

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042312.D
 Acq On : 18 Aug 2019 7:29
 Operator : HP/JU
 Sample : K4277-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19

Quant Time: Aug 19 08:19:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	62212	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	229857	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	165134	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	405701	20.00	ng	0.00
76) Chrysene-d12	21.69	240	462186	20.00	ng	0.00
87) Perylene-d12	24.93	264	518333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	412275	128.94	ng	0.00
7) Phenol-d6	7.17	99	495085	114.85	ng	0.00
23) Nitrobenzene-d5	9.17	82	355612	106.47	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	353787	188.62	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1080097	115.36	ng	0.00
79) Terphenyl-d14	20.03	244	2084551	103.21	ng	0.00

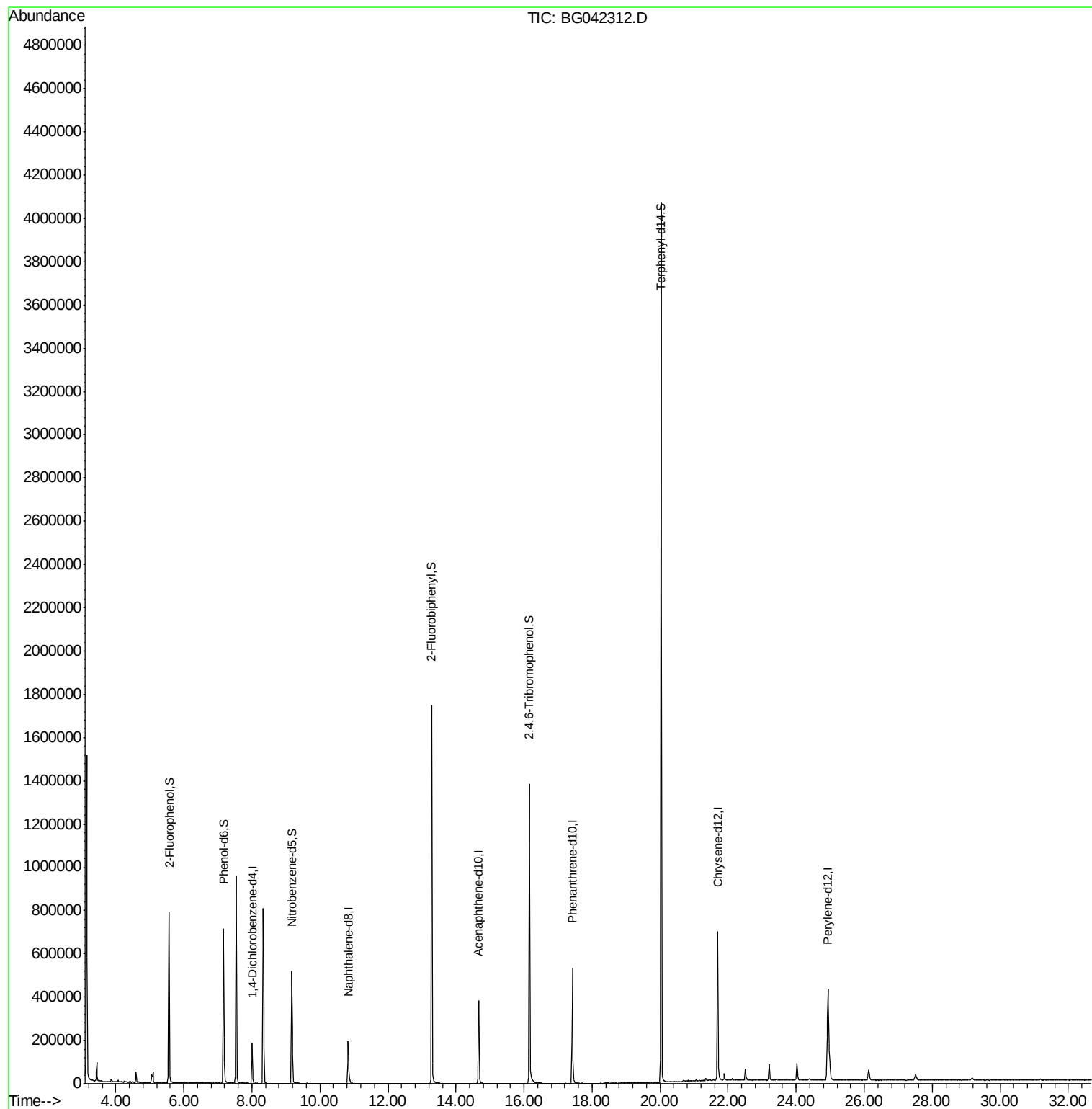
Target Compounds Qvalue

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

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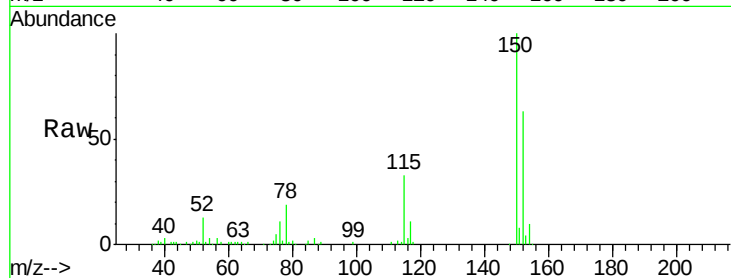




