

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
 Data File : BG041654.D
 Acq On : 15 Jul 2019 18:16
 Operator : HP/JU
 Sample : K3626-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-071119-B

Quant Time: Jul 16 08:01:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	101435	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	406254	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	257488	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	615745	20.00	ng	0.00
76) Chrysene-d12	21.66	240	604138	20.00	ng	0.00
87) Perylene-d12	24.85	264	668870	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	714490	115.15	ng	0.00
7) Phenol-d6	7.20	99	907090	108.69	ng	0.00
23) Nitrobenzene-d5	9.21	82	665653	99.65	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	441149	152.02	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1575942	94.78	ng	0.00
79) Terphenyl-d14	20.01	244	2366957	91.56	ng	0.00

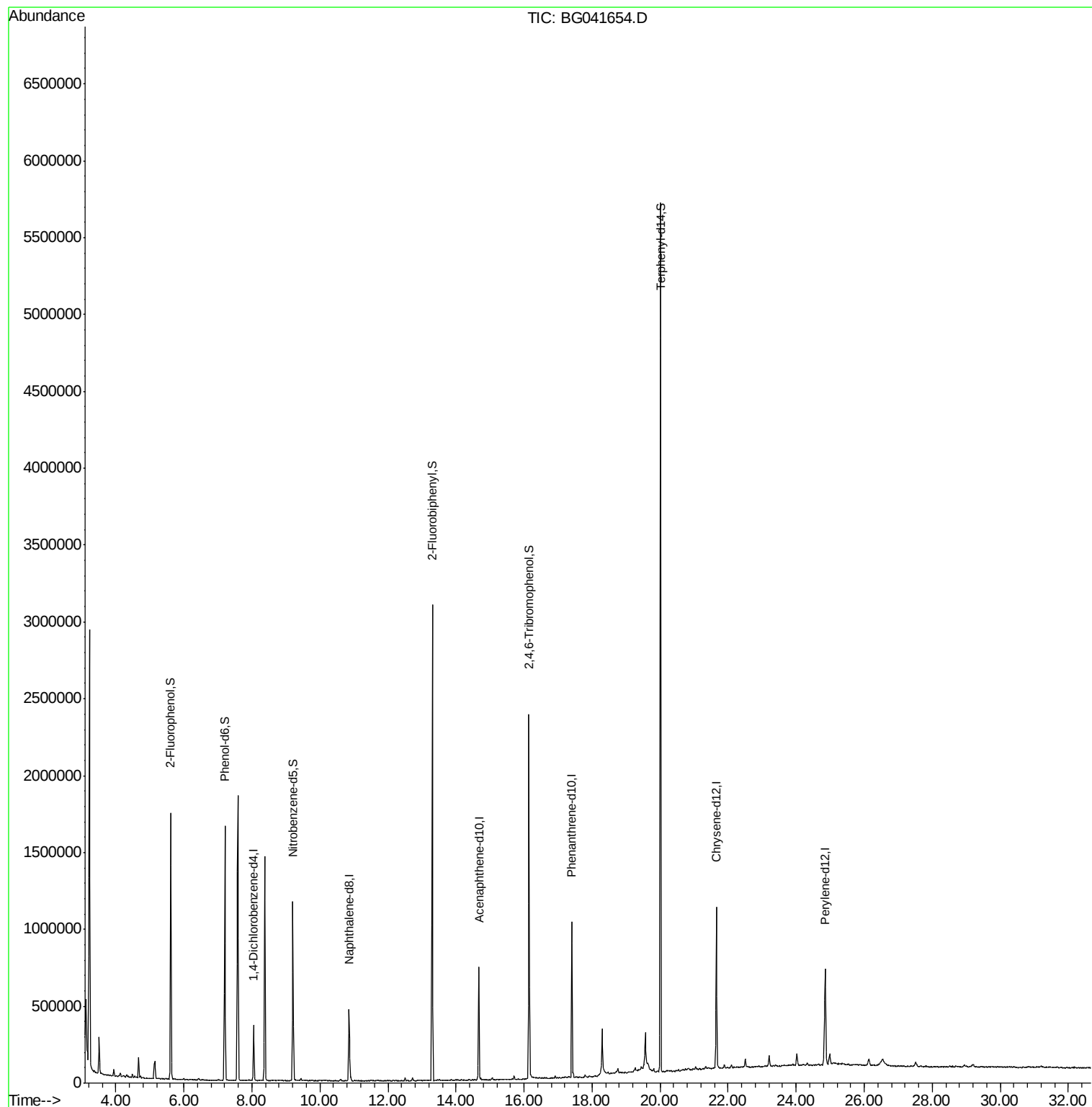
Target Compounds Qvalue

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

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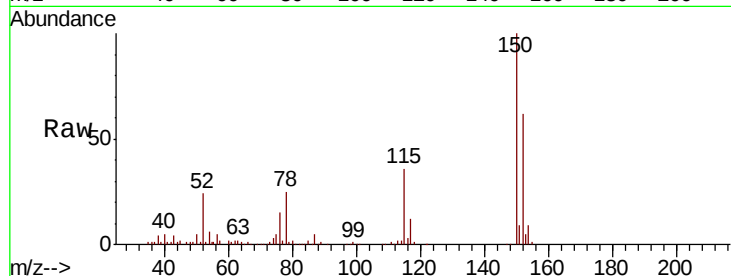


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041654.D
Acq: 15 Jul 2019 18:16

Instrument :
BNA_G
ClientSampleId :
SU-04-071119-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.9	190.3
115	58.3	45.0	67.6

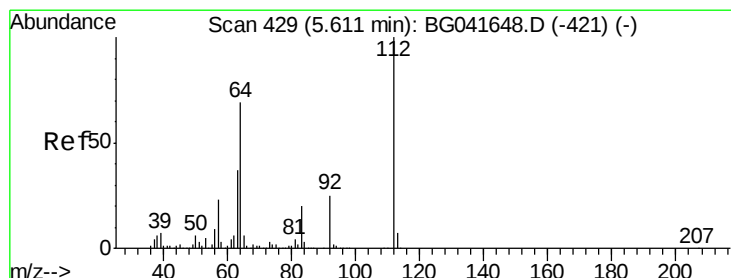
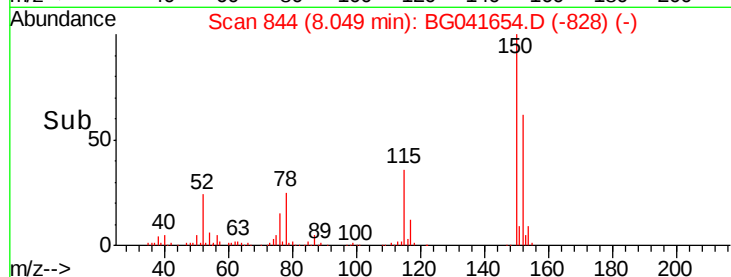
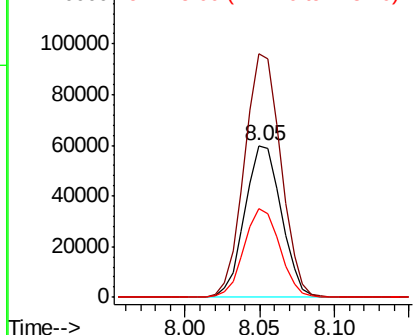


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

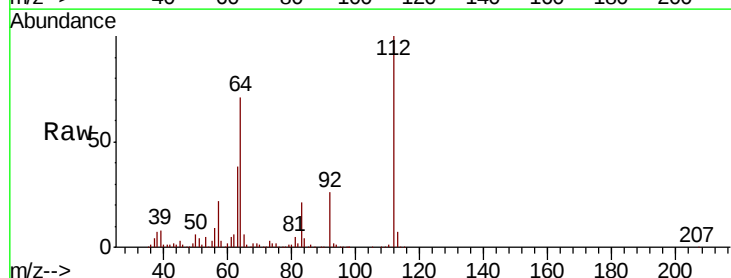
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.149 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG041654.D
Acq: 15 Jul 2019 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	55.4	83.2
63	37.9	29.1	43.7

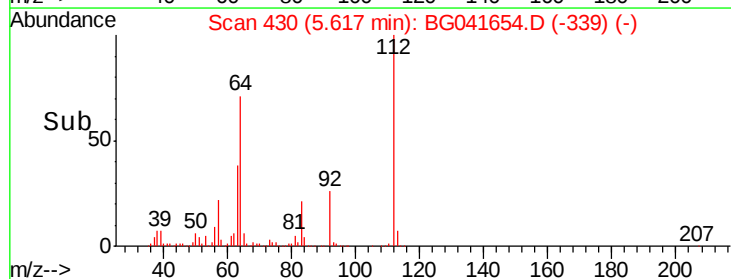
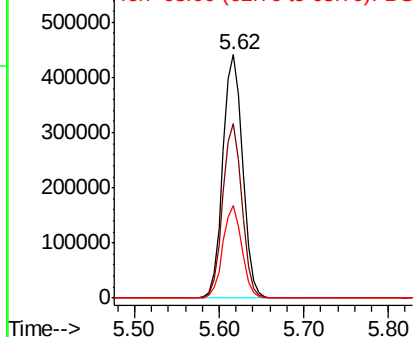


