

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038955.D
 Acq On : 5 Jan 2019 8:53
 Operator : JU/SJ
 Sample : K1036-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 13-H

Quant Time: Jan 06 23:07:00 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	8.04	152	26949	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	110227	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	75971	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	172661	20.00	ng	-0.01
76) Chrysene-d12	21.72	240	164808	20.00	ng	-0.01
87) Perylene-d12	25.01	264	179390	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	100224	65.96	ng	0.00
7) Phenol-d6	7.21	99	142900	68.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	91800	42.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	76610	73.17	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	262053	47.32	ng	-0.02
79) Terphenyl-d14	20.04	244	426262	56.29	ng	0.00

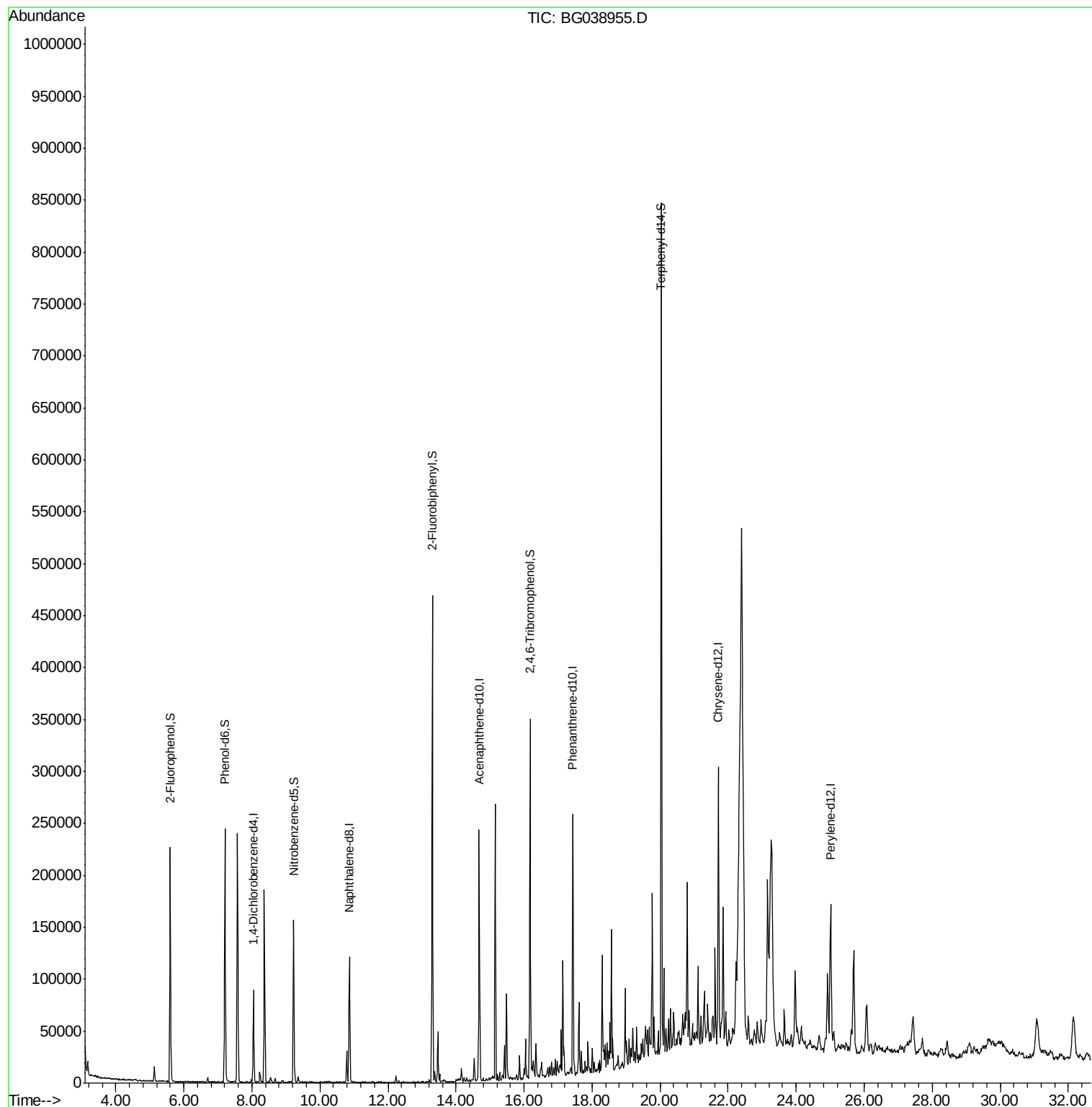
Target Compounds Qvalue

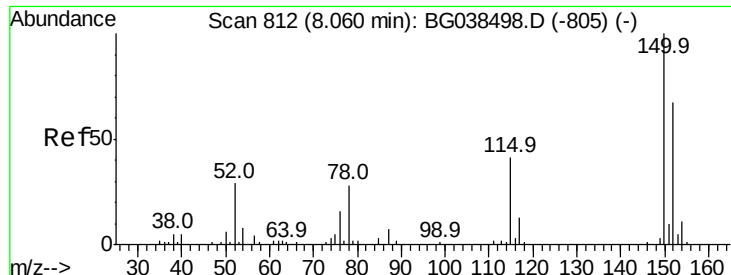
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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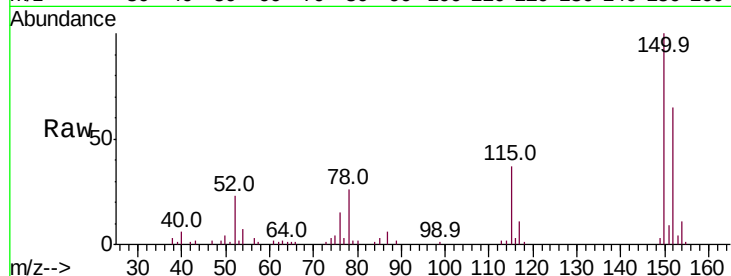


#1

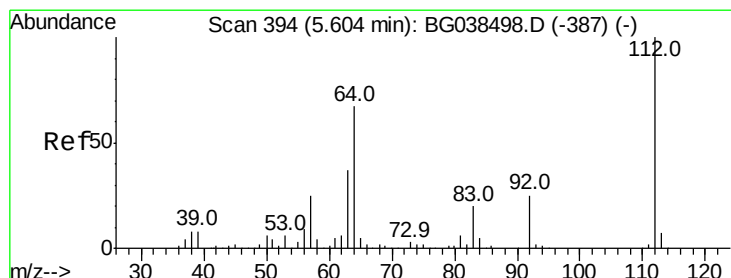
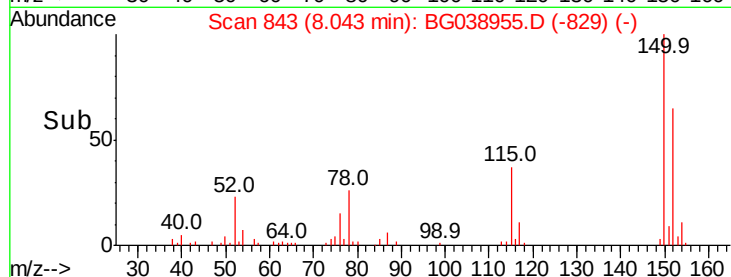
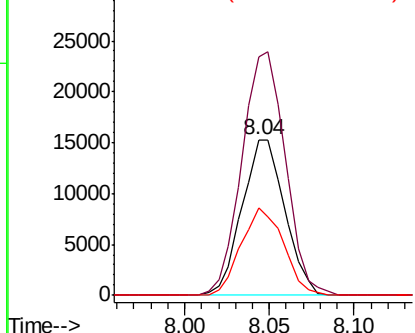
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038955.D
Acq: 5 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :
13-H

Tot Ion:152 Resp: 26949
Ion Ratio Lower Upper
152 100
150 152.9 119.5 179.3
115 56.1 49.6 74.4



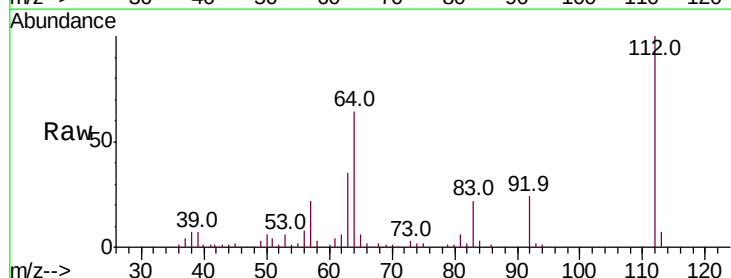
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



