

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042466.D
 Acq On : 24 Aug 2019 14:04
 Operator : HP/JU
 Sample : K4477-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 05:01:26 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

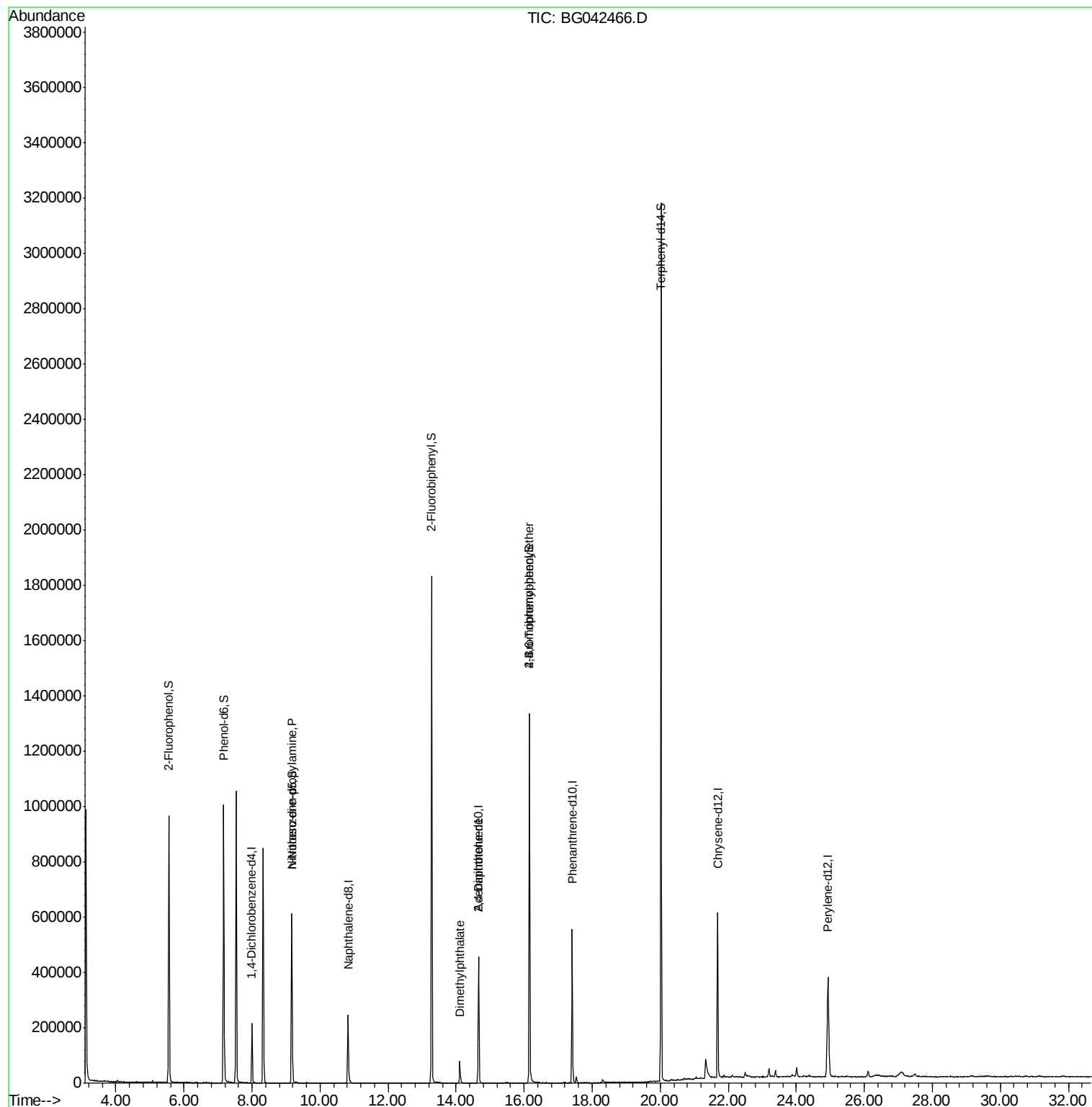
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	68348	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	271217	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	186988	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	392249	20.00	ng	0.00
76) Chrysene-d12	21.69	240	381981	20.00	ng	0.00
87) Perylene-d12	24.93	264	442806	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	493490	146.23	ng	0.00
7) Phenol-d6	7.16	99	683728	149.99	ng	0.00
23) Nitrobenzene-d5	9.17	82	404293	103.01	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	323365	121.67	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1078735	97.57	ng	0.00
79) Terphenyl-d14	20.03	244	1540256	87.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	51524	17.447	ng	Qvalue # 75
50) Dimethylphthalate	14.11	163	81270	6.024	ng	99
57) 2,4-Dinitrotoluene	14.66	165	24673	5.510	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	23661	4.756	ng	# 1

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

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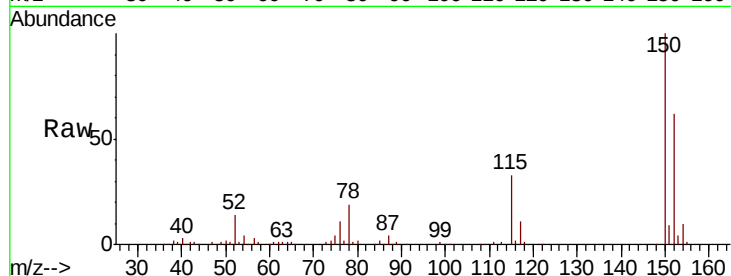


