

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031319.D
 Acq On : 1 Dec 2017 15:54
 Operator : SJ/JU
 Sample : I6289-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917

Quant Time: Dec 02 01:56:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	61887	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	258312	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	168966	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	457279	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	570308	20.00	ng	-0.02
86) Perylene-d12	25.06	264	546900	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	446733	123.78	ng	-0.02
7) Phenol-d6	7.30	99	520995	107.15	ng	0.00
23) Nitrobenzene-d5	9.30	82	364884	83.70	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	300396	109.90	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1039678	88.41	ng	-0.03
78) Terphenyl-d14	20.08	244	2141351	82.91	ng	-0.02

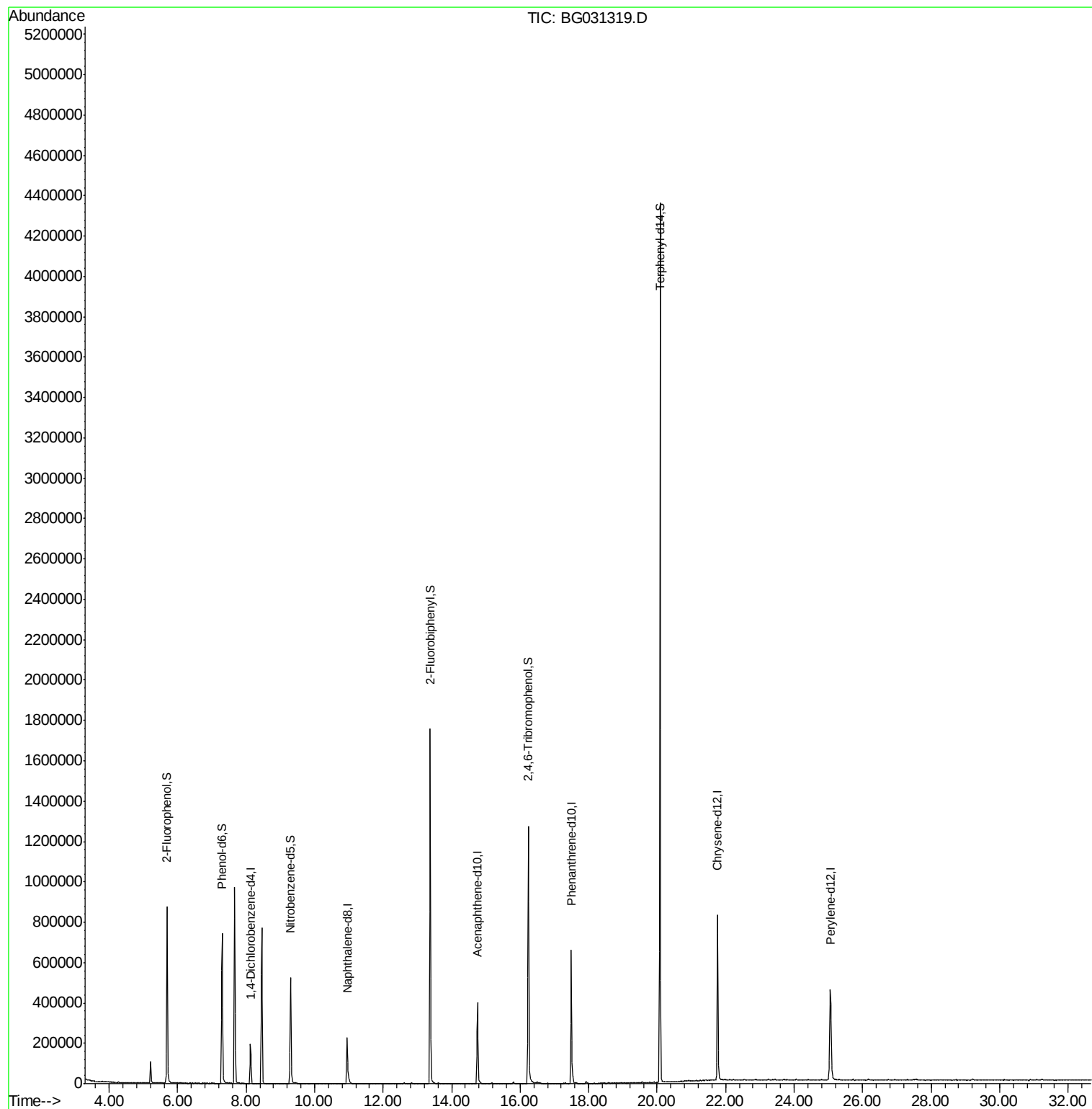
Target Compounds Qvalue

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

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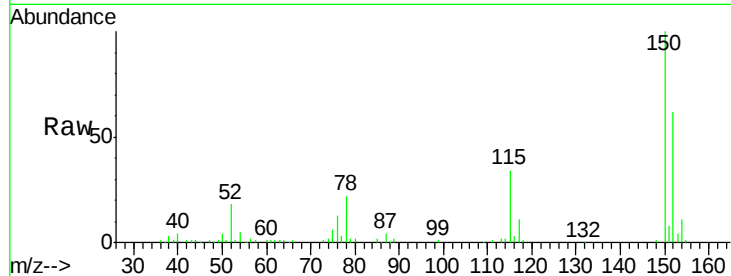


#1

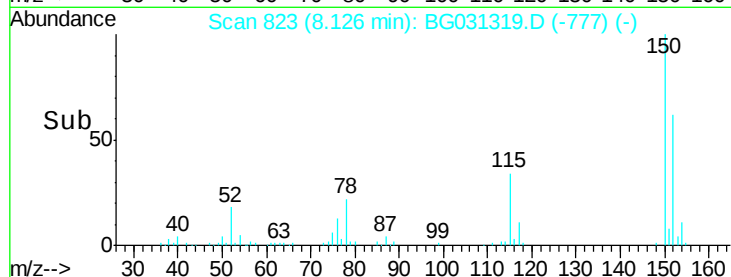
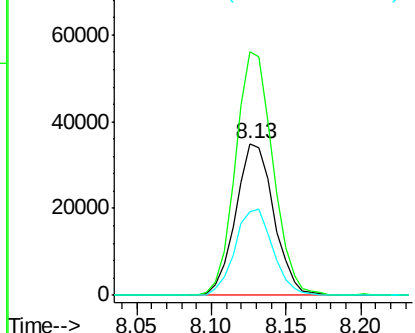
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031319.D
Acq: 1 Dec 2017 15:54

Instrument :
BNA_G
ClientSampleId :
SU-03-112917

Tot Ion:152 Resp: 61887
Ion Ratio Lower Upper
152 100
150 160.2 126.6 189.8
115 54.9 53.0 79.4



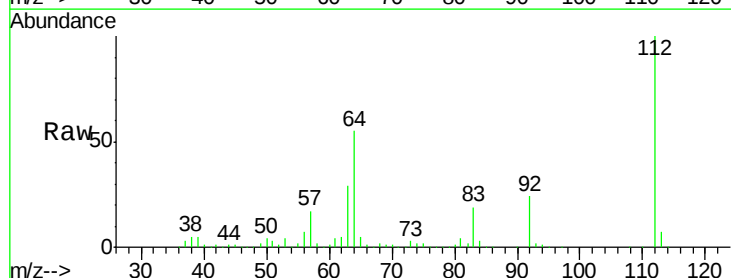
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



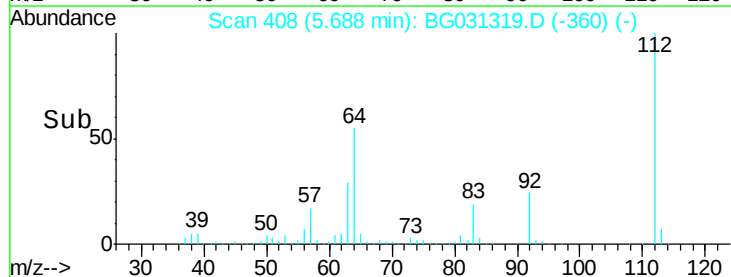
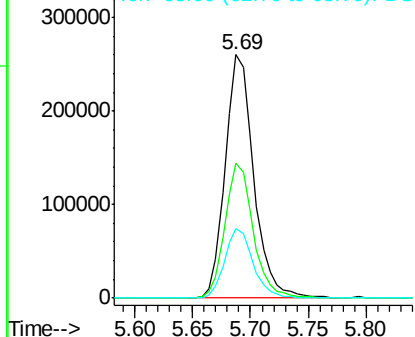
#5

