

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038279.D
 Acq On : 1 Dec 2018 5:50
 Operator : JU/SJ
 Sample : J6129-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-D-B

Quant Time: Dec 03 00:05:40 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

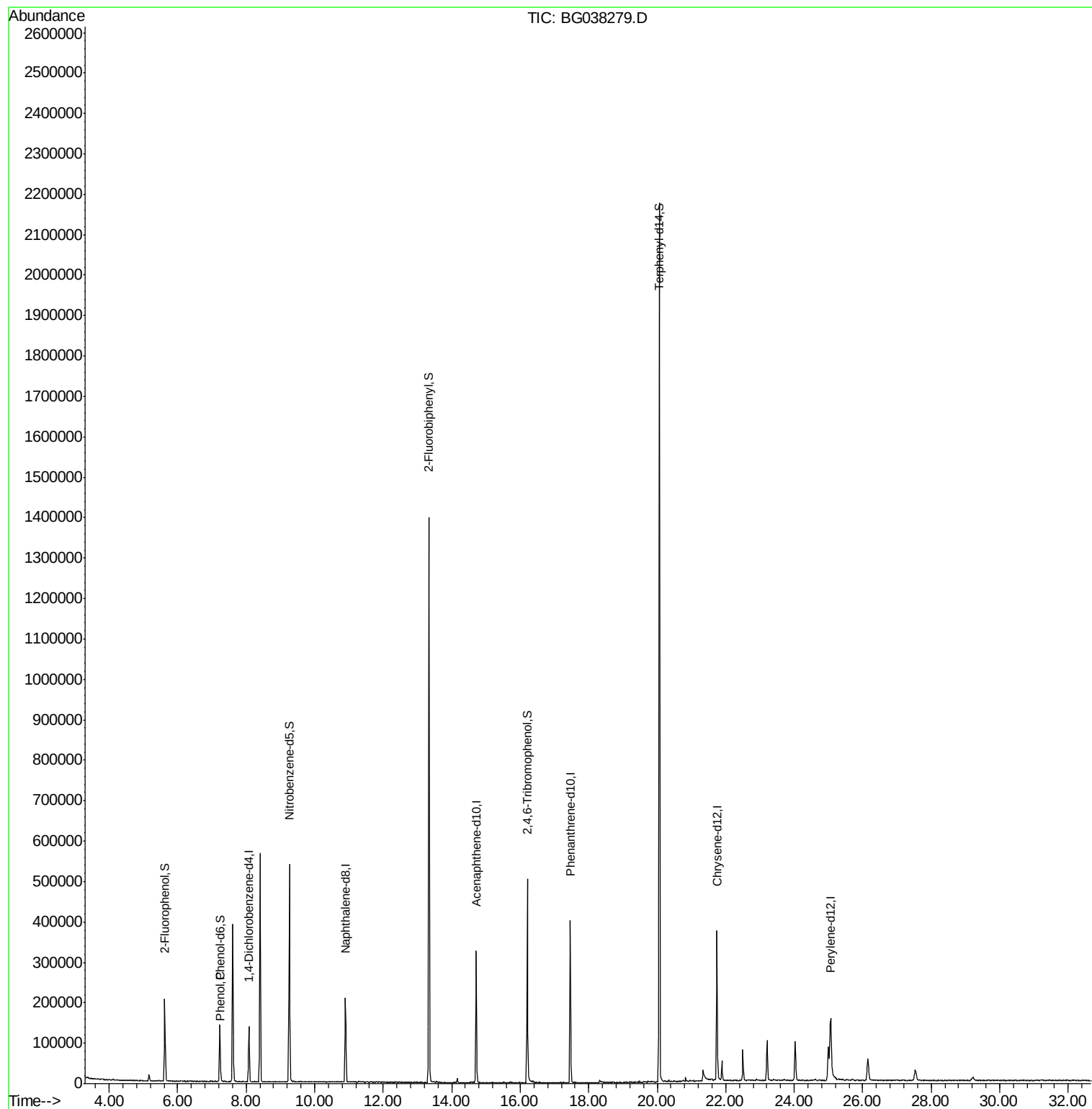
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40355	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	184149	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	115910	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	255428	20.00	ng	0.00
76) Chrysene-d12	21.74	240	241155	20.00	ng	0.00
87) Perylene-d12	25.06	264	223375	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	95561	40.89	ng	0.00
7) Phenol-d6	7.23	99	83290	24.96	ng	0.00
23) Nitrobenzene-d5	9.26	82	333383	96.91	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	96944	73.34	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	758201	95.30	ng	0.00
79) Terphenyl-d14	20.06	244	1057730	103.21	ng	0.00
Target Compounds						
10) Phenol	7.26	94	9719	2.750	ng	Qvalue 94