#1

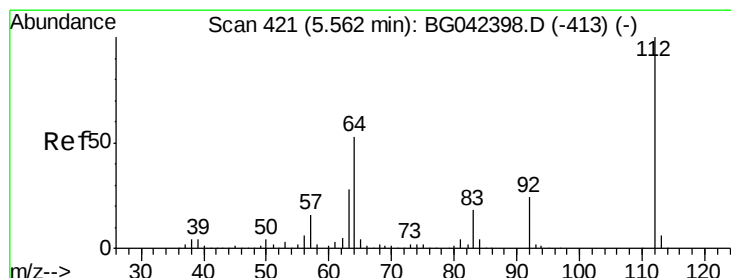
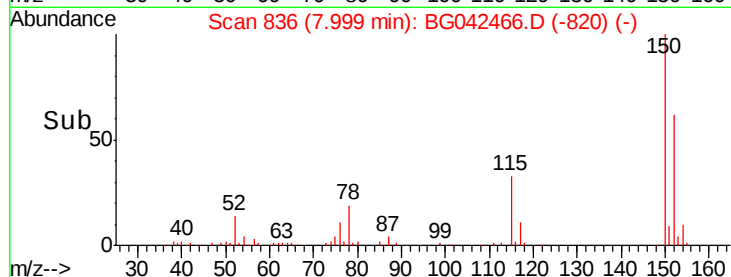
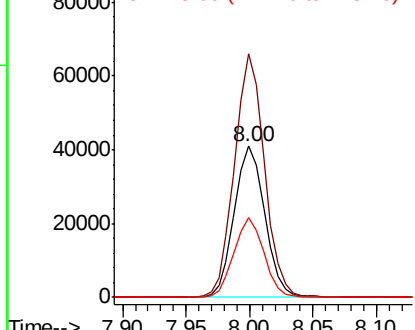
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042466.D
Acq: 24 Aug 2019 14:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 68348
Ion Ratio Lower Upper
152 100
150 161.1 125.4 188.0
115 52.8 38.5 57.7



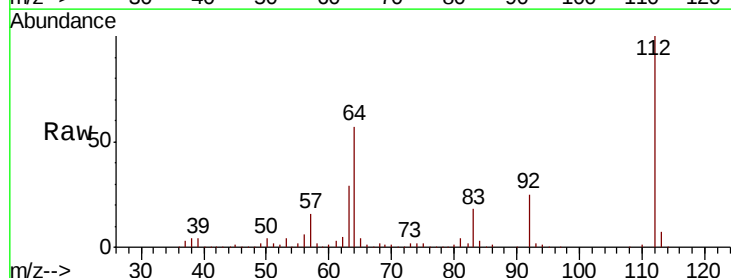
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



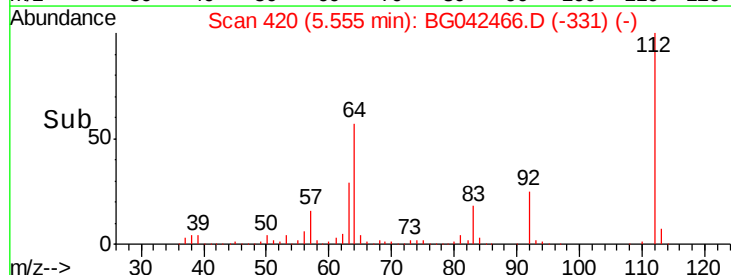
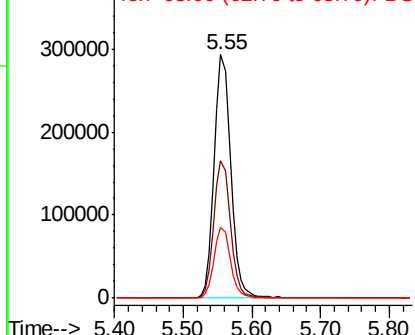
#5

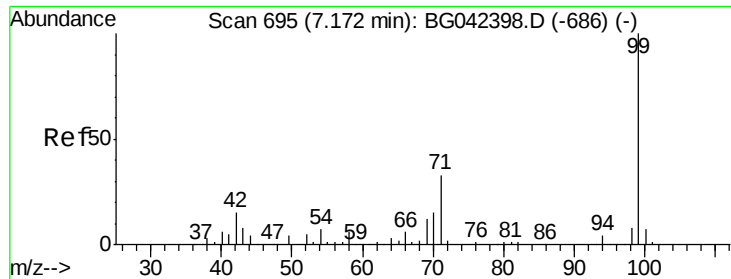
2-Fluorophenol
Concen: 146.231 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042466.D
Acq: 24 Aug 2019 14:04

Tgt Ion:112 Resp: 493490
Ion Ratio Lower Upper
112 100
64 56.6 42.8 64.2
63 29.3 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: 149.990 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042466.D

Acq: 24 Aug 2019 14:04

Instrument :

BNA_G

ClientSampled :

