

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042804.D
 Acq On : 13 Sep 2019 6:25
 Operator : HP/JU
 Sample : K4850-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC-7-(6)

Quant Time: Sep 13 08:51:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

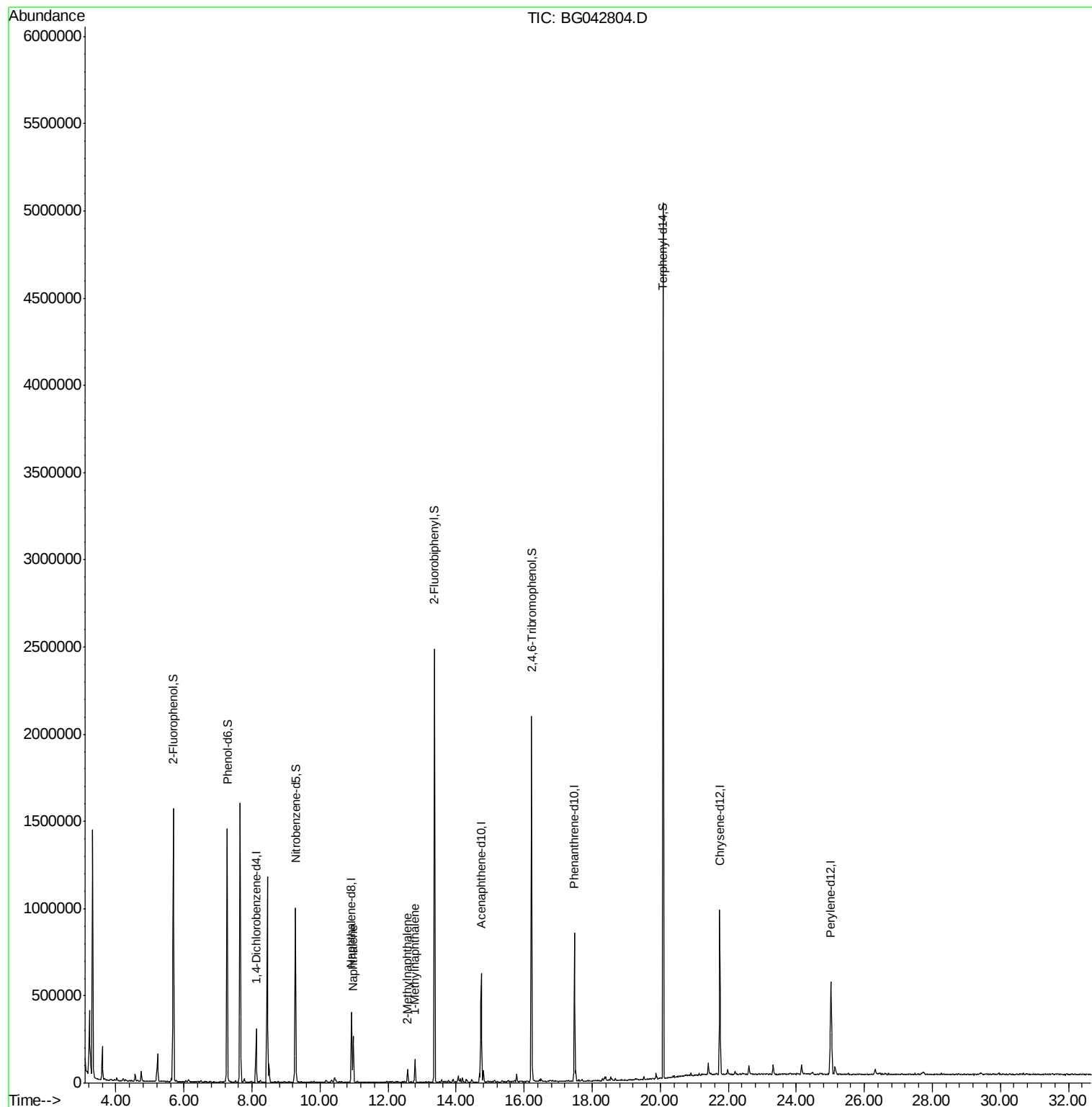
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	87711	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	332202	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	221957	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	519493	20.00	ng	0.00
76) Chrysene-d12	21.75	240	548446	20.00	ng	0.00
87) Perylene-d12	25.02	264	590219	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	612572	121.42	ng	0.00
7) Phenol-d6	7.27	99	803755	110.99	ng	0.00
23) Nitrobenzene-d5	9.27	82	614495	96.30	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	412827	139.80	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1277640	91.12	ng	0.00
79) Terphenyl-d14	20.08	244	2274773	91.92	ng	0.00
Target Compounds						
31) Naphthalene	10.98	128	209073	12.747	ng	98
37) 2-Methylnaphthalene	12.58	142	34624	2.818	ng	97
38) 1-Methylnaphthalene	12.79	142	62023	5.382	ng	100

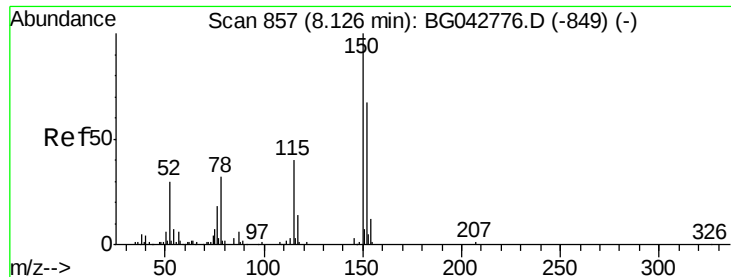
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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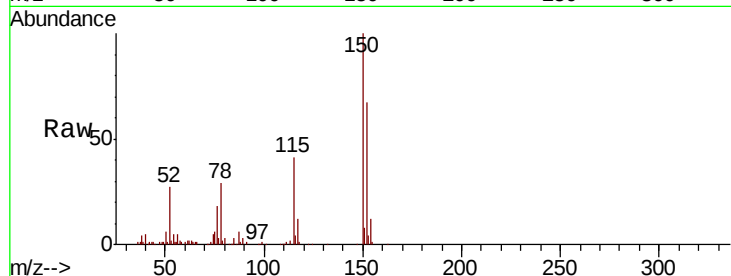