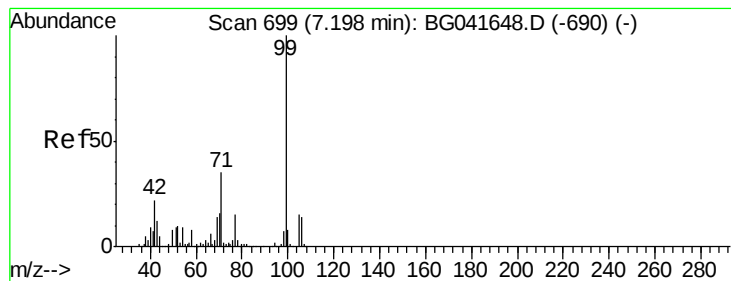
Abundance

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: 108.687 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041654.D

Acq: 15 Jul 2019 18:16

Instrument :

BNA_G

ClientSampled :

SU-04-071119-B

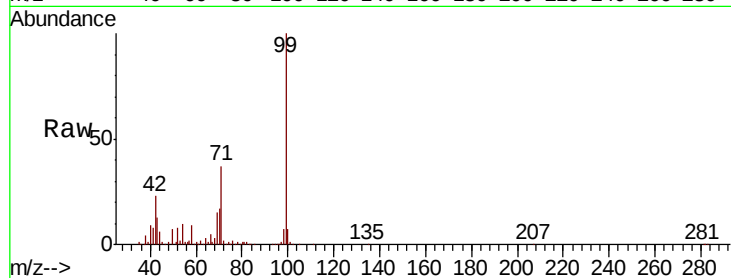
Tot Ion: 99 Resp: 907090

Ion Ratio Lower Upper

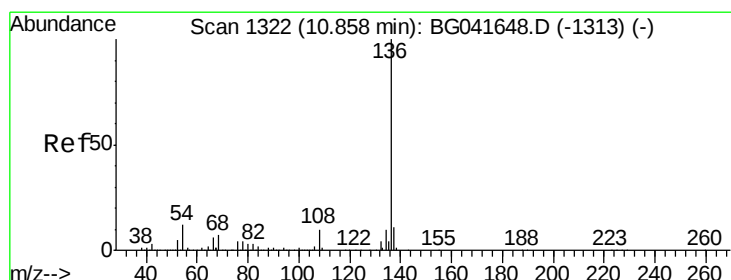
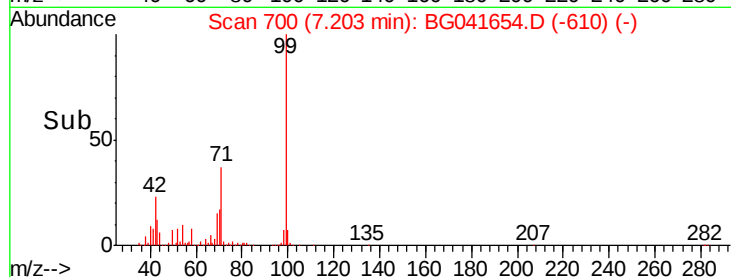
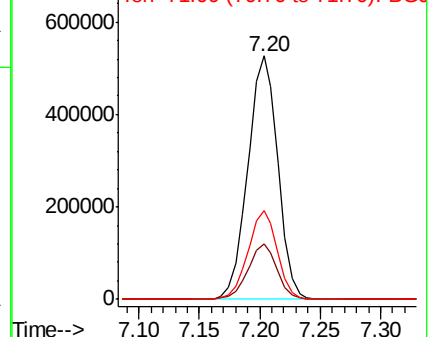
99 100

42 22.7 17.6 26.4

71 36.6 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: 10.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BG041654.D

