

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042425.D
 Acq On : 23 Aug 2019 9:08
 Operator : HP/JU
 Sample : PB122218BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 17:21:23 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

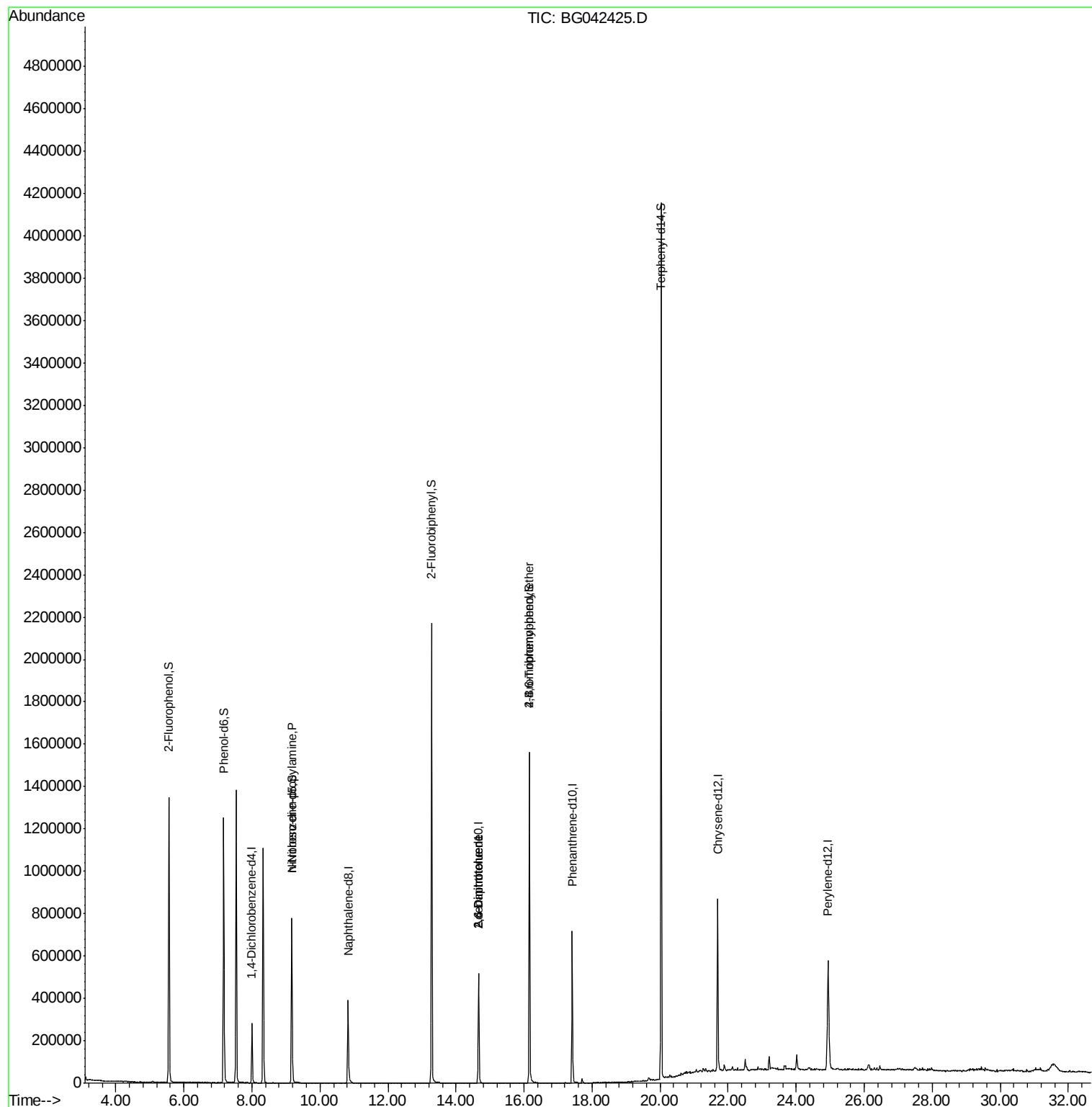
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	93205	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	431704	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	227653	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	491788	20.00	ng	0.00
76) Chrysene-d12	21.69	240	513561	20.00	ng	0.00
87) Perylene-d12	24.93	264	593112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	707614	153.76	ng	0.00
7) Phenol-d6	7.17	99	891718	143.45	ng	0.00
23) Nitrobenzene-d5	9.17	82	498549	79.80	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	387187	119.66	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1298348	96.46	ng	0.00
79) Terphenyl-d14	20.03	244	2022550	85.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	62942	15.629	ng	# 72
51) 2,6-Dinitrotoluene	14.66	165	29467	7.739	ng	# 38
57) 2,4-Dinitrotoluene	14.66	165	29467	5.405	ng	# 41
67) 4-Bromophenyl-phenylether	16.15	248	28272	4.532	ng	# 1

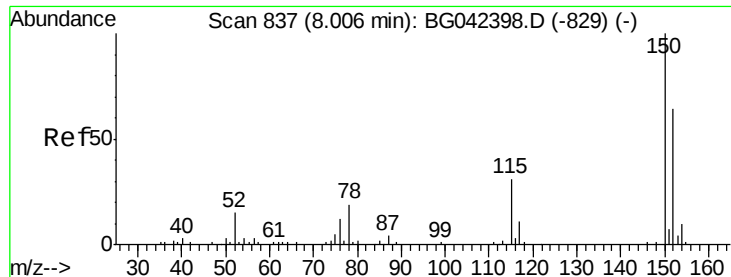
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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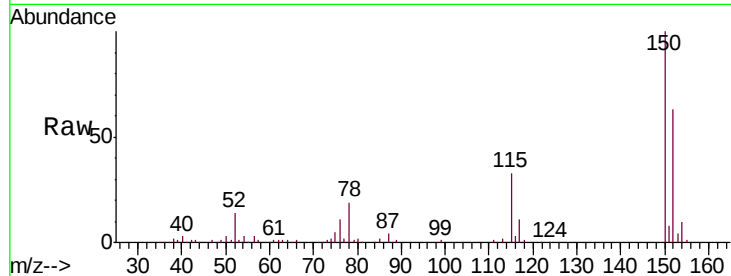