#1

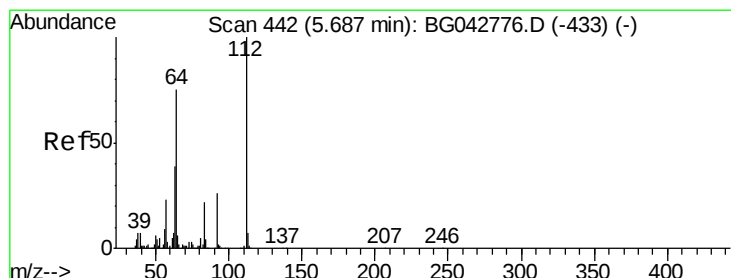
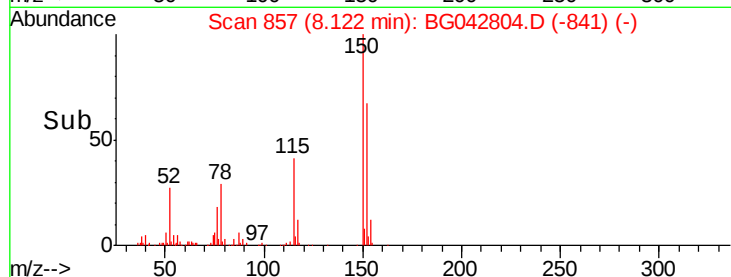
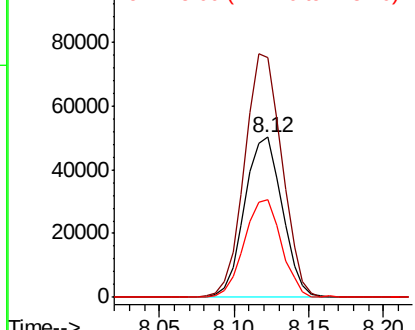
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :
AOC-7-(6)

Tot Ion:152 Resp: 87711
Ion Ratio Lower Upper
152 100
150 150.0 118.9 178.3
115 61.0 47.4 71.2



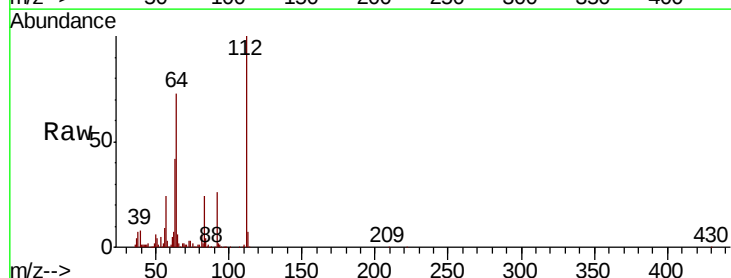
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



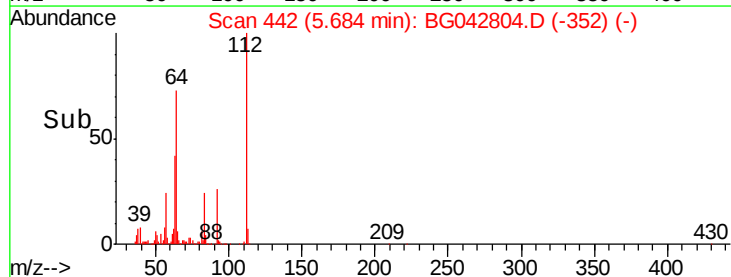
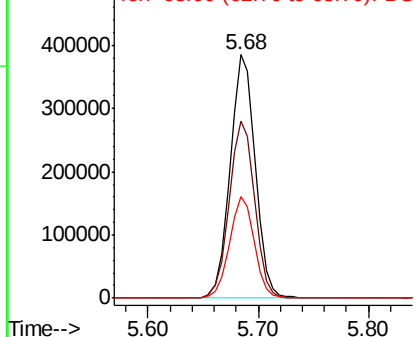
#5

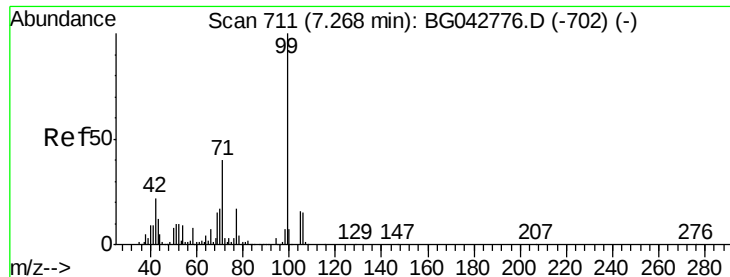
2-Fluorophenol
Concen: 121.420 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion:112 Resp: 612572
Ion Ratio Lower Upper
112 100
64 72.8 60.2 90.2
63 41.8 31.2 46.8



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: 110.995 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042804.D

Acq: 13 Sep 2019 6:25

Instrument :

BNA_G

ClientSampleId :

AOC-7-(6)