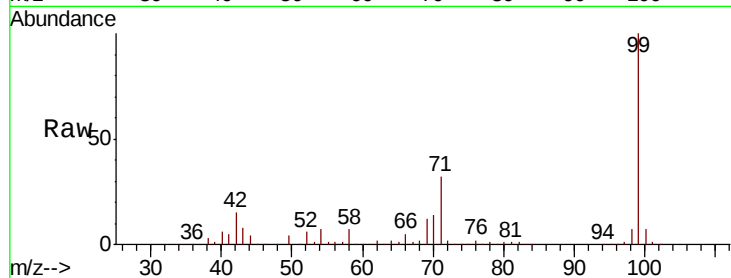
Tot Ion: 99 Resp: 683728

Ion Ratio Lower Upper

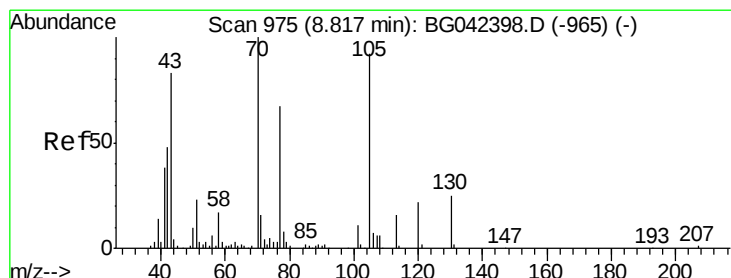
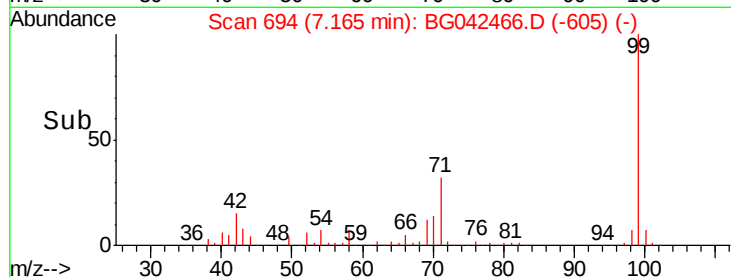
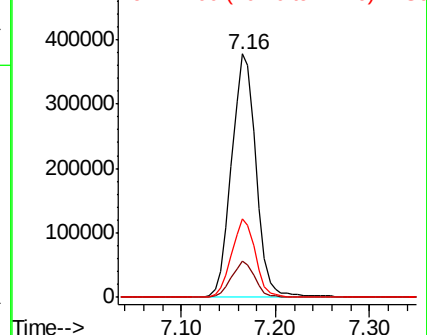
99 100

42 14.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.447 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.35 min

Lab File: BG042466.D

Acq: 24 Aug 2019 14:04

Tgt Ion: 70 Resp: 51524

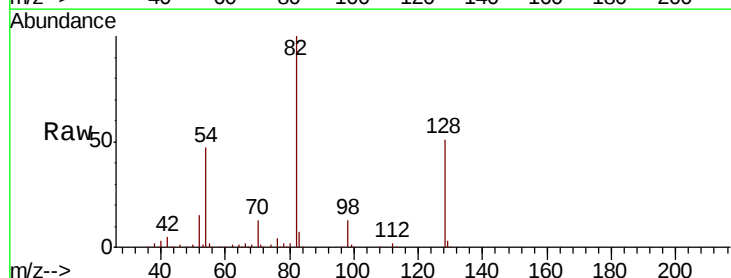
Ion Ratio Lower Upper

70 100

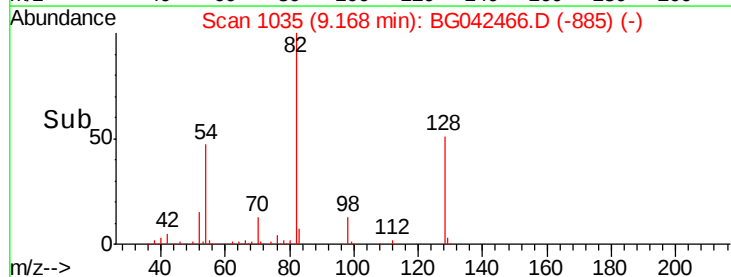
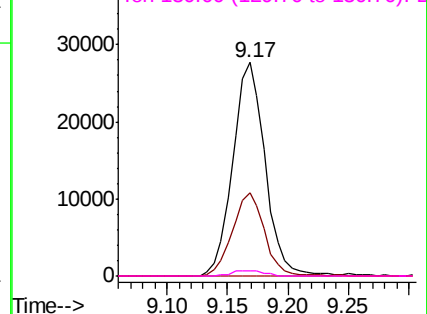
42 38.8 38.8 58.2#

101 0.0 9.0 13.6#

130 2.5 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

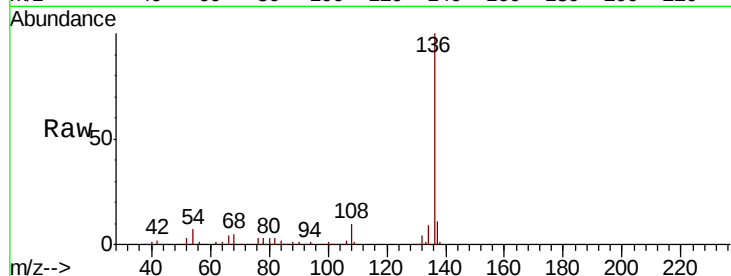




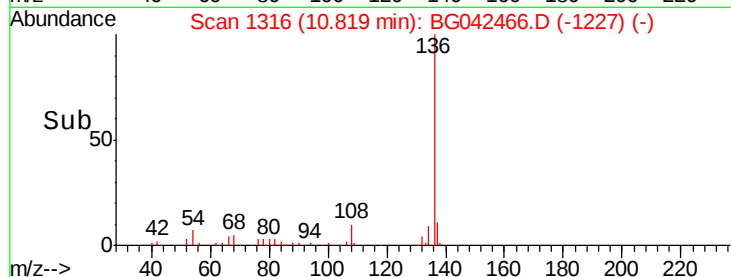
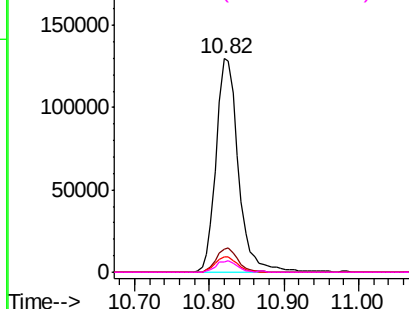
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042466.D
Acq: 24 Aug 2019 14:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	271217
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	7.0	4.9 7.3
68	5.1	3.6 5.4

