

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044539.D
 Acq On : 21 Feb 2020 3:06
 Operator : CG/JU
 Sample : PB126924BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:52:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

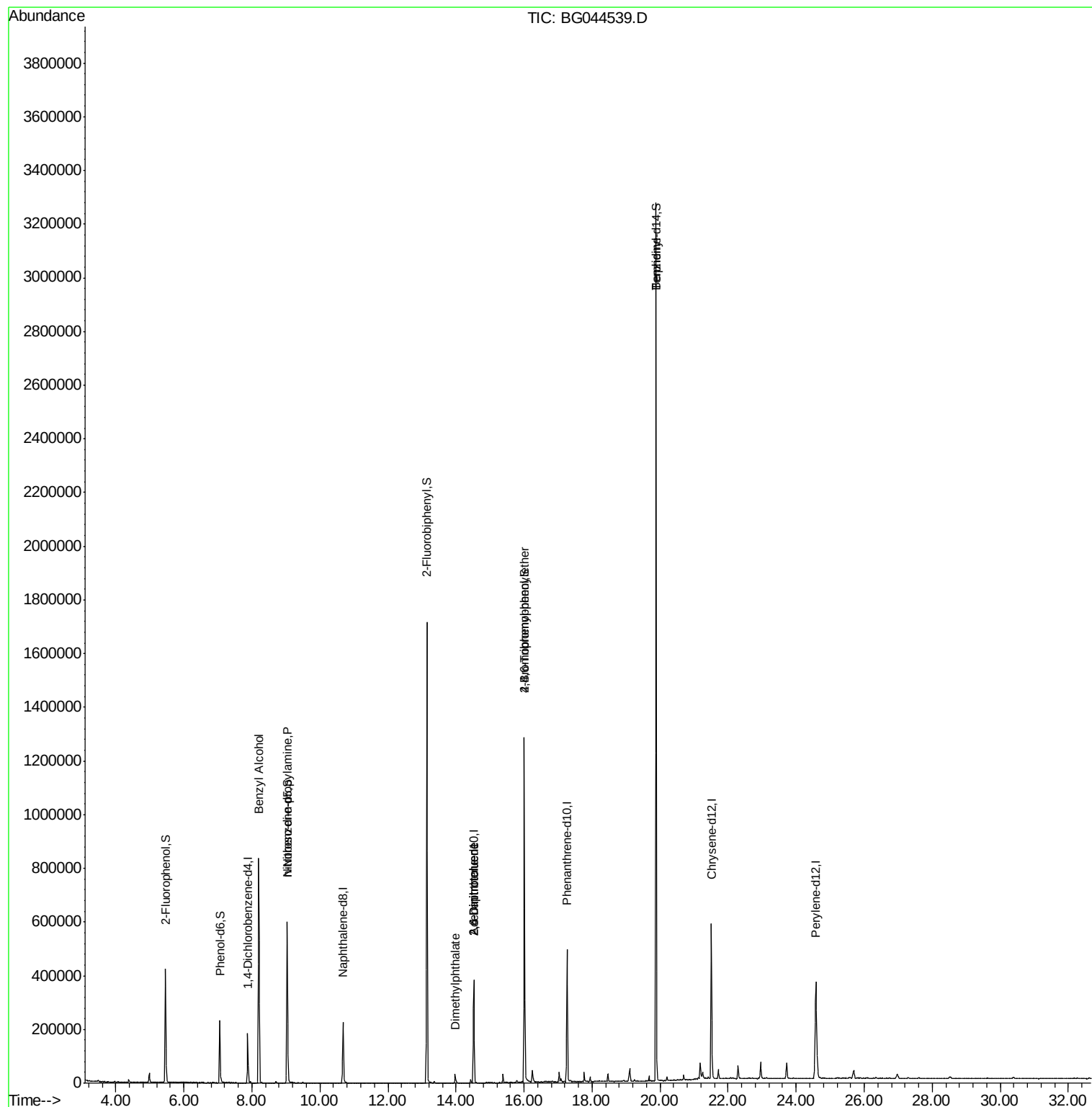
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	56104	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	225712	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	146489	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	336832	20.00	ng	-0.02
76) Chrysene-d12	21.50	240	357238	20.00	ng	-0.03
87) Perylene-d12	24.58	264	377911	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	214429	67.45	ng	-0.02
7) Phenol-d6	7.06	99	167620	39.27	ng	-0.02
23) Nitrobenzene-d5	9.04	82	398849	99.76	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	266484	154.96	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	929059	106.20	ng	-0.02
79) Terphenyl-d14	19.88	244	1551451	89.33	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.20	79	6619	2.190	ng	# 46
19) n-Nitroso-di-n-propylamine	9.04	70	50543	17.765	ng	# 77
50) Dimethylphthalate	13.98	163	30298	2.877	ng	# 96
51) 2,6-Dinitrotoluene	14.52	165	18756	7.989	ng	# 30
57) 2,4-Dinitrotoluene	14.52	165	18756	5.700	ng	# 28
67) 4-Bromophenyl-phenylether	16.01	248	18247	4.972	ng	# 1
77) Benzidine	19.88	184	24304	2.453	ng	# 92

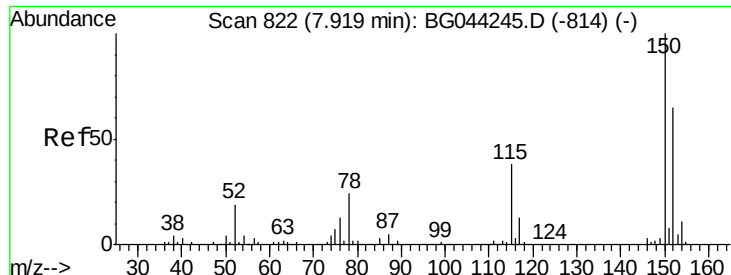
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044539.D
Acq On : 21 Feb 2020 3:06
Operator : CG/JU
Sample : PB126924BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 21 06:52:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



