

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042473.D
 Acq On : 25 Aug 2019 11:57
 Operator : HP/JU
 Sample : K4498-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 06:31:09 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

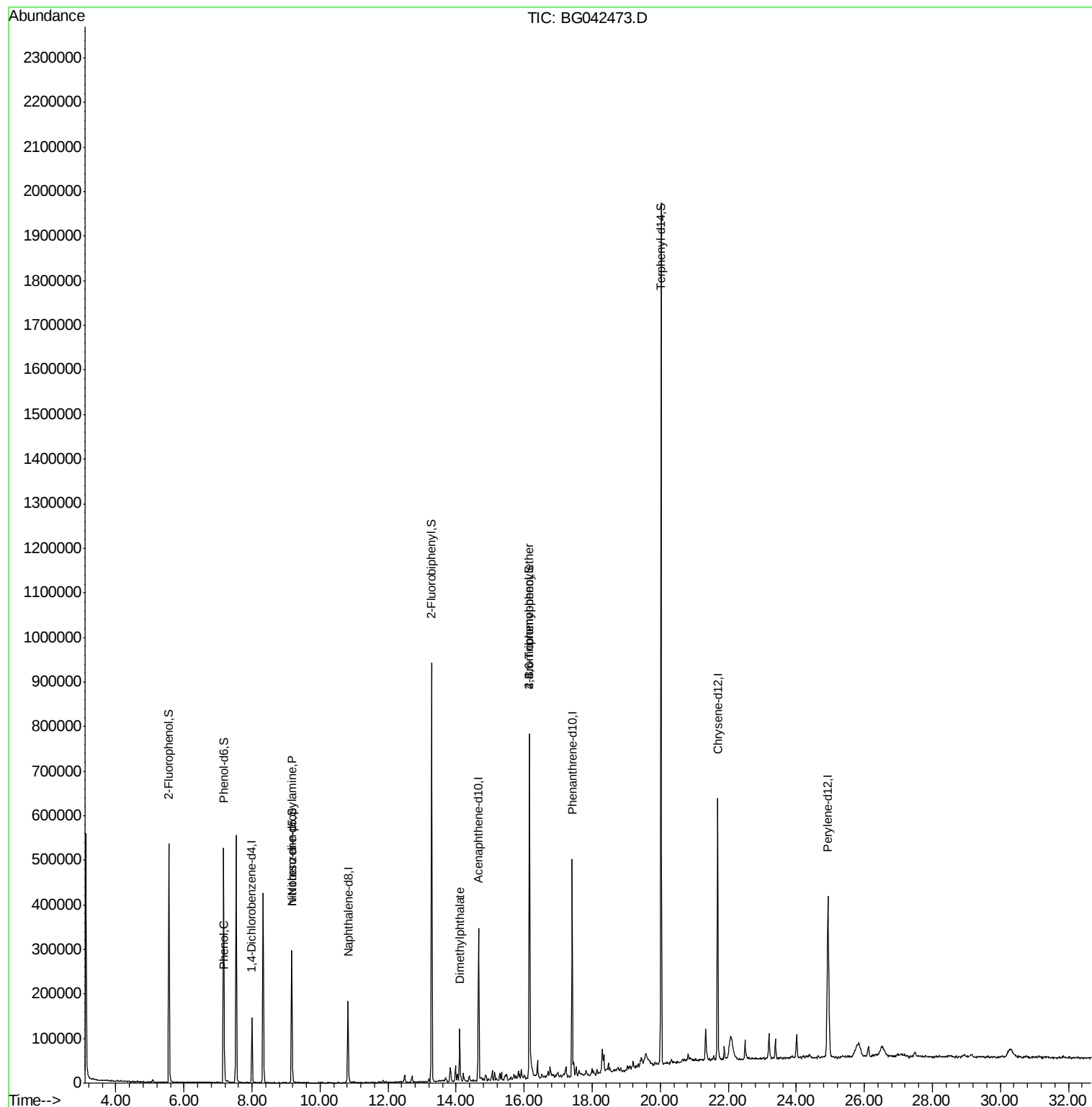
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	47349	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	186084	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	135246	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	325587	20.00	ng	0.00
76) Chrysene-d12	21.69	240	356071	20.00	ng	0.00
87) Perylene-d12	24.93	264	428656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	270399	115.66	ng	0.00
7) Phenol-d6	7.16	99	363361	115.06	ng	0.00
23) Nitrobenzene-d5	9.17	82	196874	73.11	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	209154	108.80	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	553099	69.17	ng	0.00
79) Terphenyl-d14	20.03	244	991061	60.17	ng	0.00
Target Compounds						
10) Phenol	7.19	94	8799	2.740	ng	82
19) n-Nitroso-di-n-propylamine	9.17	70	25539	12.483	ng	# 73
50) Dimethylphthalate	14.10	163	93670	9.599	ng	98
67) 4-Bromophenyl-phenylether	16.15	248	14550	3.523	ng	# 1

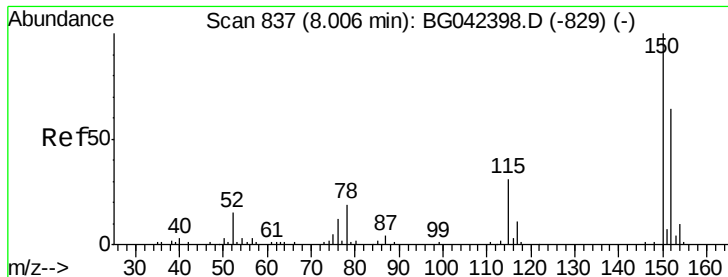
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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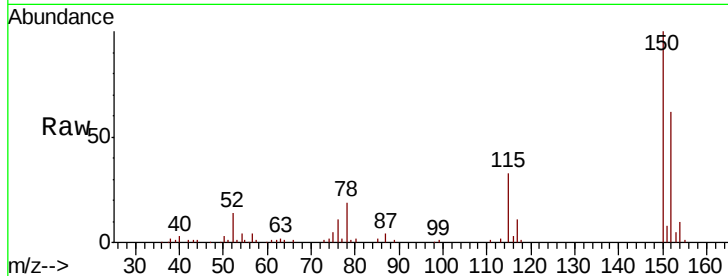