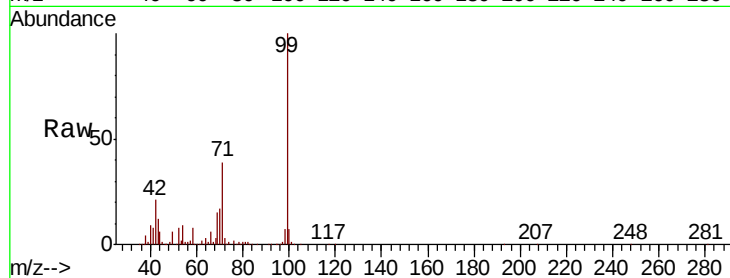
Tot Ion: 99 Resp: 803755

Ion Ratio Lower Upper

99 100

42 20.9 17.5 26.3

71 39.0 32.0 48.0

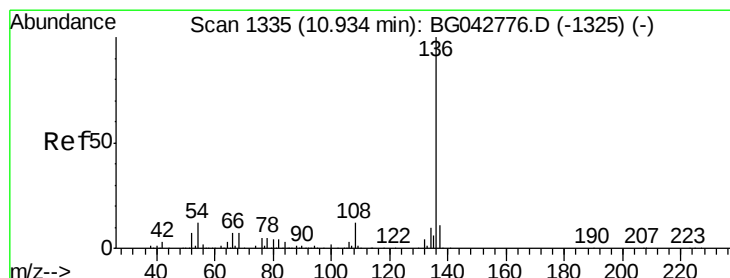
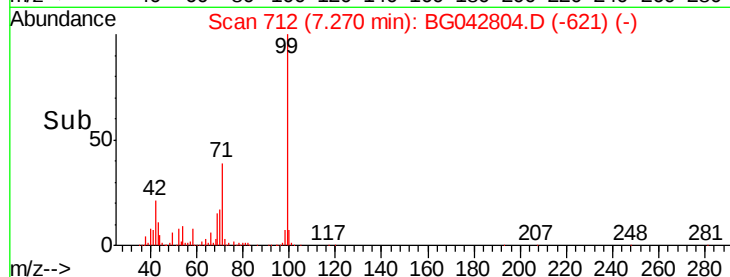
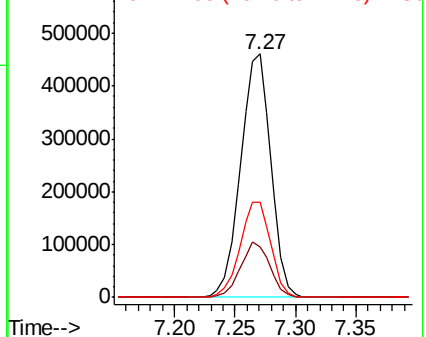


Abundance

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: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042804.D

Acq: 13 Sep 2019 6:25

Tgt Ion: 136 Resp: 332202

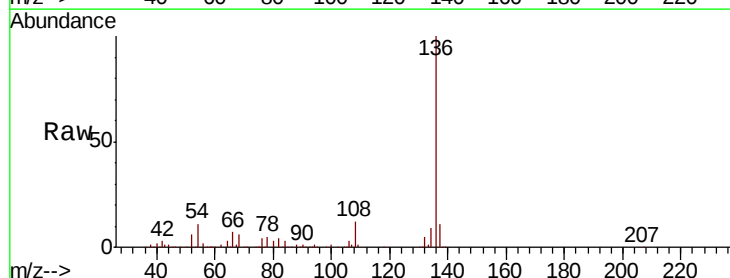
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 11.4 9.4 14.0

68 6.0 5.4 8.2



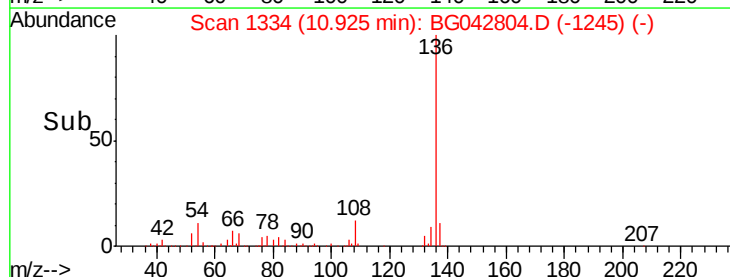
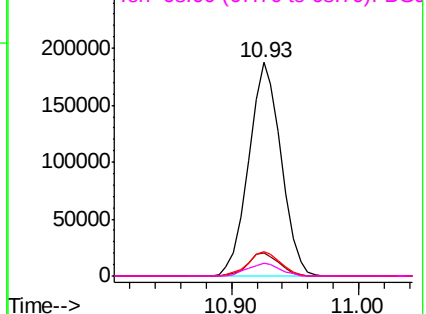
Abundance

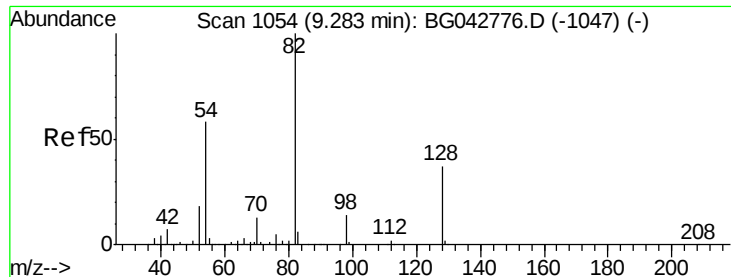
Ion 136.00 (135.70 to 136.70): BGC

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

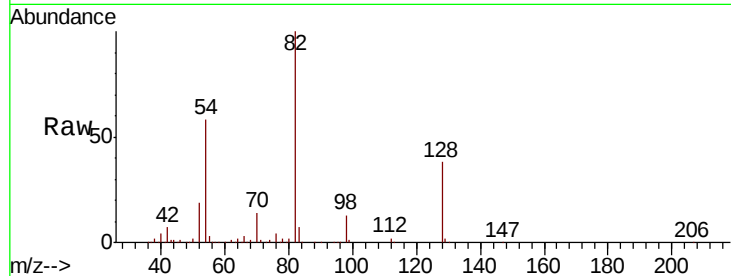




#23
Nitrobenzene-d5
Concen: 96.303 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Instrument :
BNA_G
ClientSampleId :
AOC-7-(6)

