

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042426.D
 Acq On : 23 Aug 2019 9:46
 Operator : HP/JU
 Sample : PB122423BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 17:21:32 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

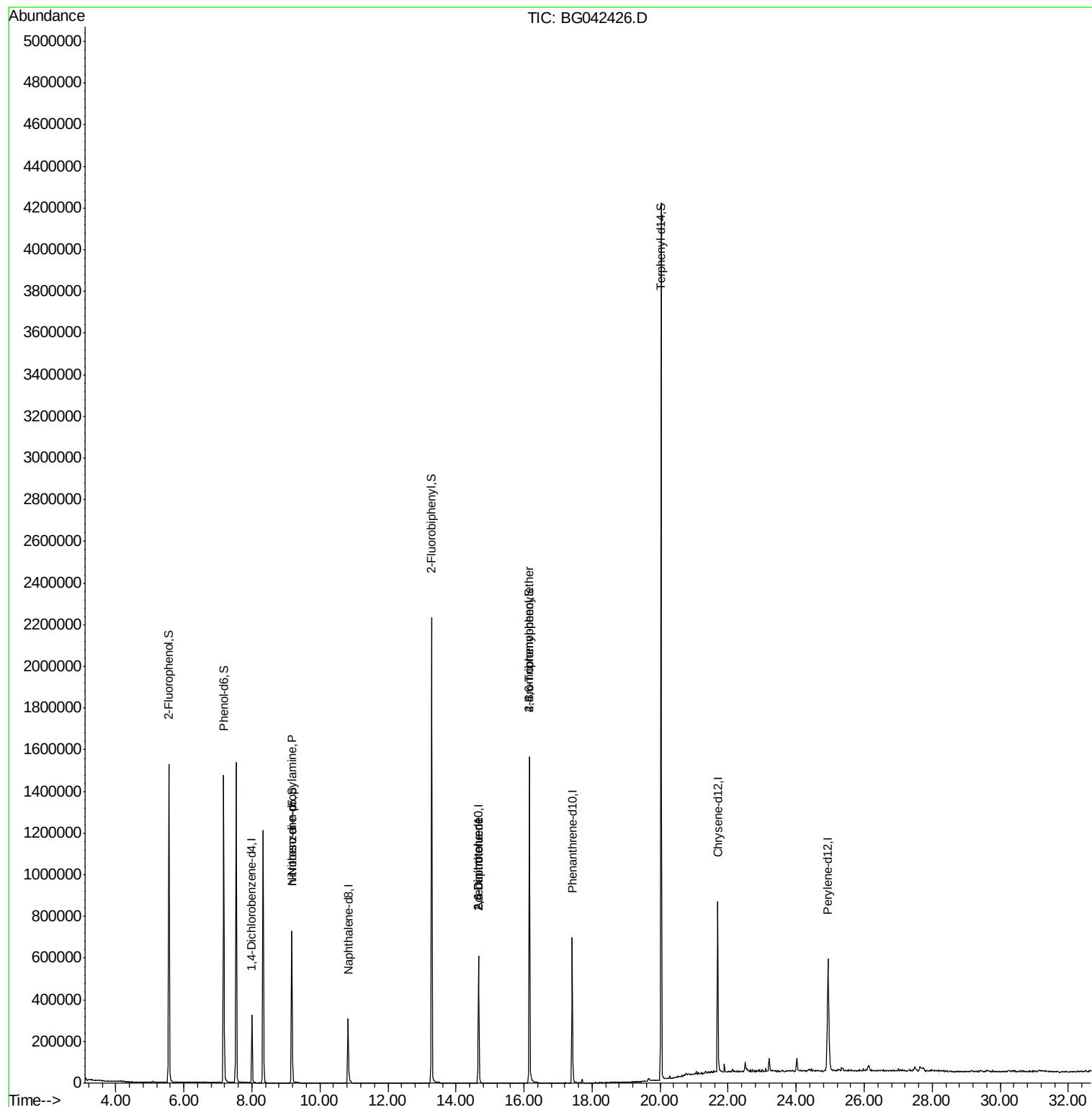
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	108057	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	350136	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	239260	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	506060	20.00	ng	0.00
76) Chrysene-d12	21.69	240	520811	20.00	ng	0.00
87) Perylene-d12	24.93	264	610178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	806879	151.23	ng	0.00
7) Phenol-d6	7.17	99	1064913	147.76	ng	0.00
23) Nitrobenzene-d5	9.17	82	493406	97.38	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	381440	112.17	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1337926	94.58	ng	0.00
79) Terphenyl-d14	20.03	244	1990731	82.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	61029	13.071	ng	# 74
51) 2,6-Dinitrotoluene	14.66	165	31041	7.757	ng	# 37
57) 2,4-Dinitrotoluene	14.66	165	31041	5.417	ng	# 39
67) 4-Bromophenyl-phenylether	16.16	248	27167	4.232	ng	# 1

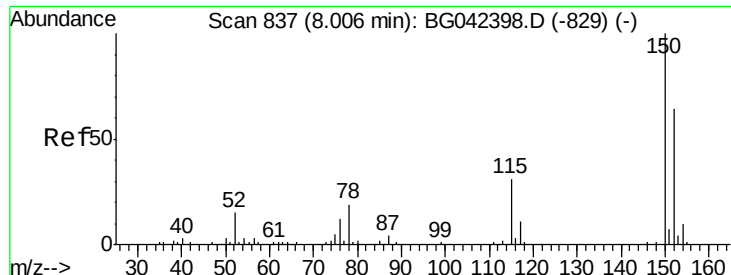
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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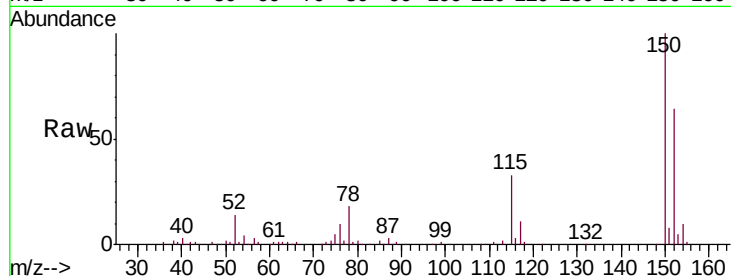


