

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042486.D
 Acq On : 25 Aug 2019 20:15
 Operator : HP/JU
 Sample : K4451-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 06:35:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

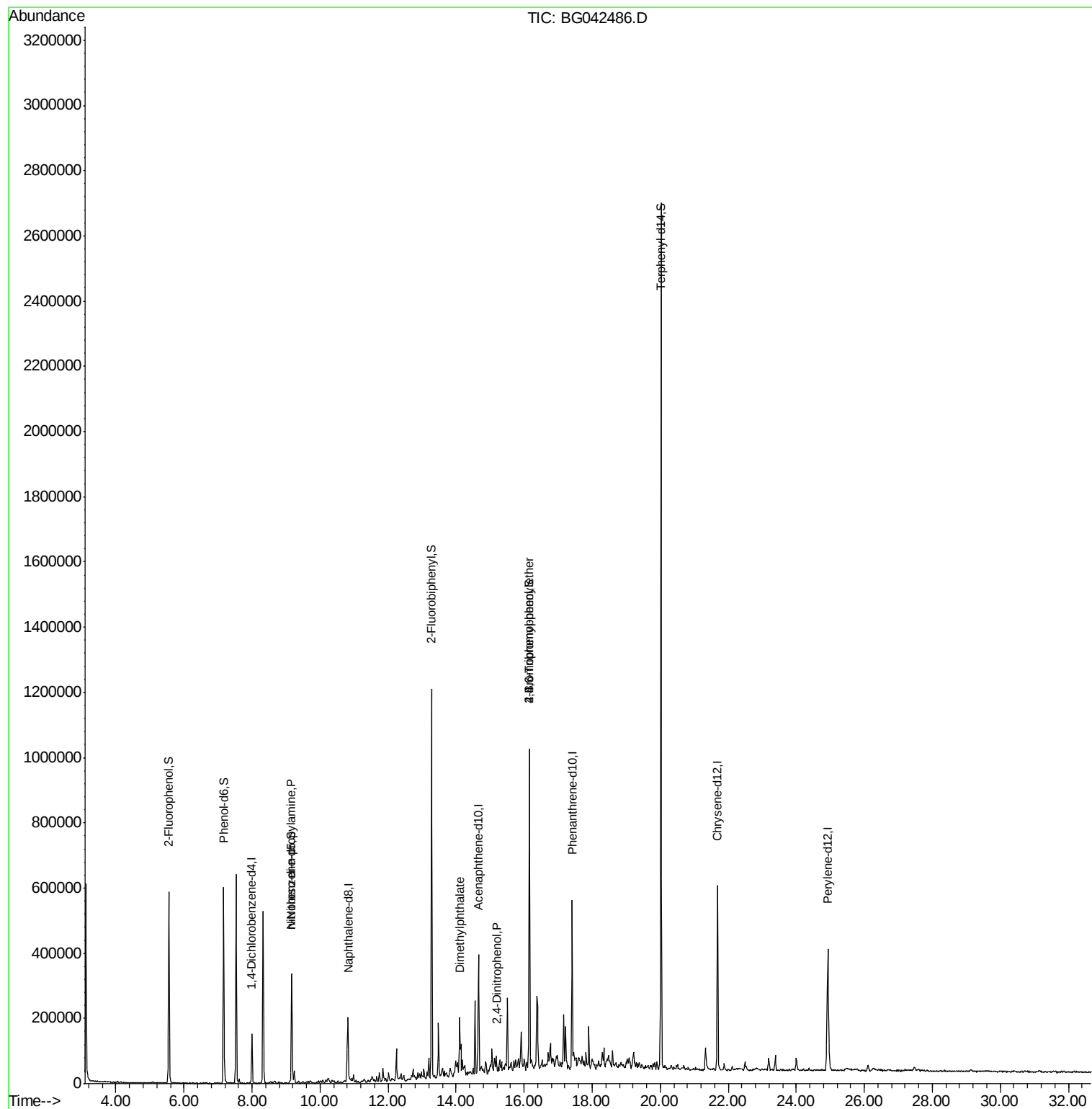
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	49043	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	191351	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	137873	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	332184	20.00	ng	0.00
76) Chrysene-d12	21.68	240	366945	20.00	ng	-0.01
87) Perylene-d12	24.93	264	426883	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	299818	123.81	ng	0.00
7) Phenol-d6	7.17	99	409230	125.11	ng	0.00
23) Nitrobenzene-d5	9.16	82	232135	83.83	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	239003	121.96	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	708262	86.88	ng	0.00
79) Terphenyl-d14	20.03	244	1343113	79.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.16	70	29493	13.918	ng	# 74
50) Dimethylphthalate	14.10	163	131334	13.202	ng	# 99
54) 2,4-Dinitrophenol	15.21	184	196	6.377	ng	# 54
67) 4-Bromophenyl-phenylether	16.15	248	17234	4.090	ng	# 1

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

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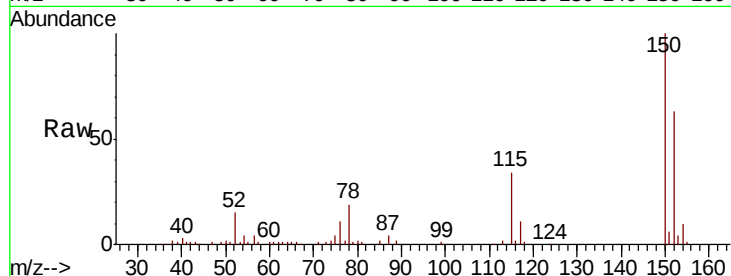