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.8	44.8
54	57.8	46.1	69.1

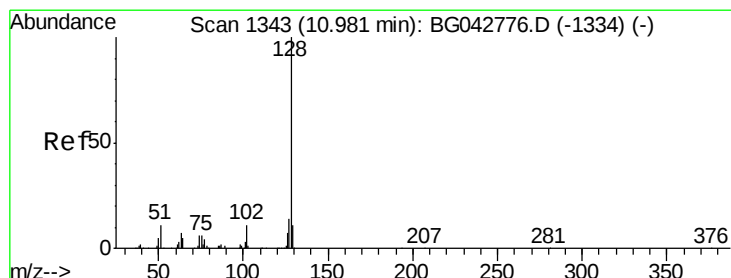
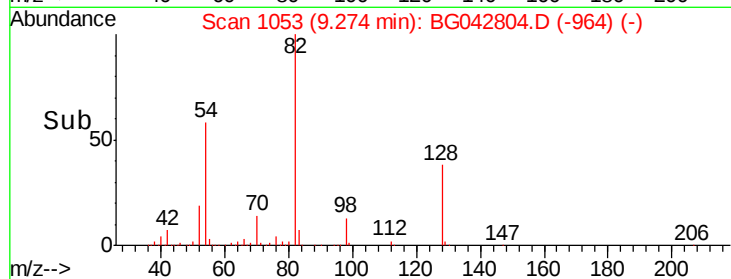
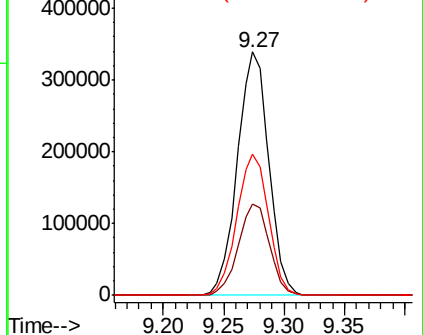


Abundance

Ion 82.00 (81.70 to 82.70): BGC

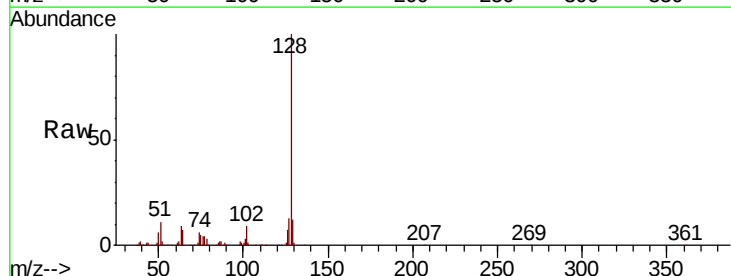
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#31
Naphthalene
Concen: 12.747 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.0	11.4	17.2

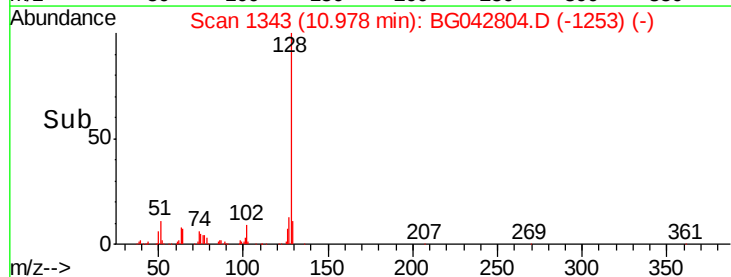
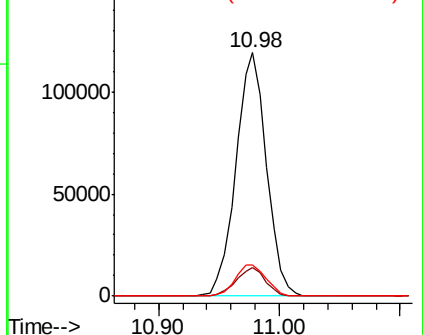


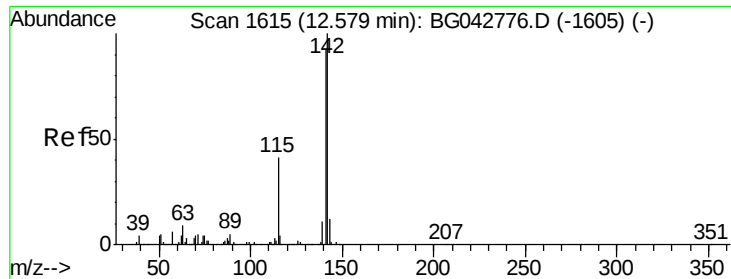
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