#1

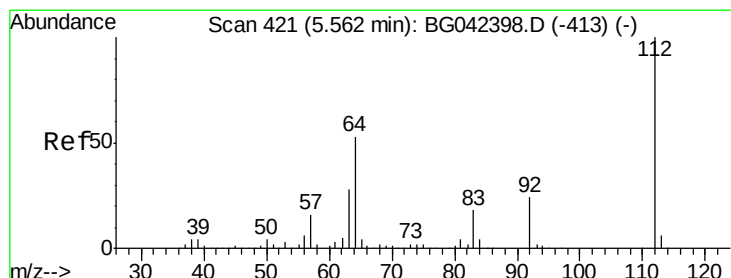
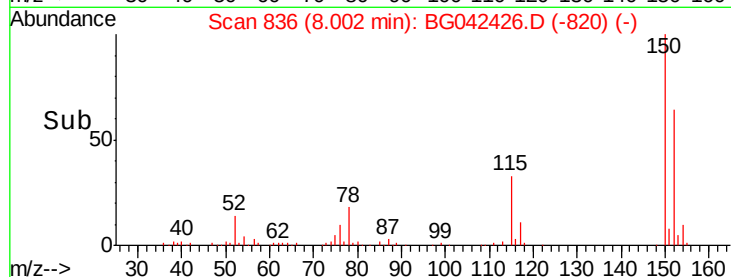
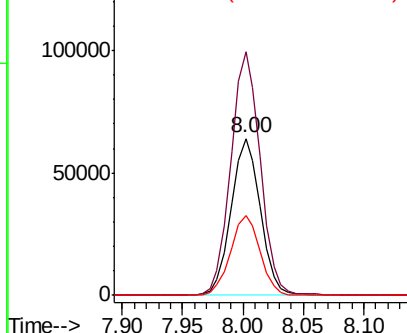
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042426.D
Acq: 23 Aug 2019 9:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 108057
Ion Ratio Lower Upper
152 100
150 155.2 125.4 188.0
115 50.6 38.5 57.7



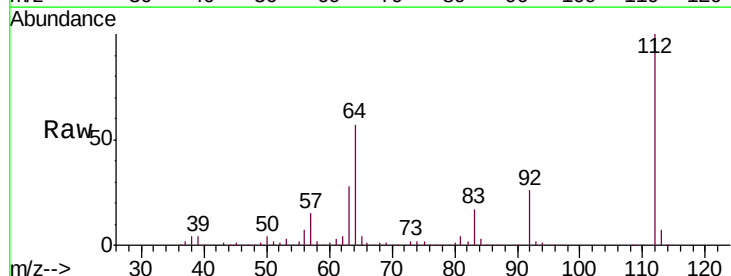
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



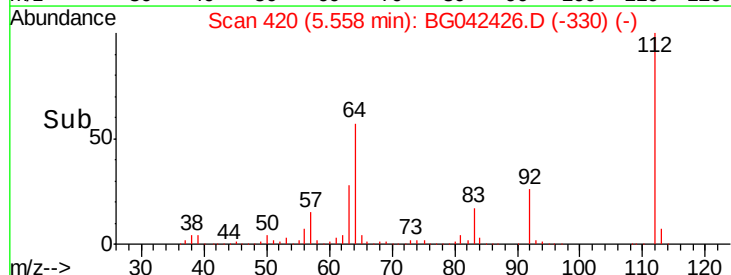
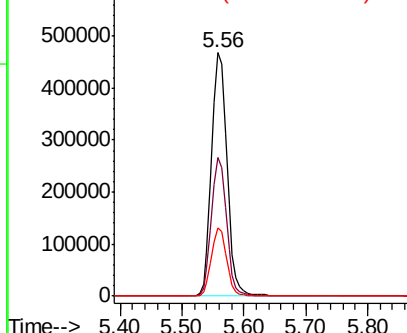
#5

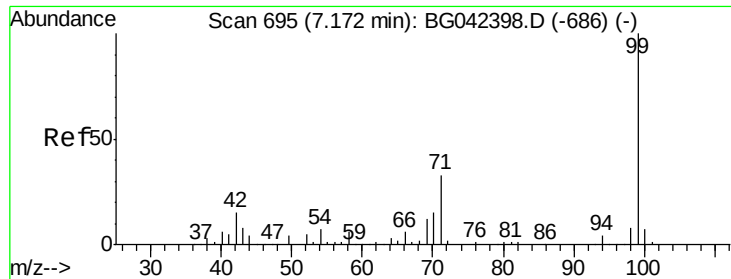
2-Fluorophenol
Concen: 151.232 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042426.D
Acq: 23 Aug 2019 9:46

Tgt Ion:112 Resp: 806879
Ion Ratio Lower Upper
112 100
64 57.2 42.8 64.2
63 28.2 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: 147.763 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042426.D

Acq: 23 Aug 2019 9:46

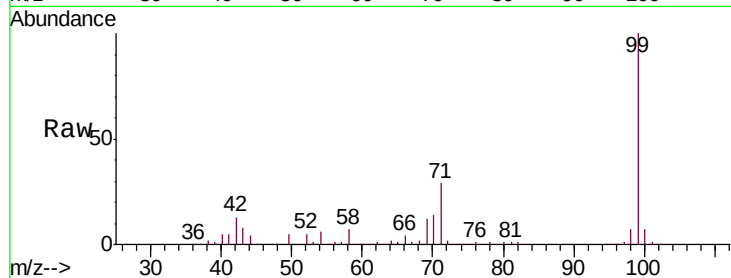
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1064913