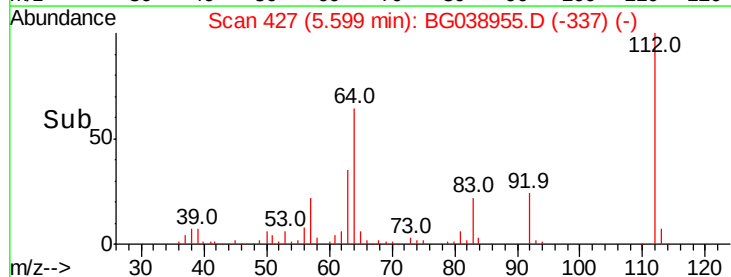
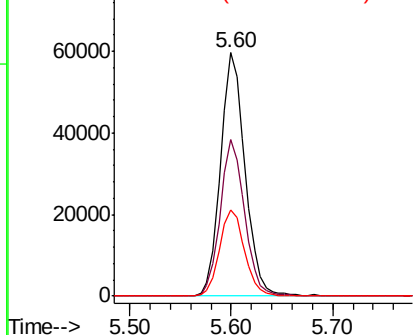
#5

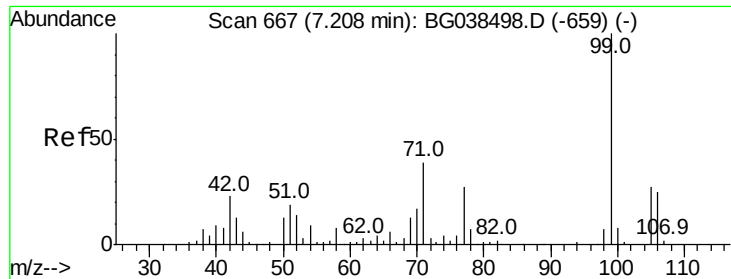
2-Fluorophenol
Concen: 65.963 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038955.D
Acq: 5 Jan 2019 8:53

Tgt Ion:112 Resp: 100224
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 35.4 29.3 43.9



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: 68.509 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038955.D

Acq: 5 Jan 2019 8:53

Instrument :

BNA_G

ClientSampled :

13-H

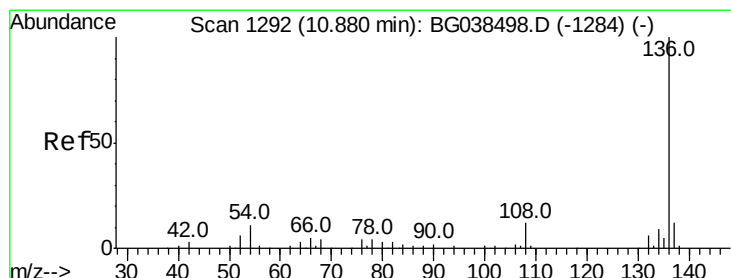
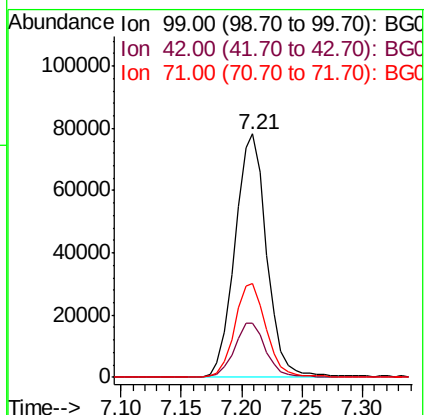
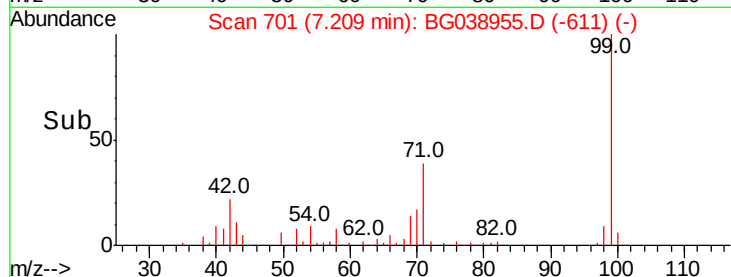
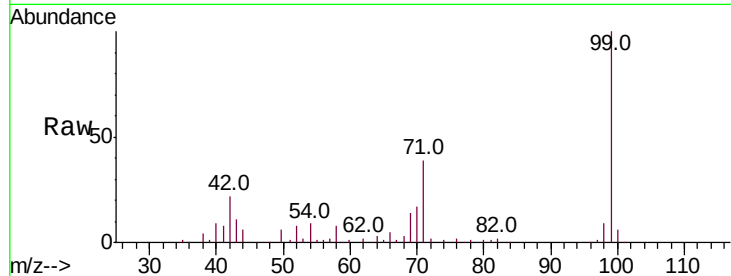
Tot Ion: 99 Resp: 142900