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042473.D
Acq: 25 Aug 2019 11:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	125.4	188.0
115	53.7	38.5	57.7

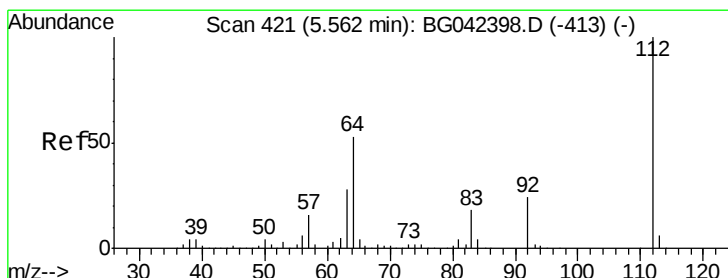
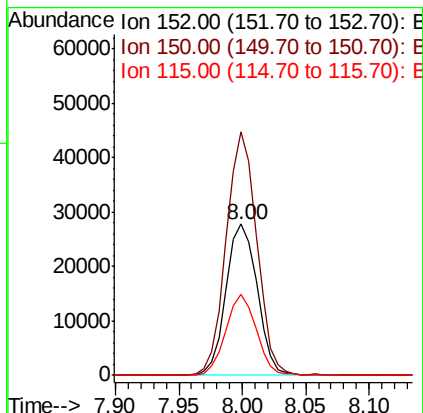
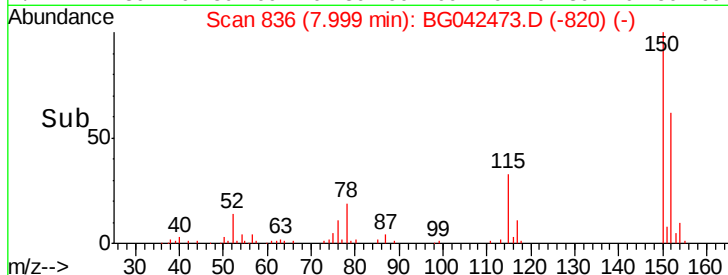


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

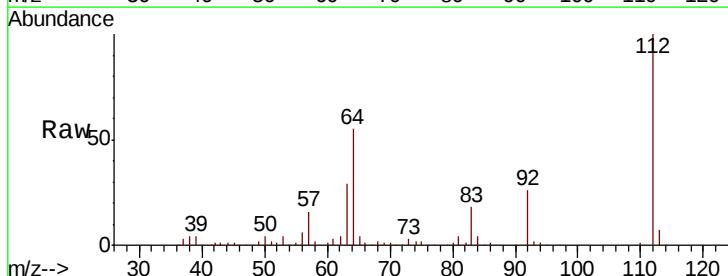
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.660 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042473.D
Acq: 25 Aug 2019 11:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	42.8	64.2
63	28.6	22.7	34.1

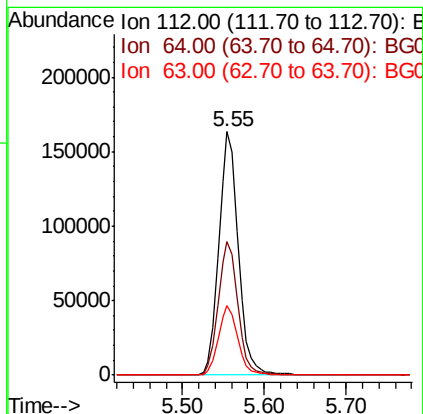
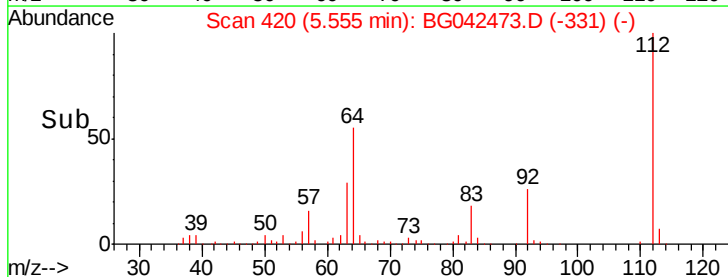


Abundance

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: 115.062 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

Instrument :

BNA_G

ClientSampled :

