

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043095.D
 Acq On : 8 Oct 2019 21:12
 Operator : JU
 Sample : PB123740TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123740TB

Quant Time: Oct 09 02:23:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58063	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	210957	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	157388	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	389812	20.00	ng	0.00
76) Chrysene-d12	21.69	240	403281	20.00	ng	0.00
87) Perylene-d12	24.90	264	464249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	233907	71.89	ng	0.00
7) Phenol-d6	7.22	99	205565	43.87	ng	0.00
23) Nitrobenzene-d5	9.22	82	316895	73.01	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	219250	81.01	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	842505	77.60	ng	0.00
79) Terphenyl-d14	20.03	244	1701726	89.92	ng	0.00

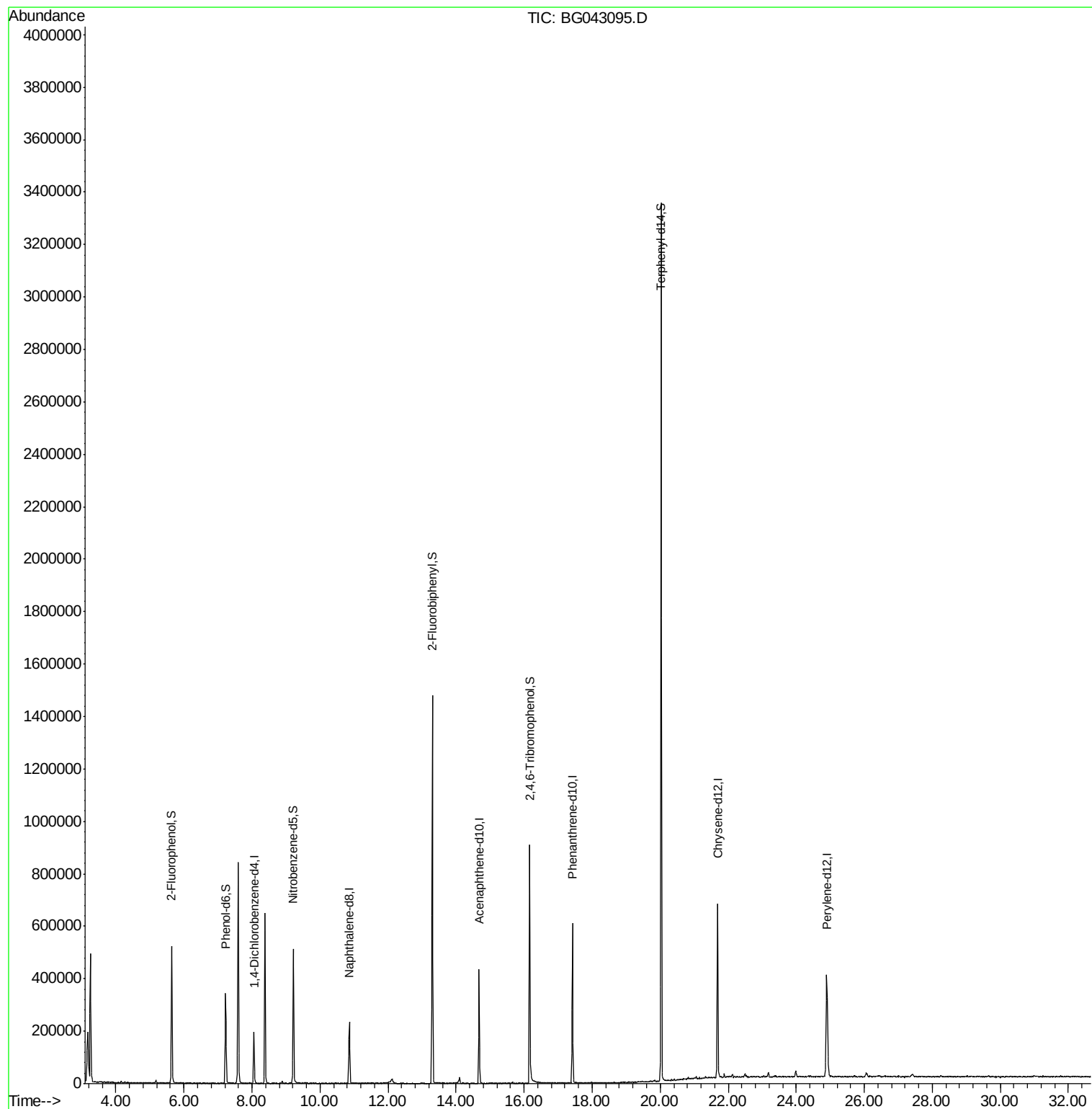
Target Compounds Qvalue

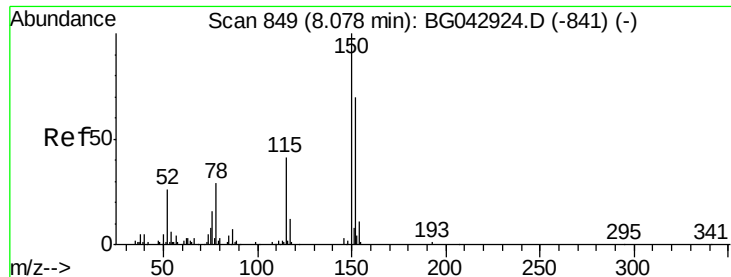
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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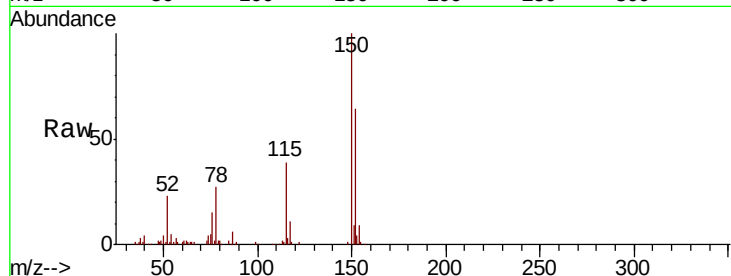


#1

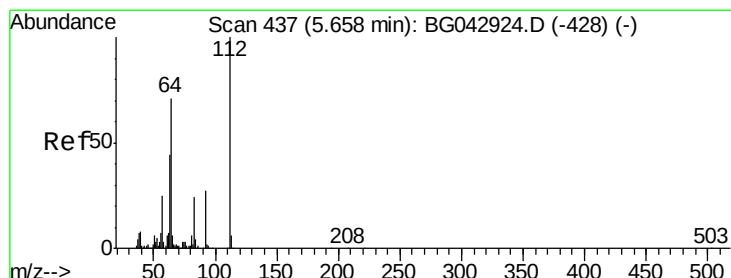
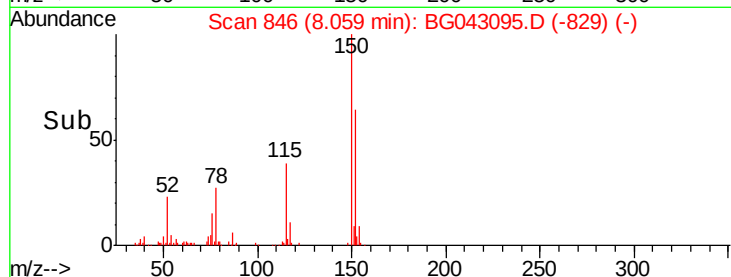
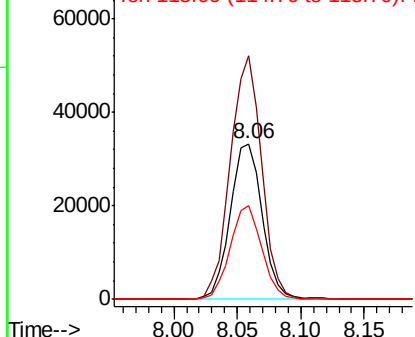
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043095.D
Acq: 8 Oct 2019 21:12

Instrument :
BNA_G
ClientSampleId :
PB123740TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	115.0	172.4
115	60.5	47.0	70.6



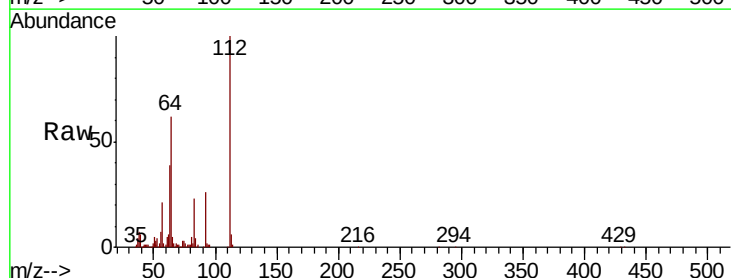
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