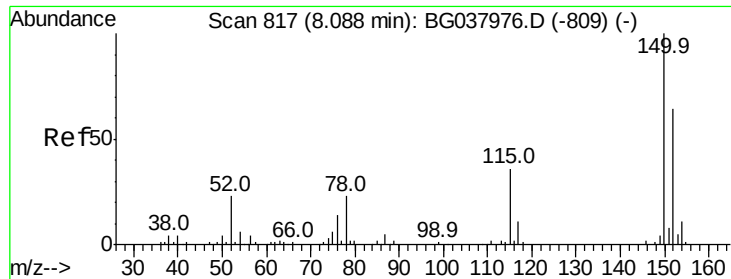
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



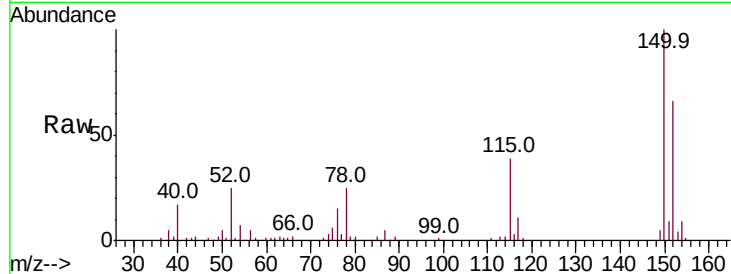


#1

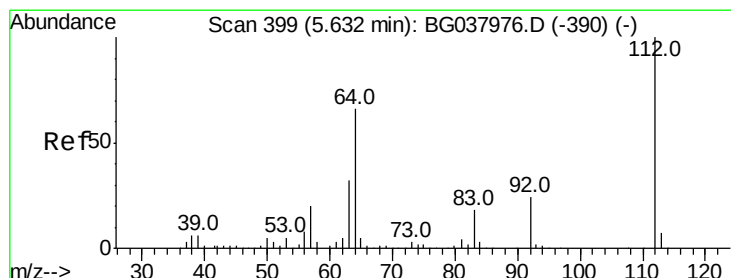
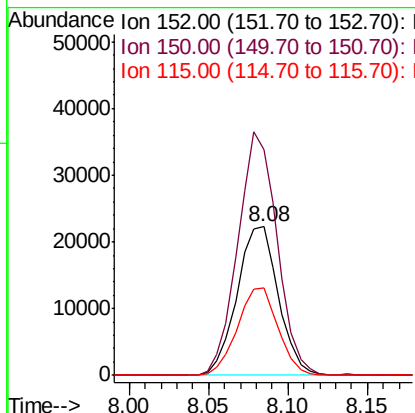
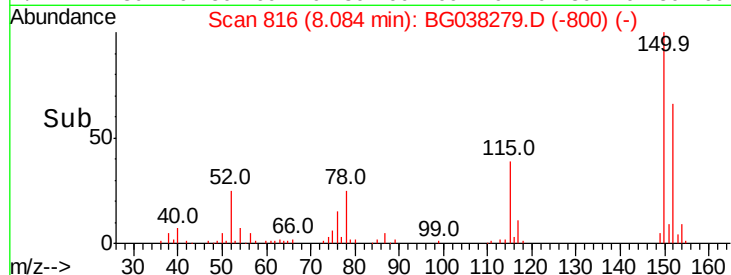
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038279.D
Acq: 1 Dec 2018 5:50

Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-D-B

Tot Ion:152 Resp: 40355
Ion Ratio Lower Upper
152 100
150 152.2 126.0 189.0
115 58.8 45.5 68.3



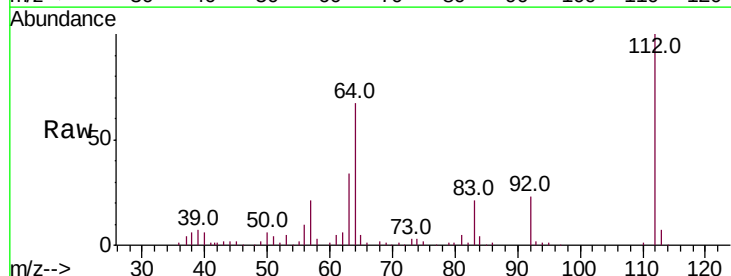
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



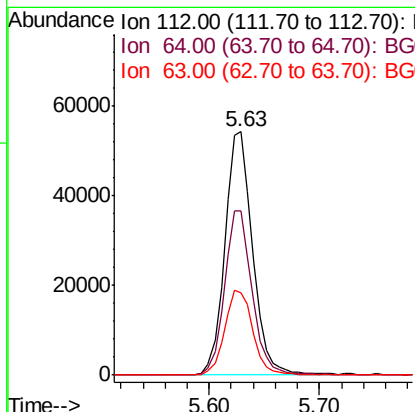
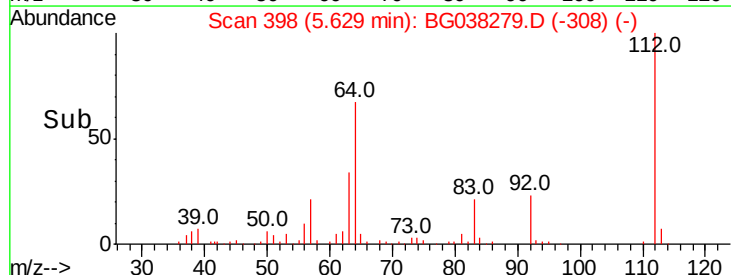
#5