Ion	Ratio	Lower	Upper
99	100		
42	13.5	12.0	18.0
71	29.2	26.3	39.5

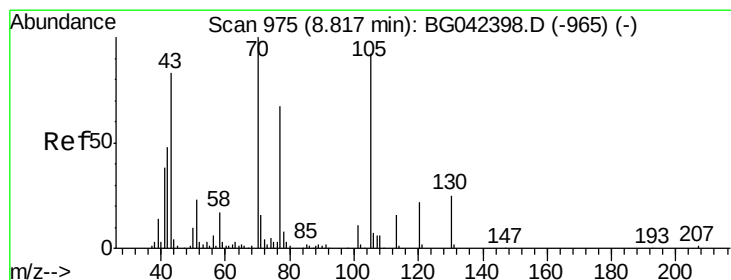
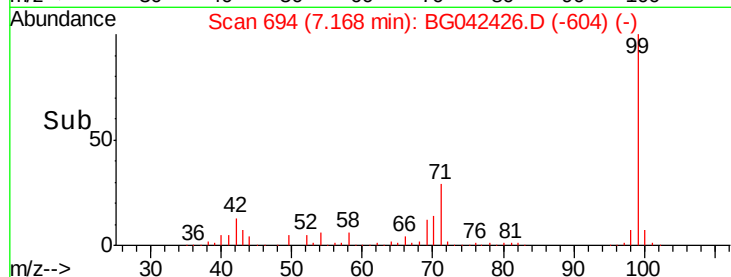
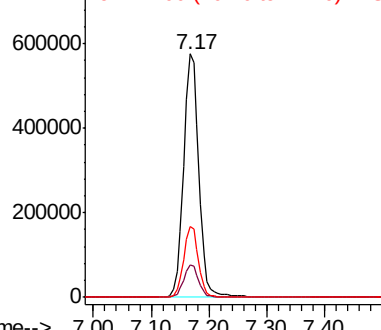


Abundance

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: 13.071 ng

RT: 9.17 min Scan# 1035

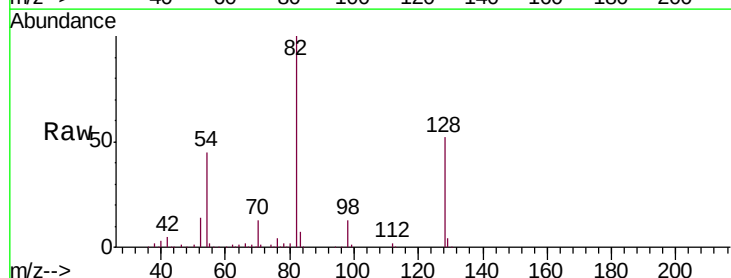
Delta R.T. 0.35 min

Lab File: BG042426.D

Acq: 23 Aug 2019 9:46

Tgt Ion: 70 Resp: 61029

Ion	Ratio	Lower	Upper
70	100		
42	37.5	38.8	58.2#
101	0.0	9.0	13.6#
130	3.1	20.0	30.0#



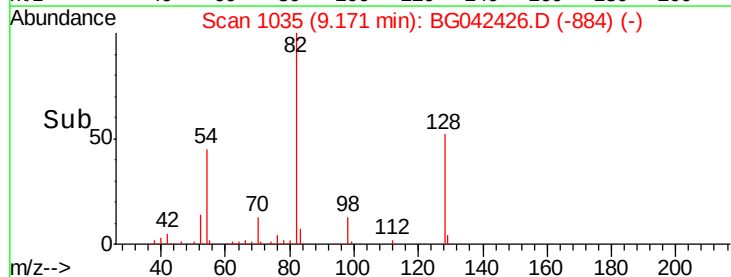
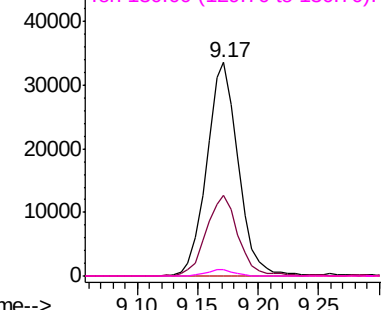
Abundance