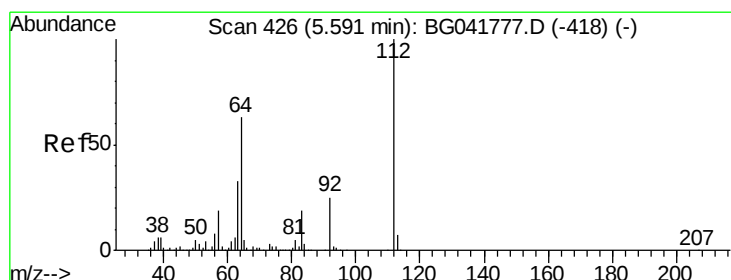
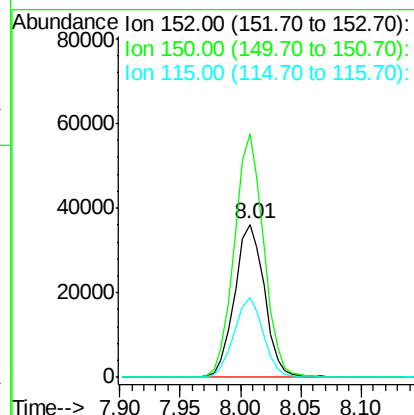
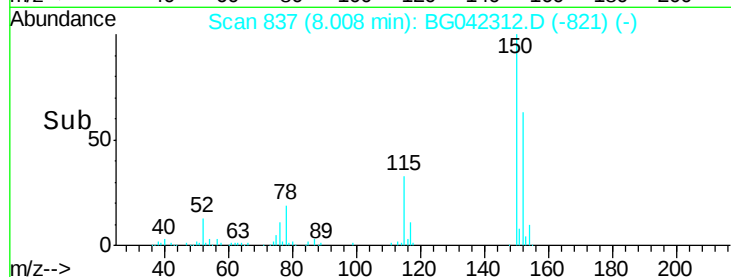
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BG042312.D
 Acq: 18 Aug 2019 7:29

Instrument :
 BNA_G
 ClientSampleId :
 TP-19

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.9	190.3
115	52.0	45.0	67.6

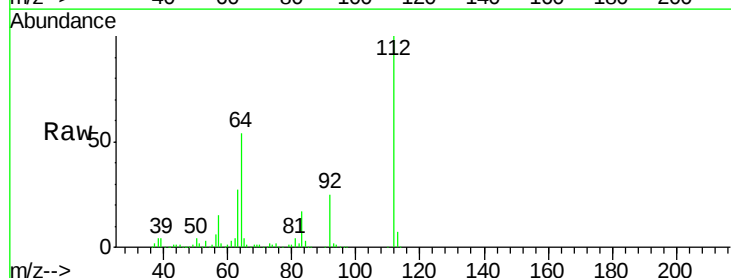


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

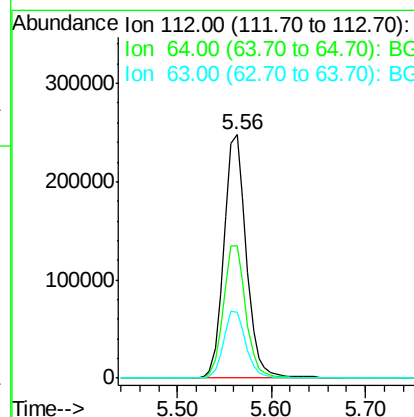
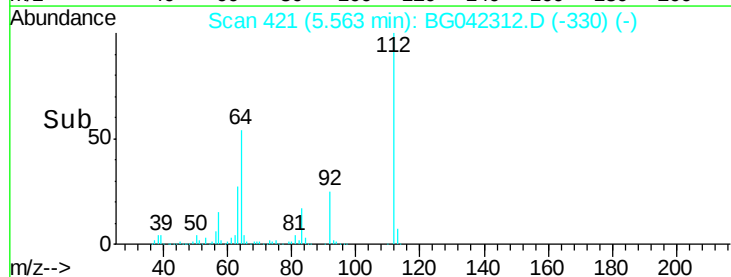


