

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044471.D
 Acq On : 18 Feb 2020 14:04
 Operator : CG/JU
 Sample : PB126850BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BL

Quant Time: Feb 18 15:02:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 14:58:50 2020
 Response via : Initial Calibration

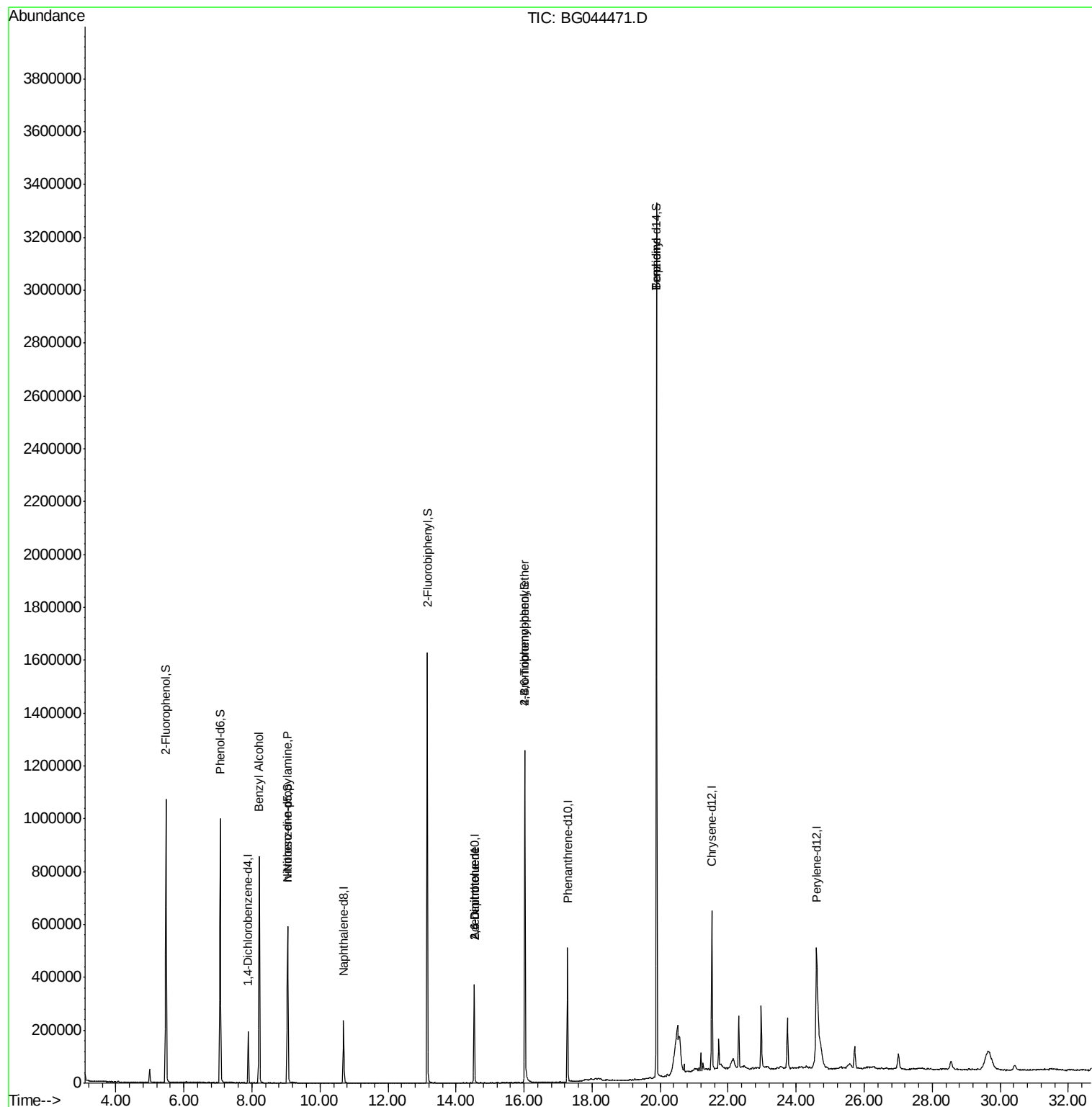
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	59633	20.00	ng	0.00
21) Naphthalene-d8	10.69	136	228705	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	138387	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	324250	20.00	ng	0.00
76) Chrysene-d12	21.52	240	361634	20.00	ng	0.00
87) Perylene-d12	24.60	264	380828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	525767	155.60	ng	0.00
7) Phenol-d6	7.07	99	656481	144.68	ng	0.00
23) Nitrobenzene-d5	9.05	82	393027	97.02	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	274000	168.66	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	864161	104.57	ng	0.00
79) Terphenyl-d14	19.89	244	1621137	92.21	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.21	79	6710	2.089	ng	# 43
19) n-Nitroso-di-n-propylamine	9.05	70	50353	16.651	ng	# 75
51) 2,6-Dinitrotoluene	14.53	165	17883	8.063	ng	# 28
57) 2,4-Dinitrotoluene	14.53	165	17883	5.753	ng	# 26
67) 4-Bromophenyl-phenylether	16.02	248	18257	5.168	ng	# 1
77) Benzidine	19.89	184	25871	2.579	ng	# 91

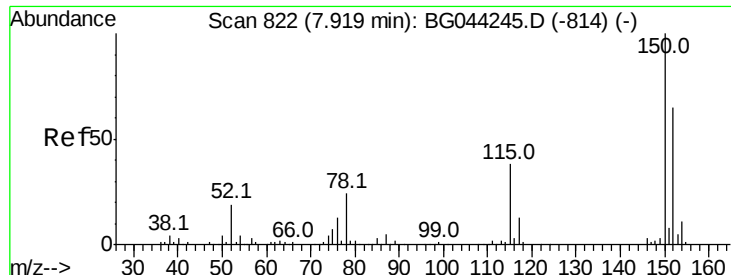
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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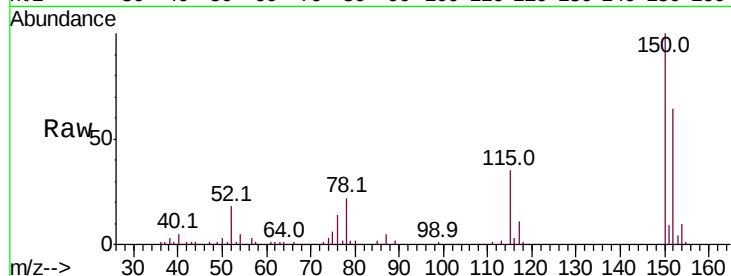