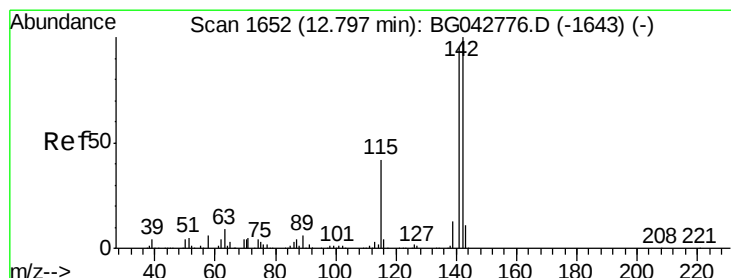
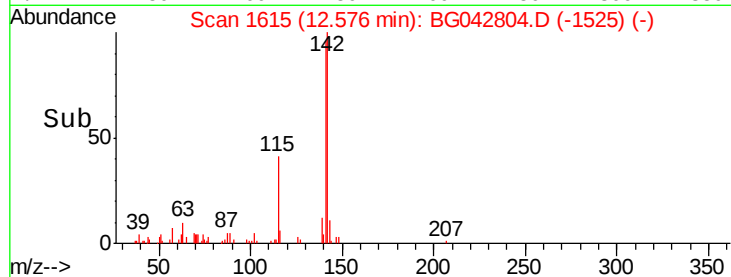
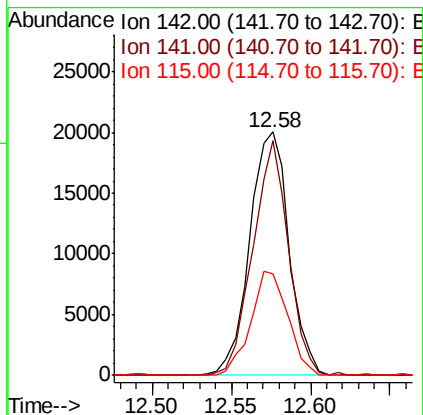
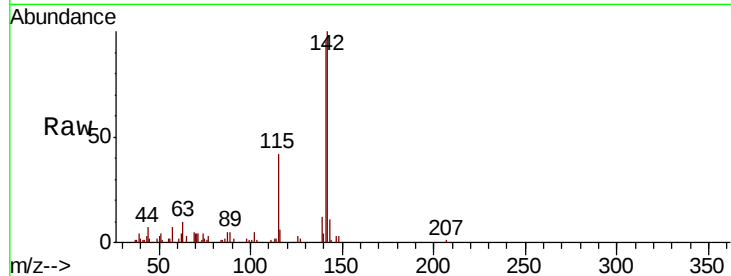




#37
2-Methylnaphthalene
Concen: 2.818 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

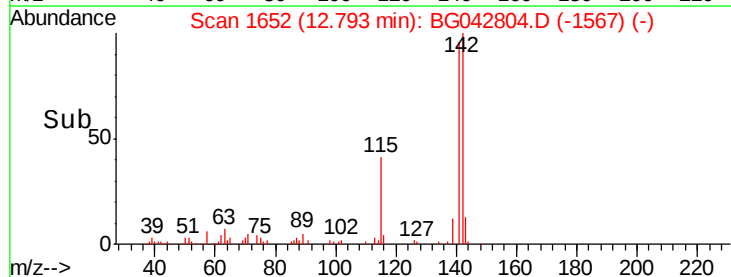
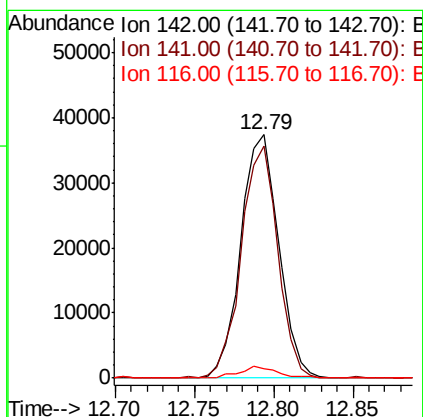
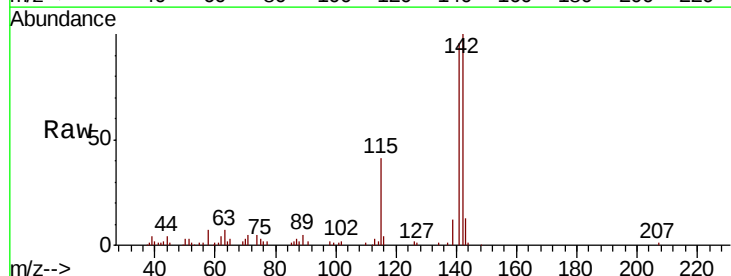
Instrument :
BNA_G
ClientSampled :
AOC-7-(6)

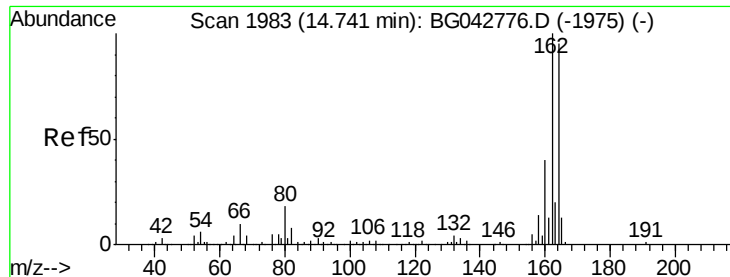
Tot Ion:142 Resp: 34624
Ion Ratio Lower Upper
142 100
141 96.5 73.8 110.8
115 41.8 33.0 49.4



#38
1-Methylnaphthalene
Concen: 5.382 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042804.D
Acq: 13 Sep 2019 6:25

Tgt Ion:142 Resp: 62023
Ion Ratio Lower Upper
142 100
141 95.5 76.3 114.5
116 4.1 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042804.D

Acq: 13 Sep 2019 6:25

Instrument :

BNA_G

ClientSampleId :

AOC-7-(6)