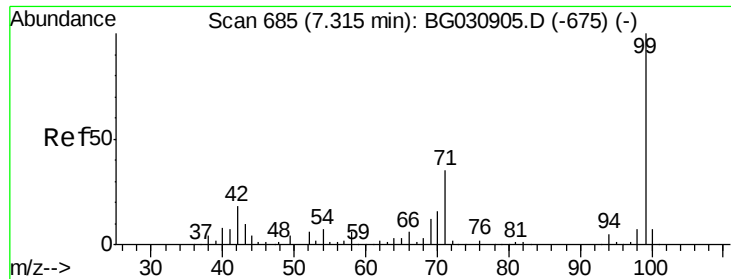
2-Fluorophenol
Concen: 123.78 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031319.D
Acq: 1 Dec 2017 15:54

Tgt Ion:112 Resp: 446733
Ion Ratio Lower Upper
112 100
64 55.3 56.3 84.5#
63 28.8 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: 107.15 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031319.D

Acq: 1 Dec 2017 15:54

Instrument :

BNA_G

ClientSampleId :

SU-03-112917

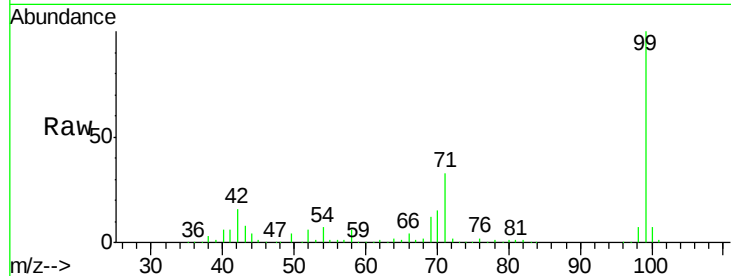
Tot Ion: 99 Resp: 520995

Ion Ratio Lower Upper

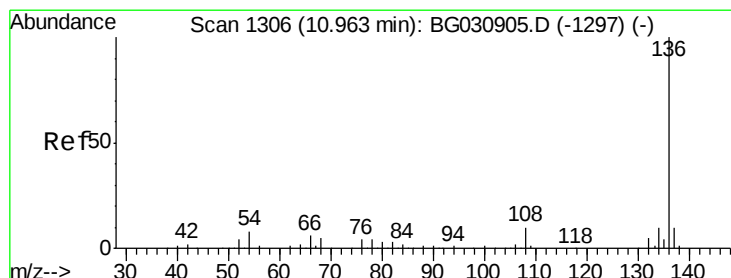
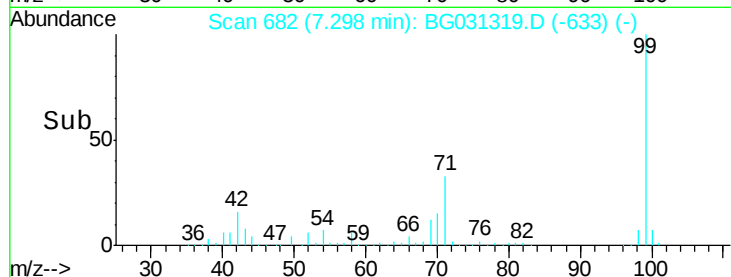
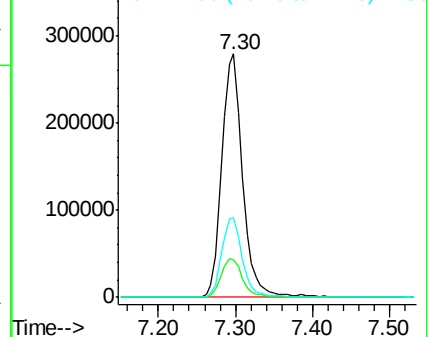
99 100

