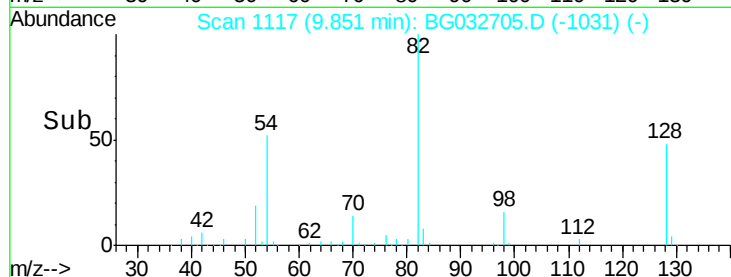
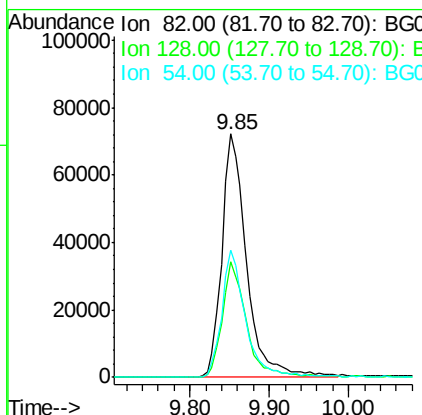
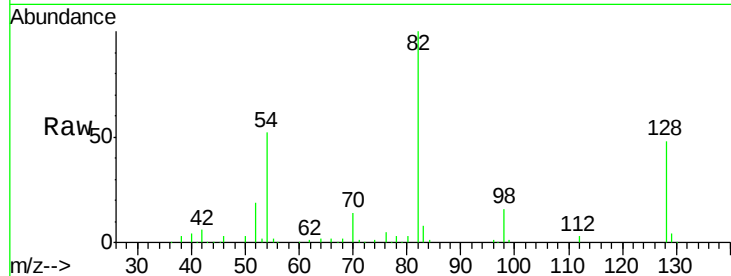




#23
 Nitrobenzene-d5
 Concen: 93.857 ng
 RT: 9.85 min Scan# 1117
 Delta R.T. -0.02 min
 Lab File: BG032705.D
 Acq: 15 Feb 2018 7:46

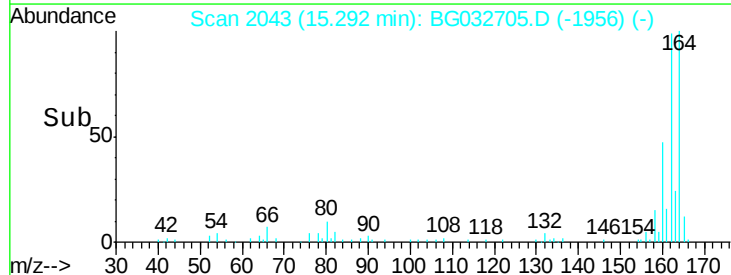
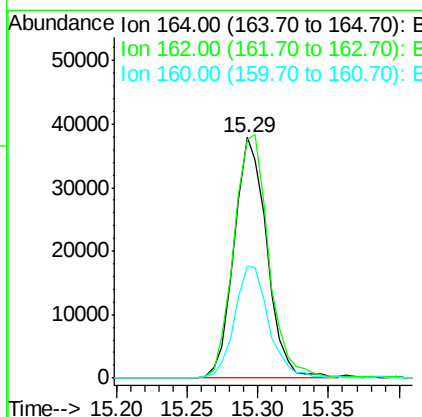
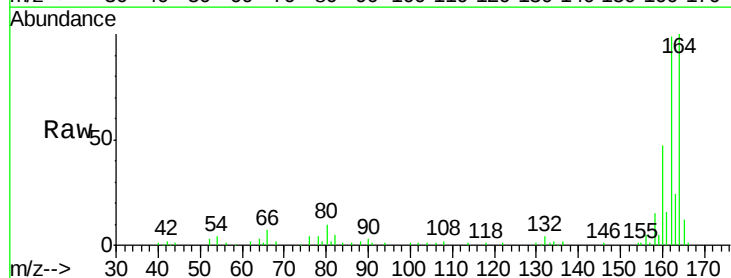
Instrument :
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 SAMPLE-A-1-3

