

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042304.D
 Acq On : 18 Aug 2019 2:22
 Operator : HP/JU
 Sample : K4238-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-18

Quant Time: Aug 19 07:57:34 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	61830	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	231026	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	167191	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	409536	20.00	ng	0.00
76) Chrysene-d12	21.69	240	466335	20.00	ng	0.00
87) Perylene-d12	24.94	264	526054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	400301	125.96	ng	0.00
7) Phenol-d6	7.17	99	483396	112.83	ng	0.00
23) Nitrobenzene-d5	9.17	82	353592	105.33	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	368807	194.20	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1098091	115.84	ng	0.00
79) Terphenyl-d14	20.04	244	2135723	104.80	ng	0.00

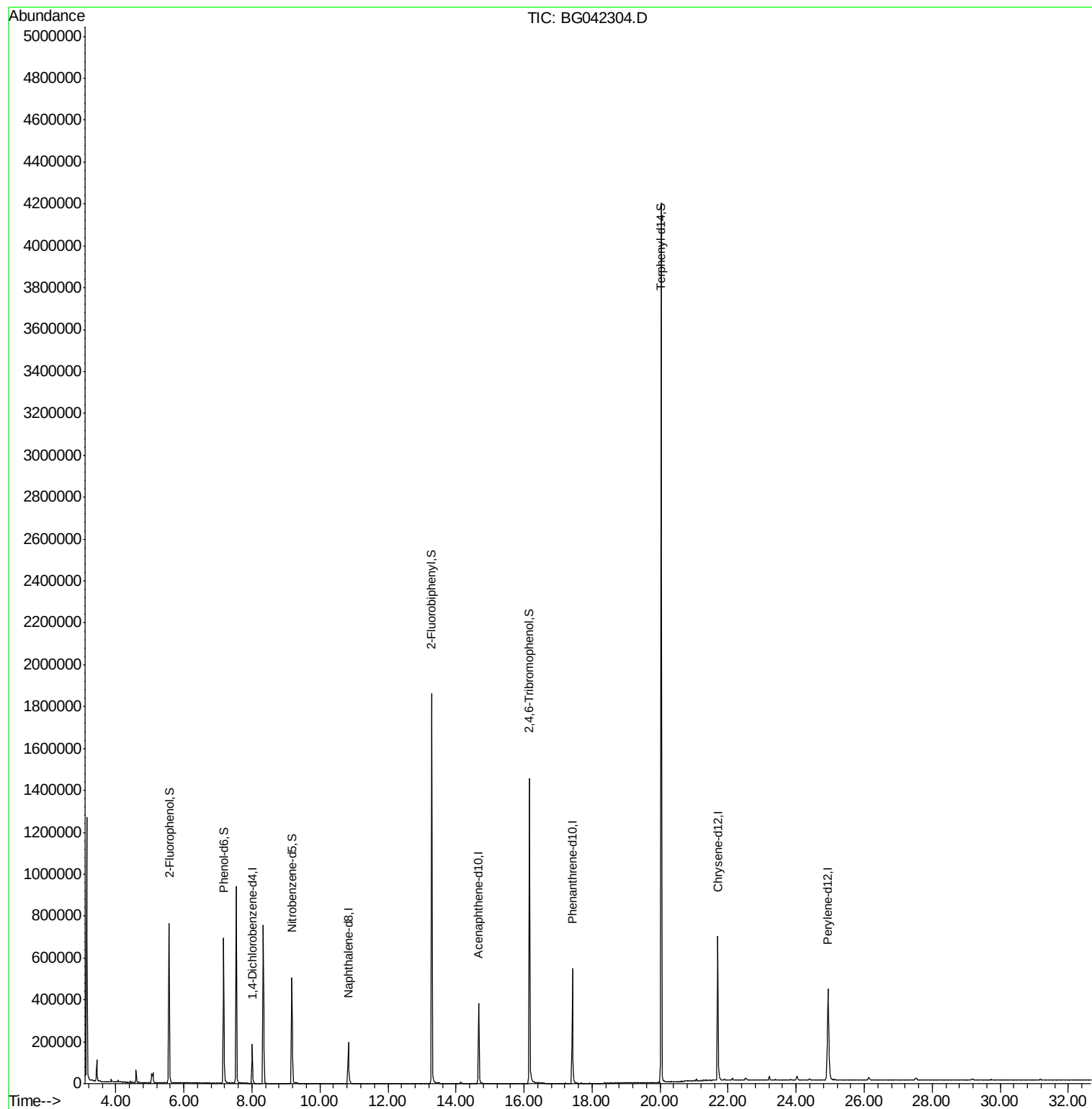
Target Compounds Qvalue

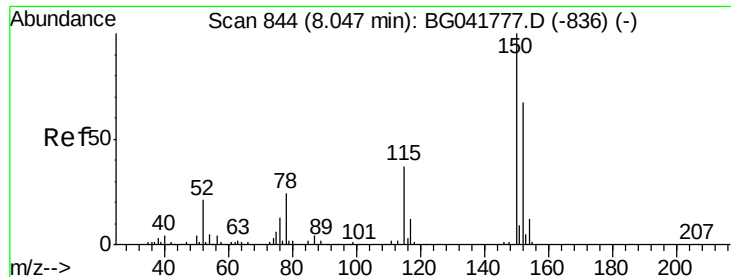
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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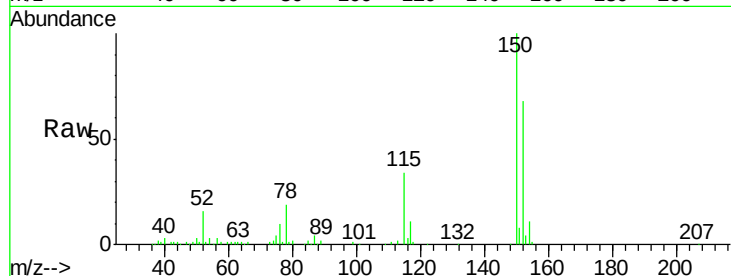


#1

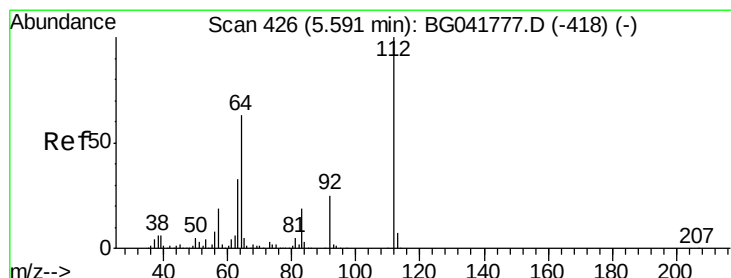
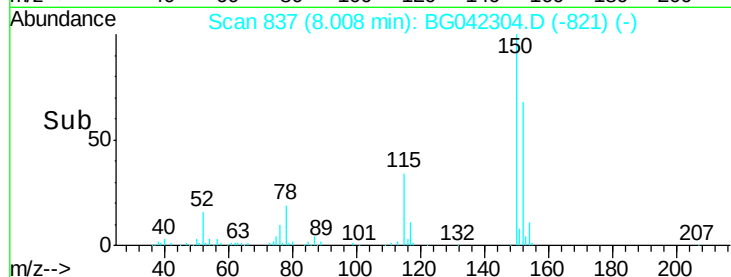
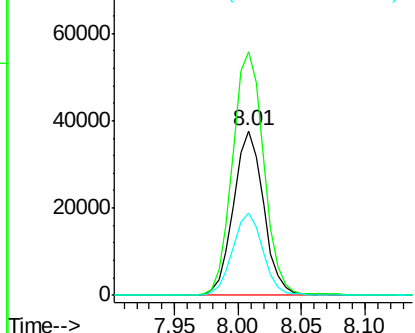
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042304.D
Acq: 18 Aug 2019 2:22

Instrument :
BNA_G
ClientSampleId :
TP-18

Tot Ion:152 Resp: 61830
Ion Ratio Lower Upper
152 100
150 147.9 126.9 190.3
115 49.9 45.0 67.6



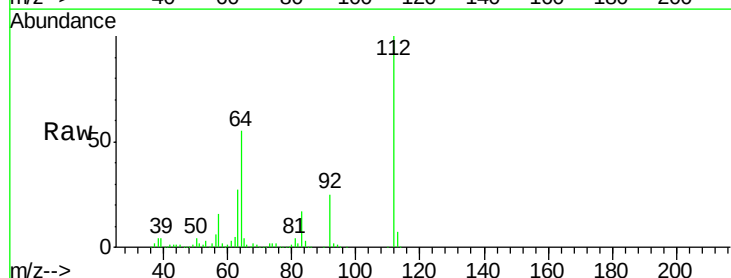
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



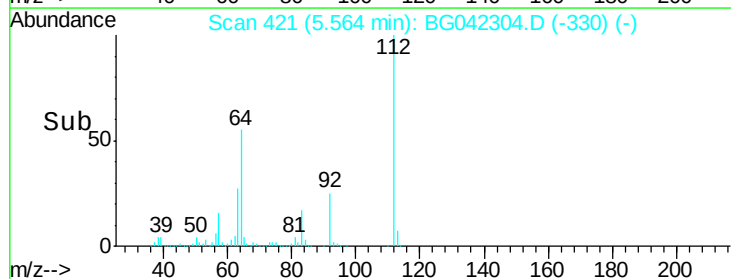
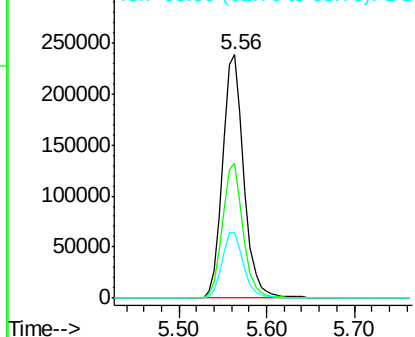
#5

