

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042346.D
 Acq On : 20 Aug 2019 3:33
 Operator : HP/JU
 Sample : K4277-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Quant Time: Aug 20 07:39:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

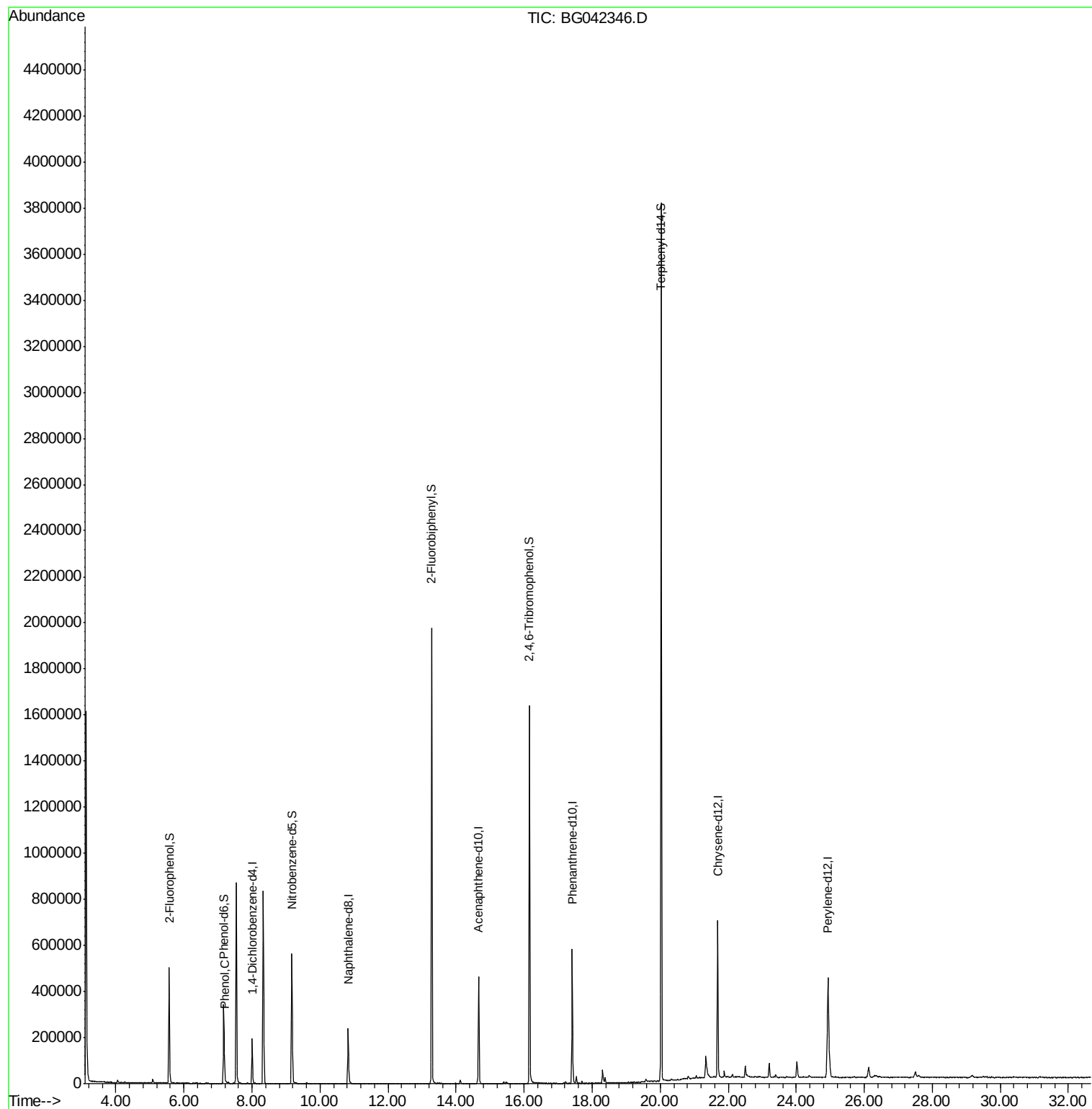
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64753	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	253746	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	185974	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	417198	20.00	ng	0.00
76) Chrysene-d12	21.69	240	430679	20.00	ng	0.00
87) Perylene-d12	24.93	264	501811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	265893	83.20	ng	0.00
7) Phenol-d6	7.17	99	248833	57.33	ng	0.00
23) Nitrobenzene-d5	9.18	82	377499	104.63	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	379385	149.78	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1171250	106.57	ng	0.00
79) Terphenyl-d14	20.03	244	1948124	99.07	ng	0.00
Target Compounds						
10) Phenol	7.19	94	18973	4.300	ng	Qvalue 91