42 15.6 14.1 21.1

71 32.9 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: 20.00 ng

RT: 10.95 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031319.D

Acq: 1 Dec 2017 15:54

Tgt Ion: 136 Resp: 258312

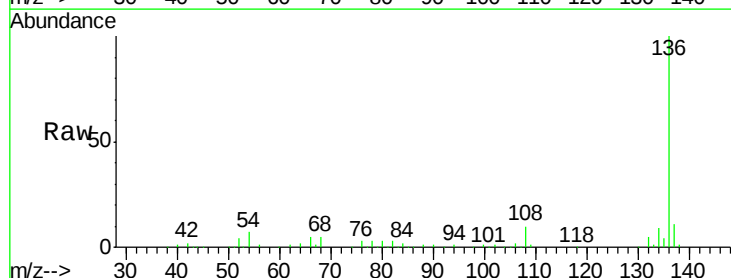
Ion Ratio Lower Upper

136 100

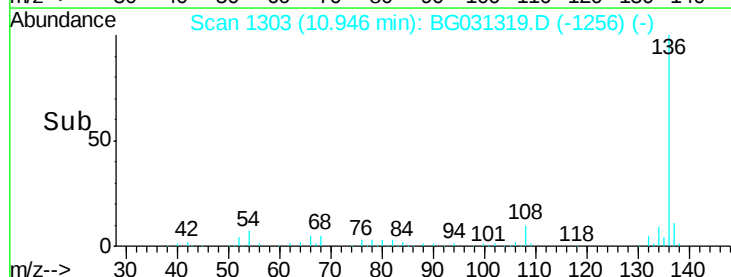
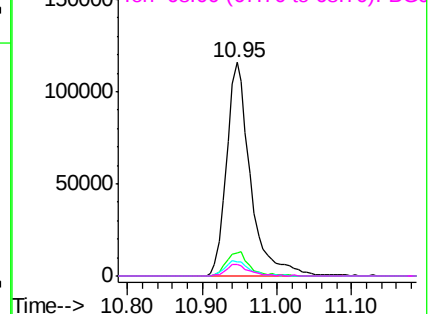
137 10.9 9.2 13.8

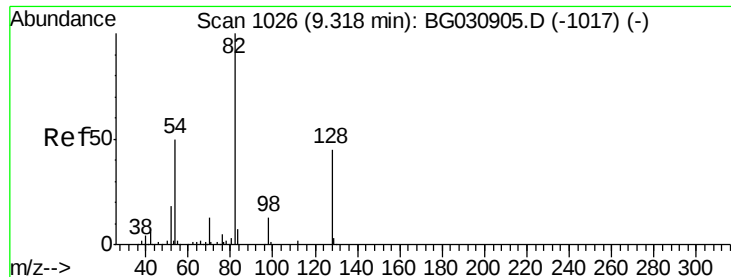
54 6.7 10.3 15.5#

68 5.4 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

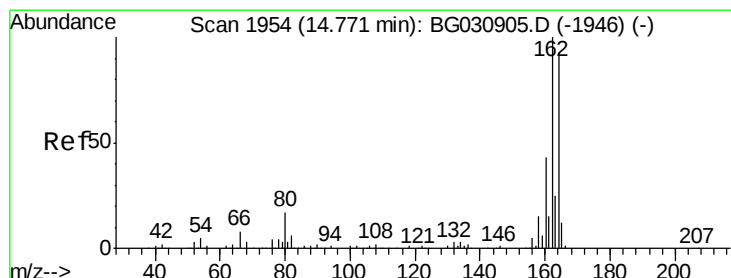
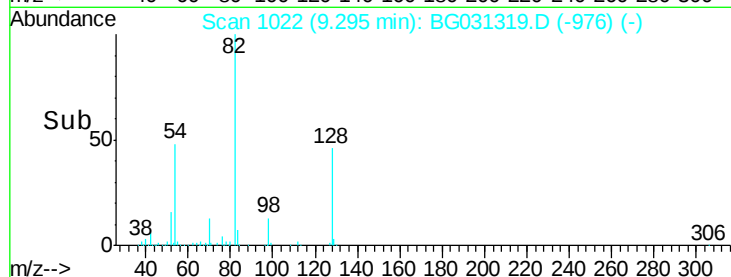
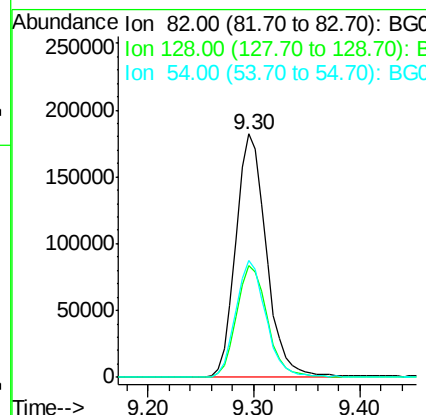
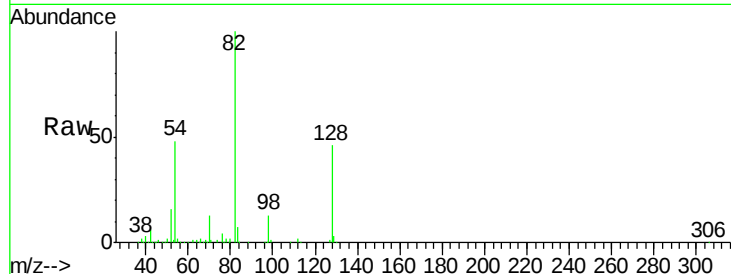