#1

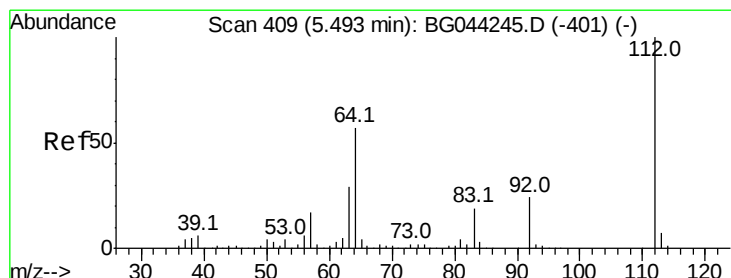
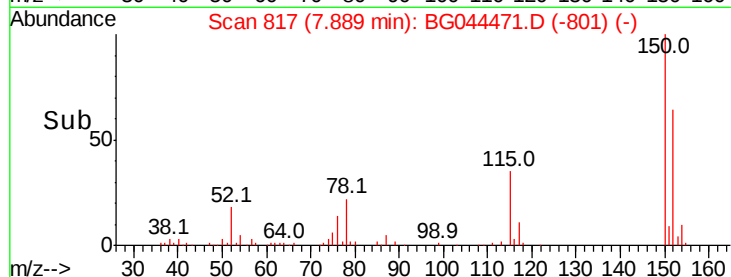
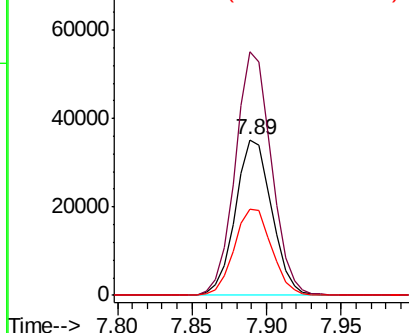
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG044471.D
 Acq: 18 Feb 2020 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BL

Tot Ion:152 Resp: 59633
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.6 183.8
 115 55.0 46.0 69.0



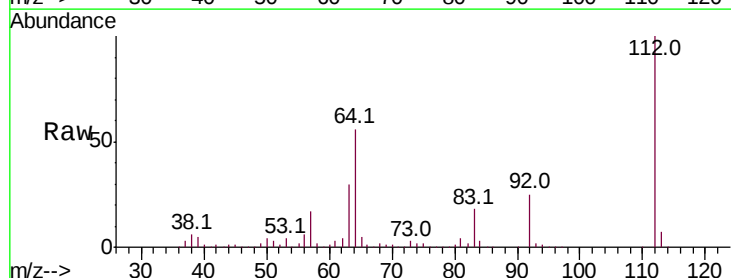
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



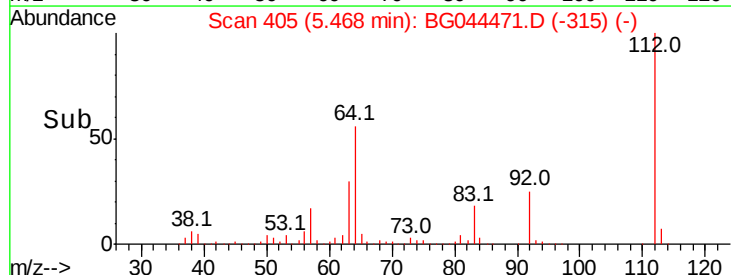
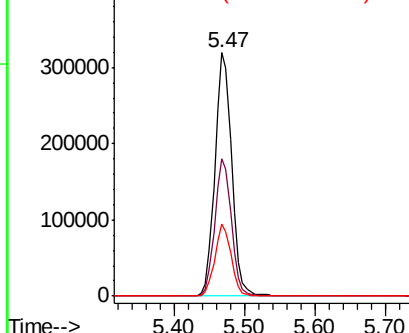
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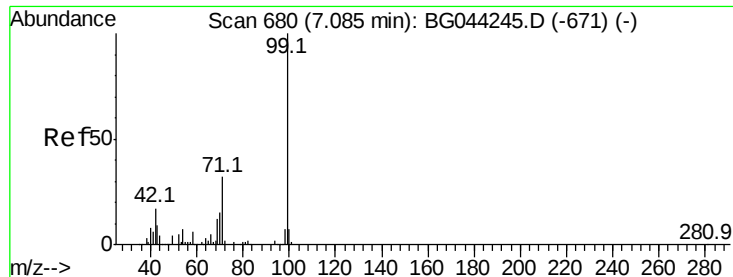
2-Fluorophenol
 Concen: 155.601 ng
 RT: 5.47 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG044471.D
 Acq: 18 Feb 2020 14:04

Tgt Ion:112 Resp: 525767
 Ion Ratio Lower Upper
 112 100
 64 56.5 45.4 68.2
 63 29.6 22.9 34.3



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: 144.682 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG044471.D

Acq: 18 Feb 2020 14:04

Instrument :

BNA_G

ClientSampleId :

PB126850BL

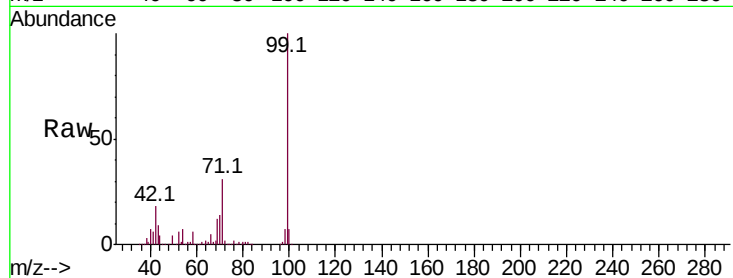
Tot Ion: 99 Resp: 656481

Ion Ratio Lower Upper

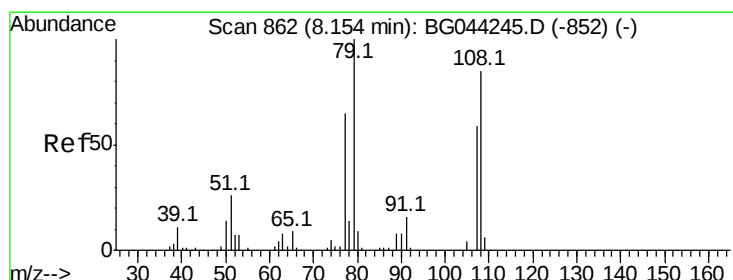
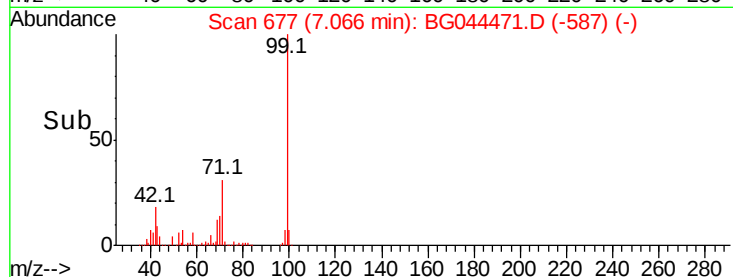
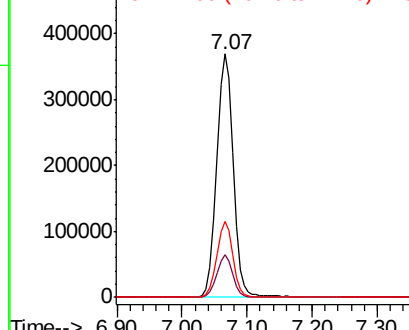
99 100