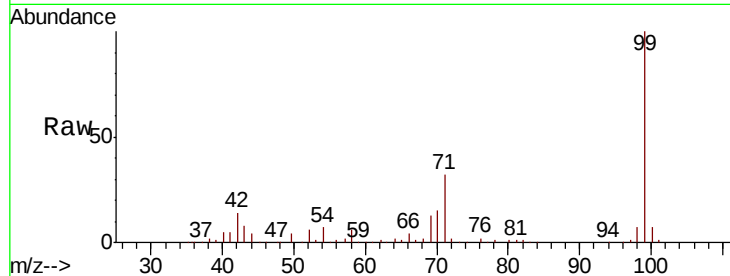
Tot Ion: 99 Resp: 363361

Ion Ratio Lower Upper

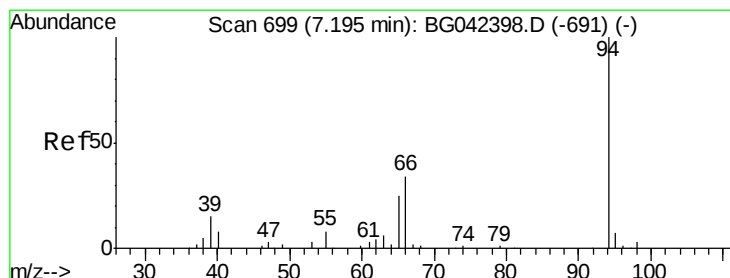
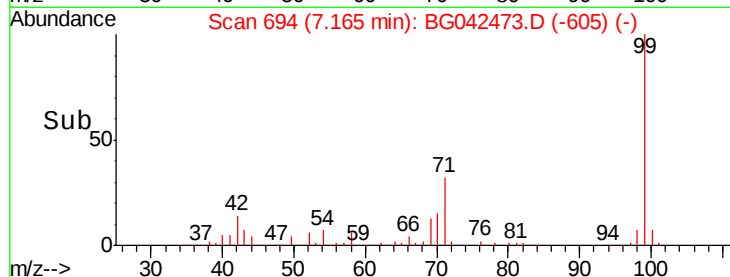
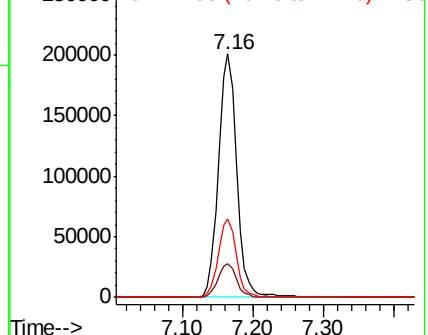
99 100

42 14.1 12.0 18.0

71 32.0 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



#10

Phenol

Concen: 2.740 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

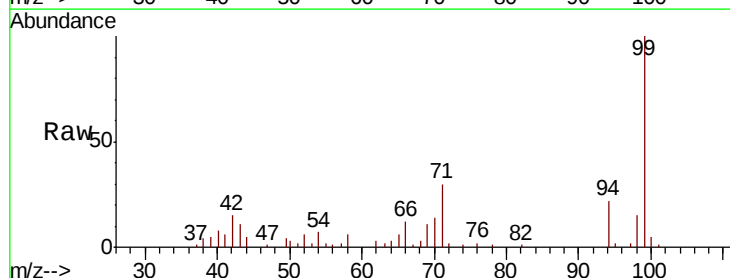
Tgt Ion: 94 Resp: 8799

Ion Ratio Lower Upper

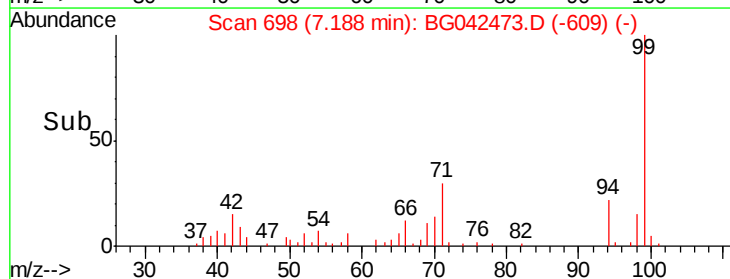
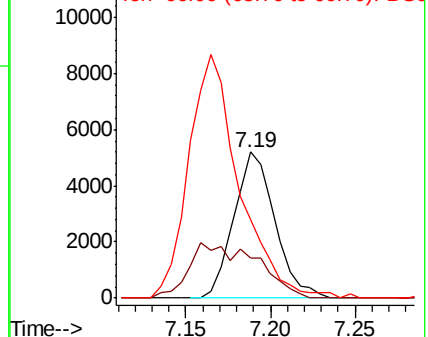
94 100

65 27.1 5.6 45.6

66 53.3 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

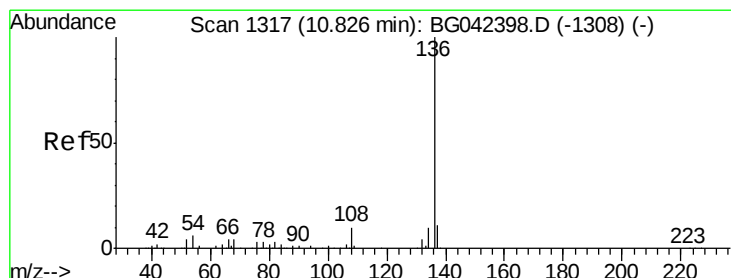
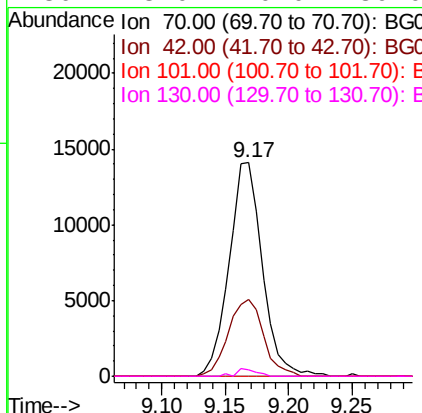
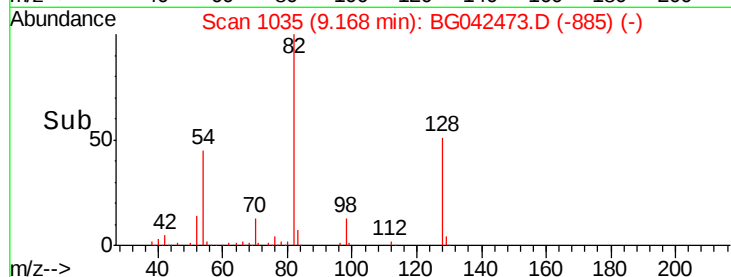
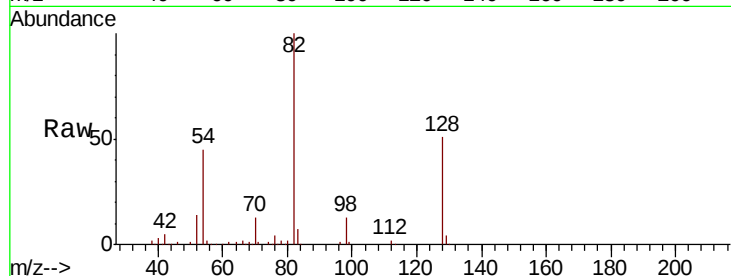