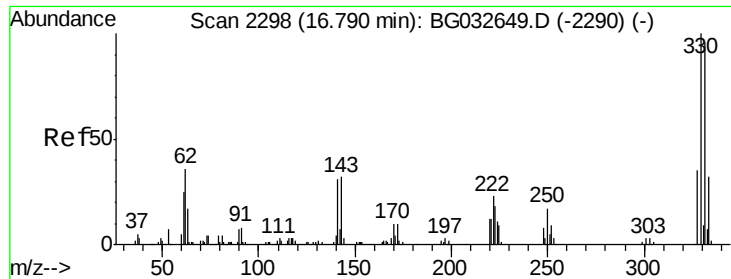
Tot Ion	82	Resp	155467
Ion Ratio	Lower	Upper	
82	100		
128	47.5	29.7	44.5#
54	52.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG032705.D
 Acq: 15 Feb 2018 7:46

Tgt Ion	164	Resp	61438
Ion Ratio	Lower	Upper	
164	100		
162	99.1	78.8	118.2
160	46.6	35.4	53.0

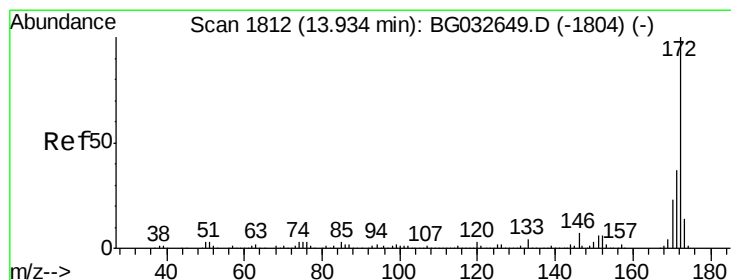
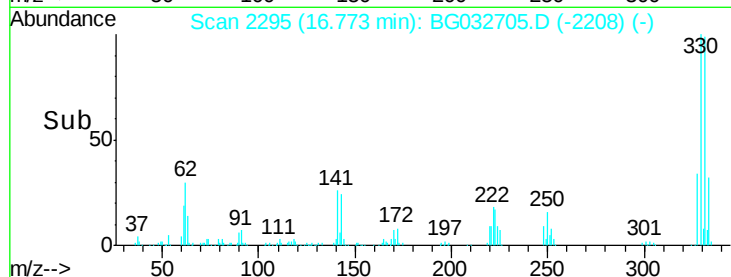
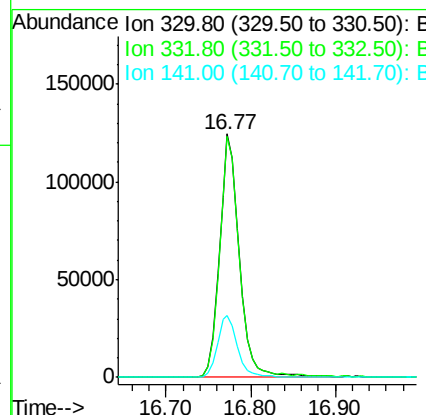
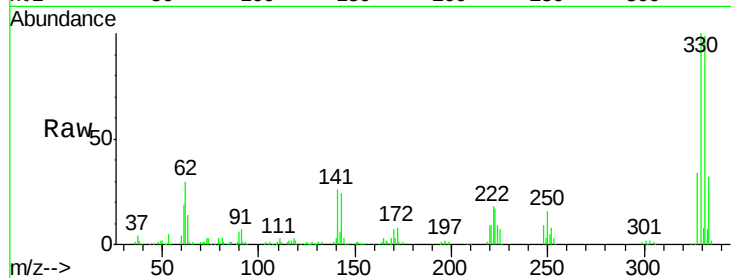




#41
 2,4,6-Tribromophenol
 Concen: 217.601 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.02 min
 Lab File: BG032705.D
 Acq: 15 Feb 2018 7:46

