

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042286.D
 Acq On : 17 Aug 2019 12:16
 Operator : HP/JU
 Sample : K4356-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Aug 19 07:17:49 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

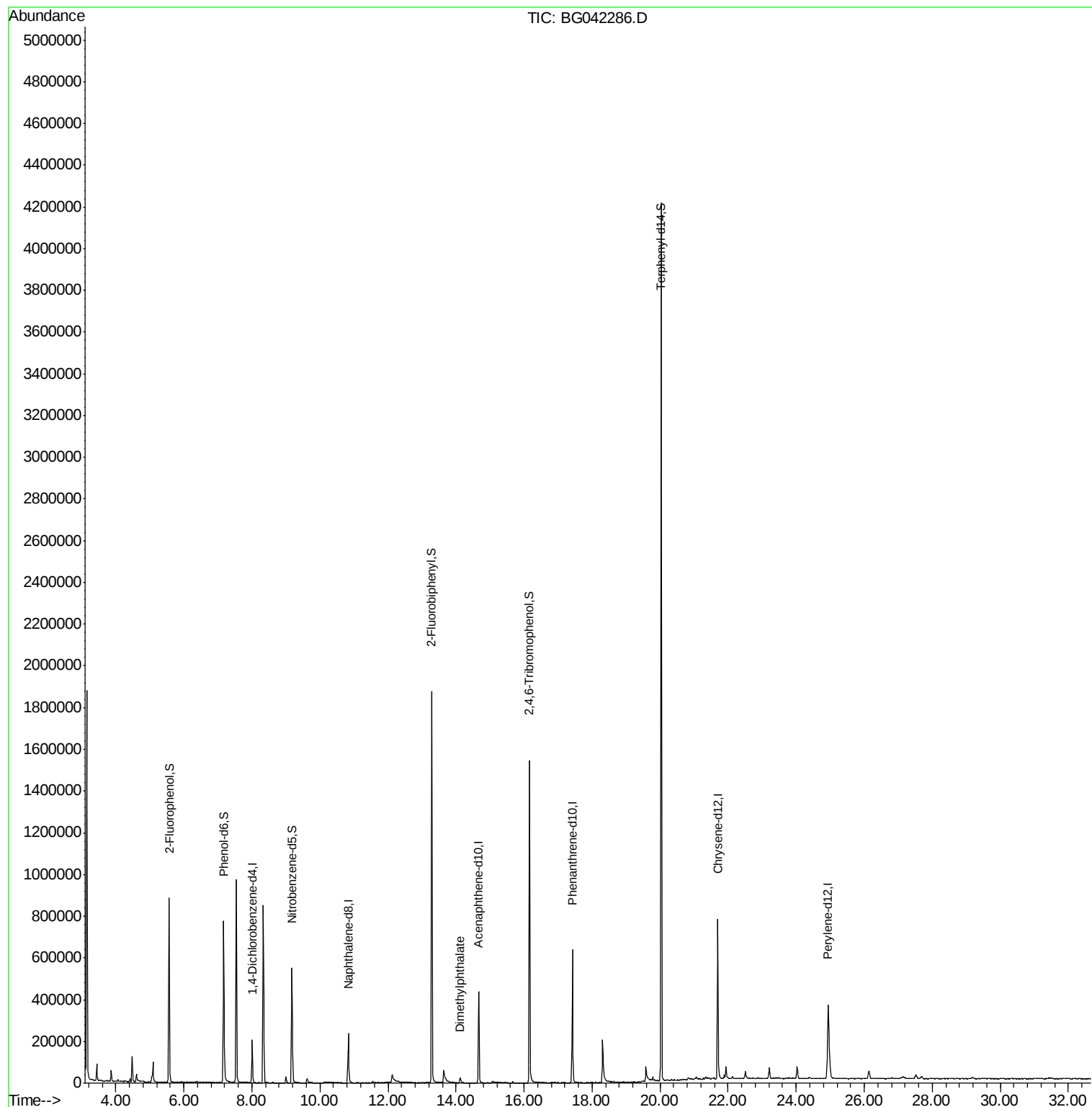
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	68789	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	254706	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	177143	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	448192	20.00	ng	0.00
76) Chrysene-d12	21.70	240	503080	20.00	ng	0.00
87) Perylene-d12	24.94	264	377564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	438022	123.89	ng	0.00
7) Phenol-d6	7.17	99	533747	111.98	ng	0.00
23) Nitrobenzene-d5	9.18	82	368557	99.58	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	380664	189.19	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1116727	111.19	ng	0.00
79) Terphenyl-d14	20.04	244	2094249	95.26	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	29606	2.447	ng	Qvalue 97

