

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032556.D
 Acq On : 6 Feb 2018 5:02
 Operator : SJ/JU
 Sample : J1445-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-4

Quant Time: Feb 06 07:04:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	24284	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	102925	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	74379	20.00	ng	-0.02
63) Phenanthrene-d10	18.08	188	186752	20.00	ng	0.00
75) Chrysene-d12	22.40	240	256811	20.00	ng	-0.02
86) Perylene-d12	26.07	264	273890	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	128426	106.22	ng	0.00
7) Phenol-d6	7.83	99	145347	90.09	ng	0.00
23) Nitrobenzene-d5	9.91	82	142578	86.52	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	203690	143.87	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	555973	88.84	ng	-0.02
78) Terphenyl-d14	20.62	244	1129468	94.21	ng	0.00

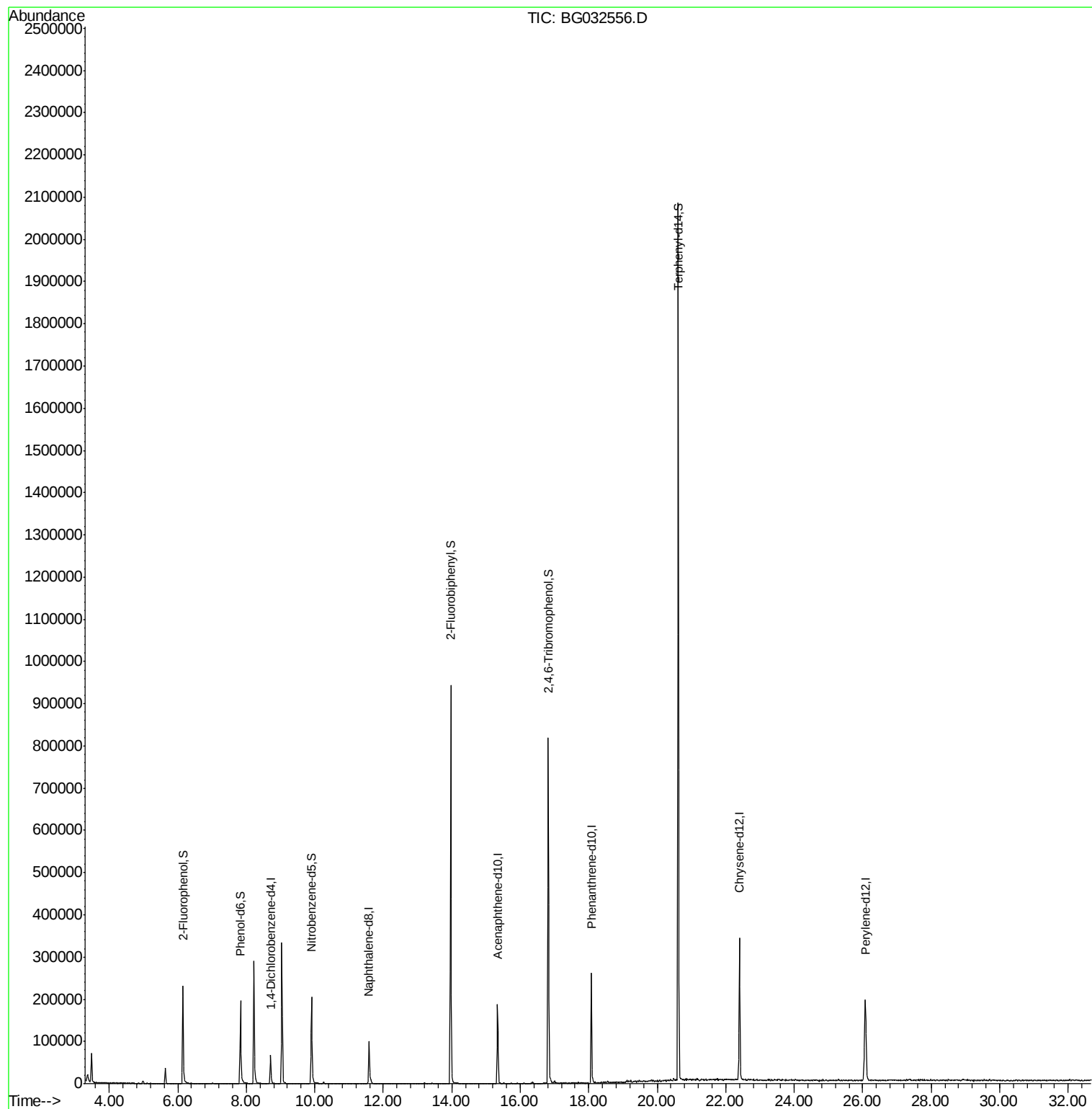
Target Compounds Qvalue

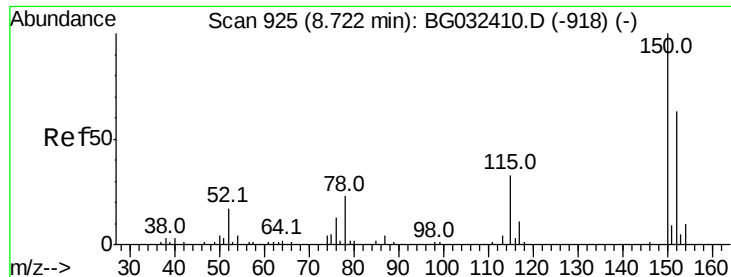
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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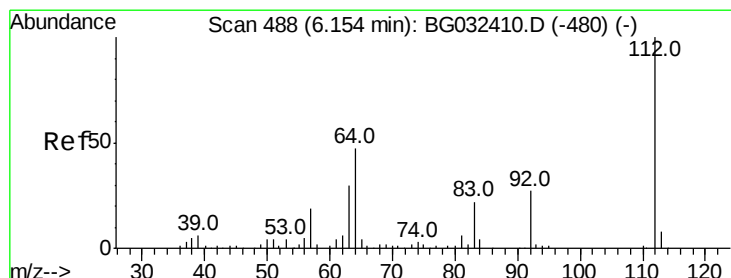
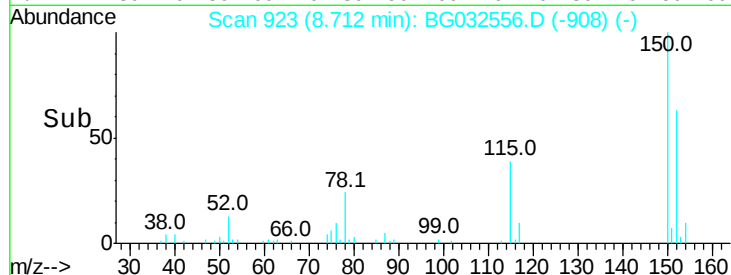
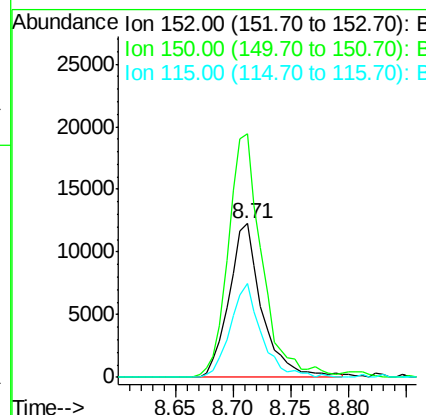
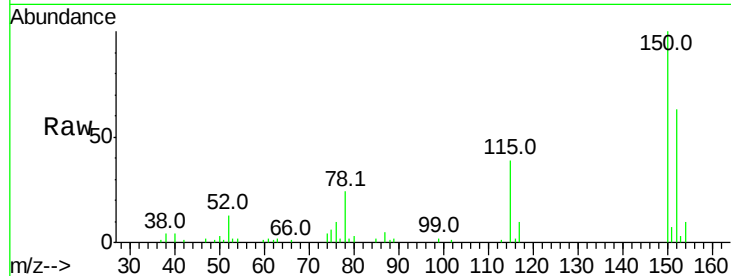


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032556.D
Acq: 6 Feb 2018 5:02