#23
 Nitrobenzene-d5
 Concen: 83.70 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031319.D
 Acq: 1 Dec 2017 15:54

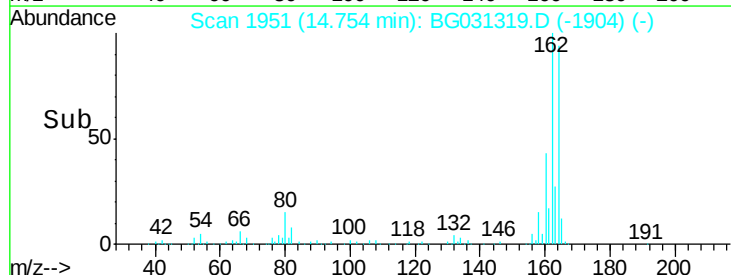
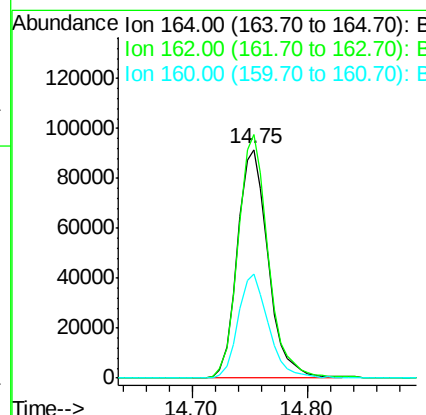
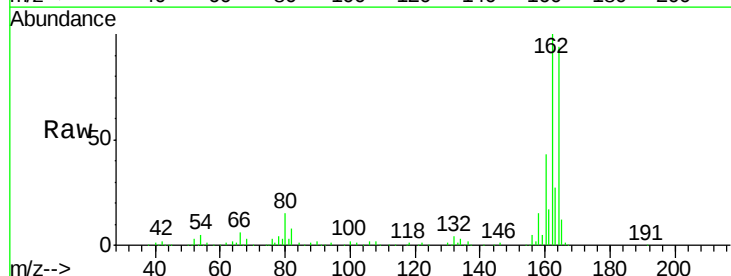
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917

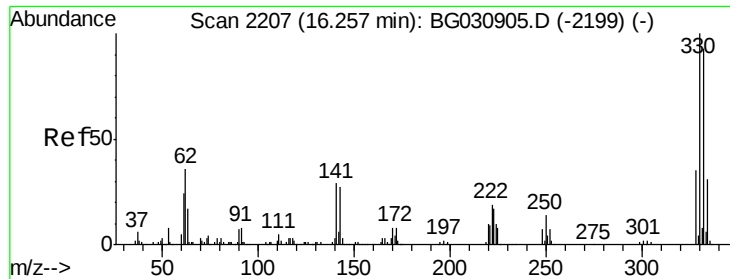
Tot Ion	82	Resp	364884
Ion Ratio	Lower	Upper	
82	100		
128	46.0	29.7	44.5#
54	48.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031319.D
 Acq: 1 Dec 2017 15:54

Tgt Ion	164	Resp	168966
Ion Ratio	Lower	Upper	
164	100		
162	106.5	78.8	118.2
160	45.6	35.4	53.0