Acq: 15 Jul 2019 18:16

Tgt Ion: 136 Resp: 406254

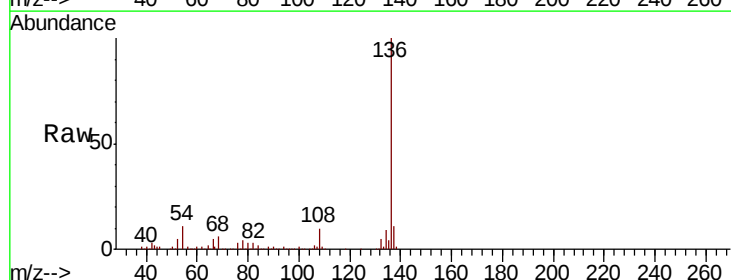
Ion Ratio Lower Upper

136 100

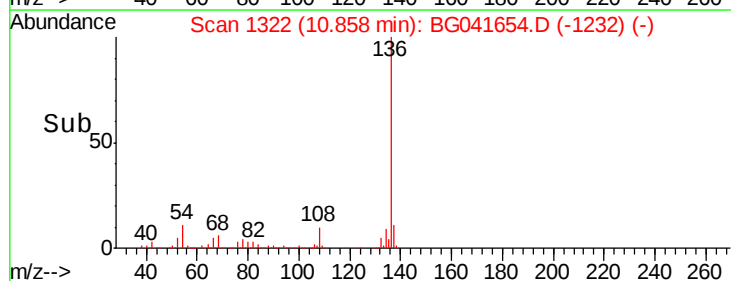
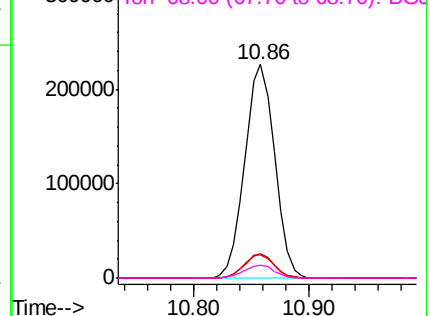
137 11.1 9.2 13.8

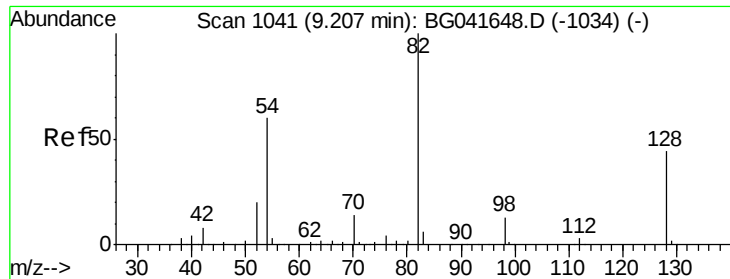
54 10.9 8.7 13.1

68 6.3 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

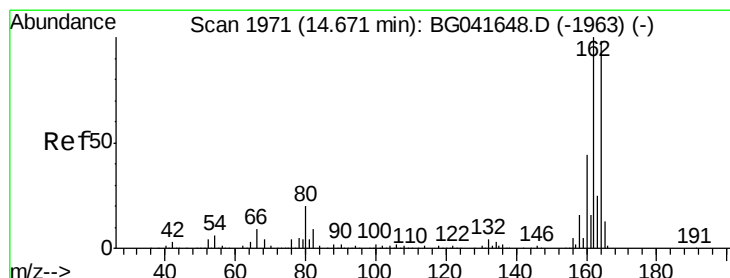
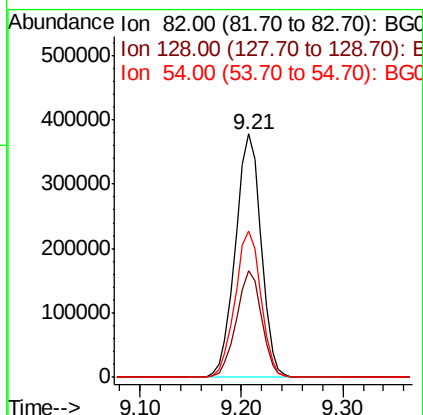
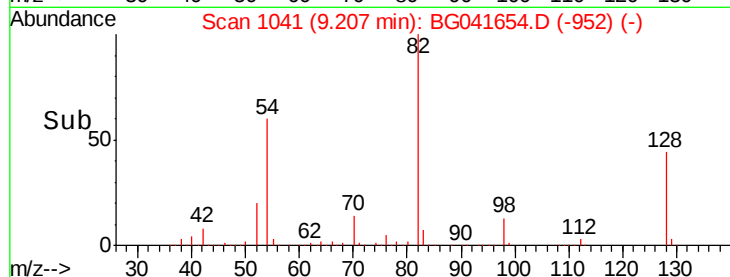
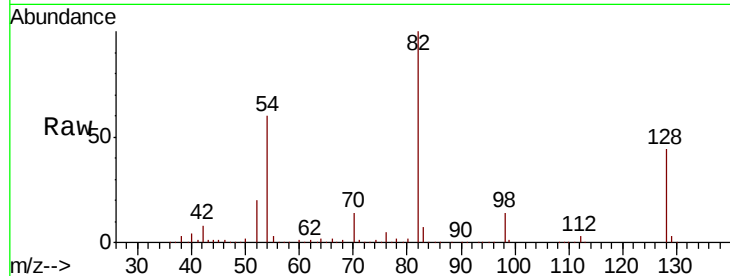