Instrument :
BNA_G
ClientSampleId :
M-4

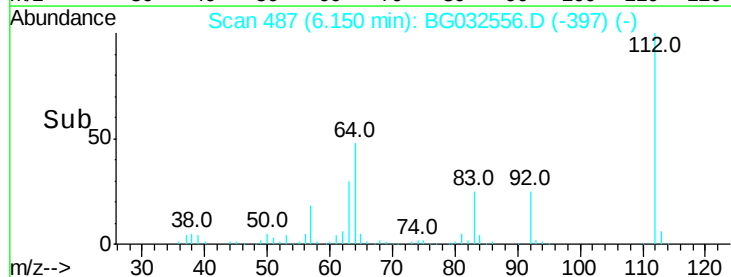
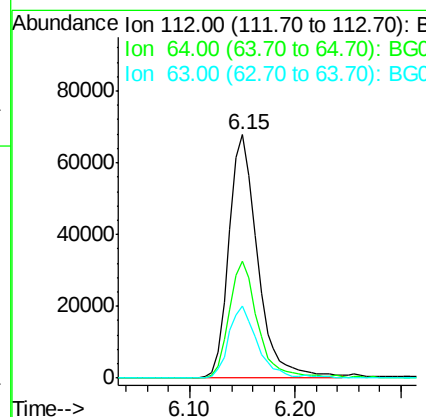
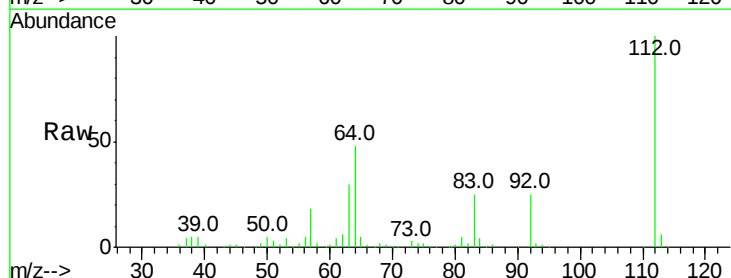
Tot Ion:152 Resp: 24284
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 61.0 53.0 79.4

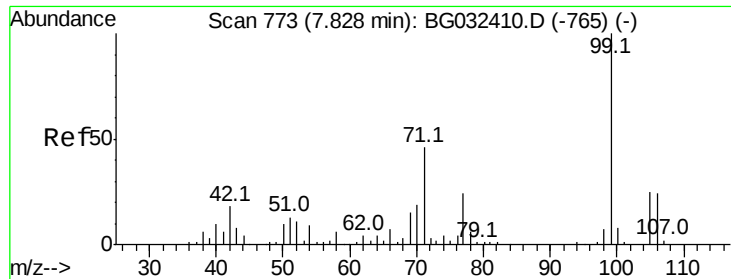


#5

2-Fluorophenol
Concen: 106.223 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032556.D
Acq: 6 Feb 2018 5:02

Tgt Ion:112 Resp: 128426
Ion Ratio Lower Upper
112 100
64 48.2 56.3 84.5#
63 29.8 30.1 45.1#





#7

Phenol-d6

Concen: 90.090 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

Instrument :

BNA_G

ClientSampleId :

M-4

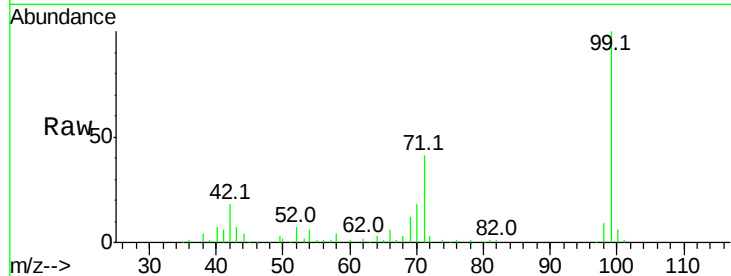
Tot Ion: 99 Resp: 145347

Ion Ratio Lower Upper

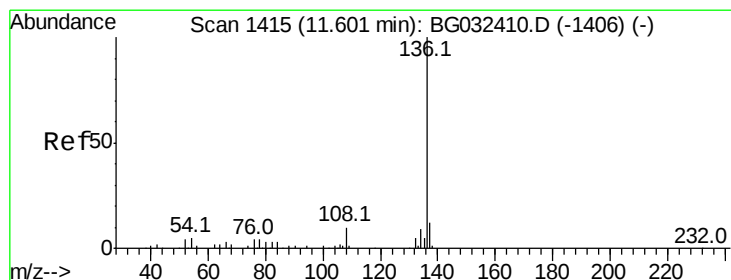
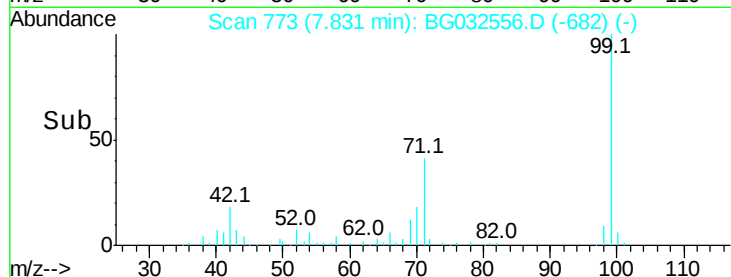
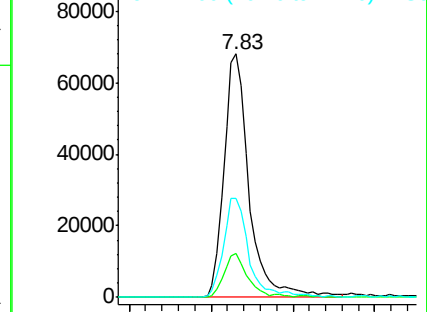
99 100