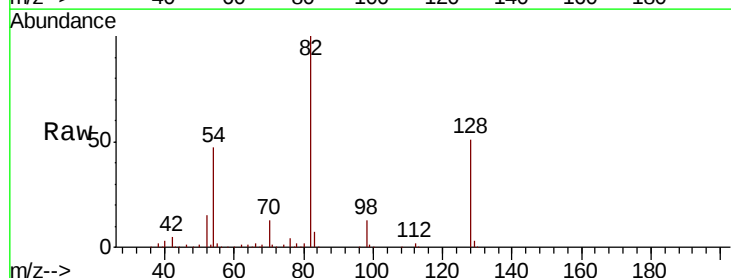


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

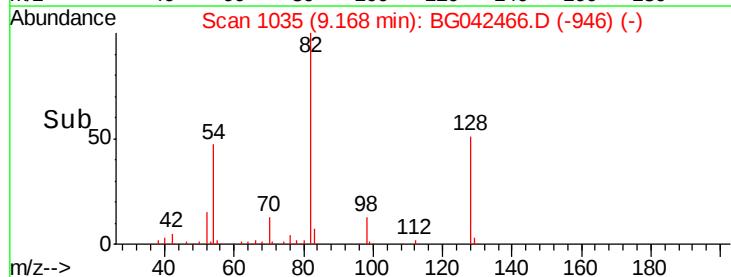
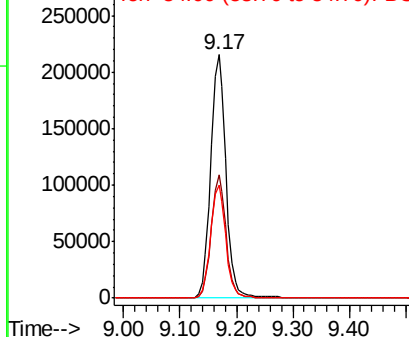


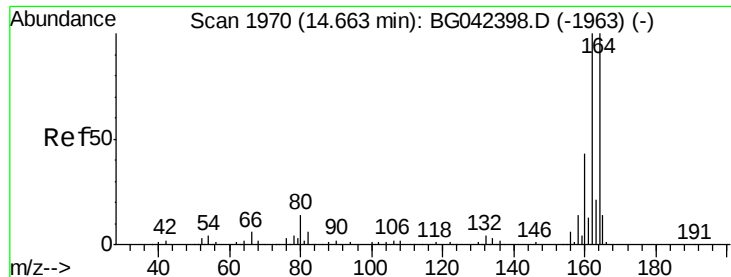
#23
Nitrobenzene-d5
Concen: 103.011 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042466.D
Acq: 24 Aug 2019 14:04

Tgt Ion: 82	Resp:	404293
Ion Ratio	Lower	Upper
82	100	
128	50.8	40.7 61.1
54	46.7	36.3 54.5



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

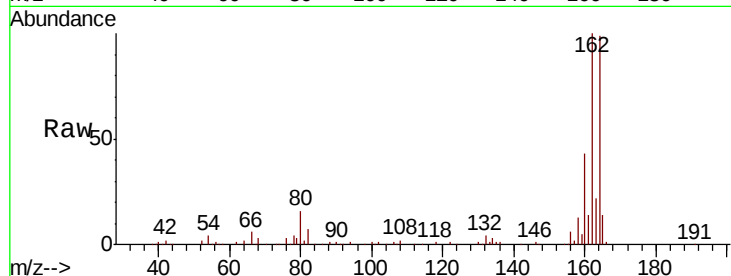




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042466.D
Acq: 24 Aug 2019 14:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.9	119.9
160	43.7	34.3	51.5

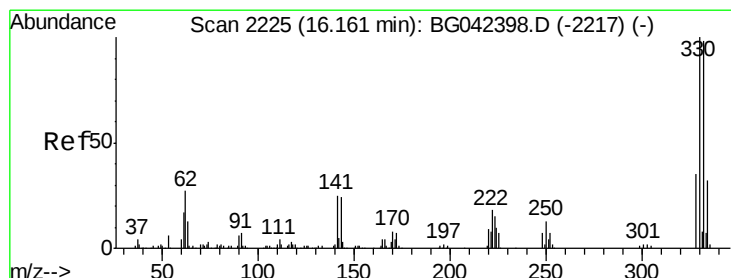
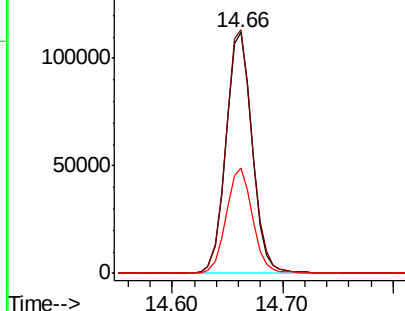
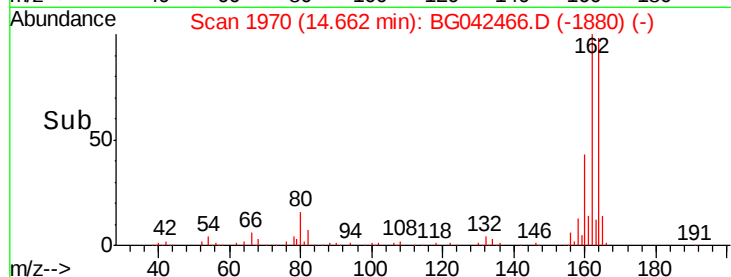


