

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031496.D
 Acq On : 12 Dec 2017 17:39
 Operator : SJ/JU
 Sample : PB104933BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BL

Quant Time: Dec 13 05:53:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	47665	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	181648	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	130713	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	390455	20.00	ng	0.00
75) Chrysene-d12	21.74	240	491736	20.00	ng	0.00
86) Perylene-d12	25.03	264	460387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	427596	159.01	ng	0.00
7) Phenol-d6	7.27	99	545372	146.09	ng	0.00
23) Nitrobenzene-d5	9.28	82	304877	103.45	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	264463	172.70	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	909296	102.11	ng	0.00
78) Terphenyl-d14	20.07	244	2027034	93.79	ng	0.00

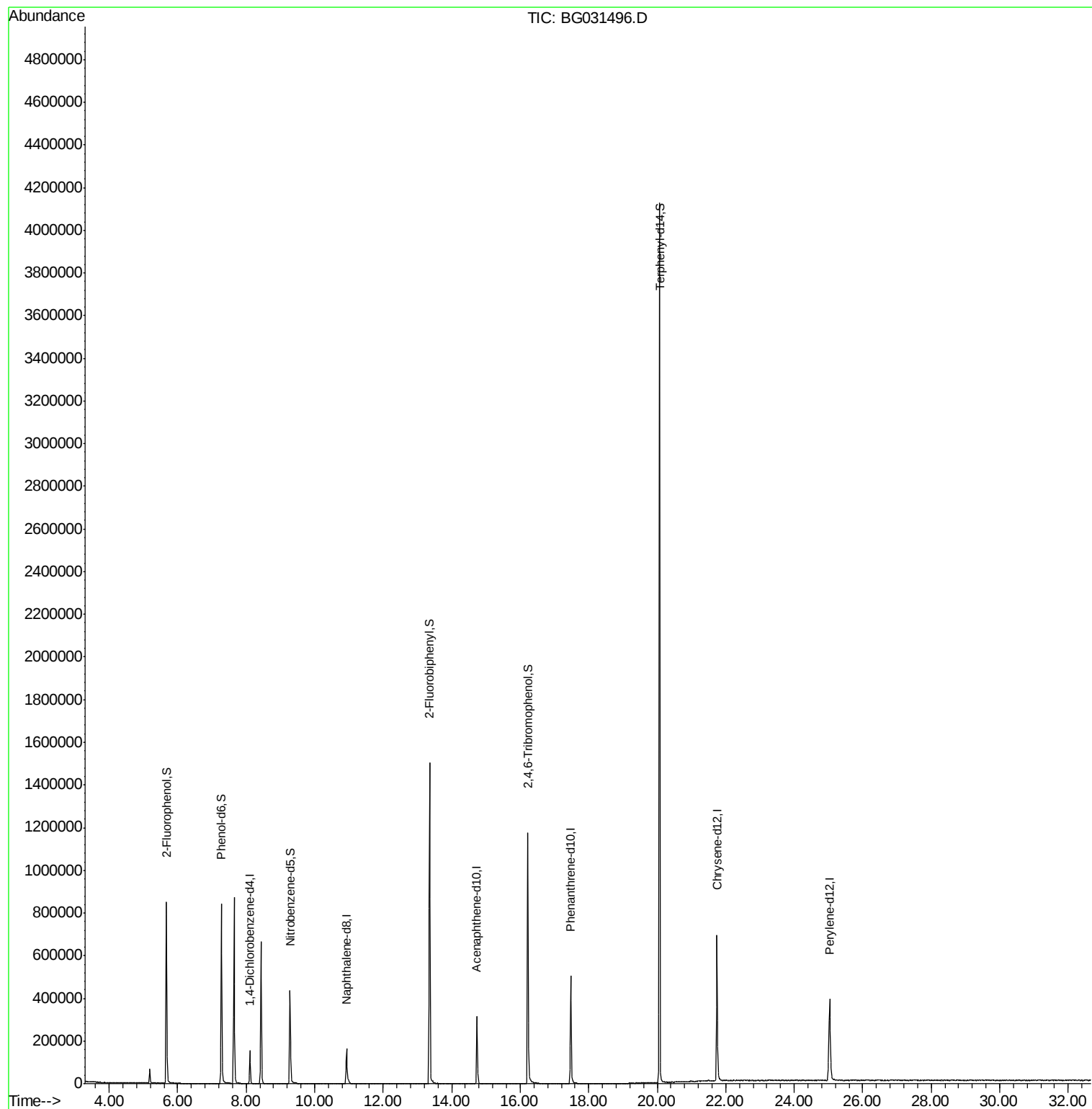
Target Compounds Qvalue

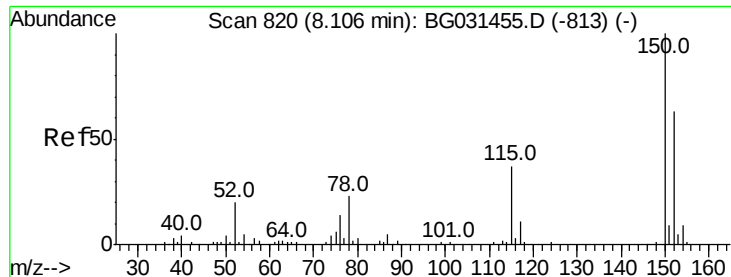
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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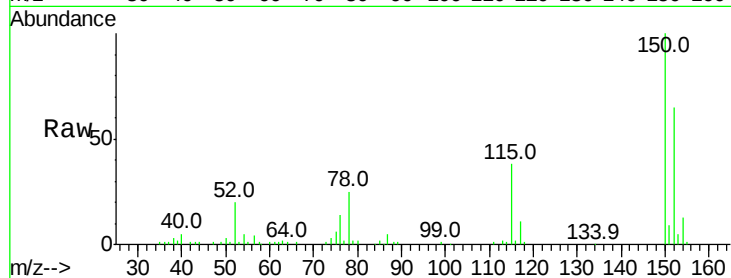


#1

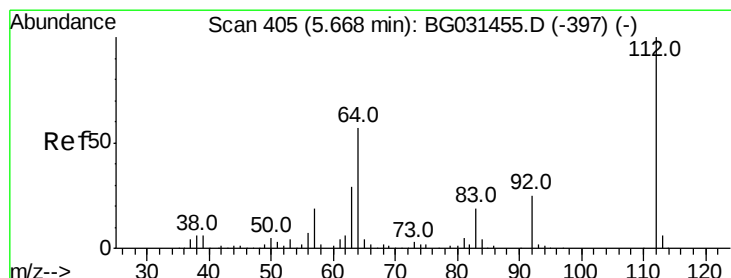
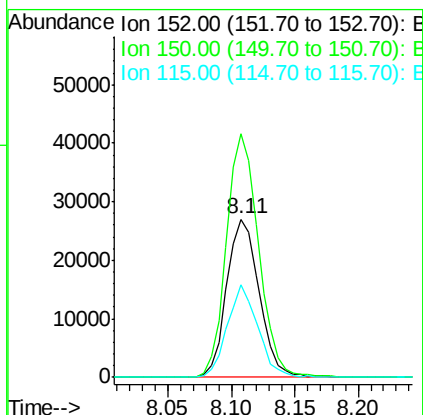
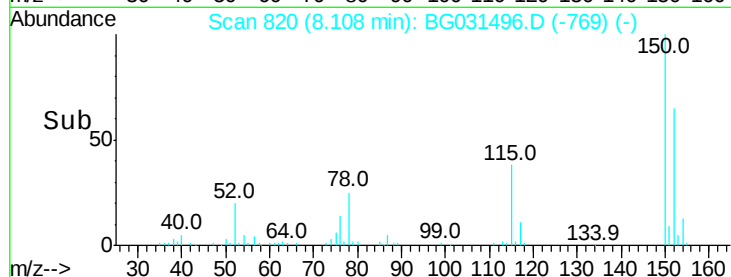
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB104933BL

Tot Ion:152 Resp: 47665
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 58.8 53.0 79.4



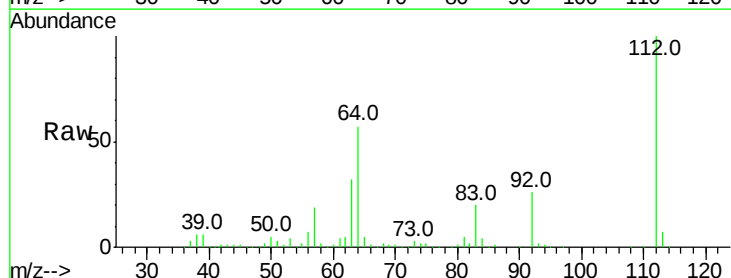
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



