

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038977.D
 Acq On : 7 Jan 2019 21:48
 Operator : JU/SJ
 Sample : K1012-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-010419-A

Quant Time: Jan 08 03:27:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	27601	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	107992	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	73439	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	178240	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	172802	20.00	ng	-0.01
87) Perylene-d12	25.00	264	179314	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	177803	114.26	ng	0.00
7) Phenol-d6	7.21	99	223117	104.44	ng	0.00
23) Nitrobenzene-d5	9.23	82	169536	80.20	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	156917	155.04	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	464218	86.72	ng	-0.01
79) Terphenyl-d14	20.03	244	778729	98.08	ng	-0.01

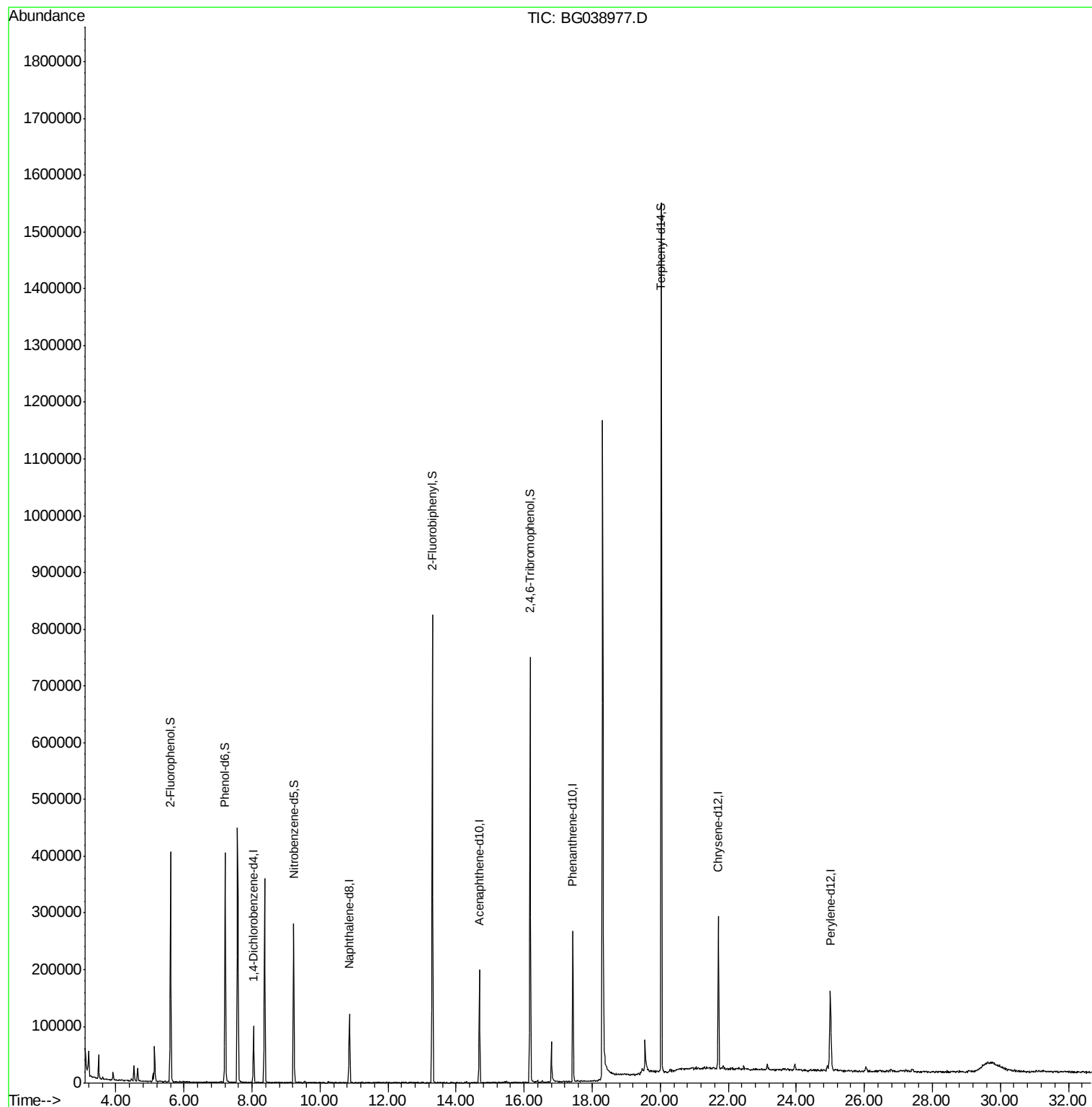
Target Compounds Qvalue

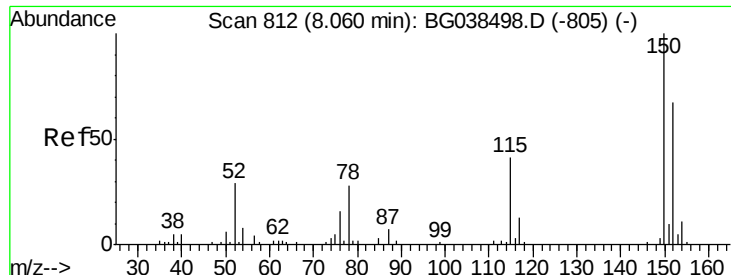
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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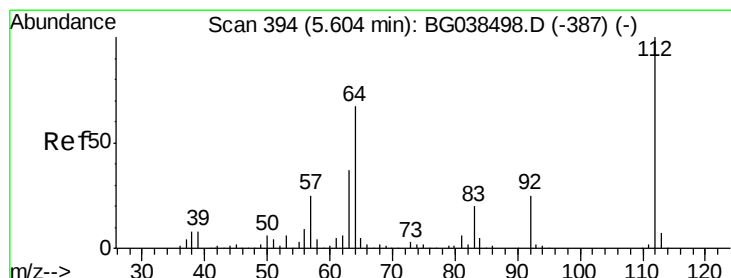
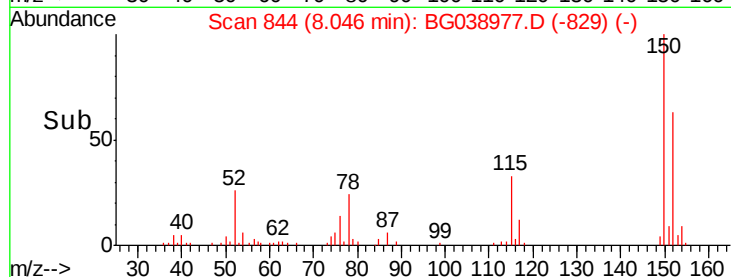
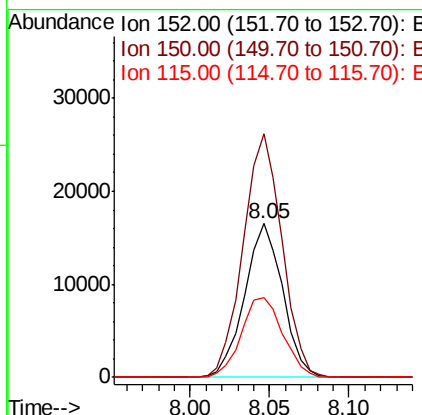
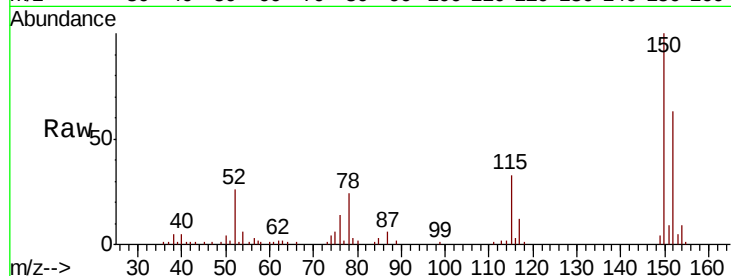


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038977.D
Acq: 7 Jan 2019 21:48

Instrument :
BNA_G
ClientSampleId :
EO-02-010419-A

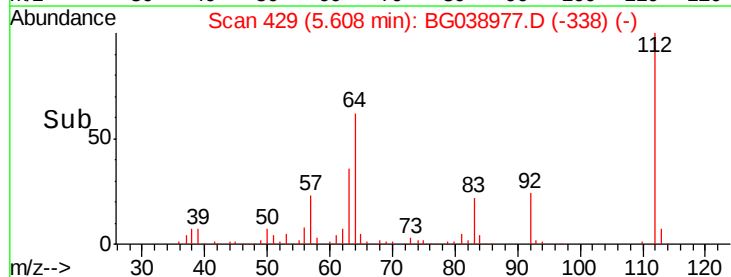
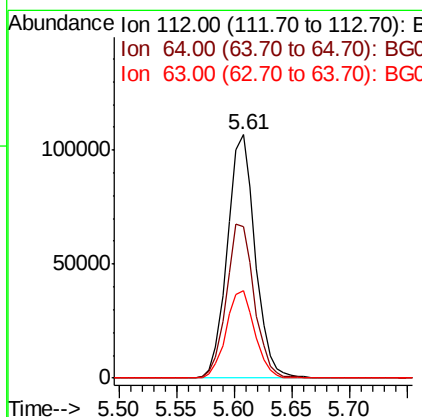
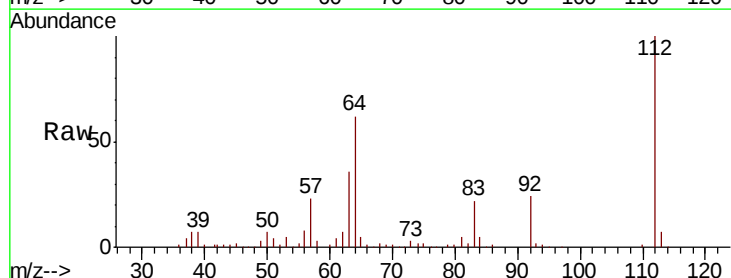
Tot Ion:152 Resp: 27601
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 52.2 49.6 74.4