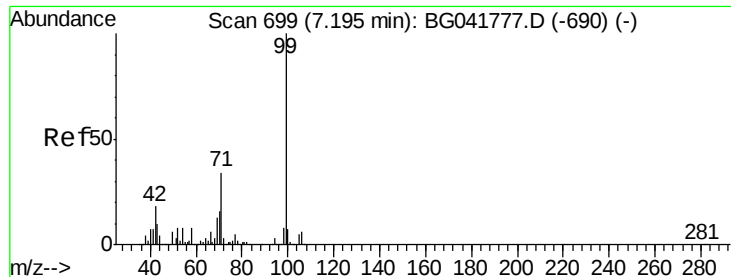
#5
 2-Fluorophenol
 Concen: 128.935 ng
 RT: 5.56 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BG042312.D
 Acq: 18 Aug 2019 7:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	55.4	83.2#
63	27.1	29.1	43.7#



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: 114.848 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

Instrument :

BNA_G

ClientSampleId :

TP-19

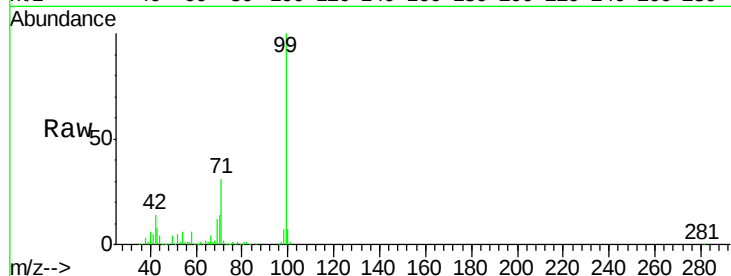
Tot Ion: 99 Resp: 495085

Ion Ratio Lower Upper

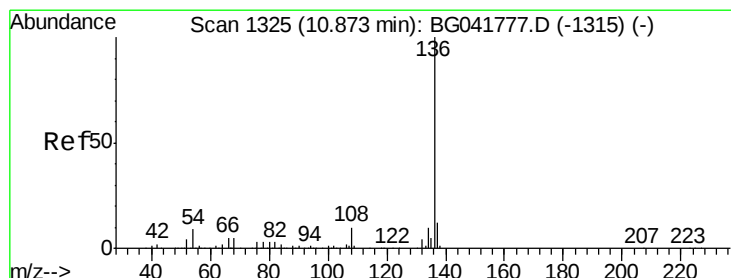
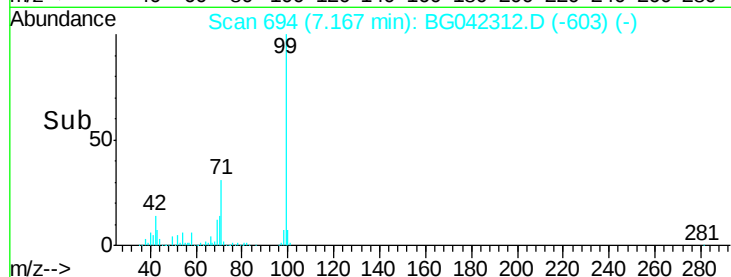
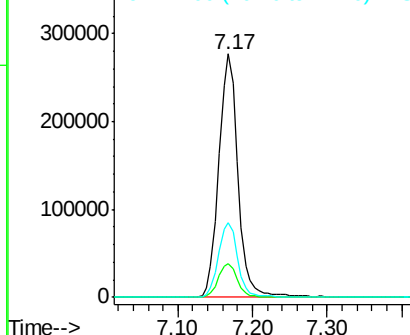
99 100

42 14.1 17.6 26.4#

71 30.7 27.8 41.6



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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