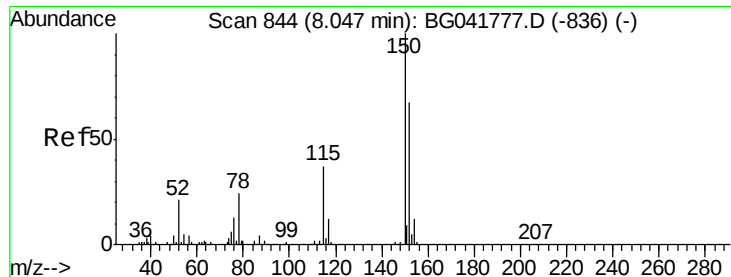
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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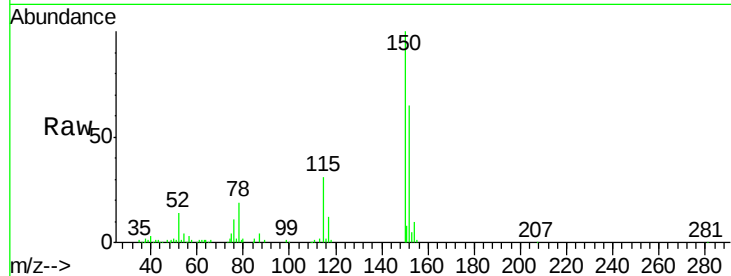


#1

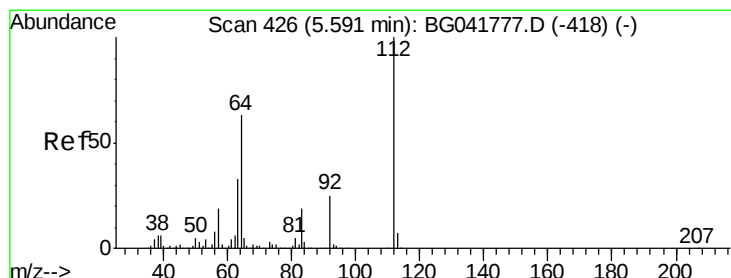
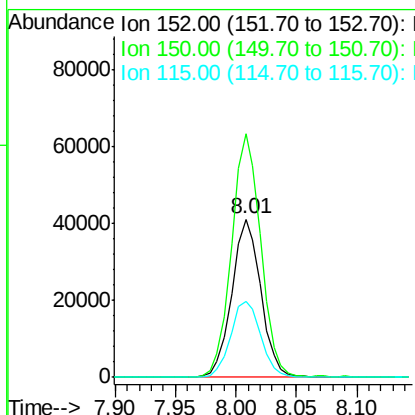
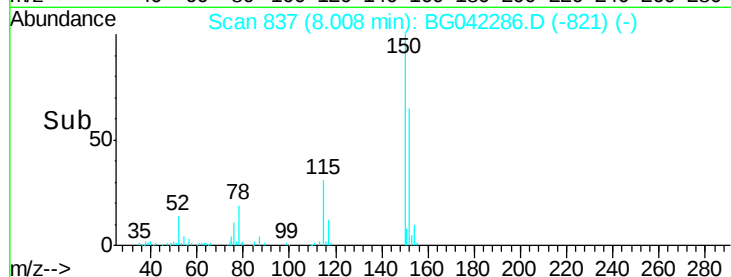
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042286.D
Acq: 17 Aug 2019 12:16

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:152 Resp: 68789
Ion Ratio Lower Upper
152 100
150 153.7 126.9 190.3
115 47.8 45.0 67.6



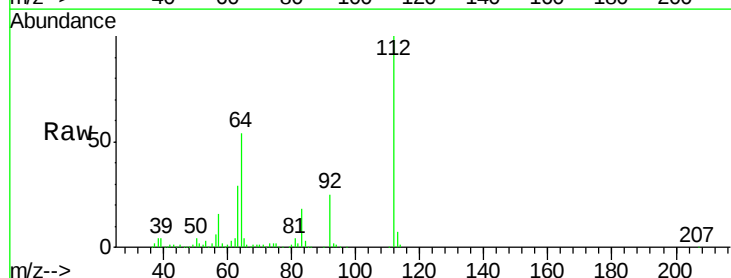
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