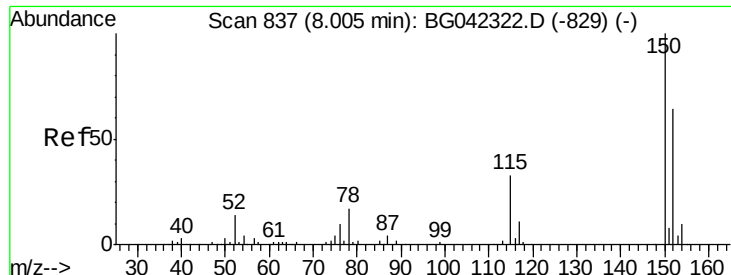
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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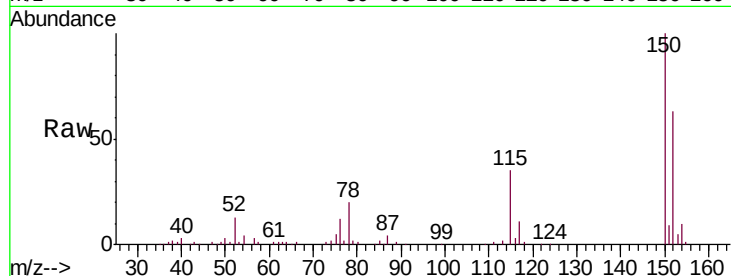


#1

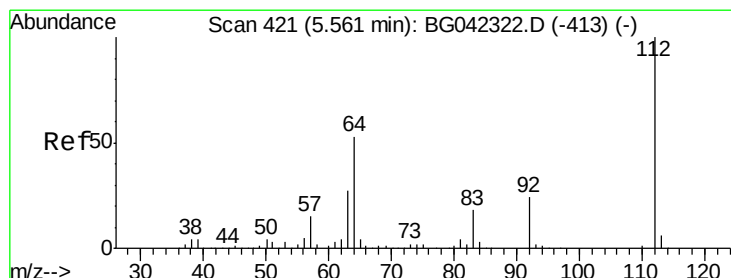
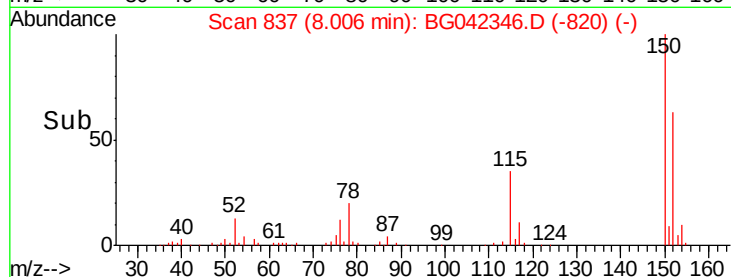
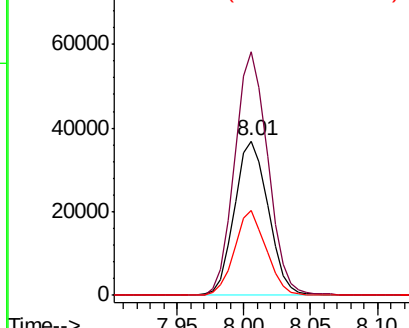
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042346.D
Acq: 20 Aug 2019 3:33

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion:152 Resp: 64753
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 54.9 40.5 60.7



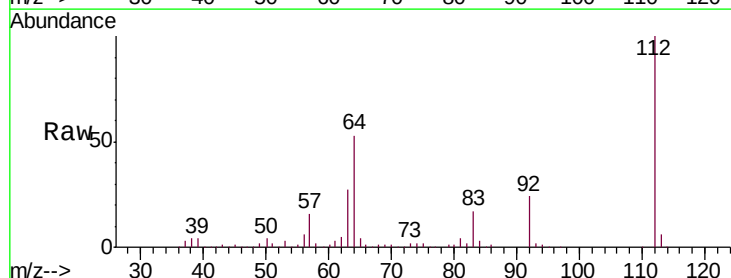
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



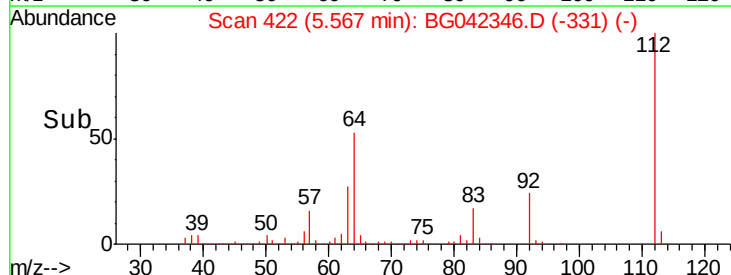
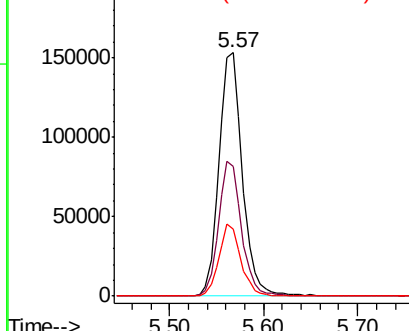
#5