Tgt Ion: 136 Resp: 229857

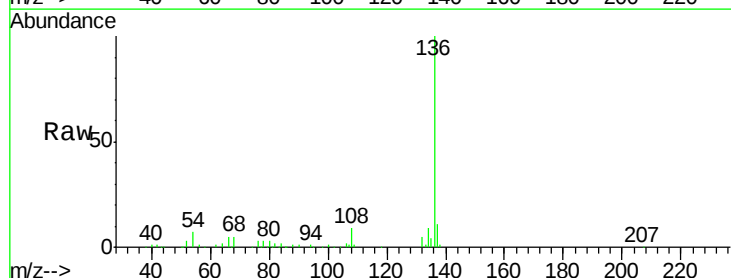
Ion Ratio Lower Upper

136 100

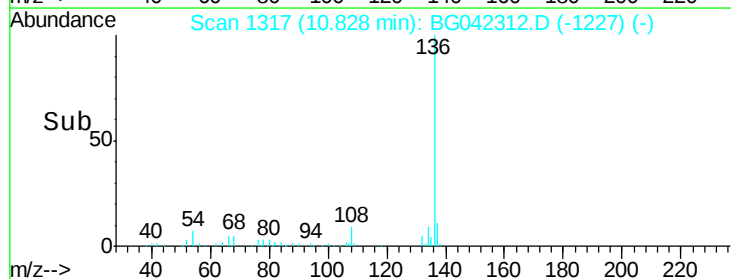
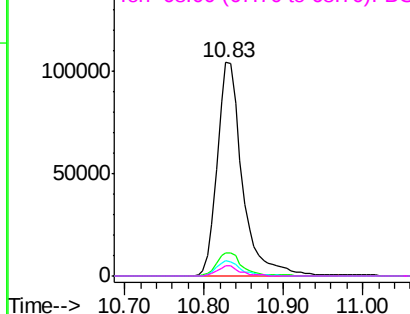
137 10.9 9.2 13.8

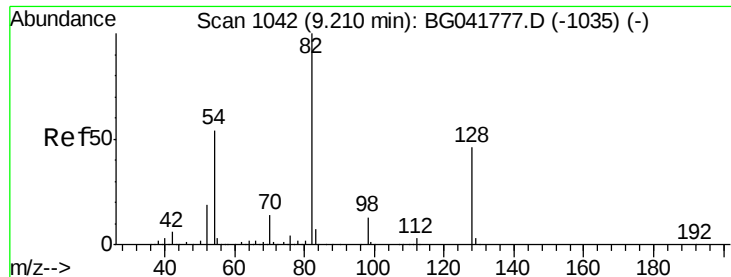
54 7.0 8.7 13.1#

68 4.5 5.5 8.3#



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

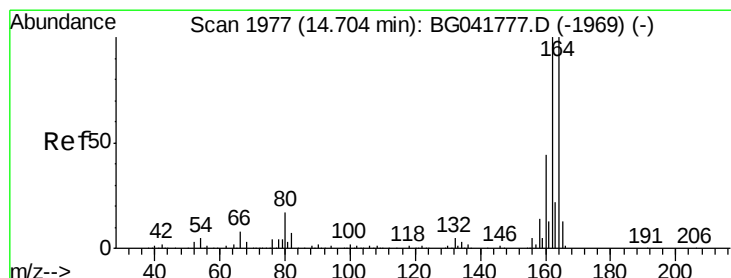
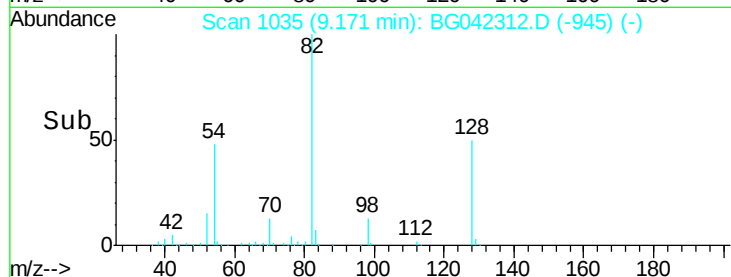
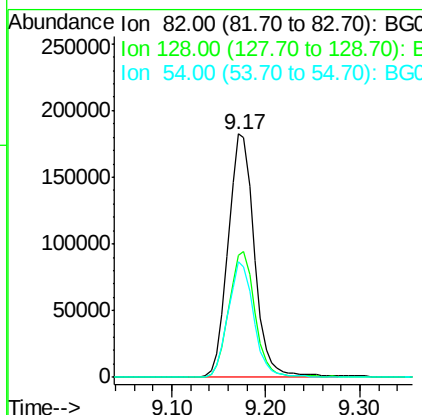
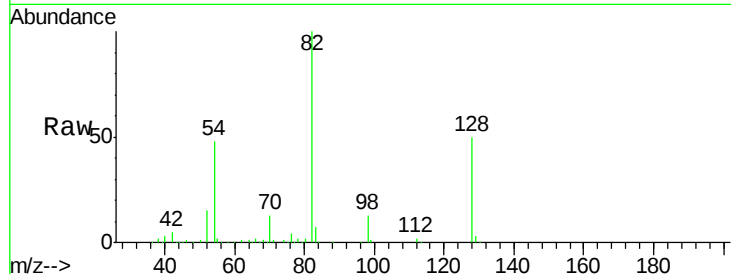




#23
 Nitrobenzene-d5
 Concen: 106.466 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG042312.D
 Acq: 18 Aug 2019 7:29