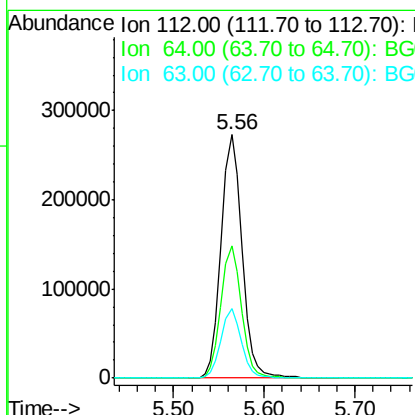
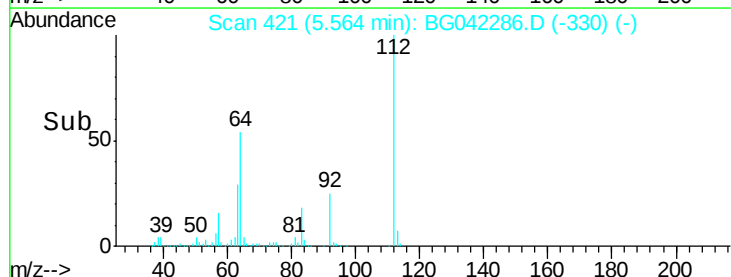
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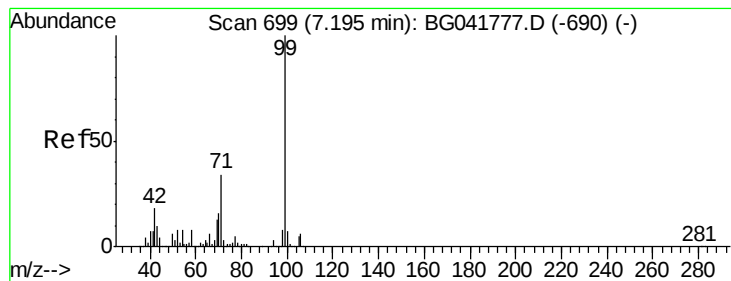
2-Fluorophenol
Concen: 123.890 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042286.D
Acq: 17 Aug 2019 12:16

Tgt Ion:112 Resp: 438022
Ion Ratio Lower Upper
112 100
64 54.1 55.4 83.2#
63 28.8 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: 111.978 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042286.D

Acq: 17 Aug 2019 12:16

Instrument :

BNA_G

ClientSampleId :

TP-5

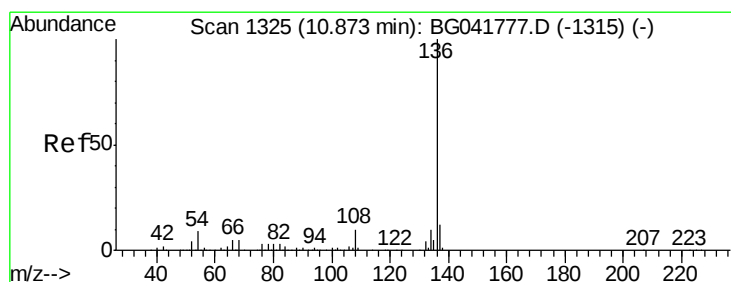
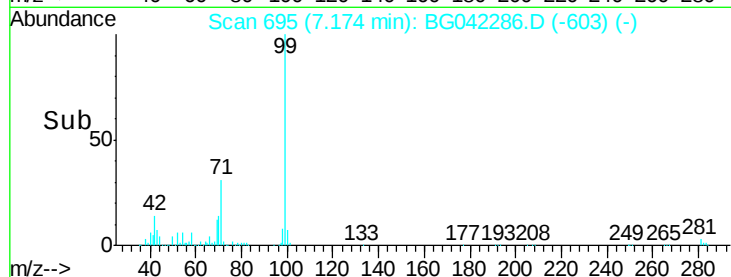
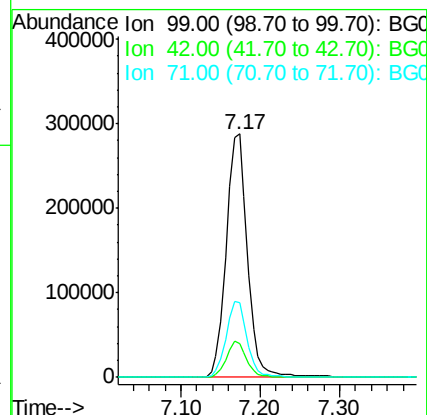
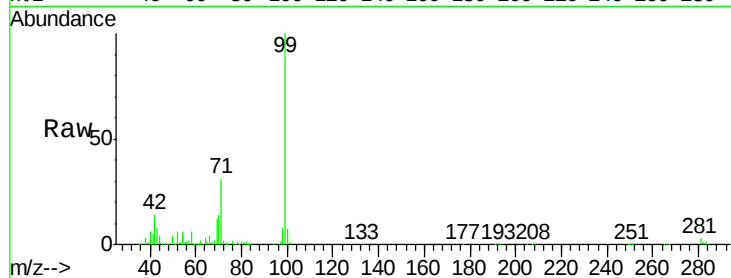
Tot Ion: 99 Resp: 533747