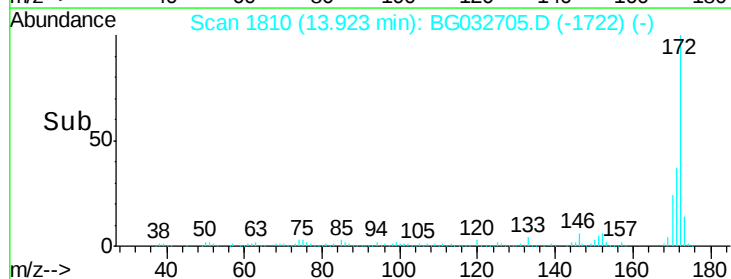
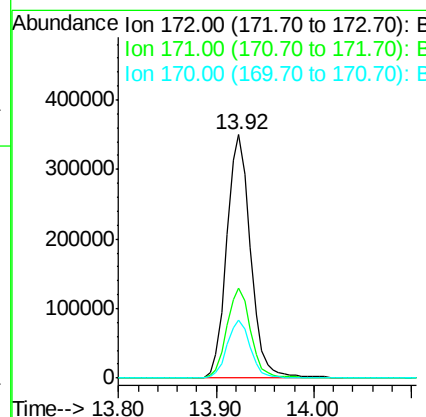
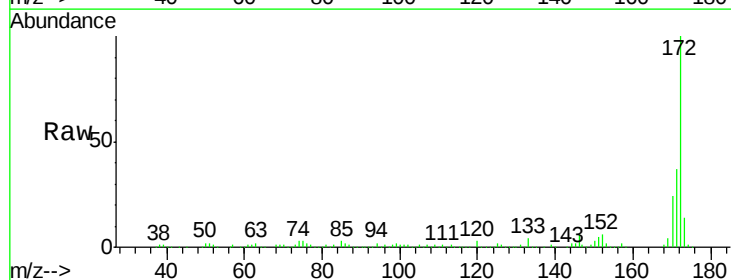
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-A-1-3

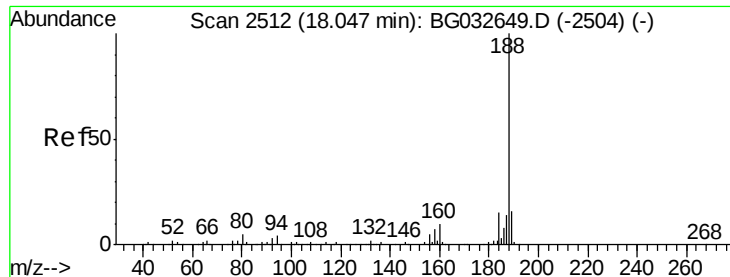
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	25.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 121.138 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG032705.D
 Acq: 15 Feb 2018 7:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.9	19.5	29.3

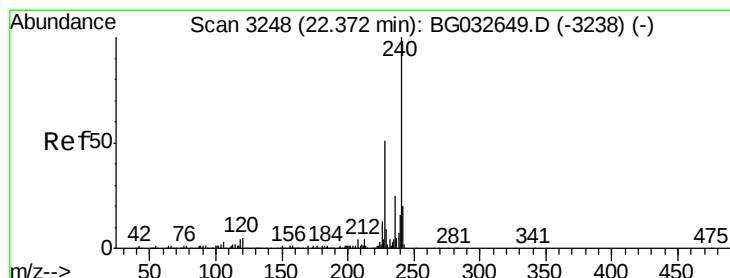
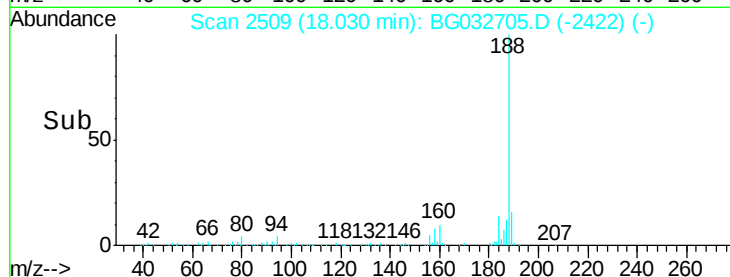
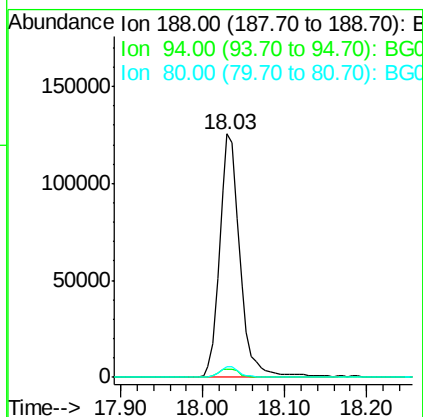
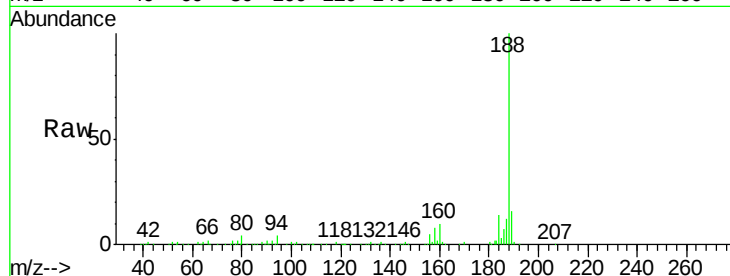