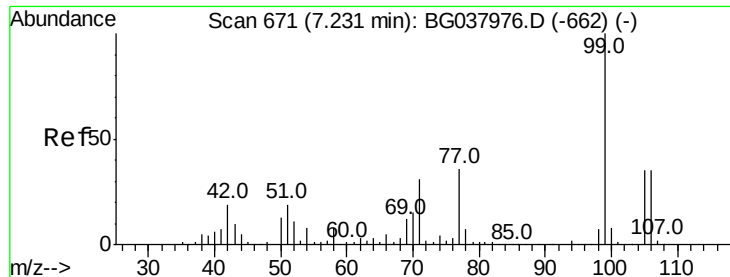
2-Fluorophenol
Concen: 40.885 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038279.D
Acq: 1 Dec 2018 5:50

Tgt Ion:112 Resp: 95561
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 33.9 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: 24.964 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038279.D

Acq: 1 Dec 2018 5:50

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-D-B

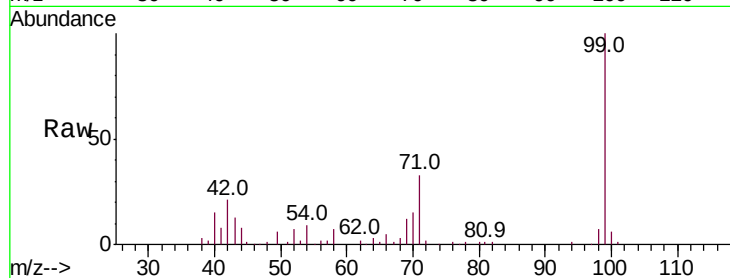
Tot Ion: 99 Resp: 83290

Ion Ratio Lower Upper

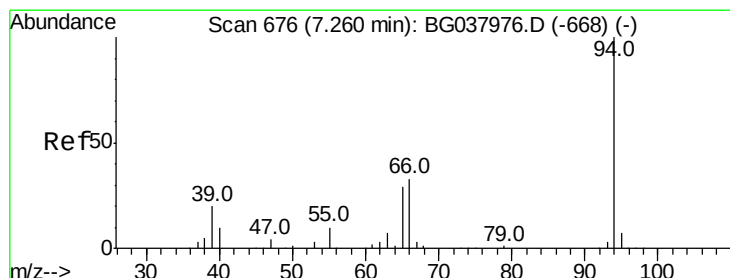
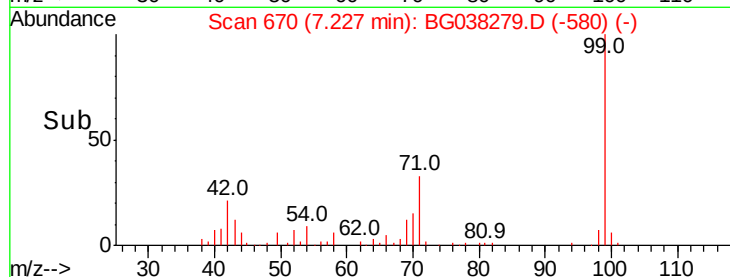
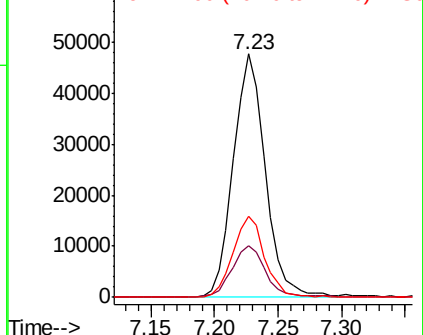
99 100