#1

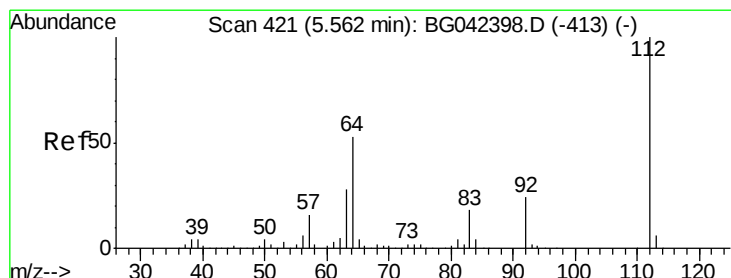
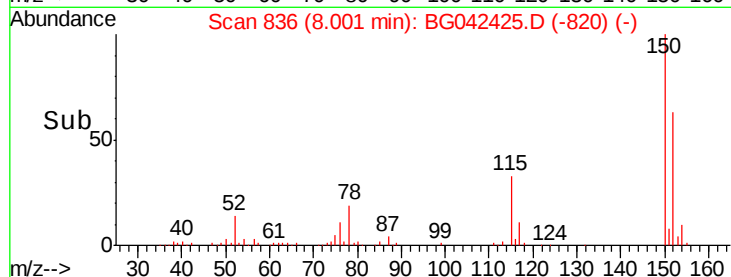
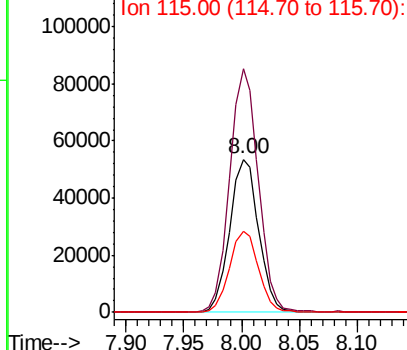
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042425.D
Acq: 23 Aug 2019 9:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 93205
Ion Ratio Lower Upper
152 100
150 158.9 125.4 188.0
115 52.8 38.5 57.7



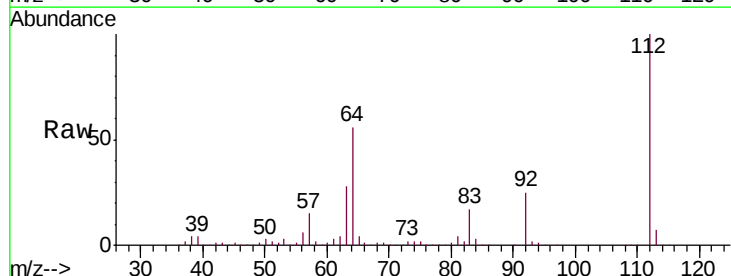
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



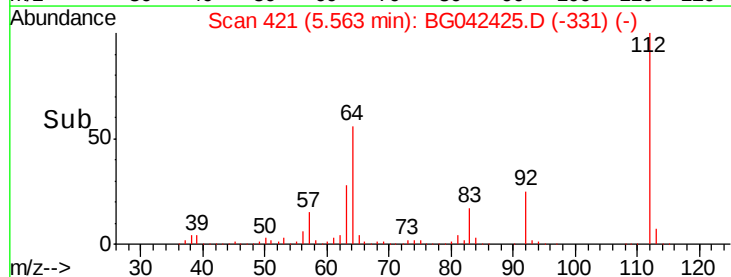
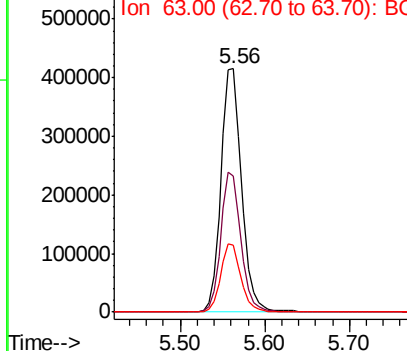
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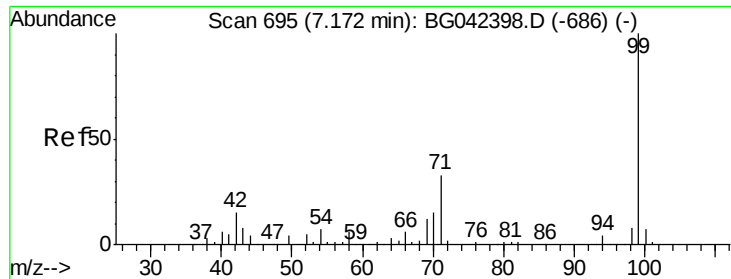
2-Fluorophenol
Concen: 153.760 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042425.D
Acq: 23 Aug 2019 9:08

Tgt Ion:112 Resp: 707614
Ion Ratio Lower Upper
112 100
64 55.8 42.8 64.2
63 27.8 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: 143.448 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG042425.D