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.03 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG032705.D
Acq: 15 Feb 2018 7:46

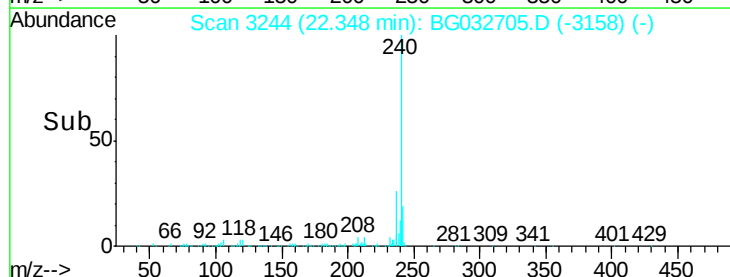
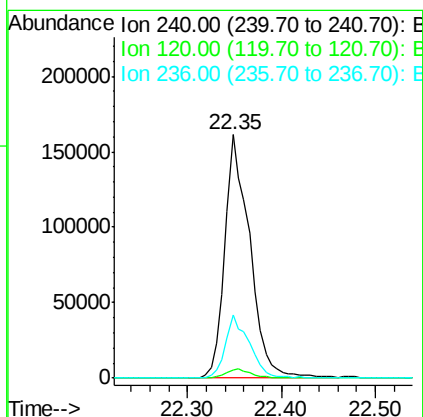
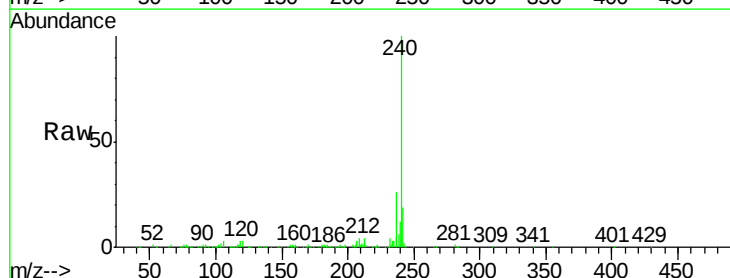
Instrument :
BNA_G
ClientSampleId :
SAMPLE-A-1-3

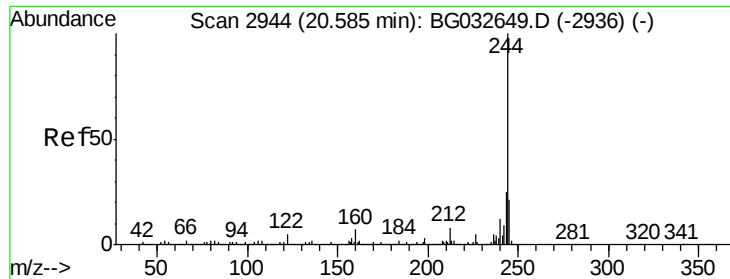
Tot Ion:188 Resp: 217735
Ion Ratio Lower Upper
188 100
94 3.5 6.9 10.3#
80 4.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BG032705.D
Acq: 15 Feb 2018 7:46