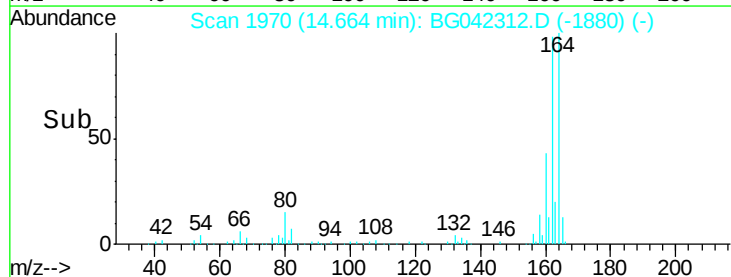
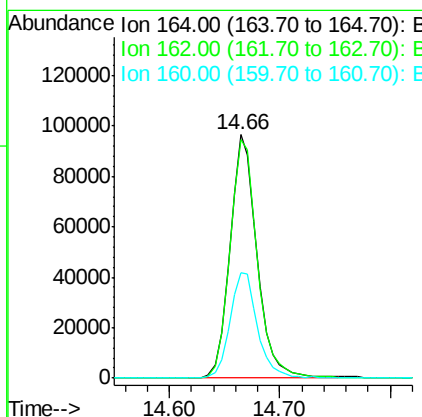
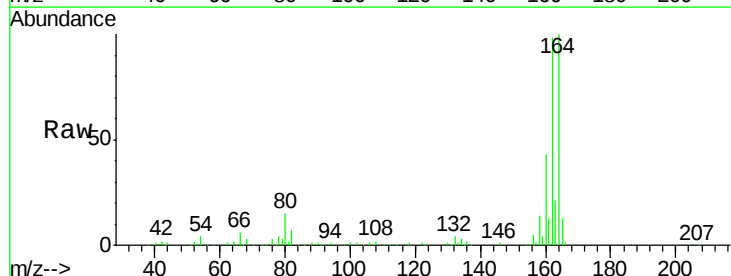
Instrument :
 BNA_G
 ClientSampled :
 TP-19

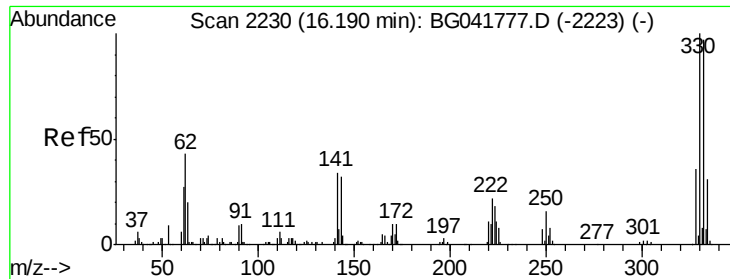
Tot Ion	82	Resp	355612
Ion Ratio	Lower	Upper	
82	100		
128	50.3	35.1	52.7
54	47.6	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG042312.D
 Acq: 18 Aug 2019 7:29

Tgt Ion	164	Resp	165134
Ion Ratio	Lower	Upper	
164	100		
162	98.2	79.6	119.4
160	43.3	35.4	53.0

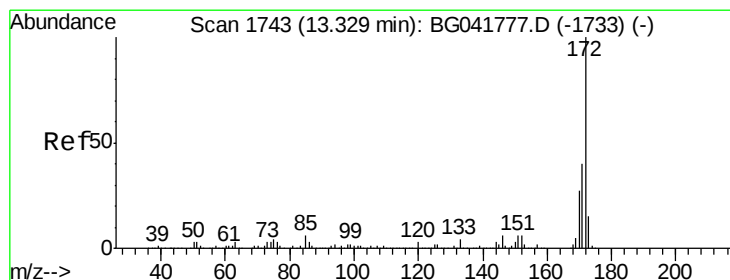
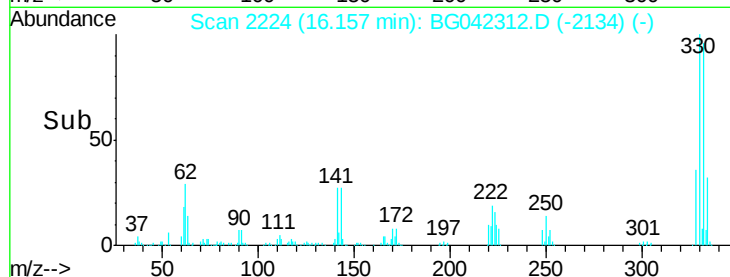
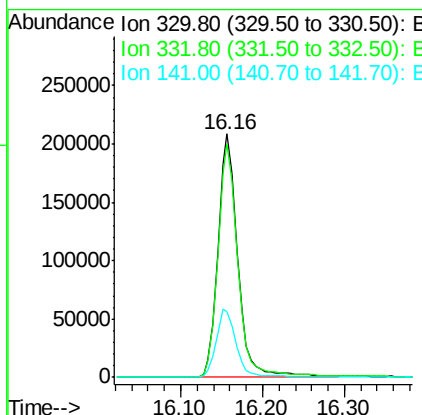
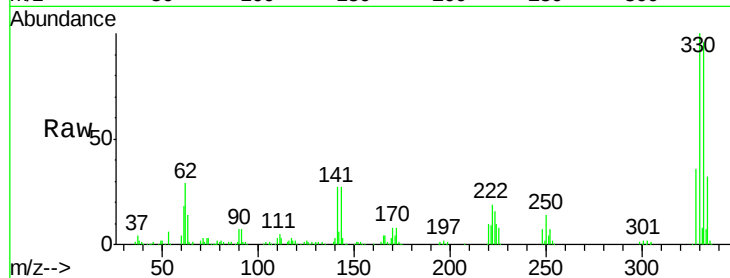