#1

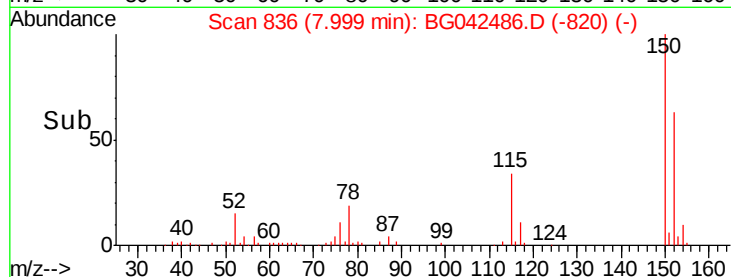
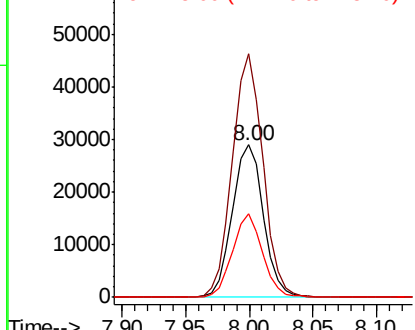
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042486.D
Acq: 25 Aug 2019 20:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49043
Ion Ratio Lower Upper
152 100
150 159.6 125.4 188.0
115 54.8 38.5 57.7



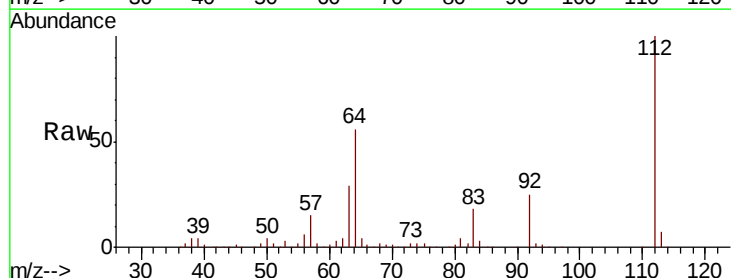
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



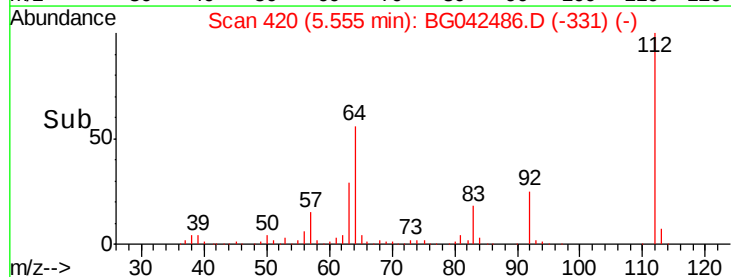
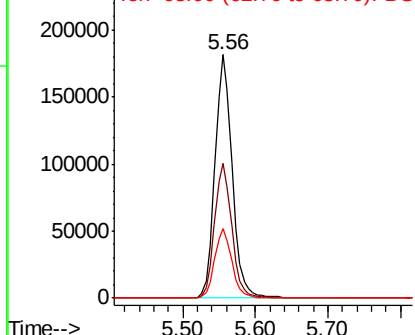
#5

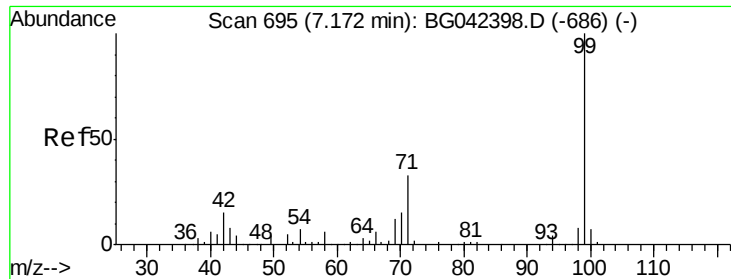
2-Fluorophenol
Concen: 123.814 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042486.D
Acq: 25 Aug 2019 20:15

Tgt Ion:112 Resp: 299818
Ion Ratio Lower Upper
112 100
64 55.5 42.8 64.2
63 28.7 22.7 34.1



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: 125.111 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042486.D

Acq: 25 Aug 2019 20:15

Instrument :

BNA_G

ClientSampleId :

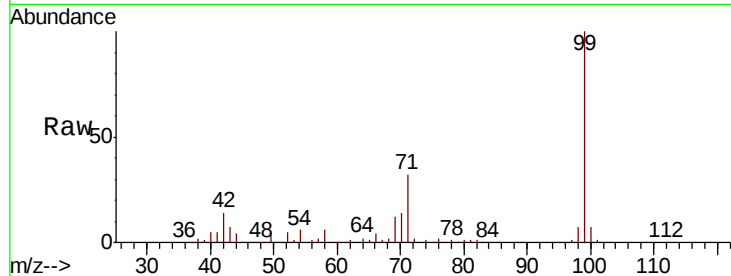
Tot Ion: 99 Resp: 409230

Ion Ratio Lower Upper

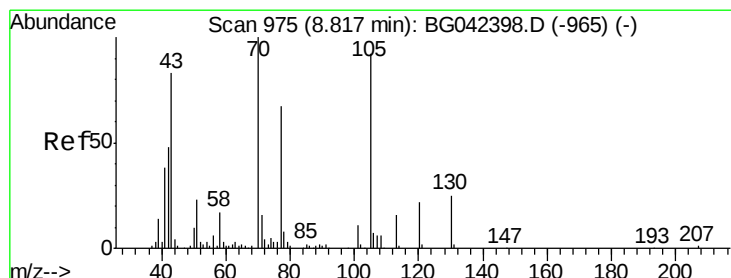
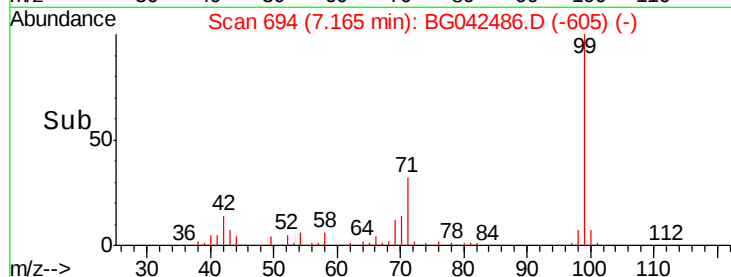
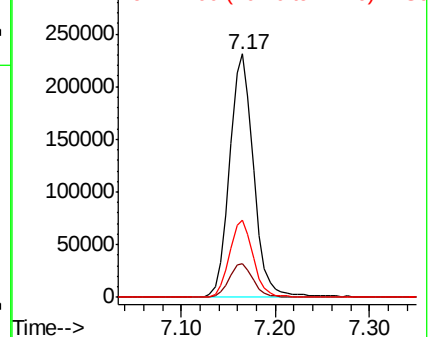
99 100