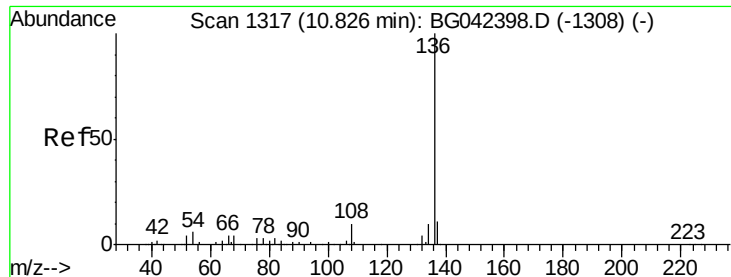
Ion 70.00 (69.70 to 70.70): BGC

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

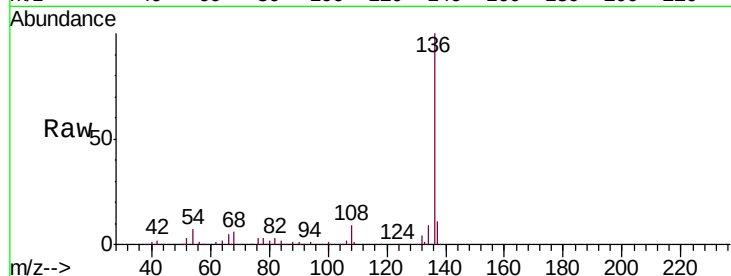




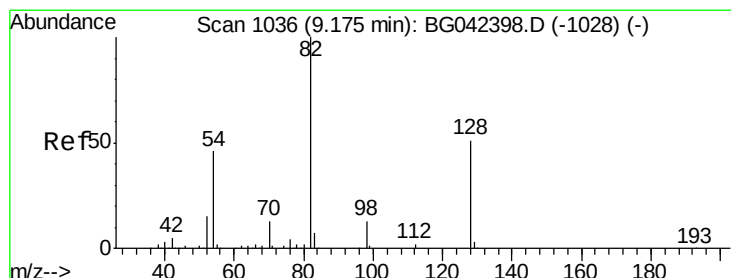
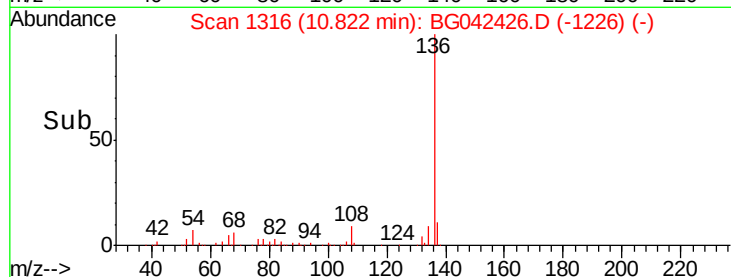
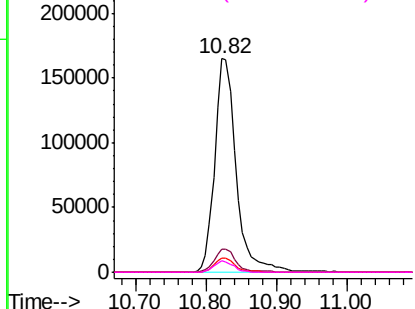
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042426.D
Acq: 23 Aug 2019 9:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	350136
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.7 13.1
54	6.9	4.9 7.3
68	5.5	3.6 5.4

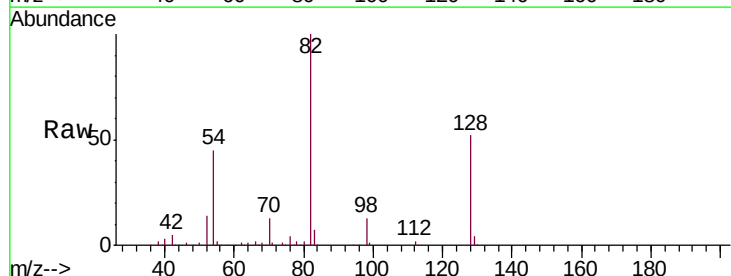


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

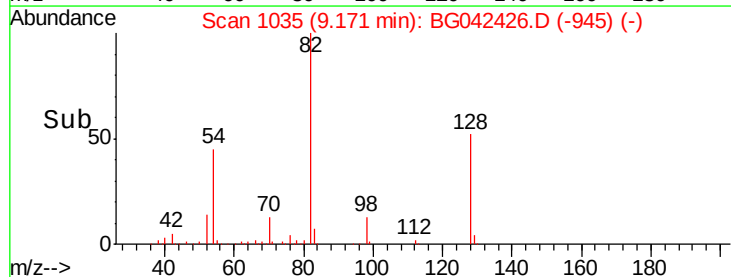
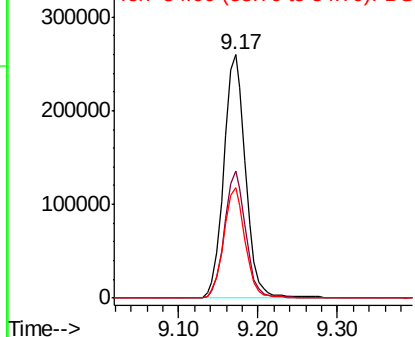


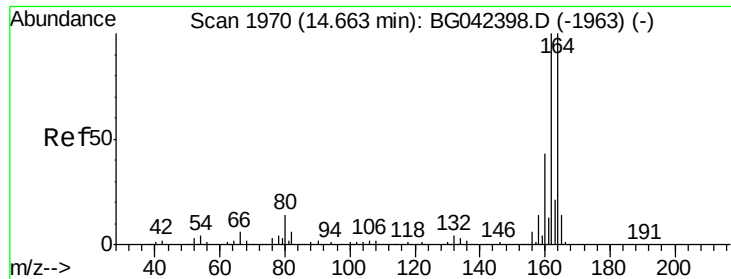
#23
Nitrobenzene-d5
Concen: 97.380 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042426.D
Acq: 23 Aug 2019 9:46

Tgt Ion: 82	Resp:	493406
Ion	Ratio	Lower Upper
82	100	
128	52.4	40.7 61.1
54	45.2	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

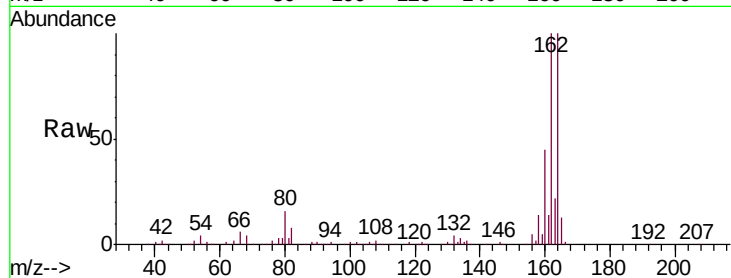




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG042426.D
Acq: 23 Aug 2019 9:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.9	119.9
160	45.1	34.3	51.5

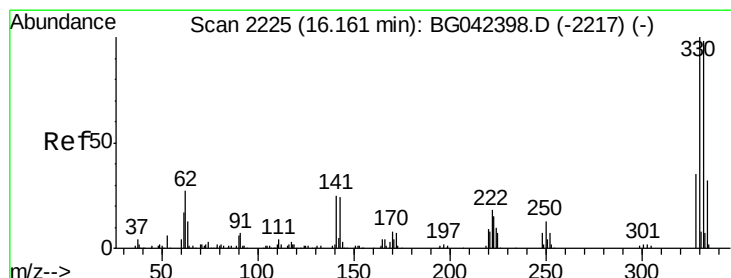
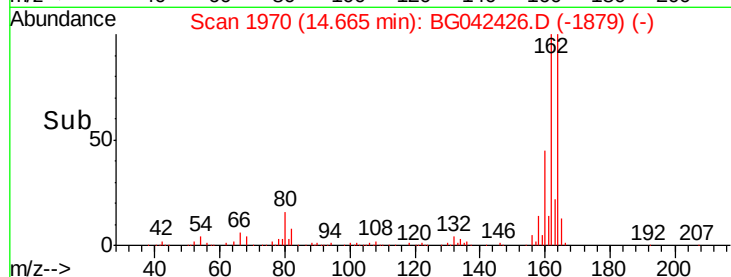
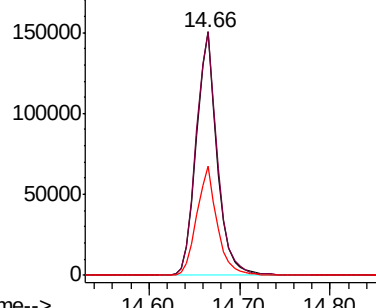


