

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043605.D
 Acq On : 12 Nov 2019 6:06
 Operator : JU
 Sample : PB124694BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124694BL

Quant Time: Nov 12 08:22:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32270	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	115602	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	84671	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	200169	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	210199	20.00	ng	-0.01
87) Perylene-d12	24.82	264	246053	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	162525	92.29	ng	0.00
7) Phenol-d6	7.19	99	225646	89.06	ng	0.00
23) Nitrobenzene-d5	9.16	82	192199	85.71	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	128929	80.02	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	545624	89.04	ng	-0.01
79) Terphenyl-d14	19.99	244	1005659	89.76	ng	-0.01

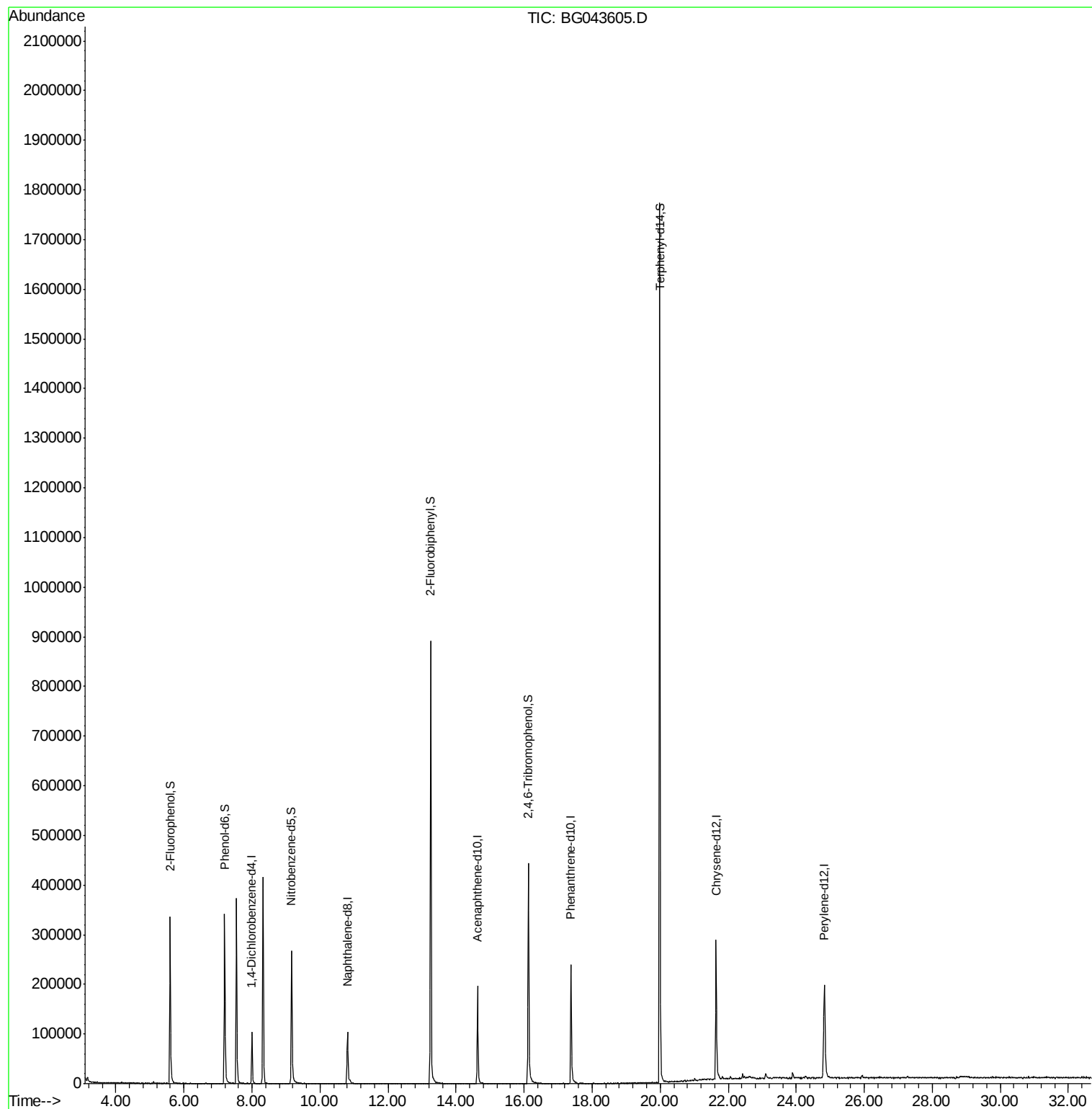
Target Compounds Qvalue

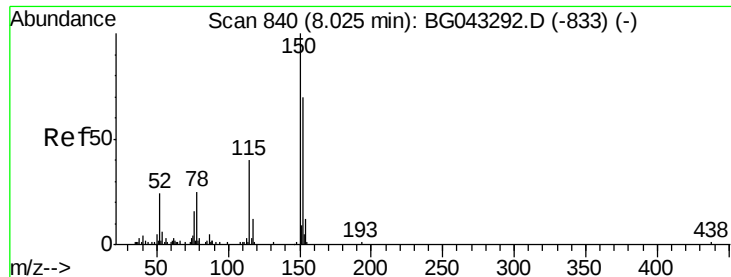
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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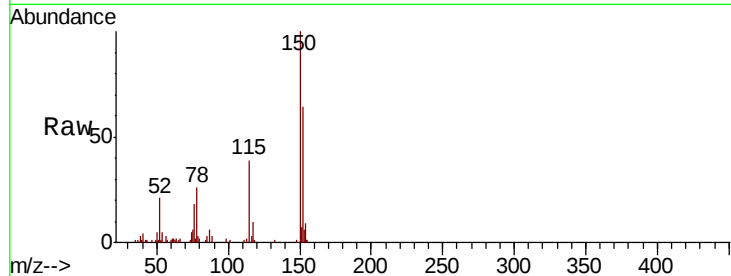


#1

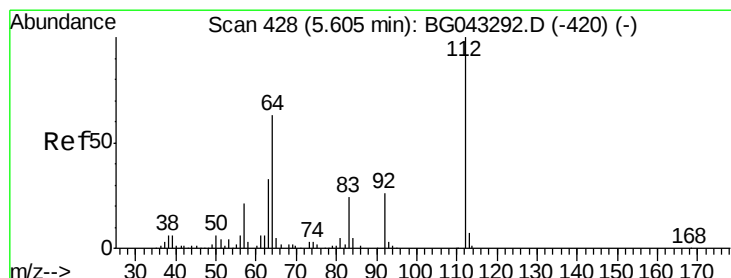
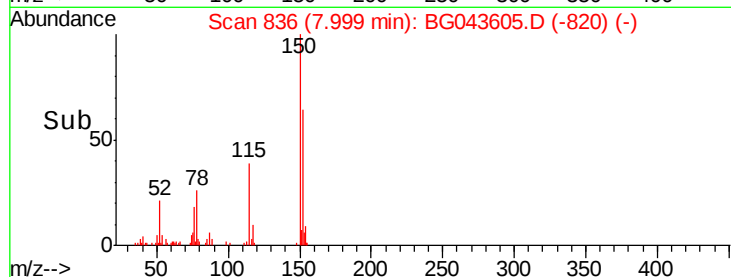
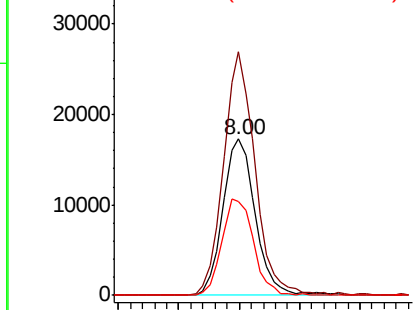
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043605.D
Acq: 12 Nov 2019 6:06

Instrument :
BNA_G
ClientSampleId :
PB124694BL

Tot Ion:152 Resp: 32270
Ion Ratio Lower Upper
152 100
150 156.1 129.4 194.0
115 60.1 48.8 73.2



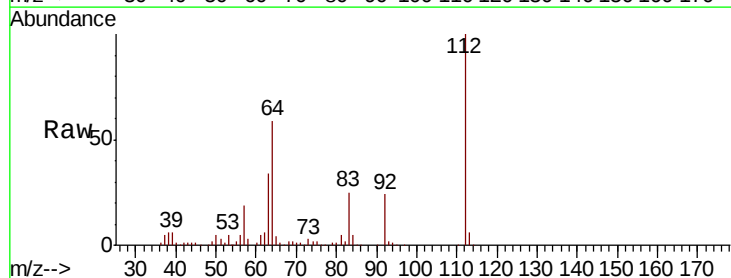
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