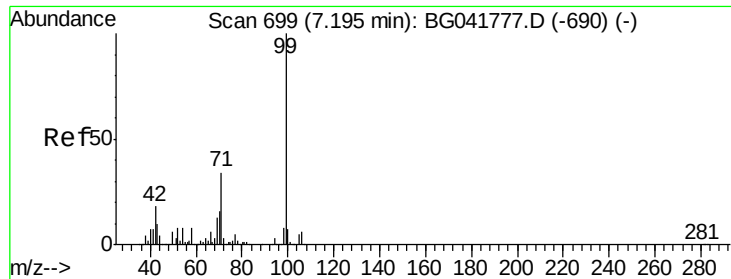
2-Fluorophenol
Concen: 125.964 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042304.D
Acq: 18 Aug 2019 2:22

Tgt Ion:112 Resp: 400301
Ion Ratio Lower Upper
112 100
64 55.3 55.4 83.2#
63 26.9 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: 112.829 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042304.D

Acq: 18 Aug 2019 2:22

Instrument :

BNA_G

ClientSampleId :

TP-18

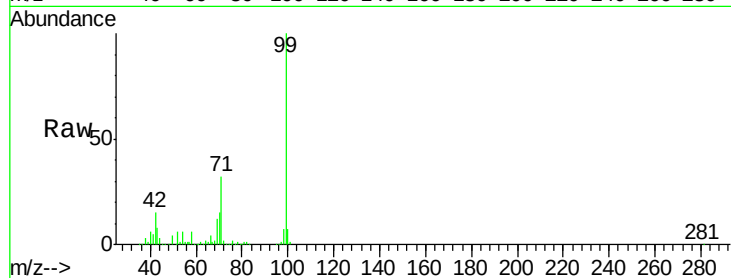
Tot Ion: 99 Resp: 483396

Ion Ratio Lower Upper

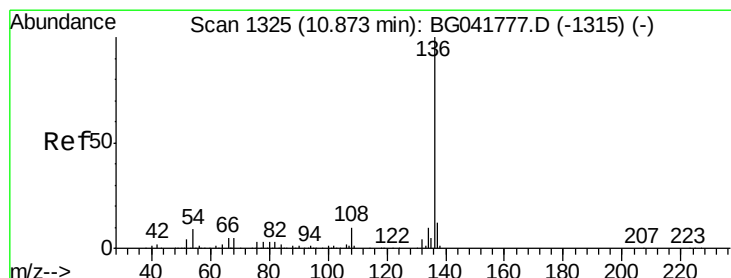
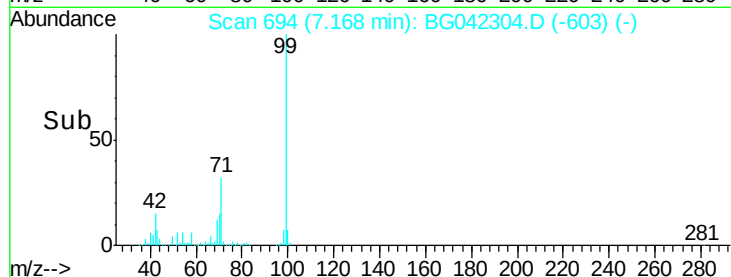
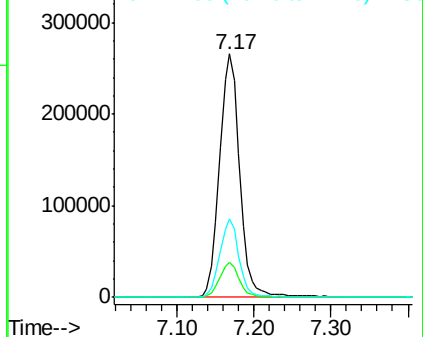
99 100