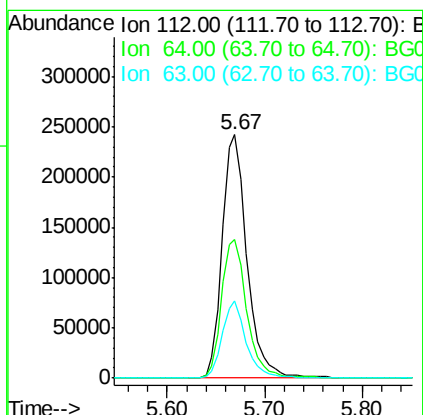
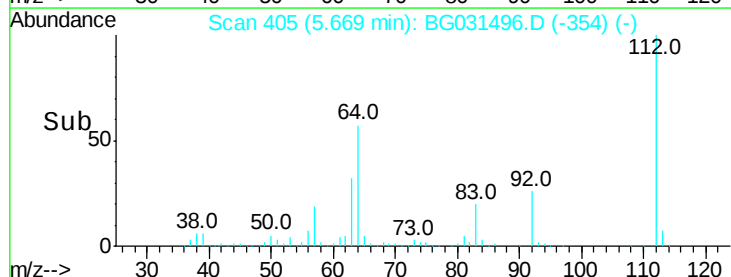
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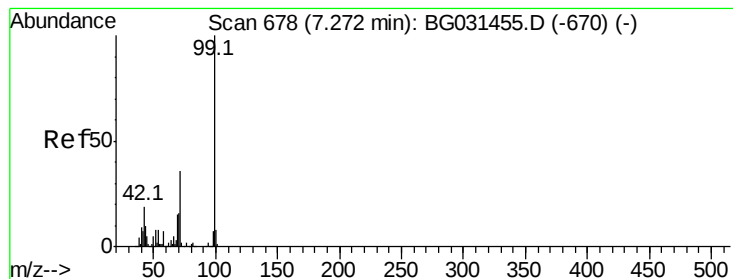
2-Fluorophenol
Concen: 159.010 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Tgt Ion:112 Resp: 427596
Ion Ratio Lower Upper
112 100
64 56.9 56.3 84.5
63 31.8 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: 146.090 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG031496.D

Acq: 12 Dec 2017 17:39

Instrument :

BNA_G

ClientSampleId :

PB104933BL

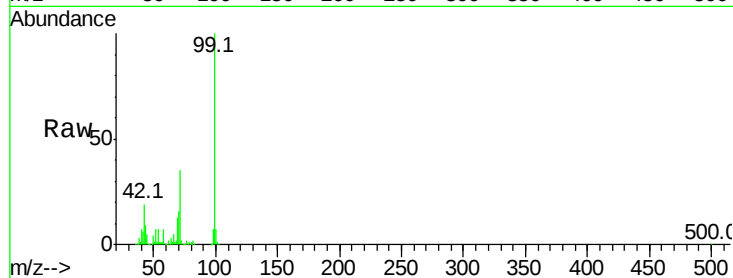
Tot Ion: 99 Resp: 545372

Ion Ratio Lower Upper

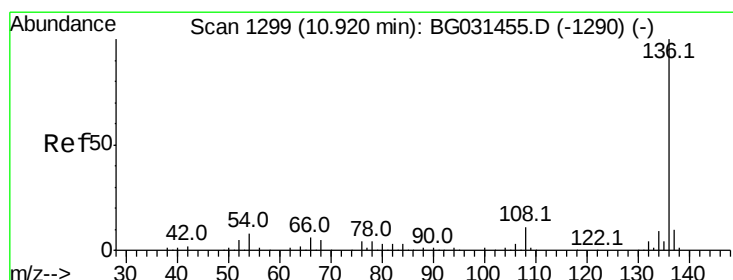
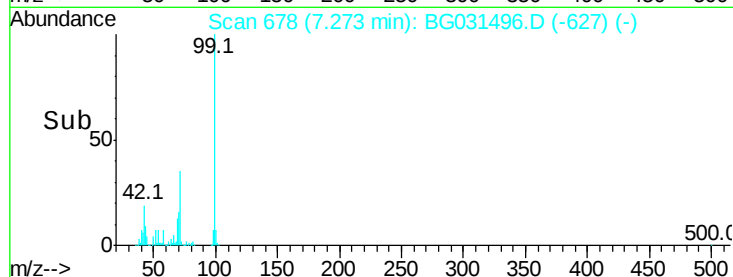
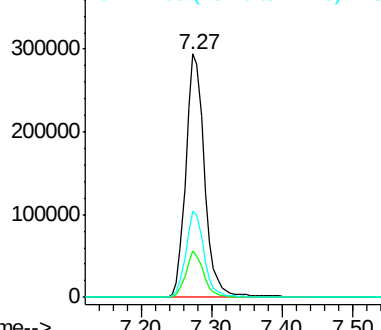
99 100