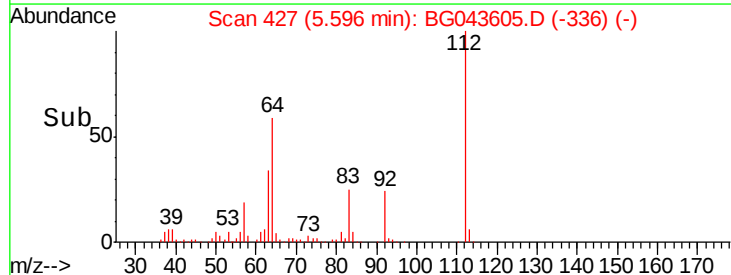
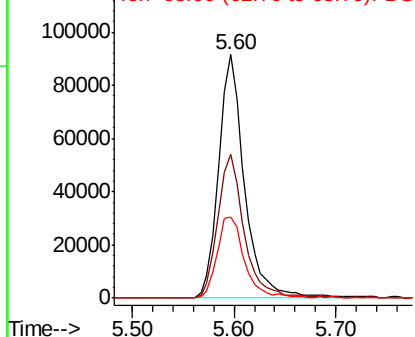
#5

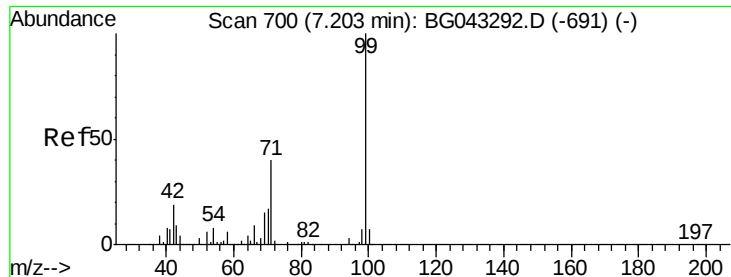
2-Fluorophenol
Concen: 92.290 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043605.D
Acq: 12 Nov 2019 6:06

Tgt Ion:112 Resp: 162525
Ion Ratio Lower Upper
112 100
64 58.9 50.0 75.0
63 33.6 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.057 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043605.D

Acq: 12 Nov 2019 6:06

Instrument :

BNA_G

ClientSampled :

PB124694BL

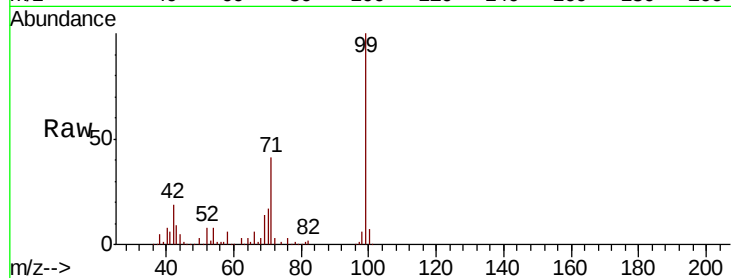
Tot Ion: 99 Resp: 225646

Ion Ratio Lower Upper

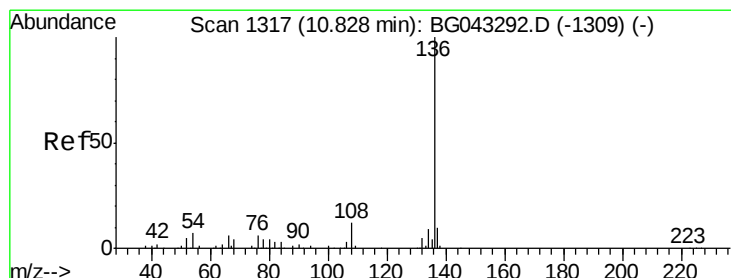
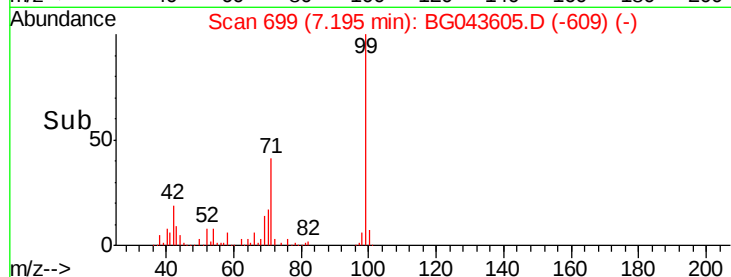
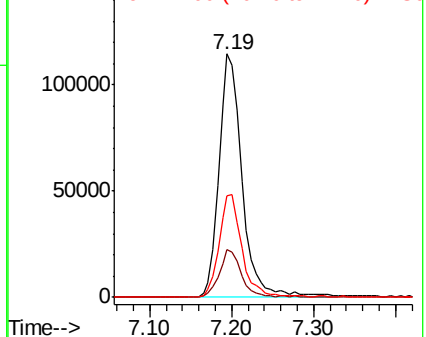
99 100

42 19.5 14.6 21.8

71 41.5 32.5 48.7



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: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043605.D