Ion Ratio Lower Upper

99 100

42 13.7 17.6 26.4#

71 30.9 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG042286.D

Acq: 17 Aug 2019 12:16

Tgt Ion: 136 Resp: 254706

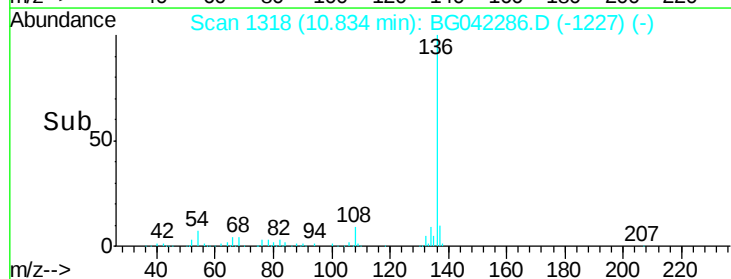
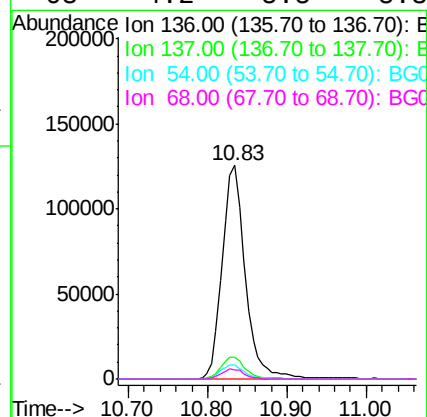
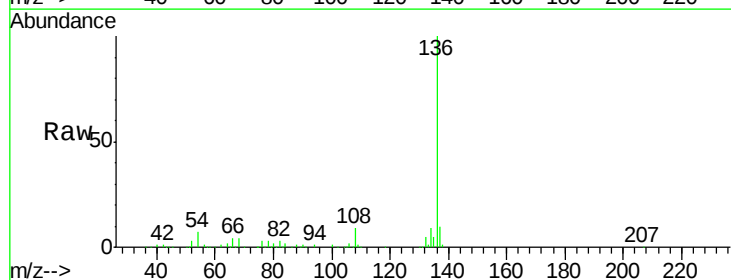
Ion Ratio Lower Upper

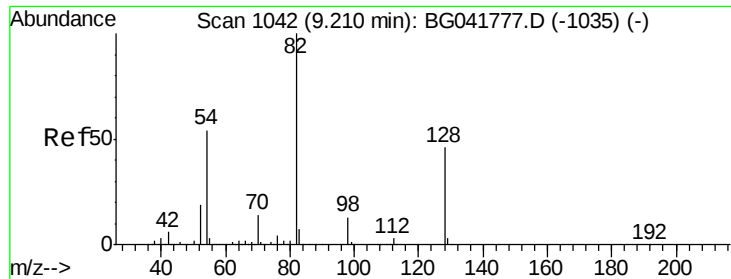
136 100

137 10.4 9.2 13.8

54 6.7 8.7 13.1#

68 4.2 5.5 8.3#

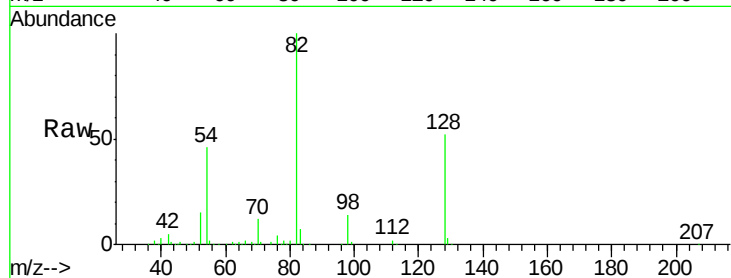




#23
Nitrobenzene-d5
Concen: 99.576 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042286.D
Acq: 17 Aug 2019 12:16

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion	82	Resp	368557
Ion Ratio	Lower	Upper	
82	100		
128	51.9	35.1	52.7
54	46.1	48.7	73.1#

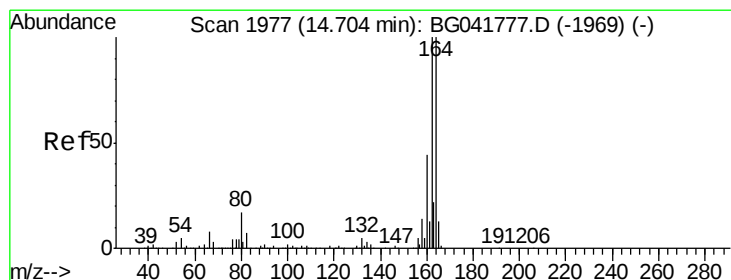
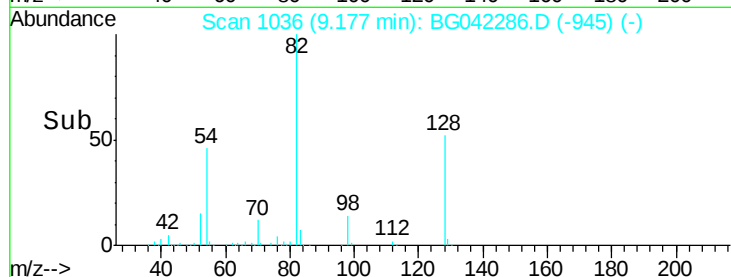
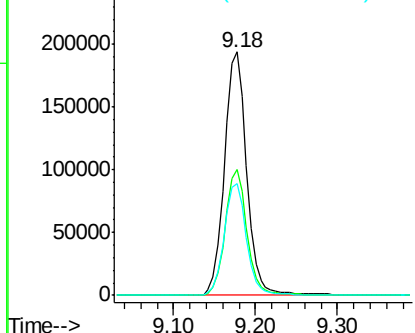


