

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038064.D
 Acq On : 19 Nov 2018 16:08
 Operator : JU/SJ
 Sample : J5762-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-111518

Quant Time: Nov 20 00:54:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47930	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	198846	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	128754	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	303266	20.00	ng	0.00
76) Chrysene-d12	21.75	240	306585	20.00	ng	0.00
87) Perylene-d12	25.07	264	311845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	287878	103.70	ng	0.00
7) Phenol-d6	7.23	99	357395	90.19	ng	0.00
23) Nitrobenzene-d5	9.26	82	286280	77.07	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	146971	100.09	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	649020	73.44	ng	0.00
79) Terphenyl-d14	20.07	244	1045238	80.22	ng	0.00

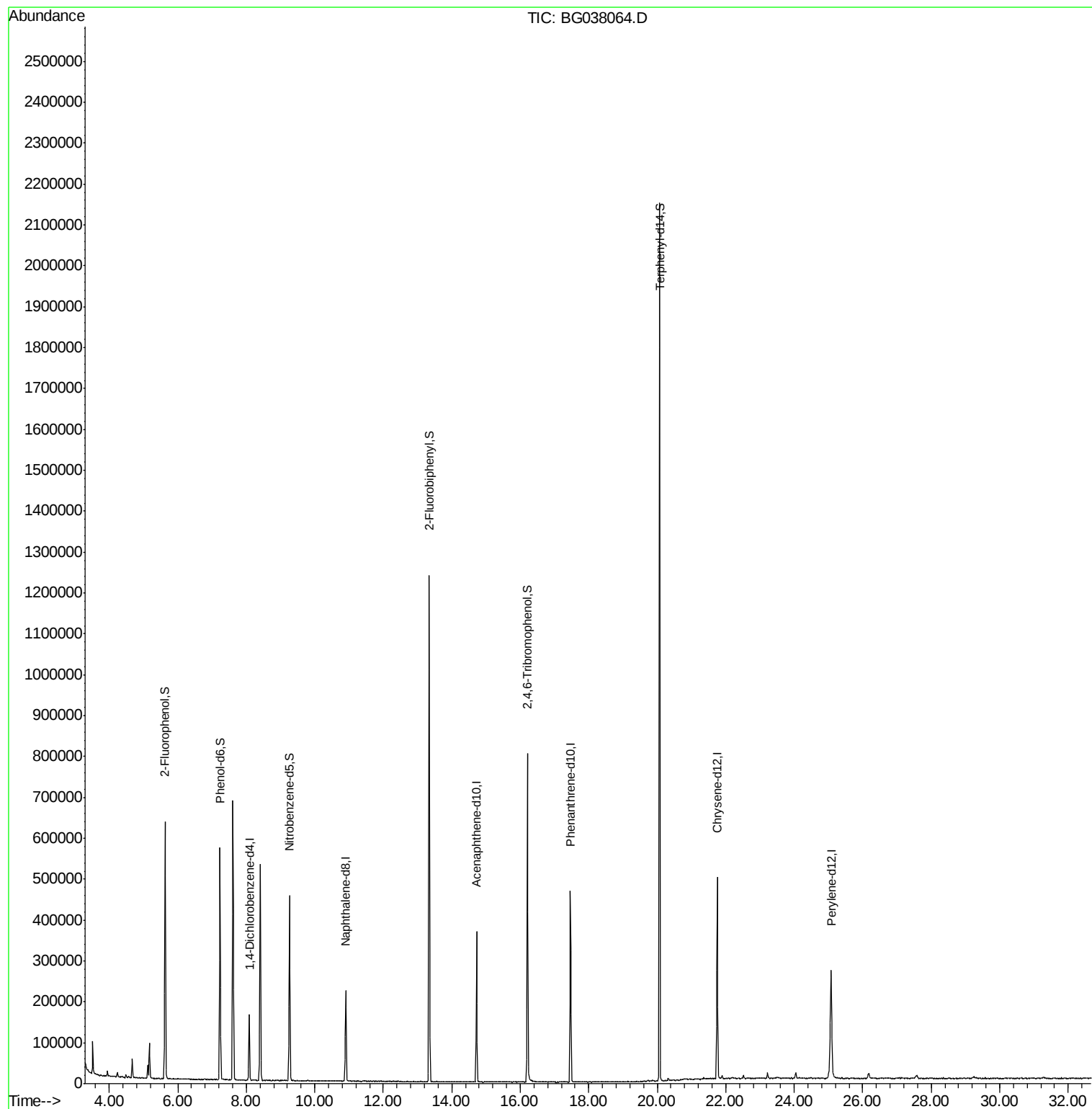
Target Compounds Qvalue

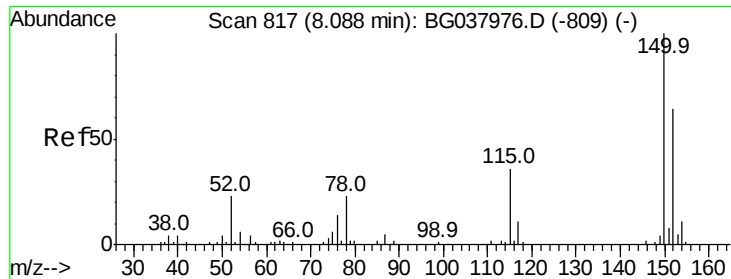
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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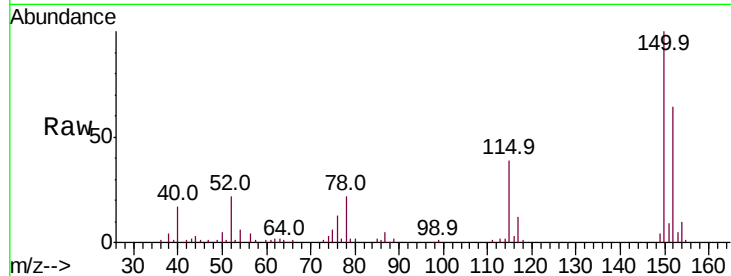


#1

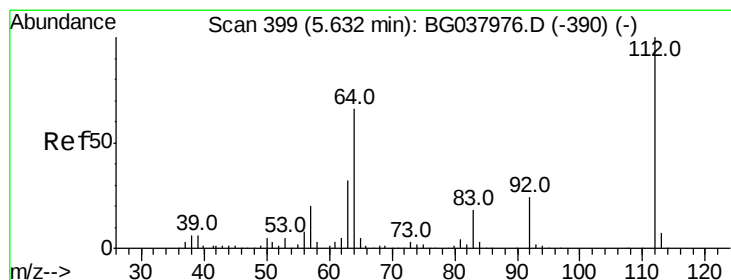
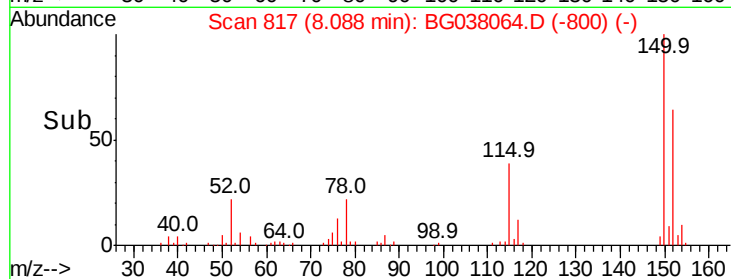
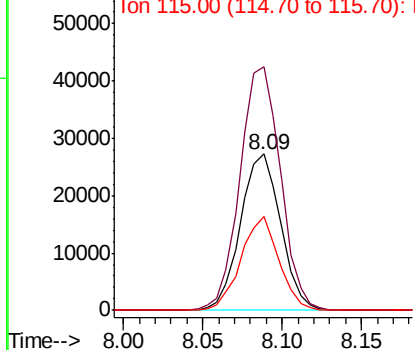
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038064.D
Acq: 19 Nov 2018 16:08

Instrument :
BNA_G
ClientSampleId :
BU-03-111518

Tot Ion:152 Resp: 47930
Ion Ratio Lower Upper
152 100
150 156.0 126.0 189.0
115 60.2 45.5 68.3



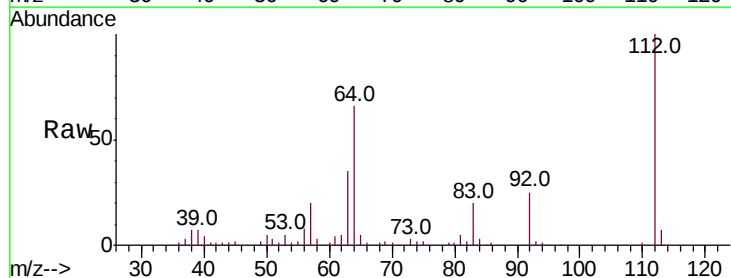
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