42 14.0 12.0 18.0

71 31.7 26.3 39.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.918 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042486.D

Acq: 25 Aug 2019 20:15

Tgt Ion: 70 Resp: 29493

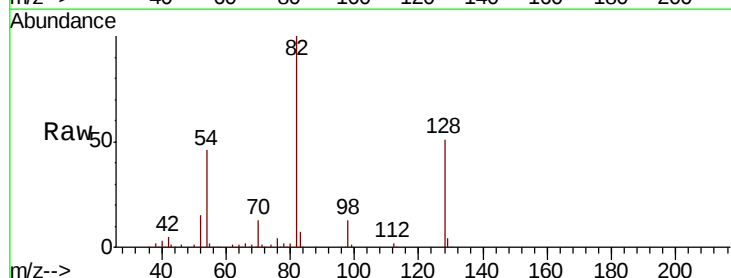
Ion Ratio Lower Upper

70 100

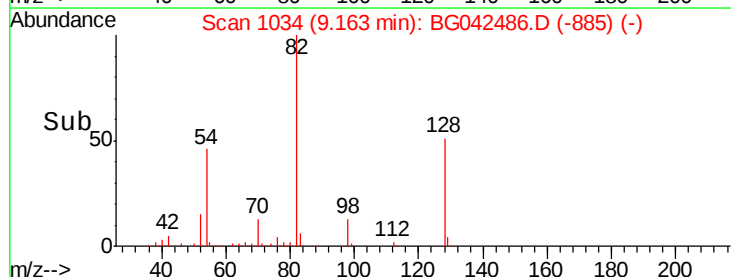
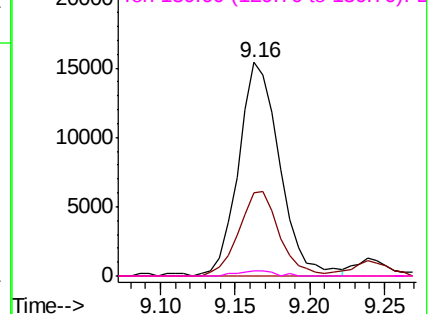
42 38.8 38.8 58.2

101 0.0 9.0 13.6#

130 2.2 20.0 30.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

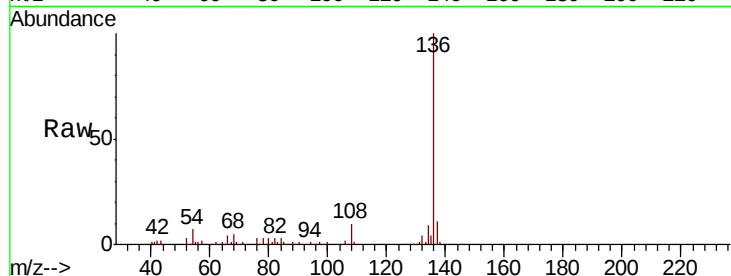




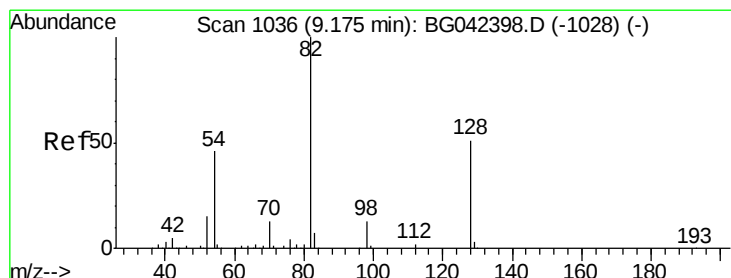
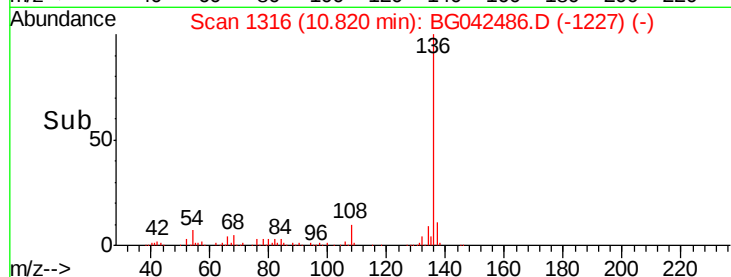
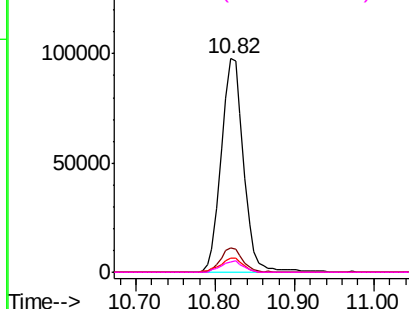
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042486.D
Acq: 25 Aug 2019 20:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	191351
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	6.7	4.9 7.3
68	4.7	3.6 5.4