Ion Ratio Lower Upper

99 100

42 22.4 18.5 27.7

71 38.6 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038955.D

Acq: 5 Jan 2019 8:53

Tgt Ion: 136 Resp: 110227

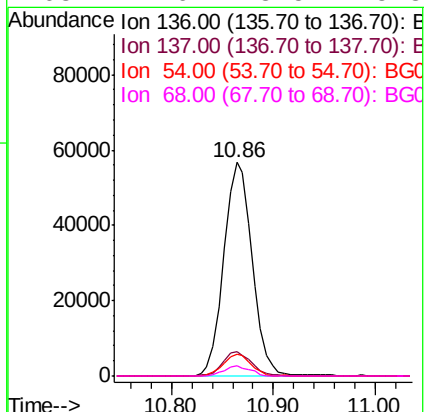
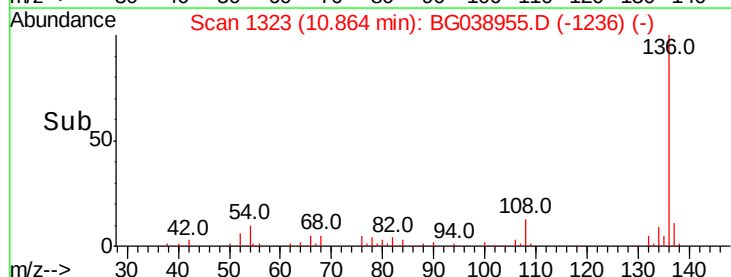
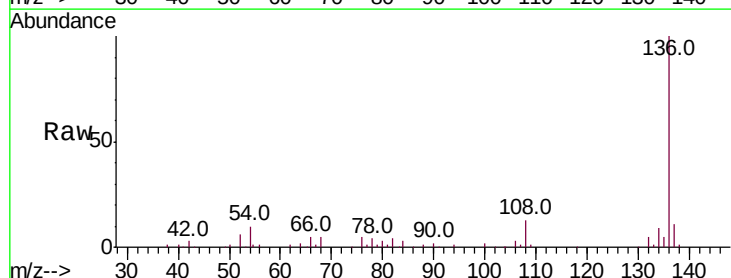
Ion Ratio Lower Upper

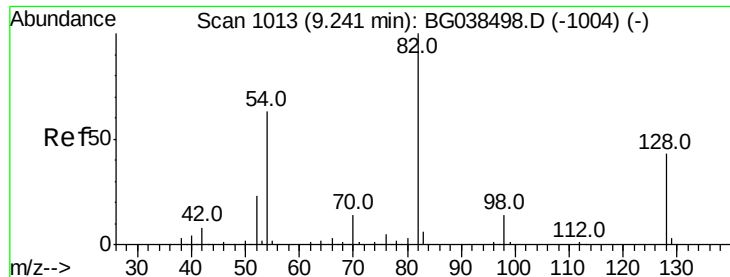
136 100

137 11.2 9.3 13.9

54 10.8 8.5 12.7

68 4.6 3.5 5.3

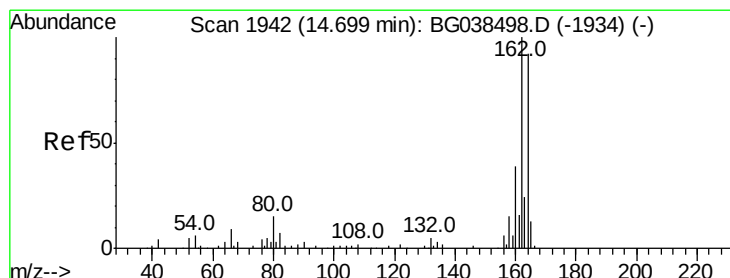
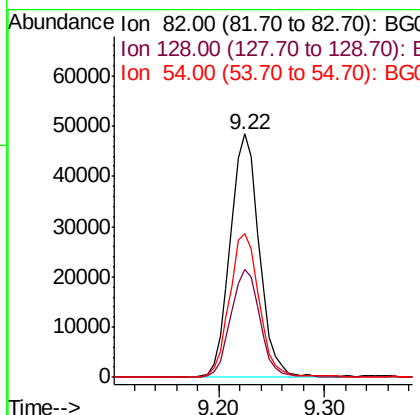
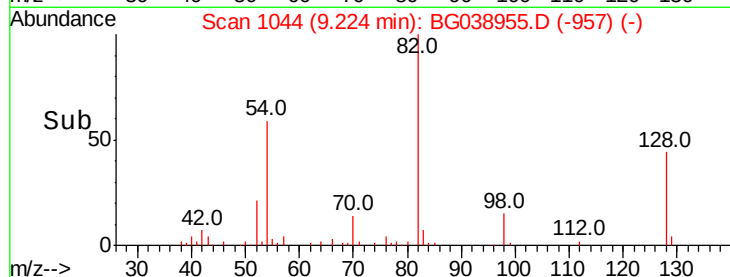
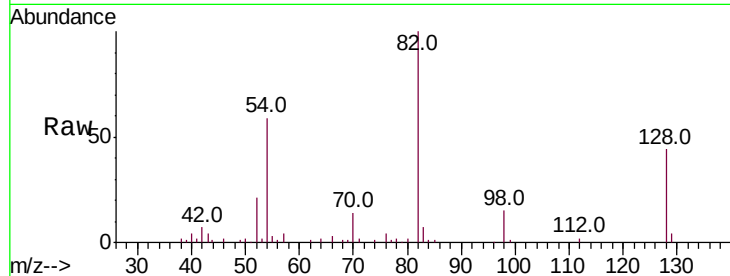




