

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031376.D
 Acq On : 6 Dec 2017 18:20
 Operator : SJ/JU
 Sample : I6676-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-120417

Quant Time: Dec 07 02:40:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	67531	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	294130	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	187965	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	489398	20.00	ng	0.00
75) Chrysene-d12	21.77	240	556940	20.00	ng	0.00
86) Perylene-d12	25.06	264	514095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	531507	134.96	ng	0.00
7) Phenol-d6	7.30	99	625269	117.85	ng	0.00
23) Nitrobenzene-d5	9.29	82	458537	92.38	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	295620	97.22	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1255917	96.01	ng	0.00
78) Terphenyl-d14	20.08	244	2202841	87.34	ng	0.00

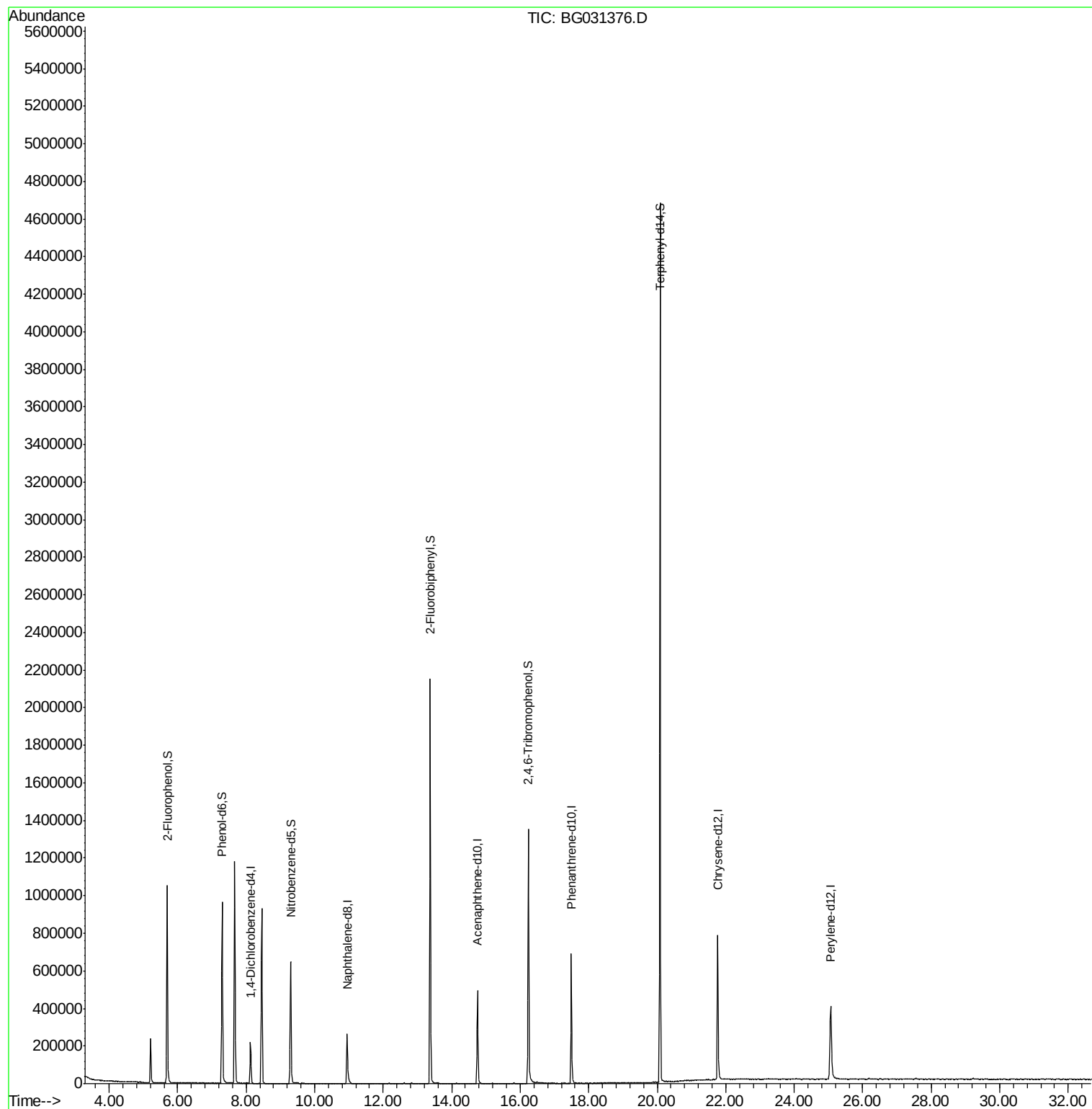
Target Compounds Qvalue

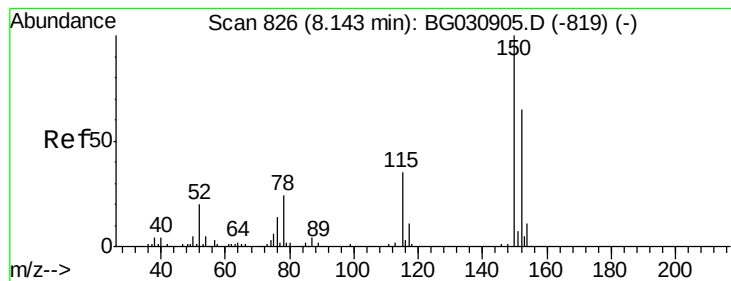
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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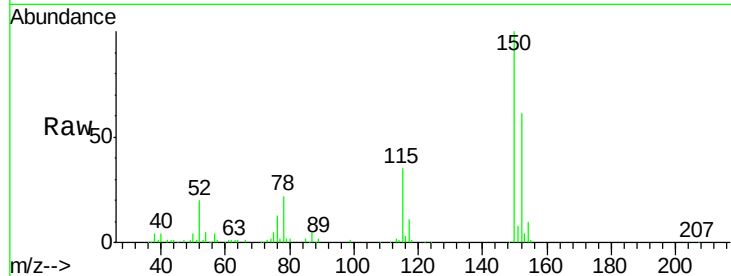


#1

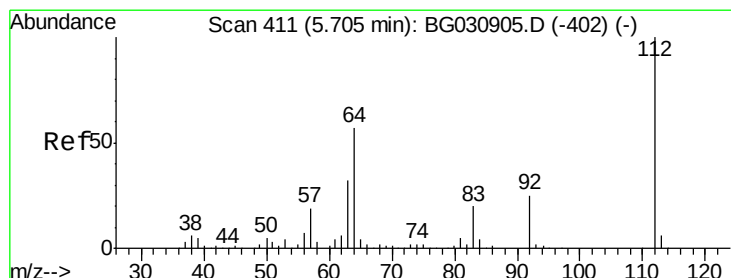
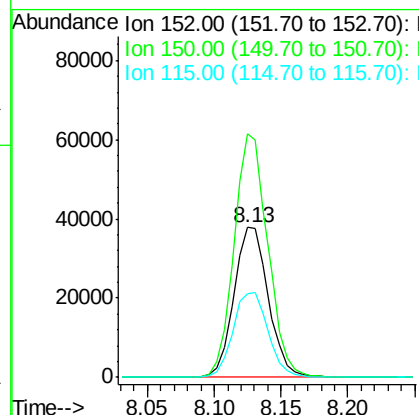
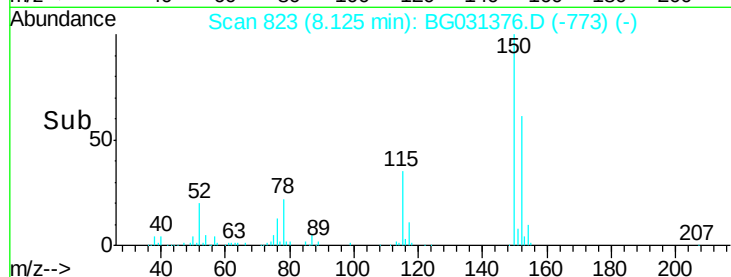
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031376.D
Acq: 6 Dec 2017 18:20

Instrument :
BNA_G
ClientSampleId :
OK-02-120417

Tot Ion:152 Resp: 67531
Ion Ratio Lower Upper
152 100
150 162.8 126.6 189.8
115 56.2 53.0 79.4



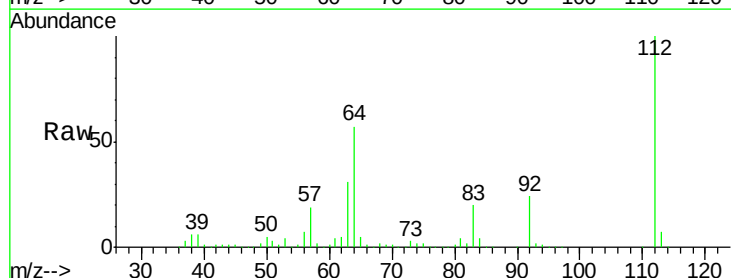
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