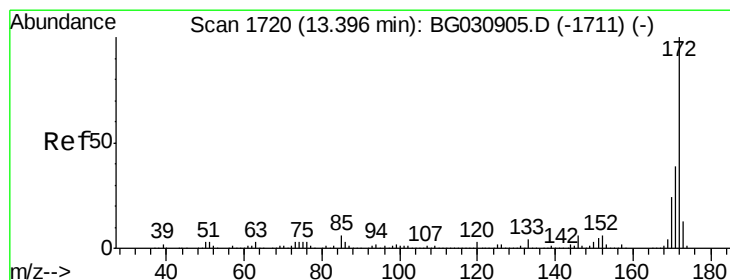
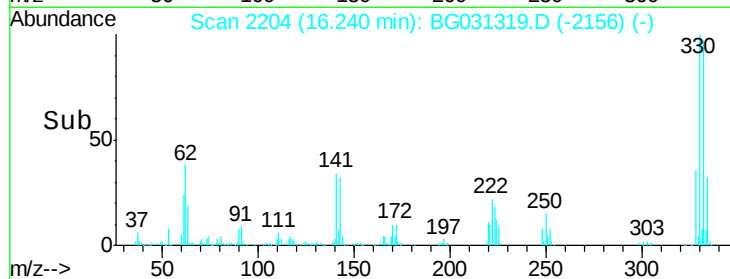
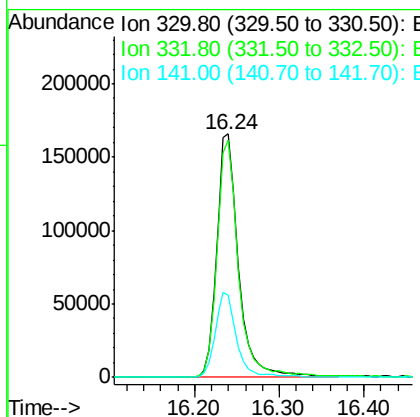
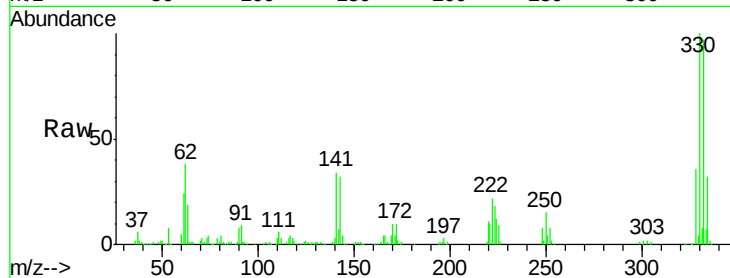




#41
 2,4,6-Tribromophenol
 Concen: 109.90 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031319.D
 Acq: 1 Dec 2017 15:54

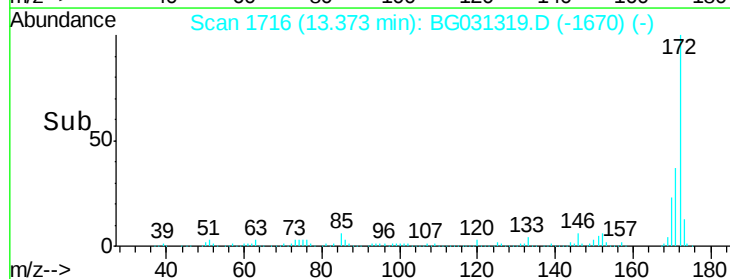
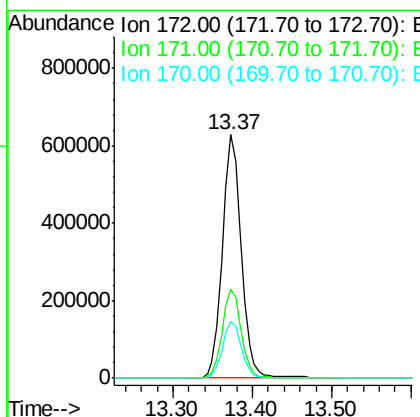
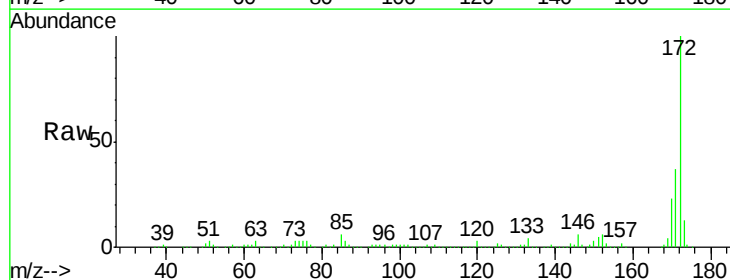
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112917