42 14.6 17.6 26.4#

71 32.1 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: BG042304.D

Acq: 18 Aug 2019 2:22

Tgt Ion: 136 Resp: 231026

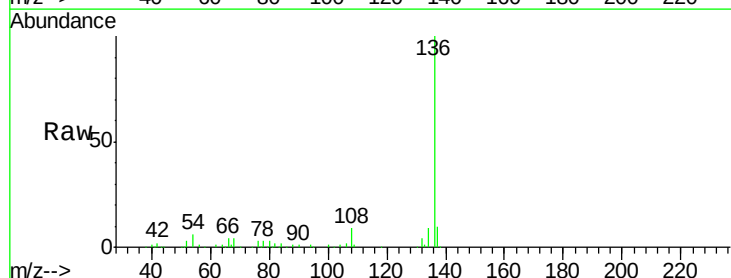
Ion Ratio Lower Upper

136 100

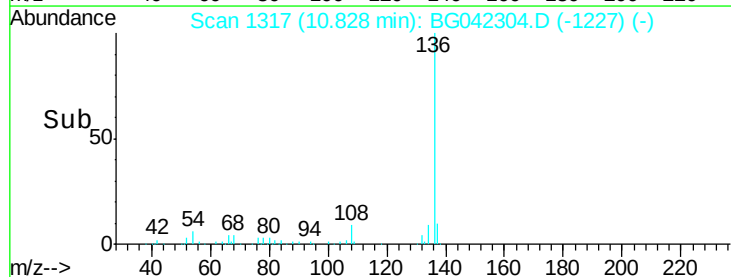
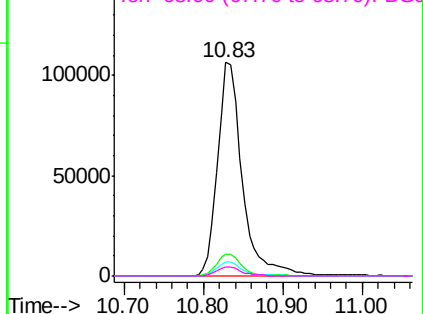
137 10.3 9.2 13.8

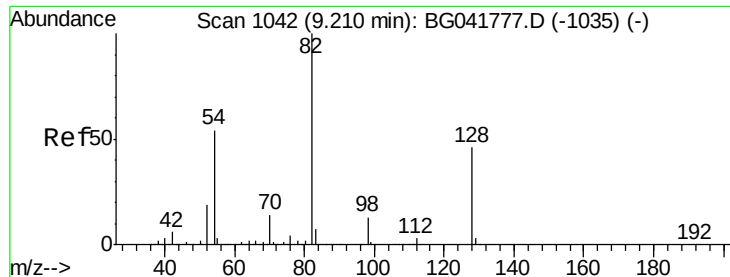
54 6.4 8.7 13.1#

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

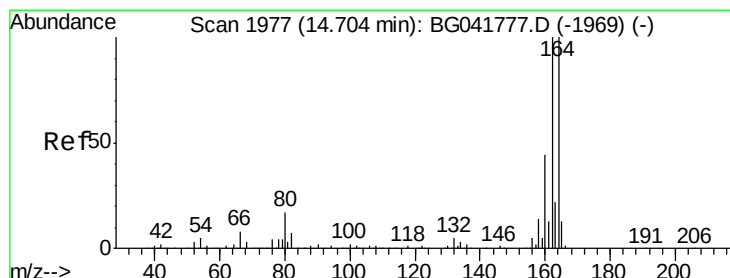
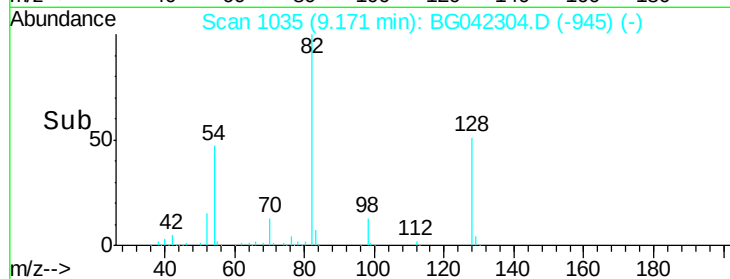
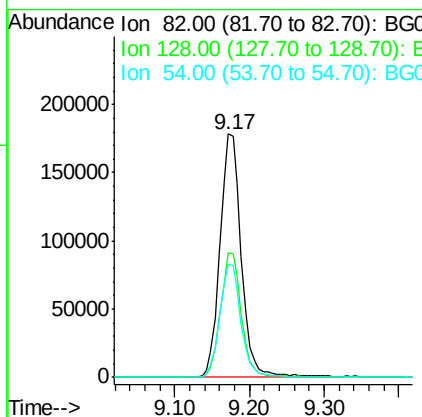
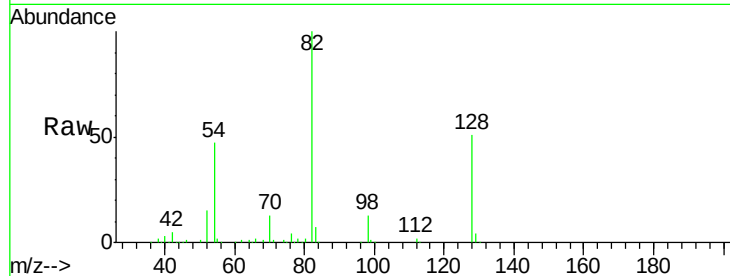