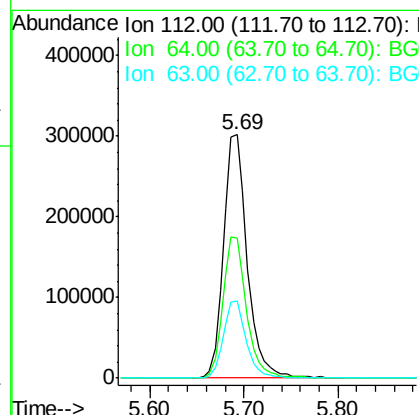
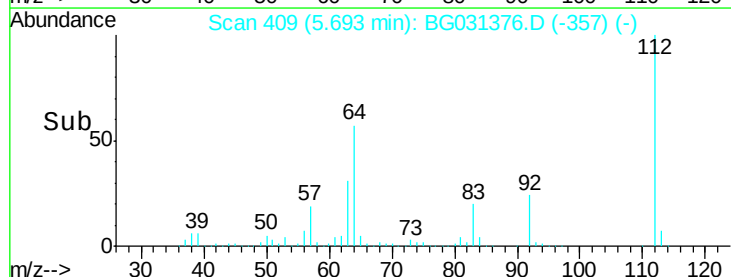
#5

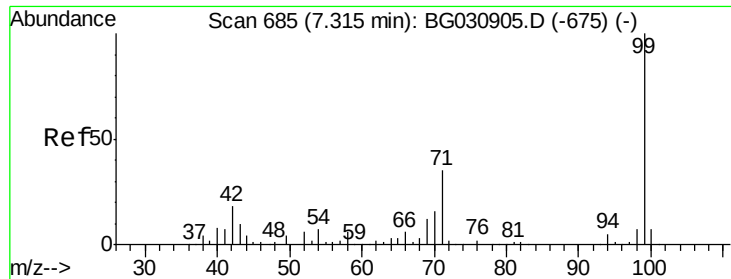
2-Fluorophenol
Concen: 134.961 ng
RT: 5.69 min Scan# 409
Delta R.T. 0.01 min
Lab File: BG031376.D
Acq: 6 Dec 2017 18:20

Tgt Ion:112 Resp: 531507
Ion Ratio Lower Upper
112 100
64 57.3 56.3 84.5
63 31.5 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: 117.850 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031376.D

Acq: 6 Dec 2017 18:20

Instrument :

BNA_G

ClientSampleId :

OK-02-120417

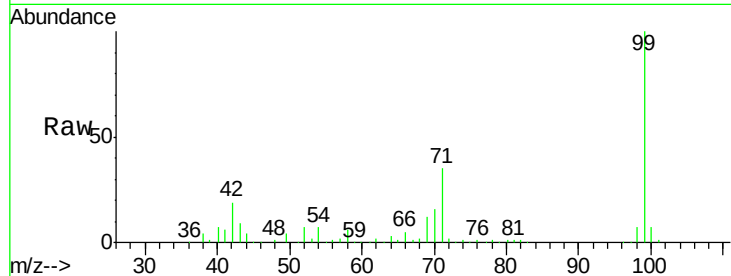
Tot Ion: 99 Resp: 625269

Ion Ratio Lower Upper

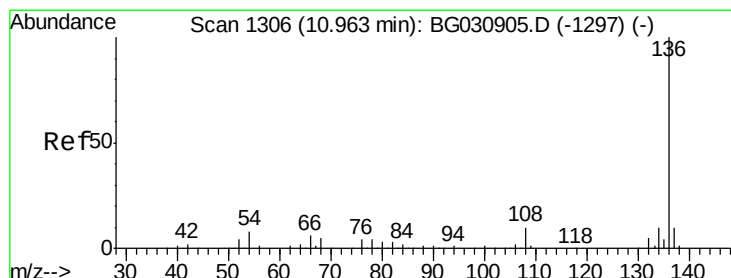
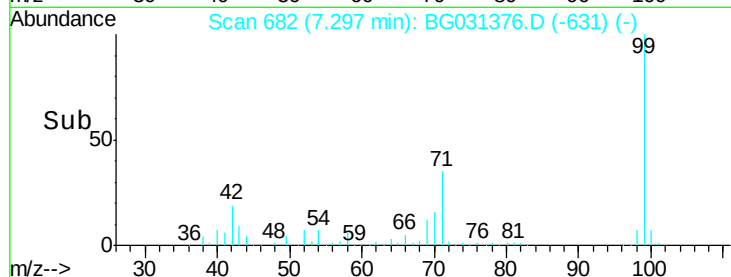
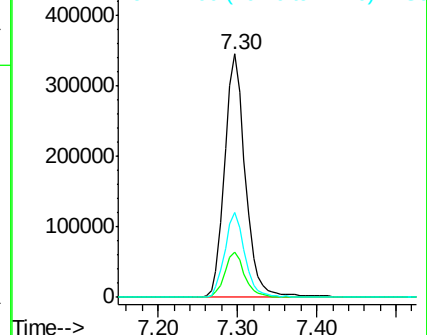
99 100