#23
 Nitrobenzene-d5
 Concen: 42.547 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038955.D
 Acq: 5 Jan 2019 8:53

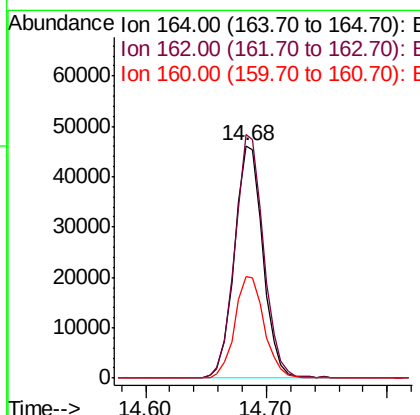
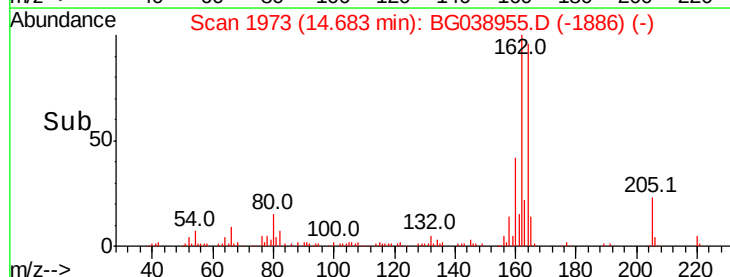
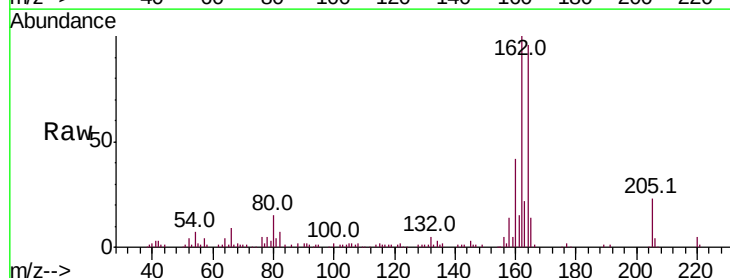
Instrument :
 BNA_G
 ClientSampleID :
 13-H

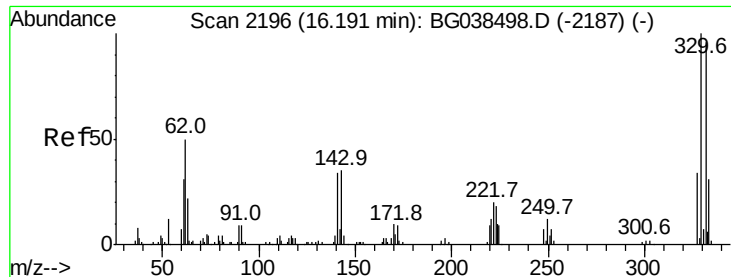
Tot Ion: 82 Resp: 91800
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 52.0
 54 59.0 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG038955.D
 Acq: 5 Jan 2019 8:53

Tgt Ion:164 Resp: 75971
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.6 130.0
 160 43.4 34.2 51.2

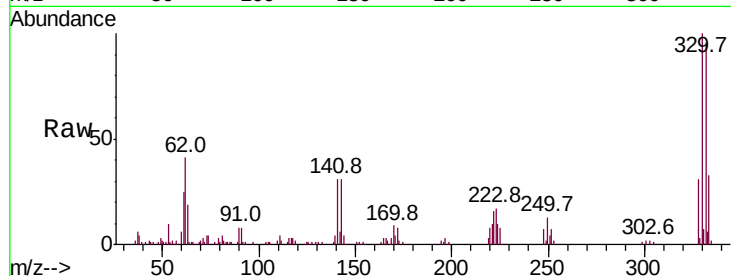




#42
 2,4,6-Tribromophenol
 Concen: 73.170 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038955.D
 Acq: 5 Jan 2019 8:53