42 19.0 14.1 21.1

71 35.5 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031496.D

Acq: 12 Dec 2017 17:39

Tgt Ion: 136 Resp: 181648

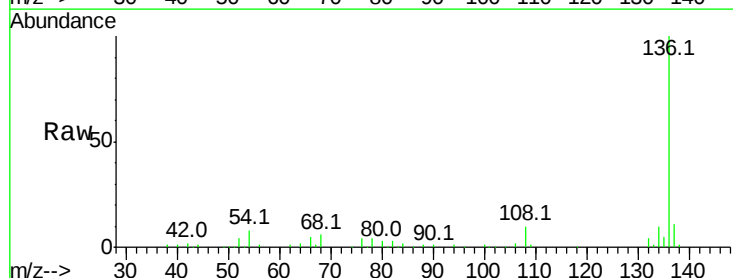
Ion Ratio Lower Upper

136 100

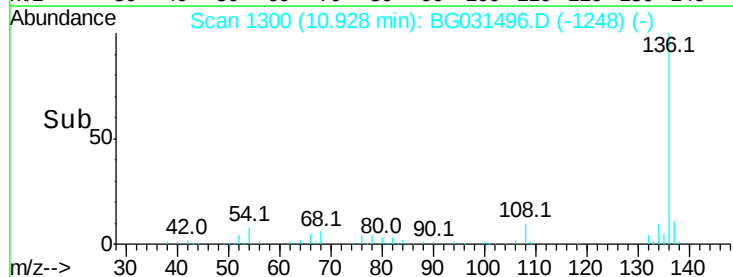
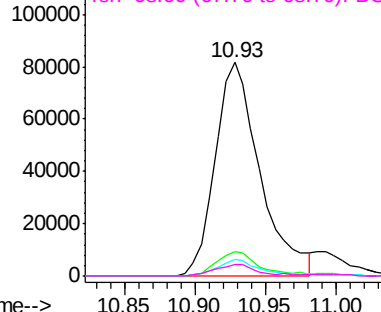
137 11.1 9.2 13.8

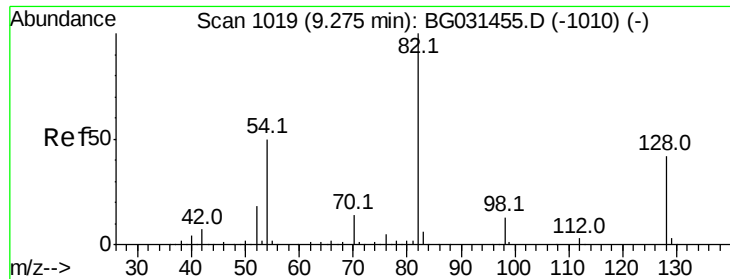
54 7.9 10.3 15.5#

68 5.6 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

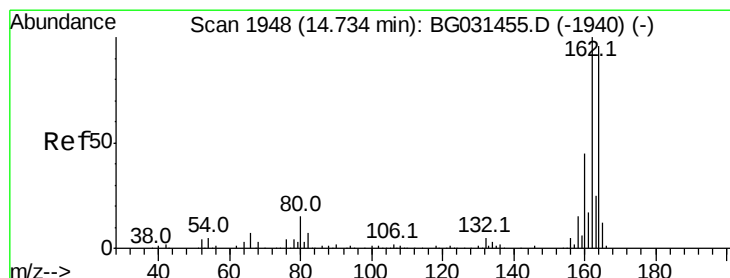
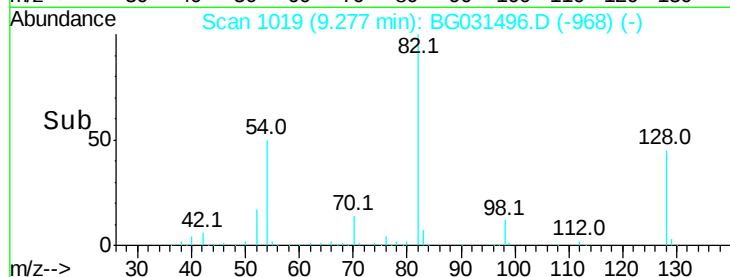
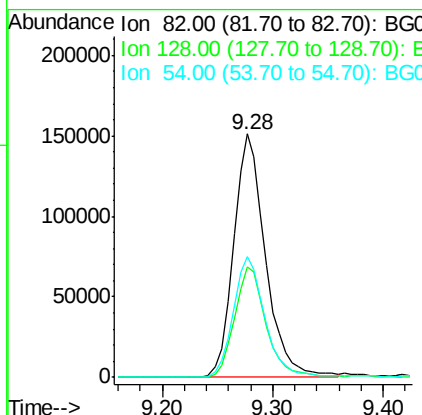
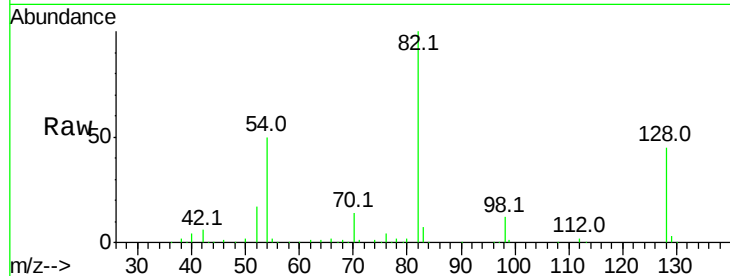