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	34.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 88.41 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031319.D
 Acq: 1 Dec 2017 15:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	23.2	19.5	29.3

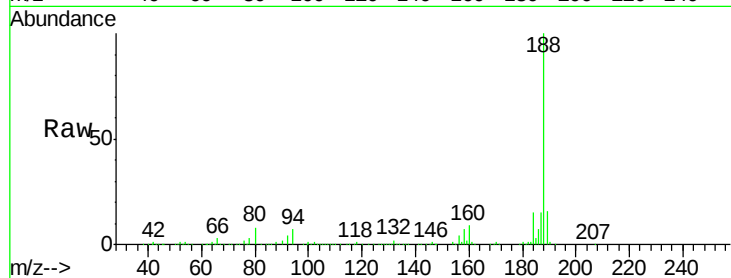




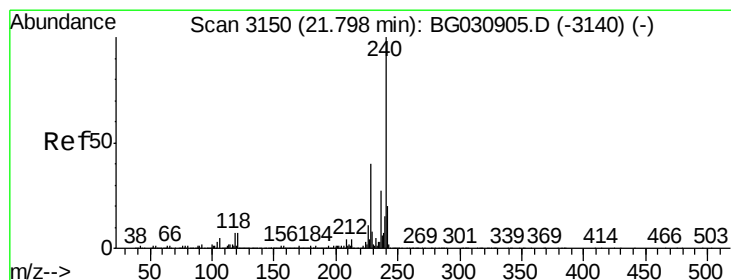
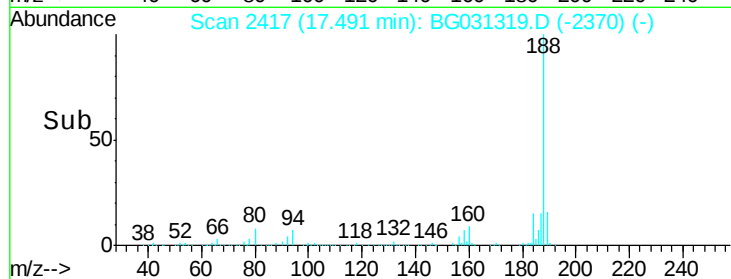
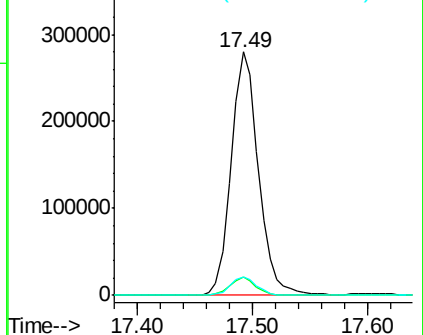
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031319.D
Acq: 1 Dec 2017 15:54

Instrument :
BNA_G
ClientSampleId :
SU-03-112917

Tot Ion:188 Resp: 457279
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 7.6 7.7 11.5#

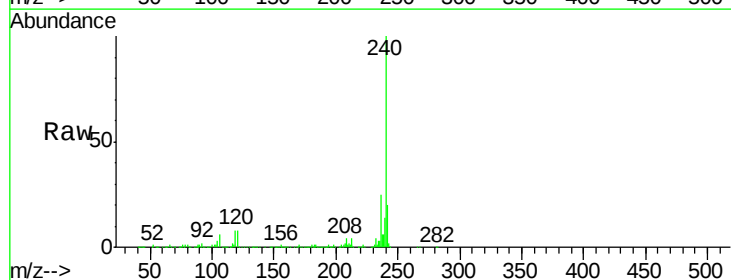


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

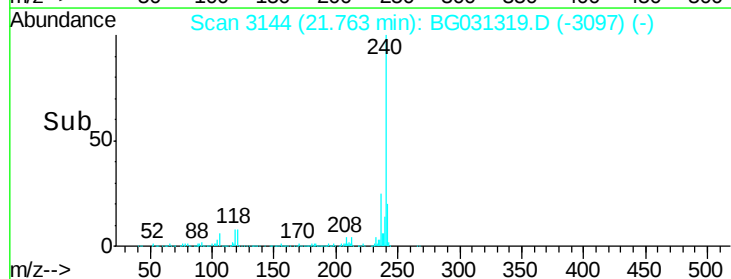
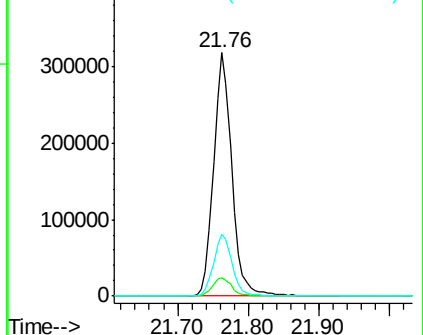