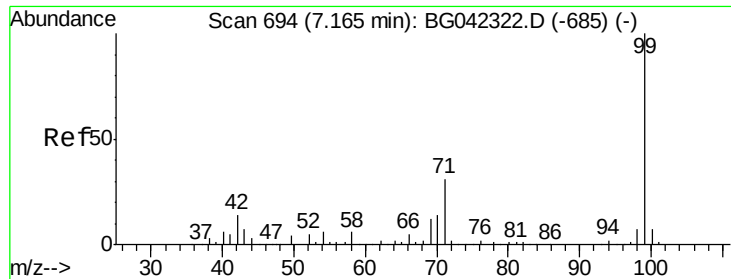
2-Fluorophenol
Concen: 83.197 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042346.D
Acq: 20 Aug 2019 3:33

Tgt Ion:112 Resp: 265893
Ion Ratio Lower Upper
112 100
64 53.1 42.5 63.7
63 27.5 21.7 32.5



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: 57.328 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042346.D

Acq: 20 Aug 2019 3:33

Instrument :

BNA_G

ClientSampleId :

TP-22

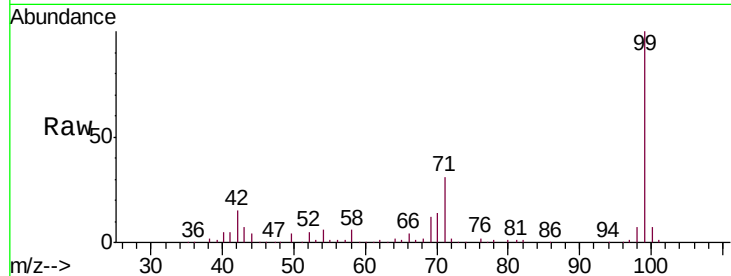
Tot Ion: 99 Resp: 248833

Ion Ratio Lower Upper

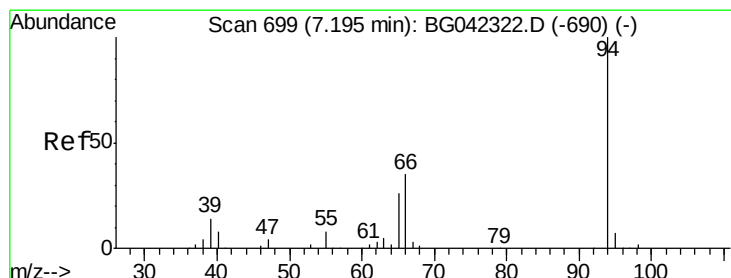
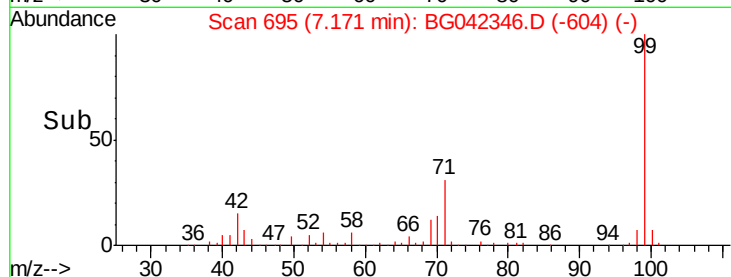
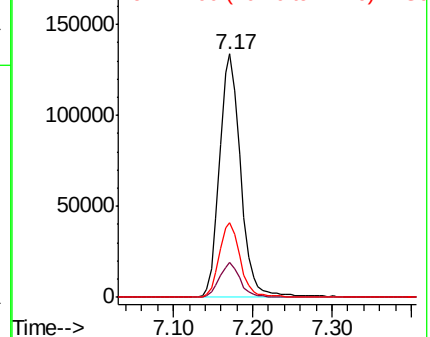
99 100