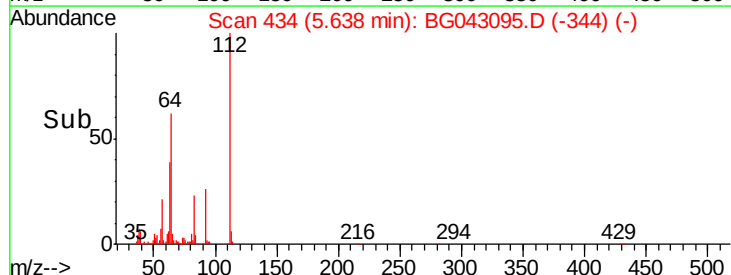
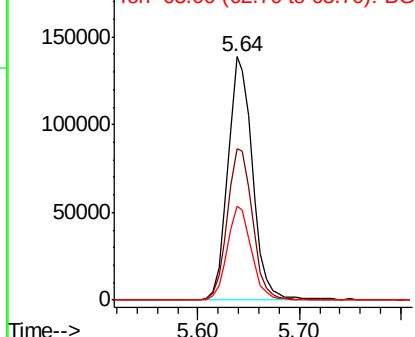
#5

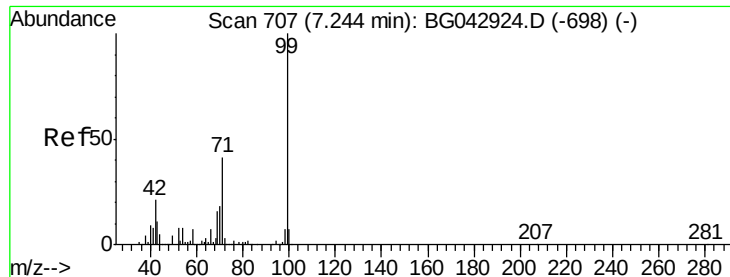
2-Fluorophenol
Concen: 71.894 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG043095.D
Acq: 8 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.6	84.8
63	38.6	35.1	52.7



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: 43.875 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043095.D

Acq: 8 Oct 2019 21:12

Instrument :

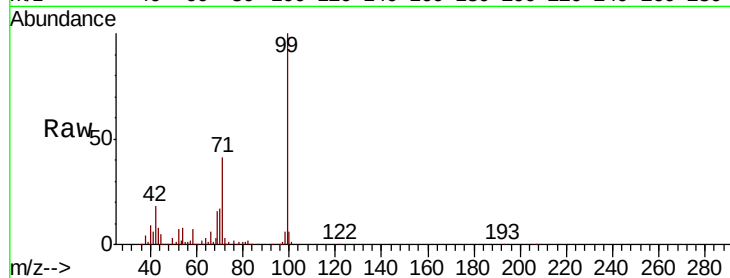
BNA_G

ClientSampleId :

PB123740TB

Tot Ion: 99 Resp: 205565

Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.2	25.8
71	40.9	33.1	49.7

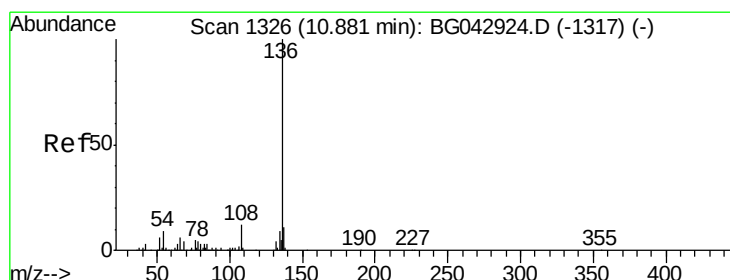
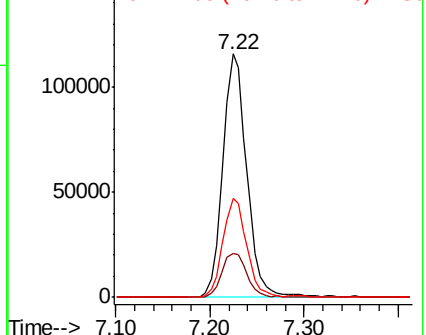
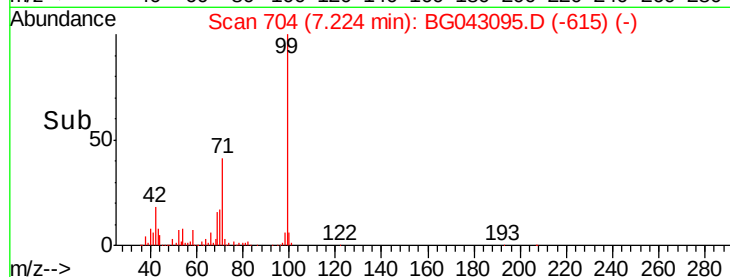