Acq: 23 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

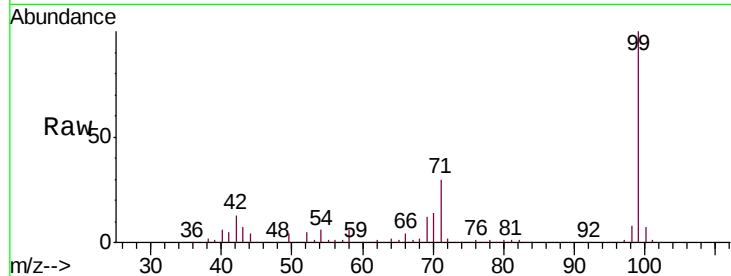
Tot Ion: 99 Resp: 891718

Ion Ratio Lower Upper

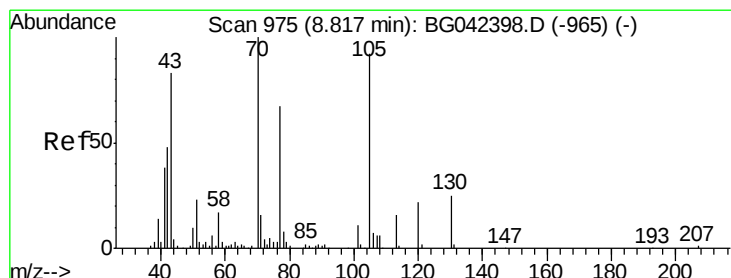
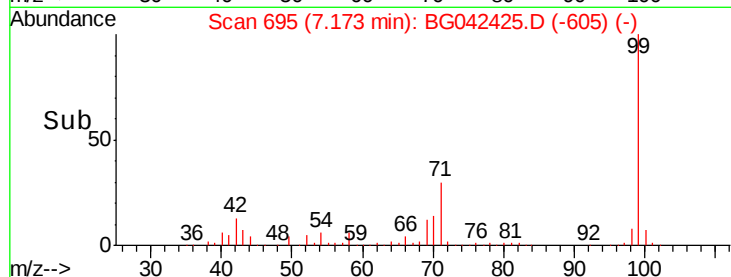
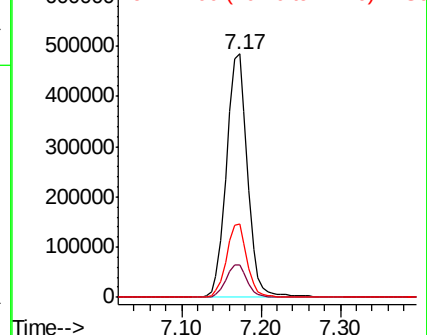
99 100

42 13.3 12.0 18.0

71 30.2 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: 15.629 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.35 min

Lab File: BG042425.D

Acq: 23 Aug 2019 9:08

Tgt Ion: 70 Resp: 62942

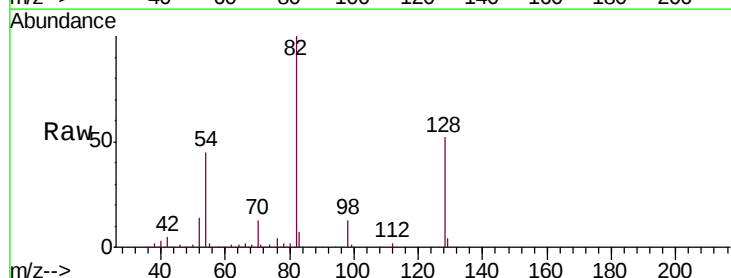
Ion Ratio Lower Upper

70 100

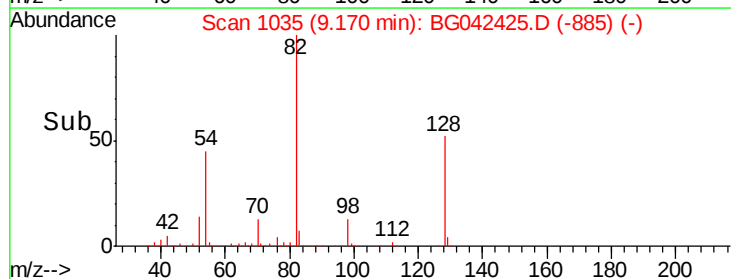
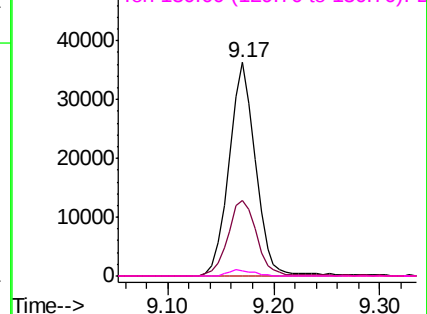
42 35.3 38.8 58.2#

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

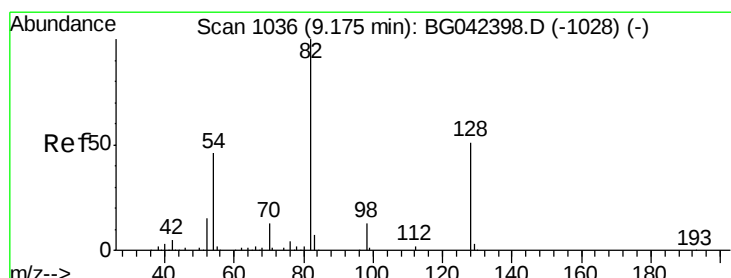
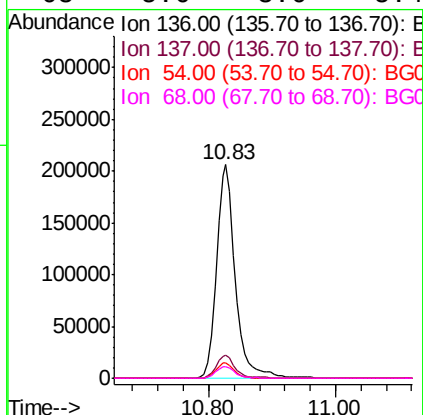
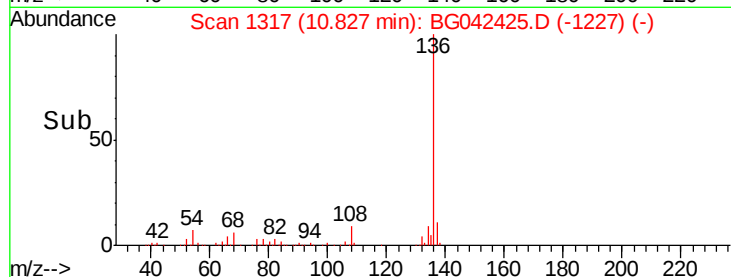
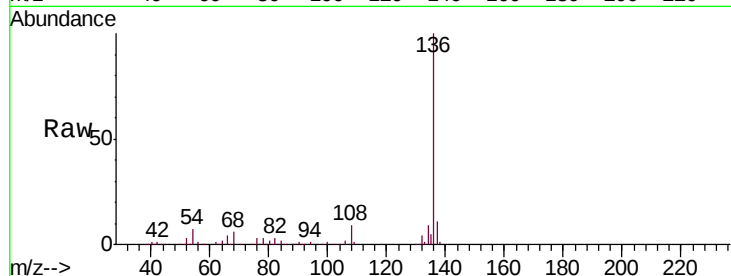