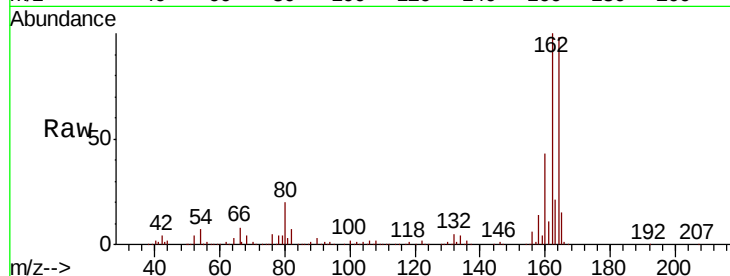
Tot Ion:164 Resp: 221957

Ion Ratio Lower Upper

164 100

162 101.9 84.6 126.8

160 43.8 34.2 51.2

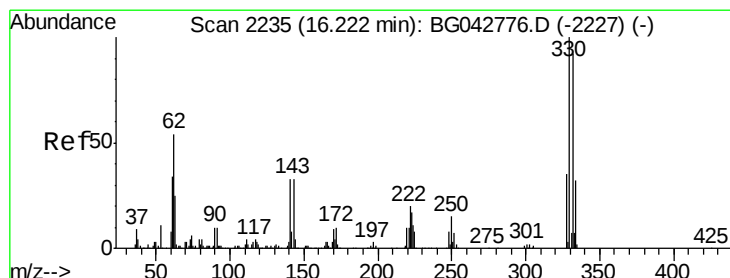
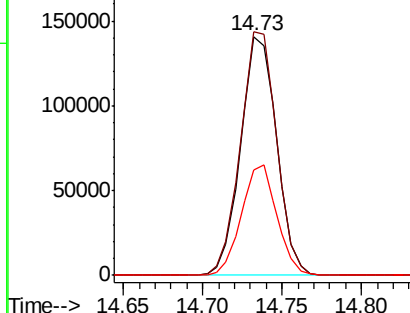
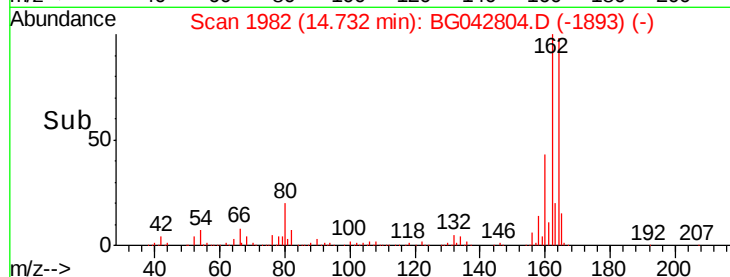


Abundance

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: 139.801 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042804.D

Acq: 13 Sep 2019 6:25

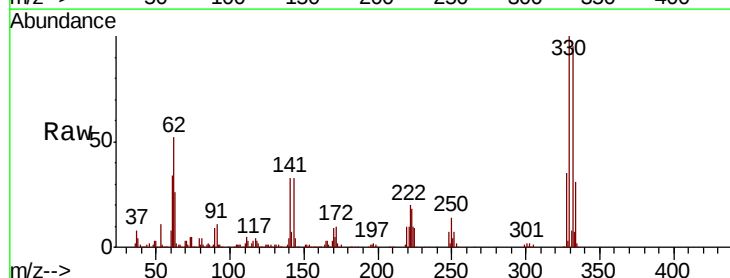
Tgt Ion:330 Resp: 412827

Ion Ratio Lower Upper

330 100

332 93.4 76.7 115.1

141 35.5 27.0 40.6

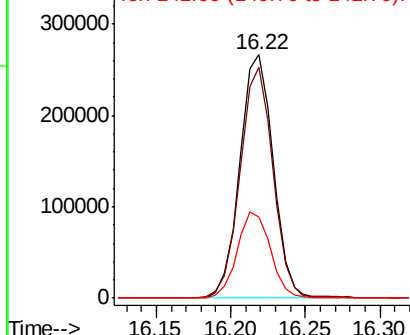
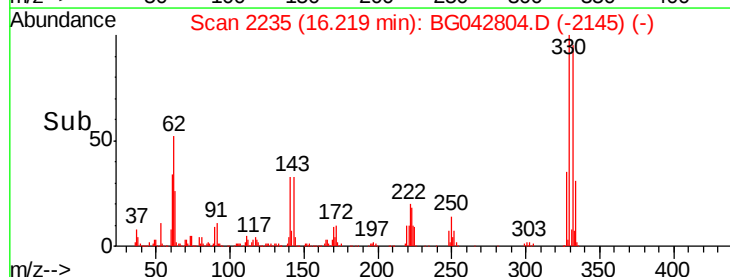