Acq: 12 Nov 2019 6:06

Tgt Ion: 136 Resp: 115602

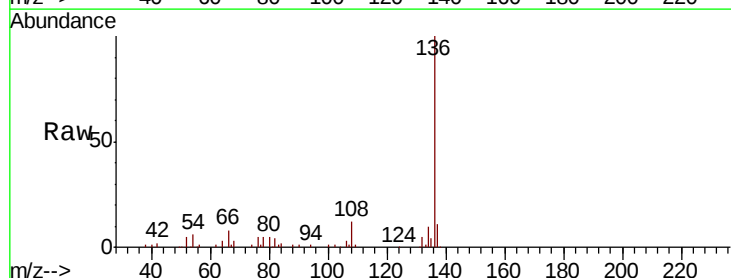
Ion Ratio Lower Upper

136 100

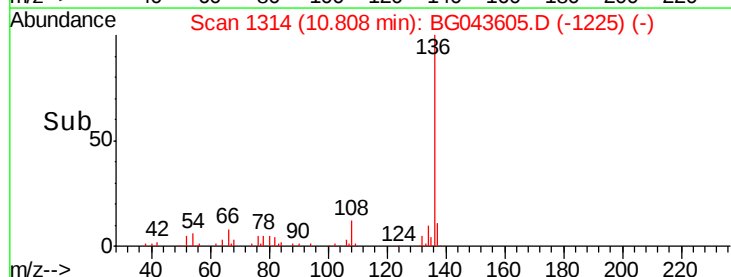
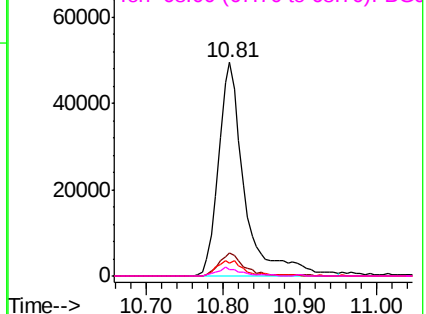
137 10.8 8.7 13.1

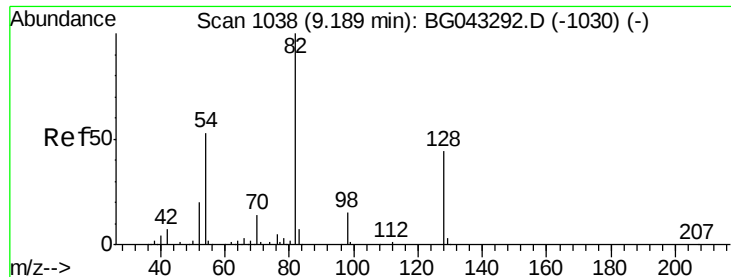
54 5.8 5.4 8.2

68 3.3 3.0 4.4



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

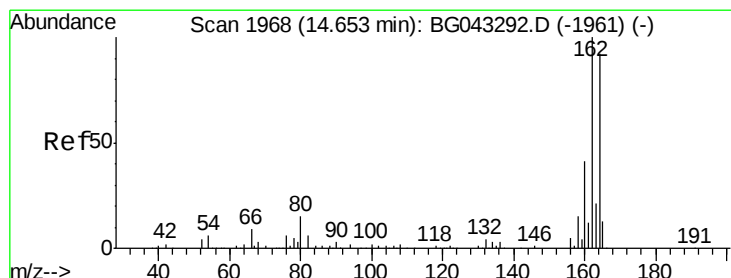
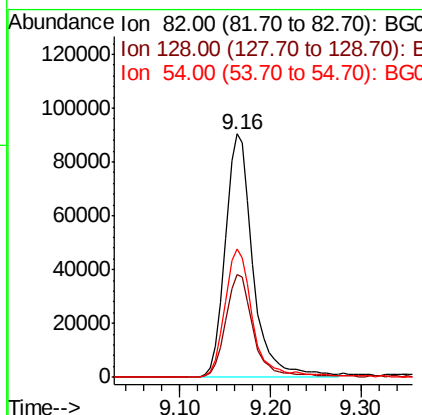
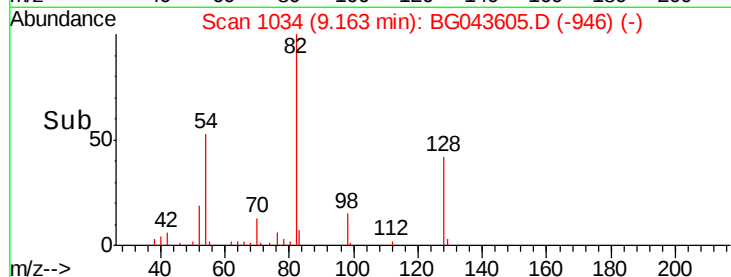
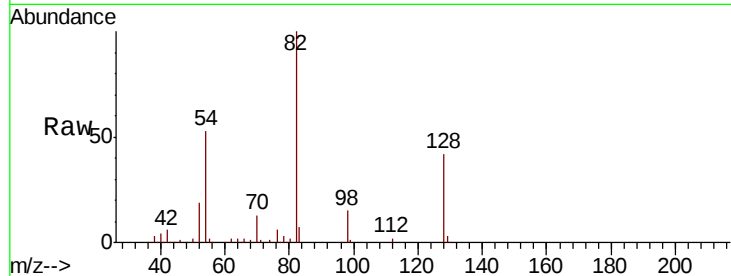