42 17.5 13.8 20.6

71 31.1 25.5 38.3



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



#15

Benzyl Alcohol

Concen: 2.089 ng

RT: 8.21 min Scan# 872

Delta R.T. 0.08 min

Lab File: BG044471.D

Acq: 18 Feb 2020 14:04

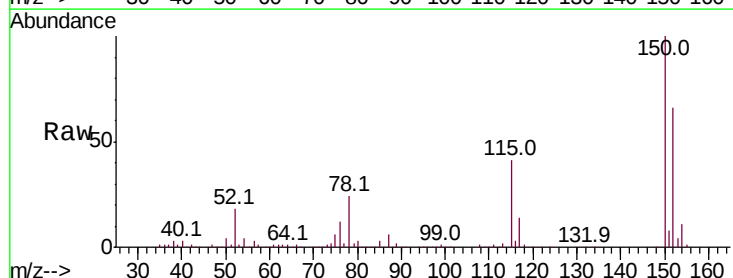
Tgt Ion: 79 Resp: 6710

Ion Ratio Lower Upper

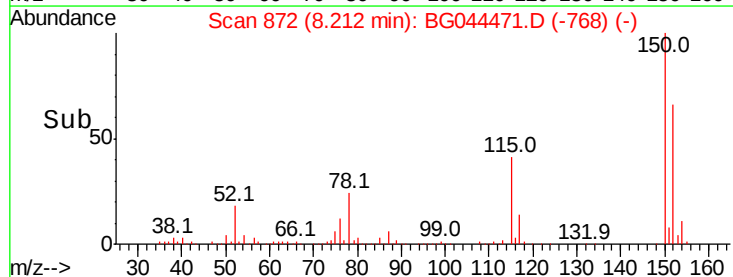
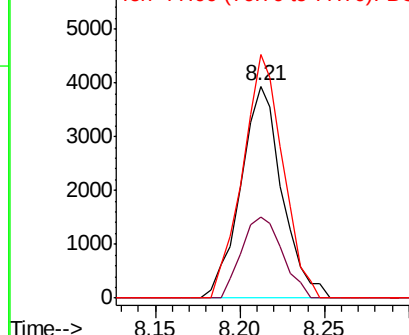
79 100

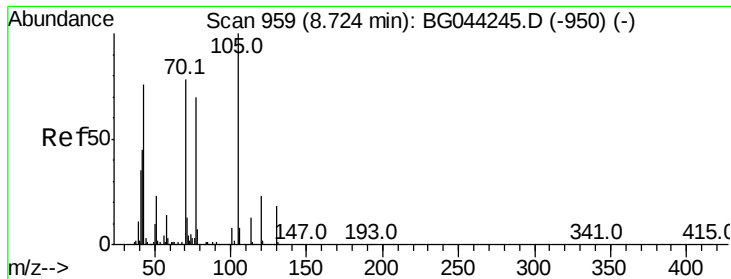
108 38.5 68.3 102.5#

77 114.8 51.8 77.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

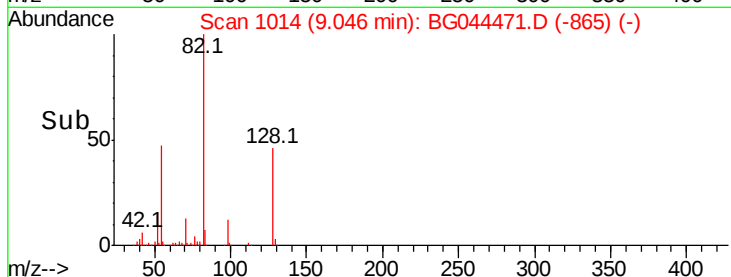
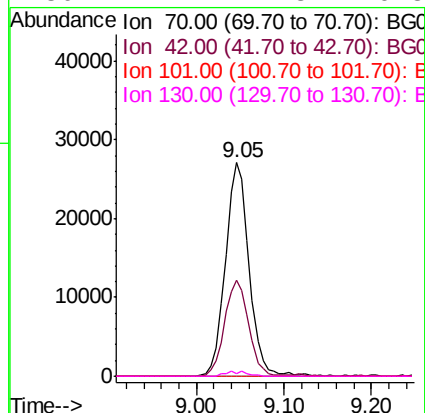
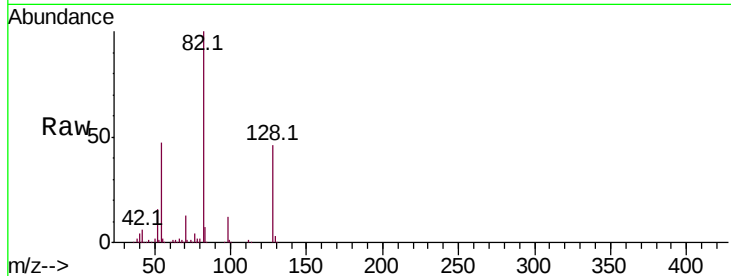




#19
n-Nitroso-di-n-propylamine
Concen: 16.651 ng
RT: 9.05 min Scan# 1014
Delta R.T. 0.35 min
Lab File: BG044471.D
Acq: 18 Feb 2020 14:04

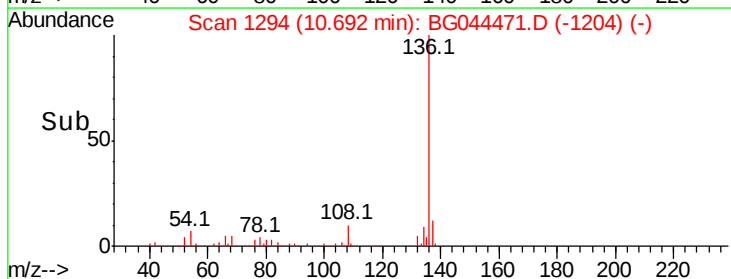
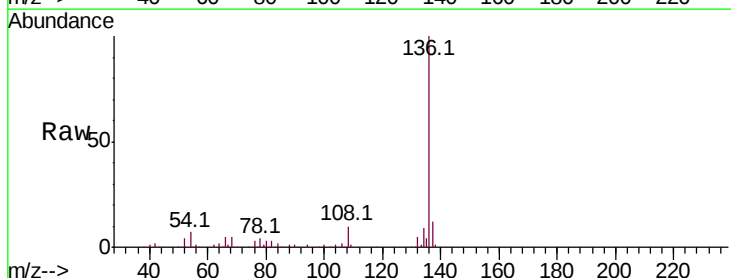
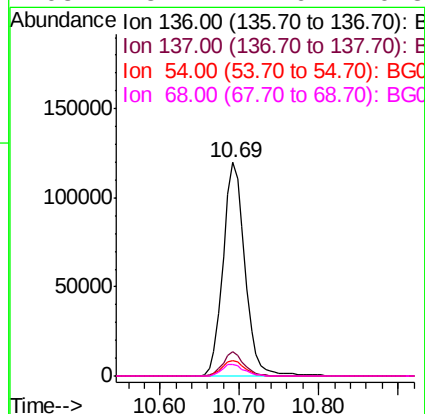
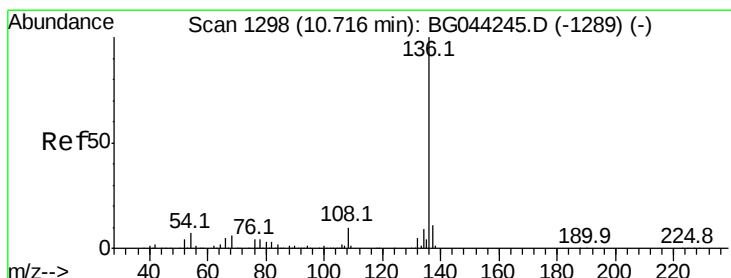
Instrument :
BNA_G
ClientSampleId :
PB126850BL

