

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044537.D
 Acq On : 21 Feb 2020 1:48
 Operator : CG/JU
 Sample : L1587-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:52:12 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

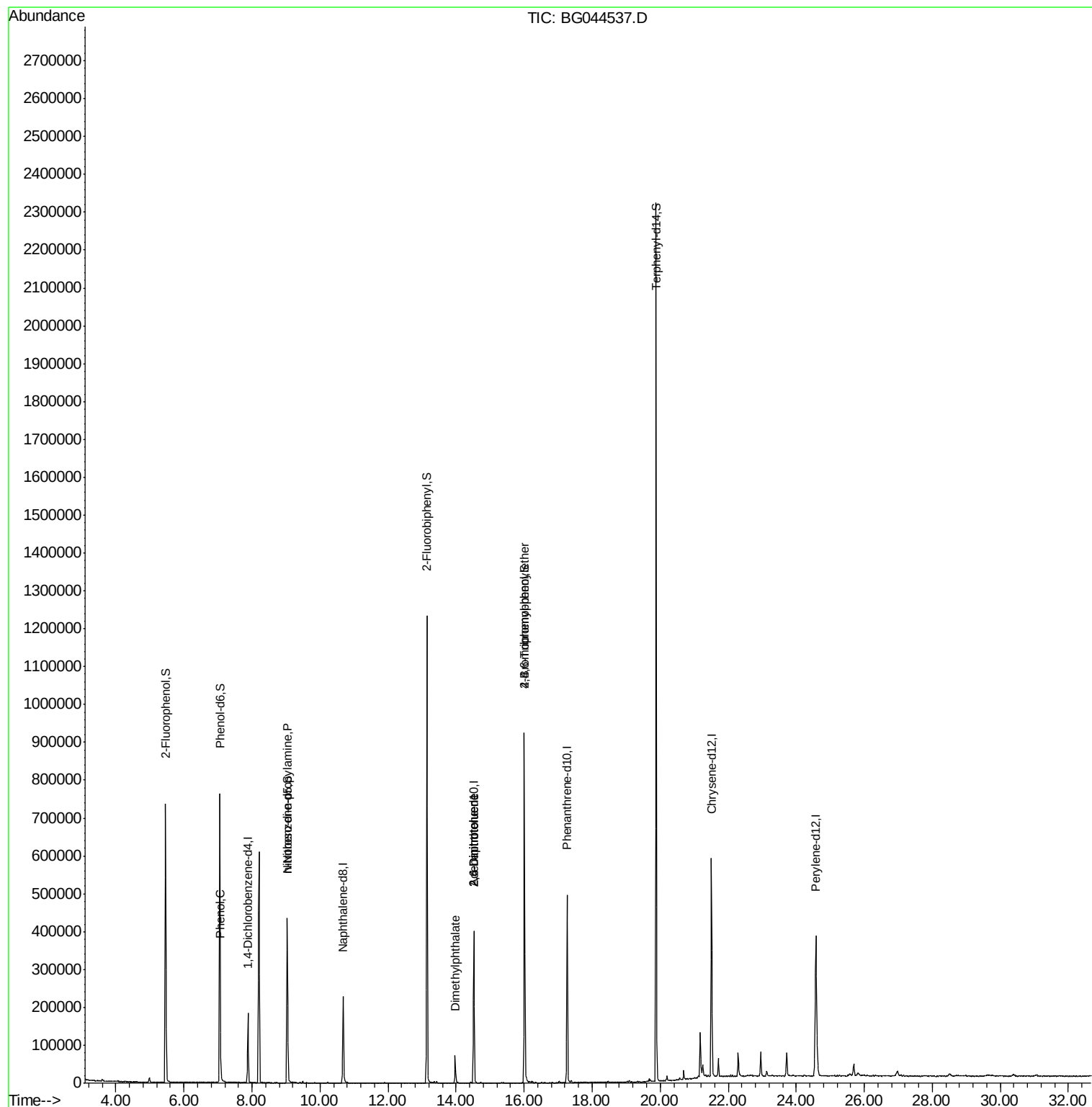
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	56732	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	227008	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	148485	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	332166	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	337379	20.00	ng	-0.03
87) Perylene-d12	24.57	264	382080	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	380160	118.26	ng	-0.02
7) Phenol-d6	7.05	99	504843	116.95	ng	-0.02
23) Nitrobenzene-d5	9.03	82	297277	73.93	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	204307	117.21	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	698554	78.78	ng	-0.02
79) Terphenyl-d14	19.88	244	1200579	73.19	ng	-0.02
Target Compounds						
10) Phenol	7.08	94	11313	2.648	ng	# 73
19) n-Nitroso-di-n-propylamine	9.03	70	37653	13.088	ng	# 76
50) Dimethylphthalate	13.98	163	62896	5.893	ng	# 97
51) 2,6-Dinitrotoluene	14.52	165	19354	8.132	ng	# 28
57) 2,4-Dinitrotoluene	14.52	165	19354	5.802	ng	# 26
67) 4-Bromophenyl-phenylether	16.01	248	13401	3.703	ng	# 1