#19
n-Nitroso-di-n-propylamine
Concen: 12.483 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042473.D
Acq: 25 Aug 2019 11:57

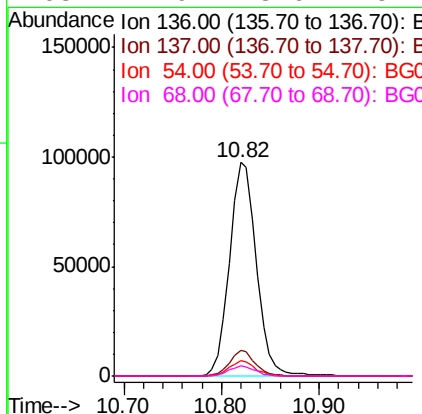
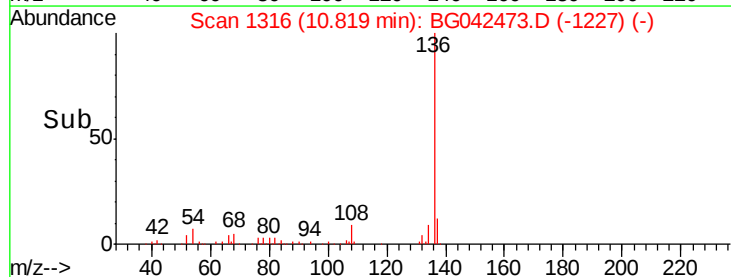
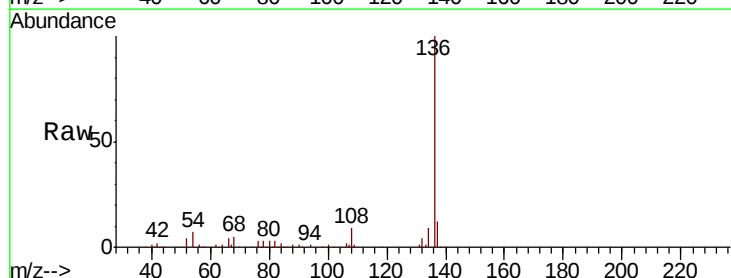
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 25539
Ion Ratio Lower Upper
70 100
42 35.9 38.8 58.2#
101 0.0 9.0 13.6#
130 3.0 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042473.D
Acq: 25 Aug 2019 11:57

Tgt Ion: 136 Resp: 186084
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 7.4 4.9 7.3#
68 4.9 3.6 5.4

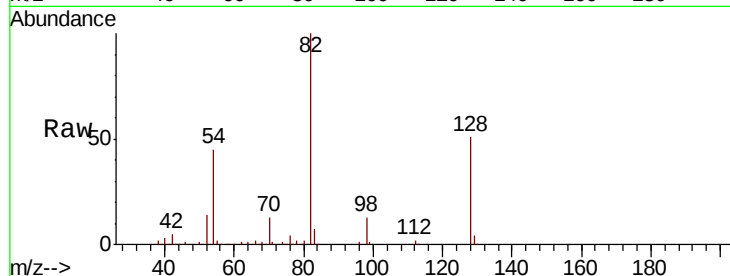




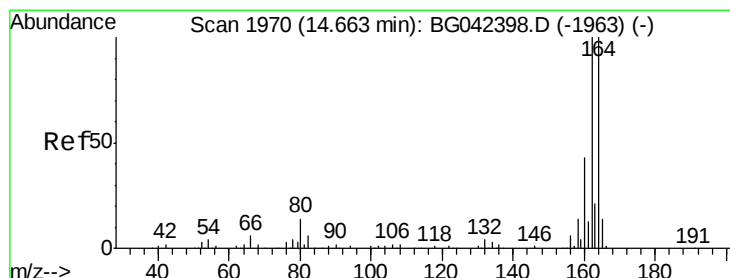
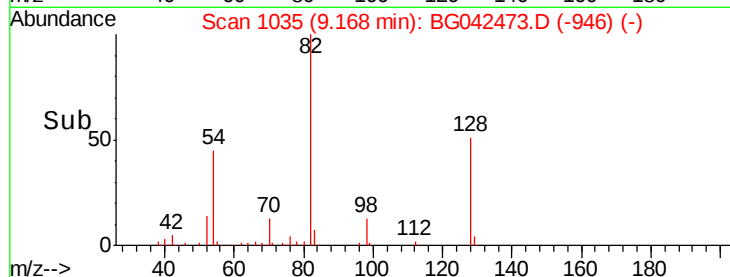
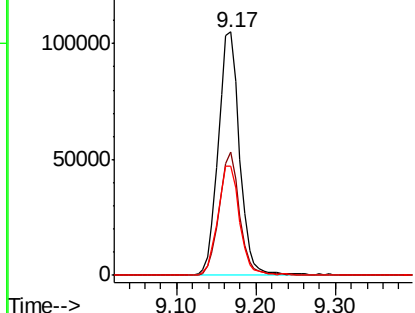
#23
Nitrobenzene-d5
Concen: 73.111 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042473.D
Acq: 25 Aug 2019 11:57