42 21.2 15.0 22.4

71 33.3 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



#10

Phenol

Concen: 2.750 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG038279.D

Acq: 1 Dec 2018 5:50

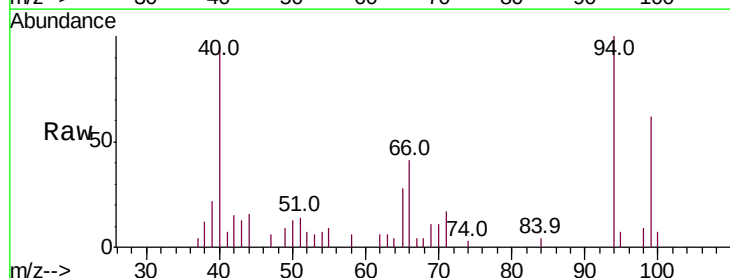
Tgt Ion: 94 Resp: 9719

Ion Ratio Lower Upper

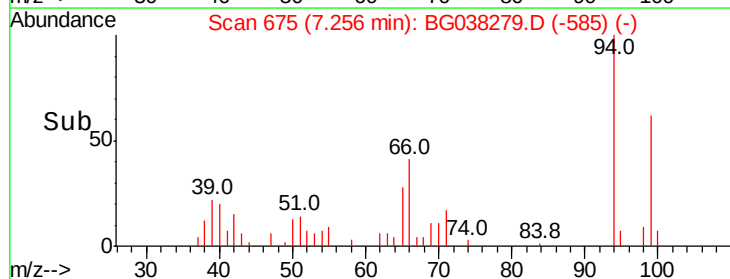
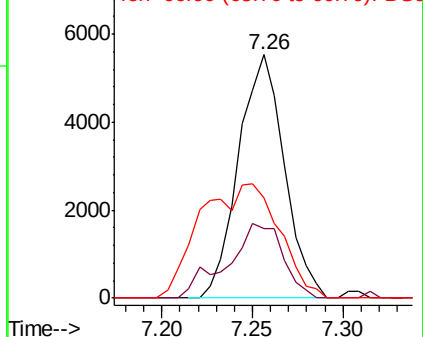
94 100

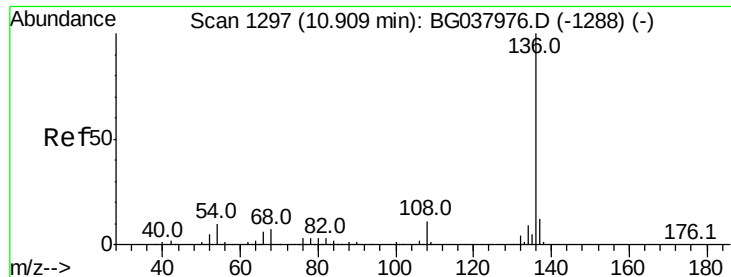
65 28.5 9.7 49.7

66 41.0 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

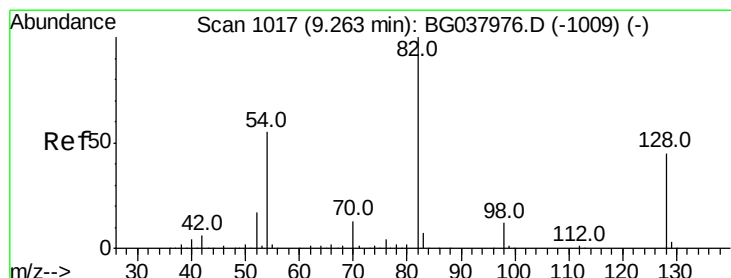
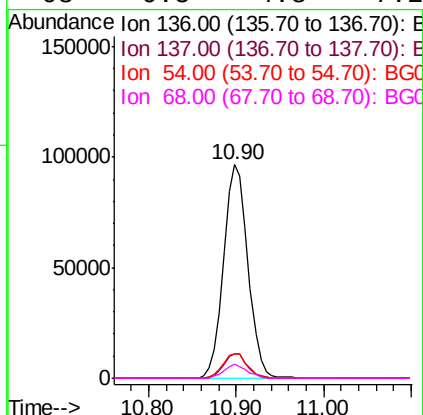
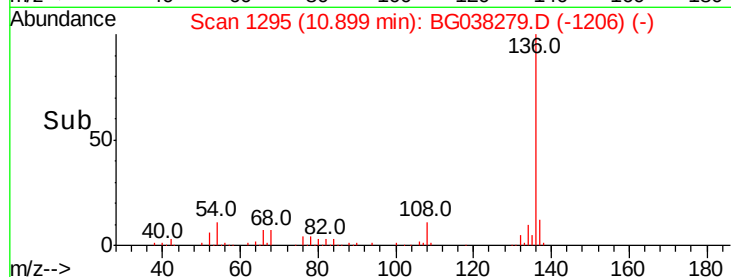
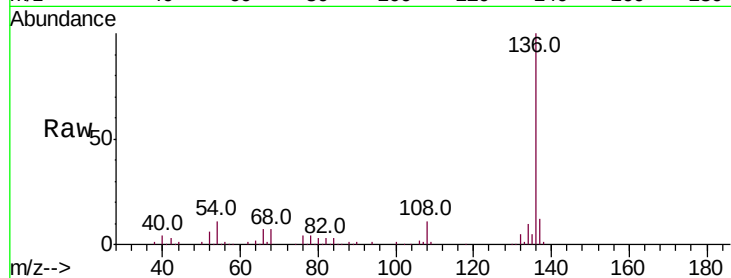




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038279.D
Acq: 1 Dec 2018 5:50