42 18.6 14.1 21.1

71 35.0 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: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031376.D

Acq: 6 Dec 2017 18:20

Tgt Ion: 136 Resp: 294130

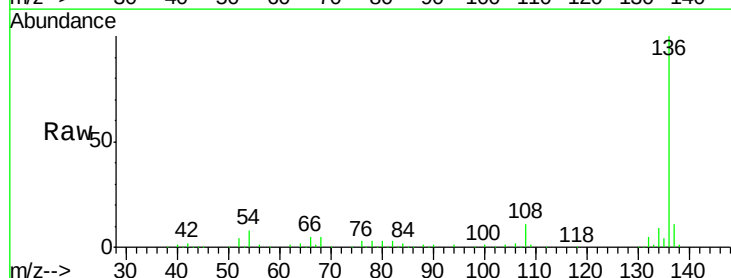
Ion Ratio Lower Upper

136 100

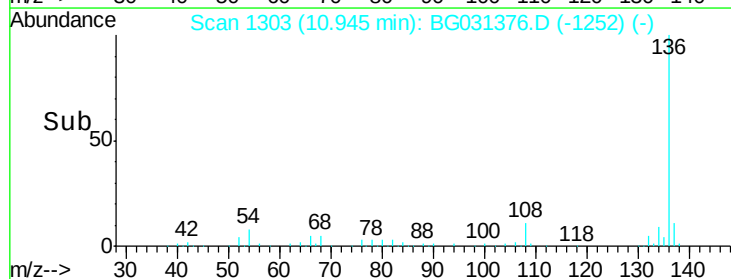
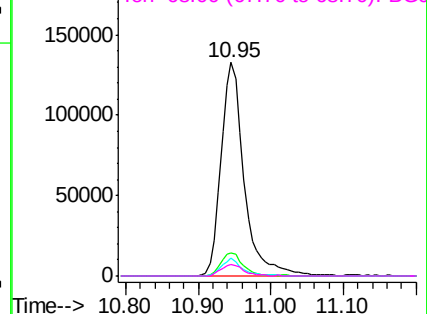
137 10.7 9.2 13.8

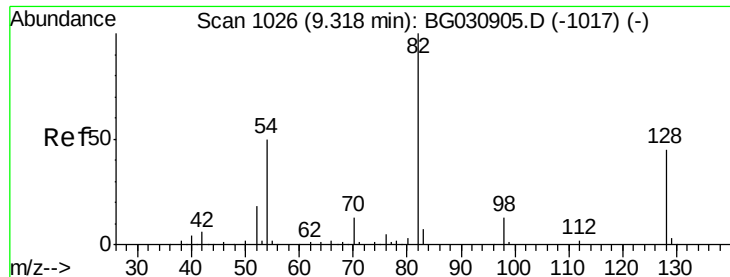
54 8.2 10.3 15.5#

68 5.2 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

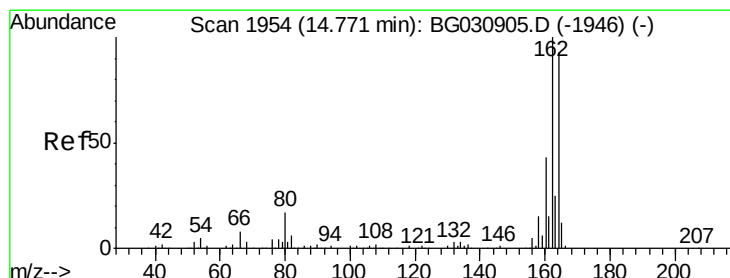
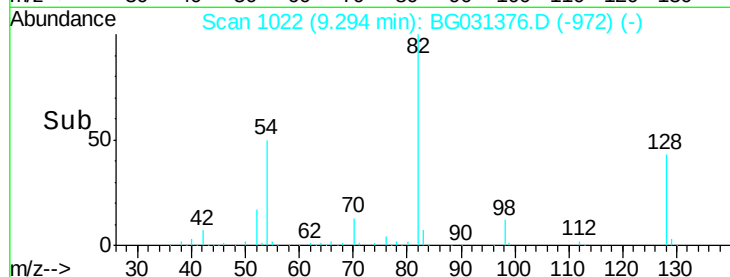
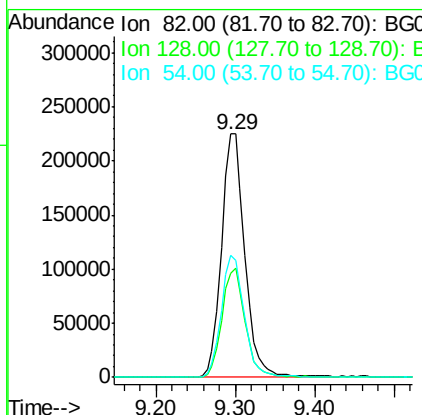
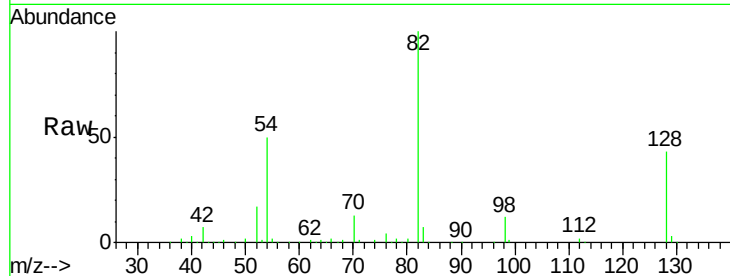