42 14.6 11.4 17.0

71 30.8 25.1 37.7



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



#10

Phenol

Concen: 4.300 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042346.D

Acq: 20 Aug 2019 3:33

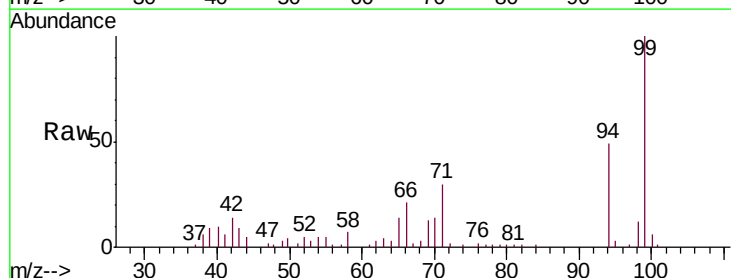
Tgt Ion: 94 Resp: 18973

Ion Ratio Lower Upper

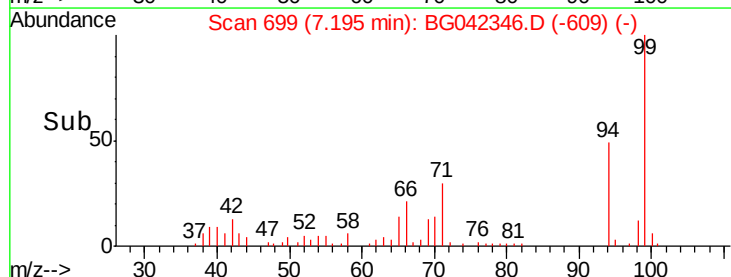
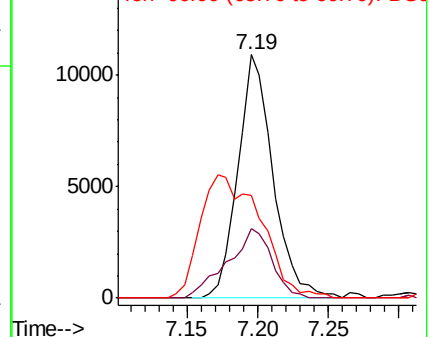
94 100

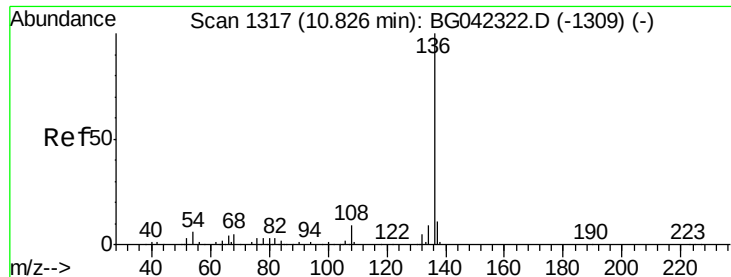
65 28.5 6.1 46.1

66 42.4 15.7 55.7



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

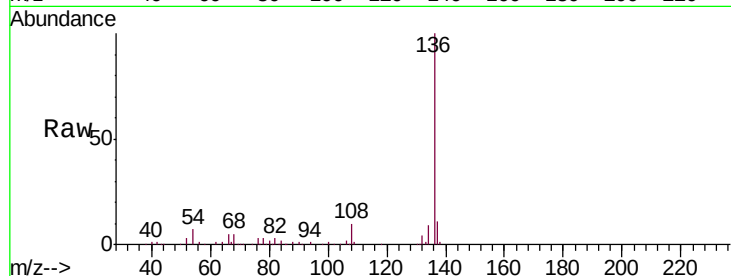




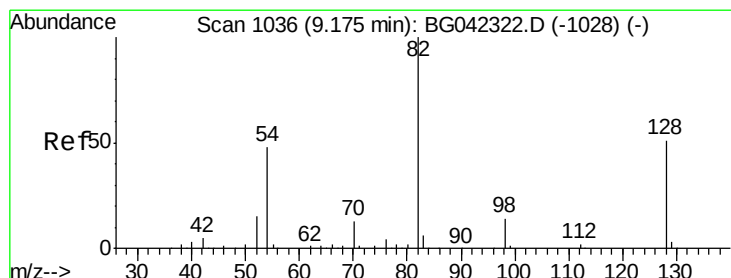
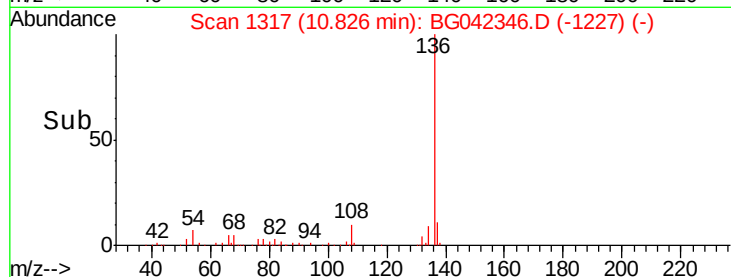
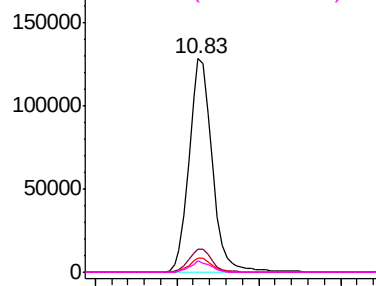
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG042346.D
Acq: 20 Aug 2019 3:33

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion:136	Resp:	253746
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.4	12.6
54 6.7	5.0	7.4
68 5.2	3.8	5.8