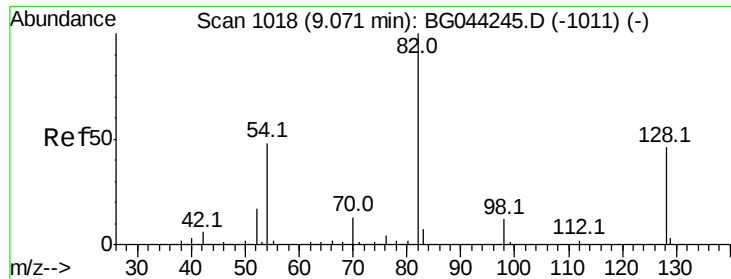
Tot Ion:	70	Resp:	50353
Ion	Ratio	Lower	Upper
70	100		
42	45.2	46.2	69.2#
101	0.0	8.4	12.6#
130	1.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG044471.D
Acq: 18 Feb 2020 14:04

Tgt Ion:	136	Resp:	228705
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	7.2	5.8	8.8
68	5.4	4.6	6.8

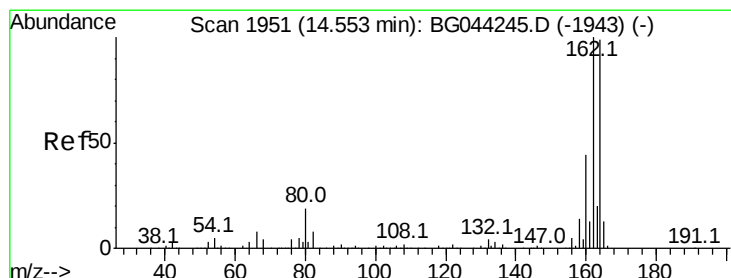
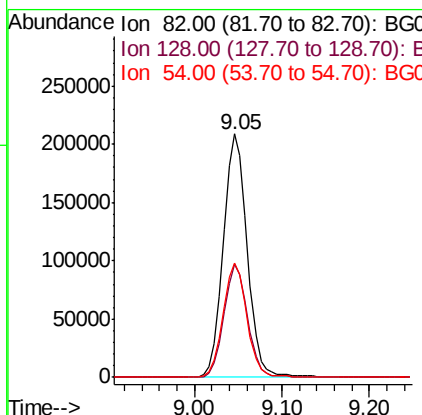
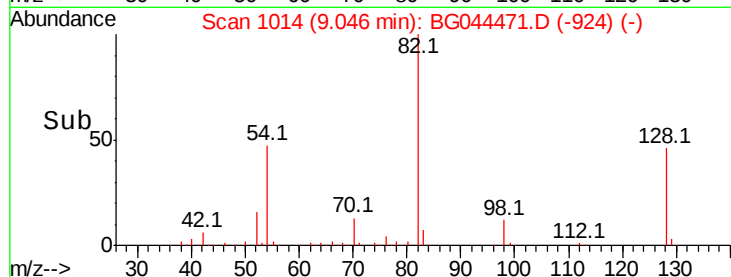
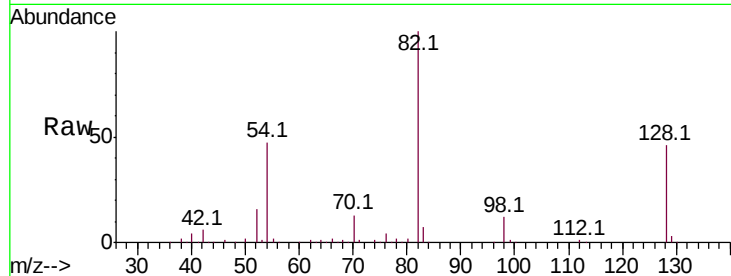




#23
Nitrobenzene-d5
Concen: 97.020 ng
RT: 9.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BG044471.D
Acq: 18 Feb 2020 14:04

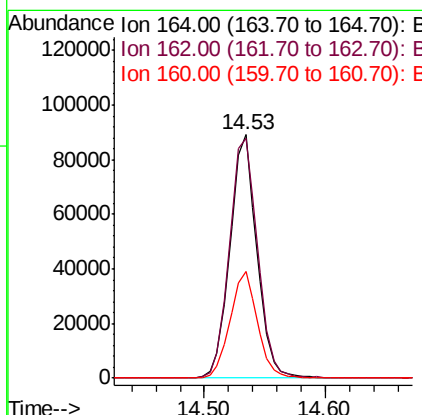
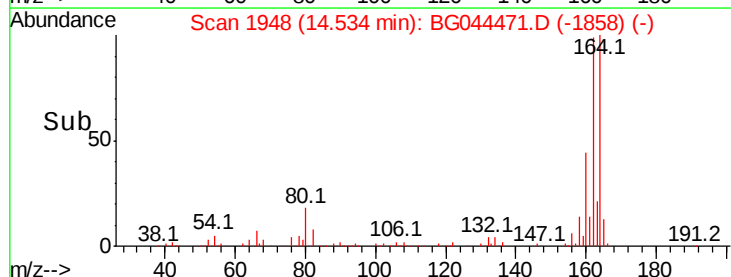
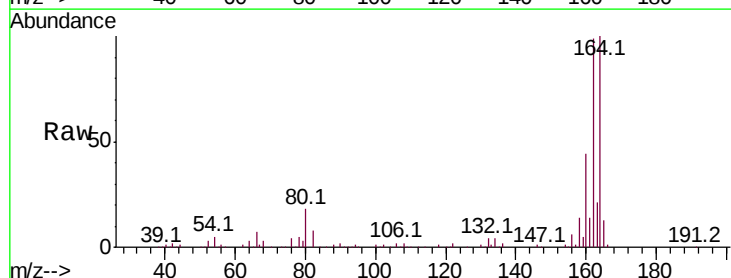
Instrument :
BNA_G
ClientSampled :
PB126850BL