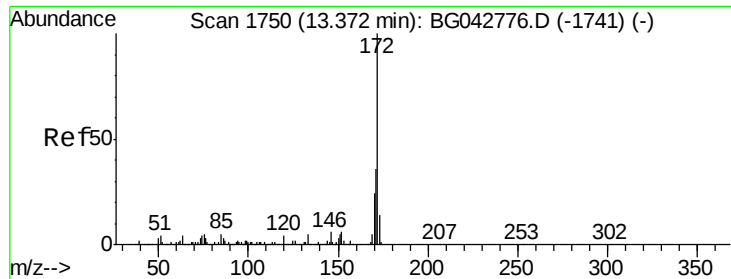
Abundance

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



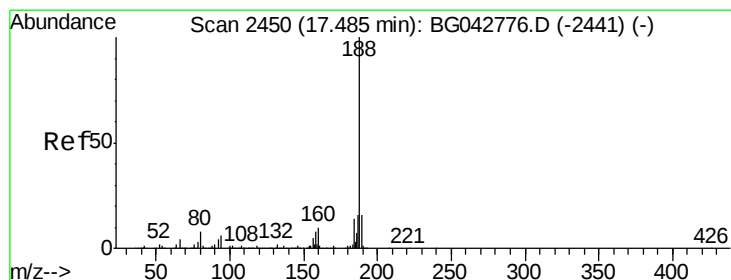
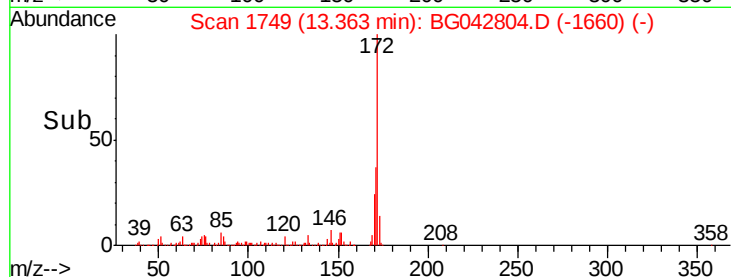
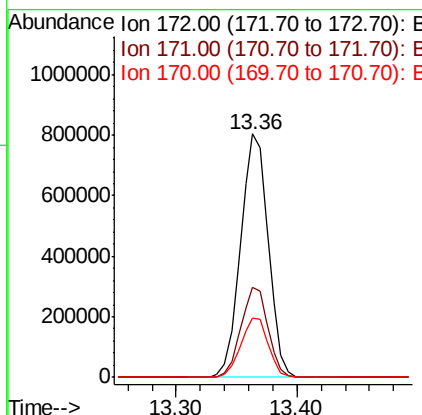
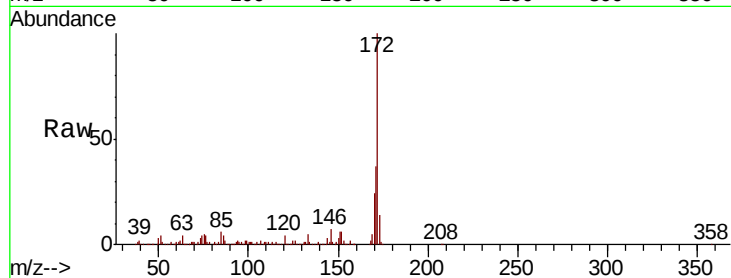


#45
 2-Fluorobiphenyl
 Concen: 91.118 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042804.D
 Acq: 13 Sep 2019 6:25

Instrument :
 BNA_G
 ClientSampleId :
 AOC-7-(6)

Tot Ion:172 Resp: 1277640

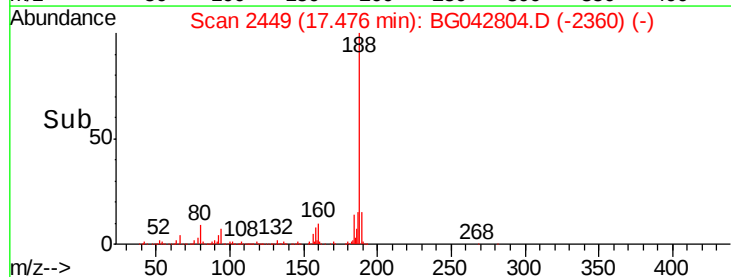
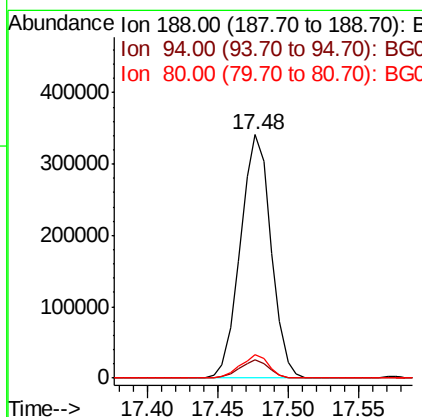
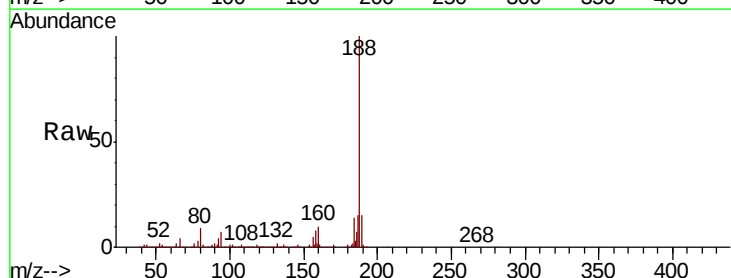
Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.4	19.1	28.7

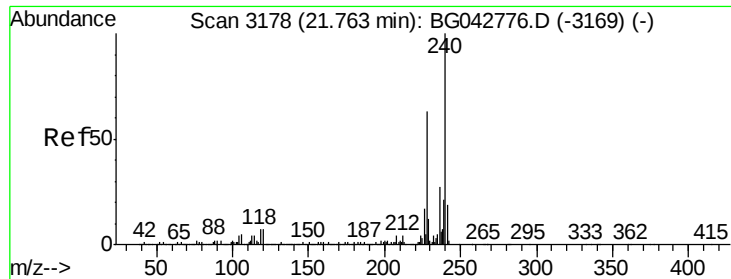


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042804.D
 Acq: 13 Sep 2019 6:25

Tgt Ion:188 Resp: 519493

Ion	Ratio	Lower	Upper
188	100		
94	7.3	4.8	7.2#
80	9.4	6.6	9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042804.D

Acq: 13 Sep 2019 6:25

Instrument :

BNA_G

ClientSampleId :

AOC-7-(6)