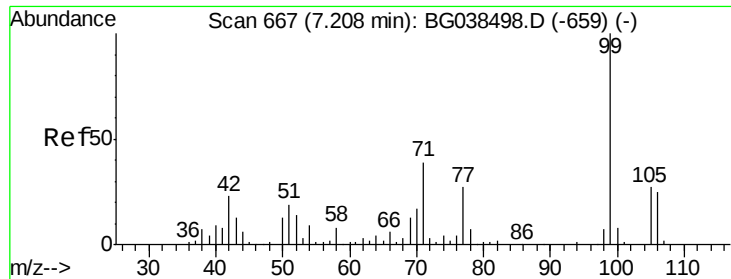


#5

2-Fluorophenol
Concen: 114.257 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038977.D
Acq: 7 Jan 2019 21:48

Tgt Ion:112 Resp: 177803
Ion Ratio Lower Upper
112 100
64 62.4 53.4 80.2
63 36.0 29.3 43.9





#7

Phenol-d6

Concen: 104.440 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038977.D

Acq: 7 Jan 2019 21:48

Instrument :

BNA_G

ClientSampleId :

EO-02-010419-A

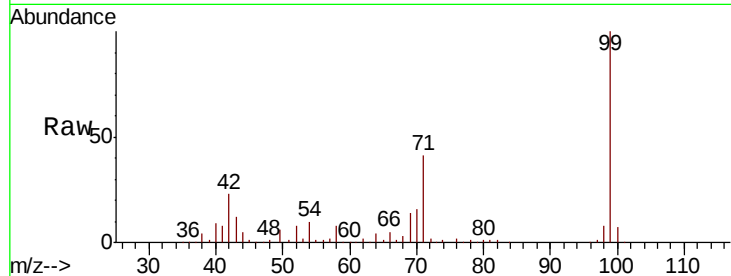
Tot Ion: 99 Resp: 223117

Ion Ratio Lower Upper

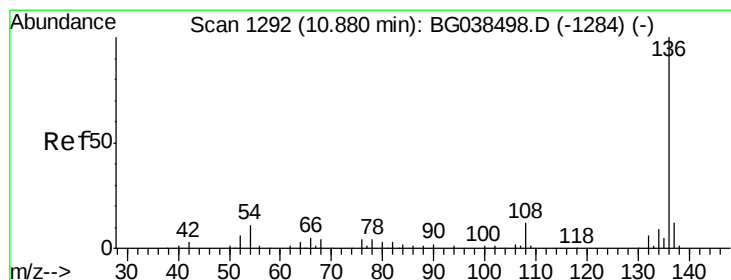
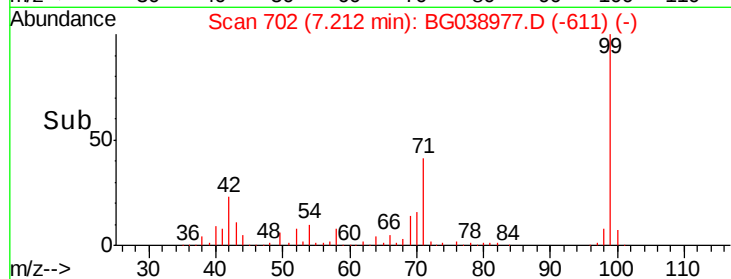
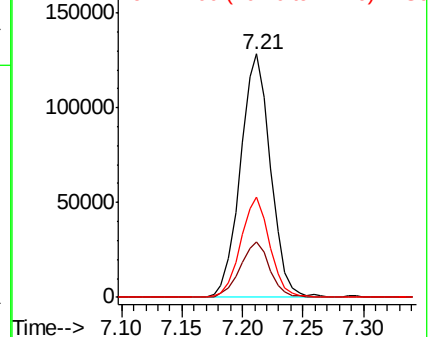
99 100