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG042425.D
Acq: 23 Aug 2019 9:08

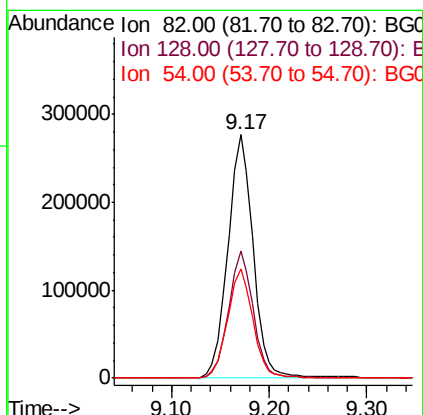
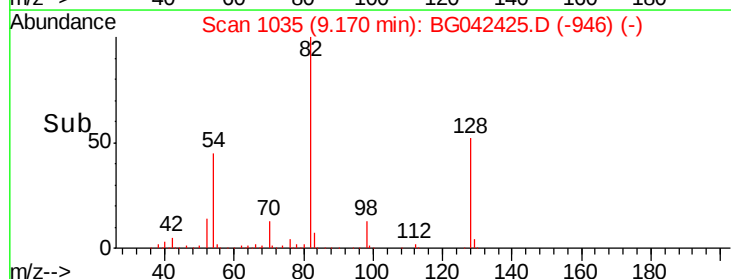
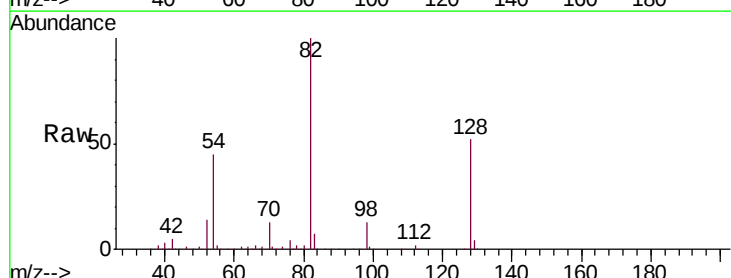
Instrument :
BNA_G
ClientSampleId :

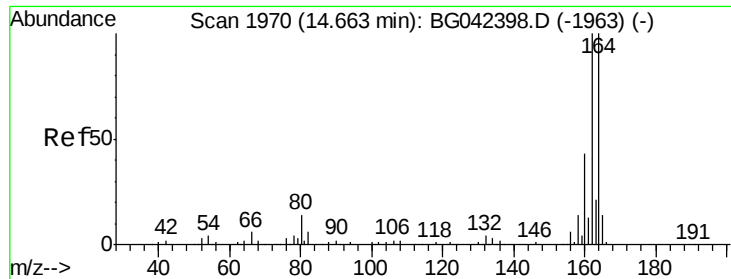
Tot Ion:136	Resp:	431704
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.7	13.1
54 7.3	4.9	7.3
68 5.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 79.804 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042425.D
Acq: 23 Aug 2019 9:08

Tgt	Ion: 82	Resp:	498549
Ion	Ratio	Lower	Upper
82	100		
128	52.3	40.7	61.1
54	45.1	36.3	54.5