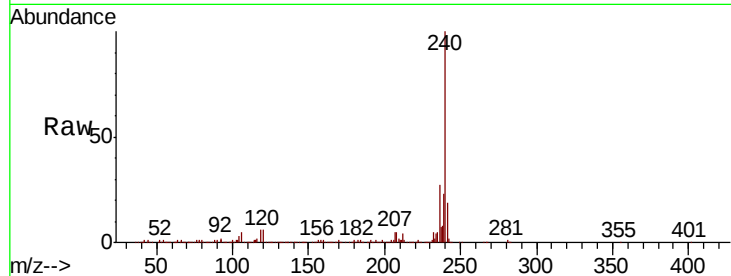
Tot Ion:240 Resp: 548446

Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.2

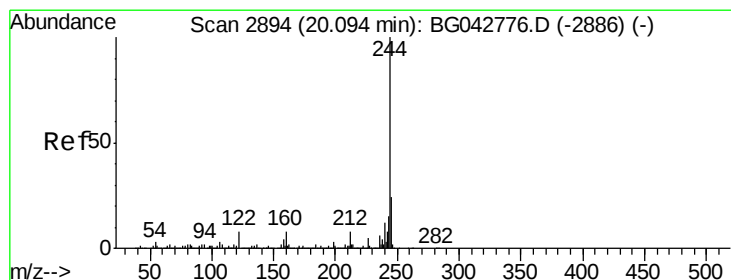
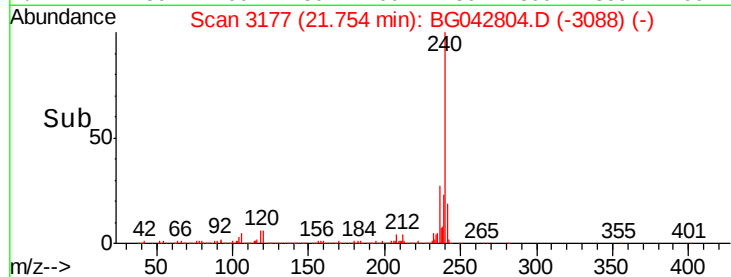
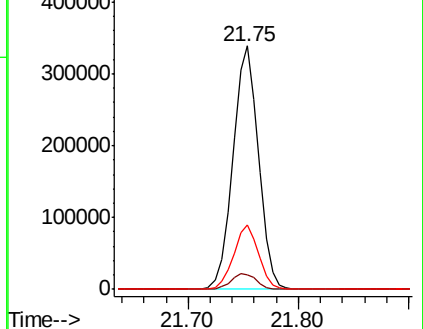
236 26.5 21.7 32.5



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: 91.924 ng

RT: 20.08 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042804.D

Acq: 13 Sep 2019 6:25

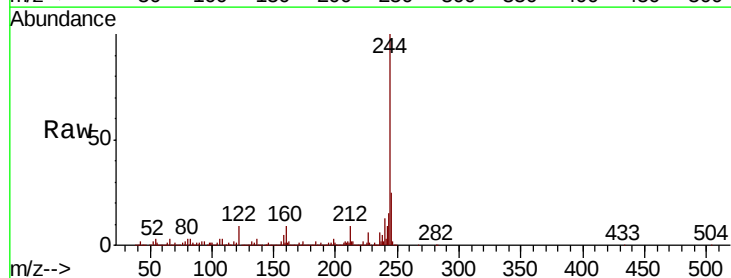
Tgt Ion:244 Resp: 2274773

Ion Ratio Lower Upper

244 100

212 9.4 6.6 10.0

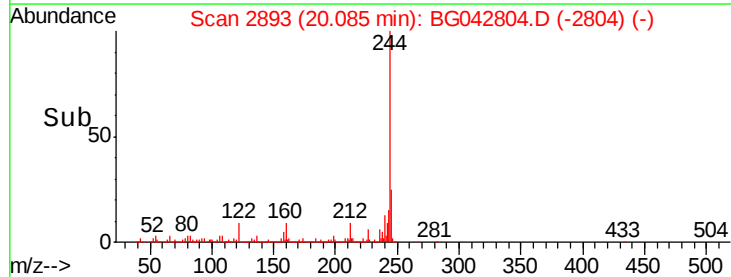
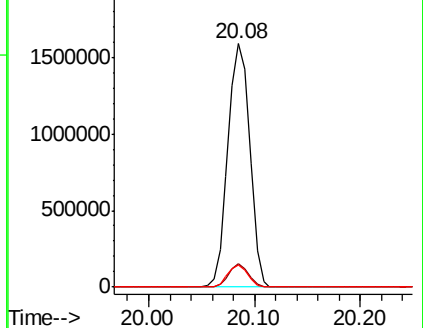
122 9.4 6.2 9.4#

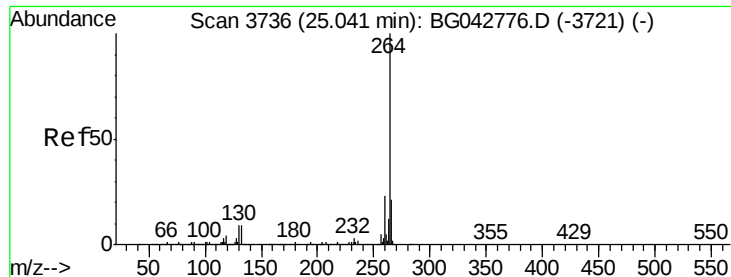


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.02 min Scan# 3733
 Delta R.T. -0.02 min
 Lab File: BG042804.D
 Acq: 13 Sep 2019 6:25

Instrument :
 BNA_G
 ClientSampleId :
 AOC-7-(6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.8	16.9	25.3