Abundance

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

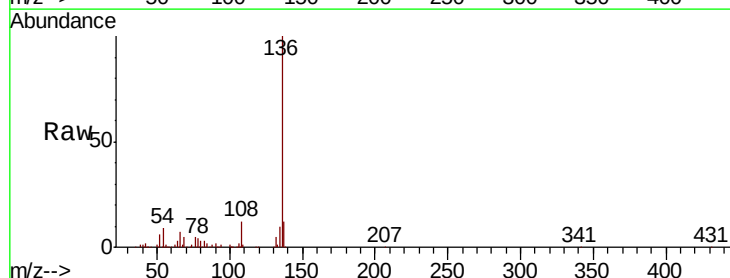
Delta R.T. -0.00 min

Lab File: BG043095.D

Acq: 8 Oct 2019 21:12

Tgt Ion: 136 Resp: 210957

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	8.5	7.4	11.2
68	4.8	3.6	5.4



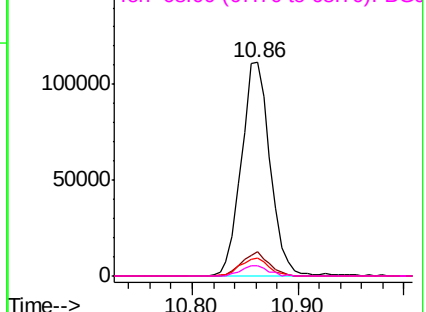
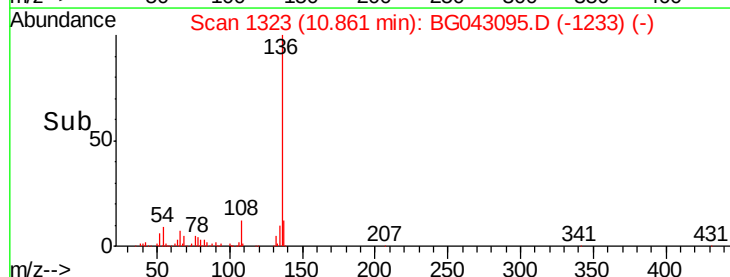
Abundance

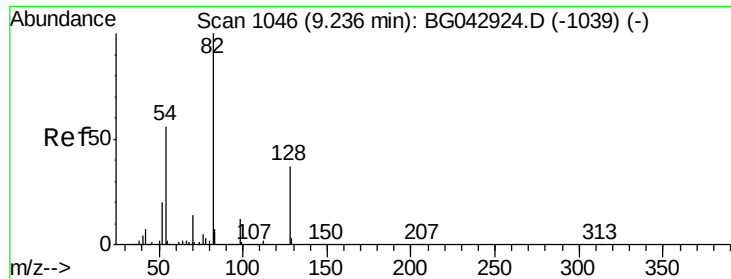
Ion 136.00 (135.70 to 136.70): BGC

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

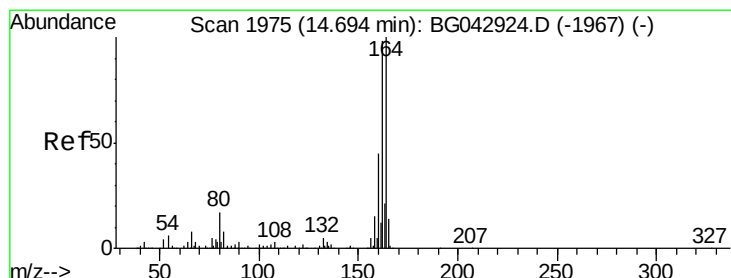
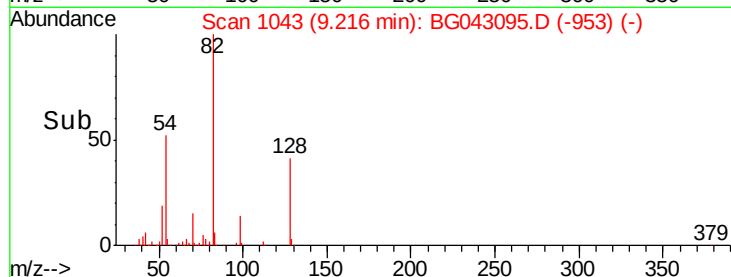
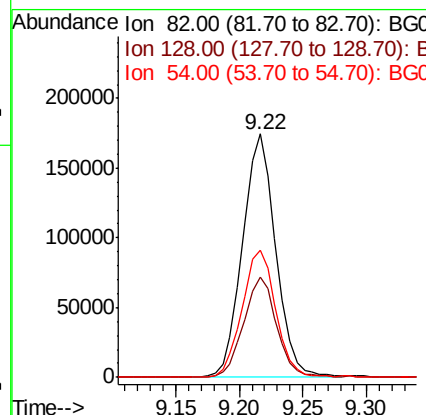
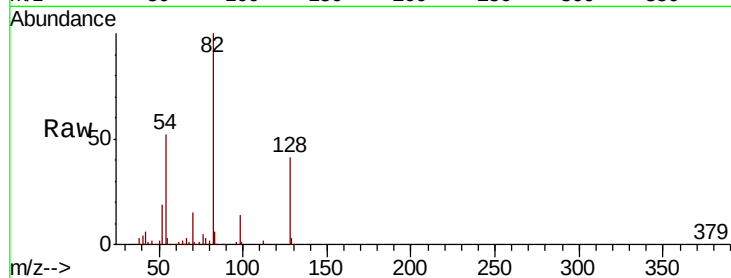