Abundance

Ion 164.00 (163.70 to 164.70): E

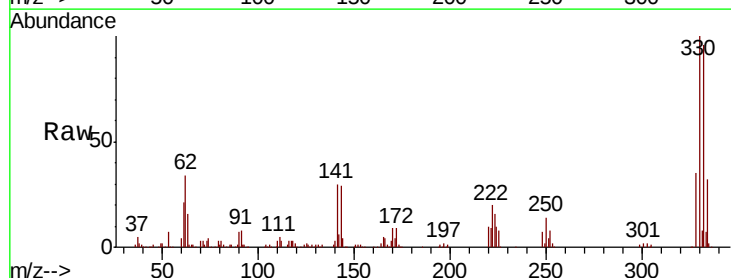
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 121.670 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042466.D
Acq: 24 Aug 2019 14:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	30.0	21.4	32.0

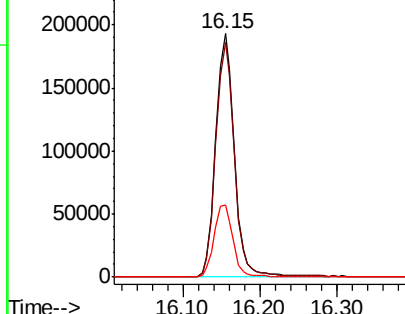
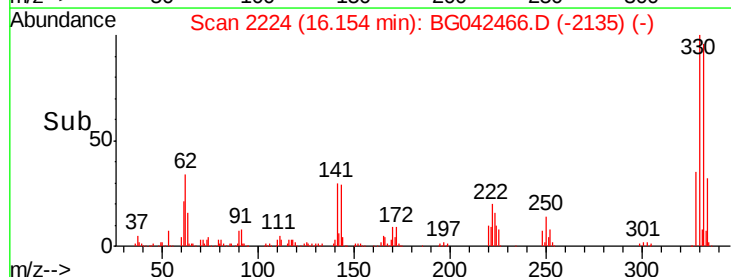


Abundance

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

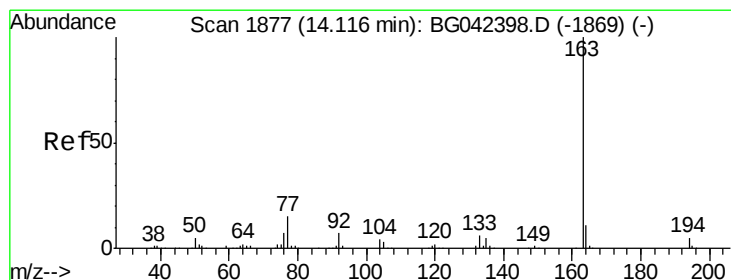
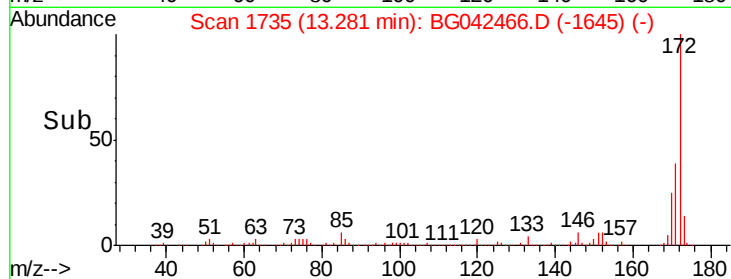
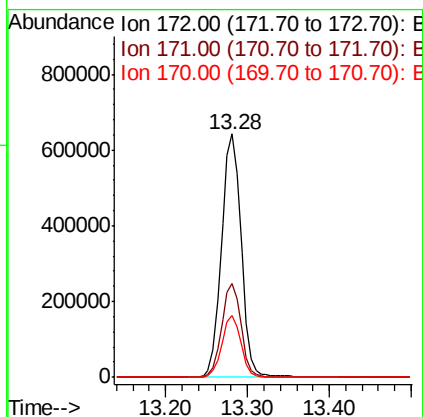
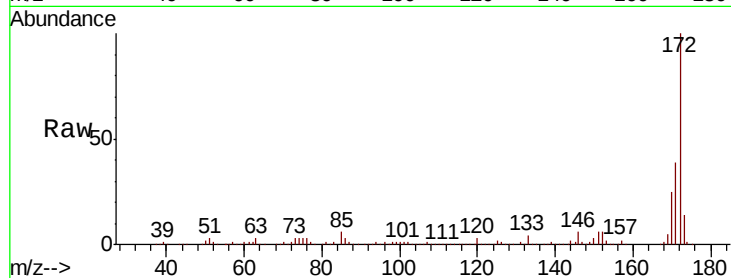




#45
2-Fluorobiphenyl
Concen: 97.570 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042466.D
Acq: 24 Aug 2019 14:04