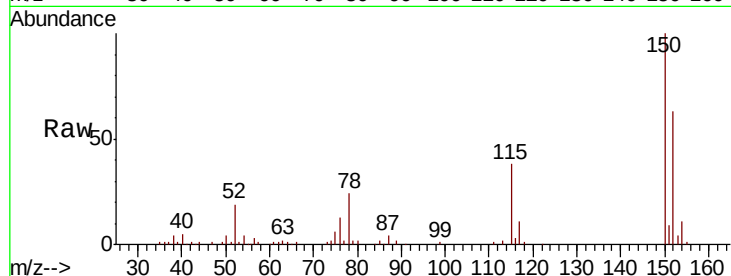


#1

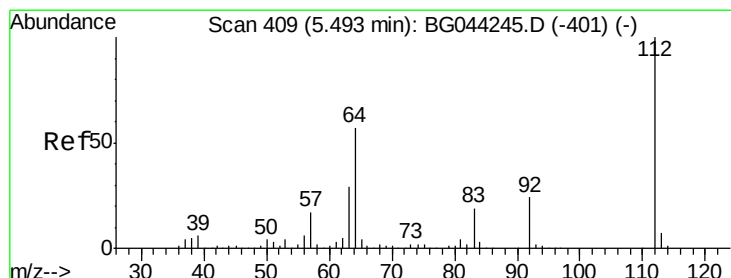
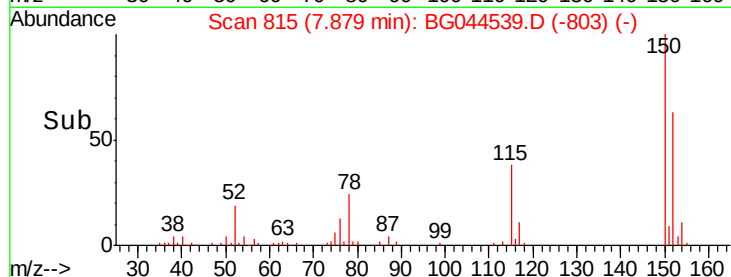
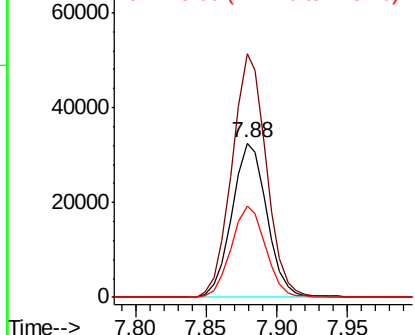
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BG044539.D
 Acq: 21 Feb 2020 3:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.6	183.8
115	59.4	46.0	69.0



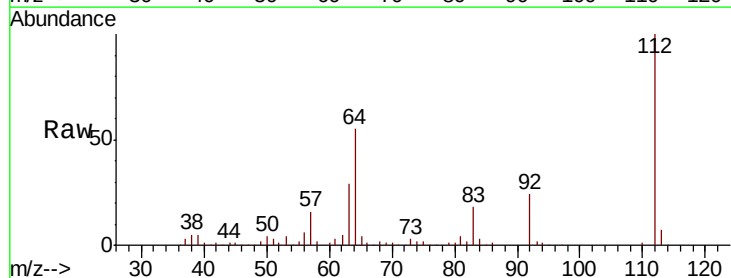
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



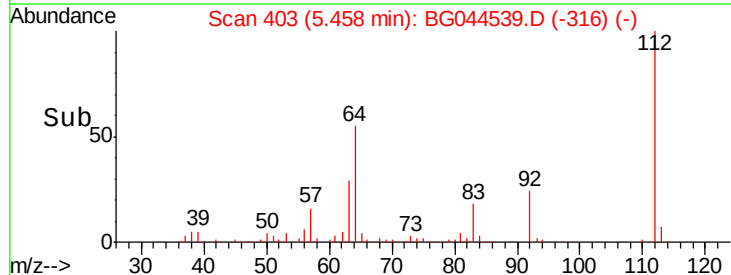
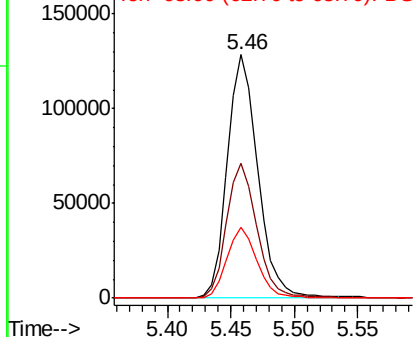
#5

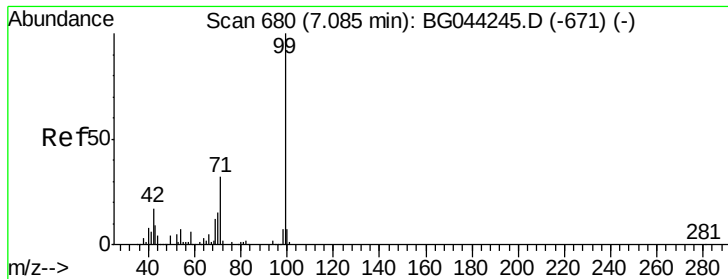
2-Fluorophenol
 Concen: 67.452 ng
 RT: 5.46 min Scan# 403
 Delta R.T. -0.02 min
 Lab File: BG044539.D
 Acq: 21 Feb 2020 3:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	45.4	68.2
63	29.3	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: 39.265 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044539.D

Acq: 21 Feb 2020 3:06

Instrument :

BNA_G

ClientSampled :

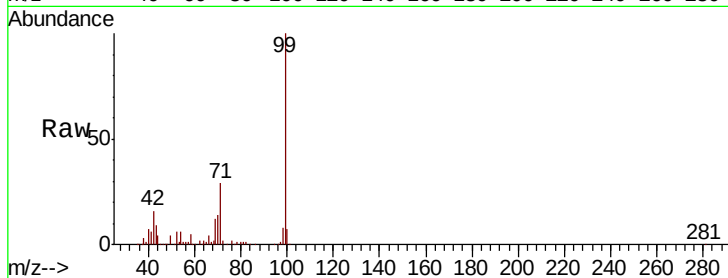
Tot Ion: 99 Resp: 167620

Ion Ratio Lower Upper

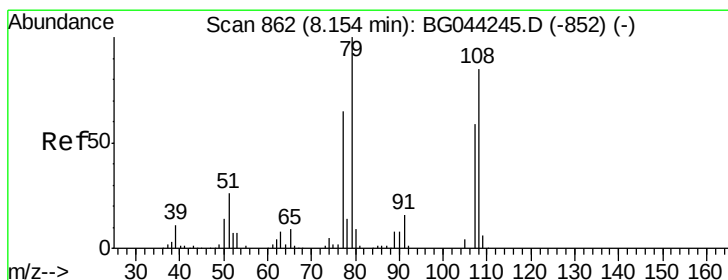
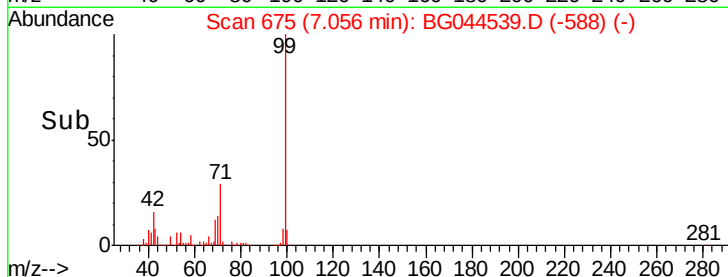
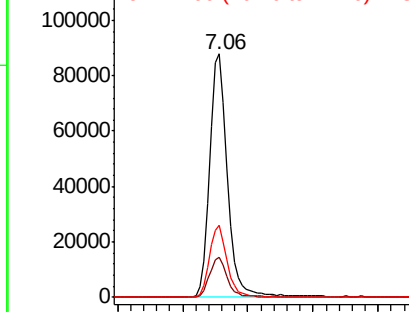
99 100

42 16.2 13.8 20.6

71 29.4 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: 2.190 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.06 min