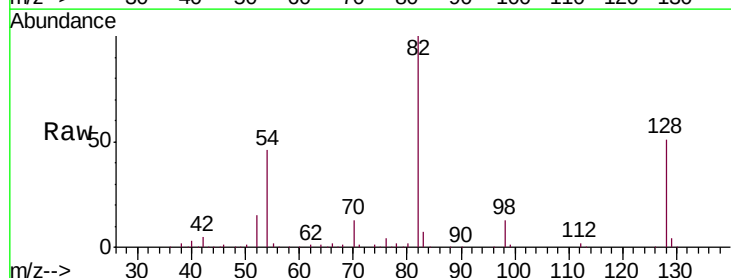


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

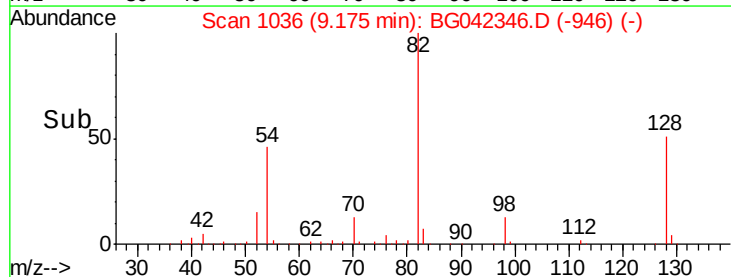
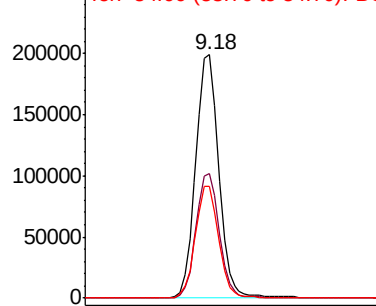


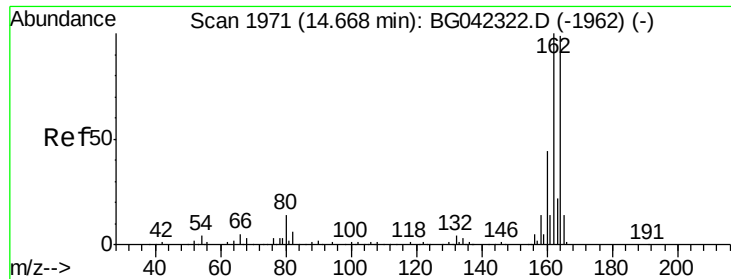
#23
Nitrobenzene-d5
Concen: 104.635 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042346.D
Acq: 20 Aug 2019 3:33

Tgt Ion: 82	Resp: 377499
Ion Ratio	Lower Upper
82 100	
128 51.3	41.0 61.4
54 45.7	38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

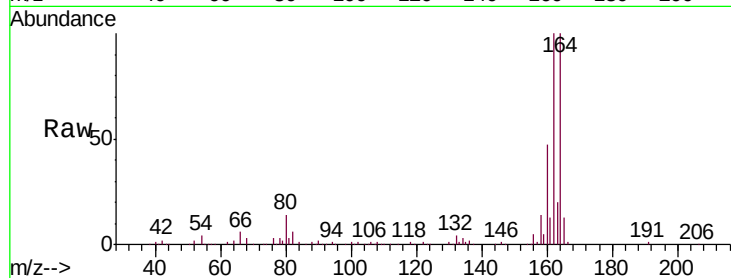




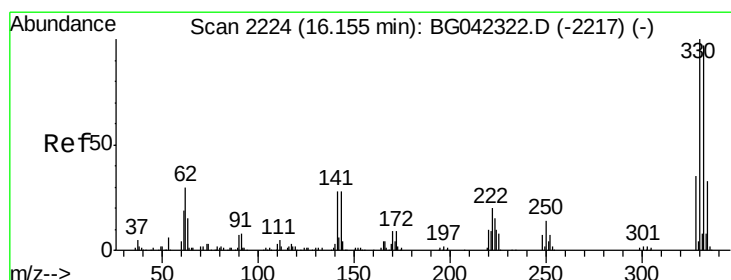
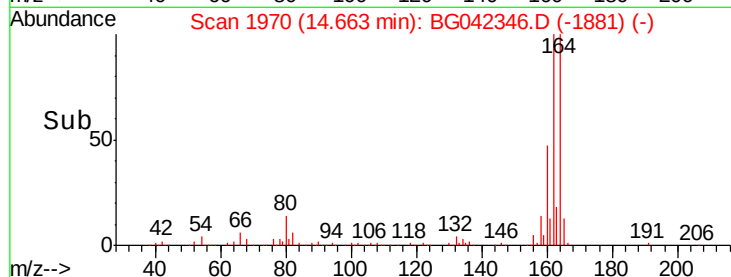
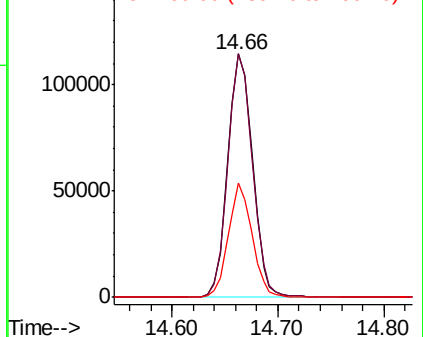
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042346.D
Acq: 20 Aug 2019 3:33