Instrument :
 BNA_G
 ClientSampleId :
 13-H

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	33.3	28.8	43.2

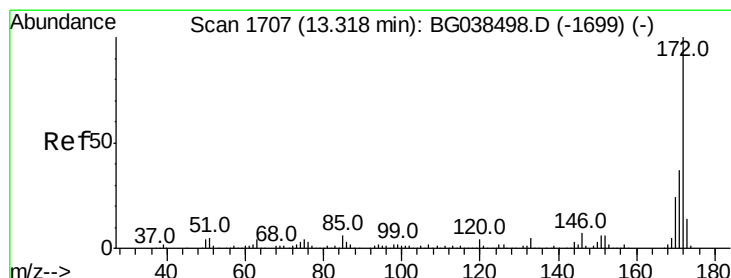
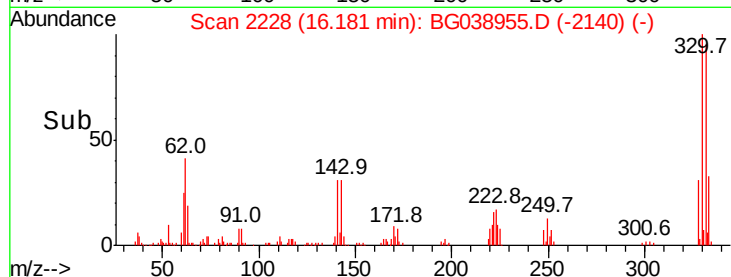
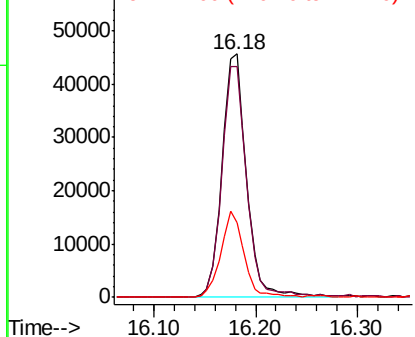


Abundance

Ion 329.80 (329.50 to 330.50): E

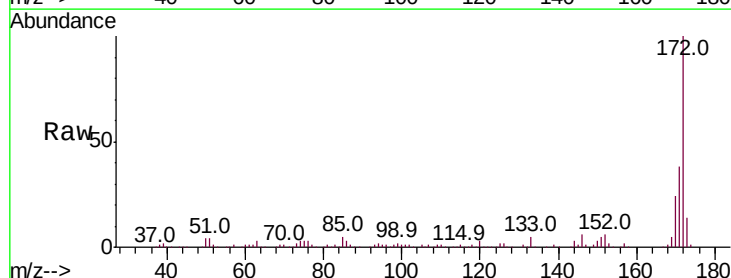
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 47.320 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038955.D
 Acq: 5 Jan 2019 8:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	24.3	19.5	29.3

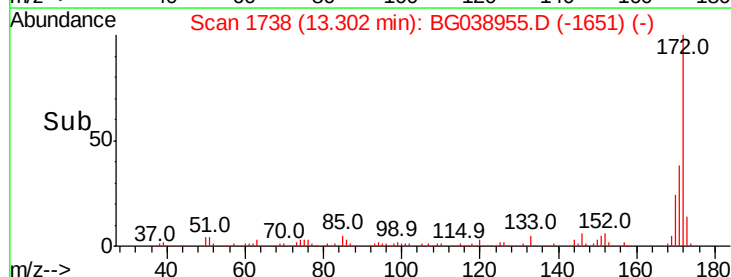
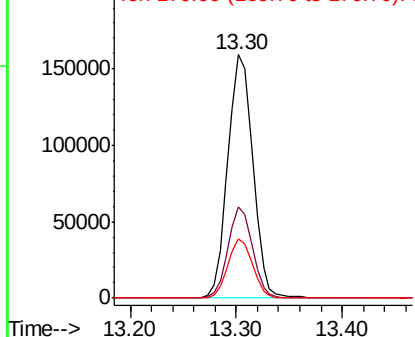