42 18.2 14.1 21.1

71 40.9 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: 20.000 ng

RT: 11.58 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

Tgt Ion: 136 Resp: 102925

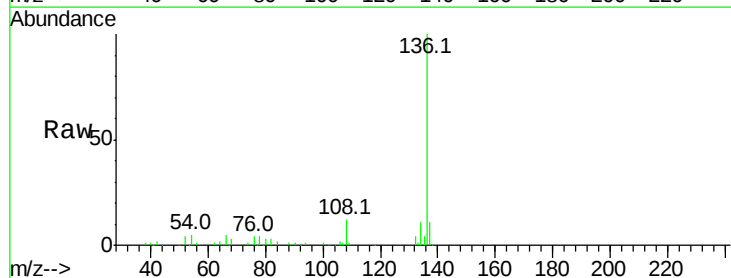
Ion Ratio Lower Upper

136 100

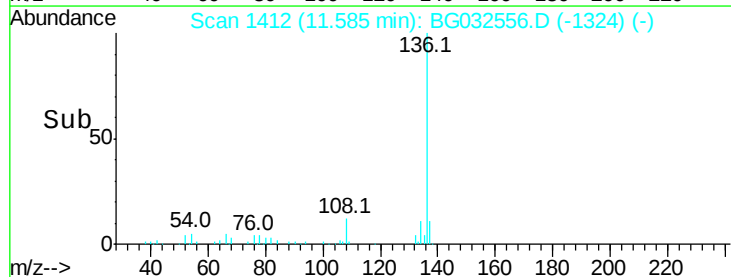
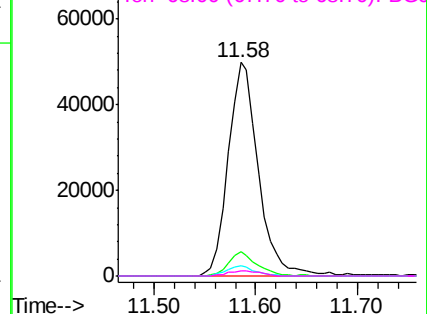
137 11.3 9.2 13.8

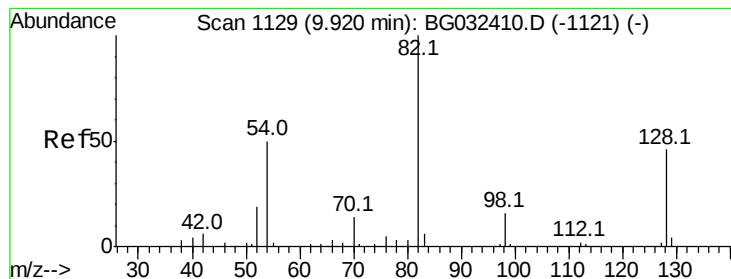
54 5.1 10.3 15.5#

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: 86.524 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

Instrument :

BNA_G

ClientSampled :