42 22.6 18.5 27.7

71 41.0 31.1 46.7



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038977.D

Acq: 7 Jan 2019 21:48

Tgt Ion: 136 Resp: 107992

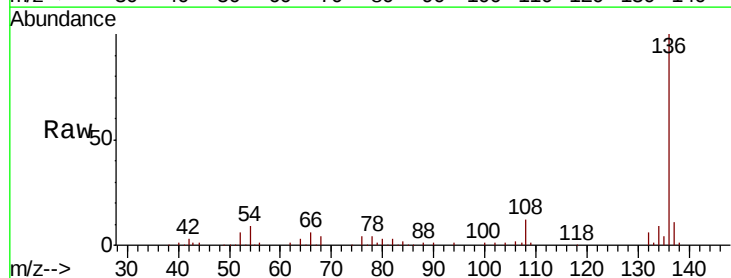
Ion Ratio Lower Upper

136 100

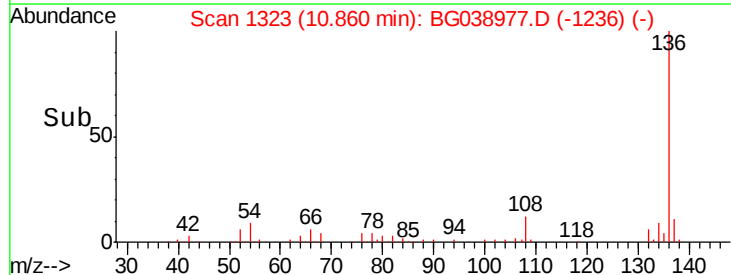
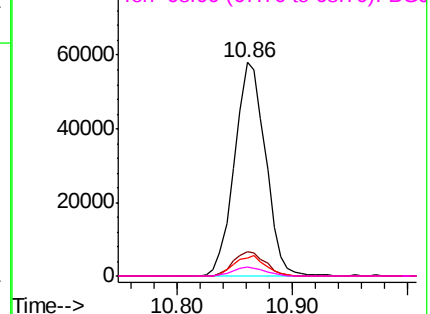
137 11.4 9.3 13.9

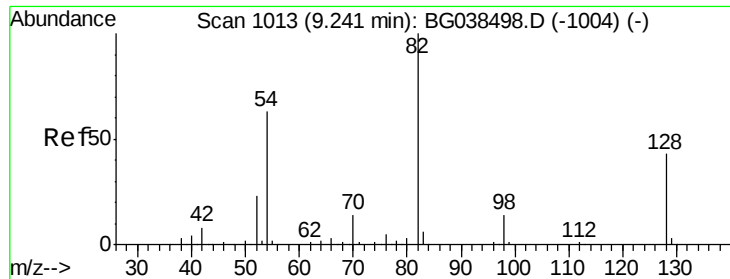
54 8.7 8.5 12.7

68 4.0 3.5 5.3



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: 80.201 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG038977.D

Acq: 7 Jan 2019 21:48

Instrument :

BNA_G

ClientSampleId :

EO-02-010419-A

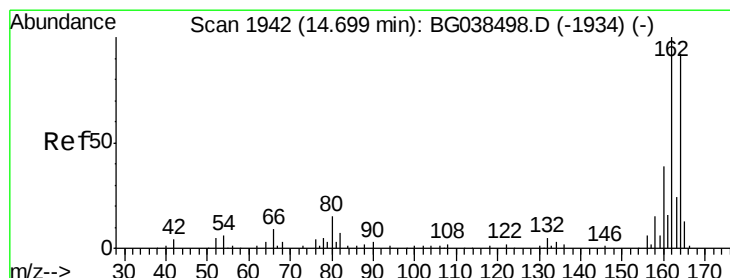
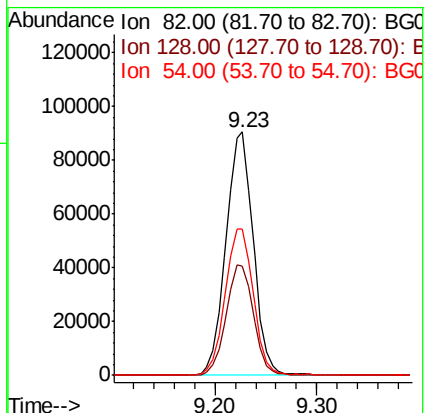
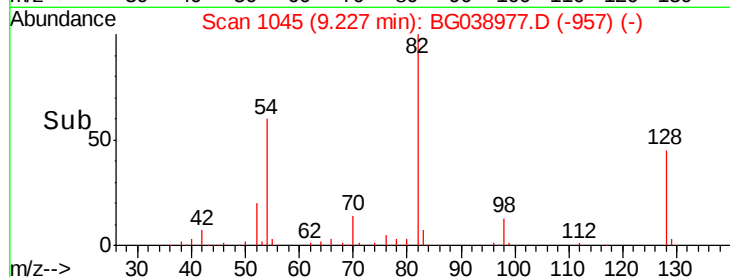
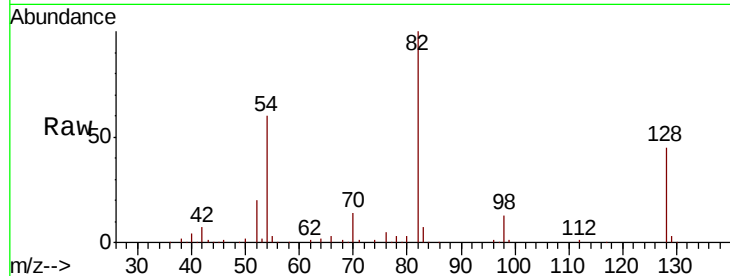
Tot Ion: 82 Resp: 169536