#23
 Nitrobenzene-d5
 Concen: 103.451 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG031496.D
 Acq: 12 Dec 2017 17:39

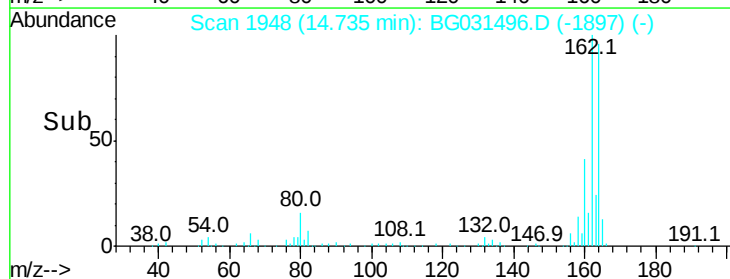
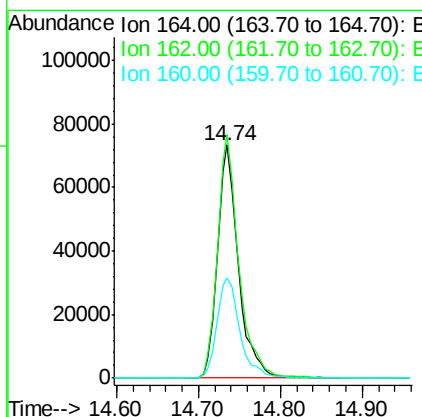
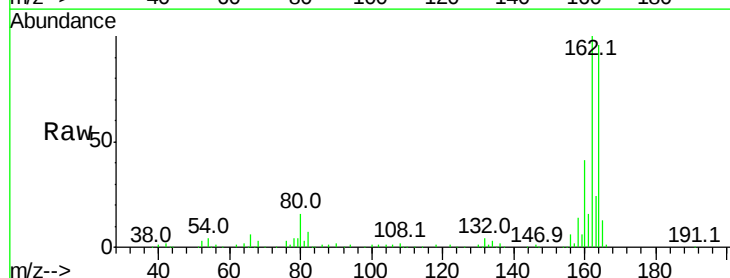
Instrument :
 BNA_G
 ClientSampleId :
 PB104933BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	29.7	44.5#
54	49.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BG031496.D
 Acq: 12 Dec 2017 17:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	43.3	35.4	53.0