M-4

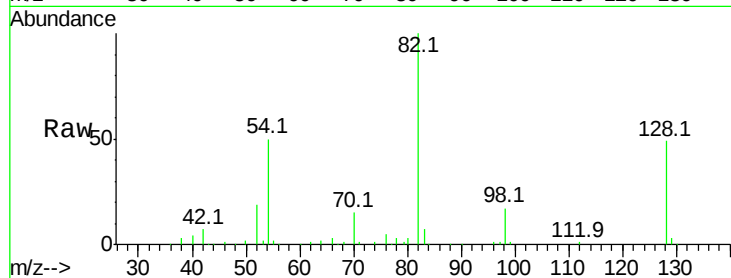
Tot Ion: 82 Resp: 142578

Ion Ratio Lower Upper

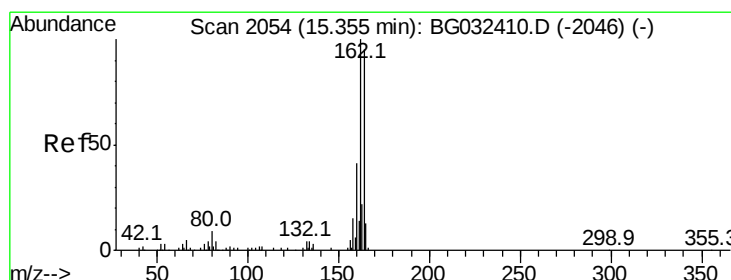
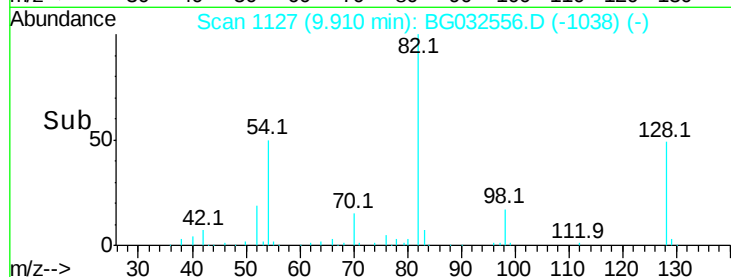
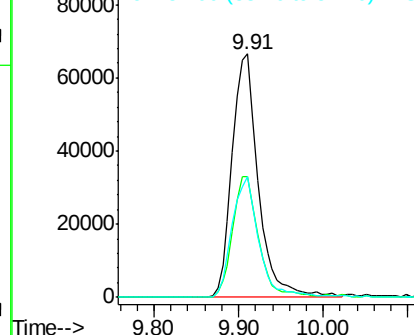
82 100

128 49.4 29.7 44.5#

54 49.7 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.02 min

Lab File: BG032556.D

Acq: 6 Feb 2018 5:02

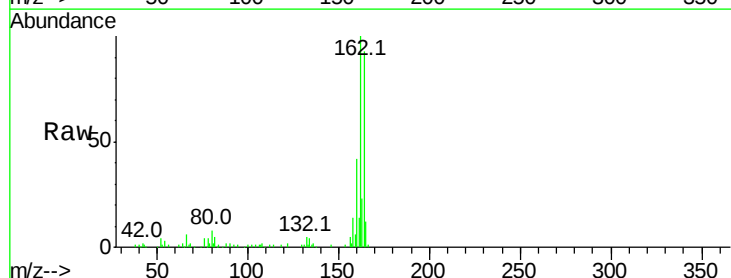
Tgt Ion:164 Resp: 74379

Ion Ratio Lower Upper

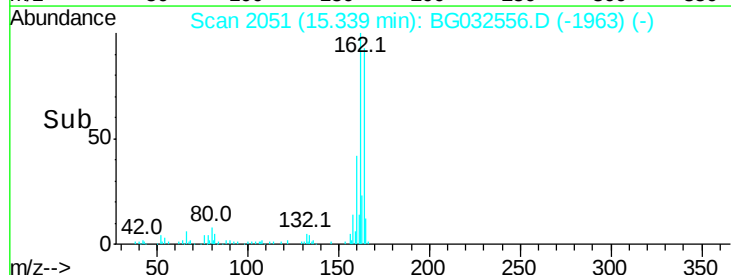
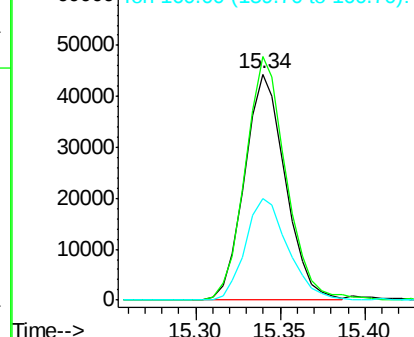
164 100