Abundance

Ion 164.00 (163.70 to 164.70): E

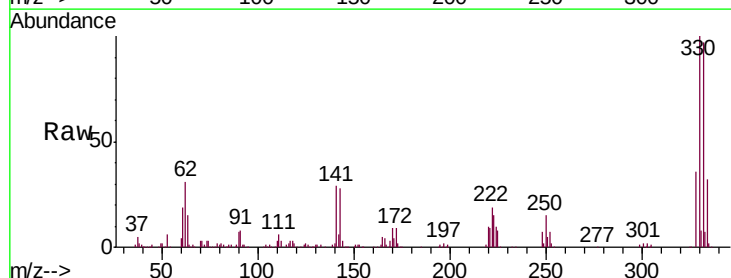
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 112.166 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG042426.D
Acq: 23 Aug 2019 9:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.0
141	30.5	21.4	32.0

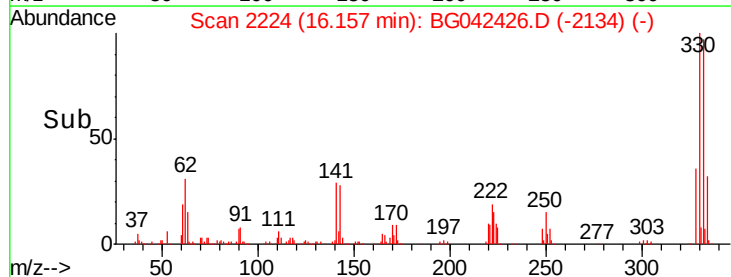
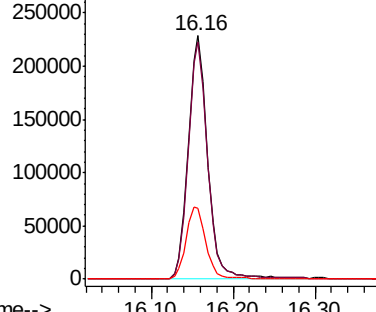


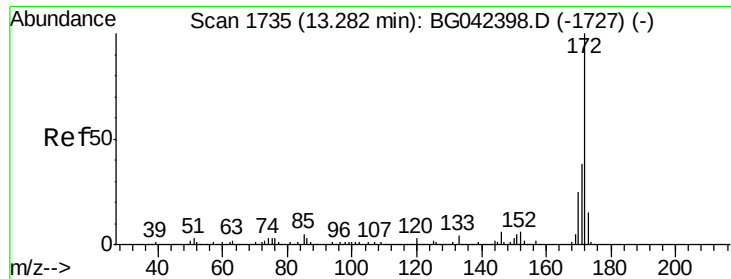
Abundance

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



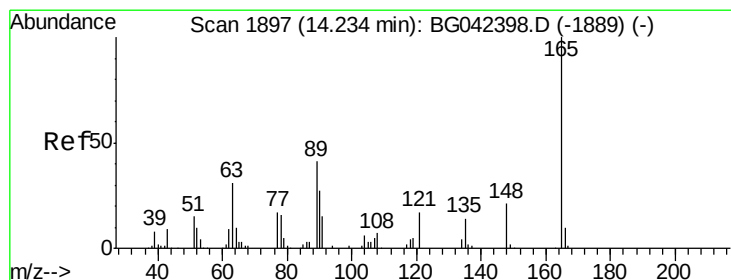
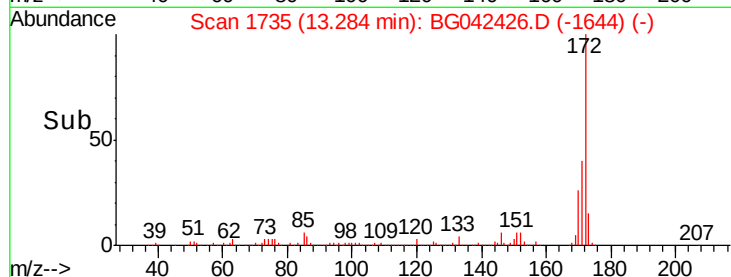
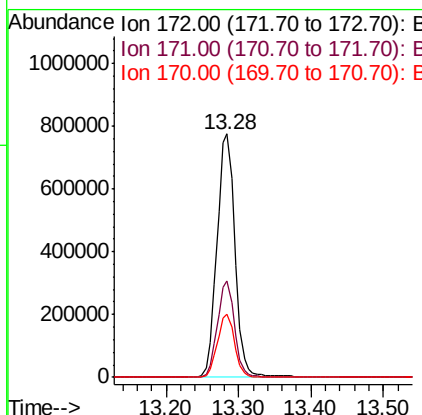
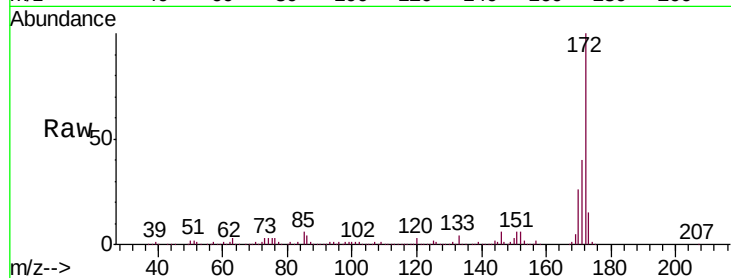