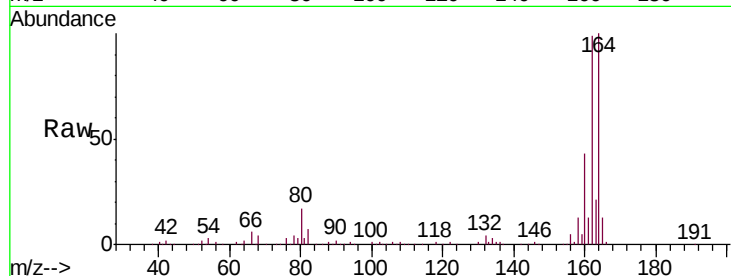




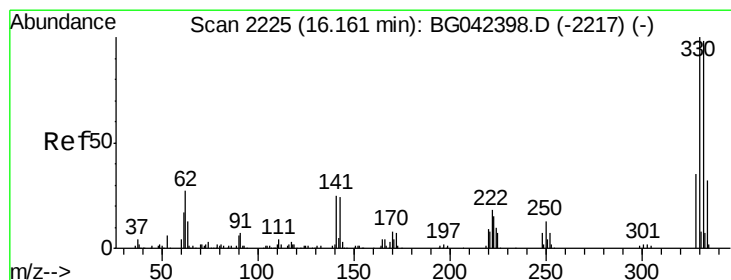
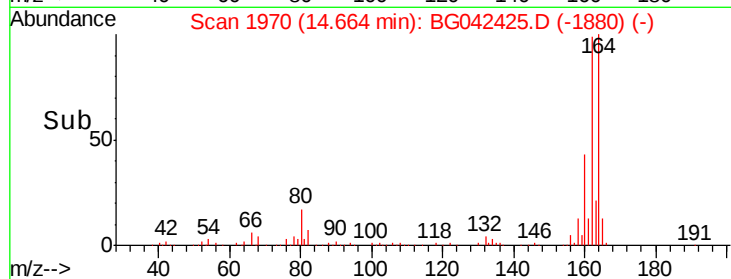
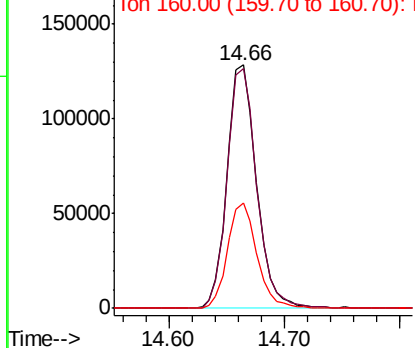
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG042425.D
Acq: 23 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 227653
Ion Ratio Lower Upper
164 100
162 98.5 79.9 119.9
160 43.4 34.3 51.5

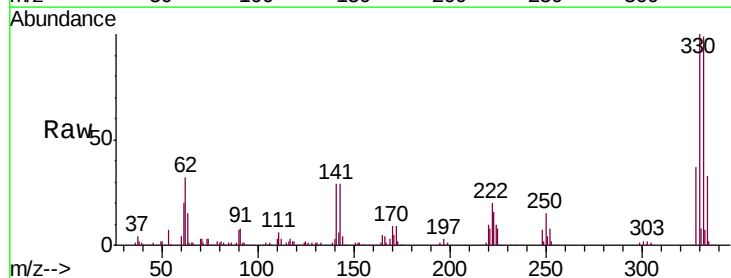


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

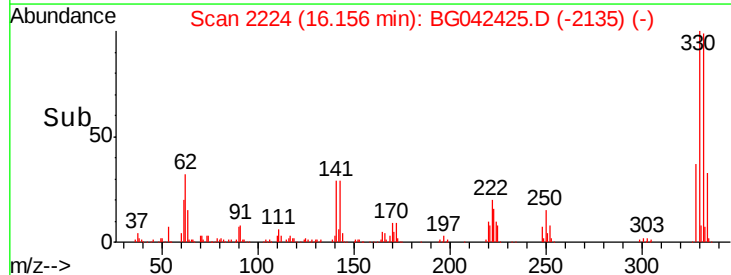
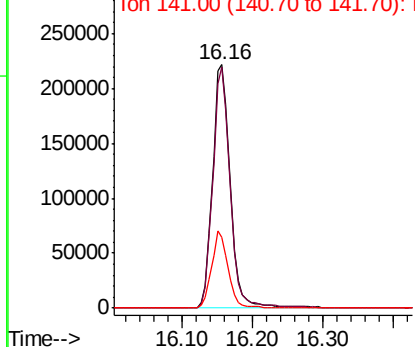


#42
2,4,6-Tribromophenol
Concen: 119.660 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG042425.D
Acq: 23 Aug 2019 9:08

Tgt Ion:330 Resp: 387187
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 29.5 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



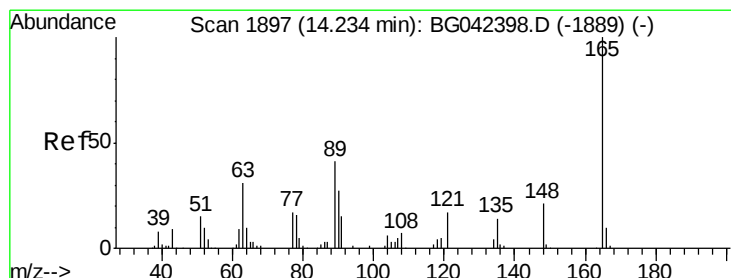
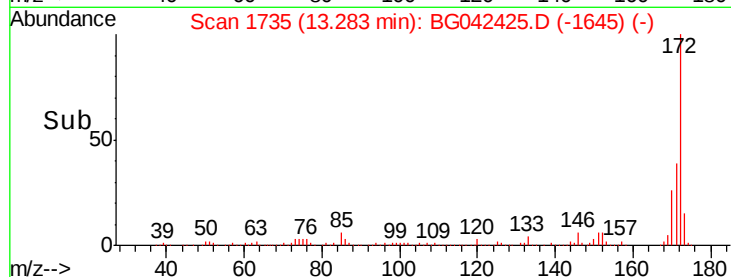
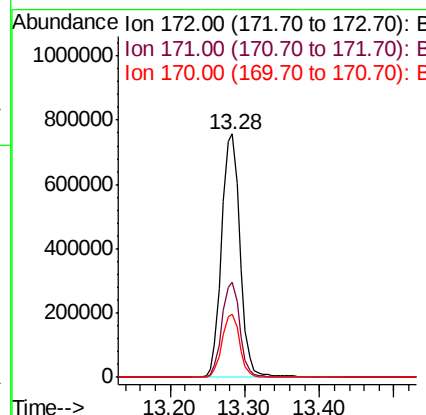
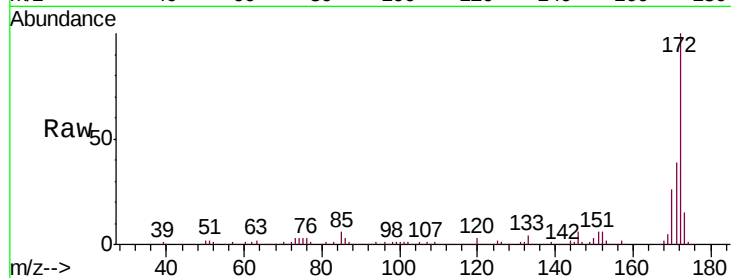