Abundance

Ion 82.00 (81.70 to 82.70): BGC

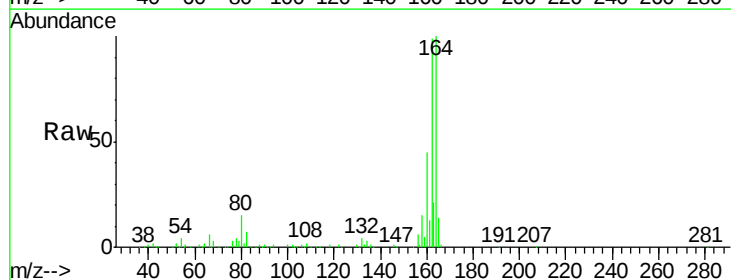
Ion 128.00 (127.70 to 128.70): BGC

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. -0.00 min
Lab File: BG042286.D
Acq: 17 Aug 2019 12:16

Tgt Ion	164	Resp	177143
Ion Ratio	Lower	Upper	
164	100		
162	99.4	79.6	119.4
160	44.6	35.4	53.0

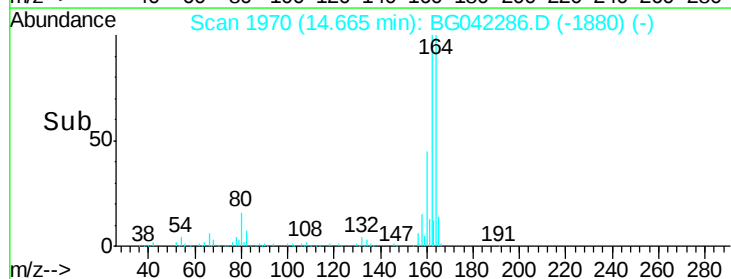
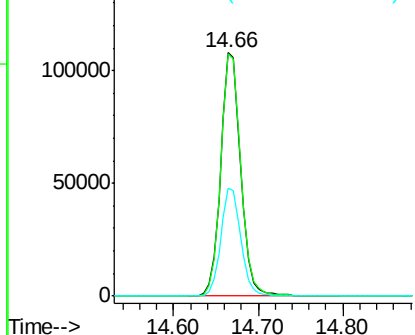


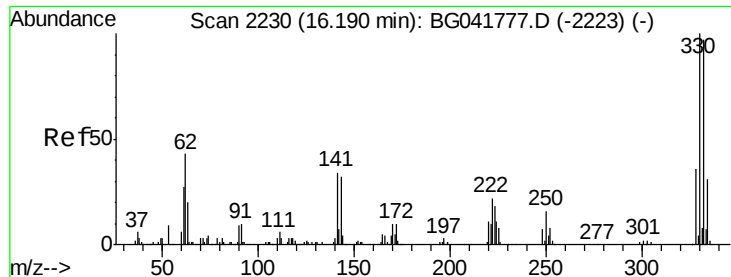
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

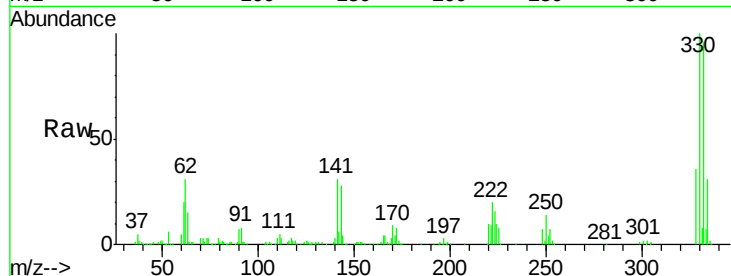




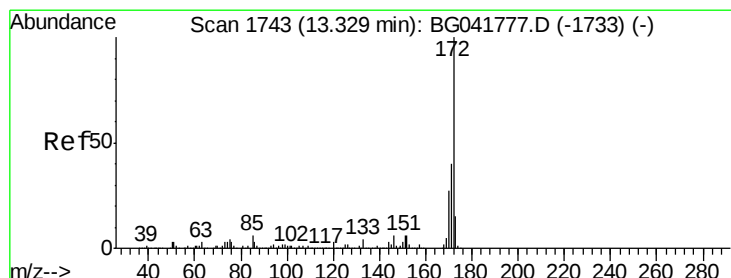
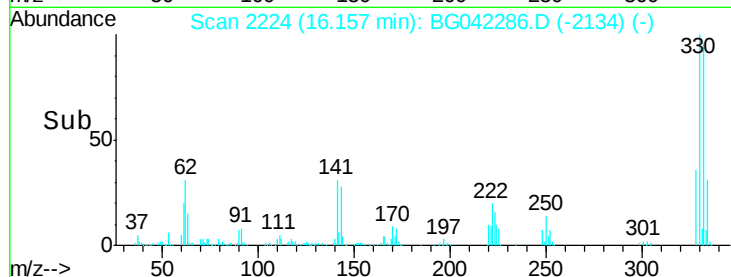
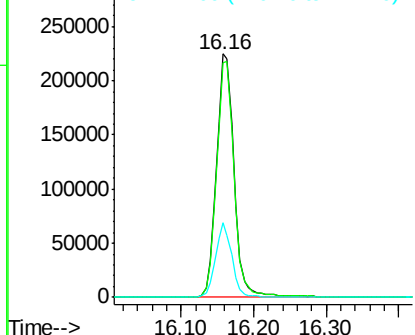
#42
 2,4,6-Tribromophenol
 Concen: 189.187 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042286.D
 Acq: 17 Aug 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tot Ion:330 Resp: 380664
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 28.4 31.9 47.9#