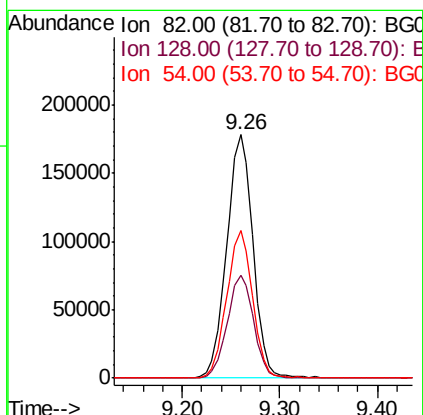
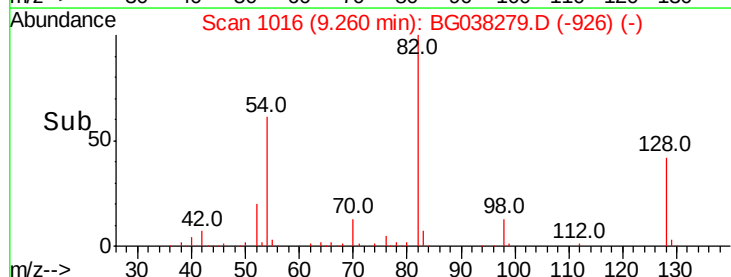
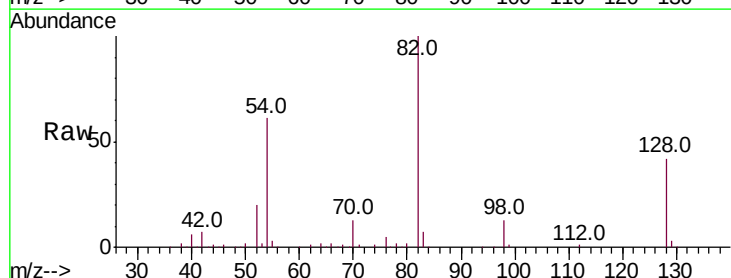
Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-D-B

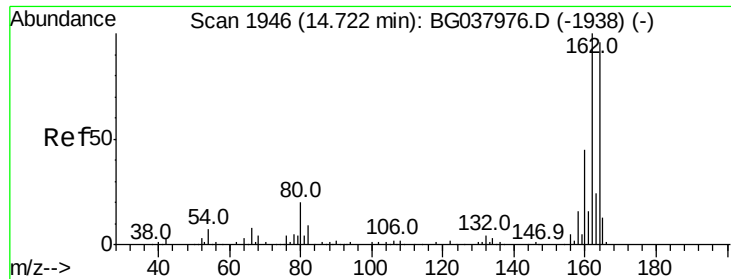
Tot Ion:136	Resp:	184149
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.6 14.4
54	11.1	7.9 11.9
68	6.5	4.8 7.2



#23
Nitrobenzene-d5
Concen: 96.911 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038279.D
Acq: 1 Dec 2018 5:50

Tgt Ion: 82	Resp:	333383
Ion	Ratio	Lower Upper
82	100	
128	42.3	34.6 51.8
54	60.5	45.3 67.9

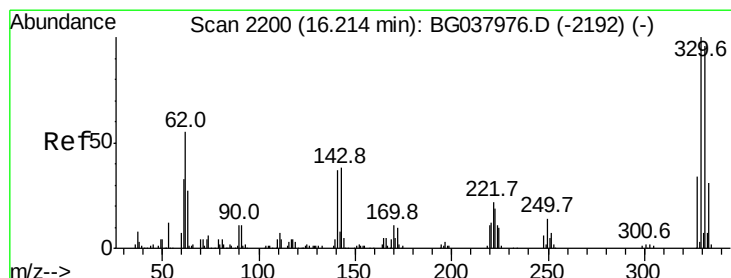
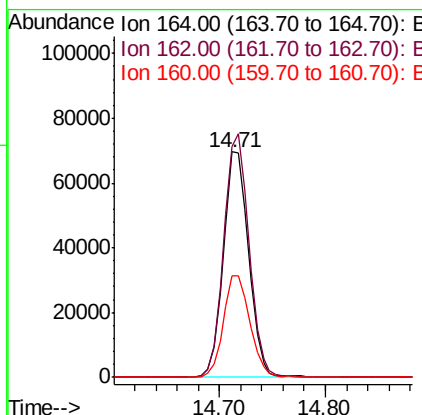
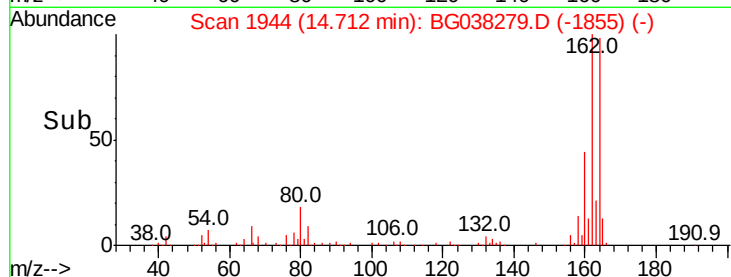
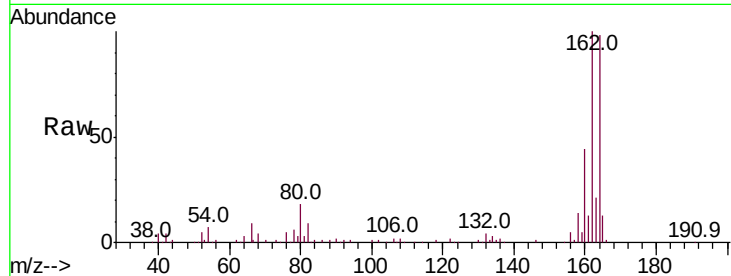