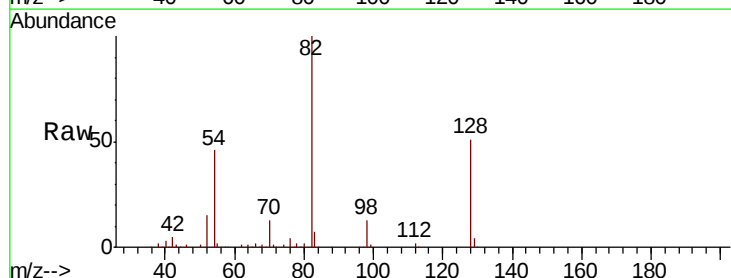


Abundance Ion 136.00 (135.70 to 136.70): E
150000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

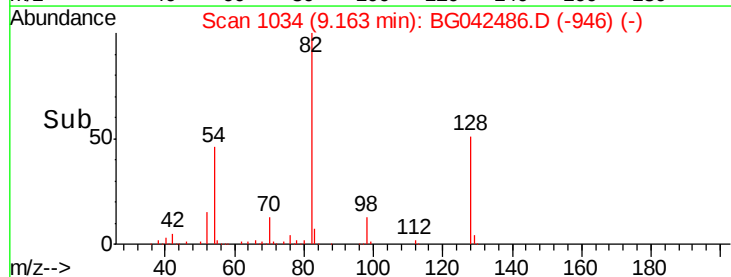
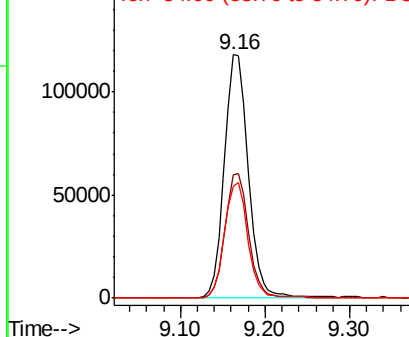


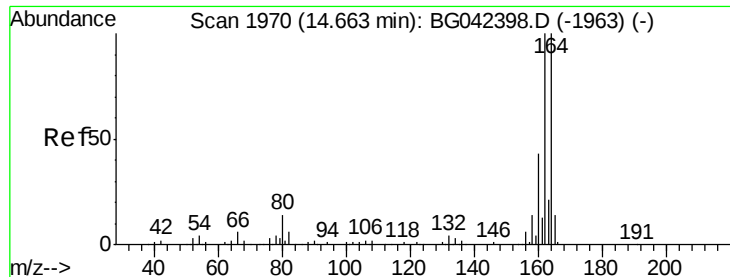
#23
Nitrobenzene-d5
Concen: 83.833 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042486.D
Acq: 25 Aug 2019 20:15

Tgt Ion: 82	Resp:	232135
Ion	Ratio	Lower Upper
82	100	
128	50.8	40.7 61.1
54	45.8	36.3 54.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042486.D

Acq: 25 Aug 2019 20:15

Instrument :

BNA_G

ClientSampleId :

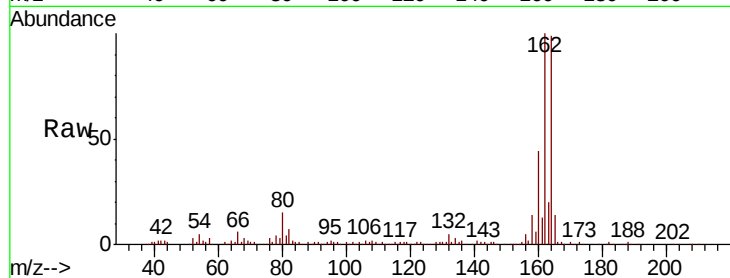
Tot Ion:164 Resp: 137873

Ion Ratio Lower Upper

164 100

162 100.7 79.9 119.9

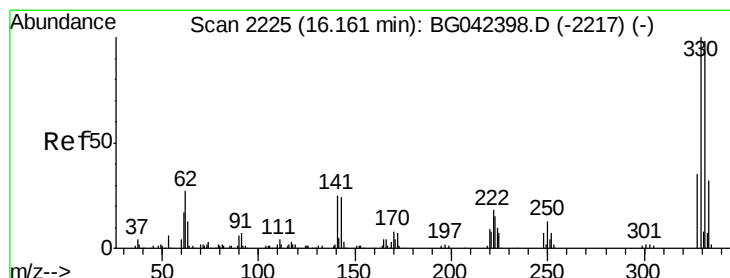
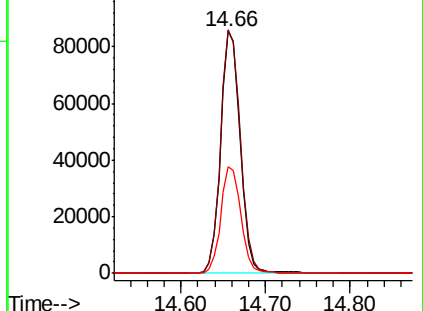
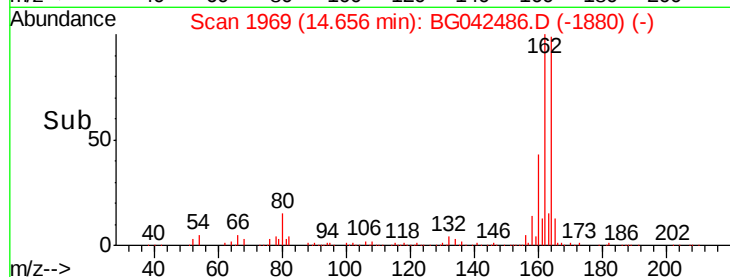
160 44.0 34.3 51.5



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: 121.963 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042486.D