#23
 Nitrobenzene-d5
 Concen: 85.714 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG043605.D
 Acq: 12 Nov 2019 6:06

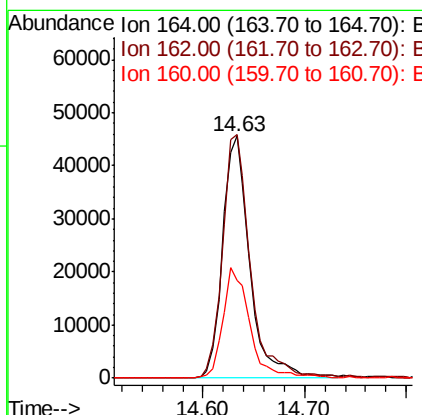
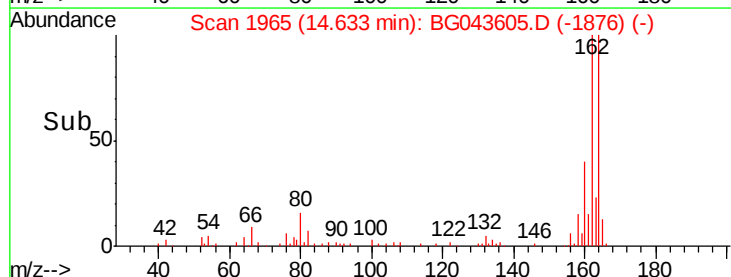
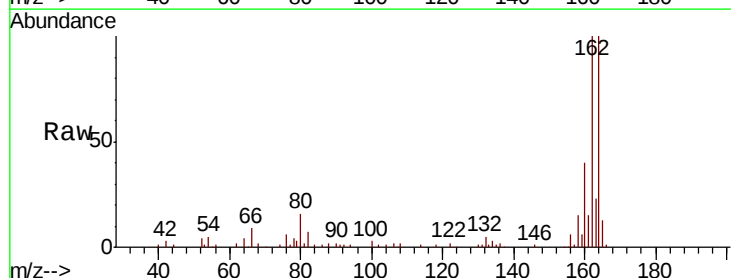
Instrument :
 BNA_G
 ClientSampleId :
 PB124694BL

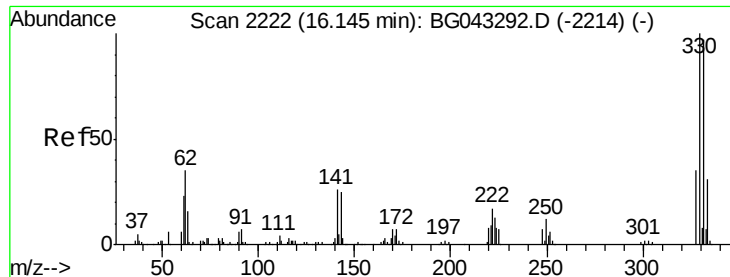
Tot Ion	82	Resp	192199
Ion Ratio	Lower	Upper	
82	100		
128	42.3	35.0	52.6
54	52.8	40.2	60.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BG043605.D
 Acq: 12 Nov 2019 6:06

Tgt Ion	164	Resp	84671
Ion Ratio	Lower	Upper	
164	100		
162	100.5	83.5	125.3
160	40.4	36.5	54.7

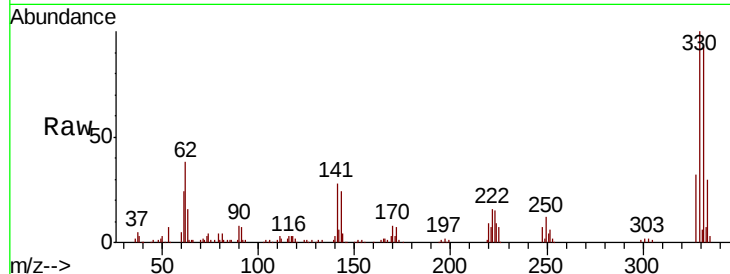




#42
 2,4,6-Tribromophenol
 Concen: 80.016 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043605.D
 Acq: 12 Nov 2019 6:06