Lab File: BG044539.D

Acq: 21 Feb 2020 3:06

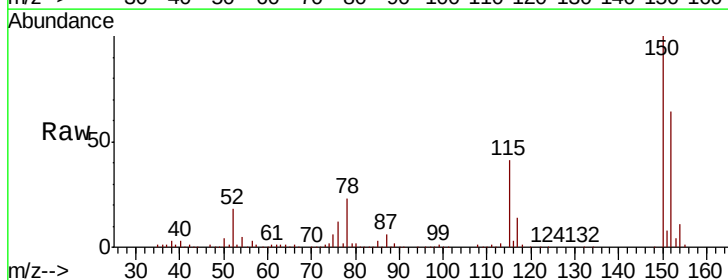
Tgt Ion: 79 Resp: 6619

Ion Ratio Lower Upper

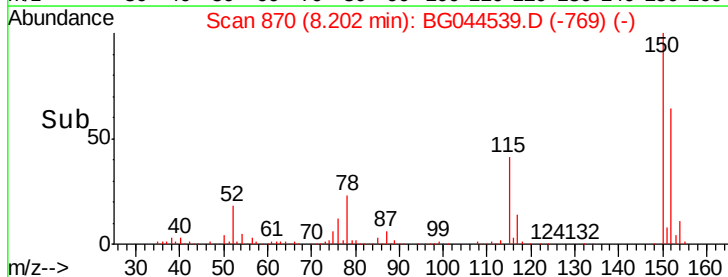
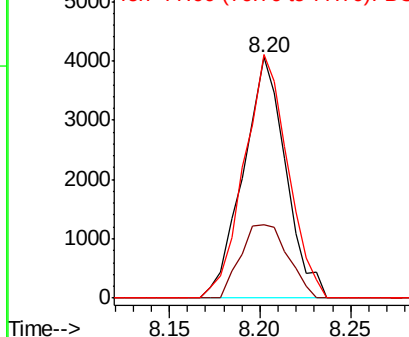
79 100

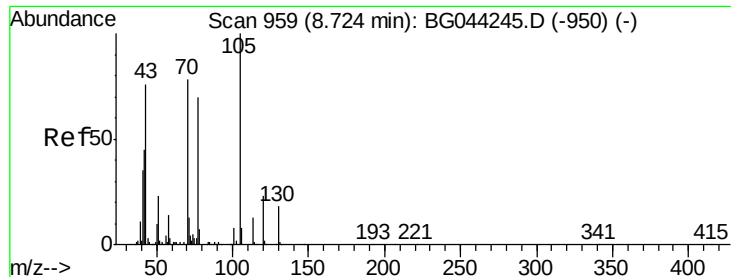
108 30.3 68.3 102.5#

77 101.2 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: 17.765 ng

RT: 9.04 min Scan# 1012

Delta R.T. 0.33 min

Lab File: BG044539.D

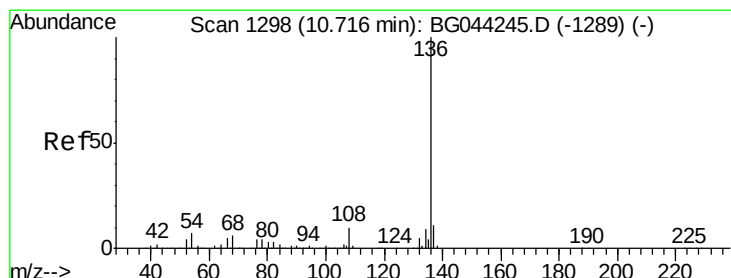
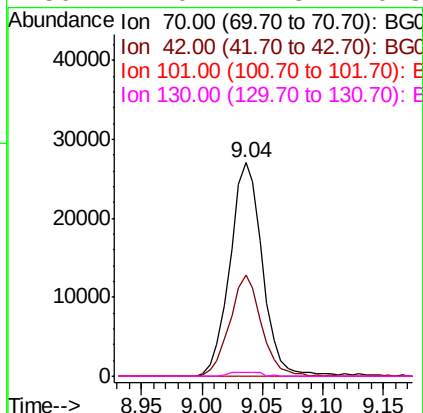
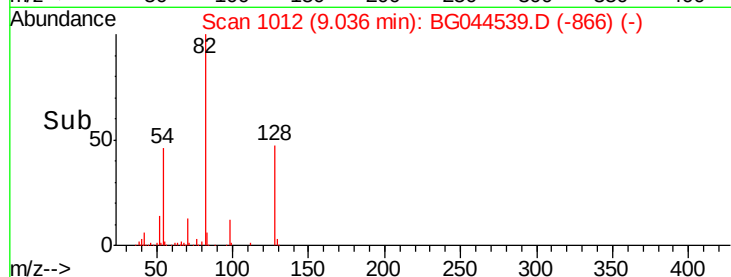
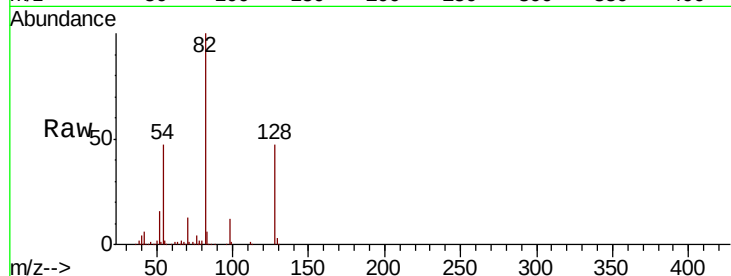
Acq: 21 Feb 2020 3:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	70	Resp:	50543
Ion	Ratio	Lower	Upper
70	100		
42	47.4	46.2	69.2
101	0.0	8.4	12.6#
130	2.0	17.8	26.8#



#21

Naphthalene-d8

Concen: 20.000 ng

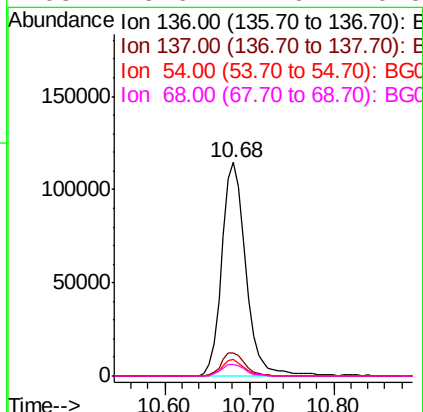
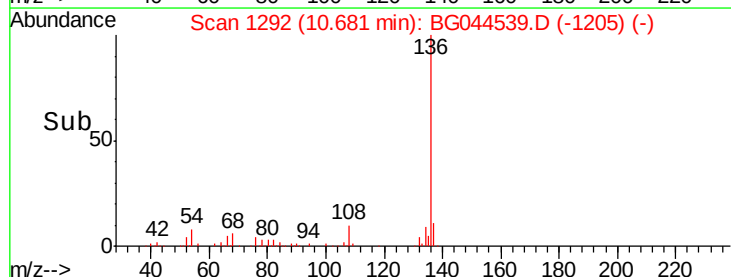
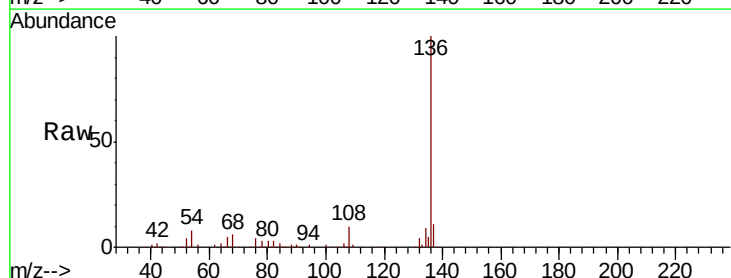
RT: 10.68 min Scan# 1292