#23
Nitrobenzene-d5
Concen: 73.014 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043095.D
Acq: 8 Oct 2019 21:12

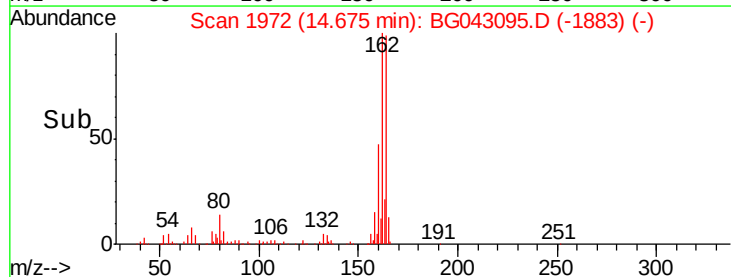
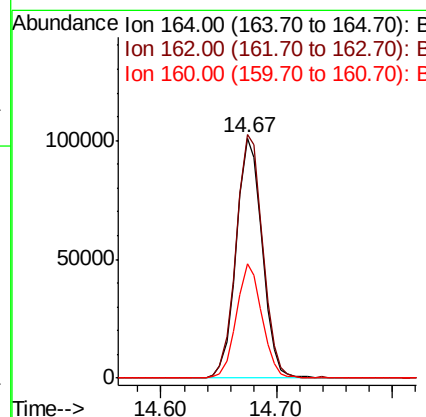
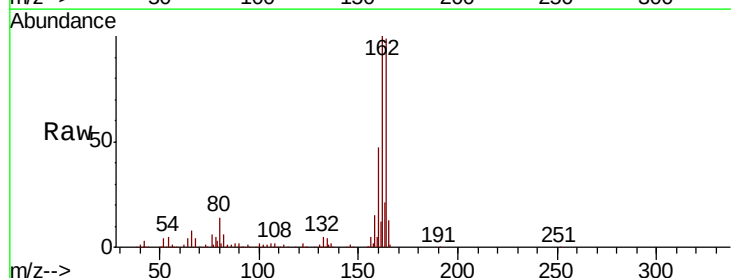
Instrument :
BNA_G
ClientSampleId :
PB123740TB

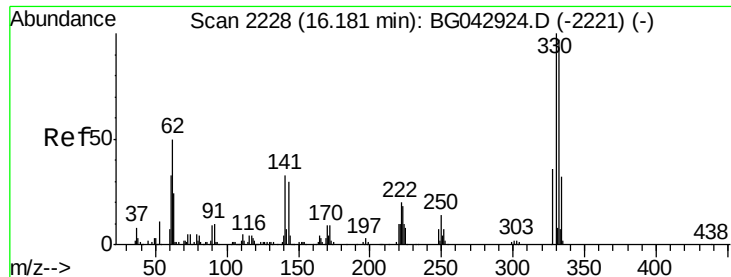
Tot Ion	82	Resp	316895
Ion Ratio	Lower	Upper	
82	100		
128	41.1	29.5	44.3
54	52.1	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG043095.D
Acq: 8 Oct 2019 21:12

Tgt Ion	164	Resp	157388
Ion Ratio	Lower	Upper	
164	100		
162	101.4	78.5	117.7
160	47.8	35.9	53.9

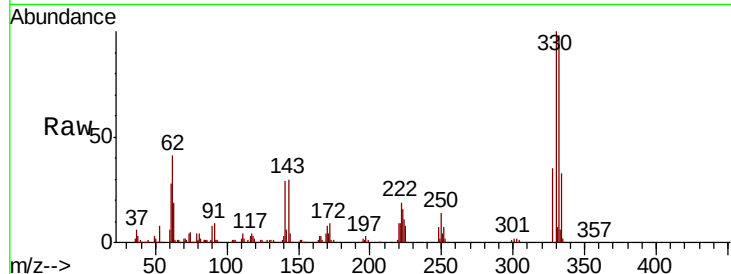




#42
 2,4,6-Tribromophenol
 Concen: 81.012 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG043095.D
 Acq: 8 Oct 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB123740TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	28.0	26.0	39.0