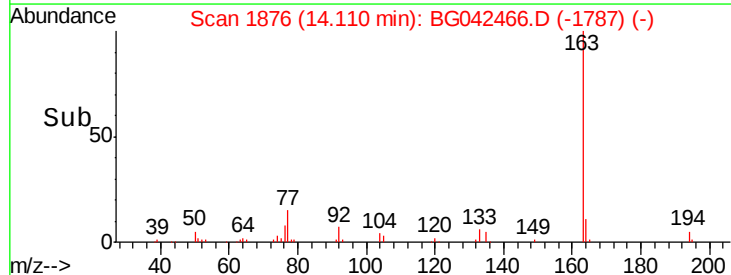
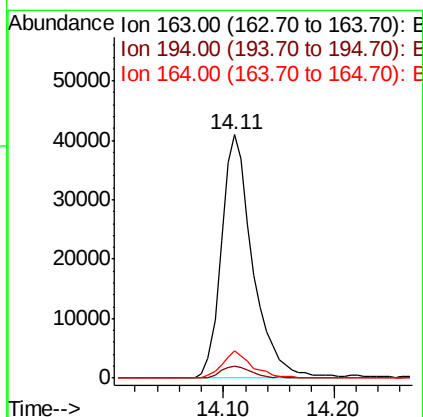
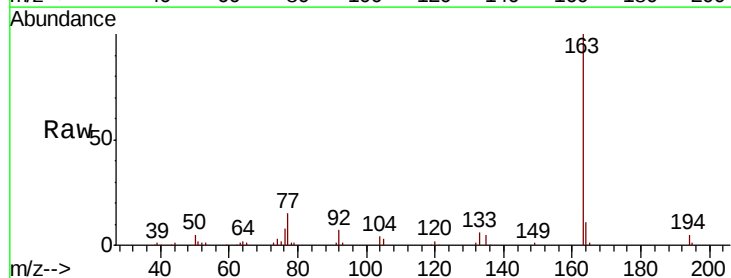
Instrument :
BNA_G
ClientSampleId :

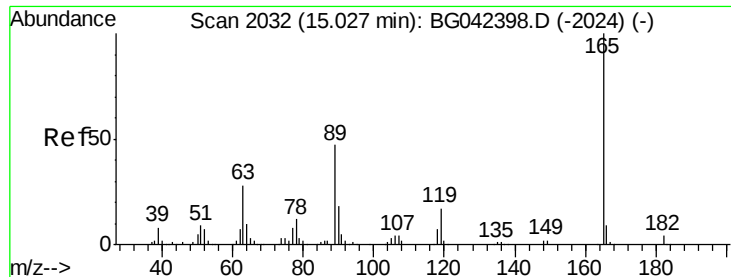
Tot Ion:172 Resp: 1078735
Ion Ratio Lower Upper
172 100
171 38.7 30.5 45.7
170 25.3 20.2 30.2



#50
Dimethylphthalate
Concen: 6.024 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042466.D
Acq: 24 Aug 2019 14:04

Tgt Ion:163 Resp: 81270
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 11.3 8.8 13.2

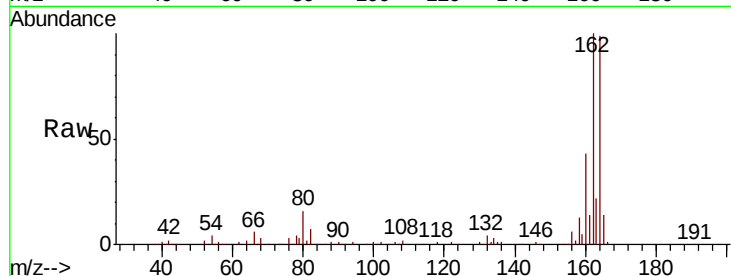




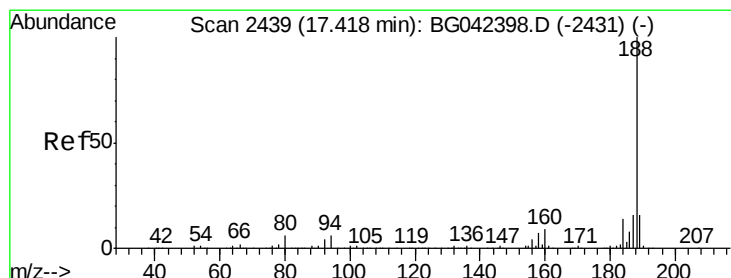
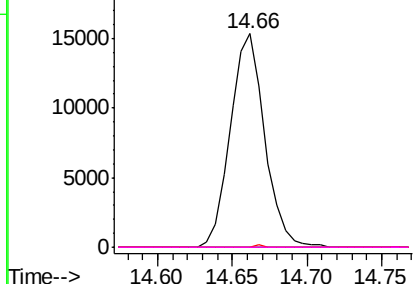
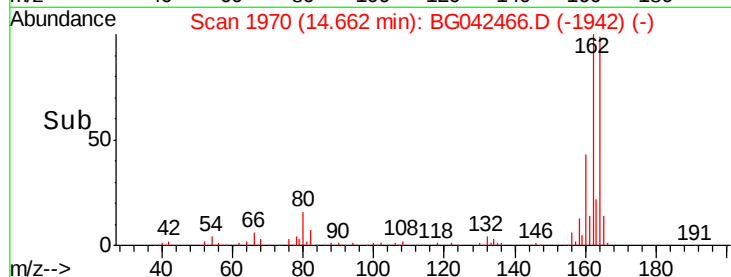
#57
 2,4-Dinitrotoluene
 Concen: 5.510 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.37 min
 Lab File: BG042466.D
 Acq: 24 Aug 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 24673
 Ion Ratio Lower Upper
 165 100
 63 0.0 22.5 33.7#
 89 0.0 37.8 56.6#
 182 0.0 3.0 4.4#