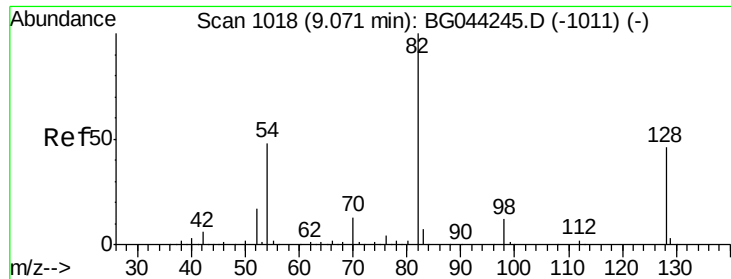
Delta R.T. -0.02 min

Lab File: BG044539.D

Acq: 21 Feb 2020 3:06

Tgt Ion:	136	Resp:	225712
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	5.8	8.8
68	5.6	4.6	6.8

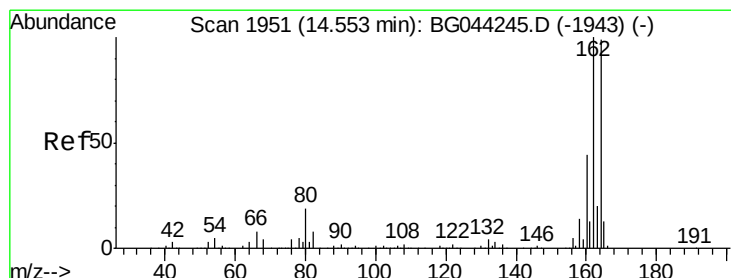
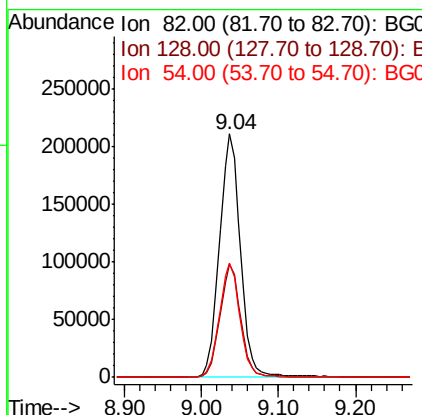
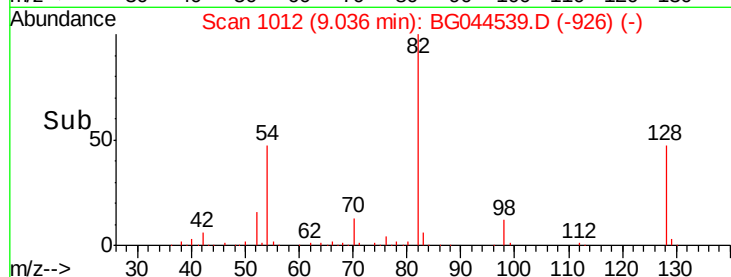
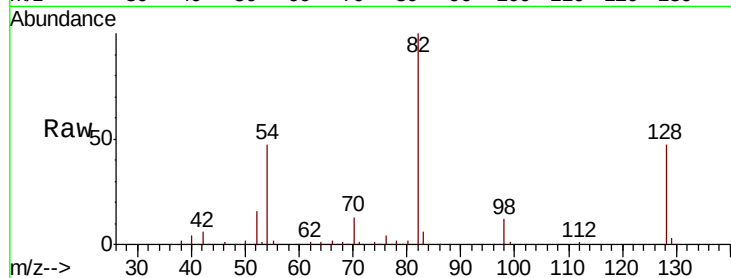




#23
Nitrobenzene-d5
Concen: 99.762 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044539.D
Acq: 21 Feb 2020 3:06

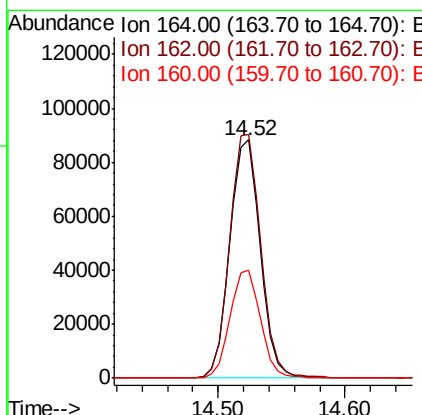
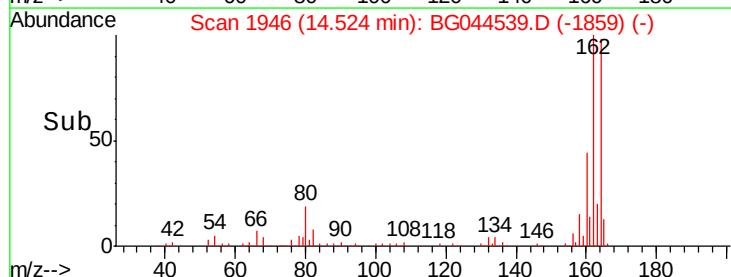
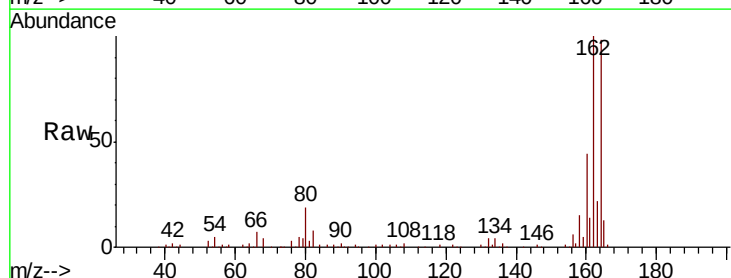
Instrument :
BNA_G
ClientSampled :

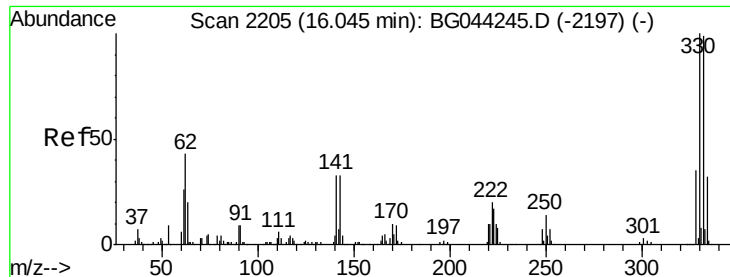
Tot Ion	82	Resp	398849
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
128	46.6		
54	46.8		
	38.6		
	58.0		



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044539.D
Acq: 21 Feb 2020 3:06

Tgt Ion	164	Resp	146489
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
162	102.2		
160	45.4		
	35.3		
	52.9		