Acq: 25 Aug 2019 20:15

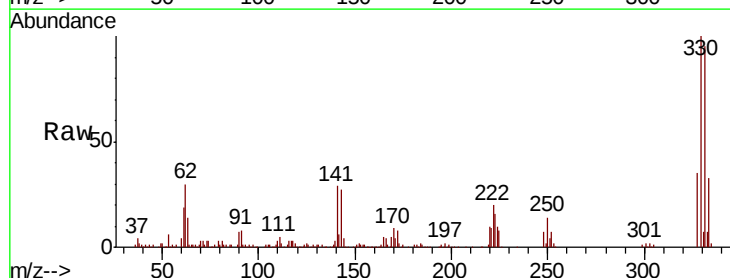
Tgt Ion:330 Resp: 239003

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

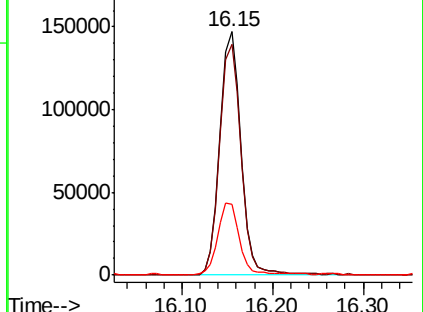
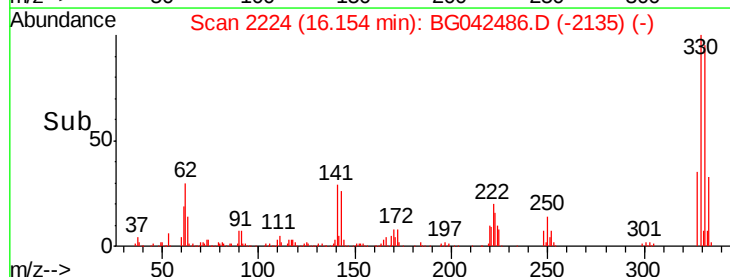
141 29.1 21.4 32.0

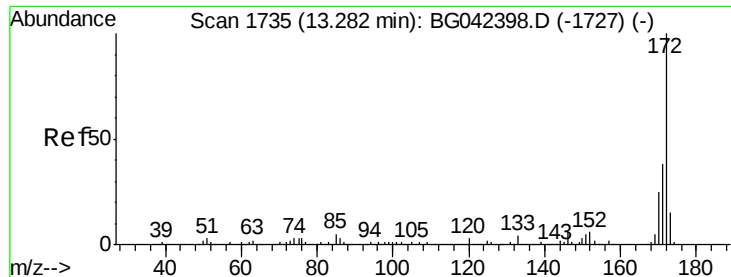


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

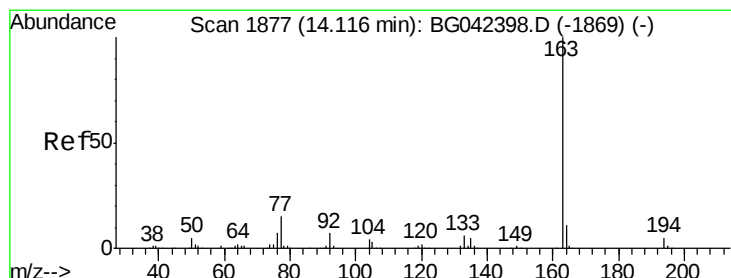
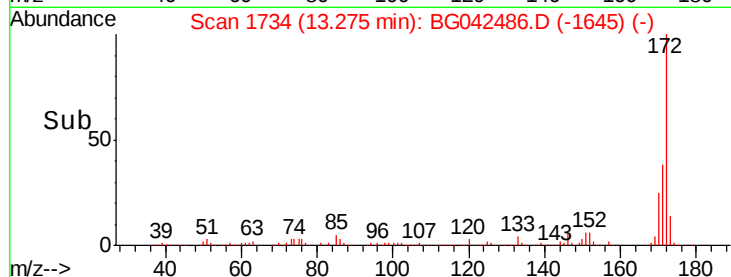
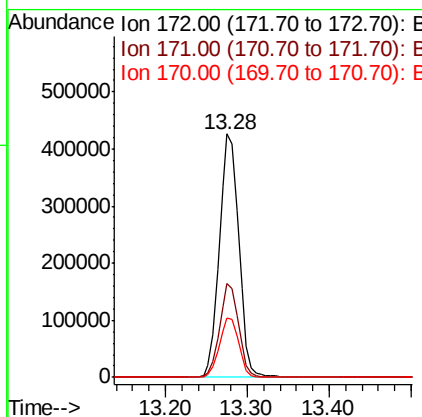
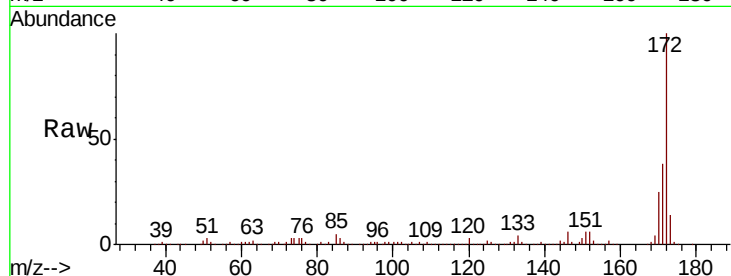




#45
2-Fluorobiphenyl
Concen: 86.882 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042486.D
Acq: 25 Aug 2019 20:15