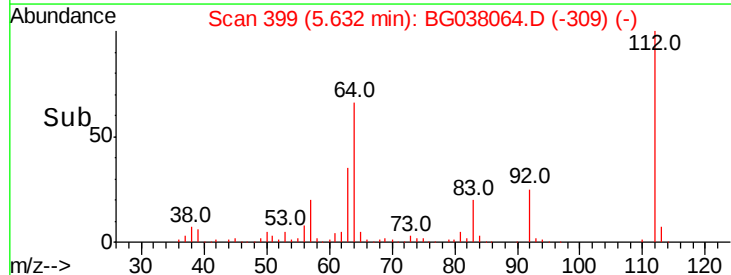
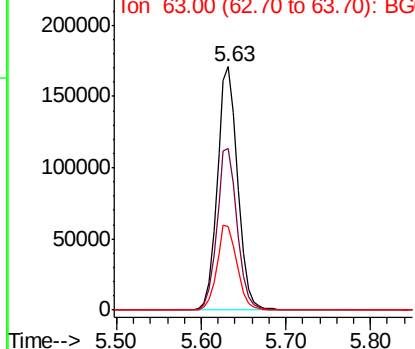
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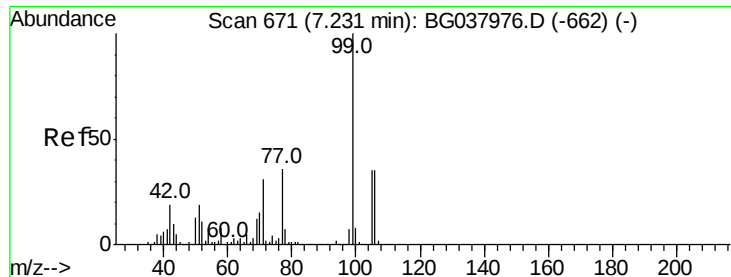
2-Fluorophenol
Concen: 103.701 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038064.D
Acq: 19 Nov 2018 16:08

Tgt Ion:112 Resp: 287878
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 34.6 27.3 40.9



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: 90.192 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038064.D

Acq: 19 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

BU-03-111518

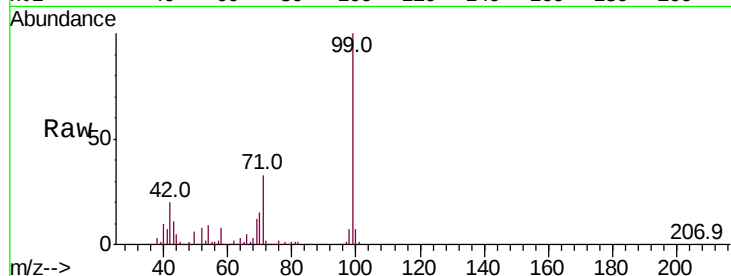
Tot Ion: 99 Resp: 357395

Ion Ratio Lower Upper

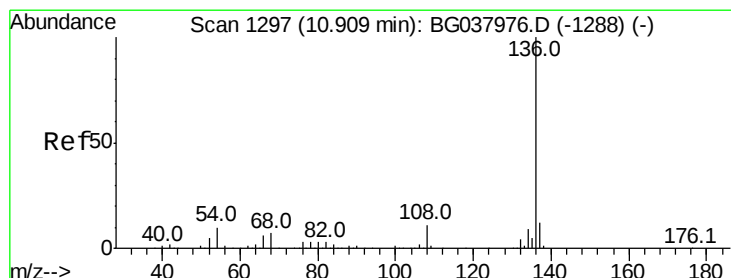
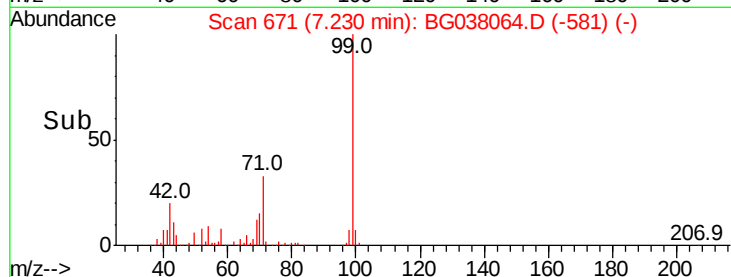
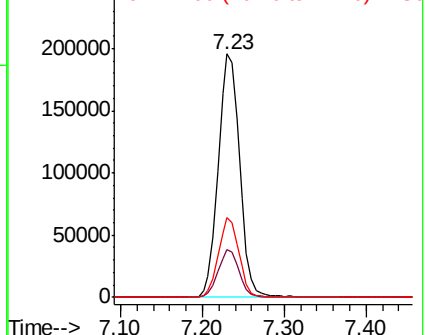
99 100

42 19.5 15.0 22.4

71 32.5 25.5 38.3



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: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038064.D