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038279.D
Acq: 1 Dec 2018 5:50

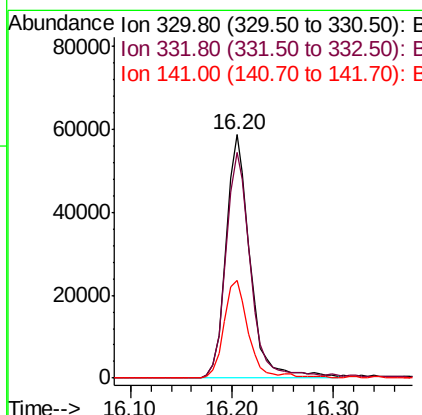
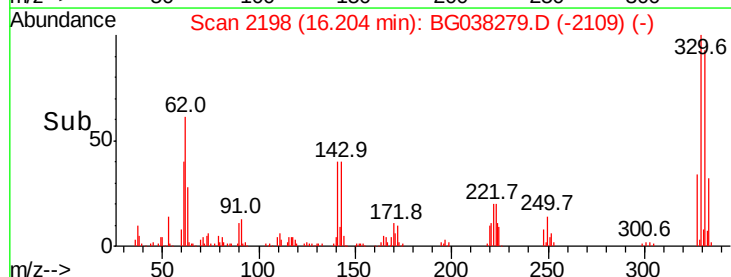
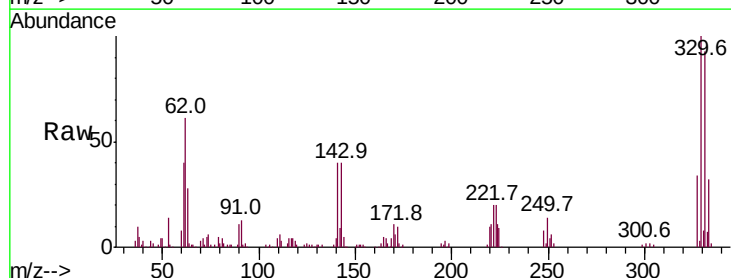
Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-D-B

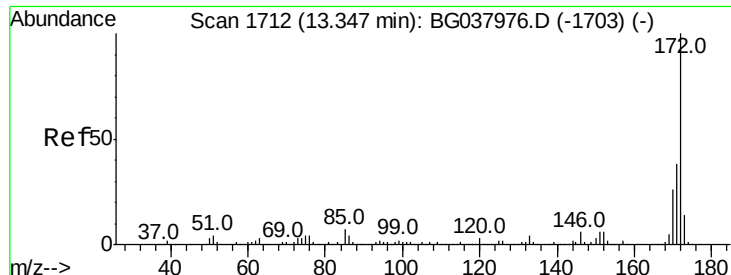
Tot Ion:164 Resp: 115910
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 44.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 73.335 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG038279.D
Acq: 1 Dec 2018 5:50

Tgt Ion:330 Resp: 96944
Ion Ratio Lower Upper
330 100
332 95.6 78.4 117.6
141 41.2 32.2 48.2

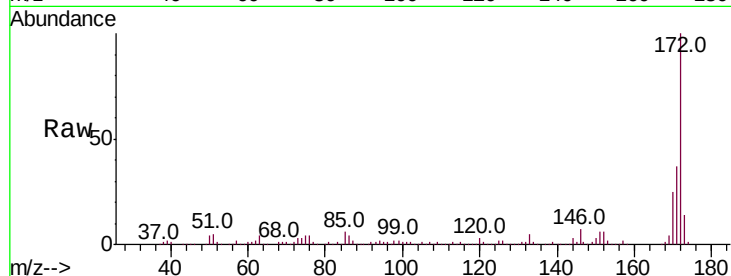




#45
 2-Fluorobiphenyl
 Concen: 95.297 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038279.D
 Acq: 1 Dec 2018 5:50

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-D-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.0	46.4
170	24.7	20.2	30.2