#23
Nitrobenzene-d5
Concen: 99.646 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041654.D
Acq: 15 Jul 2019 18:16

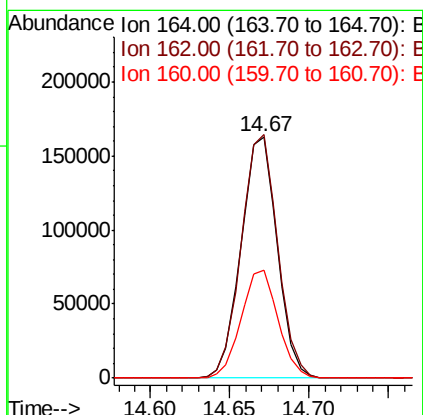
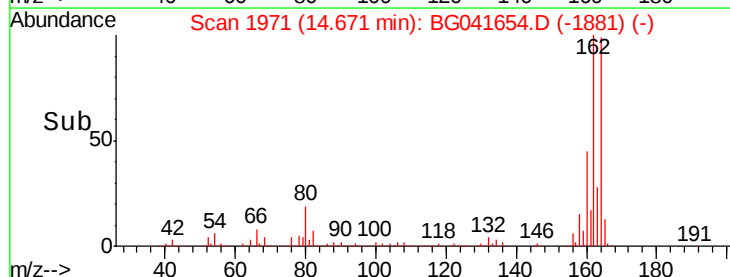
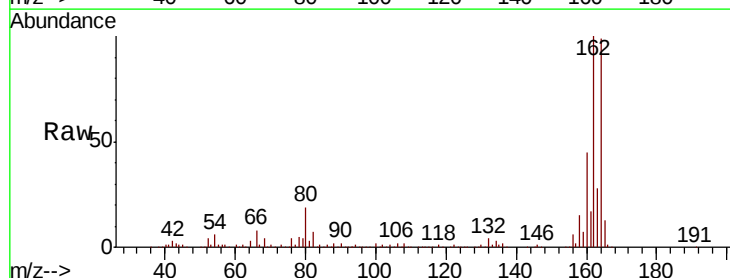
Instrument :
BNA_G
ClientSampleId :
SU-04-071119-B

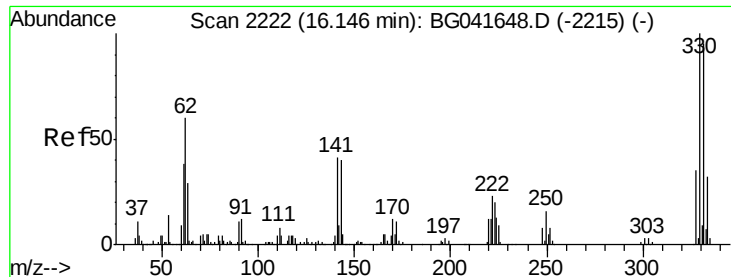
Tot Ion: 82 Resp: 665653
Ion Ratio Lower Upper
82 100
128 44.0 35.1 52.7
54 60.1 48.7 73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG041654.D
Acq: 15 Jul 2019 18:16

Tgt Ion: 164 Resp: 257488
Ion Ratio Lower Upper
164 100
162 101.0 79.6 119.4
160 45.0 35.4 53.0