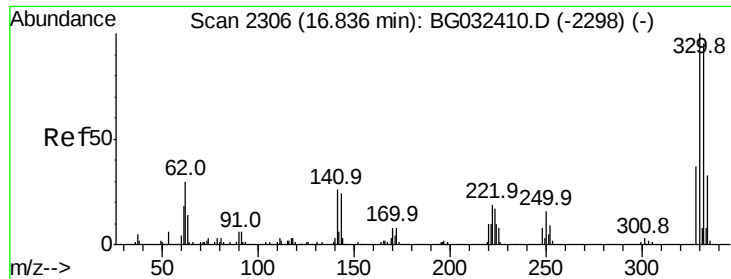
162 107.8 78.8 118.2

160 45.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

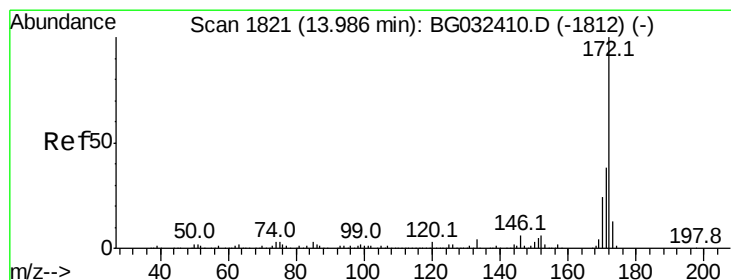
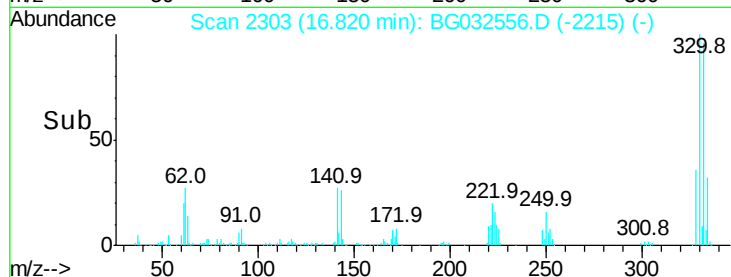
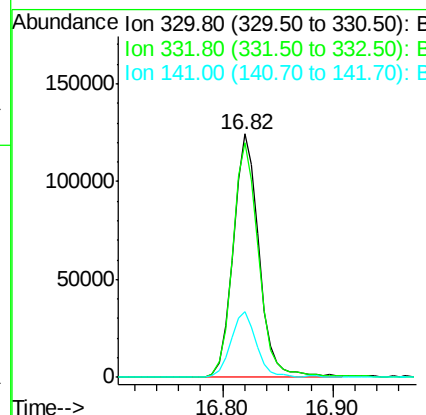
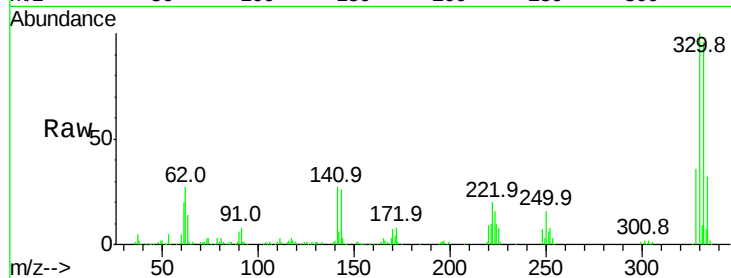




#41
 2,4,6-Tribromophenol
 Concen: 143.869 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BG032556.D
 Acq: 6 Feb 2018 5:02

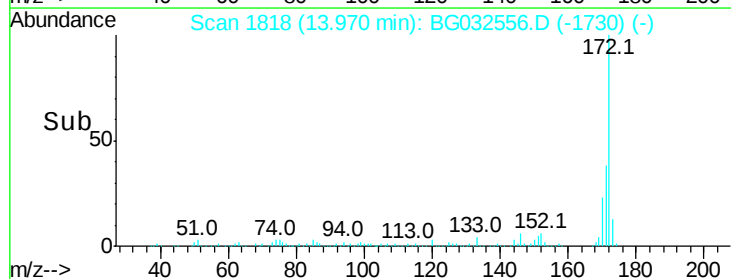
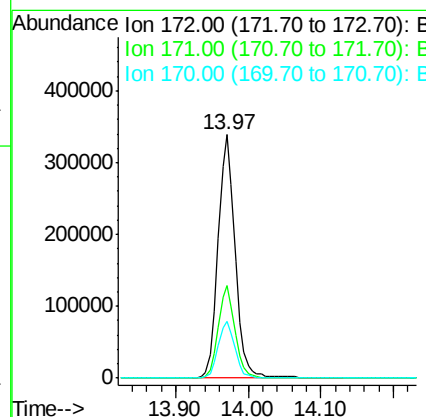
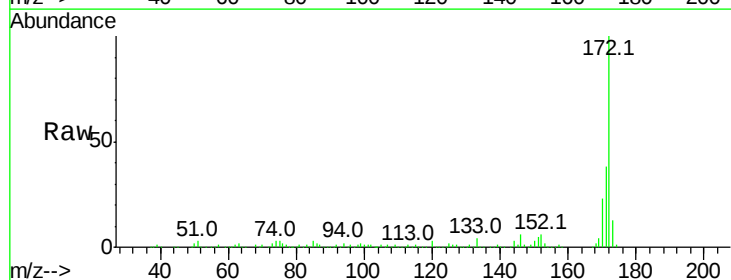
Instrument :
 BNA_G
 ClientSampleId :
 M-4

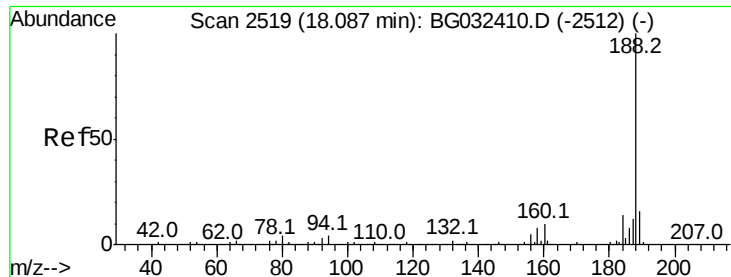
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	26.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 88.844 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032556.D
 Acq: 6 Feb 2018 5:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.5	19.5	29.3