#45
 2-Fluorobiphenyl
 Concen: 96.457 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG042425.D
 Acq: 23 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1298348

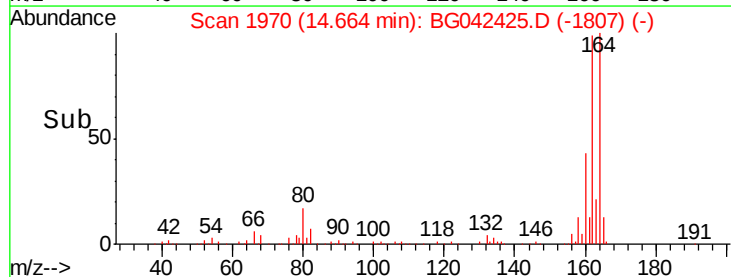
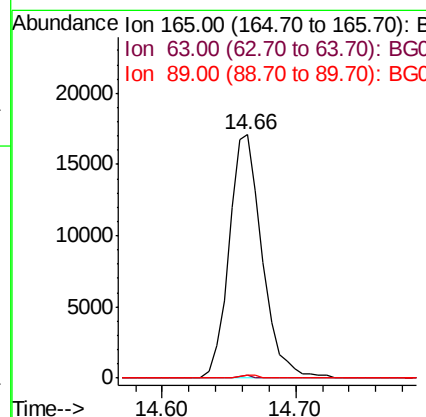
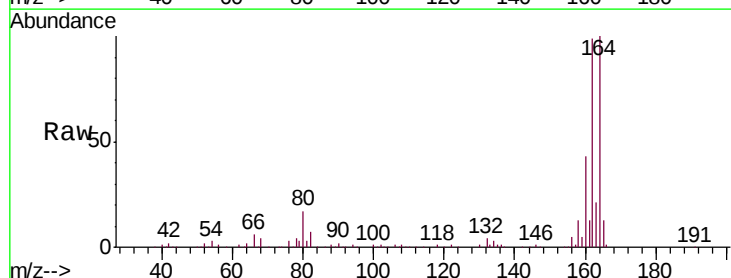
Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.5	45.7
170	25.8	20.2	30.2

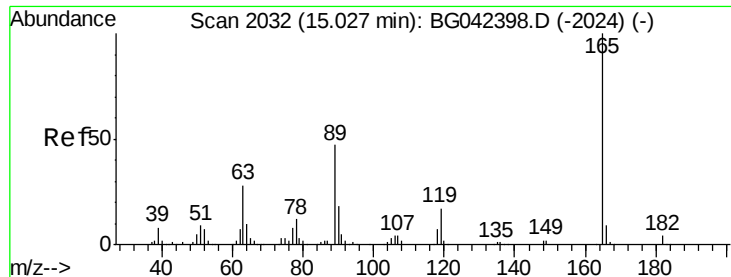


#51
 2,6-Dinitrotoluene
 Concen: 7.739 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.43 min
 Lab File: BG042425.D
 Acq: 23 Aug 2019 9:08

Tgt Ion:165 Resp: 29467

Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.6	45.8#
89	1.4	32.6	49.0#

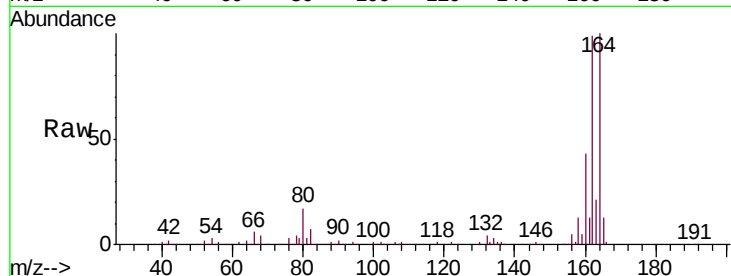




#57
 2,4-Dinitrotoluene
 Concen: 5.405 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG042425.D
 Acq: 23 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.5	33.7#
89	1.4	37.8	56.6#
182	0.0	3.0	4.4#

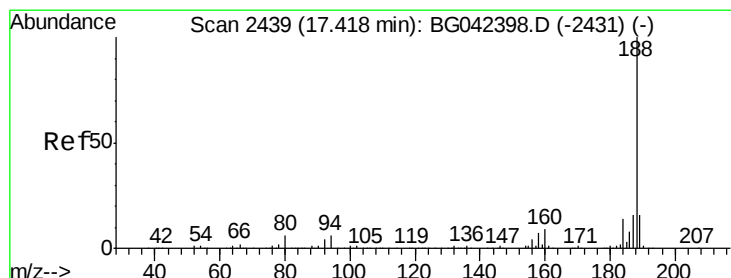
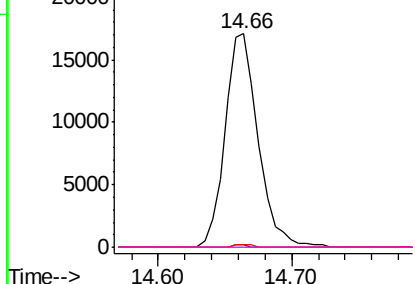
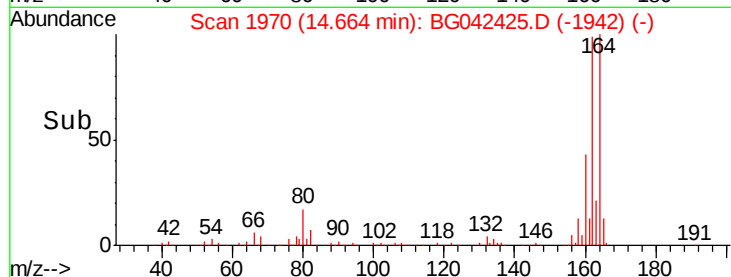