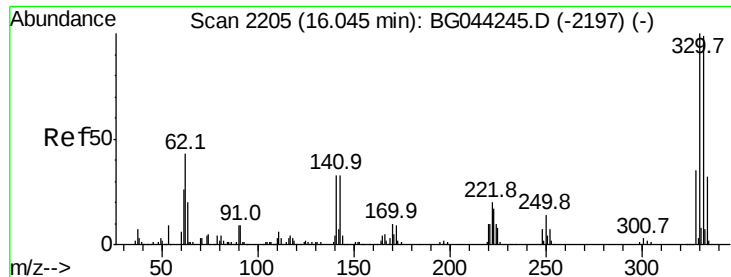
Tot Ion: 82 Resp: 393027
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 47.0 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG044471.D
Acq: 18 Feb 2020 14:04

Tgt Ion:164 Resp: 138387
Ion Ratio Lower Upper
164 100
162 98.6 80.7 121.1
160 43.9 35.3 52.9

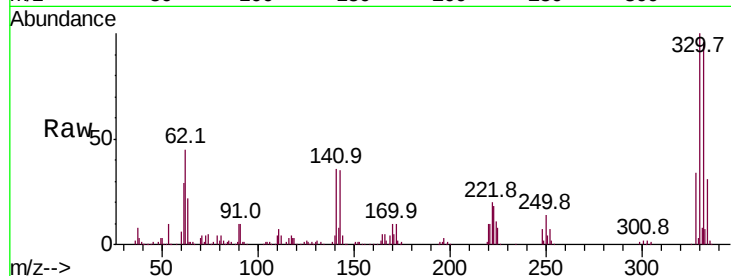




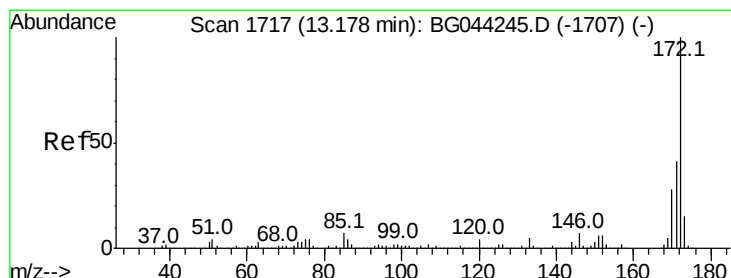
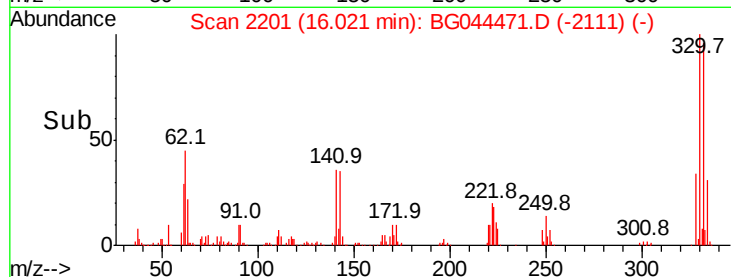
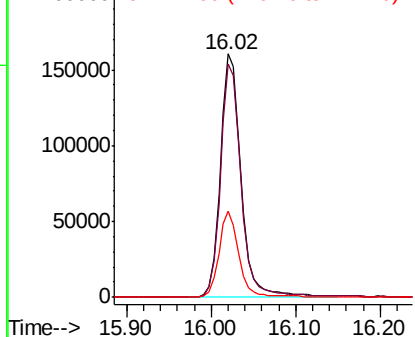
#42
 2,4,6-Tribromophenol
 Concen: 168.659 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG044471.D
 Acq: 18 Feb 2020 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	34.6	28.3	42.5

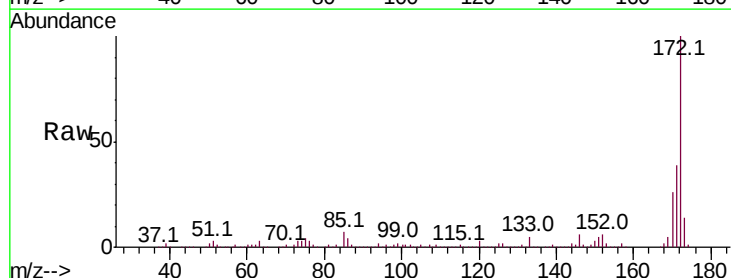


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

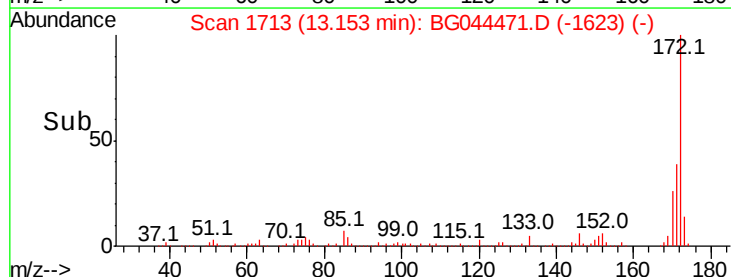
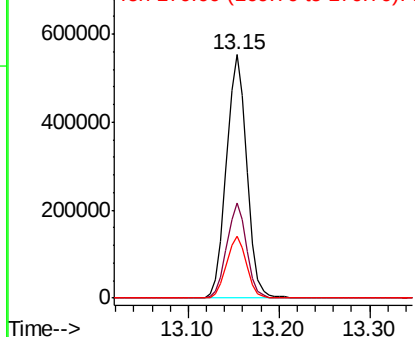


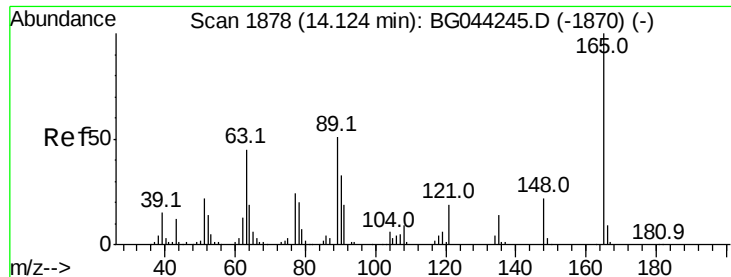
#45
 2-Fluorobiphenyl
 Concen: 104.568 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG044471.D
 Acq: 18 Feb 2020 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.9	49.3
170	25.6	22.0	33.0