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031319.D
Acq: 1 Dec 2017 15:54

Tgt Ion:240 Resp: 570308
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 25.4 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: 82.91 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031319.D

Acq: 1 Dec 2017 15:54

Instrument :

BNA_G

ClientSampleId :

SU-03-112917

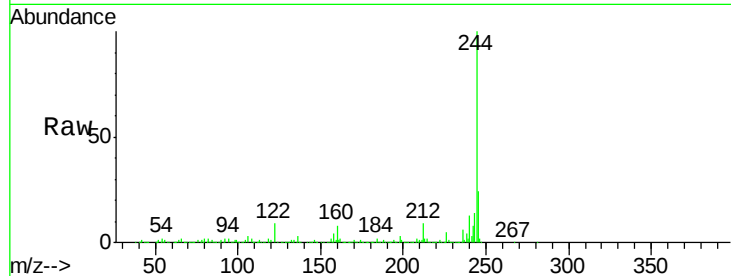
Tot Ion:244 Resp: 2141351

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

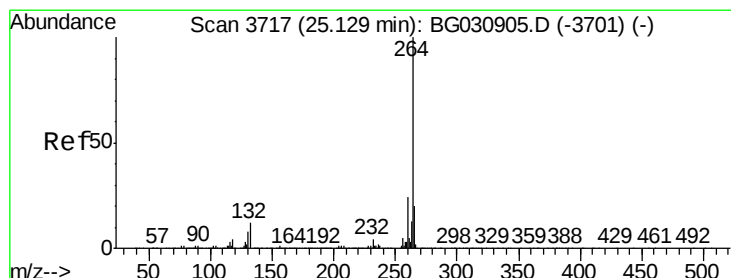
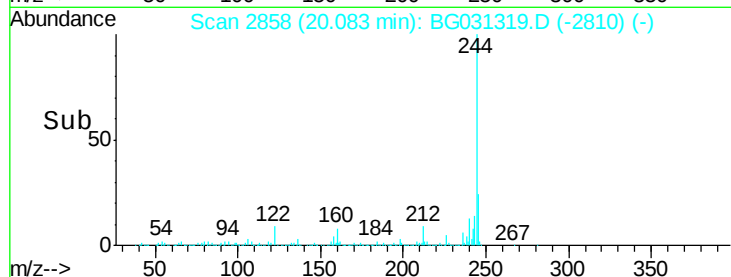
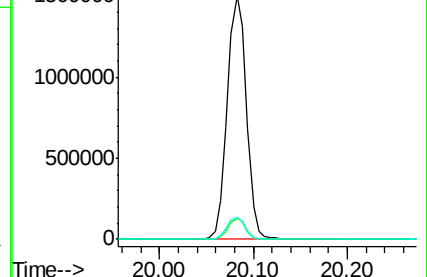
122 9.0 7.0 10.4



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: 20.00 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031319.D

Acq: 1 Dec 2017 15:54

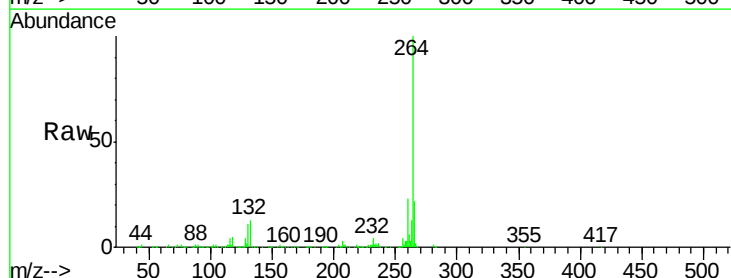
Tgt Ion:264 Resp: 546900

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.1 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