#45
 2-Fluorobiphenyl
 Concen: 94.575 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG042426.D
 Acq: 23 Aug 2019 9:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1337926

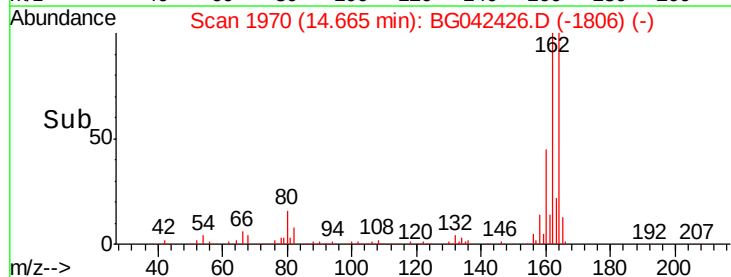
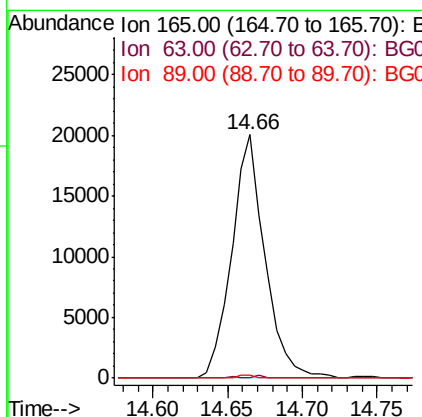
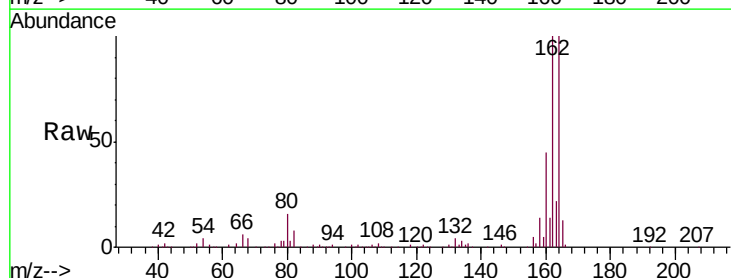
Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.5	45.7
170	26.0	20.2	30.2

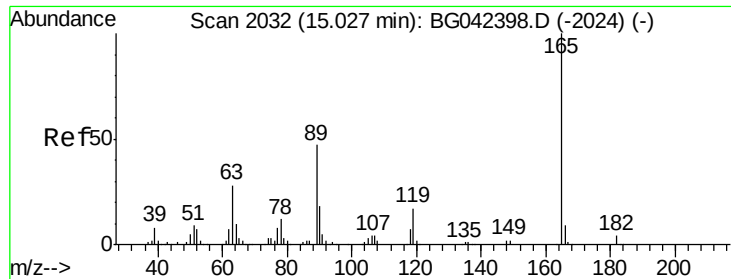


#51
 2,6-Dinitrotoluene
 Concen: 7.757 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.43 min
 Lab File: BG042426.D
 Acq: 23 Aug 2019 9:46

Tgt Ion:165 Resp: 31041

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	1.2	32.6	49.0#

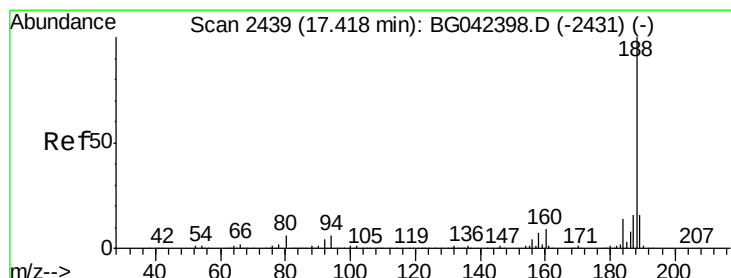
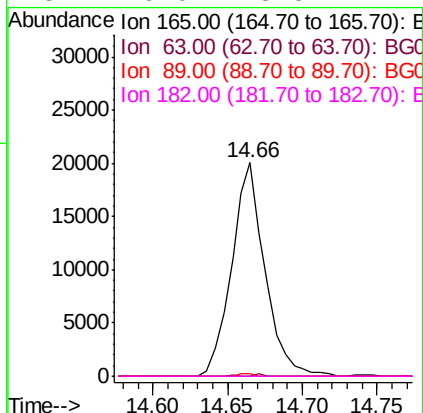
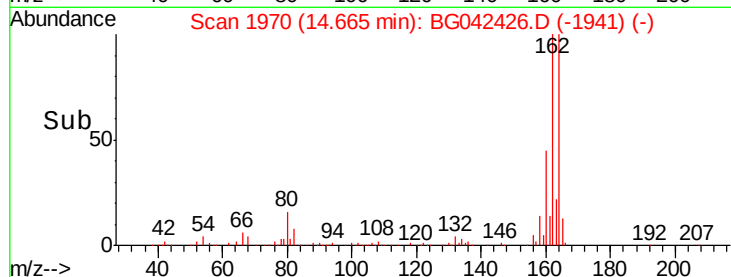
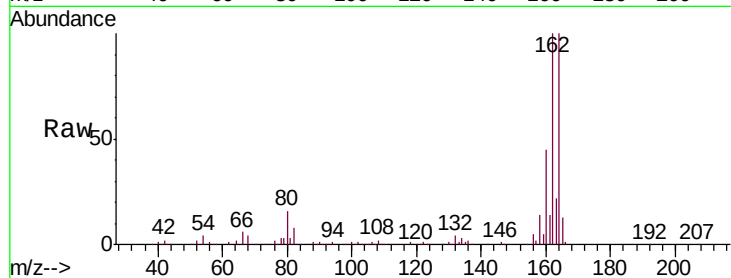




#57
 2,4-Dinitrotoluene
 Concen: 5.417 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG042426.D
 Acq: 23 Aug 2019 9:46