Instrument :
 BNA_G
 ClientSampleId :
 PB124694BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.0
141	27.5	22.8	34.2

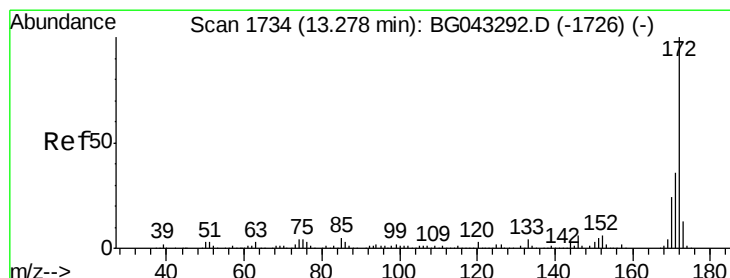
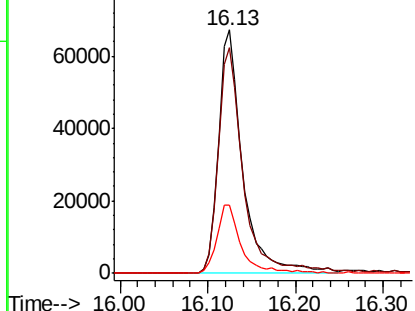
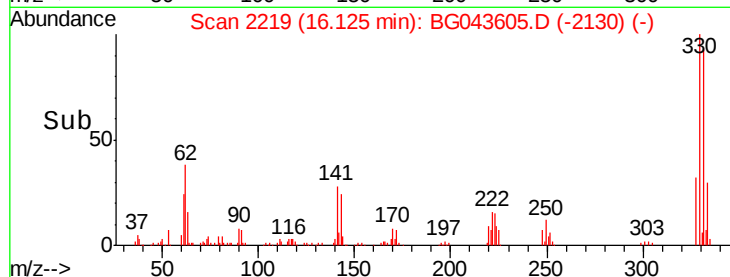


Abundance

Ion 329.80 (329.50 to 330.50): E

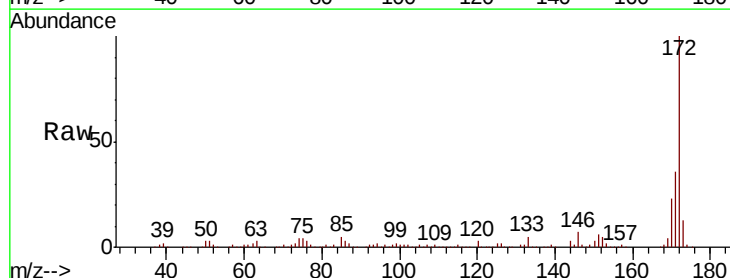
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.044 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043605.D
 Acq: 12 Nov 2019 6:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.2	18.5	27.7

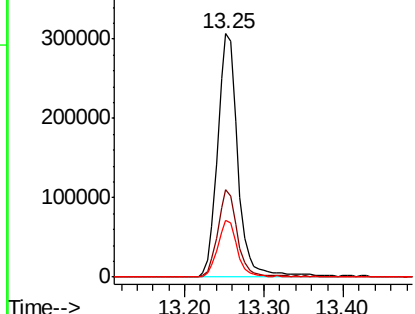
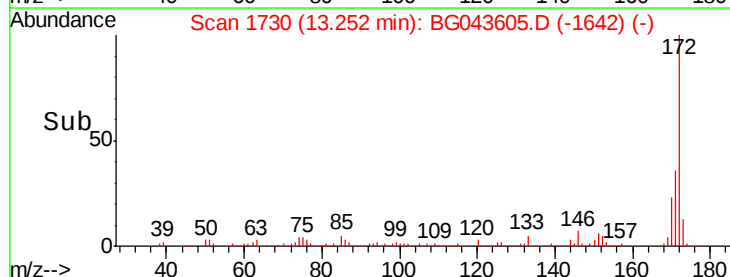