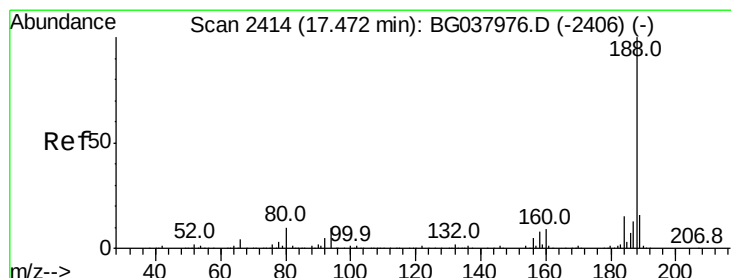
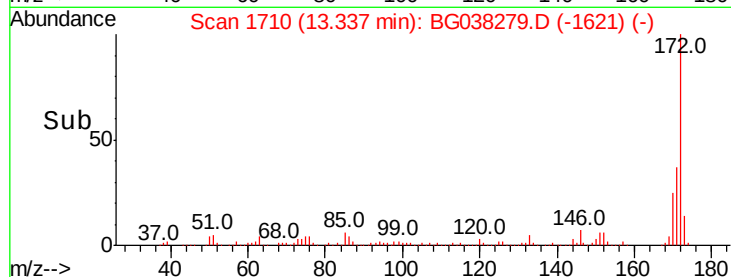
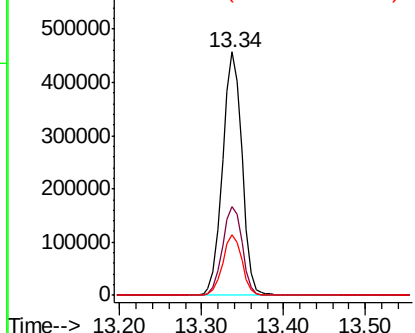


Abundance

Ion 172.00 (171.70 to 172.70): E

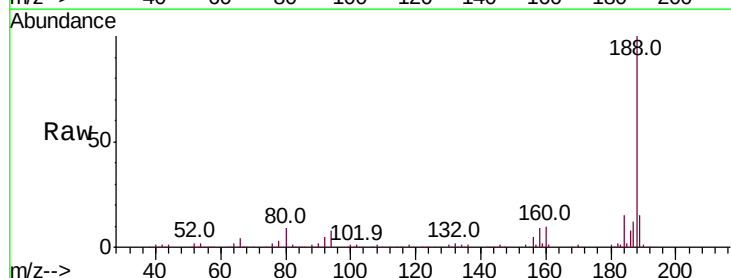
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038279.D
 Acq: 1 Dec 2018 5:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.3	7.7	11.5

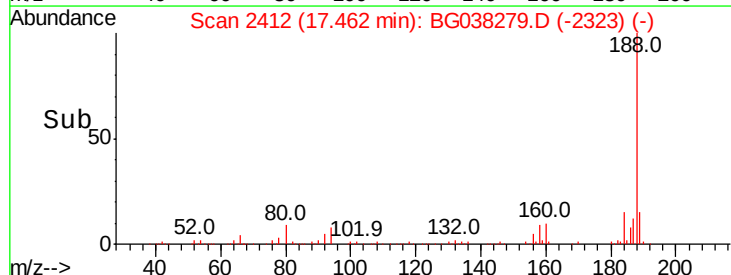
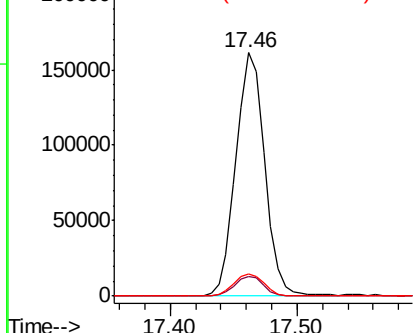


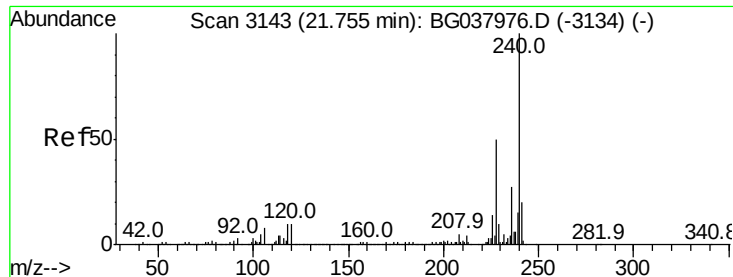
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038279.D