Ion Ratio Lower Upper

82 100

128 45.1 34.6 52.0

54 60.0 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038977.D

Acq: 7 Jan 2019 21:48

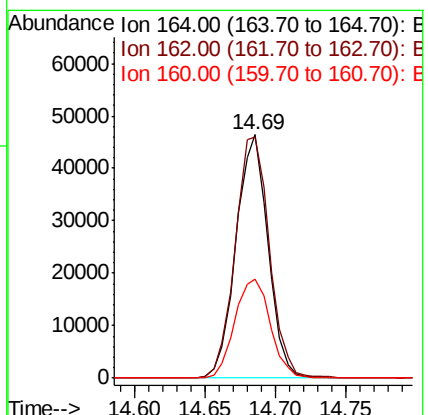
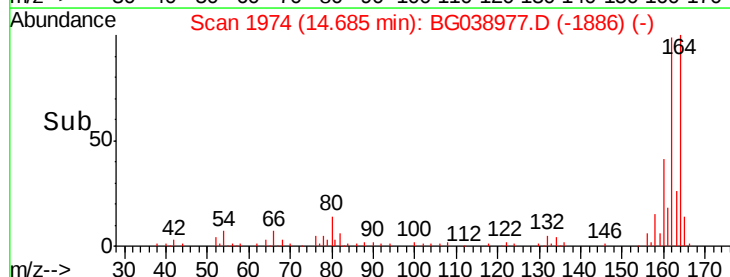
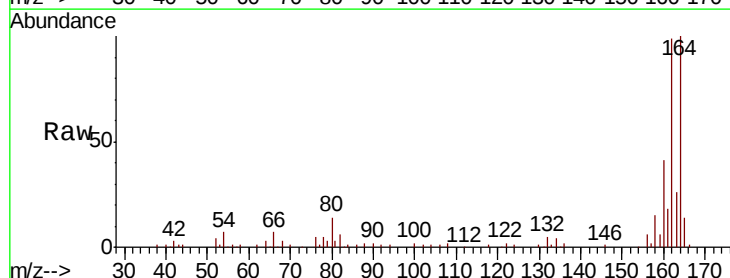
Tgt Ion: 164 Resp: 73439

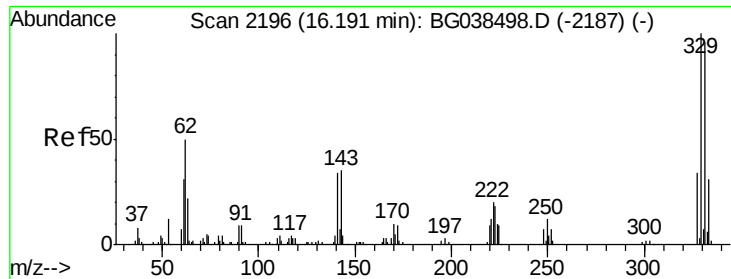
Ion Ratio Lower Upper

164 100

162 98.8 86.6 130.0

160 40.8 34.2 51.2

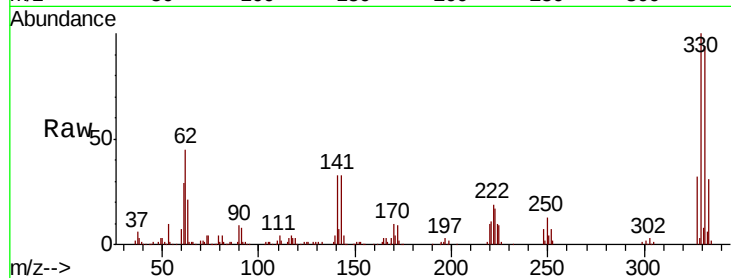




#42
 2,4,6-Tribromophenol
 Concen: 155.038 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038977.D
 Acq: 7 Jan 2019 21:48