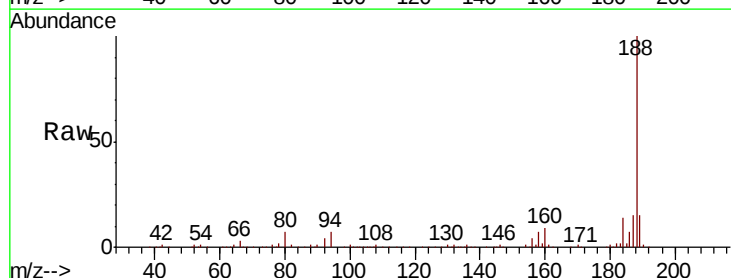


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

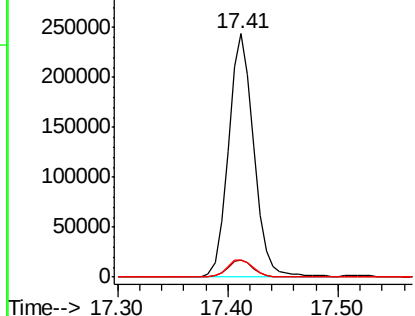
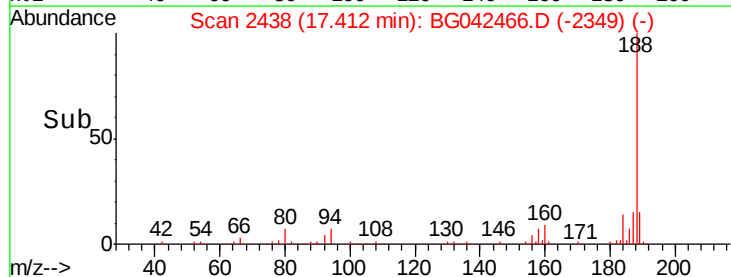


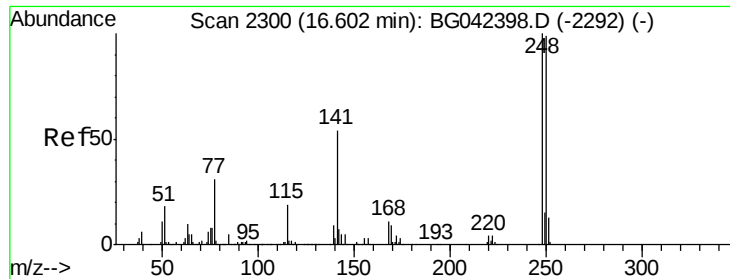
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042466.D
 Acq: 24 Aug 2019 14:04

Tgt Ion:188 Resp: 392249
 Ion Ratio Lower Upper
 188 100
 94 7.0 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

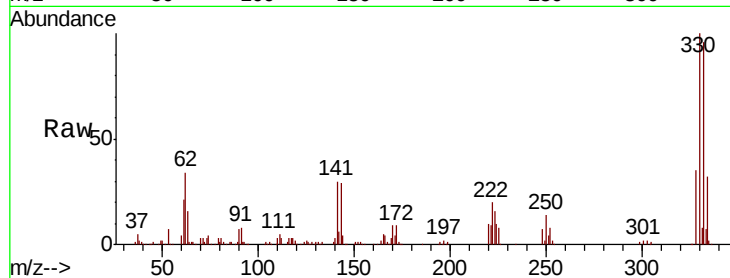




#67
 4-Bromophenyl-phenylether
 Concen: 4.756 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG042466.D
 Acq: 24 Aug 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	191.3	78.9	118.3#
141	406.9	43.3	64.9#

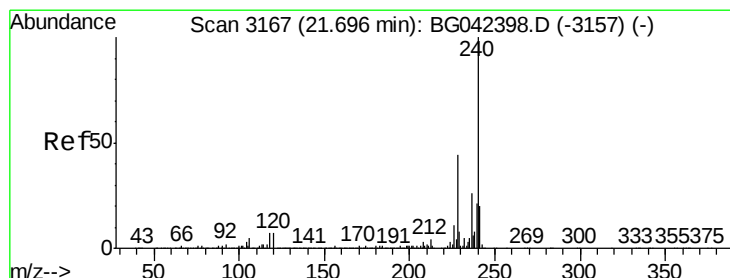
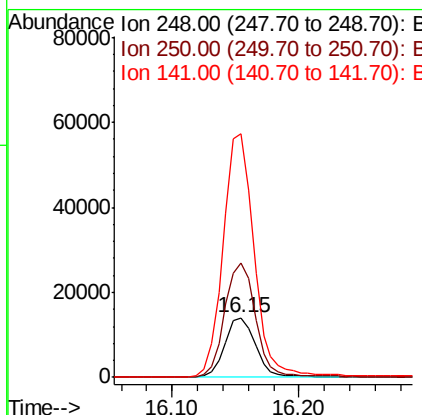
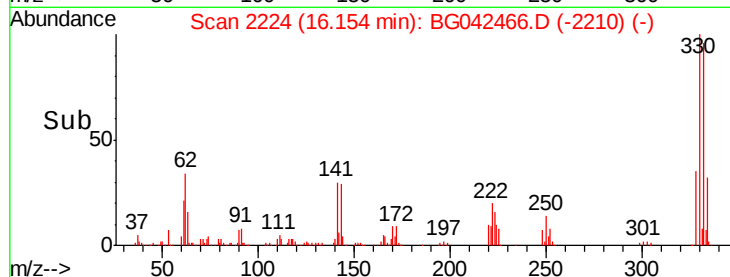


Abundance

Ion 248.00 (247.70 to 248.70): E

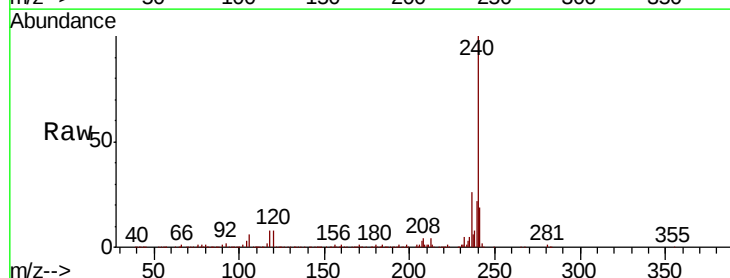
Ion 250.00 (249.70 to 250.70): E

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: BG042466.D
 Acq: 24 Aug 2019 14:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.7	8.5
236	26.3	21.0	31.4