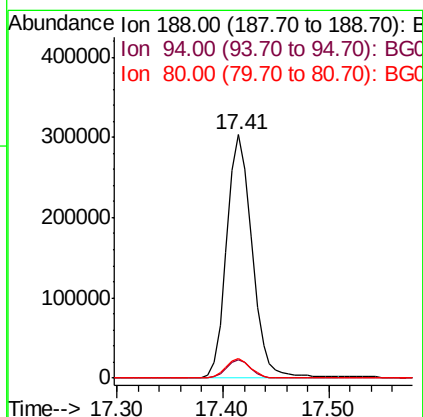
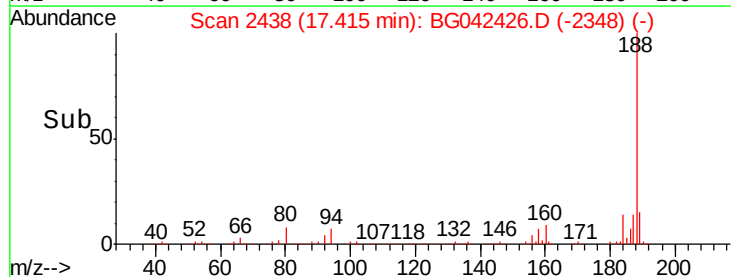
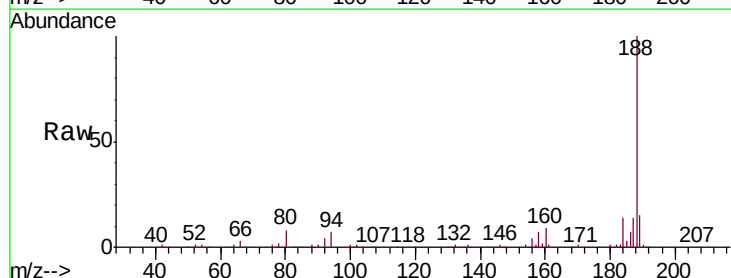
Instrument :
 BNA_G
 ClientSampleId :

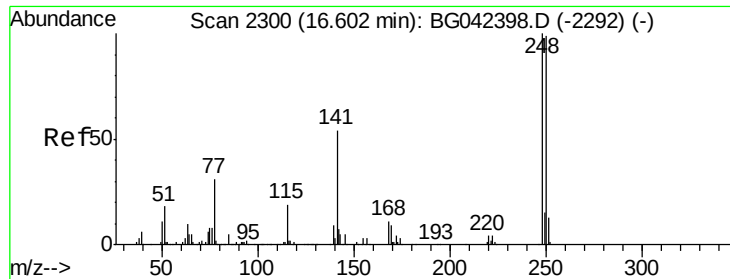
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	1.2	37.8	56.6#
182	0.0	3.0	4.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BG042426.D
 Acq: 23 Aug 2019 9:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	4.5	6.7#
80	8.0	4.9	7.3#

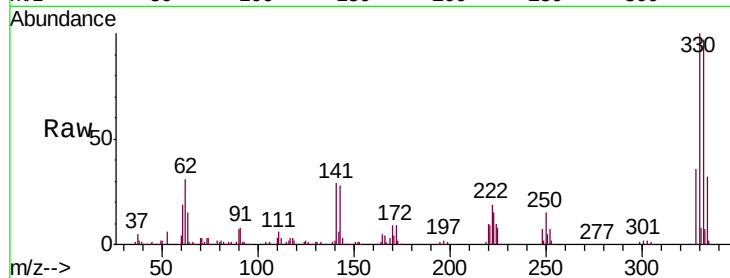




#67
 4-Bromophenyl-phenylether
 Concen: 4.232 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.44 min
 Lab File: BG042426.D
 Acq: 23 Aug 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	197.8	78.9	118.3#
141	398.4	43.3	64.9#

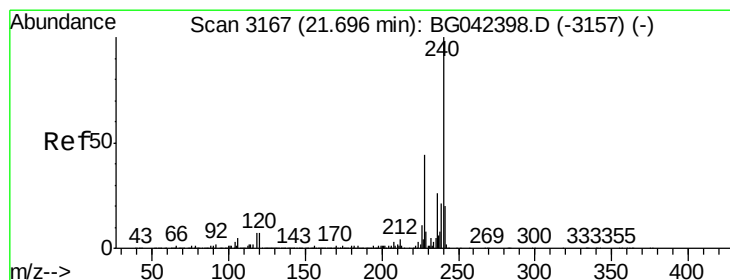
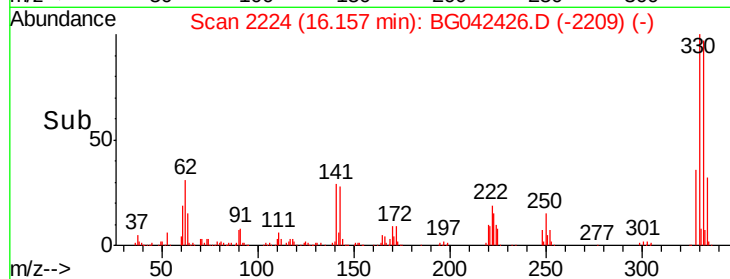
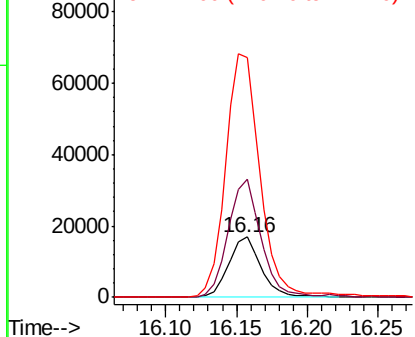


Abundance

Ion 248.00 (247.70 to 248.70): E

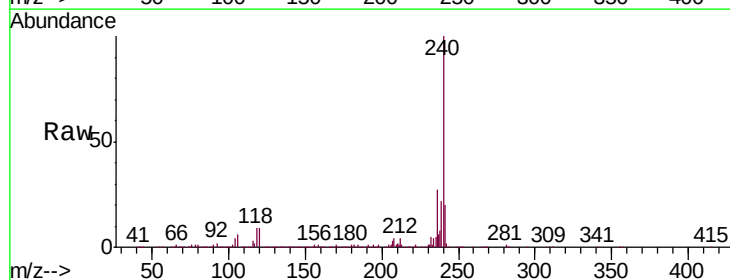
Ion 250.00 (249.70 to 250.70): E

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. -0.00 min
 Lab File: BG042426.D
 Acq: 23 Aug 2019 9:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	5.7	8.5#
236	26.7	21.0	31.4