#23
 Nitrobenzene-d5
 Concen: 105.325 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG042304.D
 Acq: 18 Aug 2019 2:22

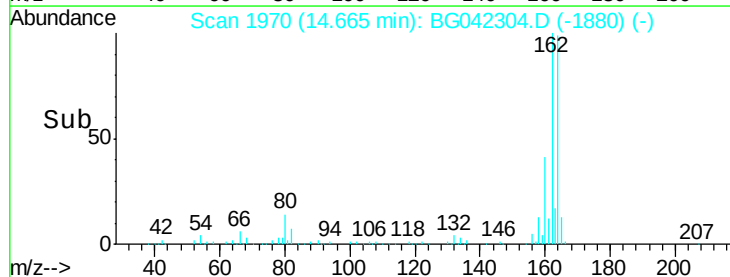
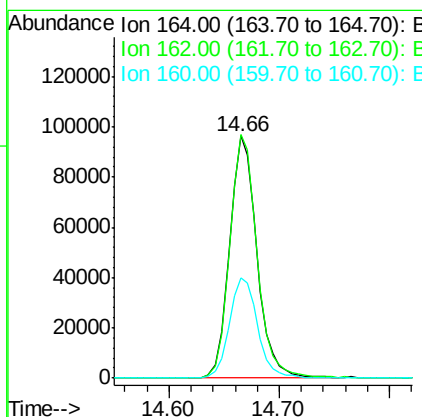
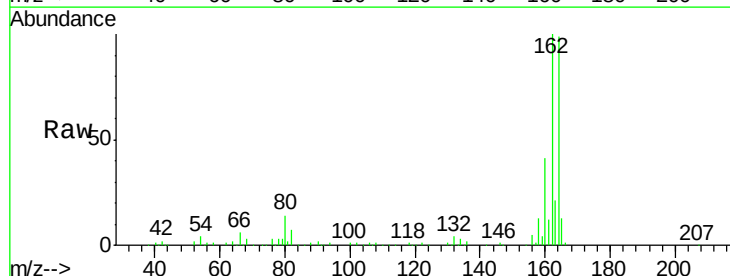
Instrument :
 BNA_G
 ClientSampled :
 TP-18

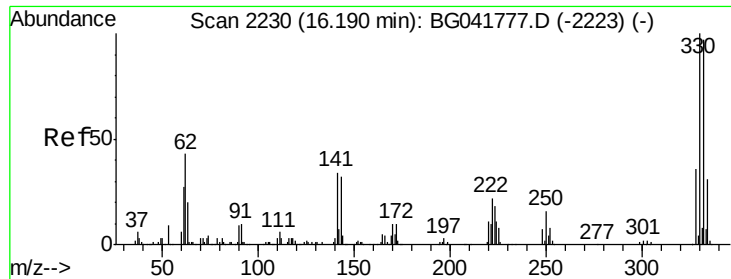
Tot Ion	82	Resp	353592
Ion Ratio	Lower	Upper	
82	100		
128	51.0	35.1	52.7
54	46.6	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG042304.D
 Acq: 18 Aug 2019 2:22

Tgt Ion	164	Resp	167191
Ion Ratio	Lower	Upper	
164	100		
162	100.6	79.6	119.4
160	41.6	35.4	53.0