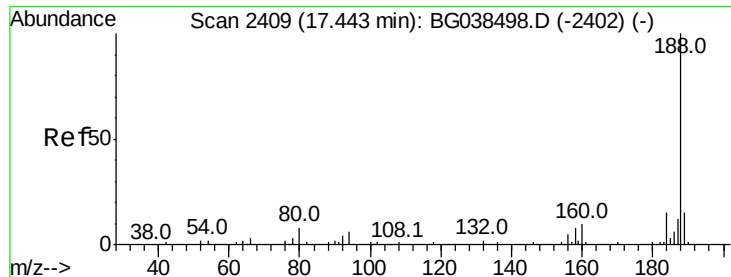
Abundance

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

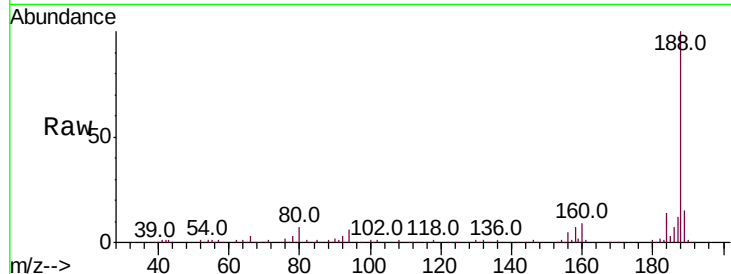




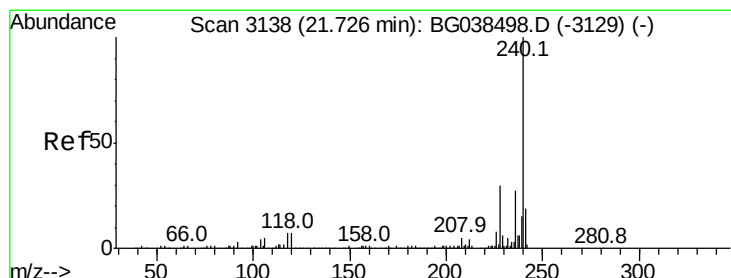
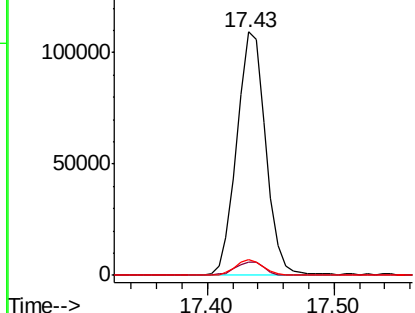
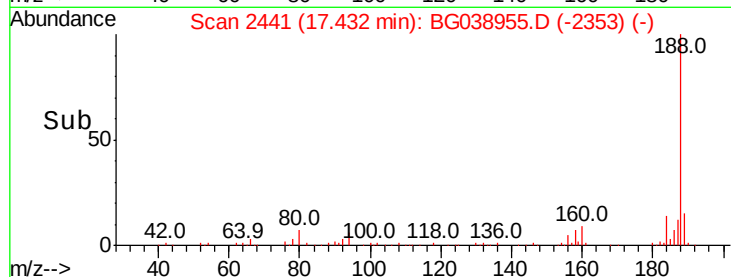
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038955.D
Acq: 5 Jan 2019 8:53

Instrument :
BNA_G
ClientSampled :
13-H

Tot Ion:188 Resp: 172661
Ion Ratio Lower Upper
188 100
94 5.6 5.1 7.7
80 6.6 6.1 9.1

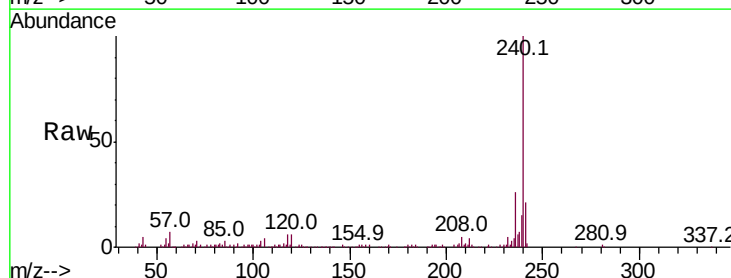


Abundance Ion 188.00 (187.70 to 188.70): E
150000
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

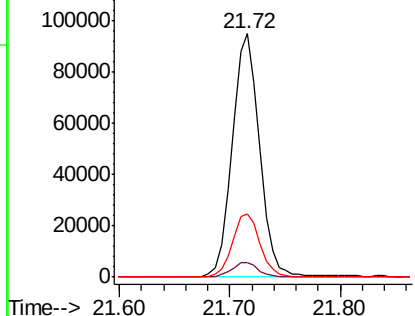
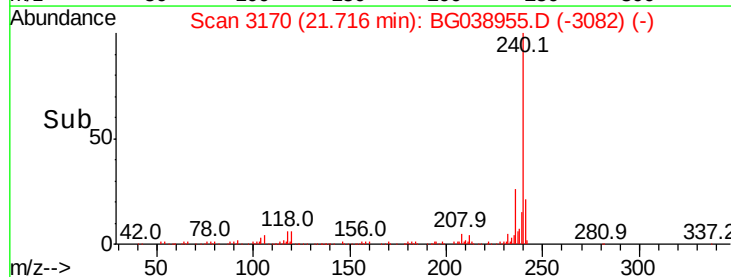