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

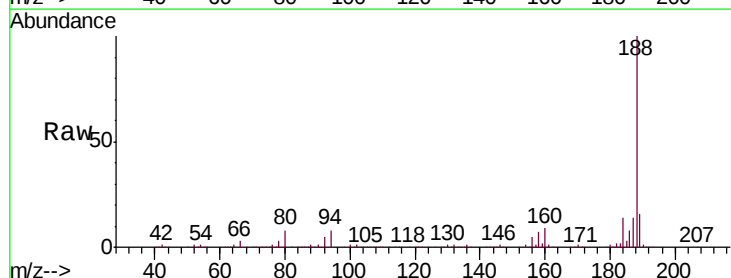
Ion 89.00 (88.70 to 89.70): BGC

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. -0.00 min
 Lab File: BG042425.D
 Acq: 23 Aug 2019 9:08

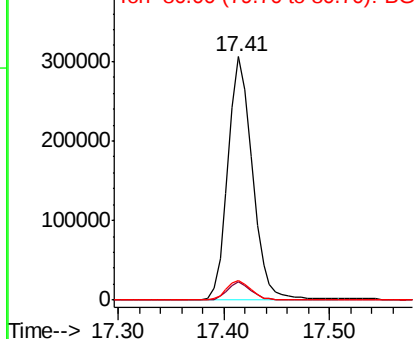
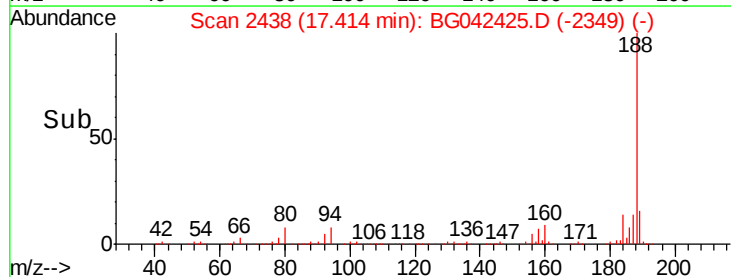
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	4.5	6.7#
80	8.0	4.9	7.3#

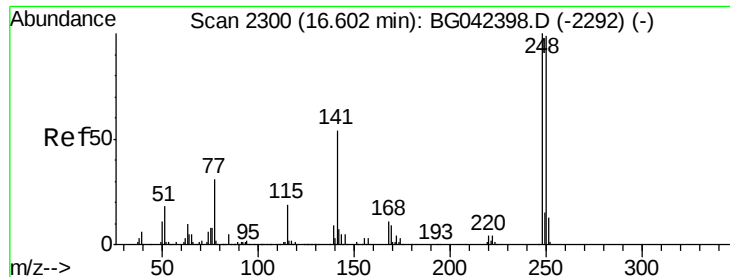


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

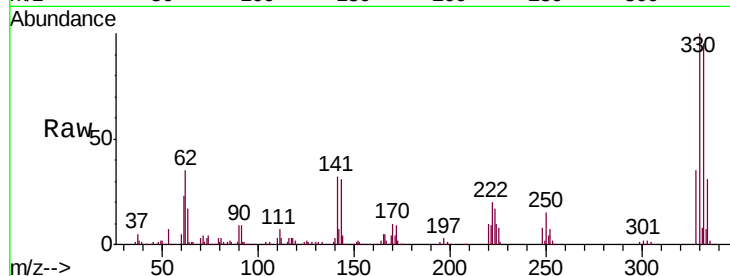




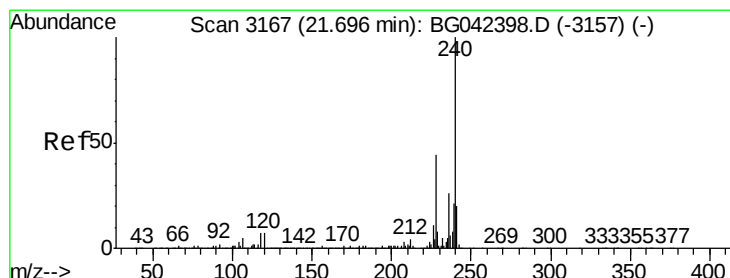
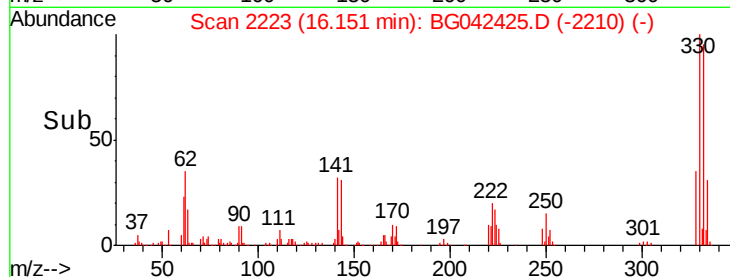
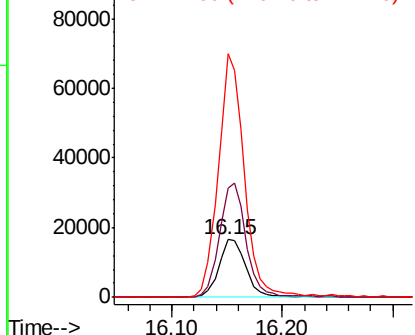
#67
 4-Bromophenyl-phenylether
 Concen: 4.532 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042425.D
 Acq: 23 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	188.9	78.9	118.3#
141	422.1	43.3	64.9#