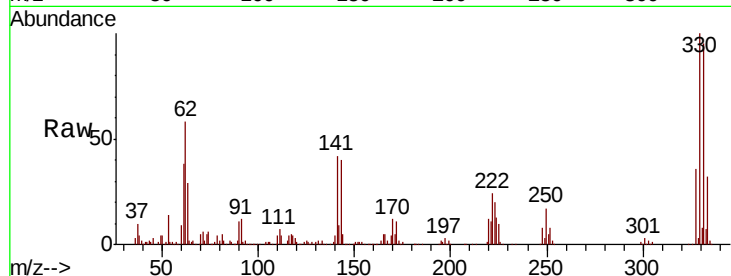




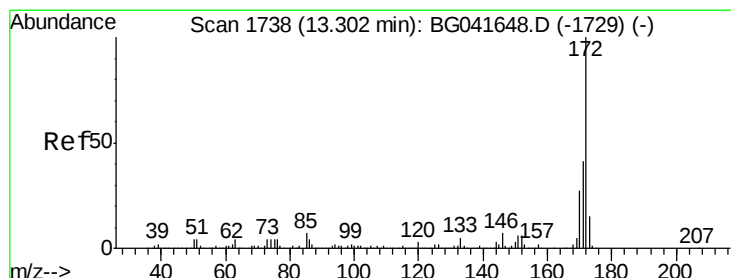
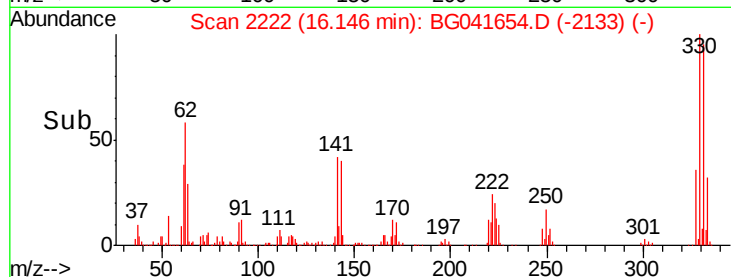
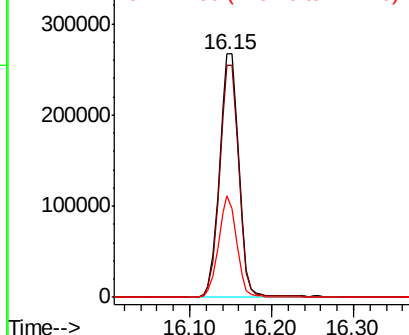
#42
 2,4,6-Tribromophenol
 Concen: 152.023 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG041654.D
 Acq: 15 Jul 2019 18:16

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-071119-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.0
141	39.1	31.9	47.9

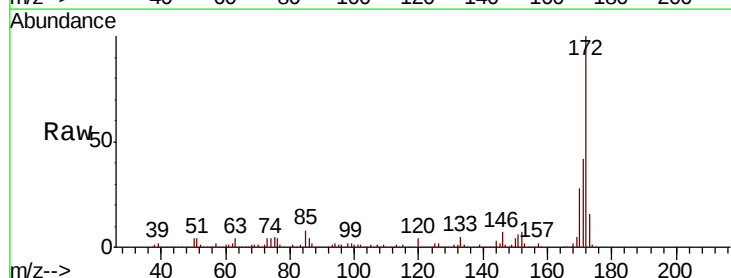


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

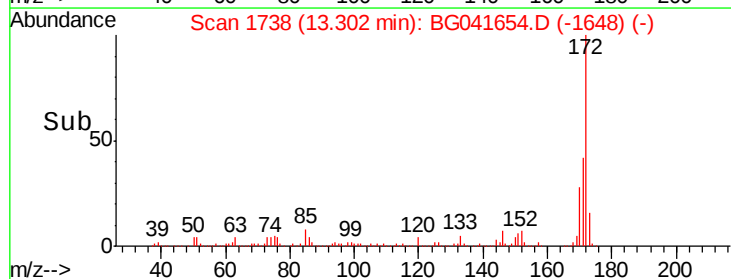
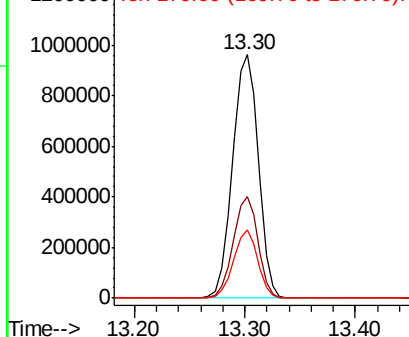


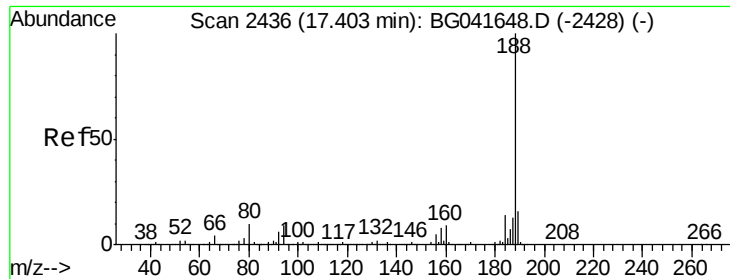
#45
 2-Fluorobiphenyl
 Concen: 94.775 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG041654.D
 Acq: 15 Jul 2019 18:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.5	35.0	52.4
170	28.2	23.5	35.3