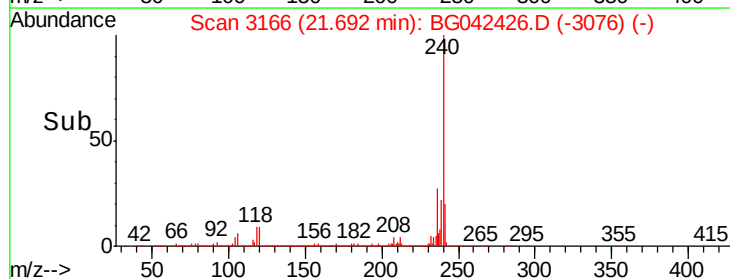
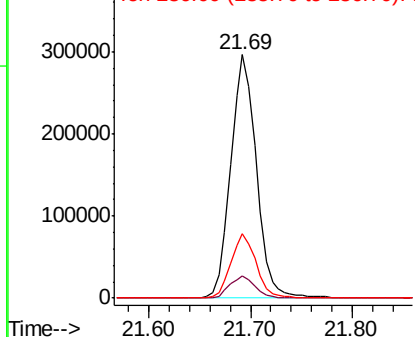


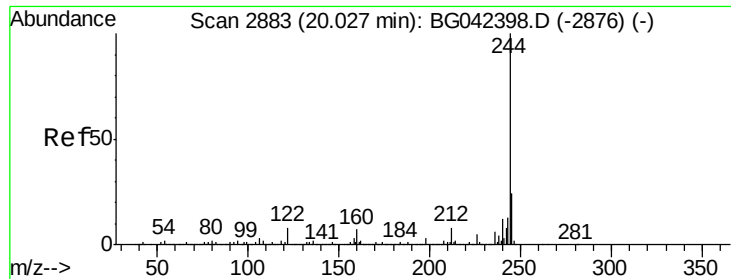
Abundance

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: 82.636 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042426.D

Acq: 23 Aug 2019 9:46

Instrument :

BNA_G

ClientSampleId :

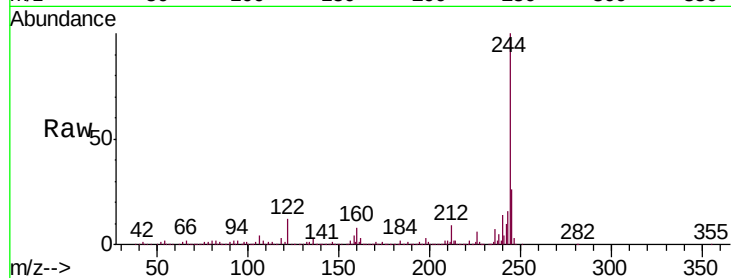
Tot Ion:244 Resp: 1990731

Ion Ratio Lower Upper

244 100

212 9.1 6.0 9.0#

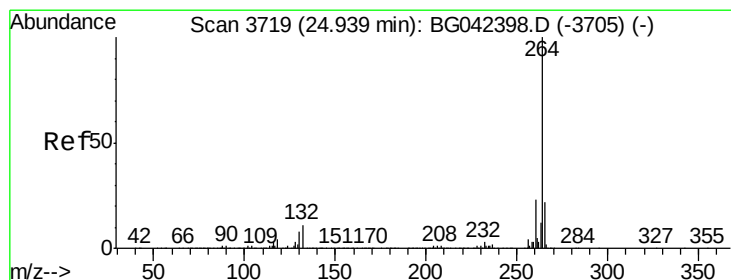
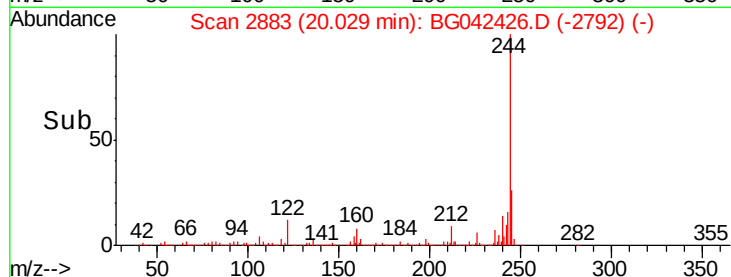
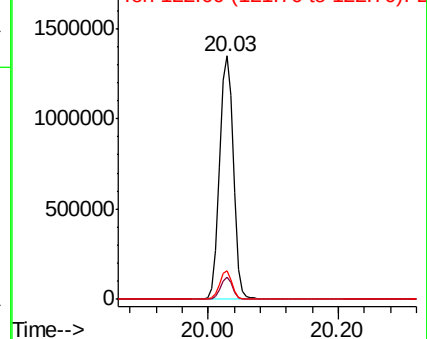
122 11.8 6.7 10.1#



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: BG042426.D

Acq: 23 Aug 2019 9:46

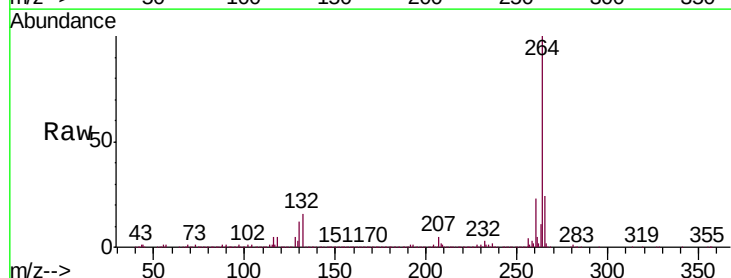
Tgt Ion:264 Resp: 610178

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 23.8 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