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 196874
Ion Ratio Lower Upper
82 100
128 50.8 40.7 61.1
54 44.6 36.3 54.5

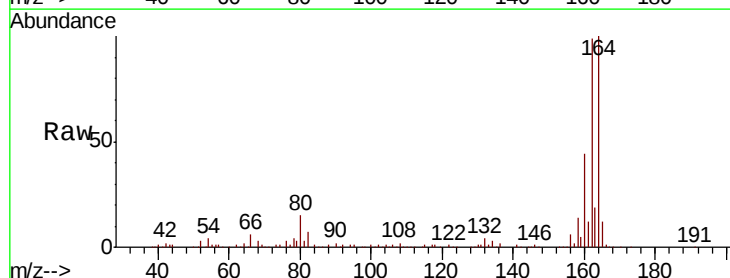


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

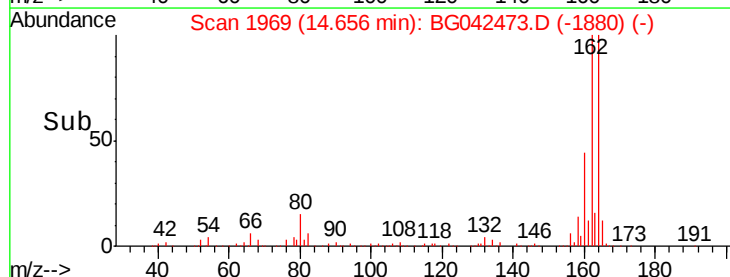
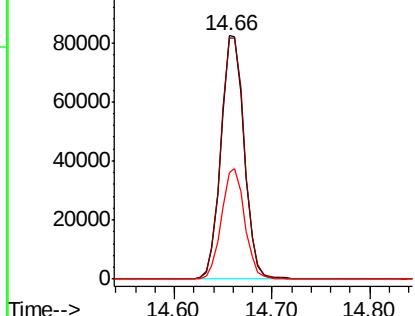


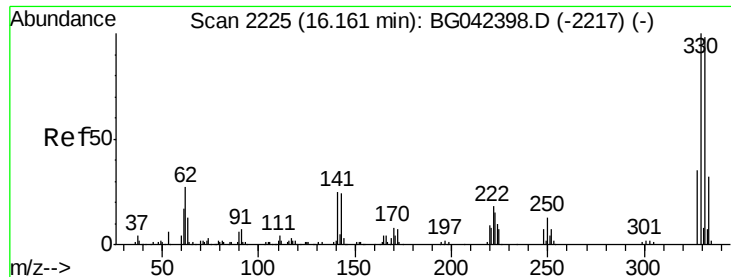
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042473.D
Acq: 25 Aug 2019 11:57

Tgt Ion:164 Resp: 135246
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 44.0 34.3 51.5



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

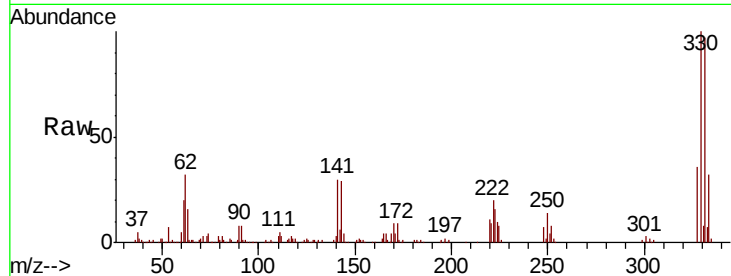




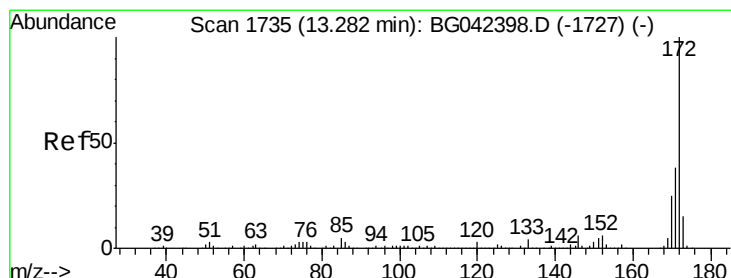
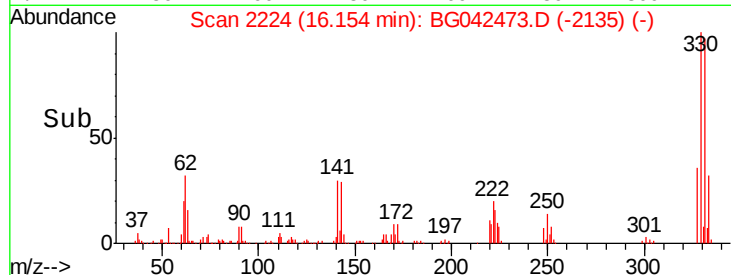
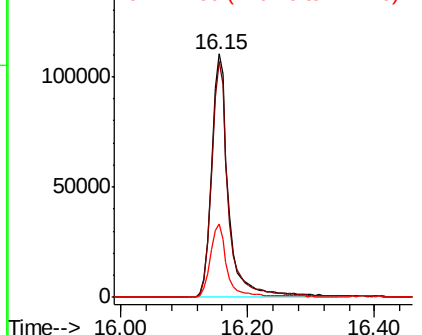
#42
 2,4,6-Tribromophenol
 Concen: 108.804 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042473.D
 Acq: 25 Aug 2019 11:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	30.3	21.4	32.0