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-010419-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	32.4	28.8	43.2

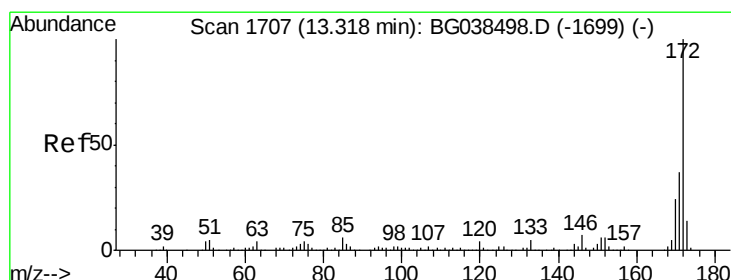
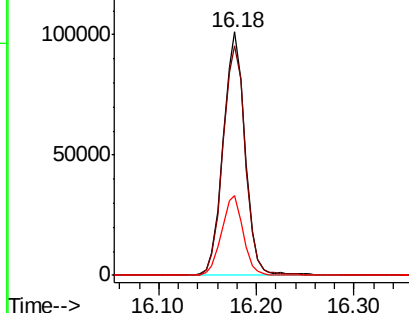
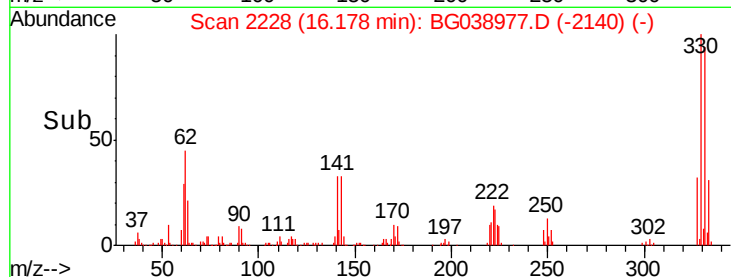


Abundance

Ion 329.80 (329.50 to 330.50): E

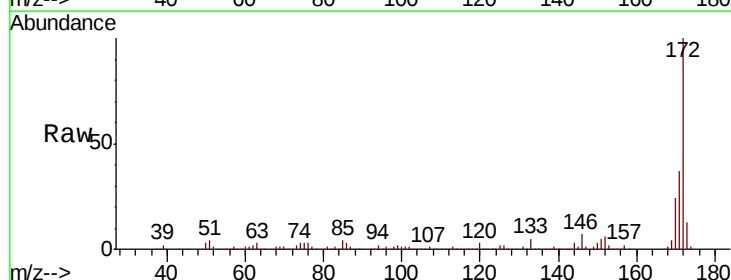
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.716 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038977.D
 Acq: 7 Jan 2019 21:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.1	19.5	29.3

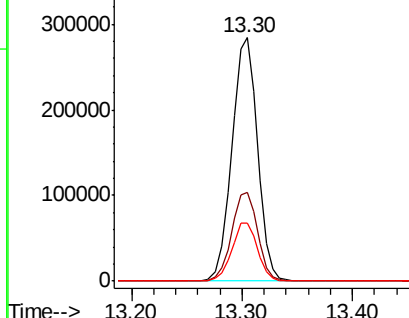
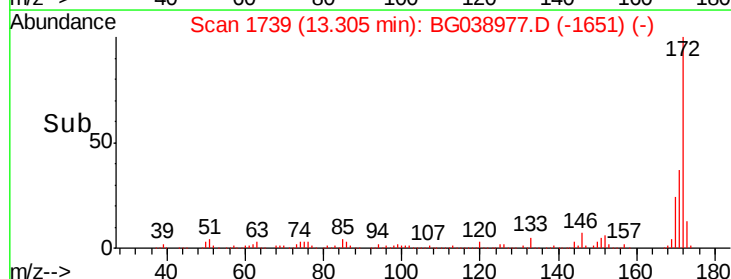