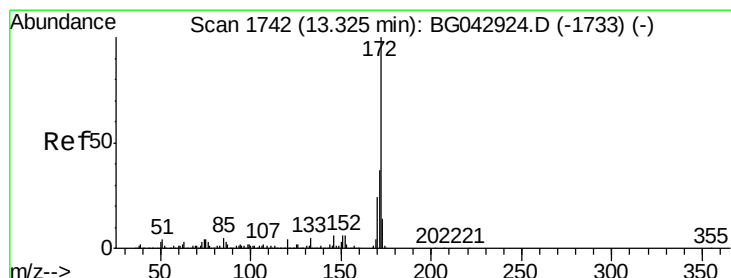
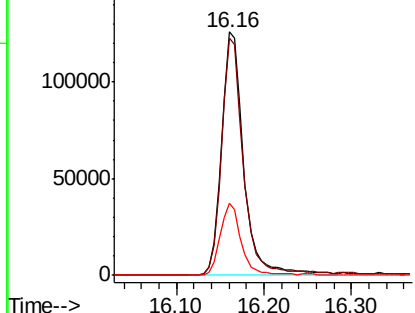
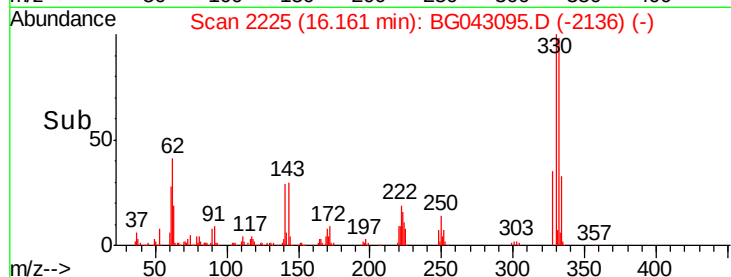


Abundance

Ion 329.80 (329.50 to 330.50): E

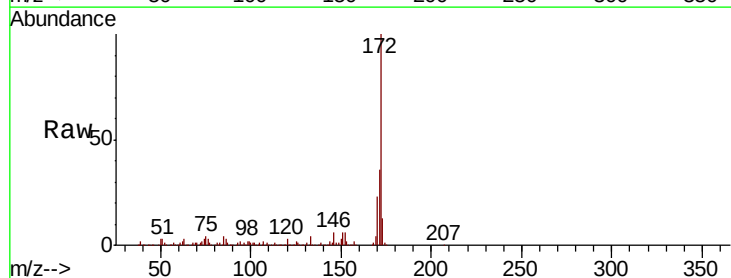
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.603 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG043095.D
 Acq: 8 Oct 2019 21:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.3	19.6	29.4

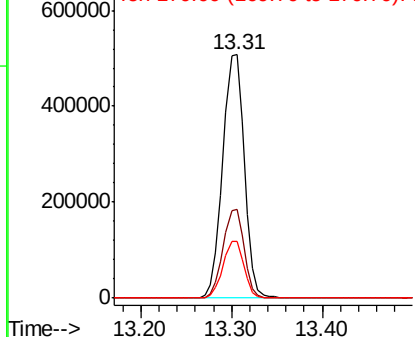
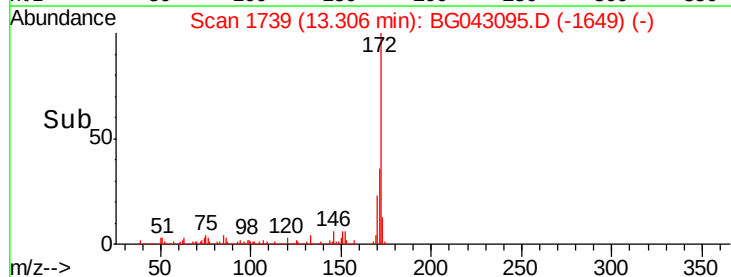


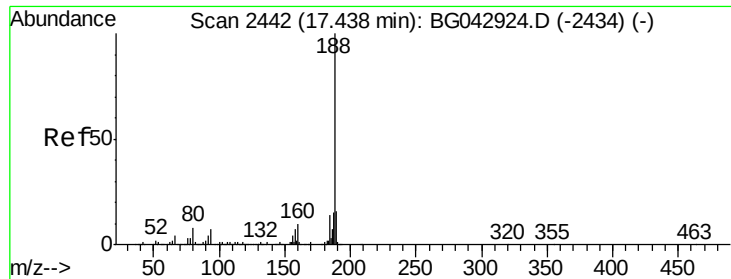
Abundance

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: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG043095.D