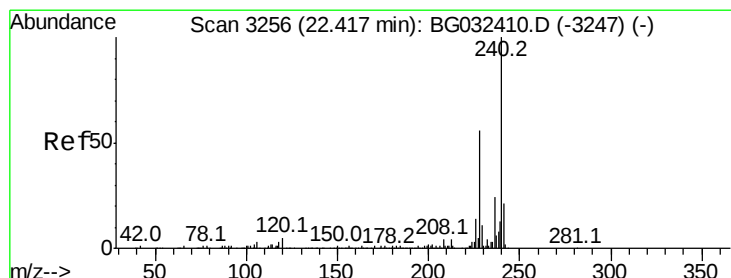
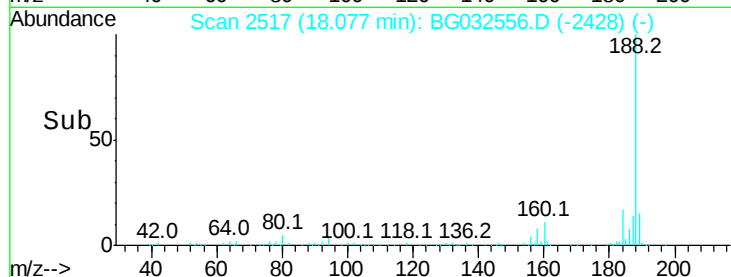
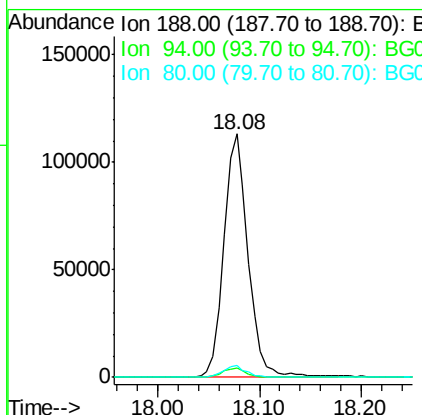
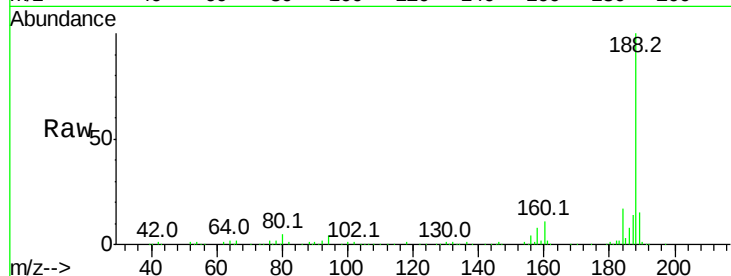




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032556.D
Acq: 6 Feb 2018 5:02

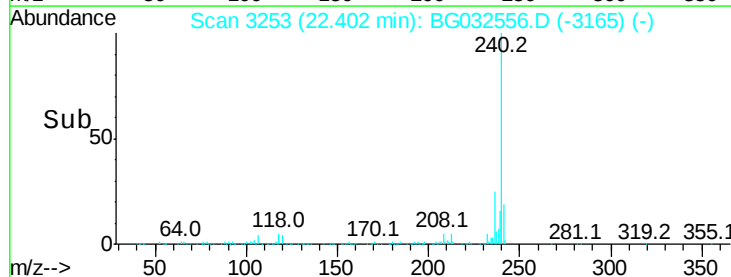
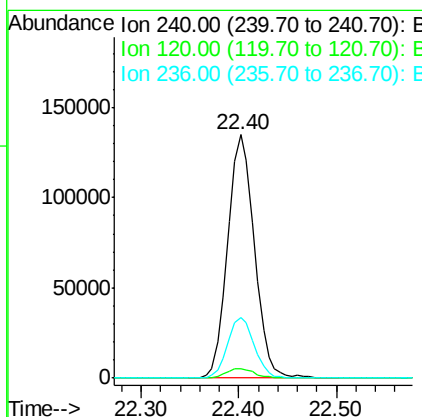
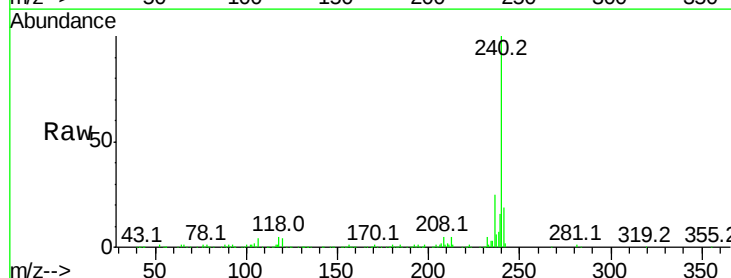
Instrument :
BNA_G
ClientSampleId :
M-4