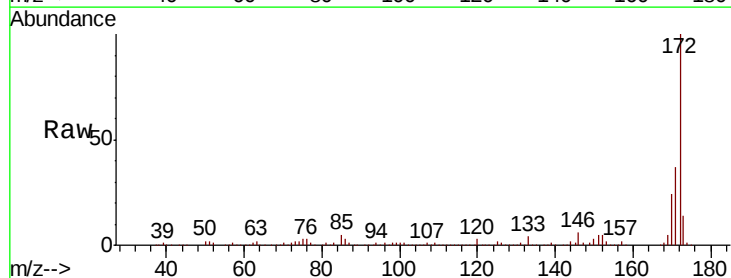


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

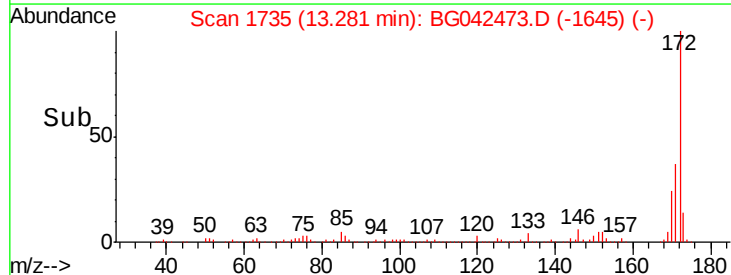
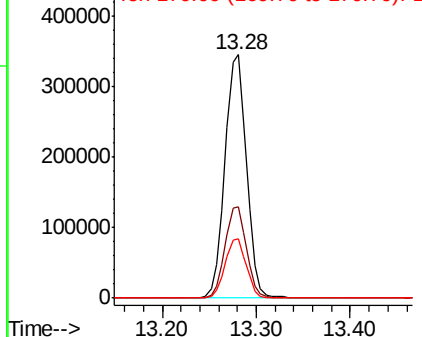


#45
 2-Fluorobiphenyl
 Concen: 69.166 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042473.D
 Acq: 25 Aug 2019 11:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.2	20.2	30.2



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: 9.599 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

Instrument :

BNA_G

ClientSampleId :

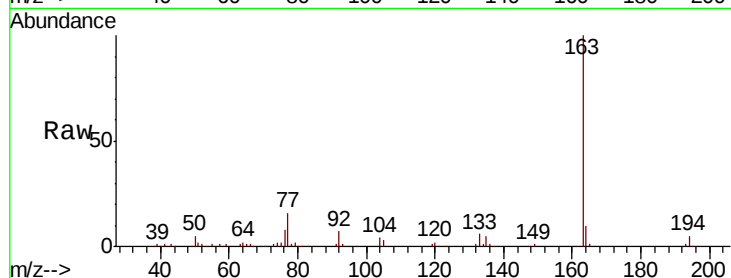
Tot Ion:163 Resp: 93670

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

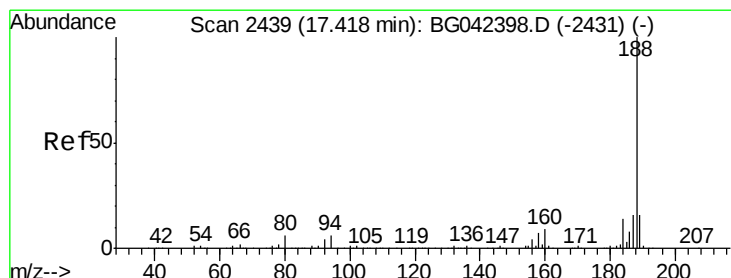
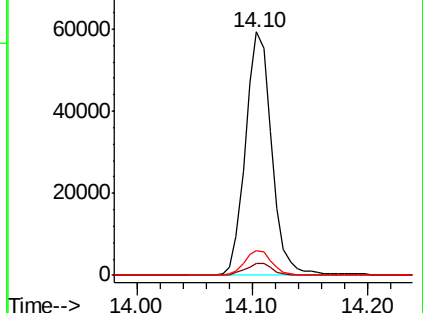
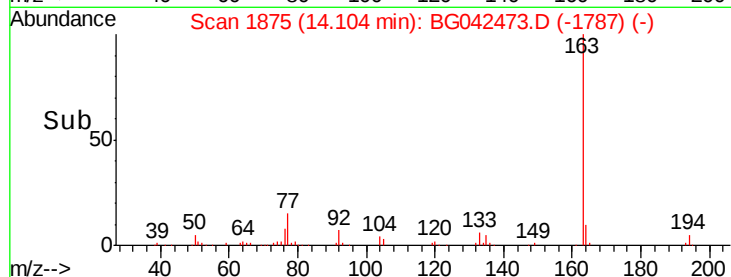
164 10.2 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