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion:164 Resp: 185974
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 46.9 35.7 53.5

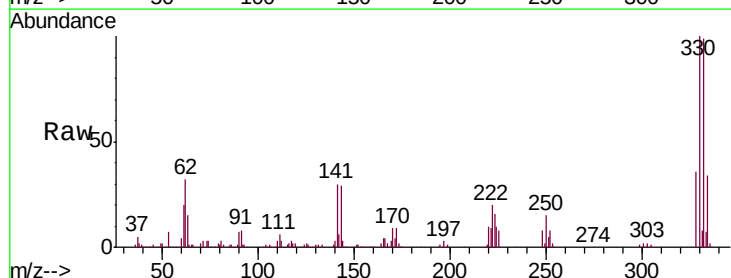


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

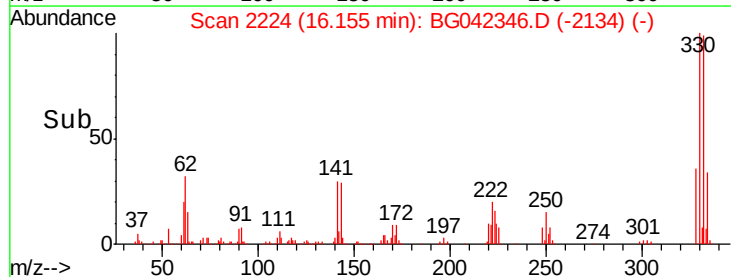
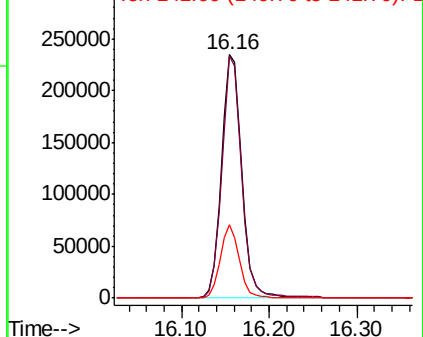


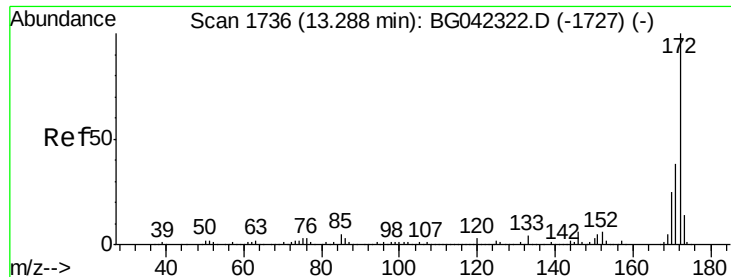
#42
2,4,6-Tribromophenol
Concen: 149.781 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG042346.D
Acq: 20 Aug 2019 3:33

Tgt Ion:330 Resp: 379385
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 28.5 21.8 32.6



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



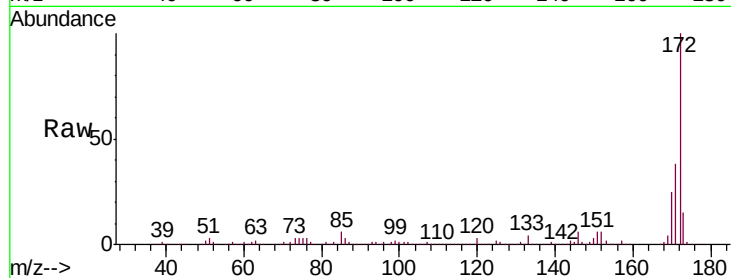


#45
 2-Fluorobiphenyl
 Concen: 106.571 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG042346.D
 Acq: 20 Aug 2019 3:33