#23
Nitrobenzene-d5
Concen: 92.378 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031376.D
Acq: 6 Dec 2017 18:20

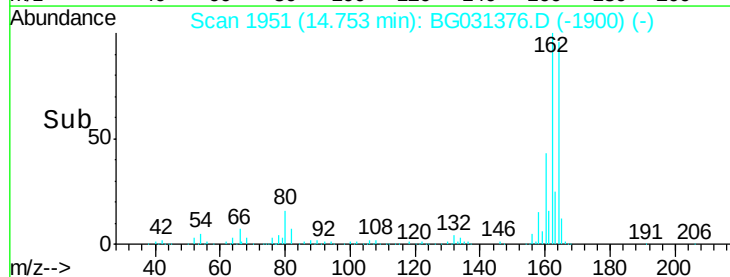
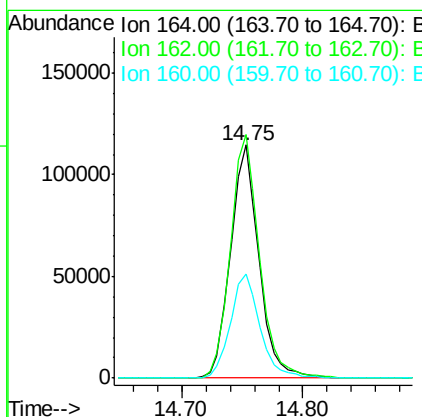
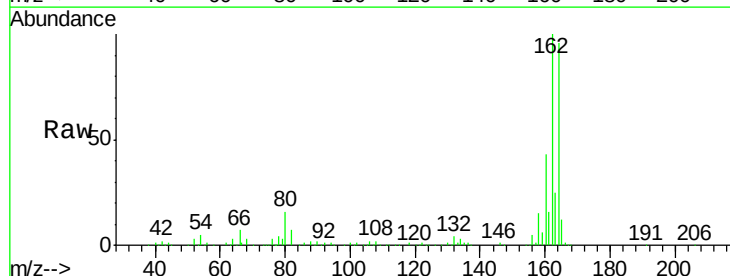
Instrument :
BNA_G
ClientSampleId :
OK-02-120417

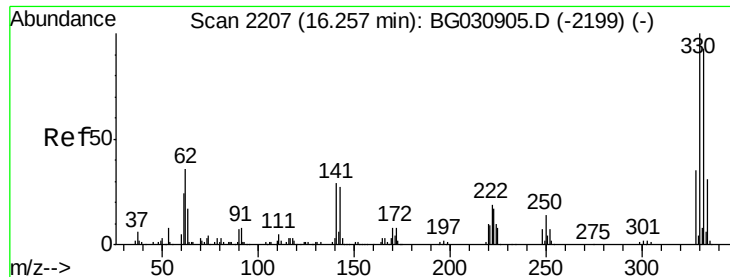
Tot Ion	82	Resp	458537
Ion Ratio	100	Lower	Upper
128	42.5	29.7	44.5
54	50.1	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031376.D
Acq: 6 Dec 2017 18:20

Tgt Ion	164	Resp	187965
Ion Ratio	100	Lower	Upper
162	104.4	78.8	118.2
160	44.5	35.4	53.0