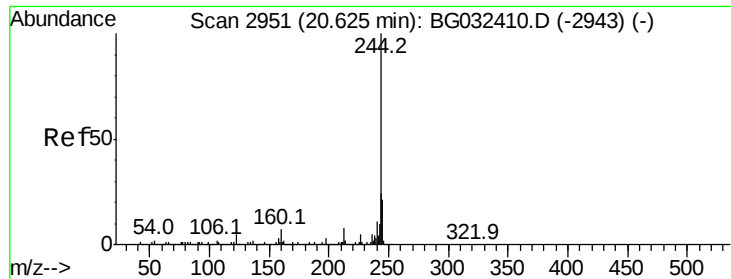
Tot Ion	Ratio	Lower	Upper
188	100		
94	4.1	6.9	10.3#
80	4.7	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032556.D
Acq: 6 Feb 2018 5:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.8	10.2#
236	24.9	20.9	31.3

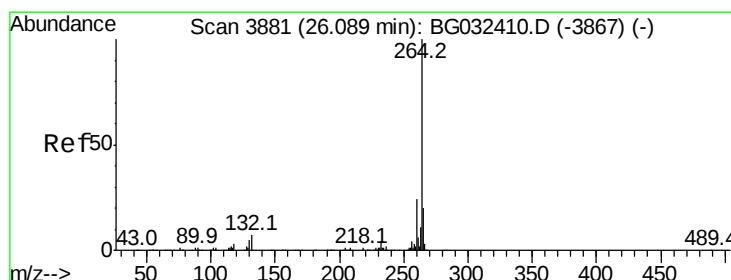
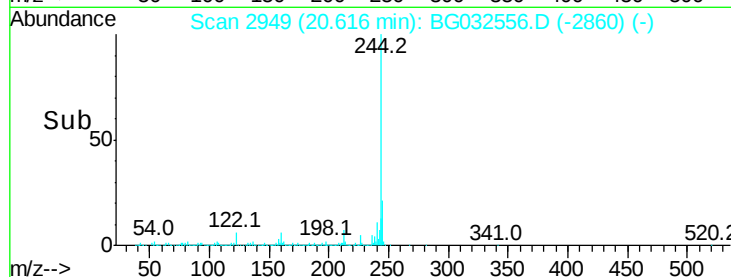
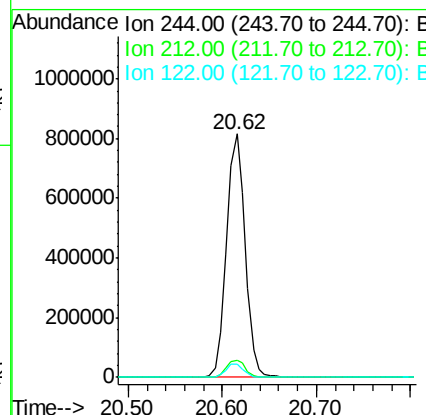
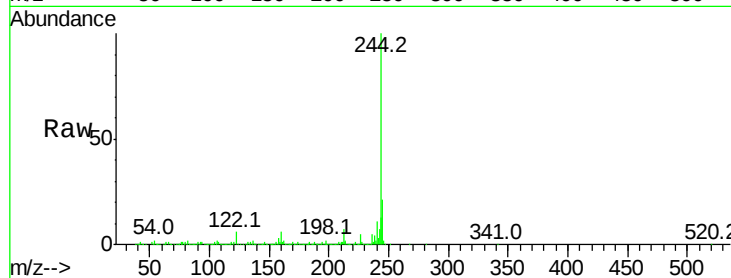




#78
 Terphenyl-d14
 Concen: 94.210 ng
 RT: 20.62 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BG032556.D
 Acq: 6 Feb 2018 5:02

Instrument :
 BNA_G
 ClientSampleId :
 M-4

Tot Ion:244 Resp: 1129468
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 5.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.07 min Scan# 3878
 Delta R.T. -0.02 min
 Lab File: BG032556.D
 Acq: 6 Feb 2018 5:02

Tgt Ion:264 Resp: 273890
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.4 26.0
 265 20.6 17.7 26.5