Acq: 8 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB123740TB

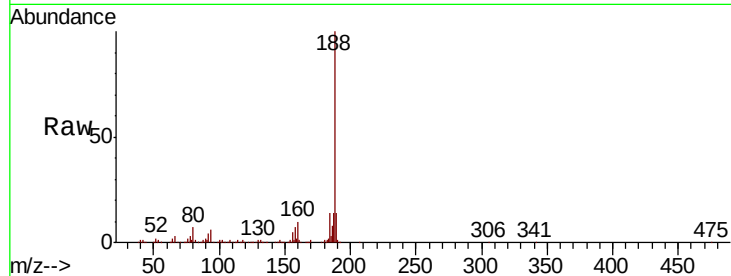
Tot Ion:188 Resp: 389812

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

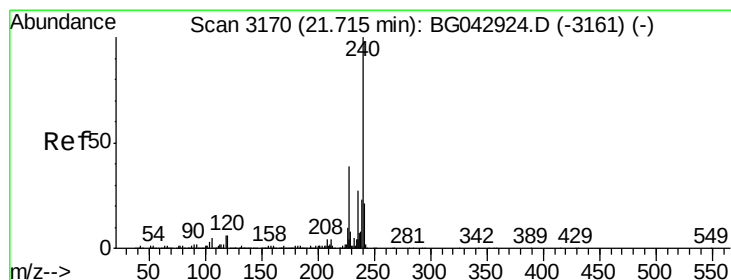
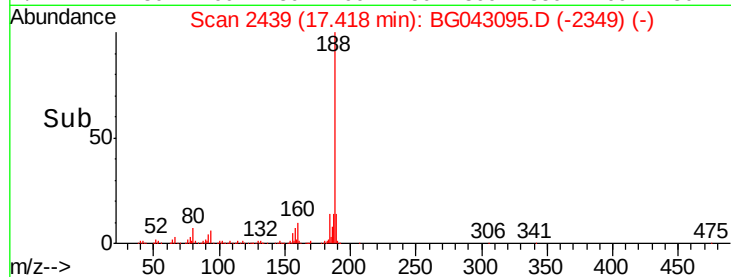
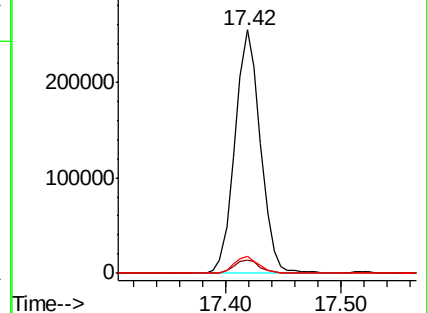
80 7.2 6.5 9.7



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: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG043095.D

Acq: 8 Oct 2019 21:12

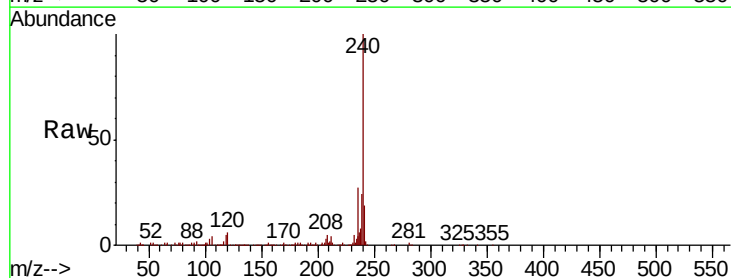
Tgt Ion:240 Resp: 403281

Ion Ratio Lower Upper

240 100

120 5.6 4.8 7.2

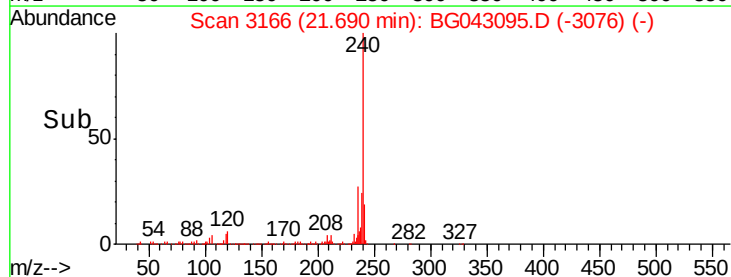
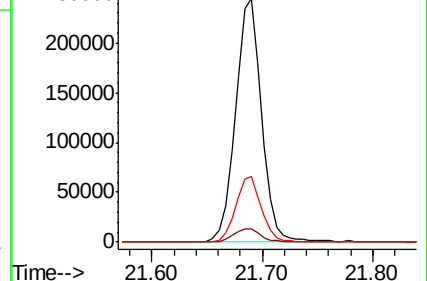
236 27.2 21.4 32.0