Tgt Ion:240 Resp: 298772
Ion Ratio Lower Upper
240 100
120 3.3 6.8 10.2#
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 112.091 ng

RT: 20.58 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG032705.D

Acq: 15 Feb 2018 7:46

Instrument :

BNA_G

ClientSampleId :

SAMPLE-A-1-3

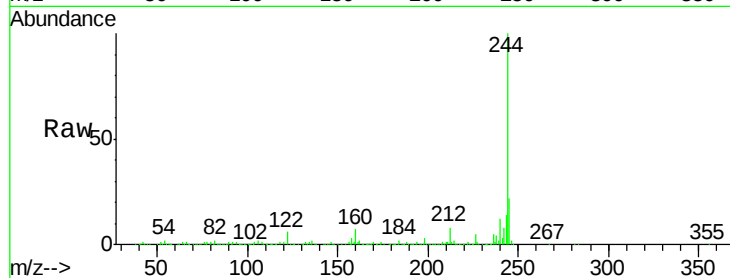
Tot Ion:244 Resp: 1469356

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

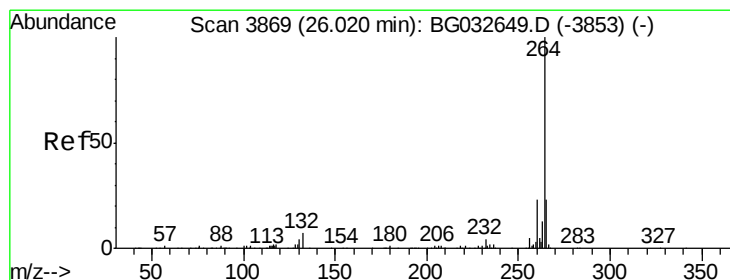
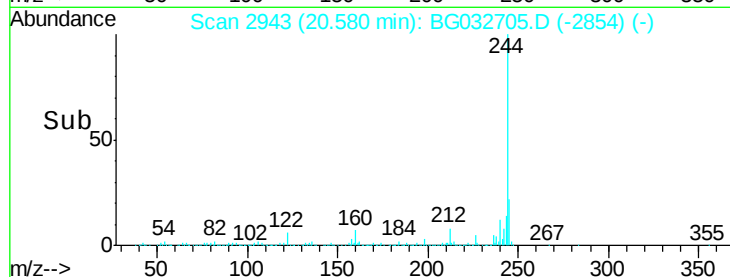
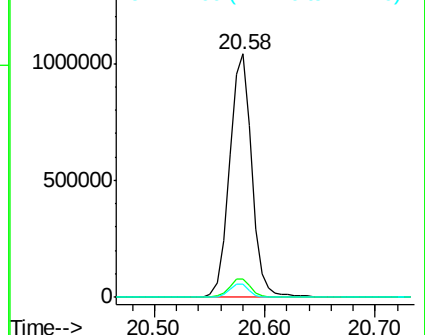
122 5.6 7.0 10.4



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: 25.99 min Scan# 3864

Delta R.T. -0.03 min

Lab File: BG032705.D

Acq: 15 Feb 2018 7:46

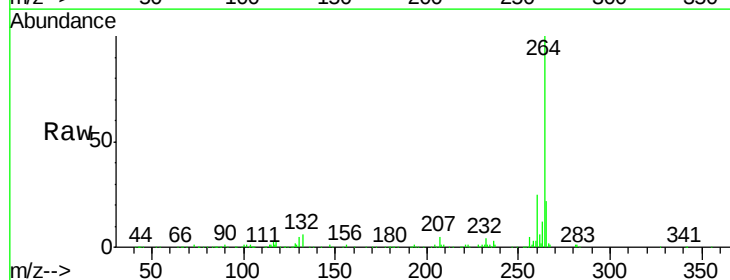
Tgt Ion:264 Resp: 357032

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.7 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