#42
 2,4,6-Tribromophenol
 Concen: 188.616 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042312.D
 Acq: 18 Aug 2019 7:29

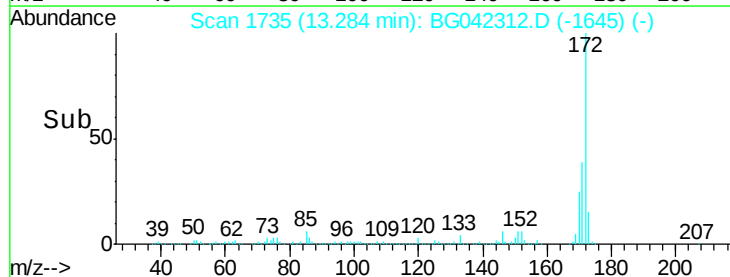
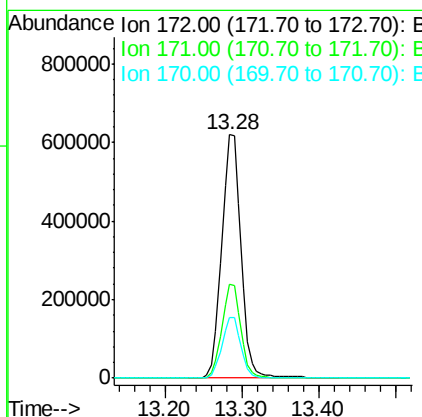
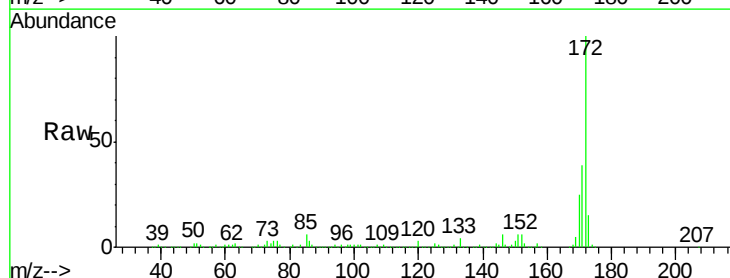
Instrument :
 BNA_G
 ClientSampled :
 TP-19

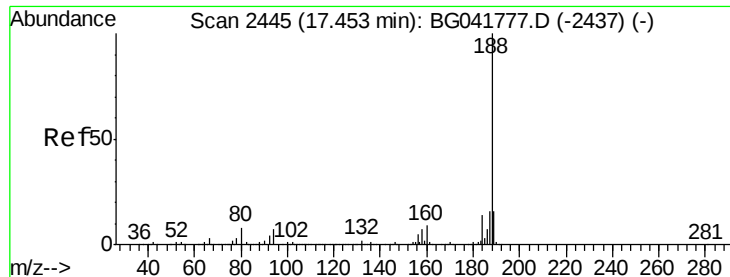
Tot Ion:330 Resp: 353787
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.0
 141 28.6 31.9 47.9#



#45
 2-Fluorobiphenyl
 Concen: 115.360 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042312.D
 Acq: 18 Aug 2019 7:29

Tgt Ion:172 Resp: 1080097
 Ion Ratio Lower Upper
 172 100
 171 38.7 35.0 52.4
 170 25.1 23.5 35.3