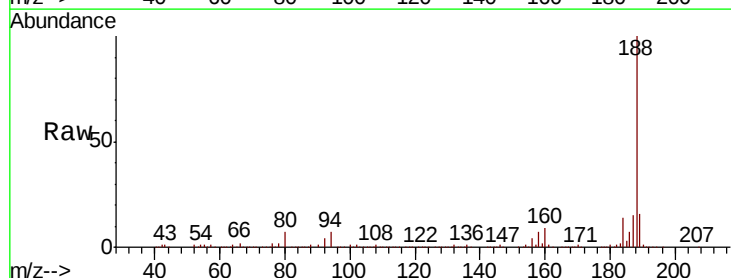
Tgt Ion:188 Resp: 325587

Ion Ratio Lower Upper

188 100

94 6.7 4.5 6.7

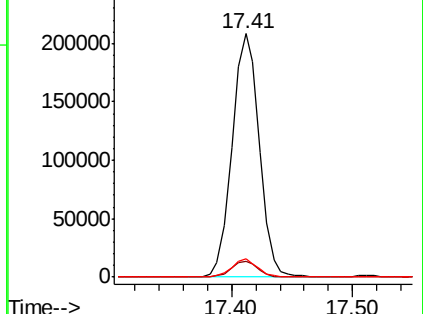
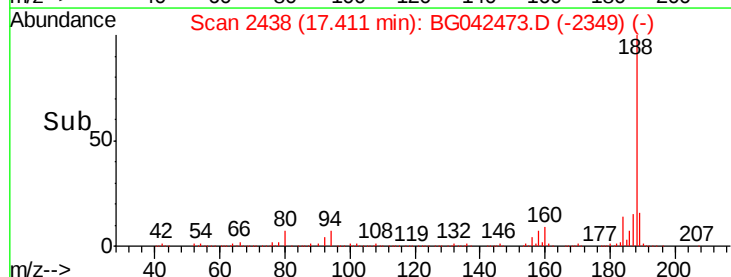
80 7.3 4.9 7.3#

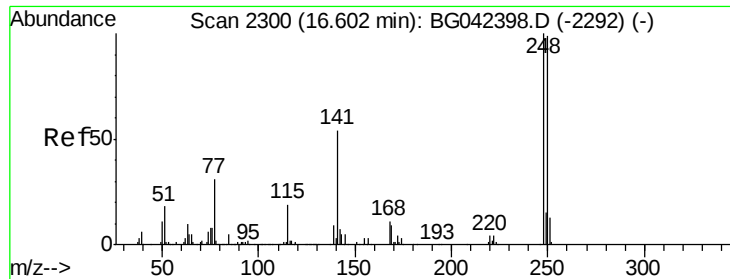


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

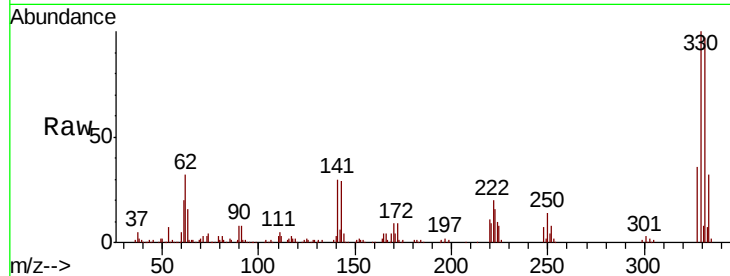




#67
 4-Bromophenyl-phenylether
 Concen: 3.523 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG042473.D
 Acq: 25 Aug 2019 11:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	191.5	78.9	118.3#
141	402.1	43.3	64.9#

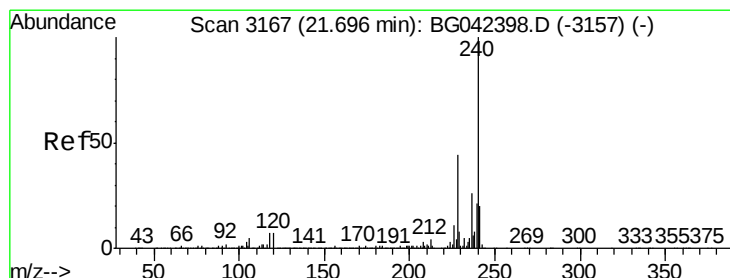
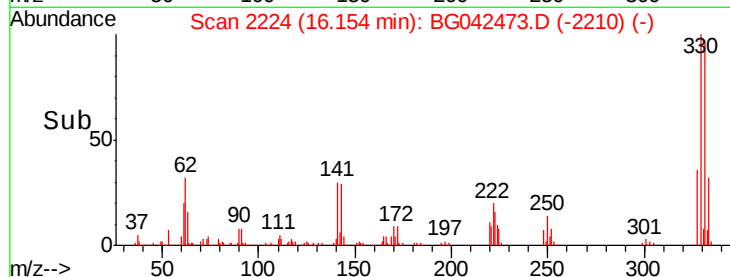
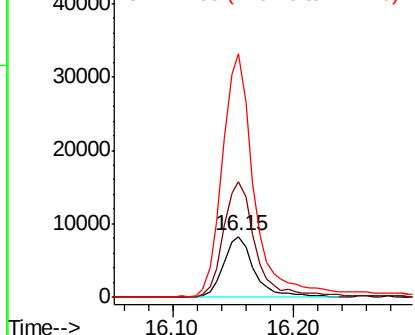


Abundance

Ion 248.00 (247.70 to 248.70): E

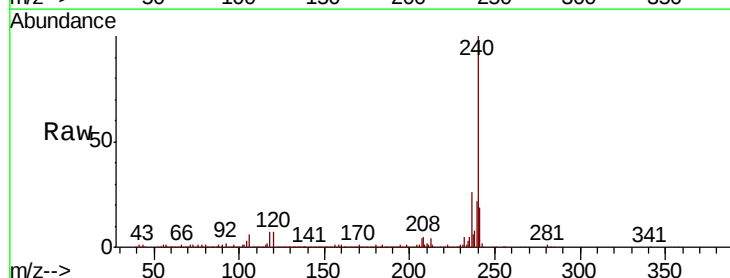
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG042473.D
 Acq: 25 Aug 2019 11:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.7	8.5
236	25.8	21.0	31.4