Acq: 19 Nov 2018 16:08

Tgt Ion: 136 Resp: 198846

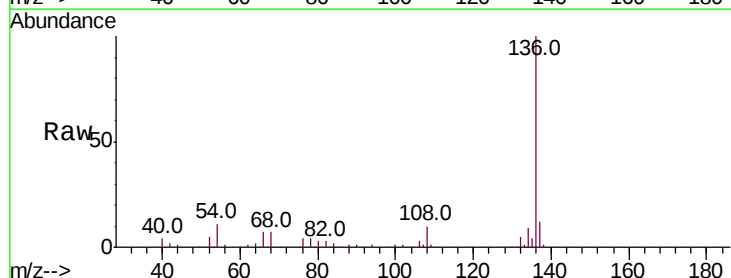
Ion Ratio Lower Upper

136 100

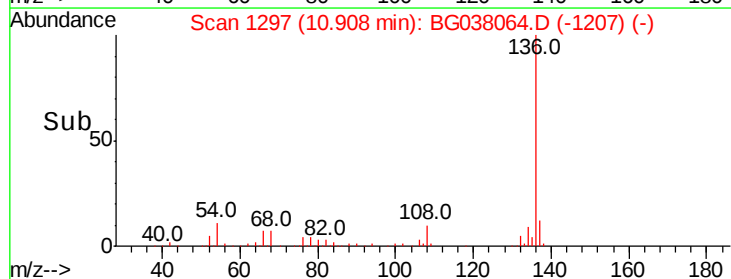
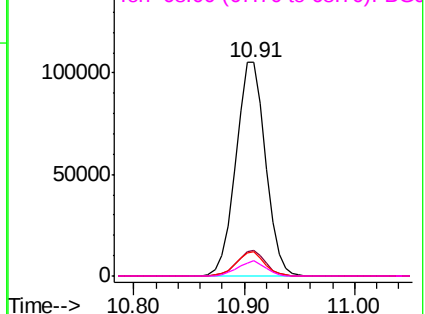
137 11.9 9.6 14.4

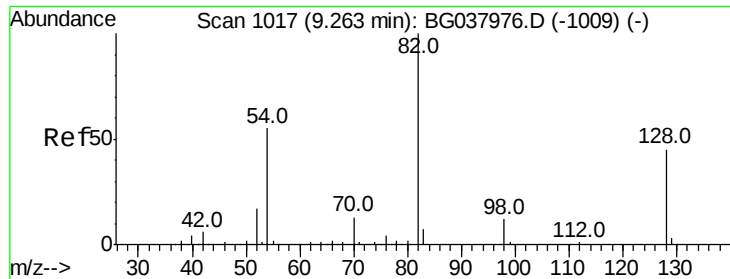
54 11.3 7.9 11.9

68 7.0 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

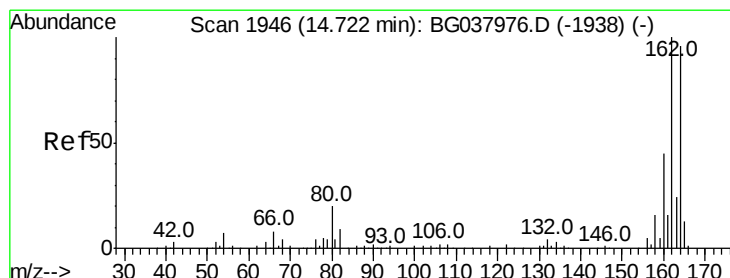
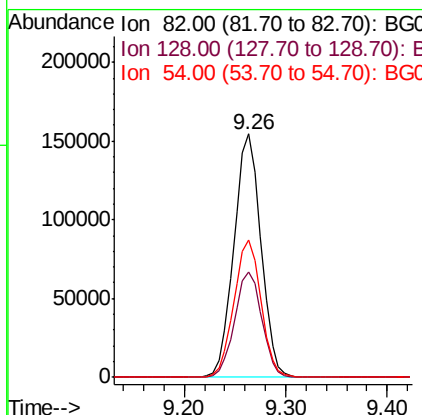
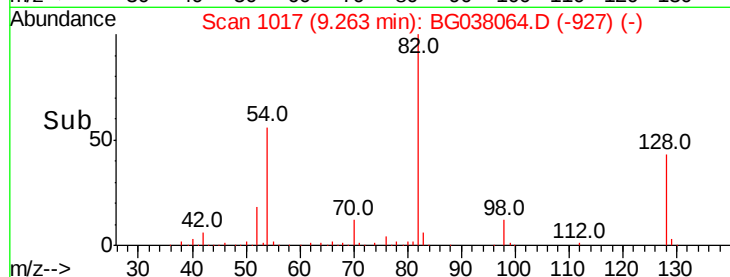
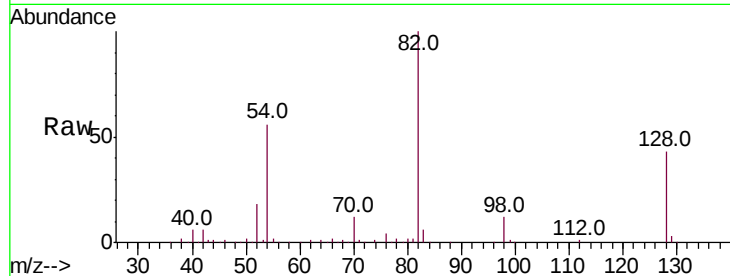