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

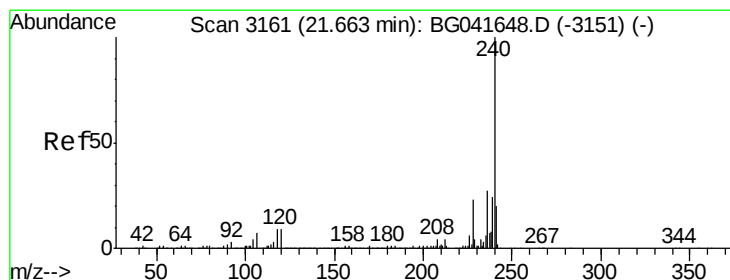
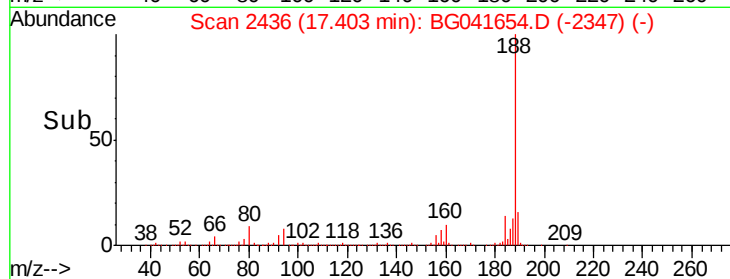
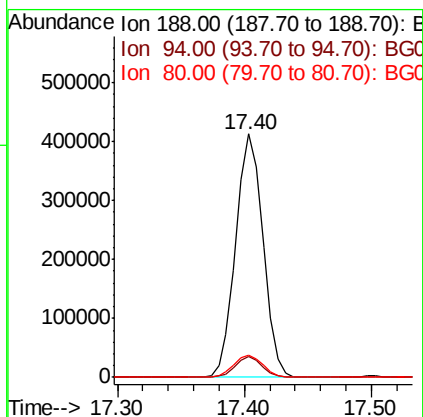
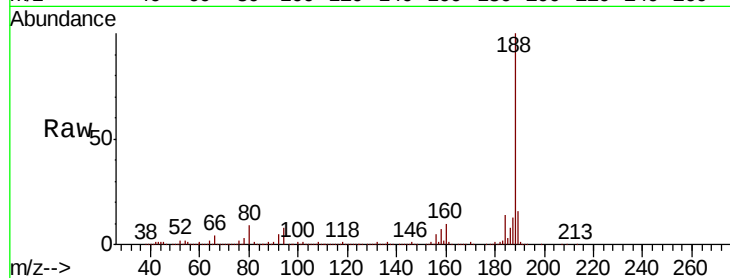




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG041654.D
Acq: 15 Jul 2019 18:16

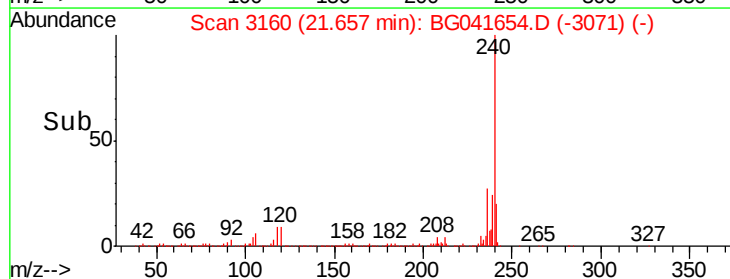
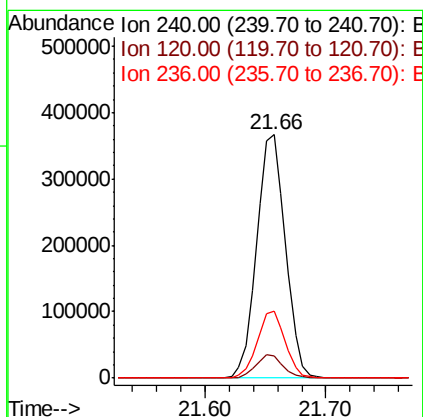
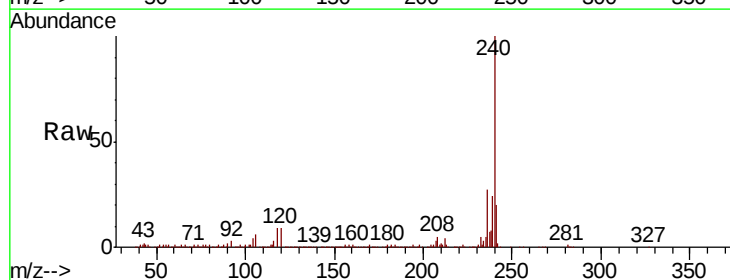
Instrument :
BNA_G
ClientSampleId :
SU-04-071119-B