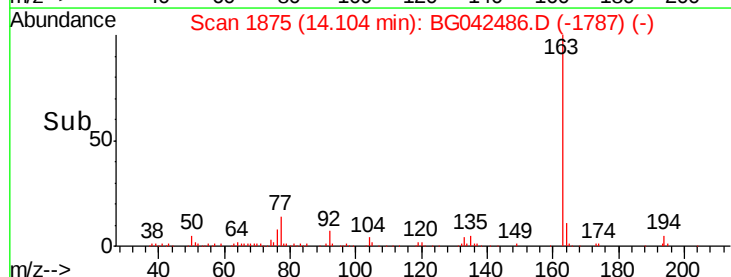
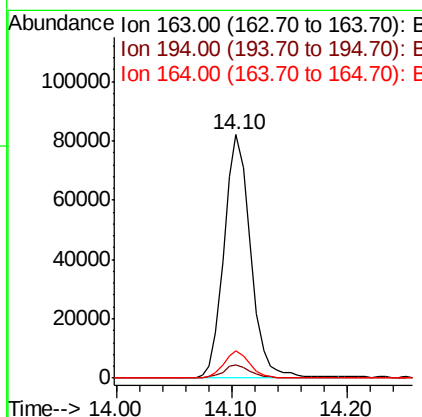
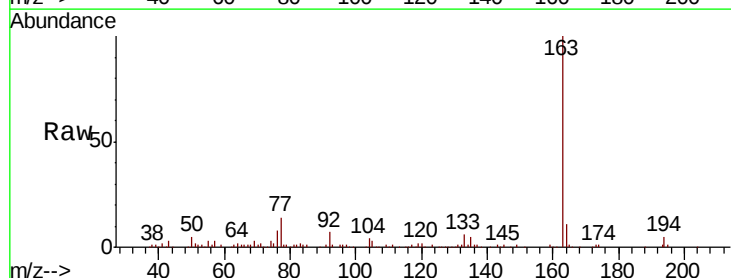
Instrument :
BNA_G
ClientSampled :

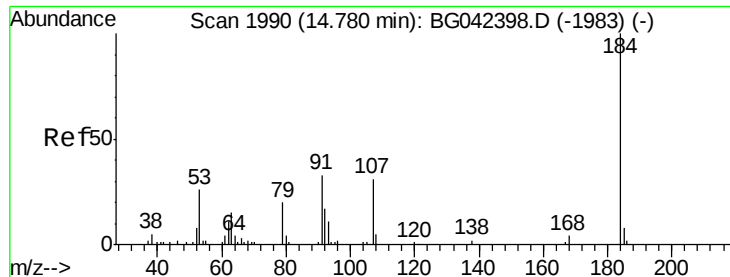
Tot Ion:172 Resp: 708262
Ion Ratio Lower Upper
172 100
171 38.3 30.5 45.7
170 24.6 20.2 30.2



#50
Dimethylphthalate
Concen: 13.202 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042486.D
Acq: 25 Aug 2019 20:15

Tgt Ion:163 Resp: 131334
Ion Ratio Lower Upper
163 100
194 5.4 4.2 6.2
164 11.2 8.8 13.2

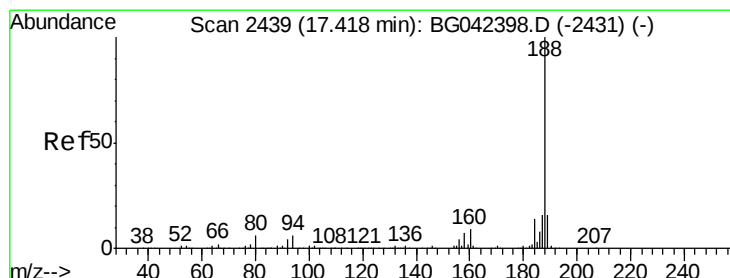
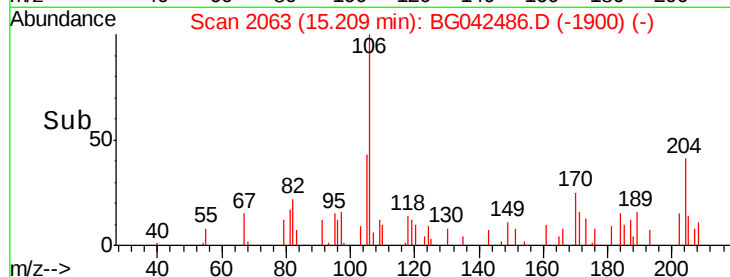
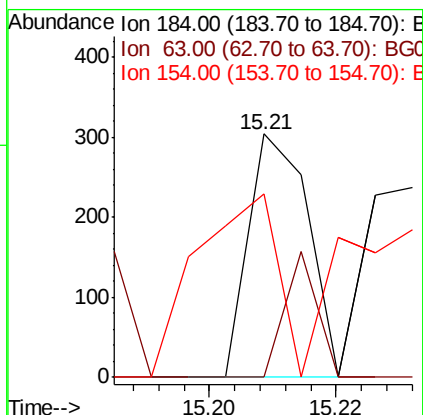
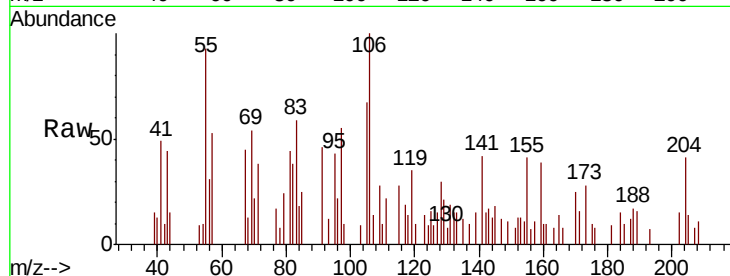




#54
 2,4-Dinitrophenol
 Concen: 6.377 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. 0.43 min
 Lab File: BG042486.D
 Acq: 25 Aug 2019 20:15