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

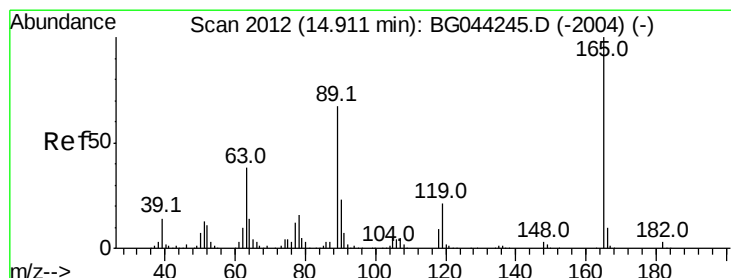
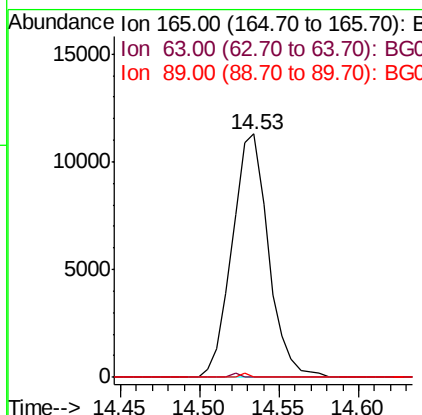
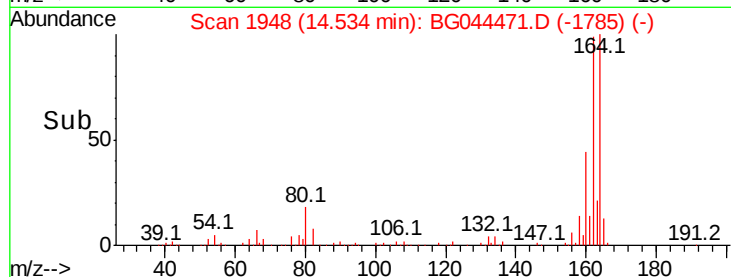
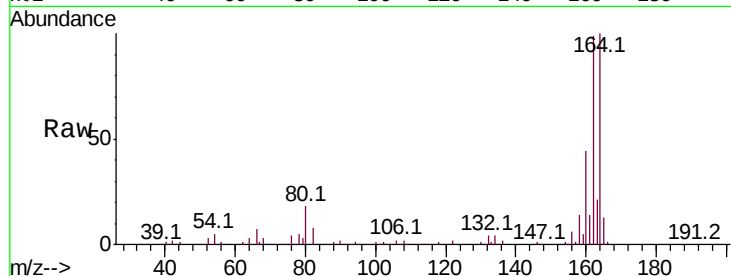




#51
 2,6-Dinitrotoluene
 Concen: 8.063 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. 0.43 min
 Lab File: BG044471.D
 Acq: 18 Feb 2020 14:04

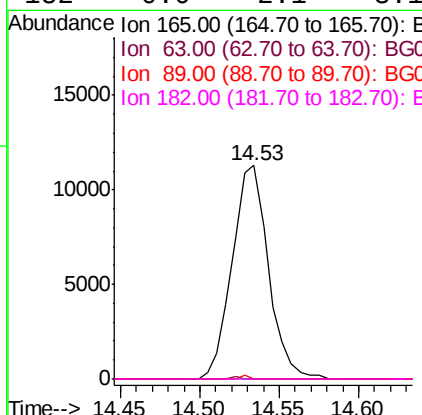
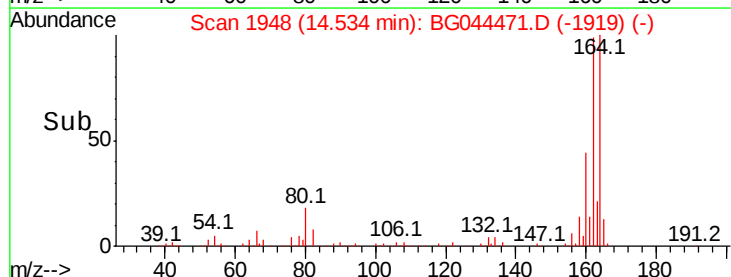
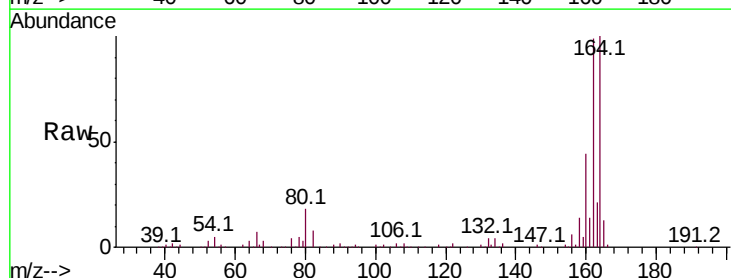
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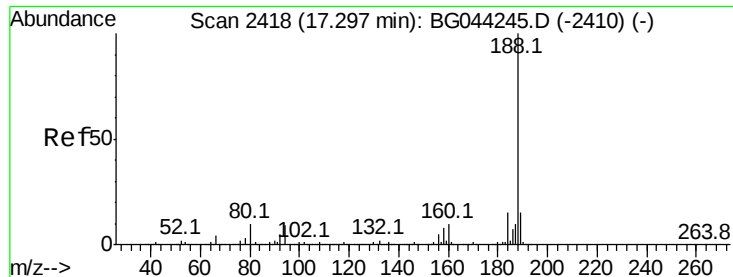
Tot Ion:165 Resp: 17883
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.7 58.1#
 89 0.0 40.4 60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.753 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG044471.D
 Acq: 18 Feb 2020 14:04

Tgt Ion:165 Resp: 17883
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.3 45.5#
 89 0.0 53.4 80.2#
 182 0.0 2.1 3.1#