#23
Nitrobenzene-d5
Concen: 77.068 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038064.D
Acq: 19 Nov 2018 16:08

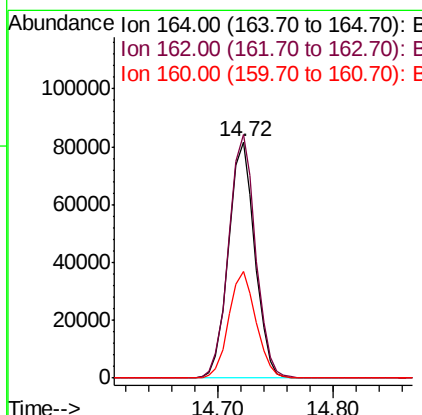
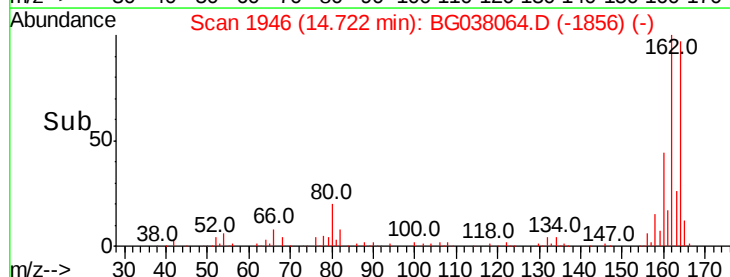
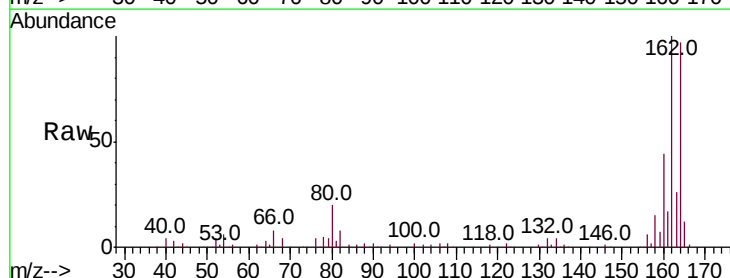
Instrument :
BNA_G
ClientSampleId :
BU-03-111518

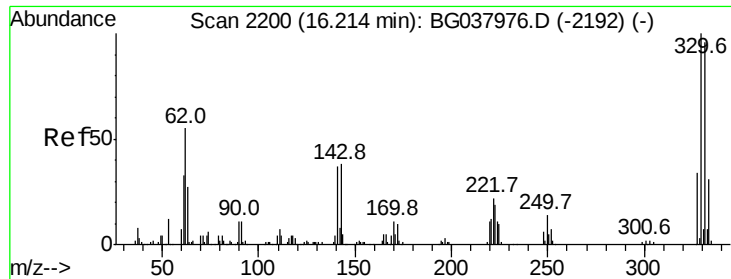
Tot Ion	82	Resp	286280
Ion Ratio	Lower	Upper	
82	100		
128	43.3	34.6	51.8
54	56.4	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038064.D
Acq: 19 Nov 2018 16:08

Tgt Ion	164	Resp	128754
Ion Ratio	Lower	Upper	
164	100		
162	103.0	81.3	121.9
160	45.2	36.3	54.5