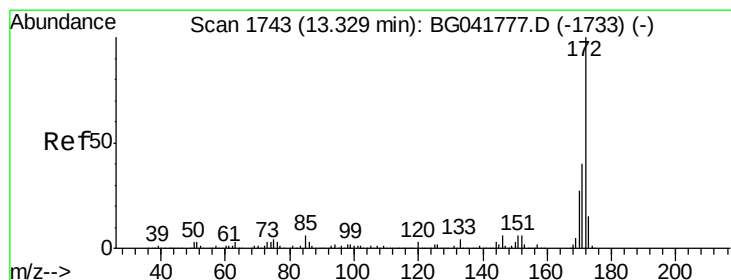
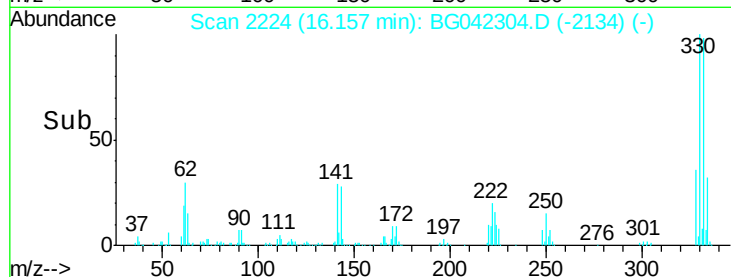
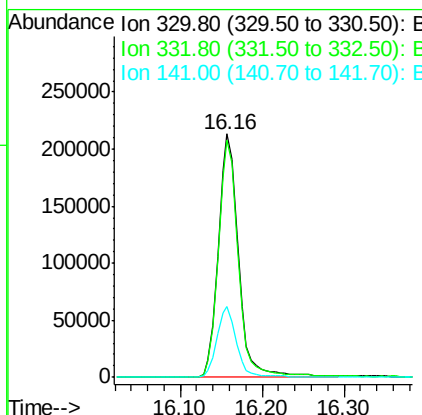
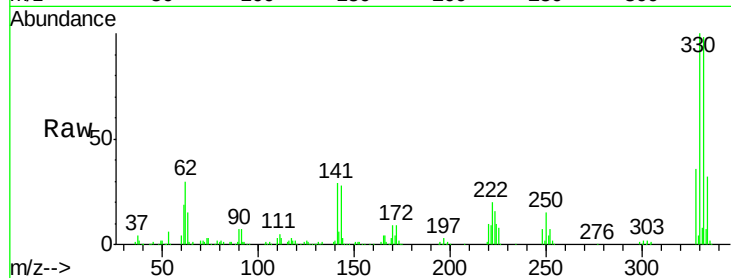




#42
 2,4,6-Tribromophenol
 Concen: 194.205 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042304.D
 Acq: 18 Aug 2019 2:22

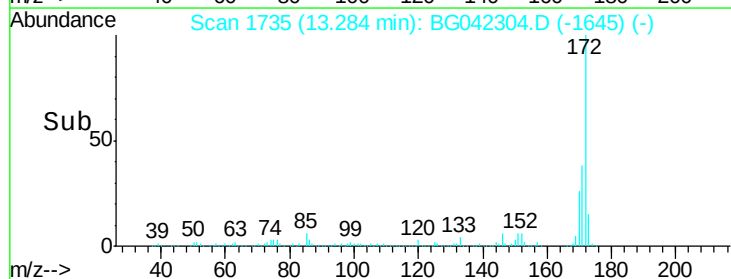
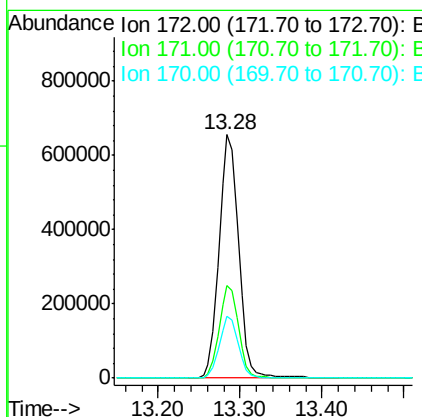
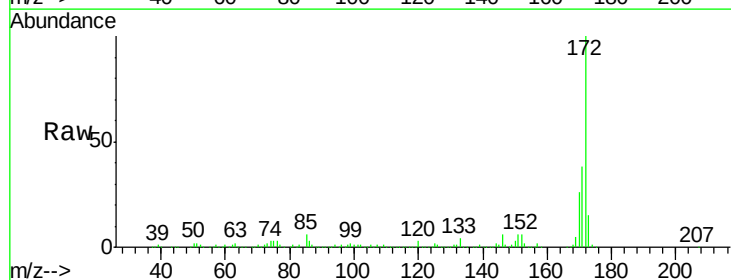
Instrument :
 BNA_G
 ClientSampled :
 TP-18

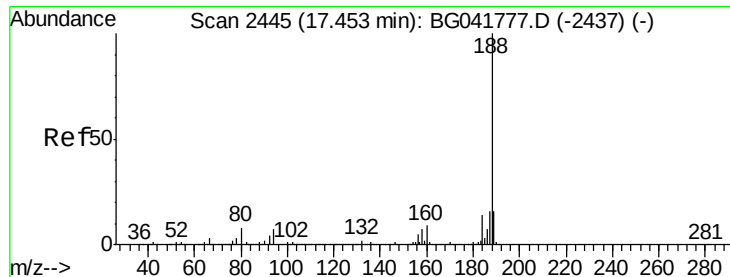
Tot Ion:330 Resp: 368807
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 28.5 31.9 47.9#



#45
 2-Fluorobiphenyl
 Concen: 115.839 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042304.D
 Acq: 18 Aug 2019 2:22

Tgt Ion:172 Resp: 1098091
 Ion Ratio Lower Upper
 172 100
 171 38.1 35.0 52.4
 170 25.5 23.5 35.3