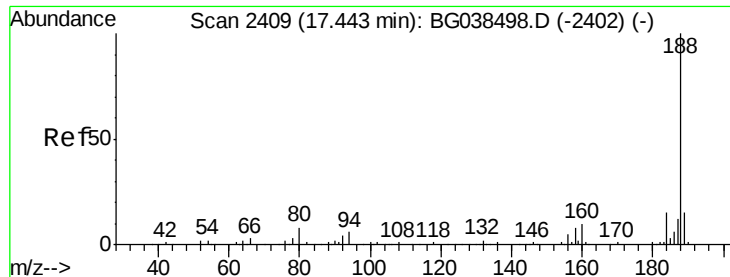
Abundance

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

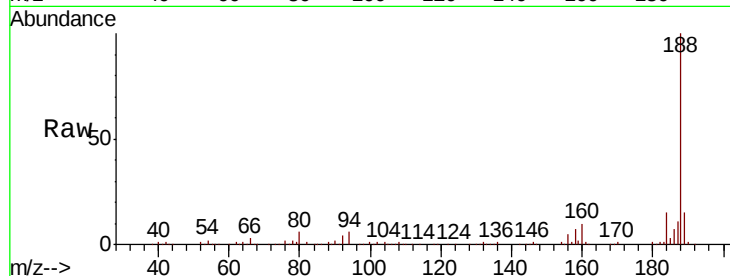




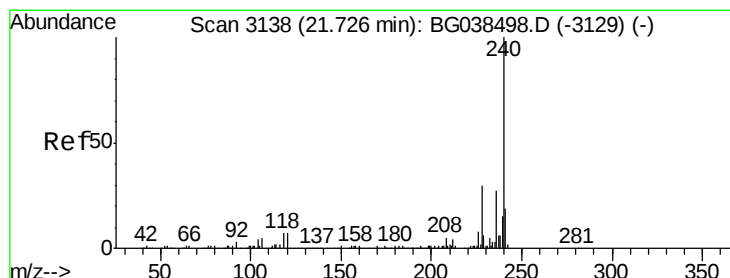
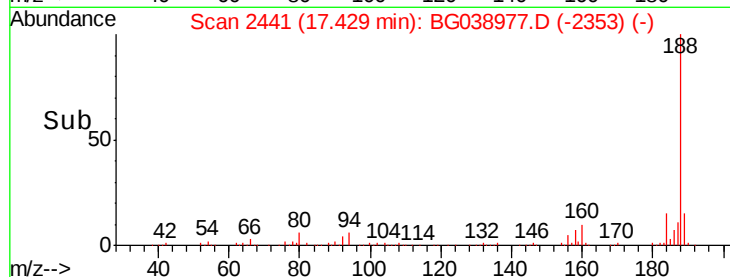
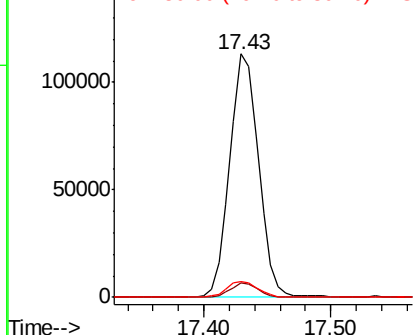
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038977.D
Acq: 7 Jan 2019 21:48

Instrument :
BNA_G
ClientSampleId :
EO-02-010419-A

Tot Ion:188 Resp: 178240
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 6.3 6.1 9.1

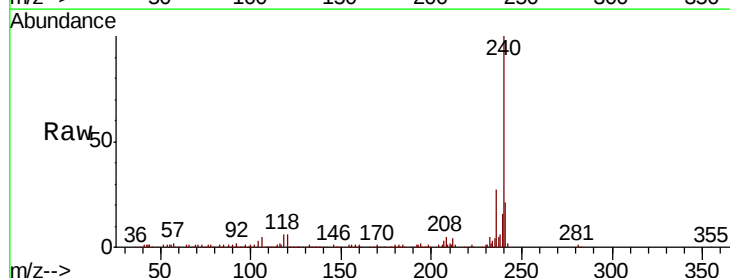


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

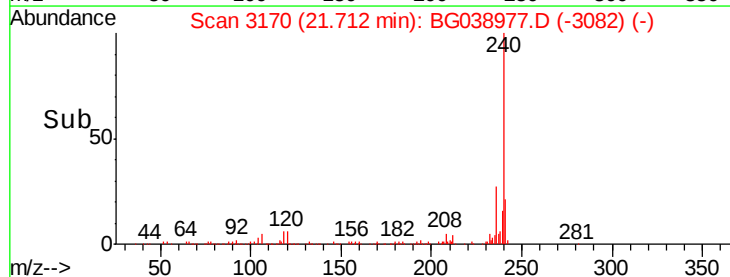
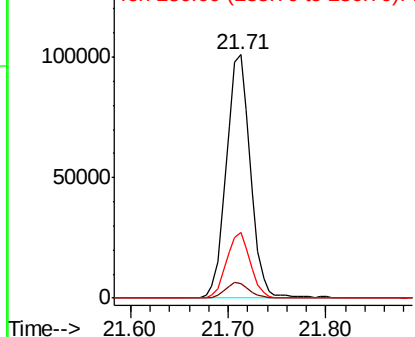