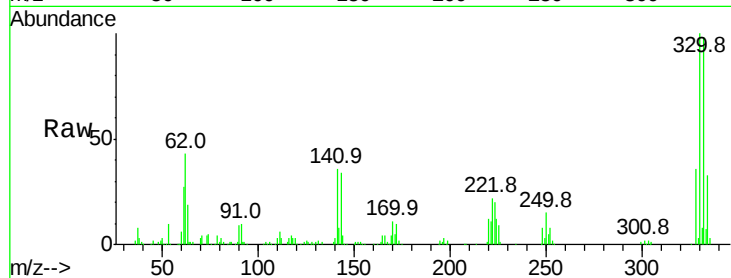




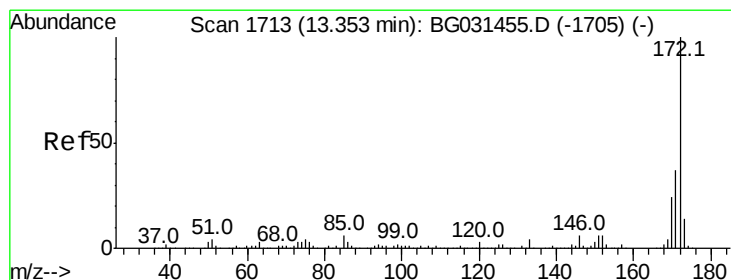
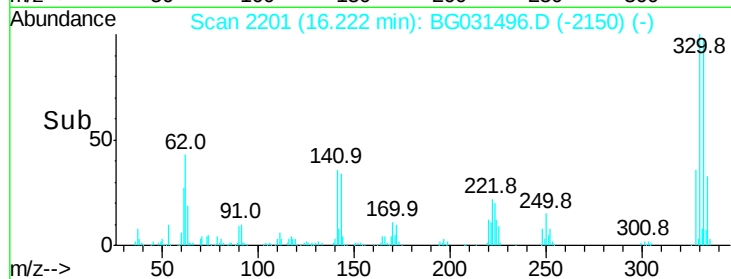
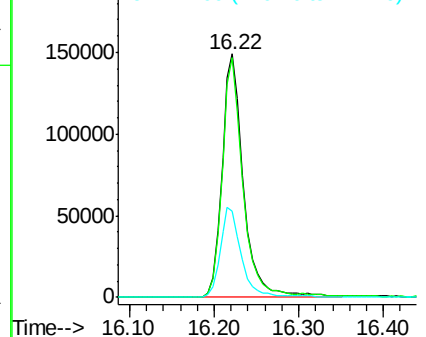
#41
 2,4,6-Tribromophenol
 Concen: 172.698 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031496.D
 Acq: 12 Dec 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB104933BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	36.3	25.2	37.8

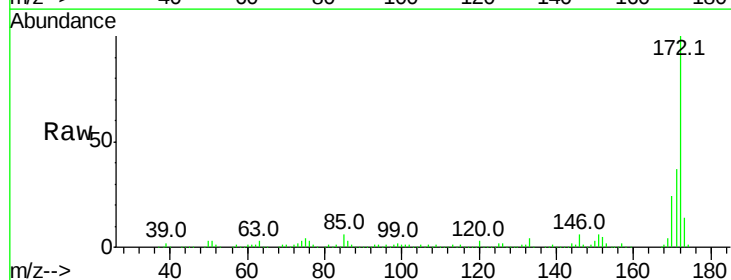


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

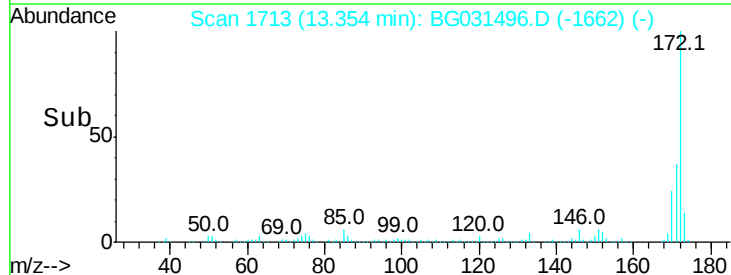
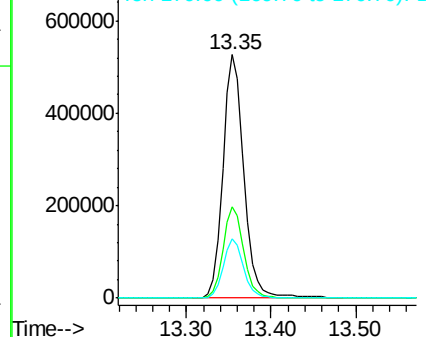


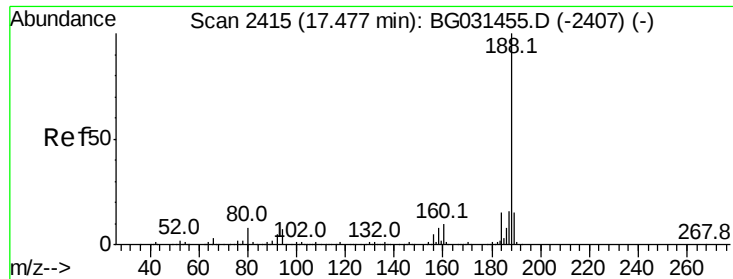
#44
 2-Fluorobiphenyl
 Concen: 102.111 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031496.D
 Acq: 12 Dec 2017 17:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.2	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