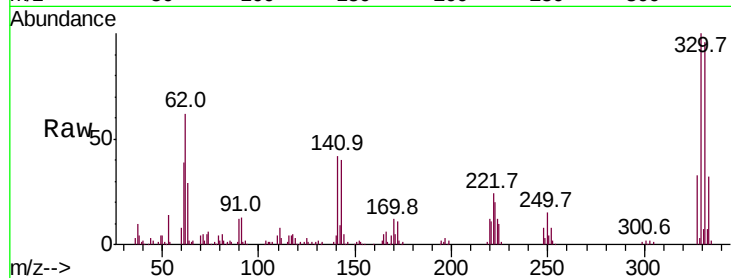




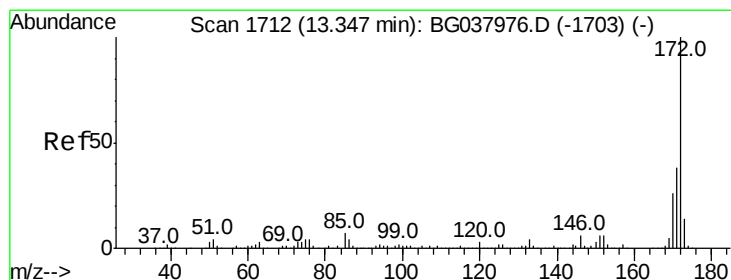
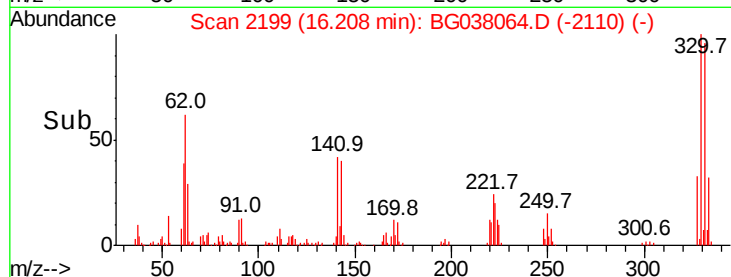
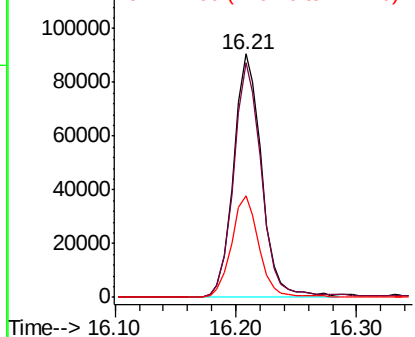
#42
 2,4,6-Tribromophenol
 Concen: 100.089 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038064.D
 Acq: 19 Nov 2018 16:08

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-111518

Tot Ion:330 Resp: 146971
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.4 117.6
 141 40.6 32.2 48.2

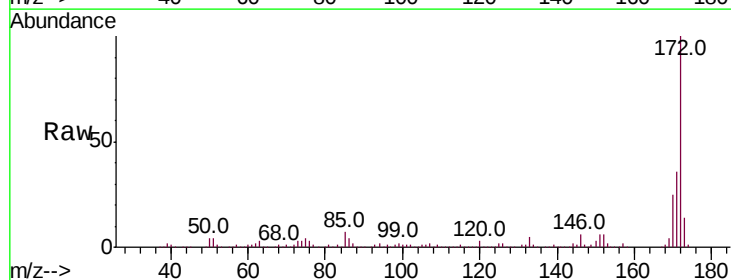


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

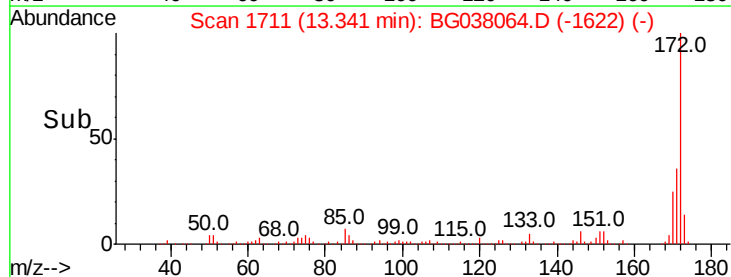
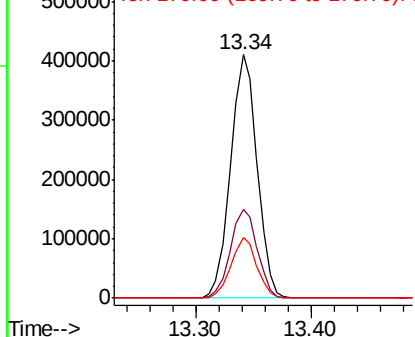


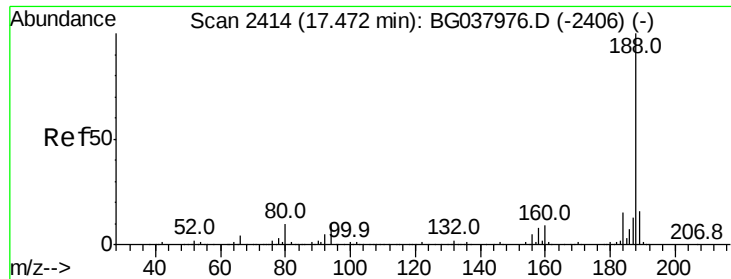
#45
 2-Fluorobiphenyl
 Concen: 73.437 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038064.D
 Acq: 19 Nov 2018 16:08