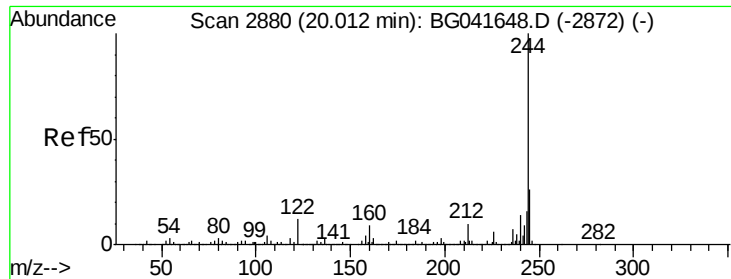
Tot Ion:188 Resp: 615745
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.3 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG041654.D
Acq: 15 Jul 2019 18:16

Tgt Ion:240 Resp: 604138
Ion Ratio Lower Upper
240 100
120 9.2 8.0 12.0
236 27.3 22.6 33.8





#79

Terphenyl-d14

Concen: 91.557 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG041654.D

Acq: 15 Jul 2019 18:16

Instrument :

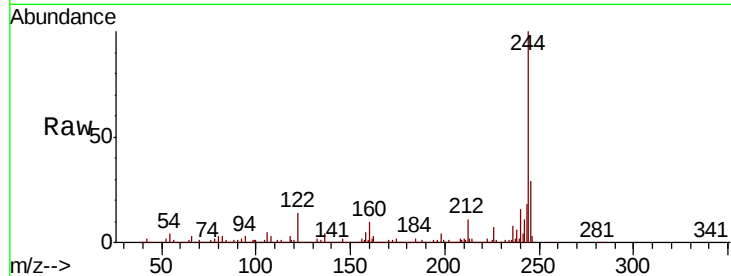
BNA_G

ClientSampleId :

SU-04-071119-B

Tot Ion:244 Resp: 2366957

Ion	Ratio	Lower	Upper
244	100		
212	11.1	9.7	14.5
122	13.5	12.5	18.7

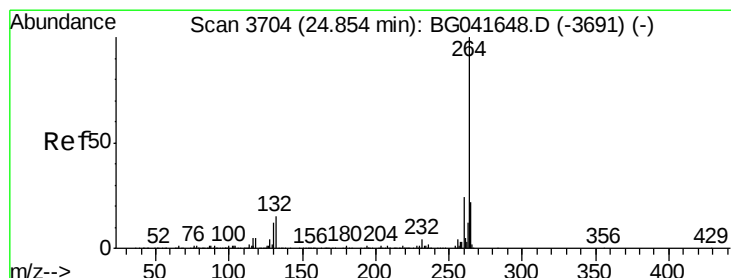
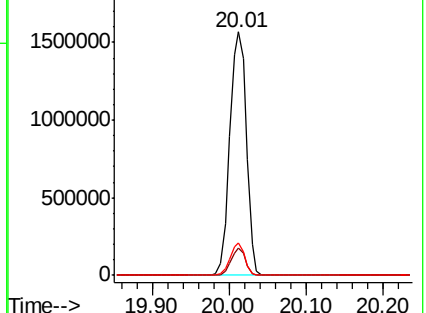
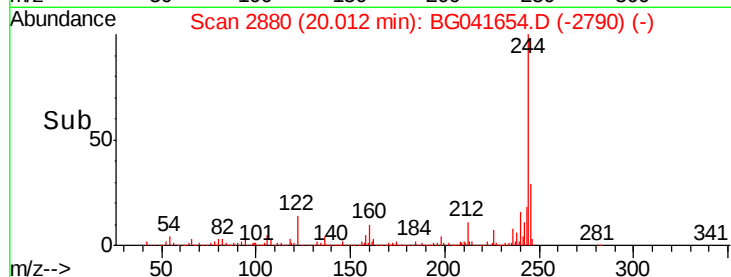


Abundance

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: 24.85 min Scan# 3704

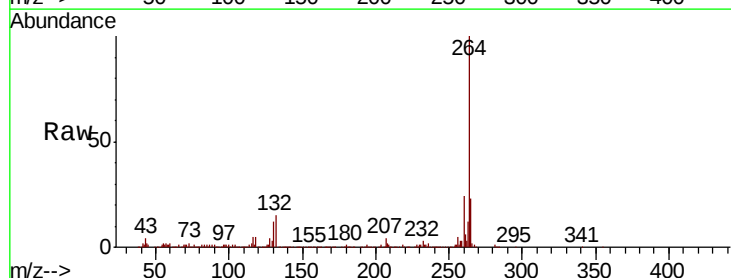
Delta R.T. -0.01 min

Lab File: BG041654.D

Acq: 15 Jul 2019 18:16

Tgt Ion:264 Resp: 668870

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.9	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