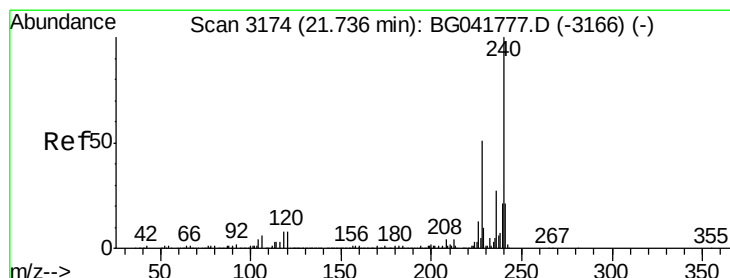
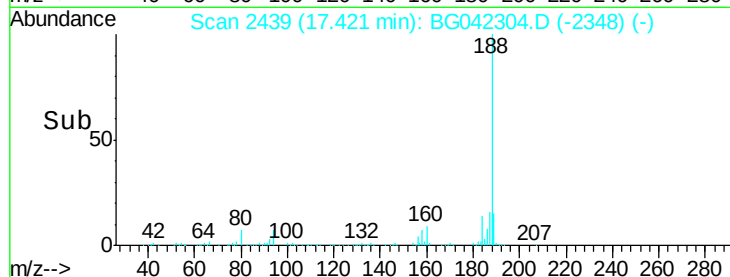
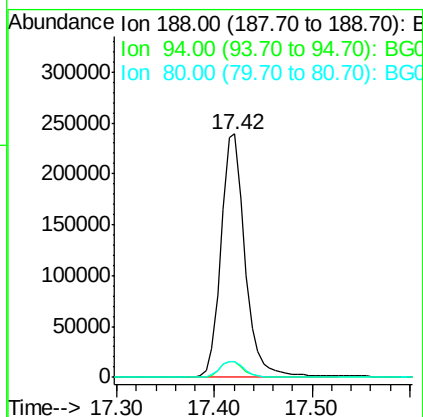
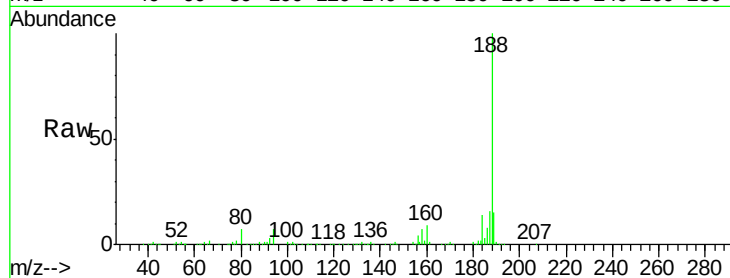




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042304.D
Acq: 18 Aug 2019 2:22

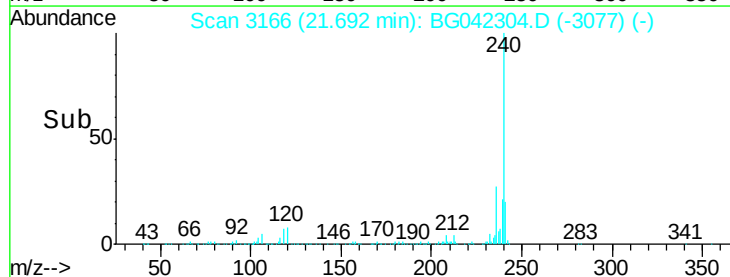
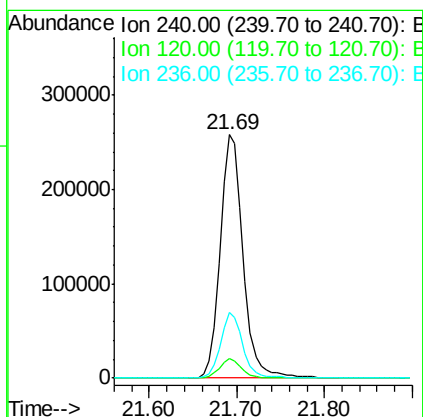
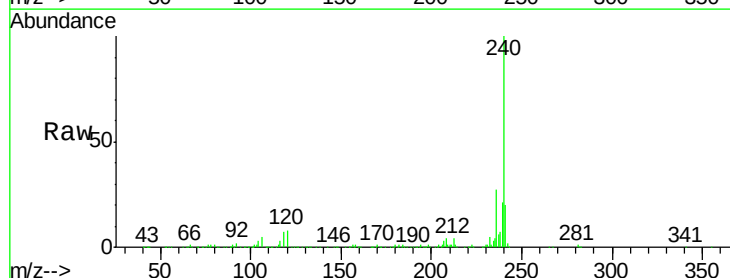
Instrument :
BNA_G
ClientSampleId :
TP-18