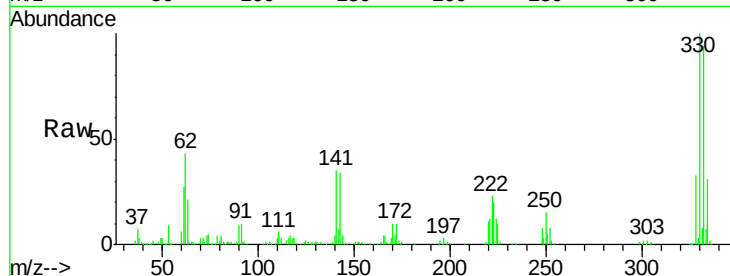




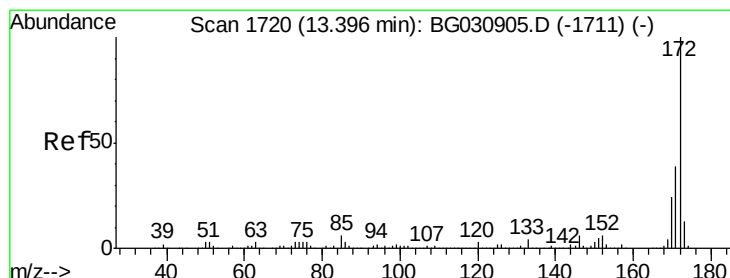
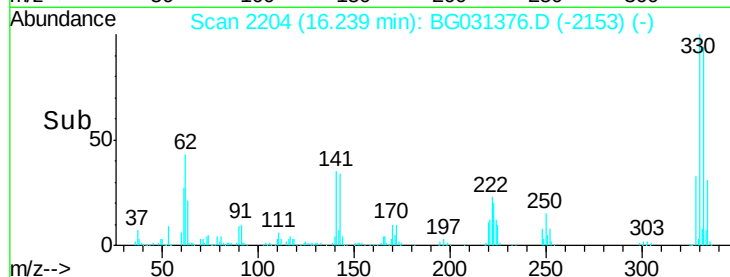
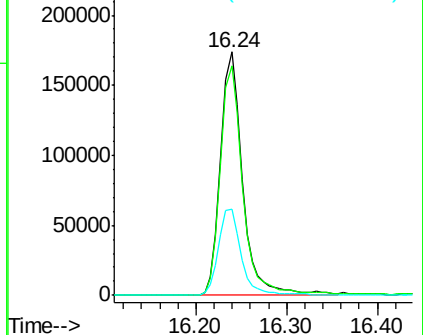
#41
 2,4,6-Tribromophenol
 Concen: 97.222 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031376.D
 Acq: 6 Dec 2017 18:20

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-120417

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	36.5	25.2	37.8

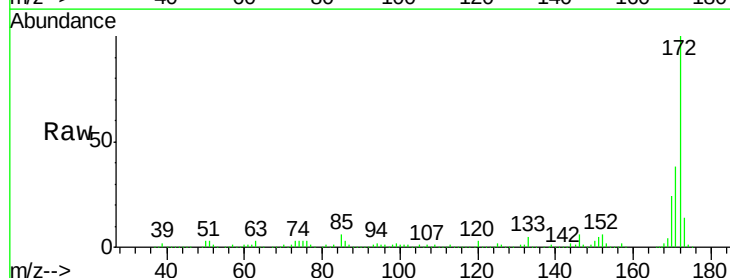


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

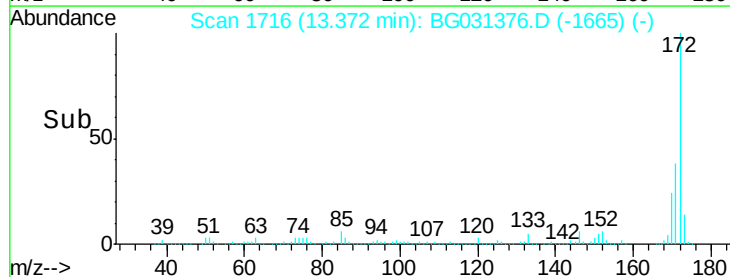
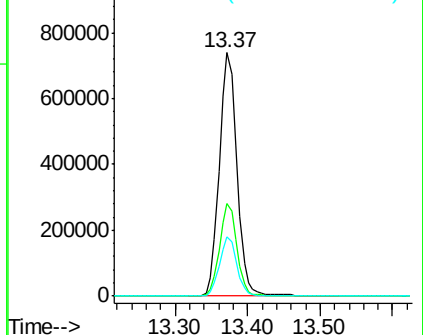


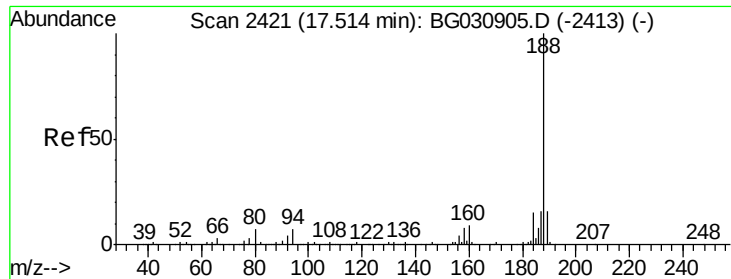
#44
 2-Fluorobiphenyl
 Concen: 96.008 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031376.D
 Acq: 6 Dec 2017 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.1	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