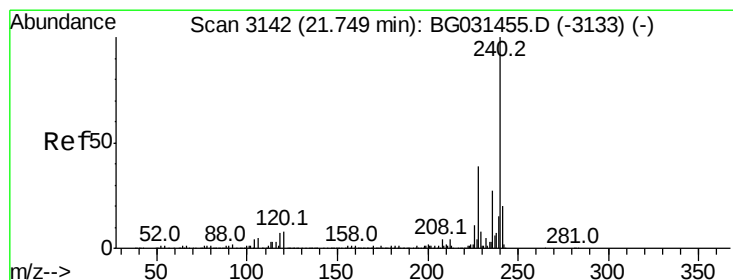
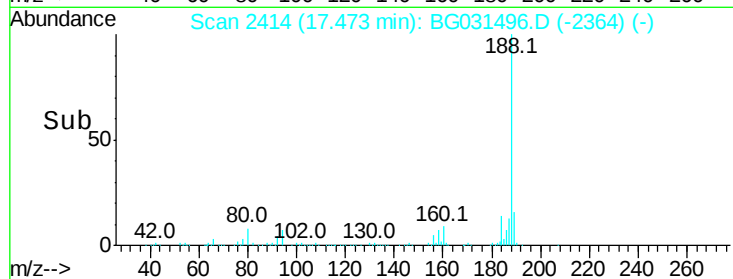
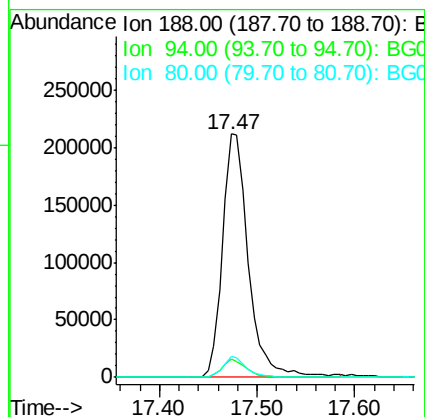
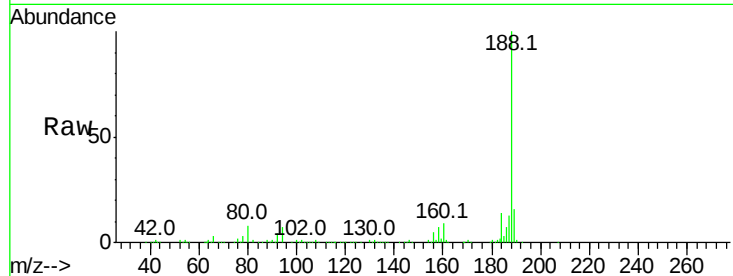




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

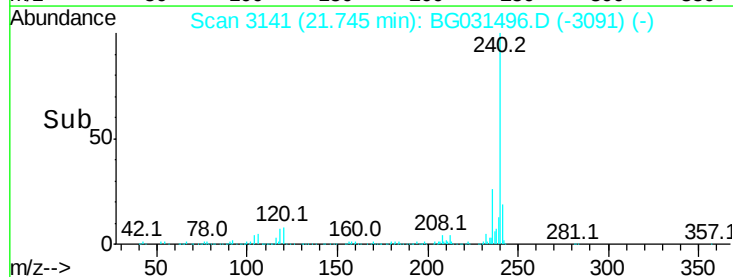
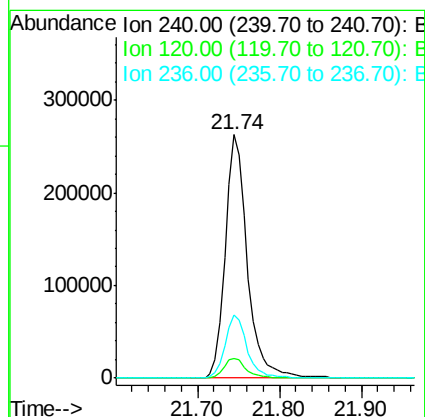
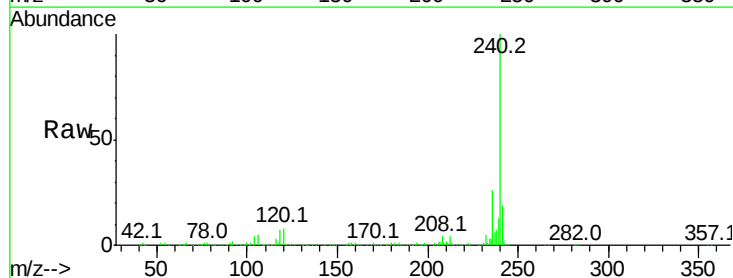
Instrument :
BNA_G
ClientSampleId :
PB104933BL