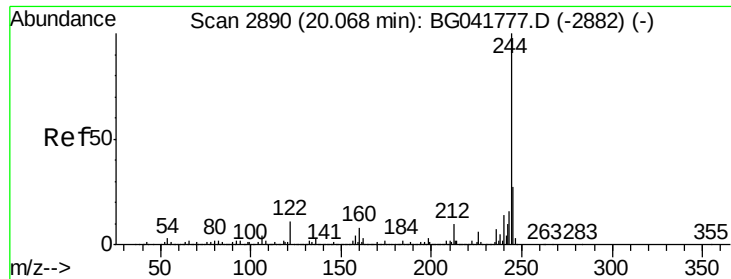
Tot Ion:188 Resp: 409536
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 6.7 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042304.D
Acq: 18 Aug 2019 2:22

Tgt Ion:240 Resp: 466335
Ion Ratio Lower Upper
240 100
120 7.9 8.0 12.0#
236 26.7 22.6 33.8





#79

Terphenyl-d14

Concen: 104.798 ng

RT: 20.04 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042304.D

Acq: 18 Aug 2019 2:22

Instrument :

BNA_G

ClientSampled :

TP-18

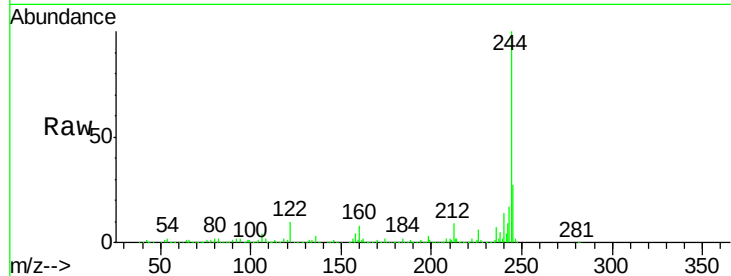
Tot Ion:244 Resp: 2135723

Ion Ratio Lower Upper

244 100

212 9.1 9.7 14.5#

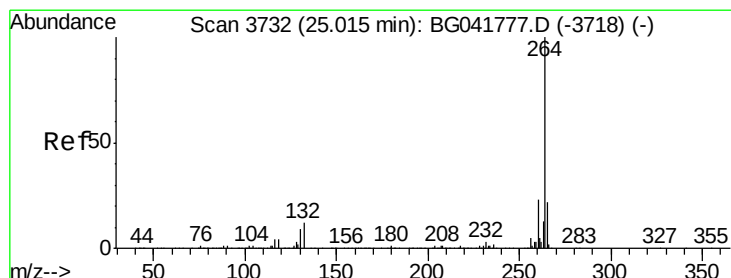
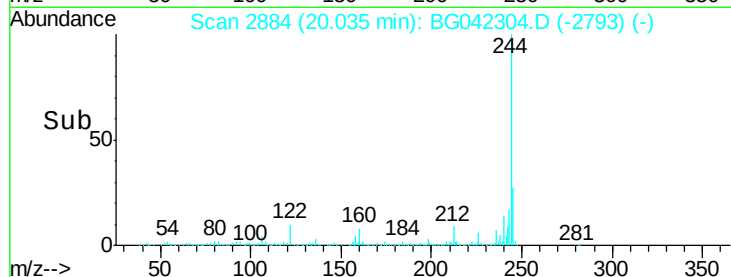
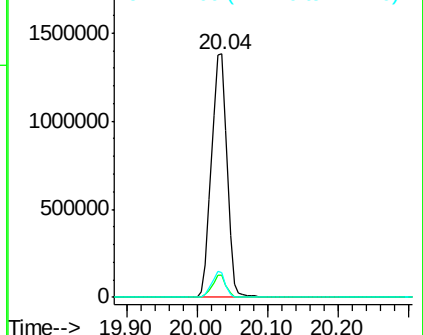
122 10.0 12.5 18.7#



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: 24.94 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042304.D

Acq: 18 Aug 2019 2:22

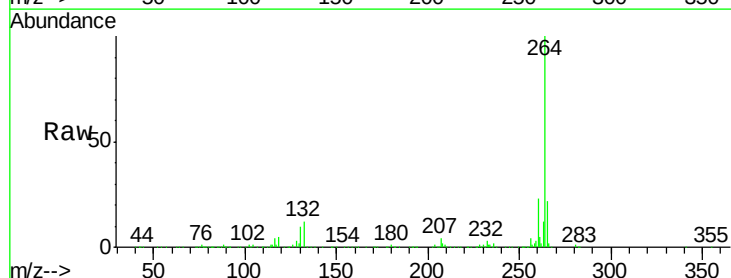
Tgt Ion:264 Resp: 526054

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 22.4 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