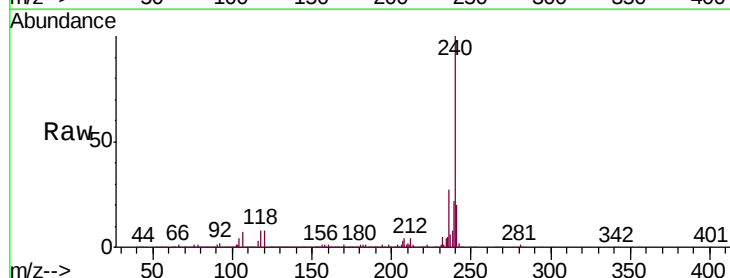


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

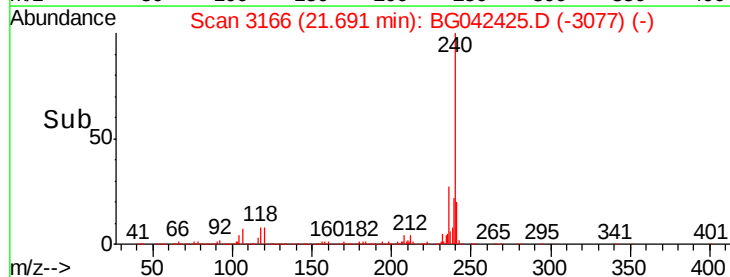
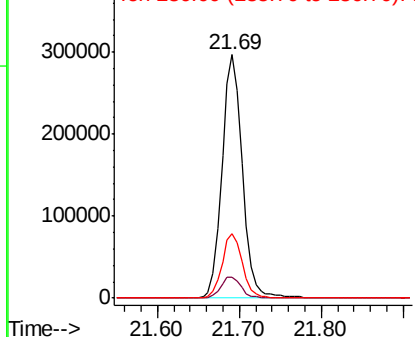


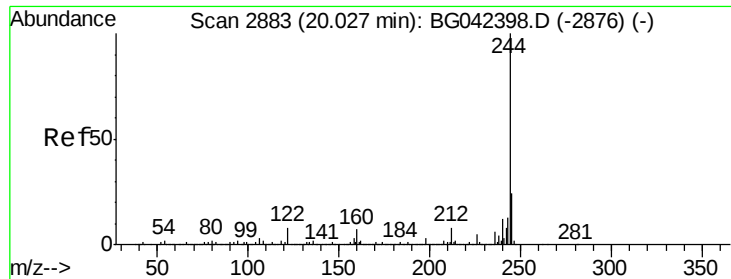
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG042425.D
 Acq: 23 Aug 2019 9:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	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: 85.143 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042425.D

Acq: 23 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

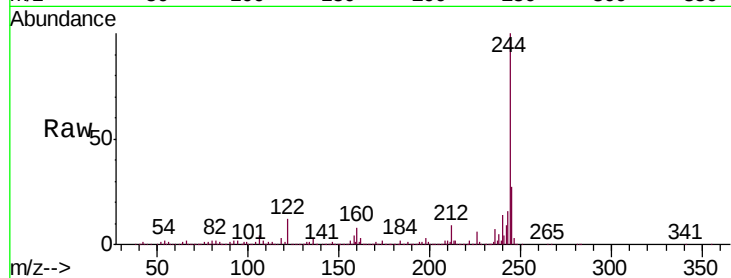
Tot Ion:244 Resp: 2022550

Ion Ratio Lower Upper

244 100

212 9.2 6.0 9.0#

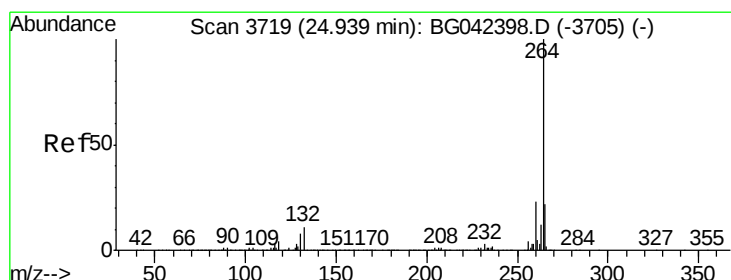
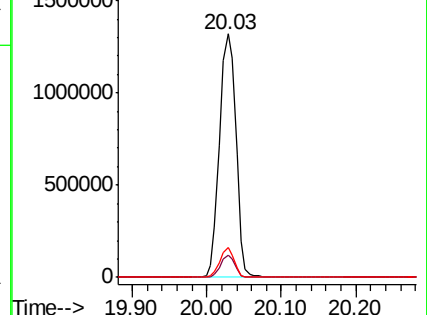
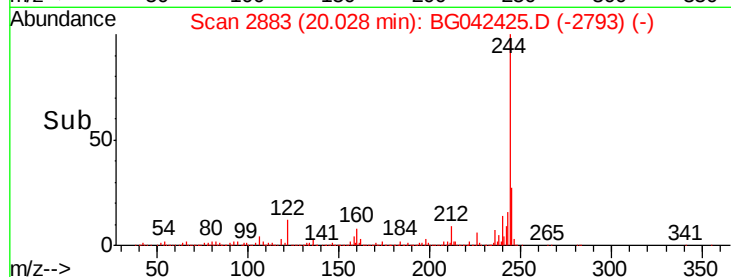
122 12.1 6.7 10.1#



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. -0.00 min

Lab File: BG042425.D

Acq: 23 Aug 2019 9:08

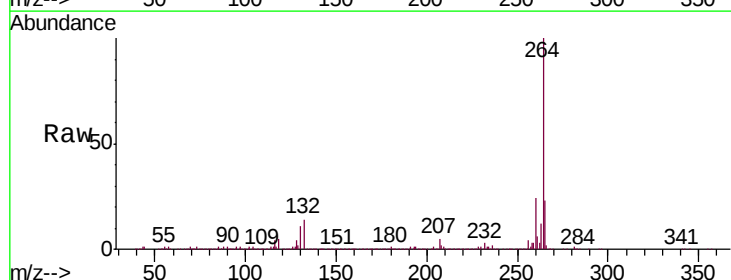
Tgt Ion:264 Resp: 593112

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.8 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