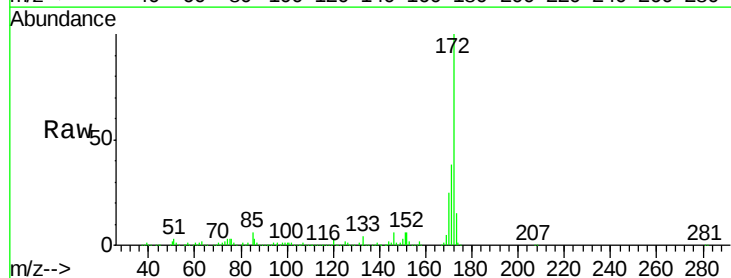


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

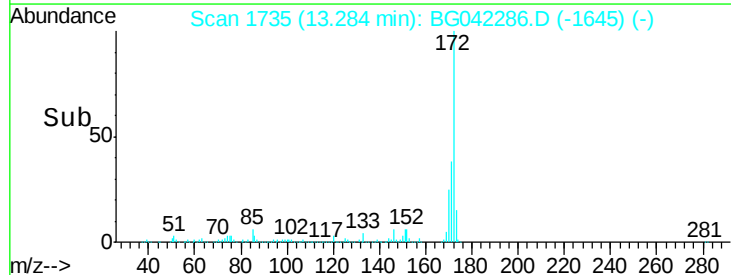
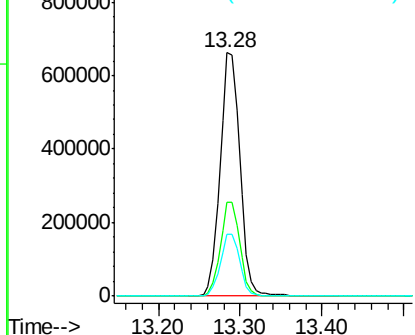


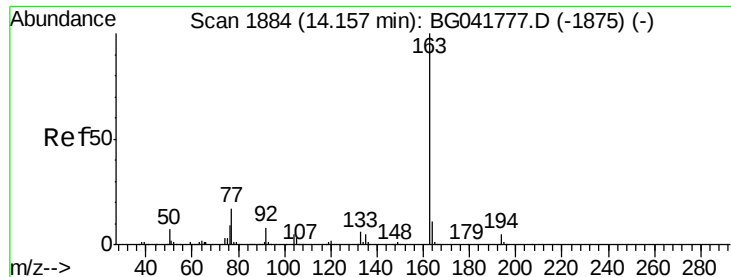
#45
 2-Fluorobiphenyl
 Concen: 111.187 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042286.D
 Acq: 17 Aug 2019 12:16

Tgt Ion:172 Resp: 1116727
 Ion Ratio Lower Upper
 172 100
 171 38.4 35.0 52.4
 170 25.3 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

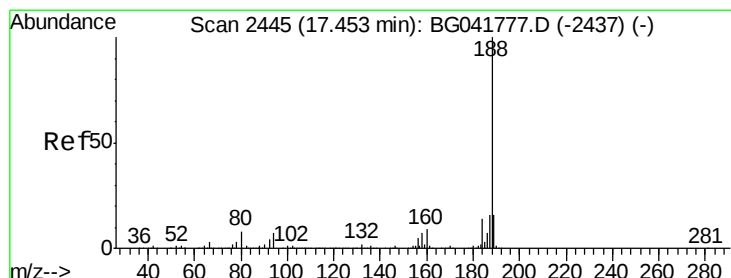
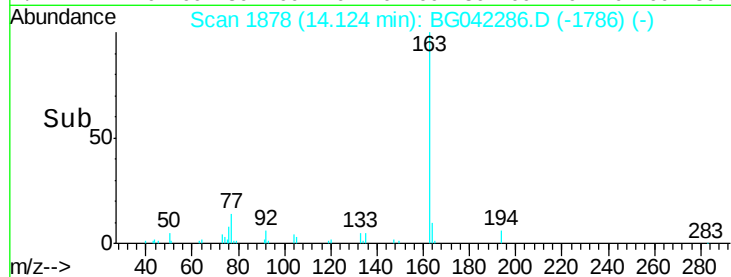
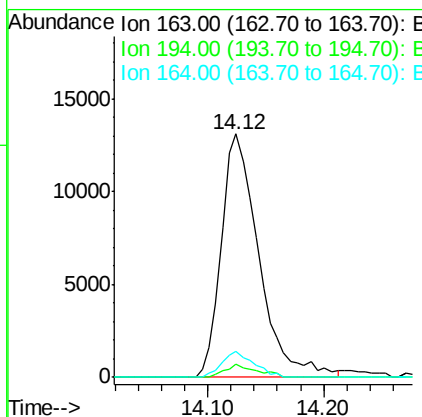
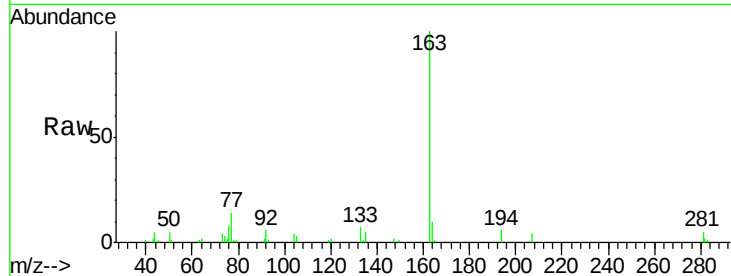