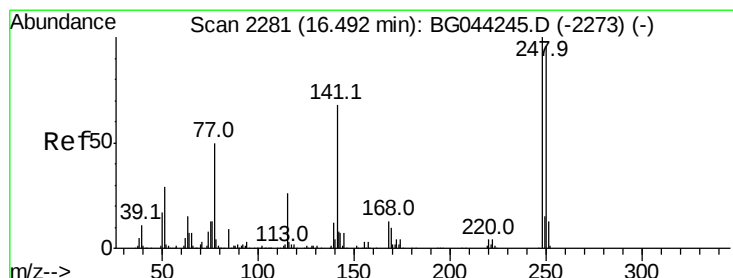
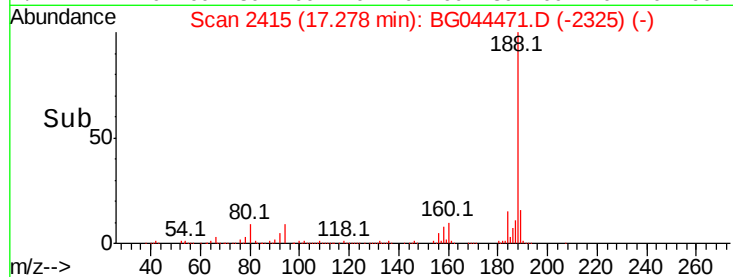
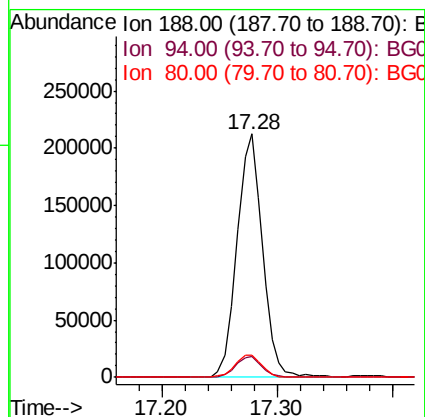
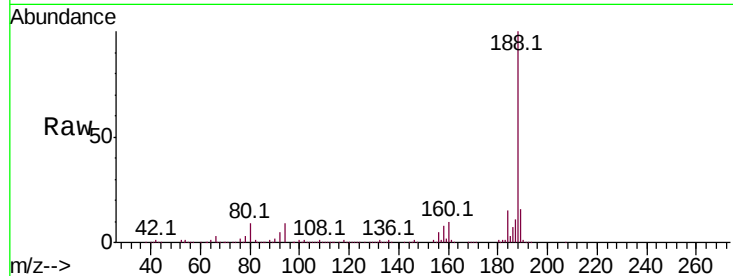




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.28 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BG044471.D
 Acq: 18 Feb 2020 14:04

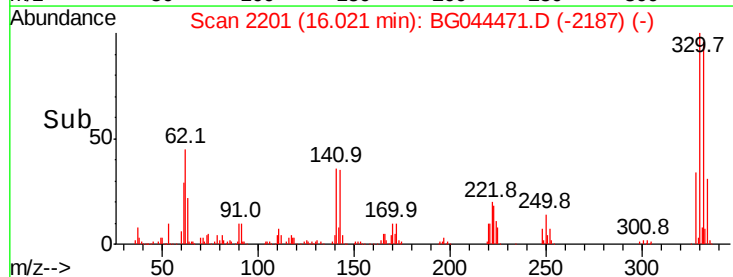
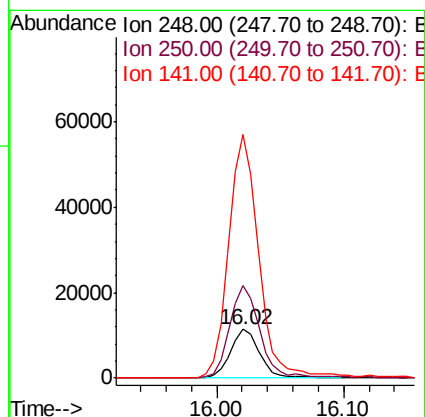
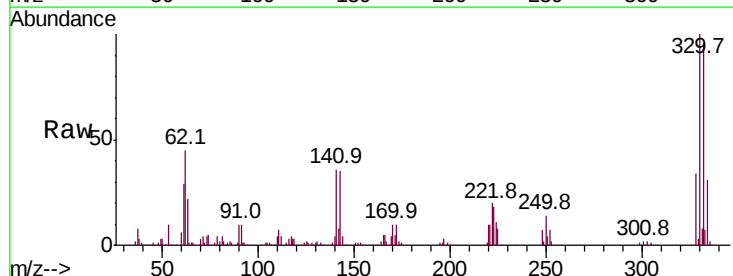
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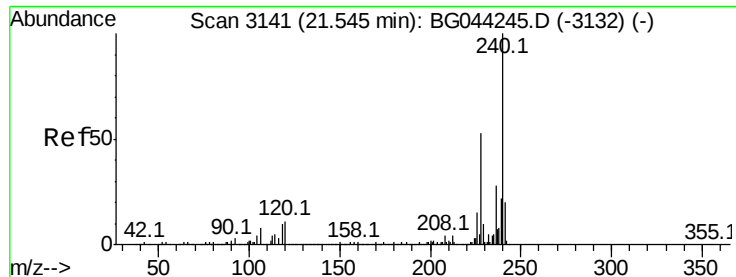
Tot Ion:188 Resp: 324250
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.4 11.2
 80 9.2 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 5.168 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG044471.D
 Acq: 18 Feb 2020 14:04

Tgt Ion:248 Resp: 18257
 Ion Ratio Lower Upper
 248 100
 250 191.0 76.6 114.8#
 141 501.6 54.7 82.1#

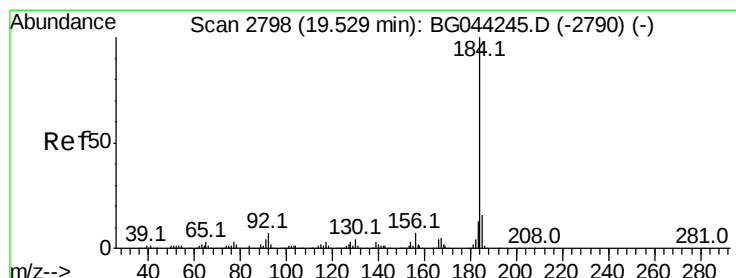
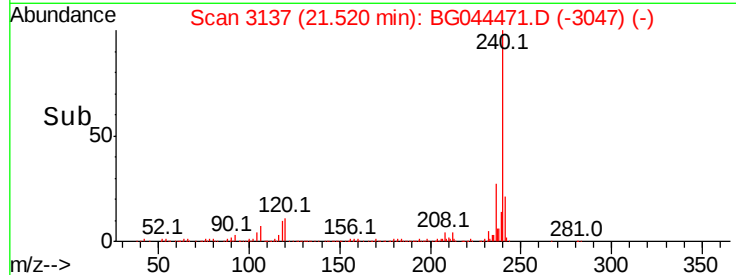
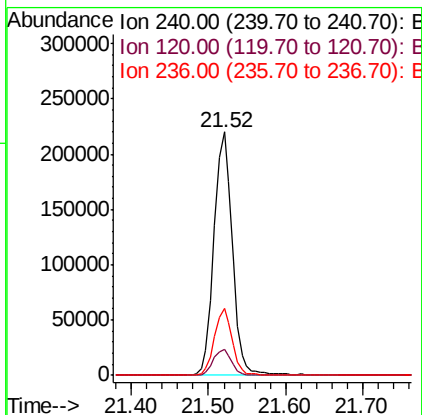
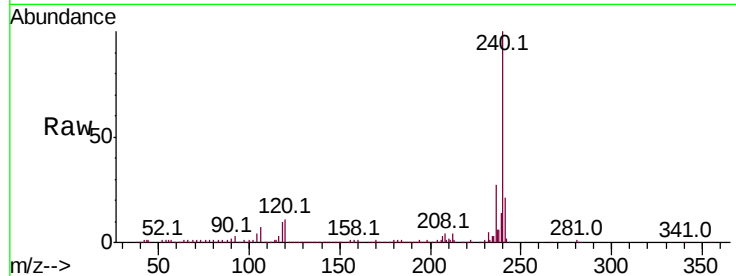