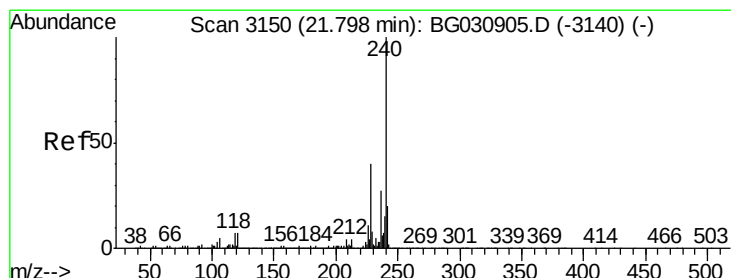
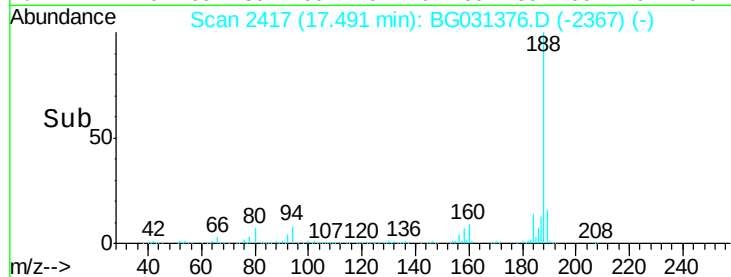
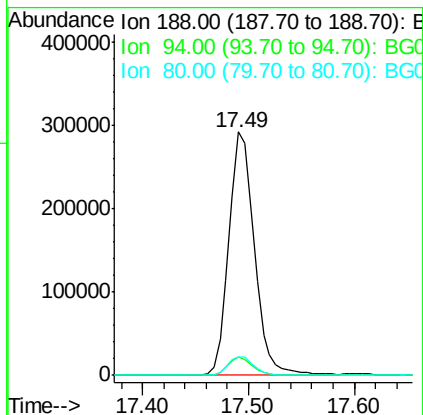
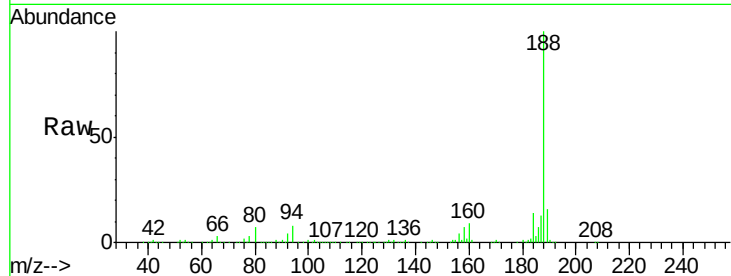




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031376.D
Acq: 6 Dec 2017 18:20

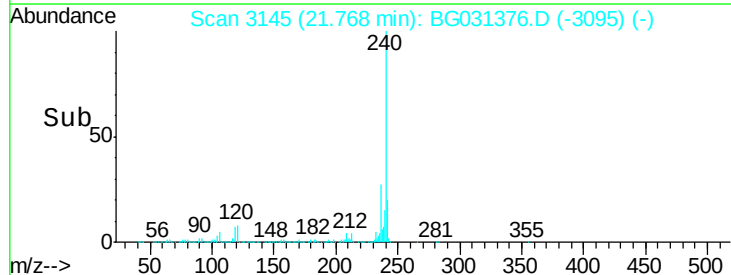
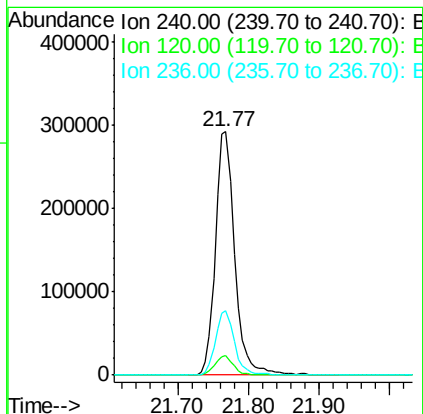
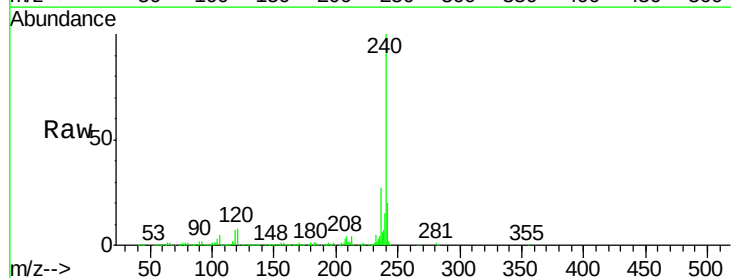
Instrument :
BNA_G
ClientSampleId :
OK-02-120417