#42

2,4,6-Tribromophenol

Concen: 154.960 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG044539.D

Acq: 21 Feb 2020 3:06

Instrument :

BNA_G

ClientSampleId :

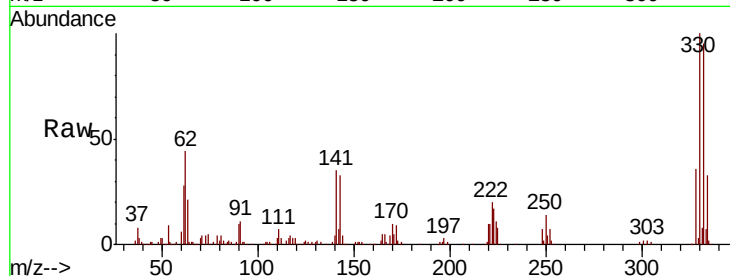
Tot Ion:330 Resp: 266484

Ion Ratio Lower Upper

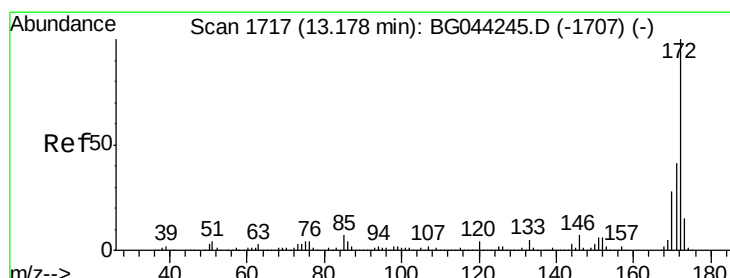
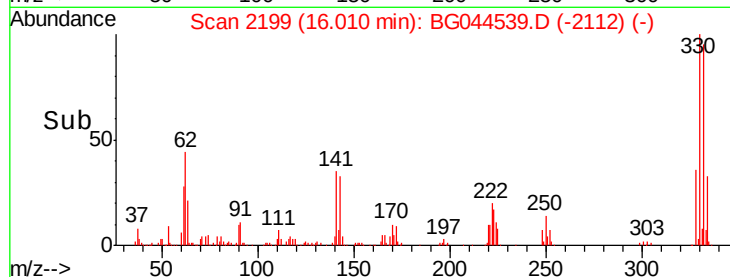
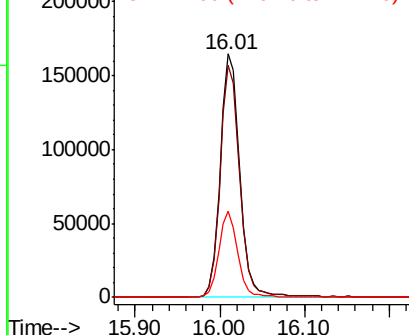
330 100

332 95.4 77.2 115.8

141 34.1 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: 106.203 ng

RT: 13.14 min Scan# 1711

Delta R.T. -0.02 min

Lab File: BG044539.D

Acq: 21 Feb 2020 3:06

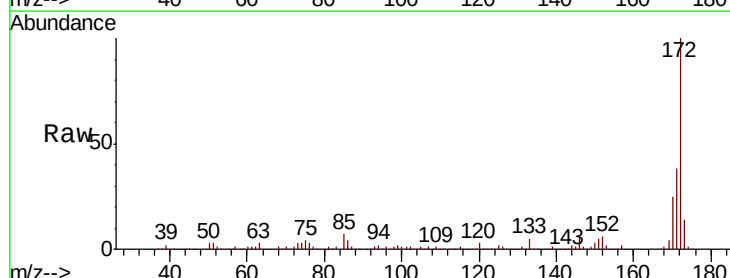
Tgt Ion:172 Resp: 929059

Ion Ratio Lower Upper

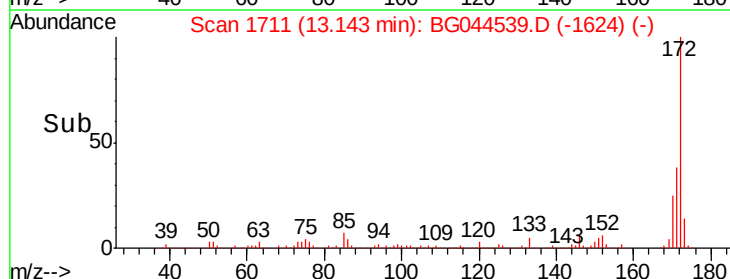
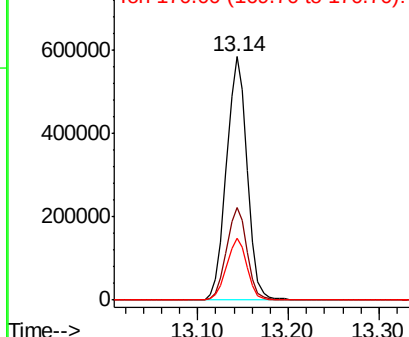
172 100

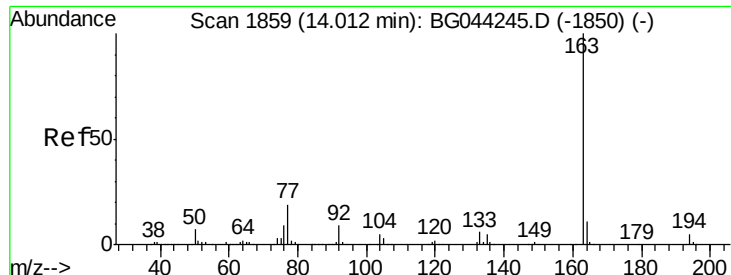
171 37.9 32.9 49.3

170 25.5 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





#50

Dimethylphthalate

Concen: 2.877 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BG044539.D

Acq: 21 Feb 2020 3:06

Instrument :

BNA_G

ClientSampleId :