#50
Dimethylphthalate
Concen: 2.447 ng
RT: 14.12 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BG042286.D
Acq: 17 Aug 2019 12:16

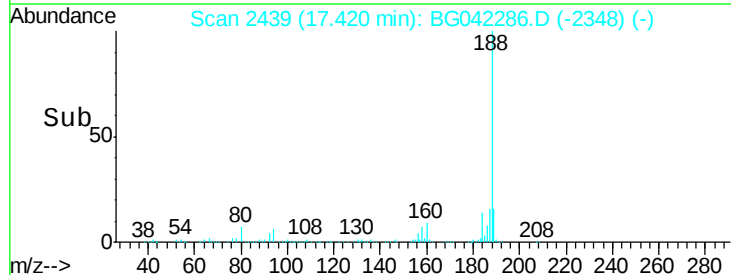
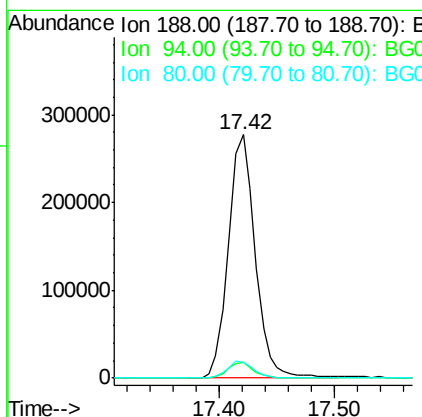
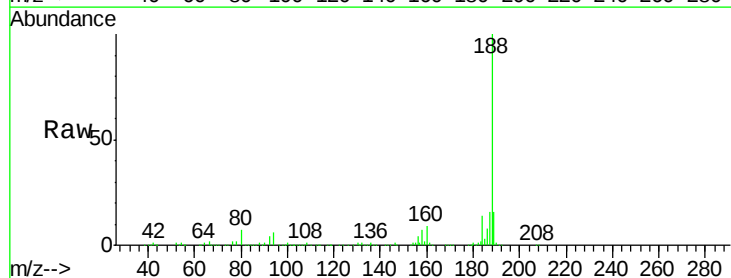
Instrument :
BNA_G
ClientSampleId :
TP-5

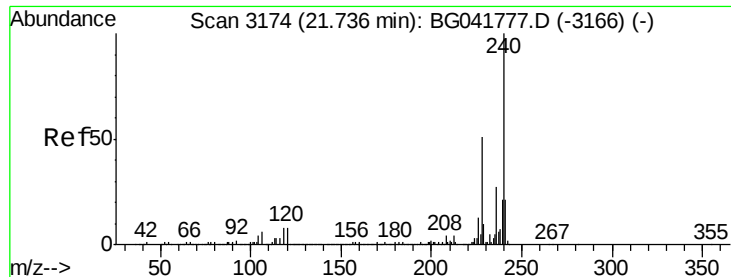
Tot Ion:163 Resp: 29606
Ion Ratio Lower Upper
163 100
194 5.6 4.2 6.2
164 10.4 9.4 14.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042286.D
Acq: 17 Aug 2019 12:16

Tgt Ion:188 Resp: 448192
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 6.5 8.0 12.0#