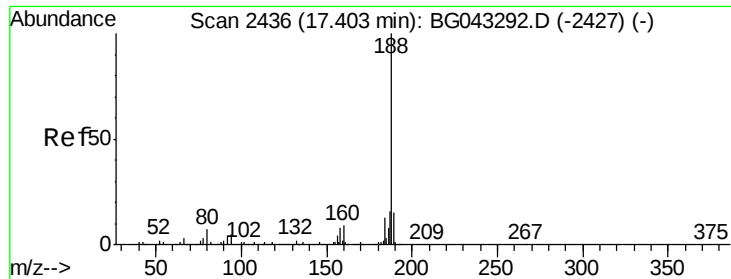
Abundance

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: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043605.D

Acq: 12 Nov 2019 6:06

Instrument :

BNA_G

ClientSampleId :

PB124694BL

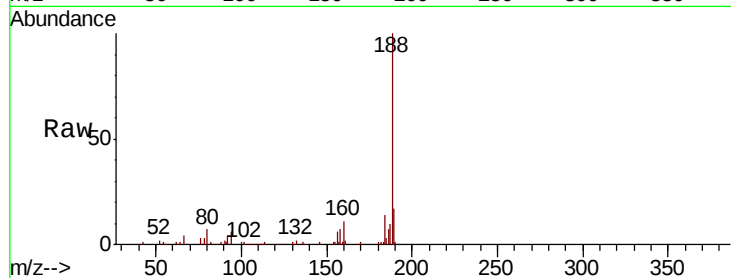
Tot Ion:188 Resp: 200169

Ion Ratio Lower Upper

188 100

94 6.2 4.2 6.4

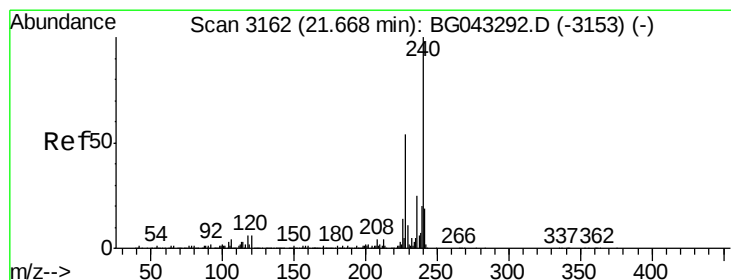
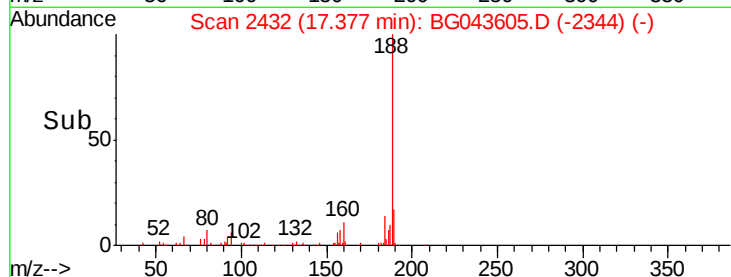
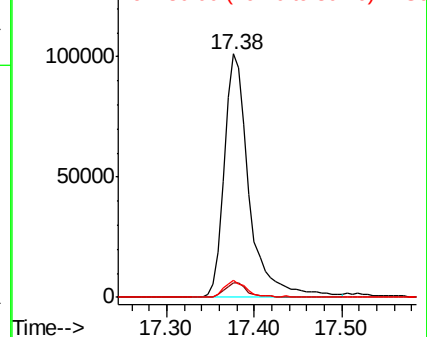
80 6.8 4.5 6.7#



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: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043605.D