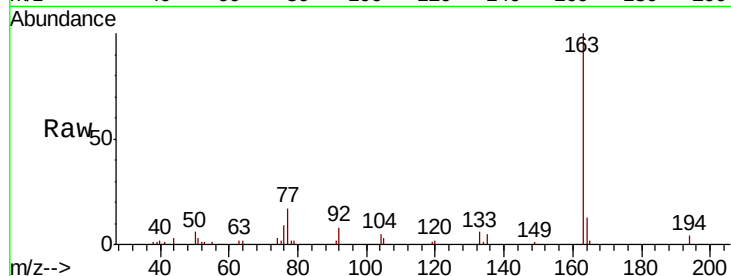
Tot Ion:163 Resp: 30298

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

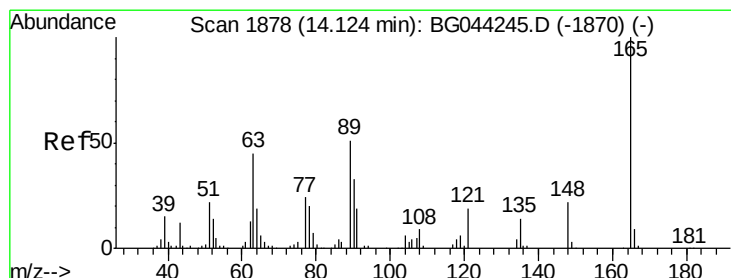
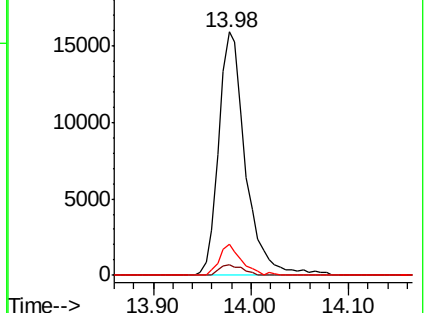
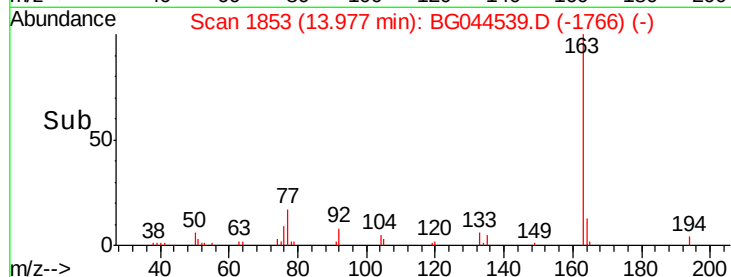
164 13.0 8.7 13.1



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



#51

2,6-Dinitrotoluene

Concen: 7.989 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.41 min

Lab File: BG044539.D

Acq: 21 Feb 2020 3:06

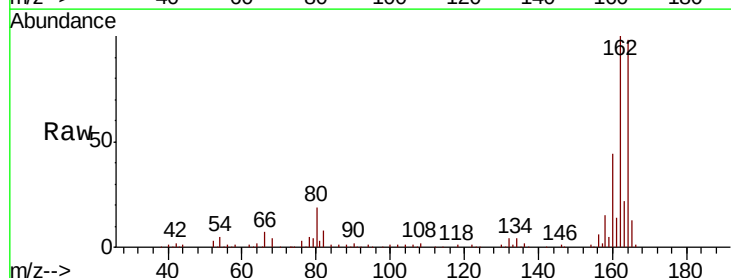
Tgt Ion:165 Resp: 18756

Ion Ratio Lower Upper

165 100

63 1.9 38.7 58.1#

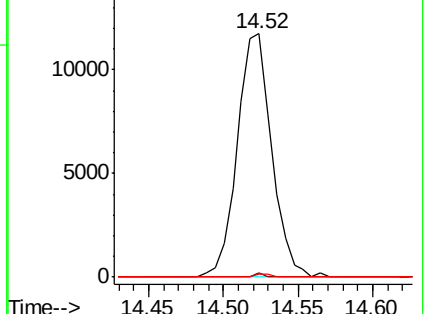
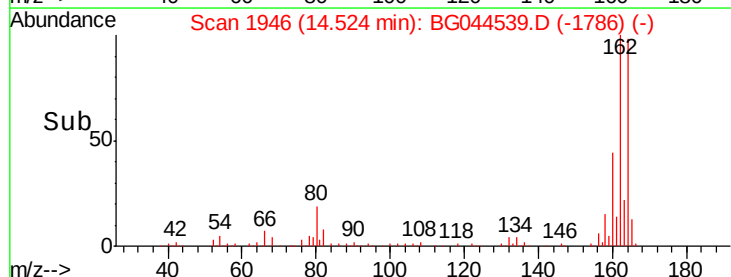
89 1.3 40.4 60.6#

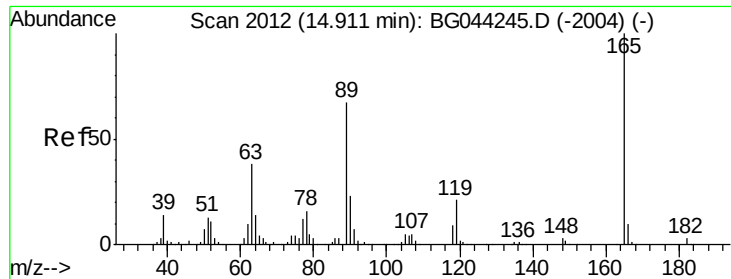


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

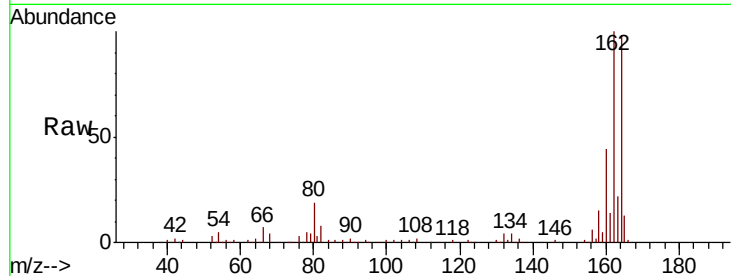




#57
 2,4-Dinitrotoluene
 Concen: 5.700 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG044539.D
 Acq: 21 Feb 2020 3:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	30.3	45.5#
89	1.3	53.4	80.2#
182	0.0	2.1	3.1#

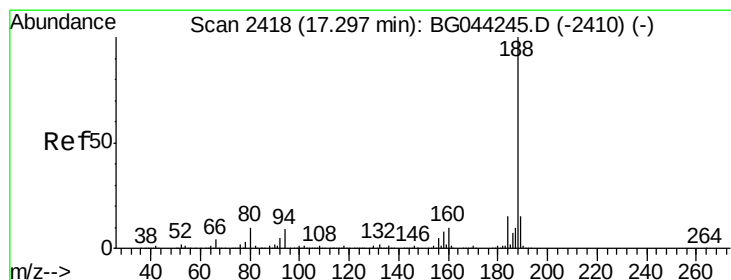
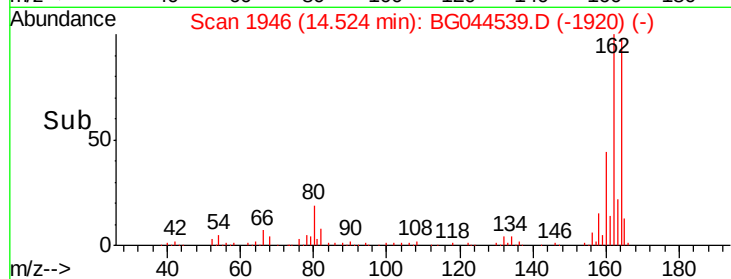
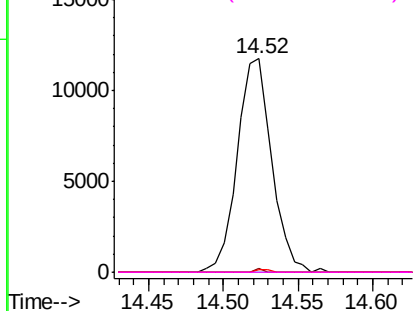