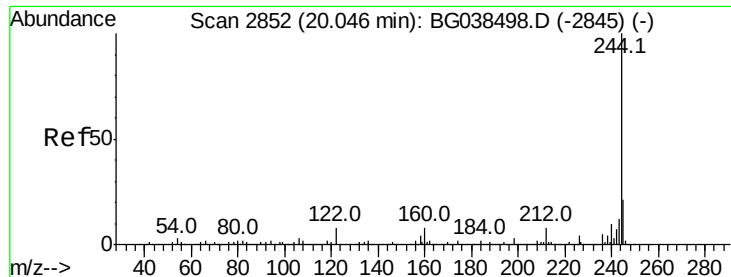
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038955.D
Acq: 5 Jan 2019 8:53

Tgt Ion:240 Resp: 164808
Ion Ratio Lower Upper
240 100
120 6.0 5.3 7.9
236 26.0 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
120000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.289 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038955.D

Acq: 5 Jan 2019 8:53

Instrument :

BNA_G

ClientSampleId :

13-H

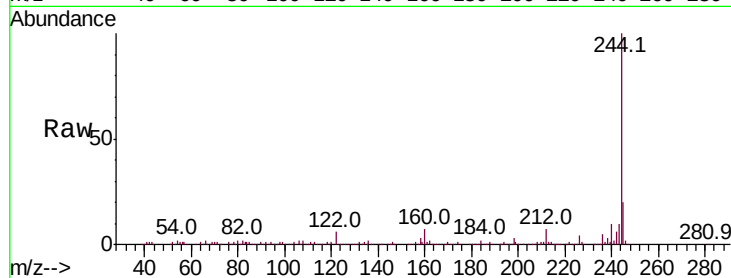
Tot Ion:244 Resp: 426262

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

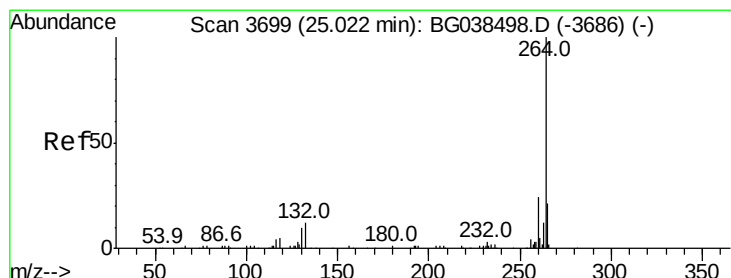
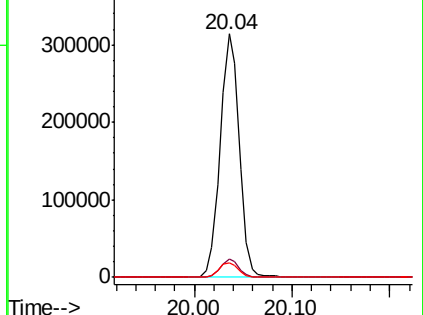
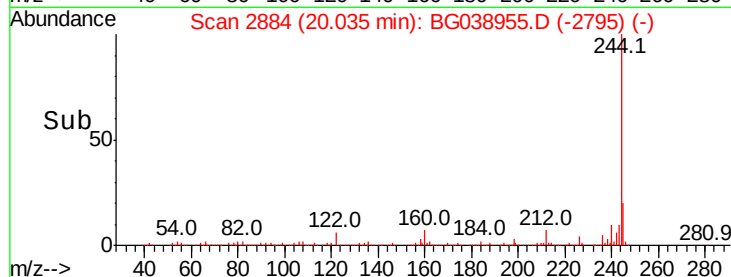
122 6.0 6.3 9.5#



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038955.D

Acq: 5 Jan 2019 8:53

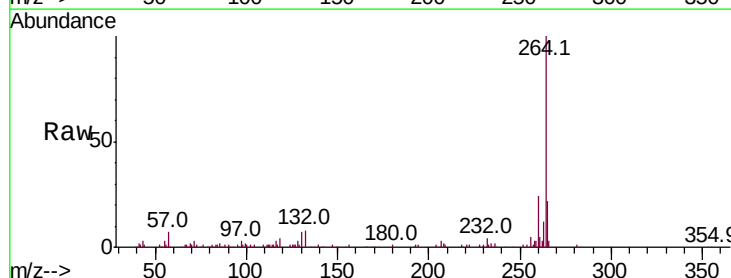
Tgt Ion:264 Resp: 179390

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.1 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