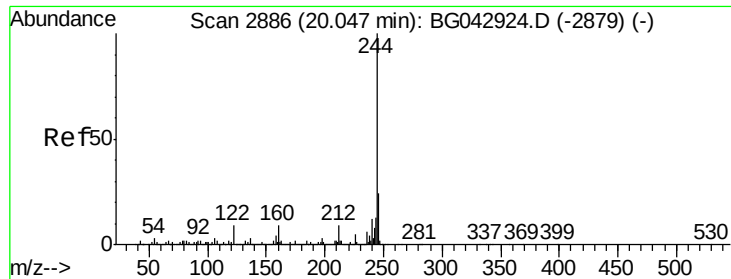


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.917 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG043095.D

Acq: 8 Oct 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB123740TB

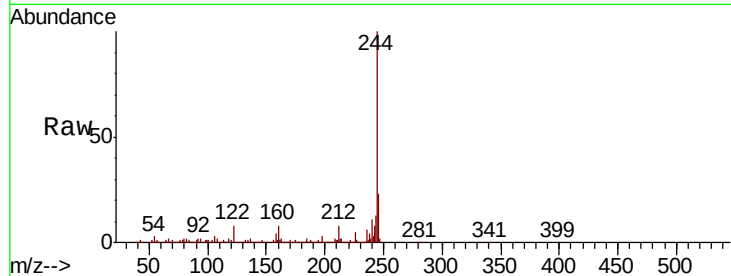
Tot Ion:244 Resp: 1701726

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.0

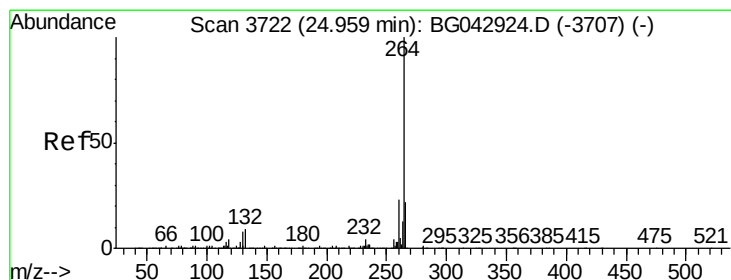
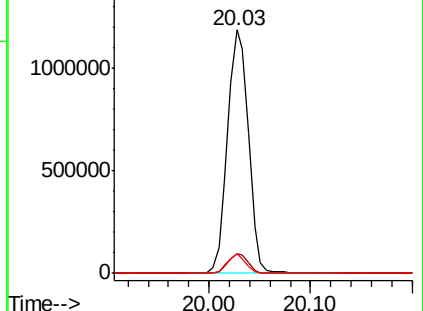
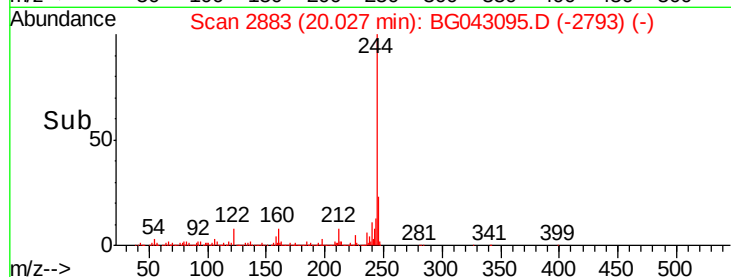
122 7.8 7.0 10.4



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: 24.90 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG043095.D

Acq: 8 Oct 2019 21:12

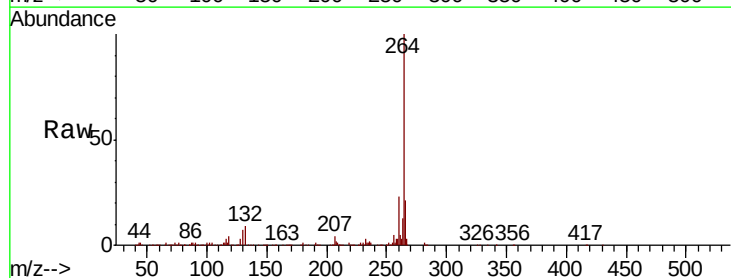
Tgt Ion:264 Resp: 464249

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 21.4 17.7 26.5



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