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

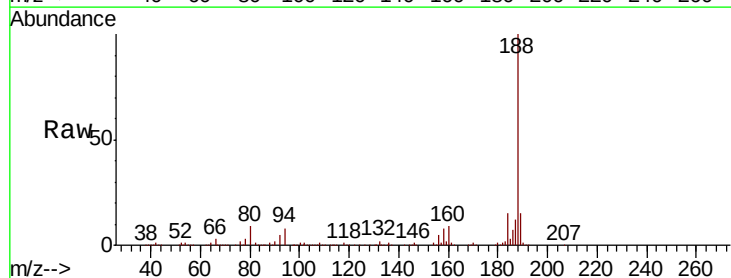
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG044539.D
 Acq: 21 Feb 2020 3:06

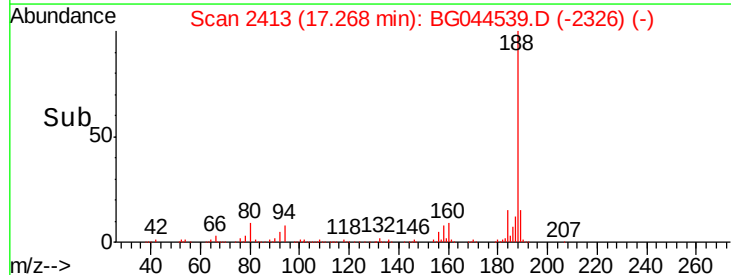
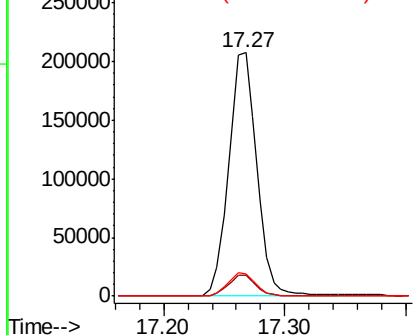
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.2
80	9.2	7.7	11.5

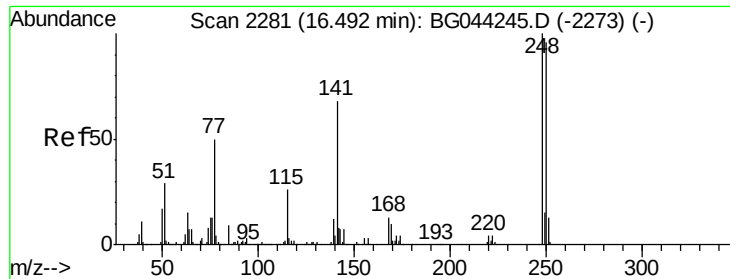


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

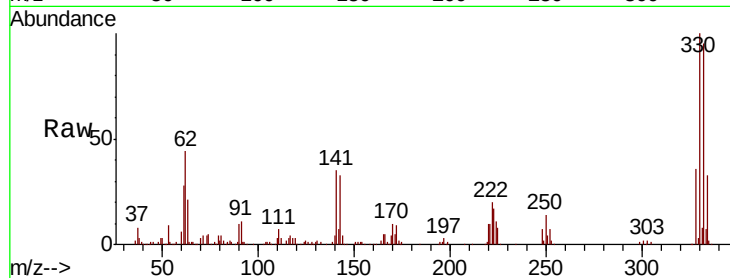




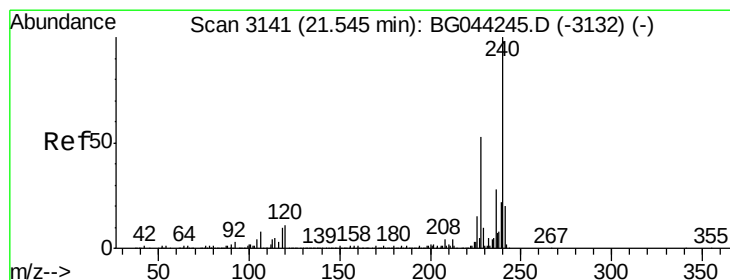
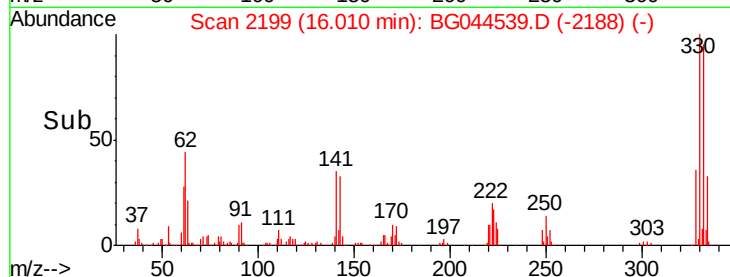
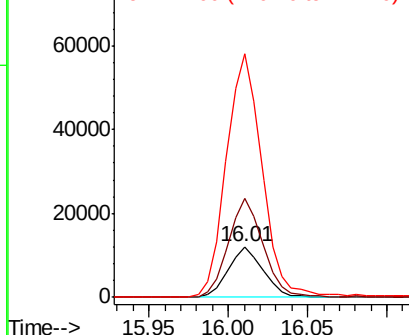
#67
4-Bromophenyl-phenylether
Concen: 4.972 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.47 min
Lab File: BG044539.D
Acq: 21 Feb 2020 3:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 18247
Ion Ratio Lower Upper
248 100
250 194.7 76.6 114.8#
141 478.4 54.7 82.1#

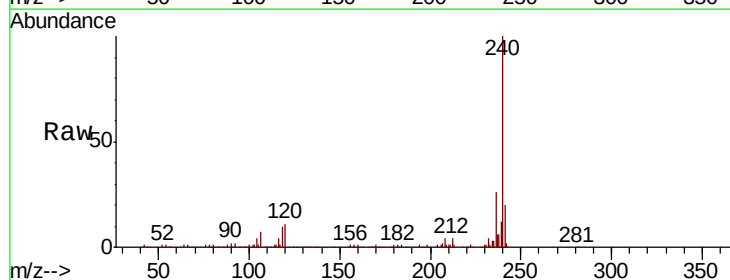


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

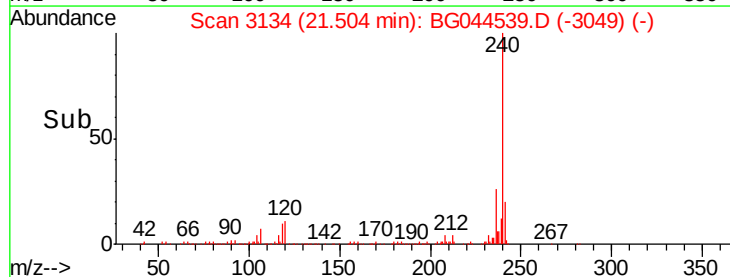
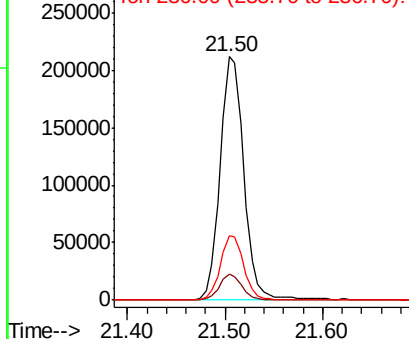