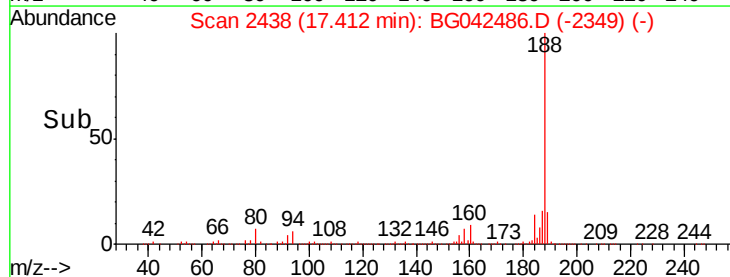
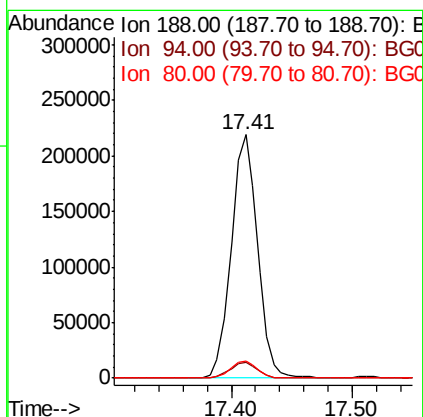
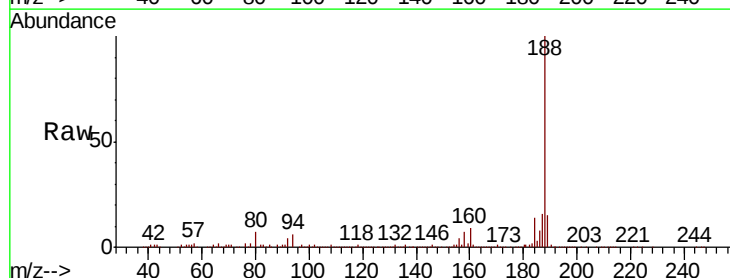
Instrument :
 BNA_G
 ClientSampleId :

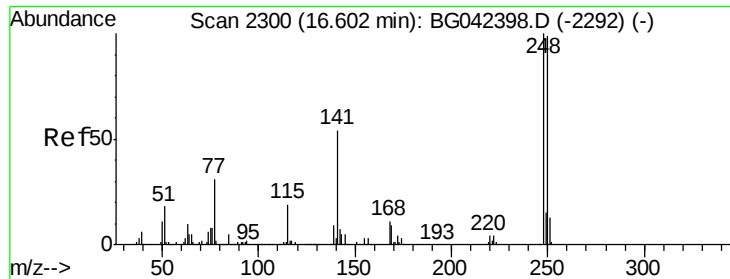
Tot Ion:184 Resp: 196
 Ion Ratio Lower Upper
 184 100
 63 0.0 31.7 47.5#
 154 75.3 42.0 63.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042486.D
 Acq: 25 Aug 2019 20:15

Tgt Ion:188 Resp: 332184
 Ion Ratio Lower Upper
 188 100
 94 6.5 4.5 6.7
 80 7.0 4.9 7.3

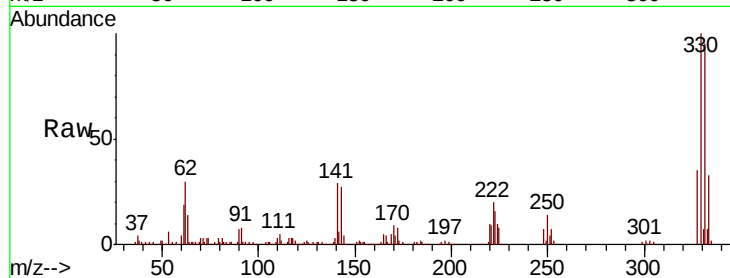




#67
 4-Bromophenyl-phenylether
 Concen: 4.090 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG042486.D
 Acq: 25 Aug 2019 20:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	197.4	78.9	118.3#
141	404.1	43.3	64.9#

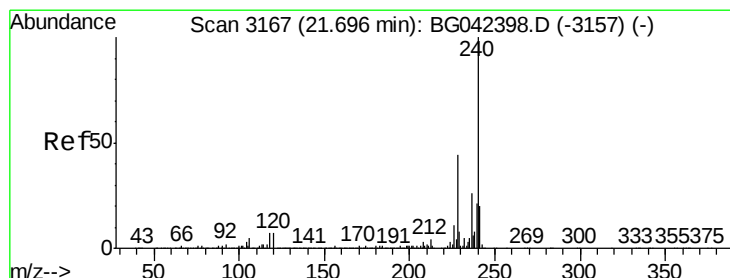
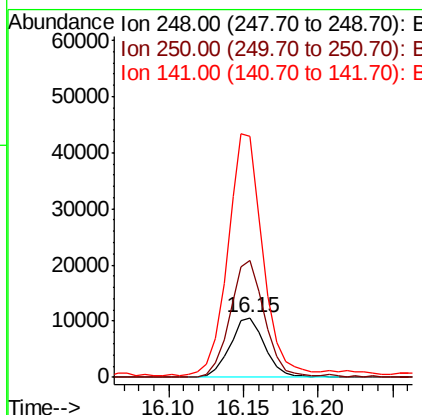
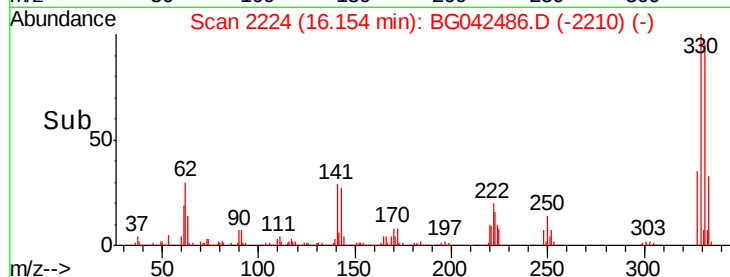


Abundance

Ion 248.00 (247.70 to 248.70): E

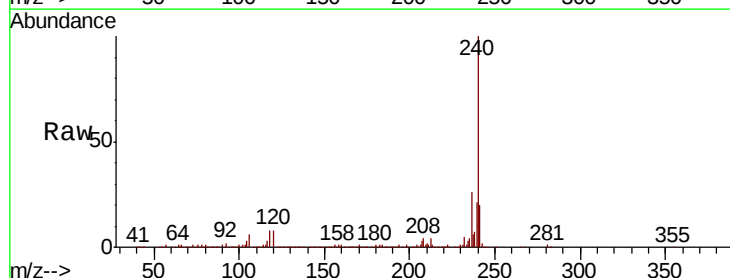
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042486.D
 Acq: 25 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.7	8.5
236	26.0	21.0	31.4