Tgt Ion:172 Resp: 649020
 Ion Ratio Lower Upper
 172 100
 171 36.4 31.0 46.4
 170 24.9 20.2 30.2



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

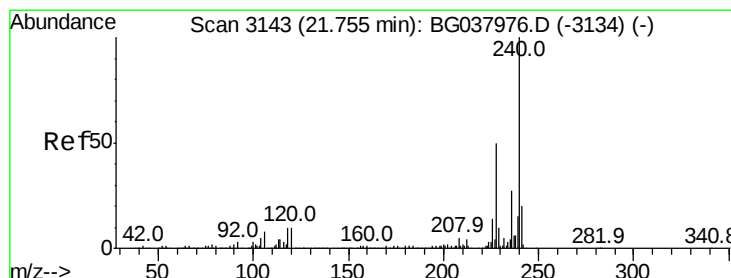
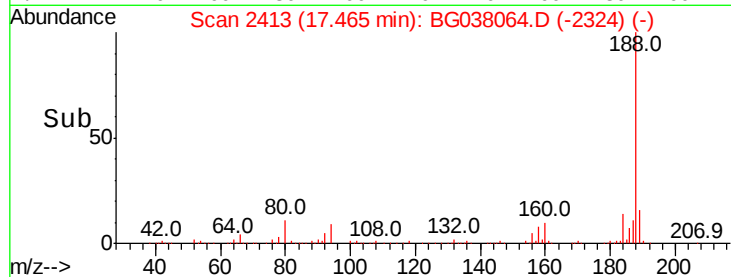
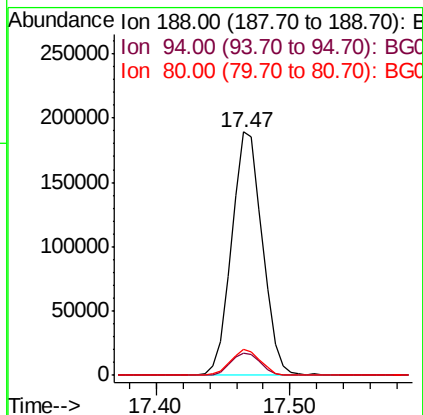
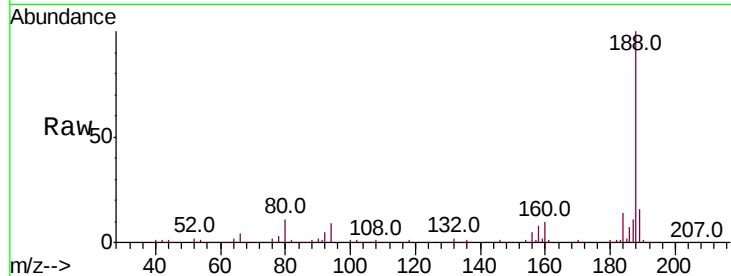




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038064.D
Acq: 19 Nov 2018 16:08

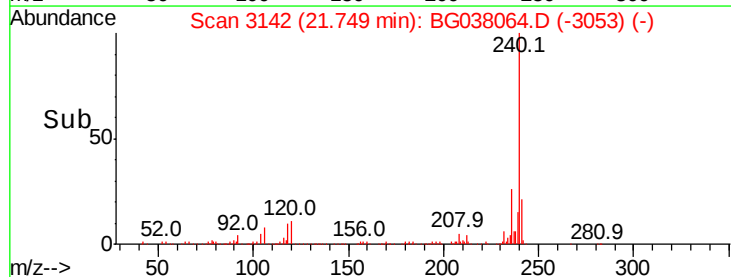
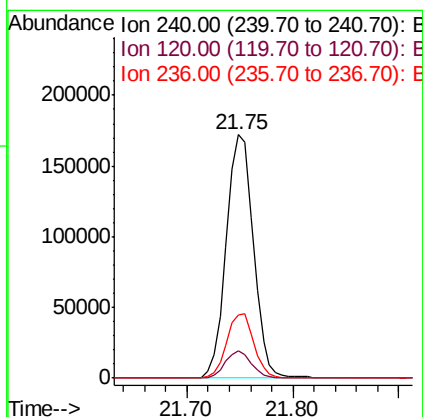
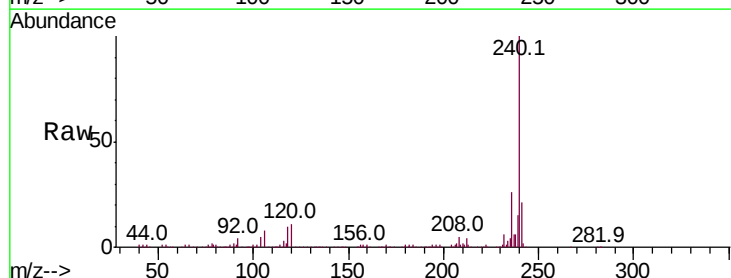
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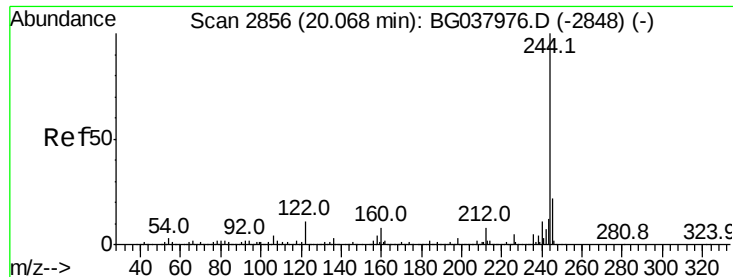
Tot Ion:188 Resp: 303266
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038064.D
Acq: 19 Nov 2018 16:08