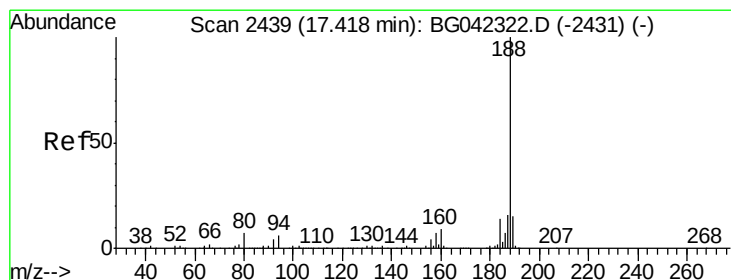
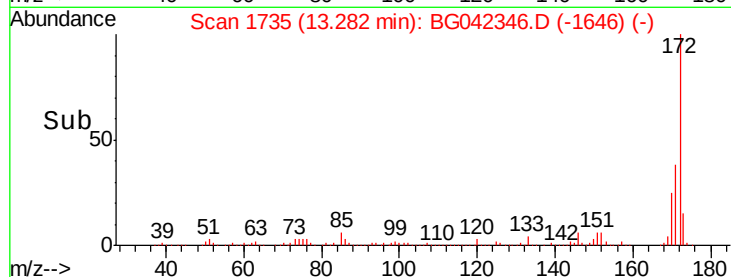
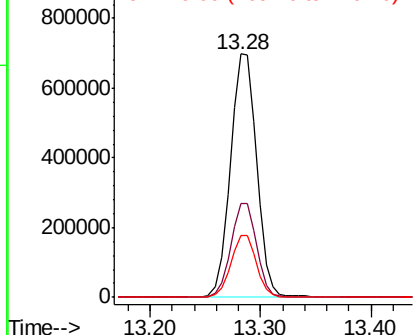
Instrument :
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 TP-22

Tot Ion:172 Resp: 1171250

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.3	45.5
170	25.2	20.0	30.0



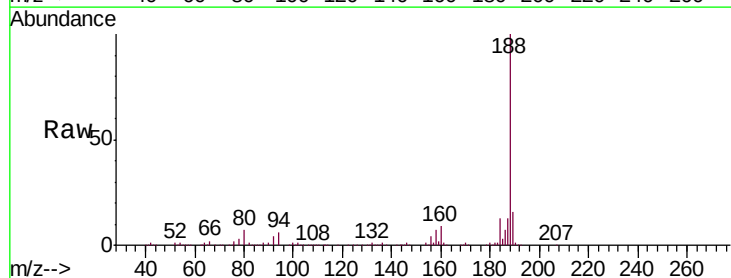
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



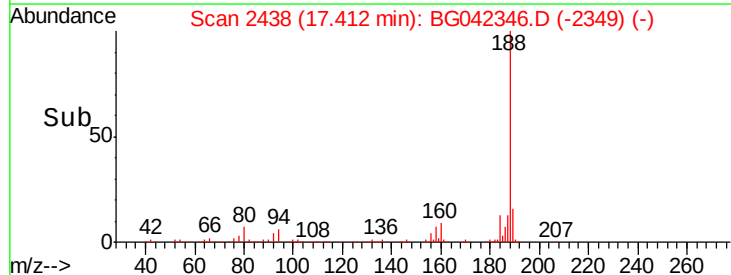
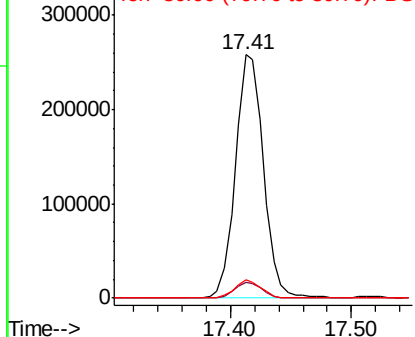
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042346.D
 Acq: 20 Aug 2019 3:33