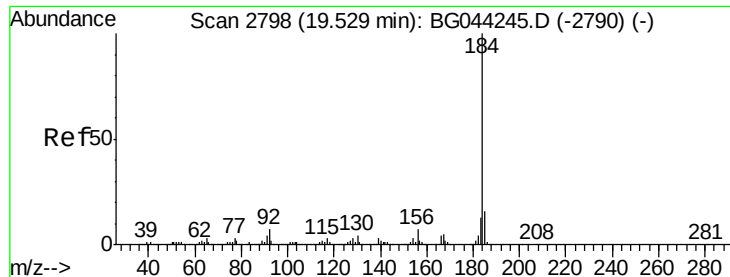
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.03 min
Lab File: BG044539.D
Acq: 21 Feb 2020 3:06

Tgt Ion:240 Resp: 357238
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 26.3 22.1 33.1



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





#77

Benzidine

Concen: 2.453 ng

RT: 19.88 min Scan# 2858

Delta R.T. 0.36 min

Lab File: BG044539.D

Acq: 21 Feb 2020 3:06

Instrument :

BNA_G

ClientSampled :

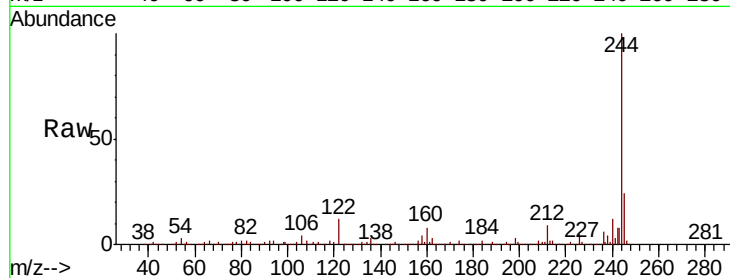
Tot Ion:184 Resp: 24304

Ion Ratio Lower Upper

184 100

185 15.3 12.9 19.3

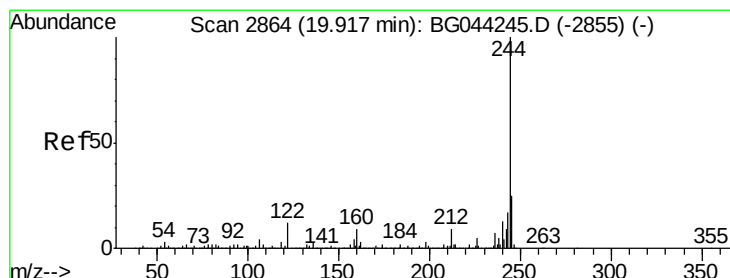
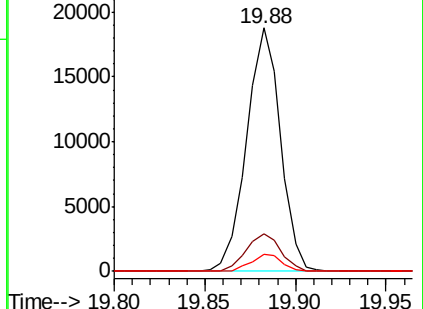
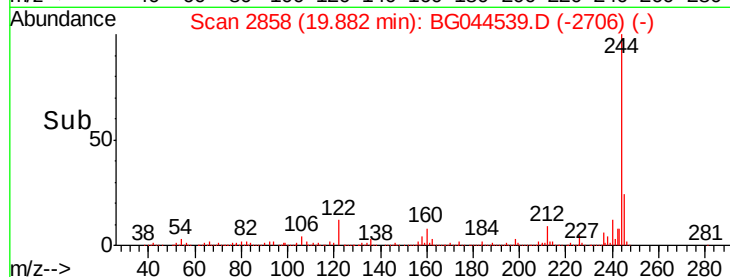
183 7.2 10.8 16.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 89.328 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044539.D

Acq: 21 Feb 2020 3:06

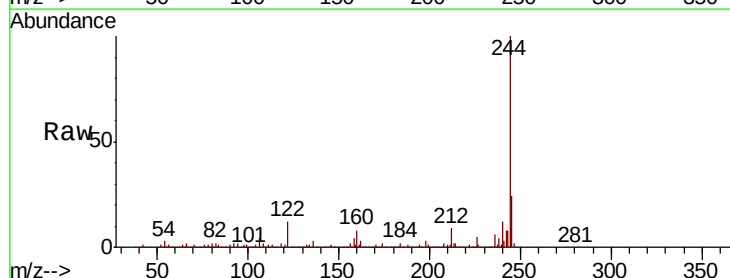
Tgt Ion:244 Resp: 1551451

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

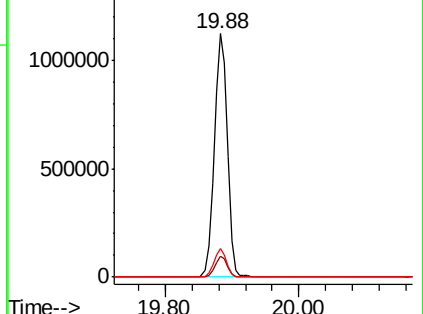
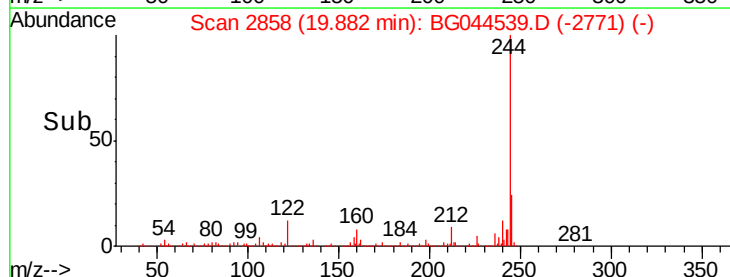
122 11.7 9.8 14.6

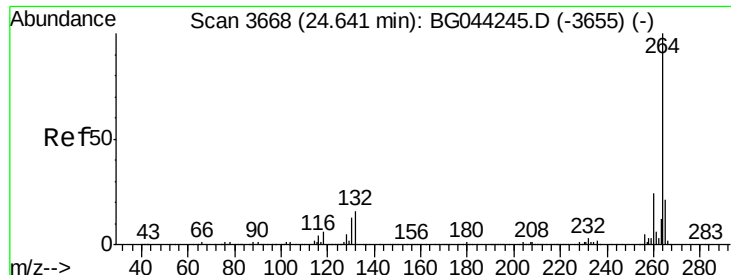


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

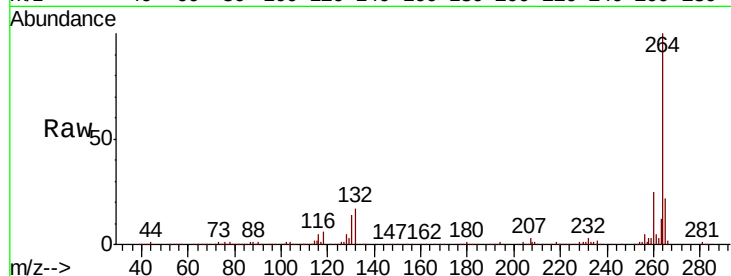




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3657
Delta R.T. -0.04 min
Lab File: BG044539.D
Acq: 21 Feb 2020 3:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	377911
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	22.5	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