Acq: 1 Dec 2018 5:50

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-D-B

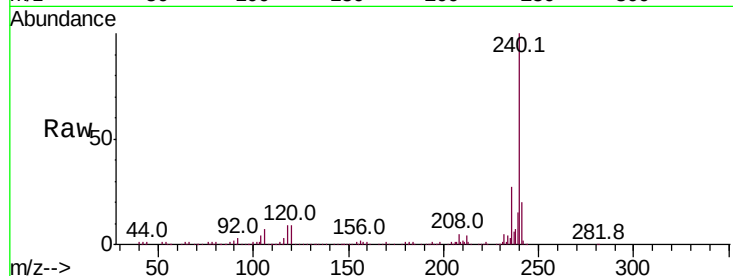
Tot Ion:240 Resp: 241155

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

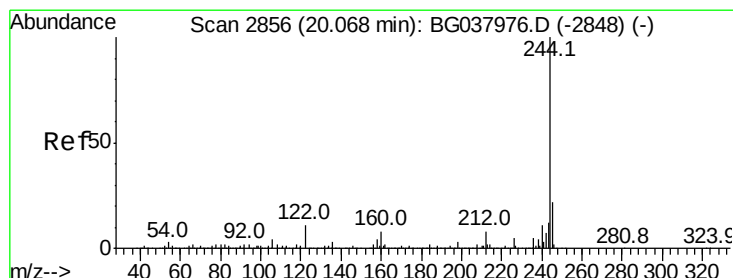
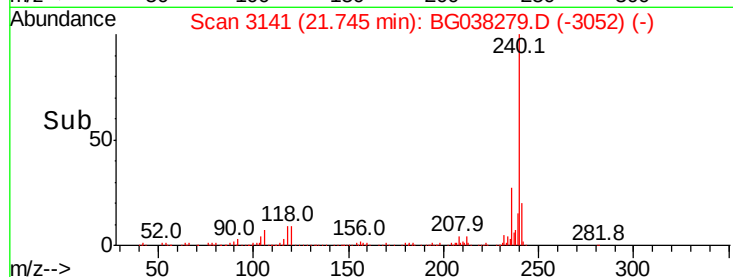
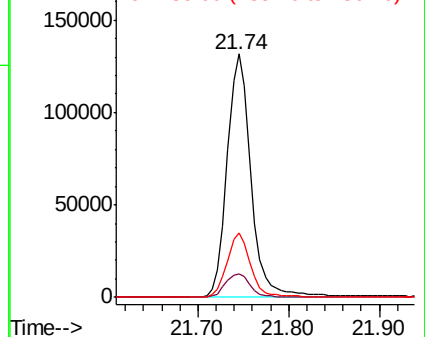
236 26.6 21.4 32.0



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



#79

Terphenyl-d14

Concen: 103.205 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038279.D

Acq: 1 Dec 2018 5:50

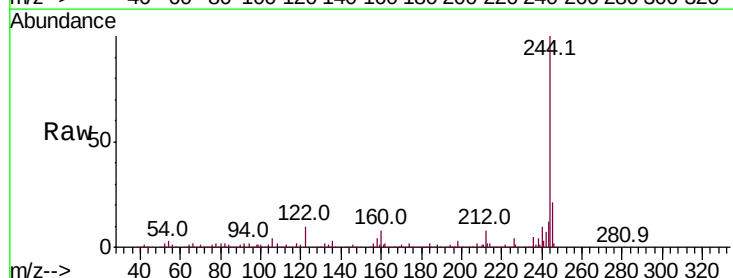
Tgt Ion:244 Resp: 1057730

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

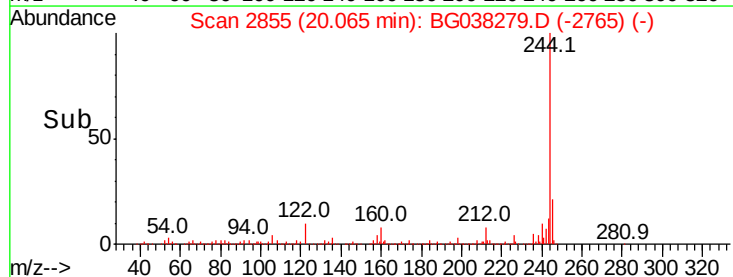
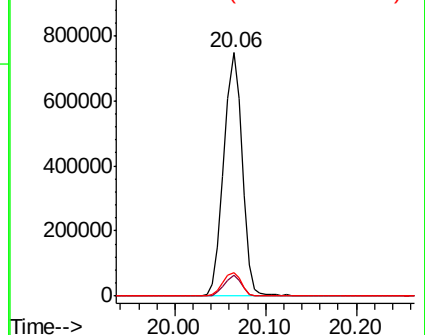
122 9.6 9.0 13.4

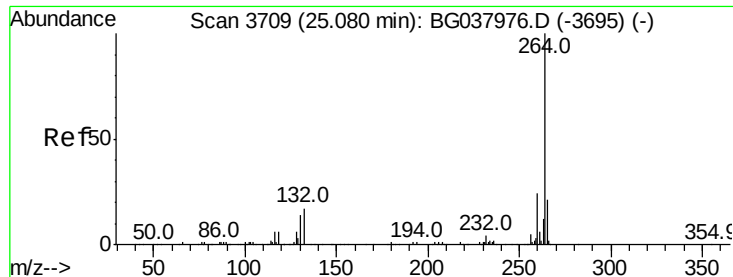


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.02 min
Lab File: BG038279.D
Acq: 1 Dec 2018 5:50

Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.4
265	22.0	17.9	26.9