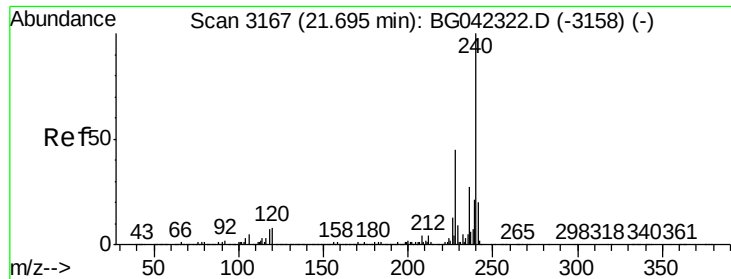
Tgt Ion:188 Resp: 417198

Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.9	7.3
80	7.5	5.4	8.0



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

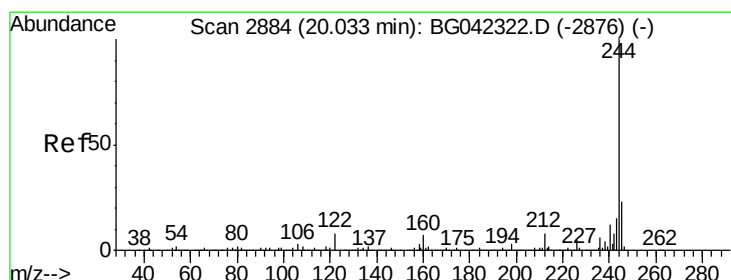
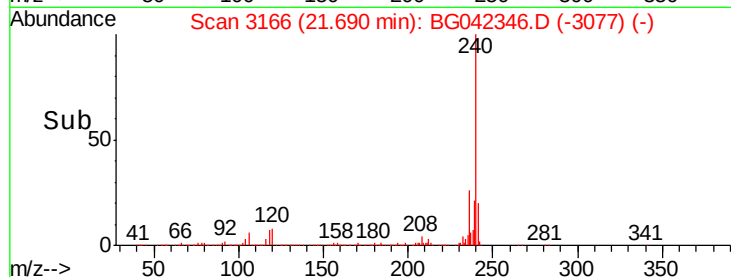
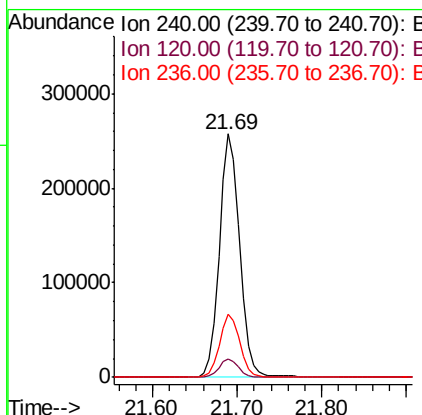
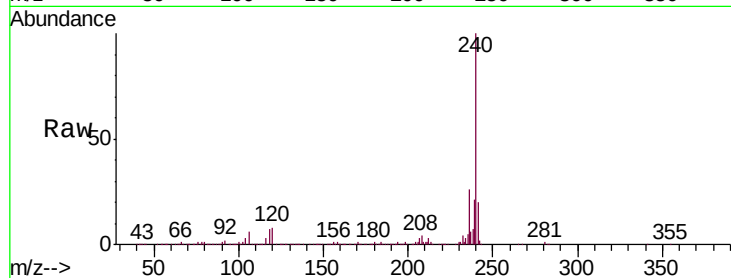




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042346.D
Acq: 20 Aug 2019 3:33

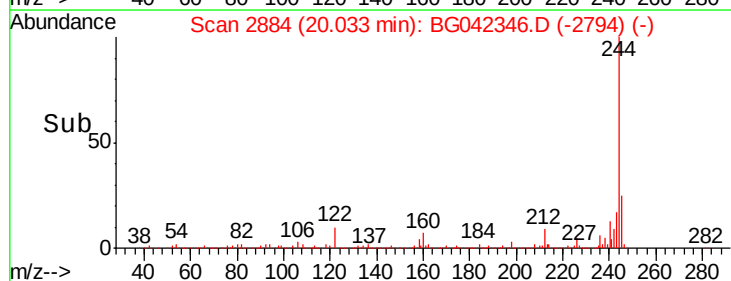
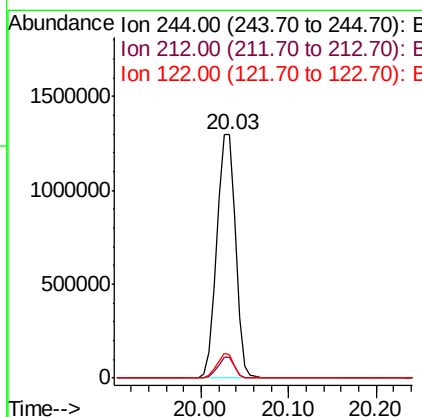
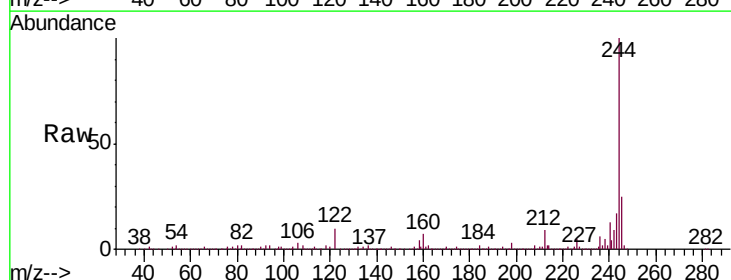
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TP-22

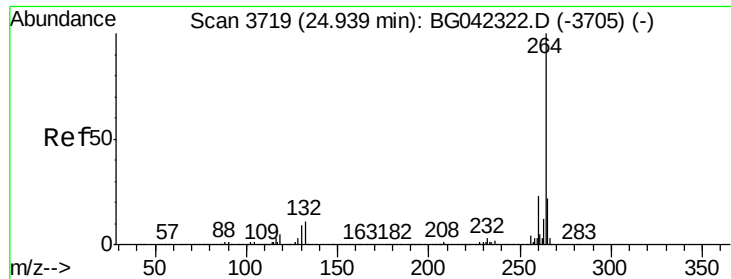
Tot Ion:240 Resp: 430679
Ion Ratio Lower Upper
240 100
120 7.7 6.0 9.0
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 99.075 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG042346.D
Acq: 20 Aug 2019 3:33

Tgt Ion:244 Resp: 1948124
Ion Ratio Lower Upper
244 100
212 8.8 6.4 9.6
122 9.7 6.6 10.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042346.D
 Acq: 20 Aug 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.7	17.4	26.0