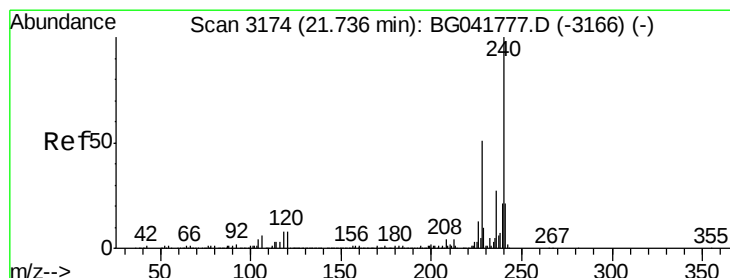
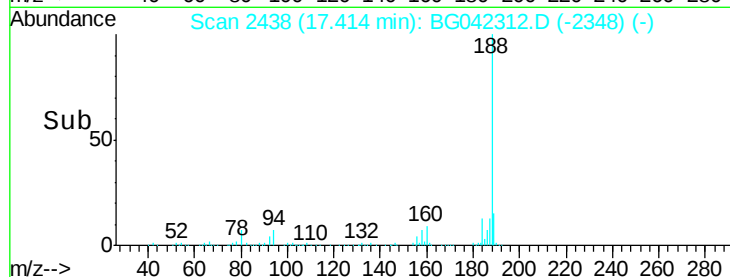
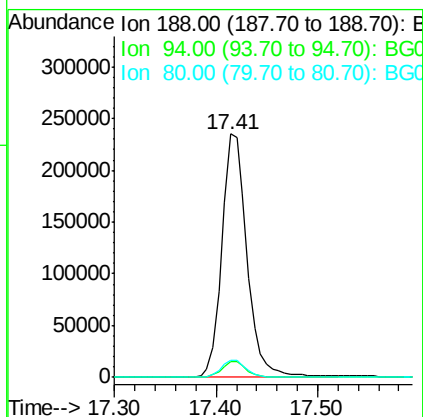
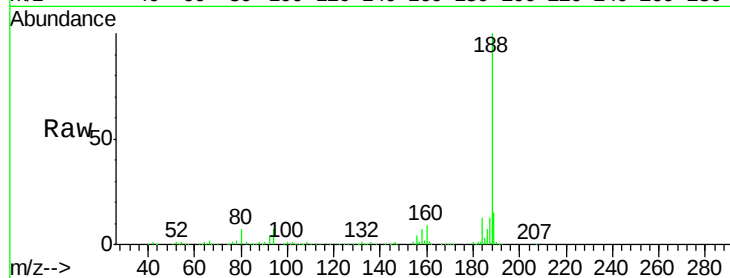




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042312.D
Acq: 18 Aug 2019 7:29

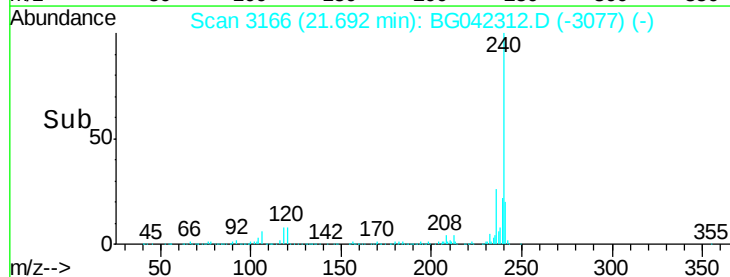
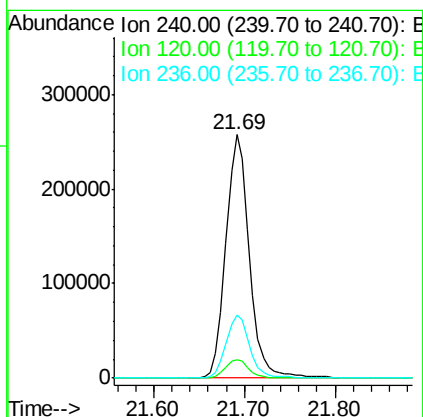
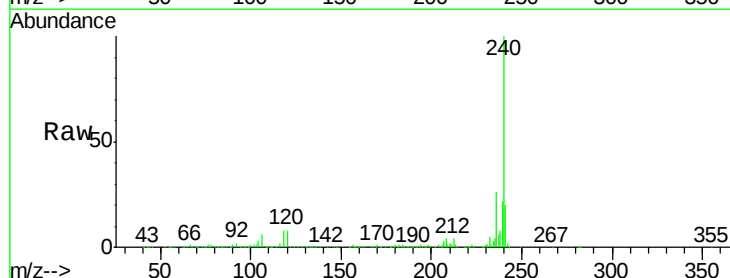
Instrument :
BNA_G
ClientSampleId :
TP-19