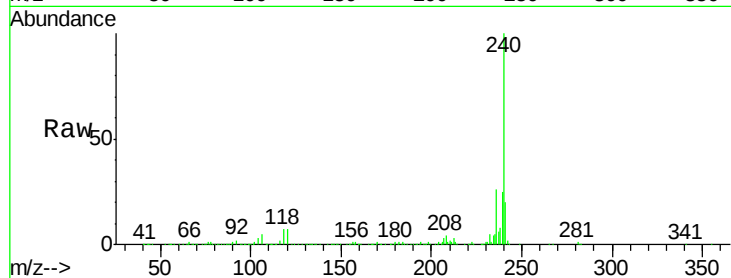




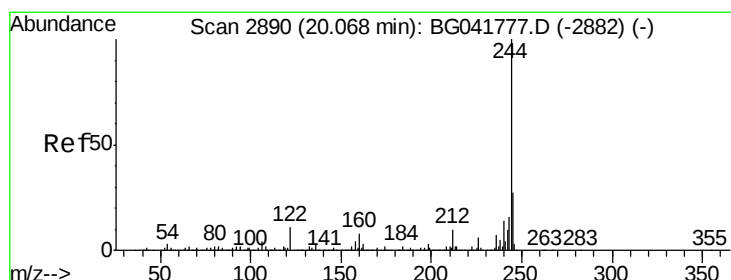
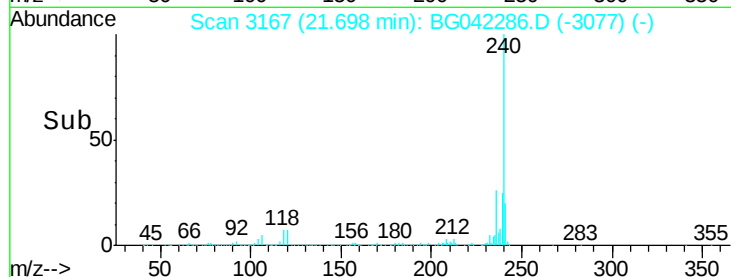
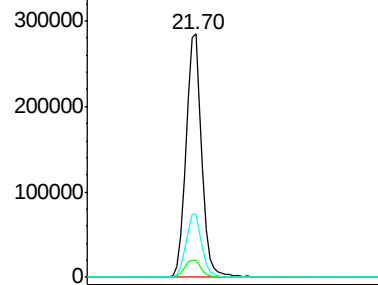
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042286.D
Acq: 17 Aug 2019 12:16

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:240 Resp: 503080
Ion Ratio Lower Upper
240 100
120 7.2 8.0 12.0#
236 25.9 22.6 33.8

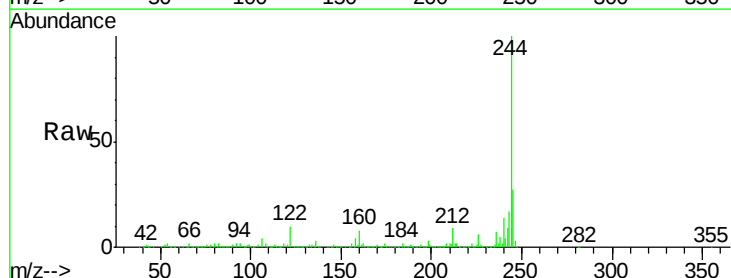


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

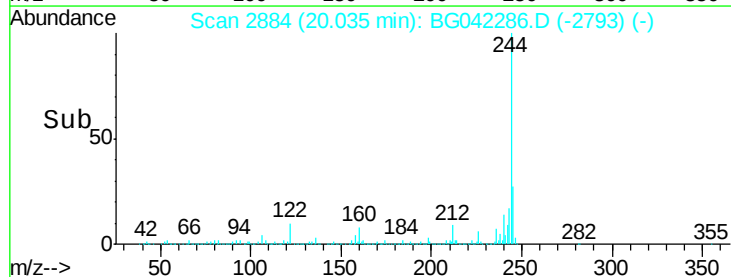
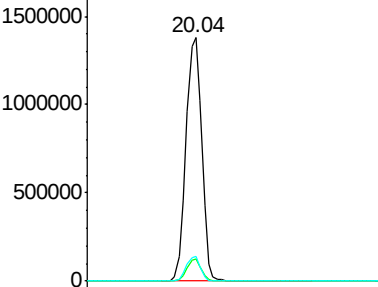


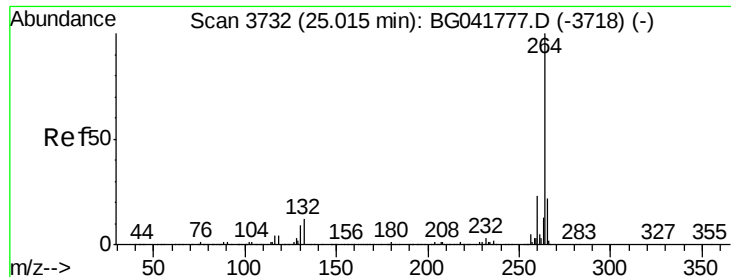
#79
Terphenyl-d14
Concen: 95.257 ng
RT: 20.04 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG042286.D
Acq: 17 Aug 2019 12:16

Tgt Ion:244 Resp: 2094249
Ion Ratio Lower Upper
244 100
212 9.2 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3719
 Delta R.T. -0.00 min
 Lab File: BG042286.D
 Acq: 17 Aug 2019 12:16

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.5	18.0	27.0