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: BG044471.D
 Acq: 18 Feb 2020 14:04

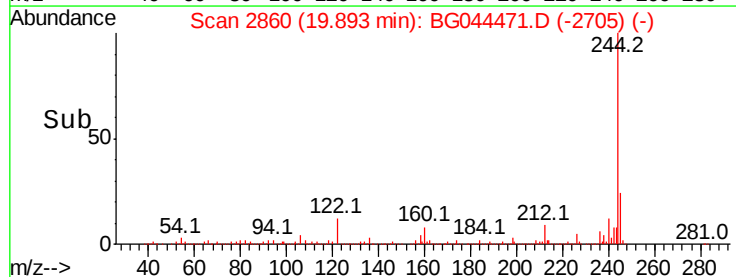
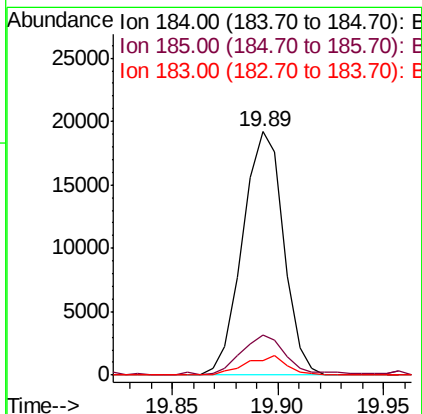
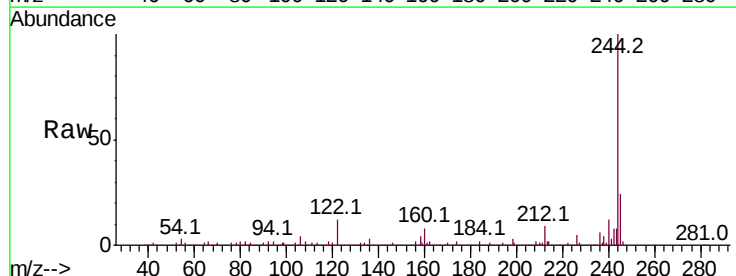
Instrument :
 BNA_G
 ClientSampleId :
 PB126850BL

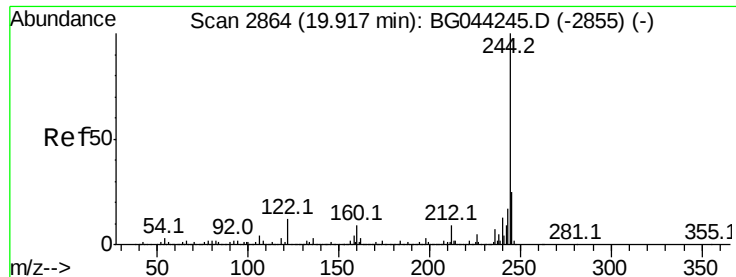
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	27.4	22.1	33.1



#77
 Benzidine
 Concen: 2.579 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. 0.38 min
 Lab File: BG044471.D
 Acq: 18 Feb 2020 14:04

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.9	19.3
183	5.9	10.8	16.2#





#79

Terphenyl-d14

Concen: 92.206 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG044471.D

Acq: 18 Feb 2020 14:04

Instrument :

BNA_G

ClientSampleId :

PB126850BL

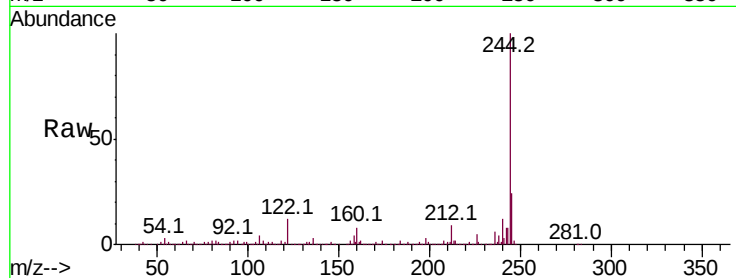
Tot Ion:244 Resp: 1621137

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

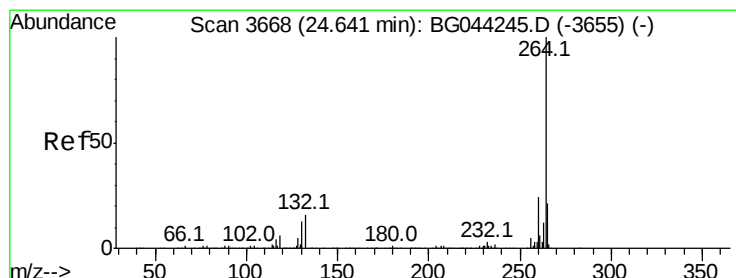
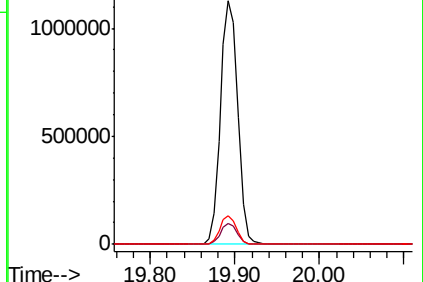
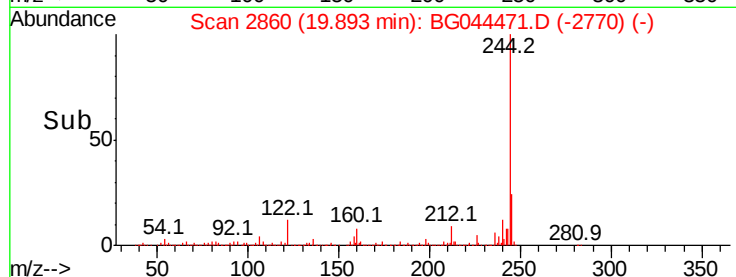
122 11.7 9.8 14.6



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: 24.60 min Scan# 3661

Delta R.T. 0.00 min

Lab File: BG044471.D

Acq: 18 Feb 2020 14:04

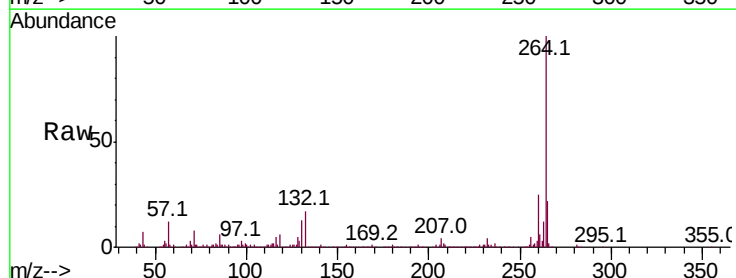
Tgt Ion:264 Resp: 380828

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.5 16.7 25.1



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