Tgt Ion:240 Resp: 306585
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 26.1 21.4 32.0





#79

Terphenyl-d14

Concen: 80.221 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038064.D

Acq: 19 Nov 2018 16:08

Instrument :

BNA_G

ClientSampleId :

BU-03-111518

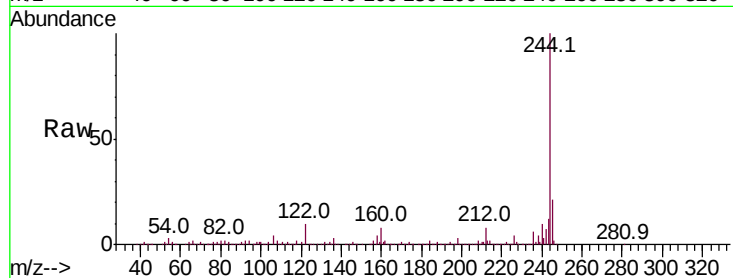
Tot Ion:244 Resp: 1045238

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

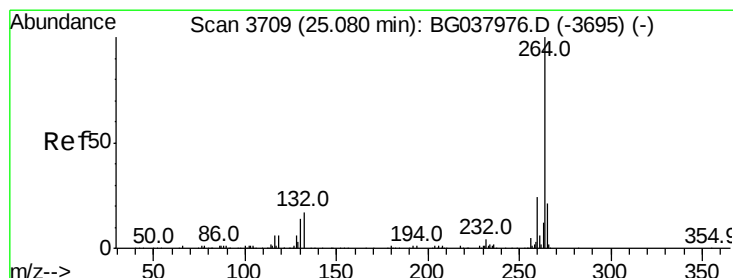
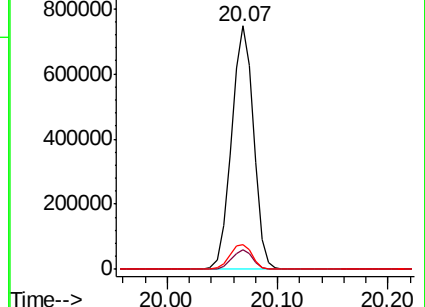
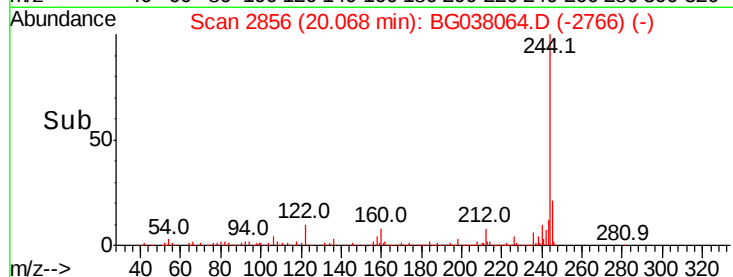
122 10.4 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038064.D

Acq: 19 Nov 2018 16:08

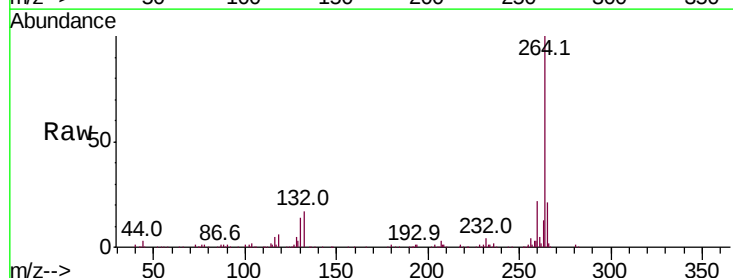
Tgt Ion:264 Resp: 311845

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 20.8 17.9 26.9



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