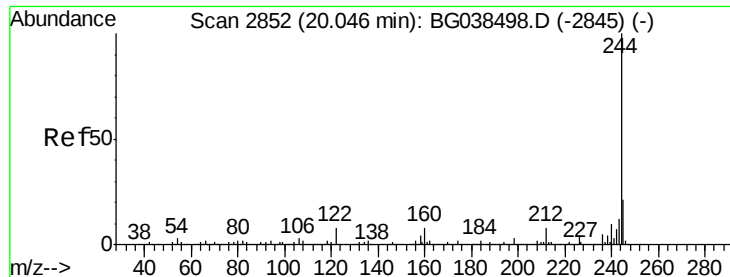
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038977.D
Acq: 7 Jan 2019 21:48

Tgt Ion:240 Resp: 172802
Ion Ratio Lower Upper
240 100
120 5.8 5.3 7.9
236 26.7 21.4 32.2



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: 98.076 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038977.D

Acq: 7 Jan 2019 21:48

Instrument :

BNA_G

ClientSampleId :

EO-02-010419-A

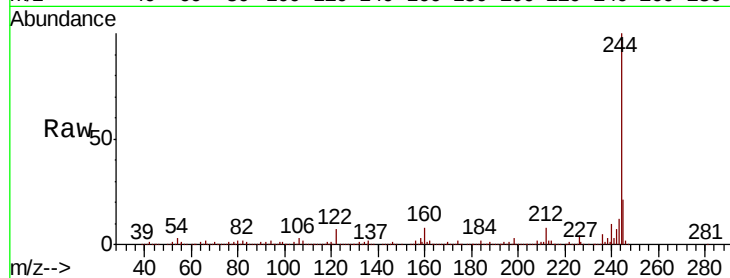
Tot Ion:244 Resp: 778729

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

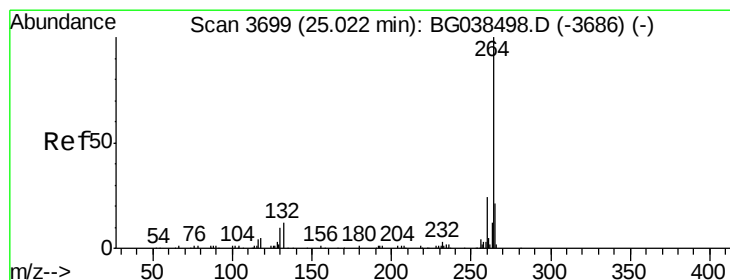
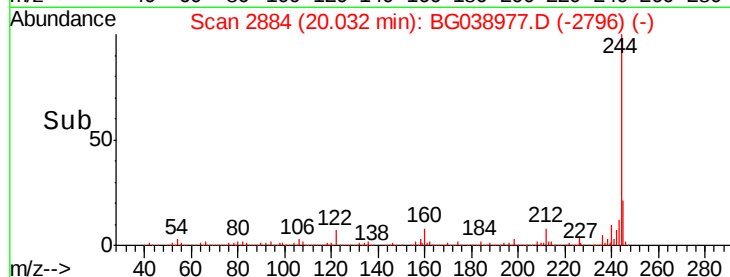
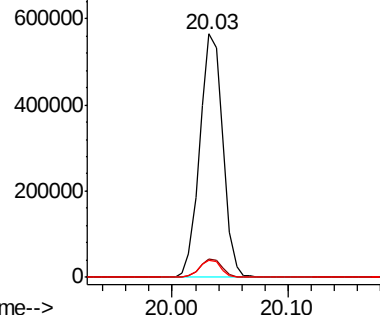
122 7.0 6.3 9.5



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: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038977.D

Acq: 7 Jan 2019 21:48

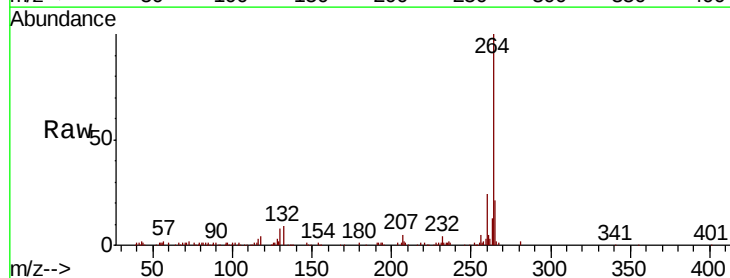
Tgt Ion:264 Resp: 179314

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 17.0 25.4



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