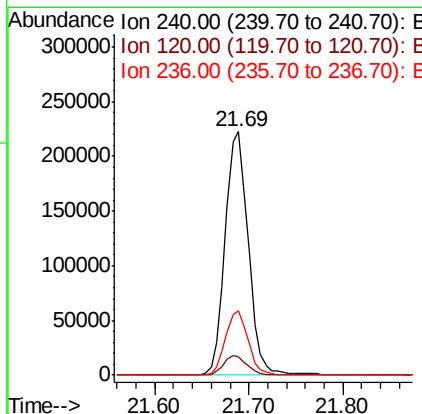
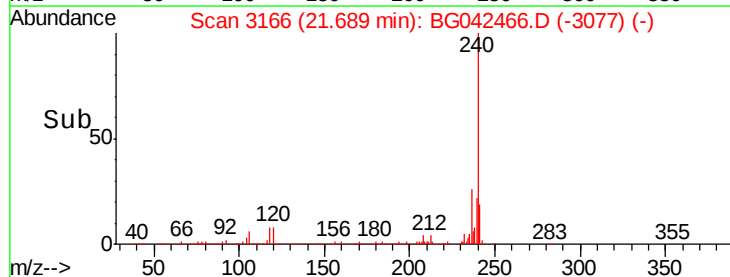


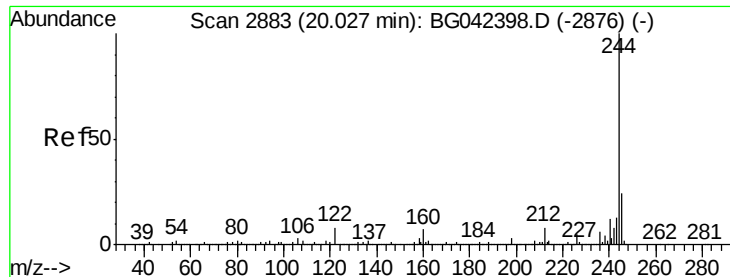
Abundance

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: 87.175 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042466.D

Acq: 24 Aug 2019 14:04

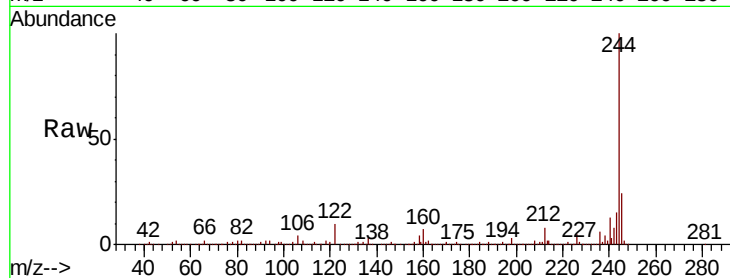
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1540256

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	9.6	6.7	10.1

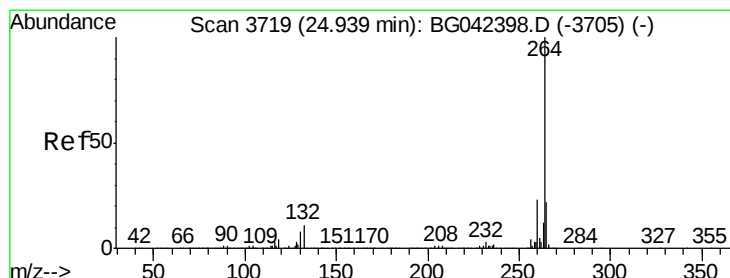
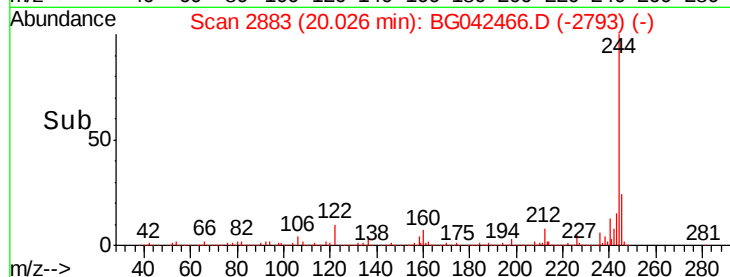
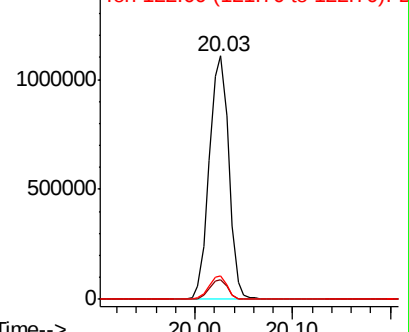


Abundance

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

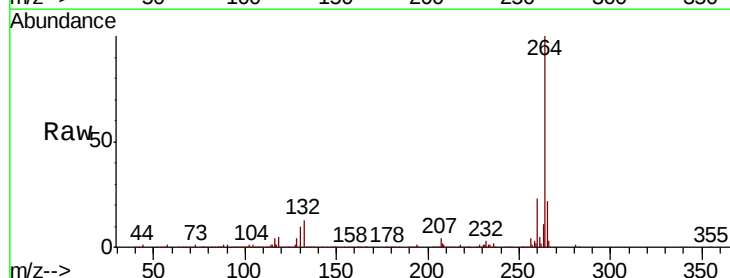
Delta R.T. -0.01 min

Lab File: BG042466.D

Acq: 24 Aug 2019 14:04

Tgt Ion:264 Resp: 442806

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.5	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