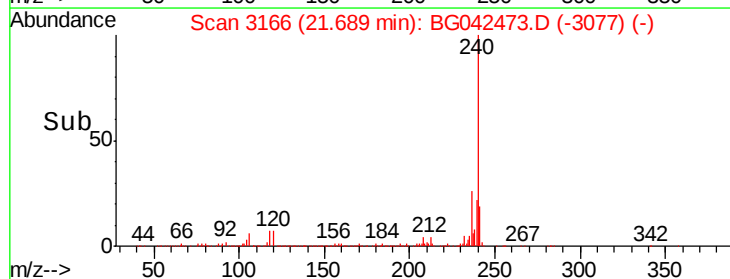
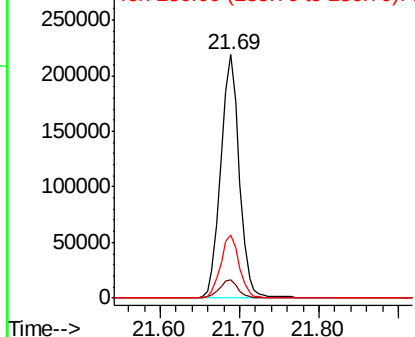


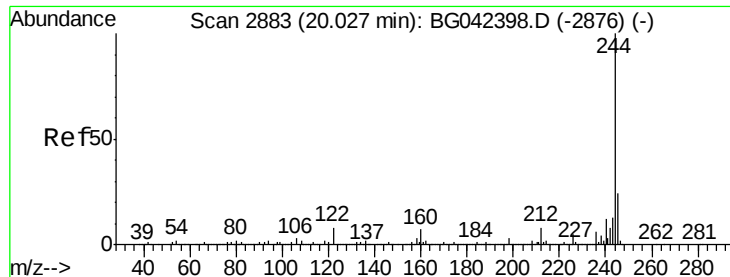
Abundance

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: 60.173 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

Instrument :

BNA_G

ClientSampled :

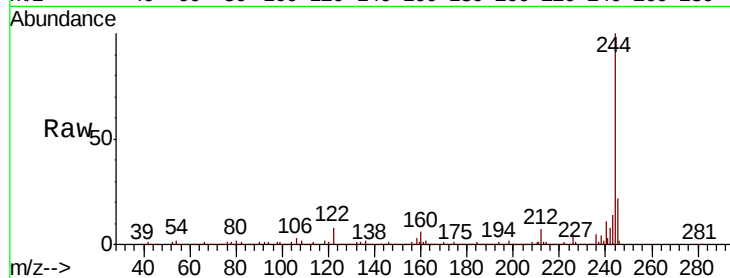
Tot Ion:244 Resp: 991061

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

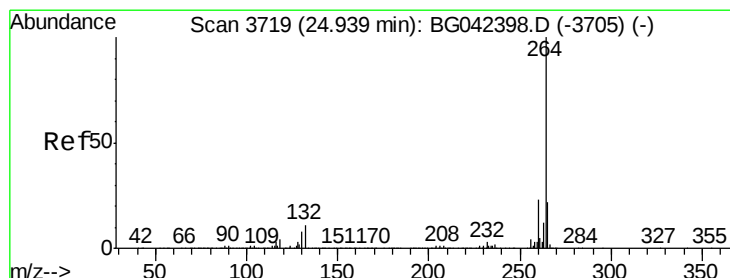
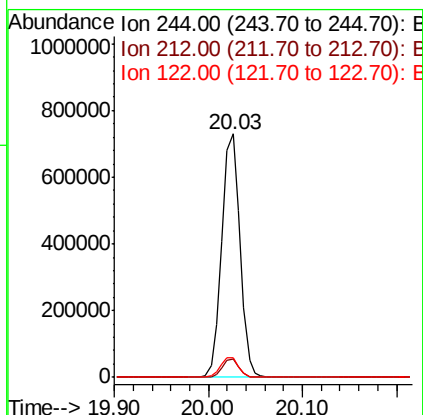
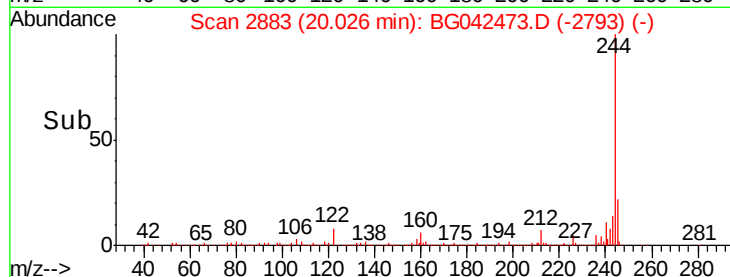
122 8.2 6.7 10.1



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# 3718

Delta R.T. -0.01 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

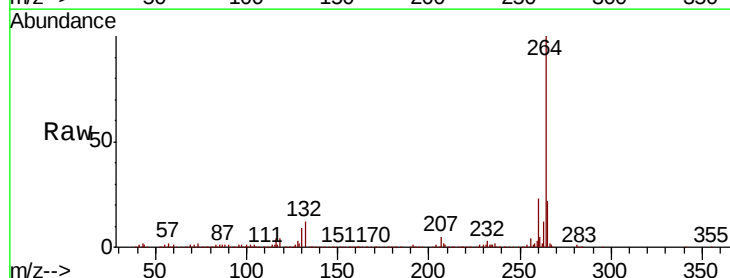
Tgt Ion:264 Resp: 428656

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.3 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