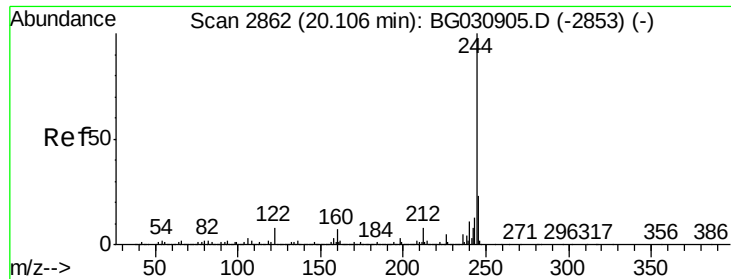
Tot Ion:188 Resp: 489398
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG031376.D
Acq: 6 Dec 2017 18:20

Tgt Ion:240 Resp: 556940
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 87.336 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031376.D

Acq: 6 Dec 2017 18:20

Instrument :

BNA_G

ClientSampleId :

OK-02-120417

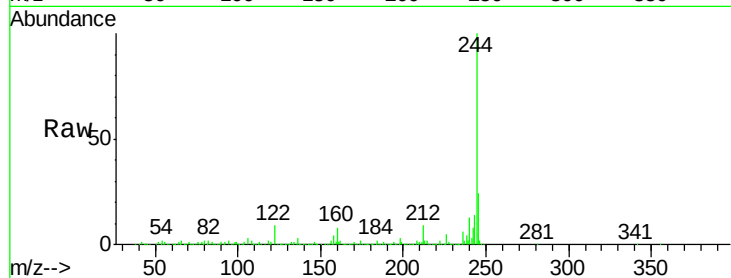
Tot Ion:244 Resp: 2202841

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

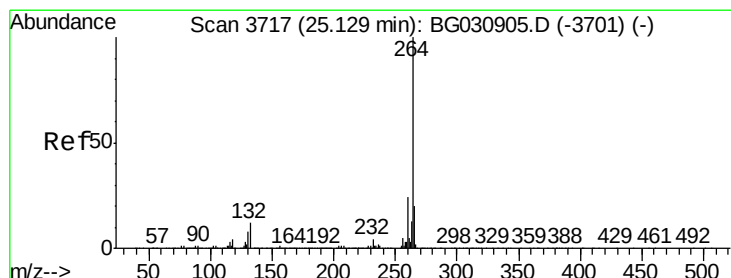
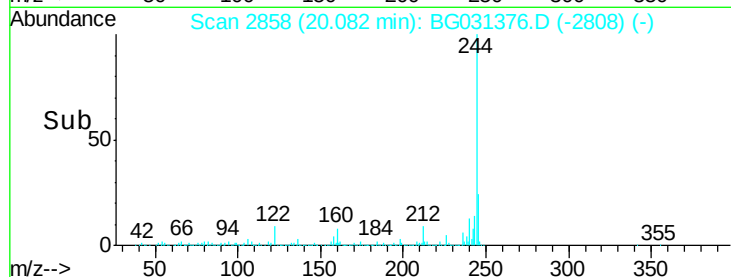
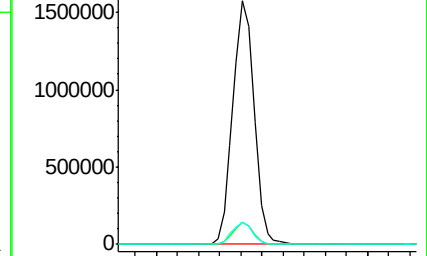
122 9.4 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031376.D

Acq: 6 Dec 2017 18:20

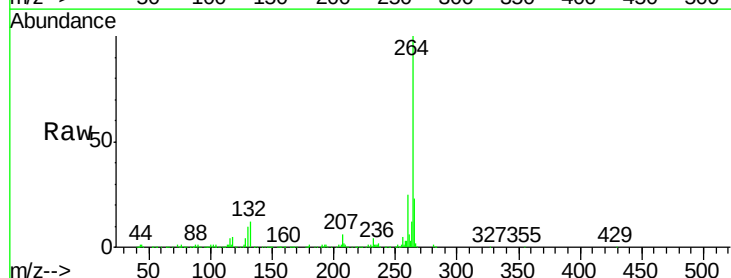
Tgt Ion:264 Resp: 514095

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 23.5 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