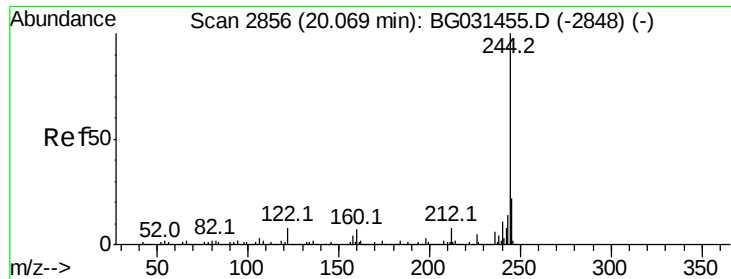
Tot Ion:188 Resp: 390455
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.4 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031496.D
Acq: 12 Dec 2017 17:39

Tgt Ion:240 Resp: 491736
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 93.787 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG031496.D

Acq: 12 Dec 2017 17:39

Instrument :

BNA_G

ClientSampleId :

PB104933BL

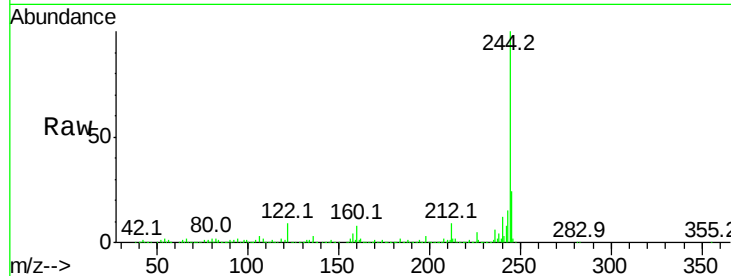
Tot Ion:244 Resp: 2027034

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

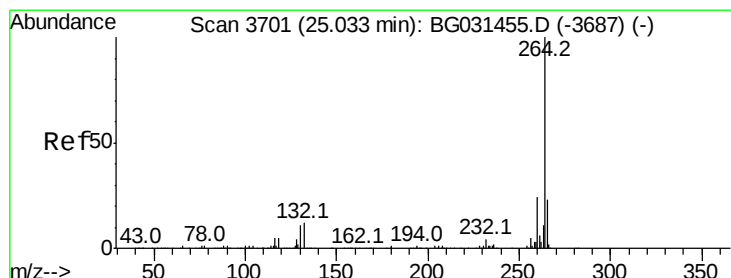
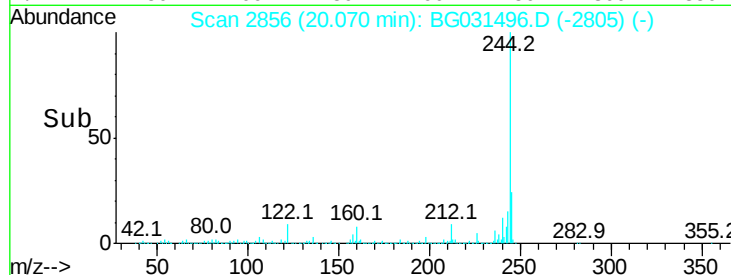
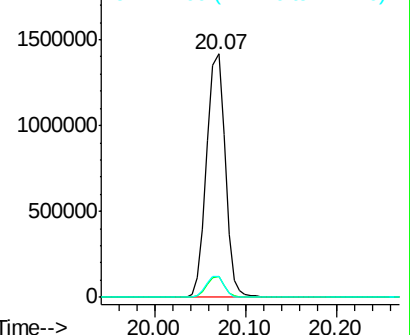
122 8.8 7.0 10.4



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: 25.03 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BG031496.D

Acq: 12 Dec 2017 17:39

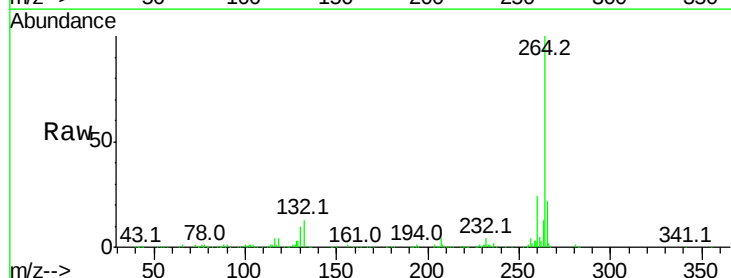
Tgt Ion:264 Resp: 460387

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.8 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