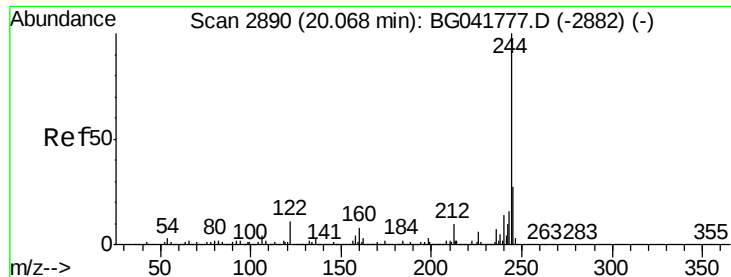
Tot Ion:188 Resp: 405701
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.1 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042312.D
Acq: 18 Aug 2019 7:29

Tgt Ion:240 Resp: 462186
Ion Ratio Lower Upper
240 100
120 7.8 8.0 12.0#
236 25.9 22.6 33.8





#79

Terphenyl-d14

Concen: 103.205 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

Instrument :

BNA_G

ClientSampleId :

TP-19

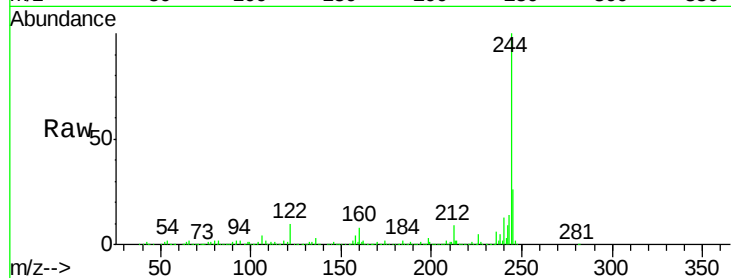
Tot Ion:244 Resp: 2084551

Ion	Ratio	Lower	Upper
244	100		
212	8.9	9.7	14.5#
122	10.3	12.5	18.7#

244 100

212 8.9 9.7 14.5#

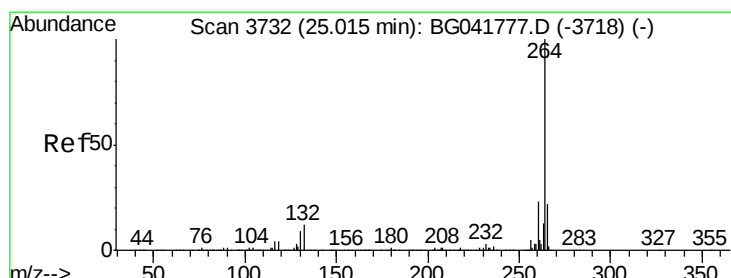
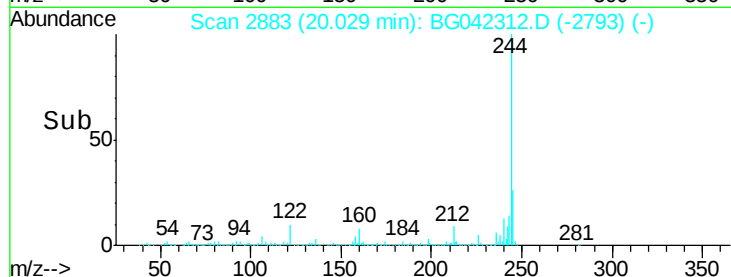
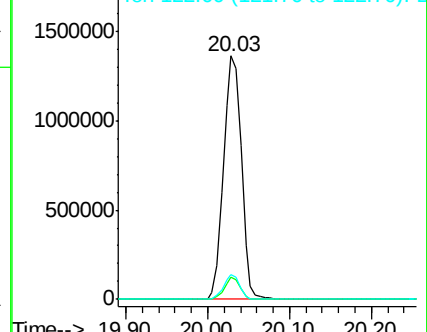
122 10.3 12.5 18.7#



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042312.D

Acq: 18 Aug 2019 7:29

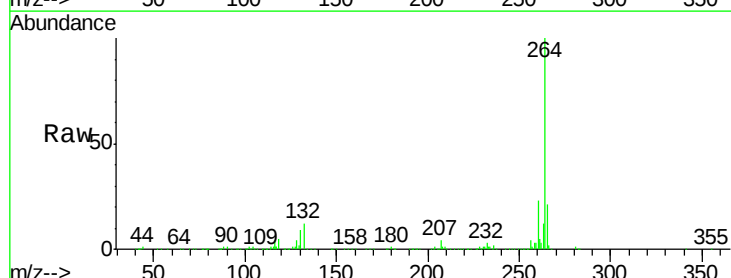
Tgt Ion:264 Resp: 518333

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.5	18.0	27.0

264 100

260 23.1 19.5 29.3

265 21.5 18.0 27.0



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