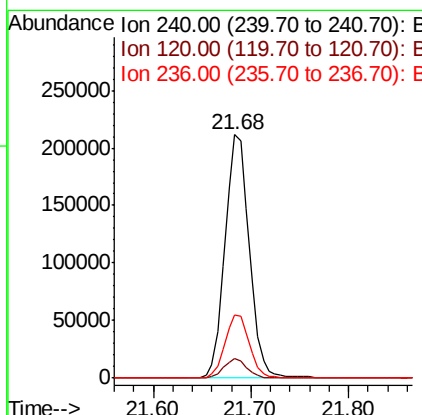
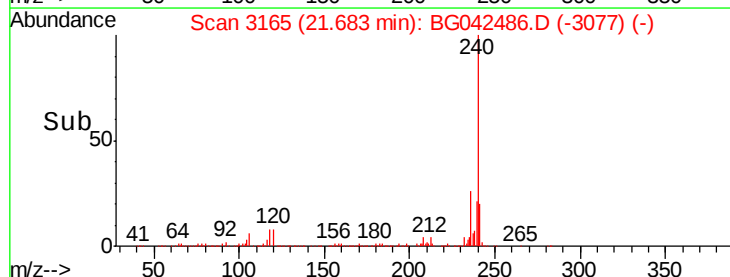


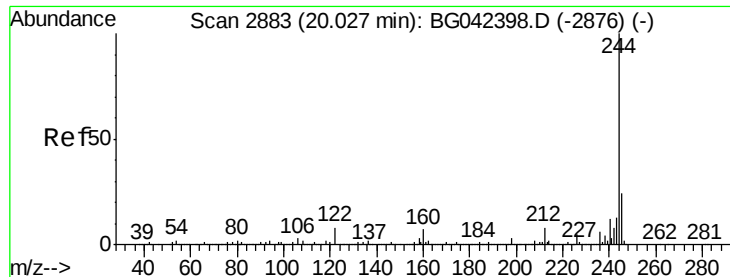
Abundance

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: 79.132 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042486.D

Acq: 25 Aug 2019 20:15

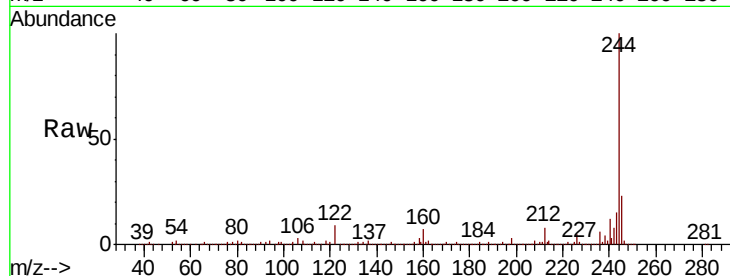
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1343113

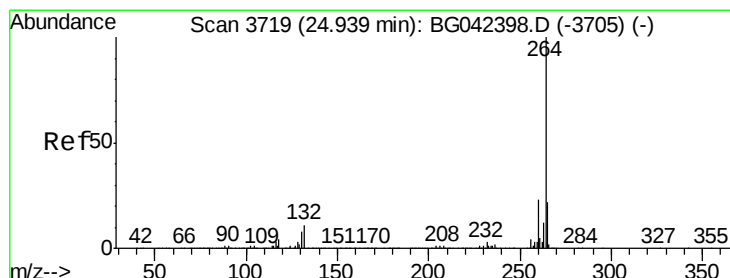
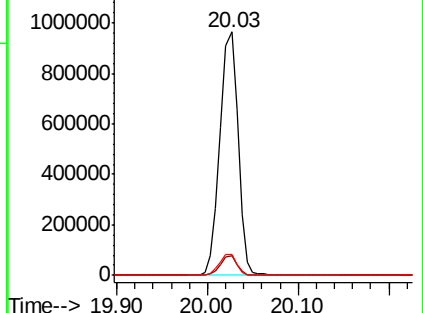
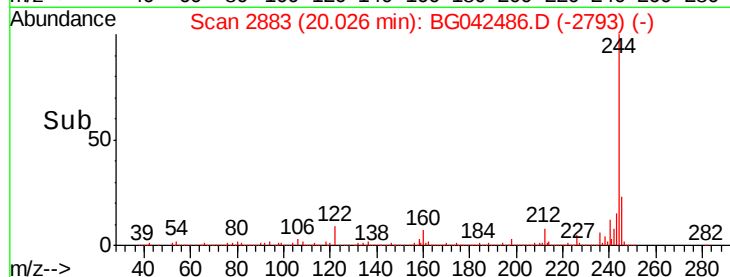
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	8.7	6.7	10.1



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# 3717

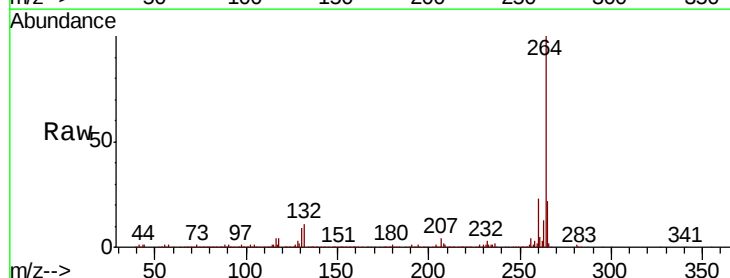
Delta R.T. -0.01 min

Lab File: BG042486.D

Acq: 25 Aug 2019 20:15

Tgt Ion:264 Resp: 426883

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.7	17.6	26.4



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