Acq: 12 Nov 2019 6:06

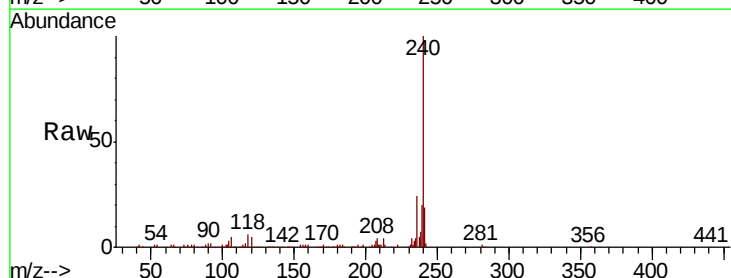
Tgt Ion:240 Resp: 210199

Ion Ratio Lower Upper

240 100

120 4.9 4.6 6.8

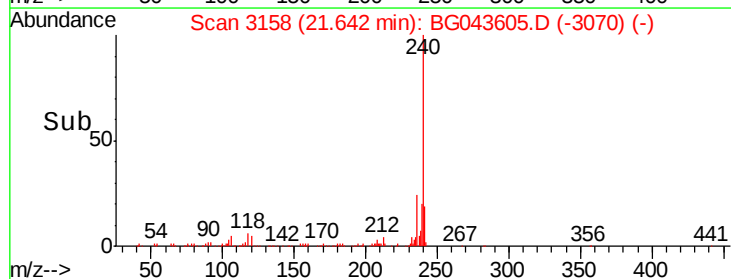
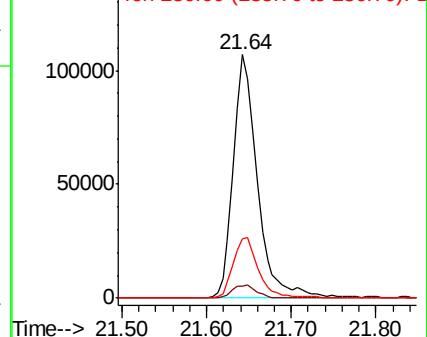
236 24.2 19.8 29.8

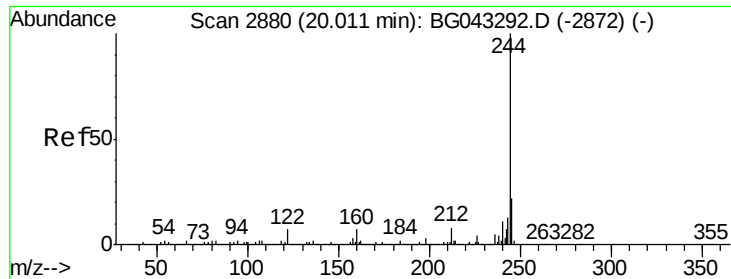


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

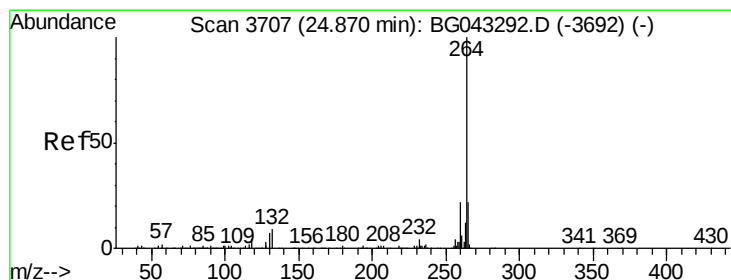
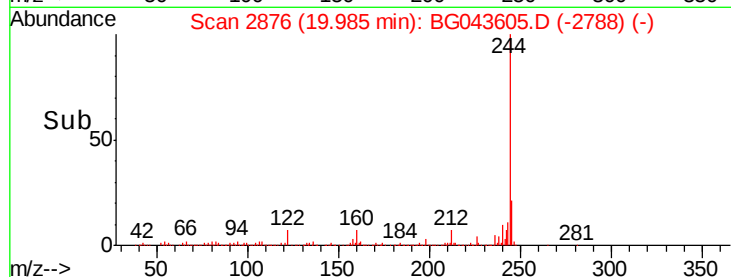
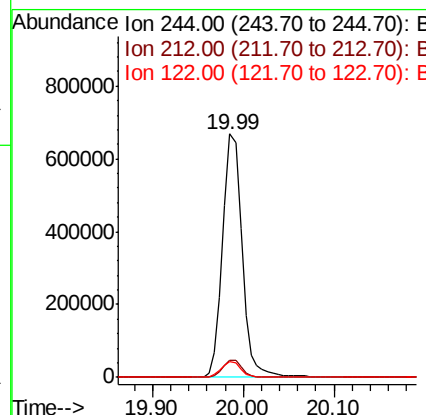
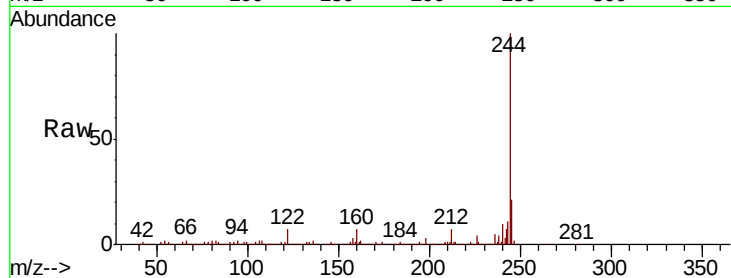




#79
 Terphenyl-d14
 Concen: 89.757 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG043605.D
 Acq: 12 Nov 2019 6:06

Instrument :
 BNA_G
 ClientSampleId :
 PB124694BL

Tot Ion:244 Resp: 1005659
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 6.7 5.4 8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3699
 Delta R.T. -0.03 min
 Lab File: BG043605.D
 Acq: 12 Nov 2019 6:06

Tgt Ion:264 Resp: 246053
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.5 26.3
 265 22.7 17.4 26.0