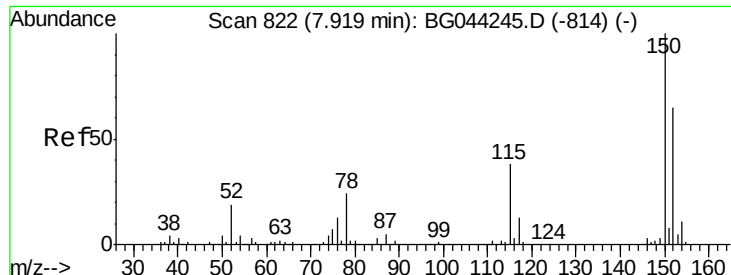
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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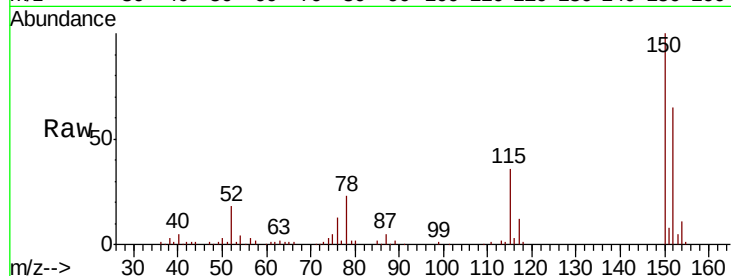


#1

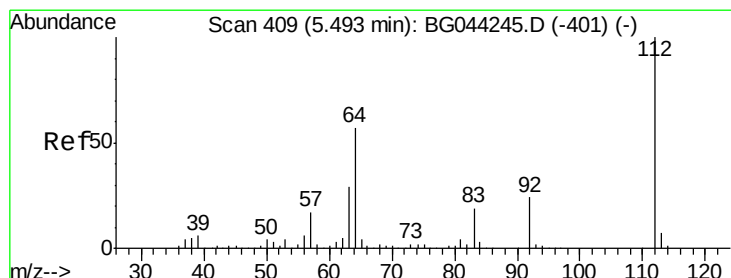
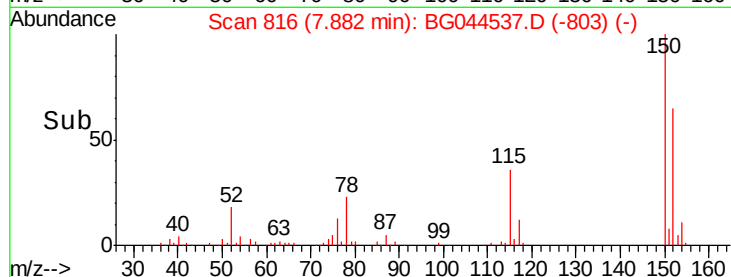
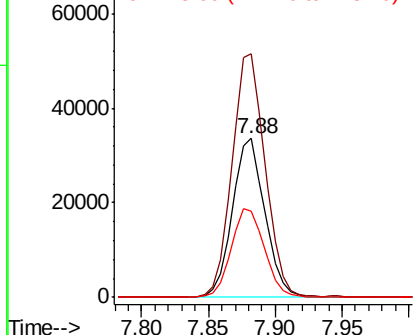
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG044537.D
Acq: 21 Feb 2020 1:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56732
Ion Ratio Lower Upper
152 100
150 153.5 122.6 183.8
115 54.7 46.0 69.0



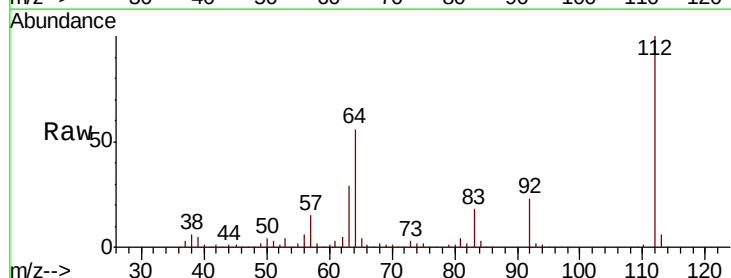
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



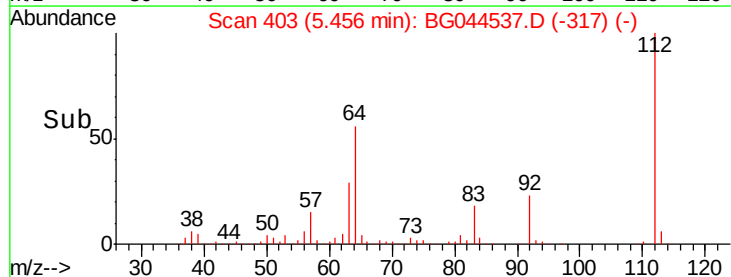
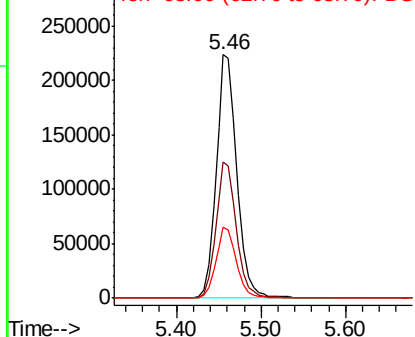
#5

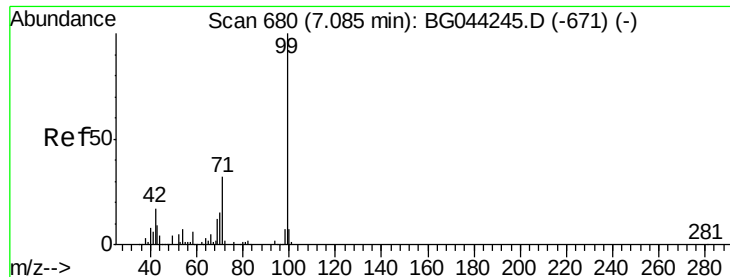
2-Fluorophenol
Concen: 118.262 ng
RT: 5.46 min Scan# 403
Delta R.T. -0.02 min
Lab File: BG044537.D
Acq: 21 Feb 2020 1:48

Tgt Ion:112 Resp: 380160
Ion Ratio Lower Upper
112 100
64 55.7 45.4 68.2
63 29.0 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: 116.952 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044537.D

Acq: 21 Feb 2020 1:48

Instrument :

BNA_G

ClientSampled :

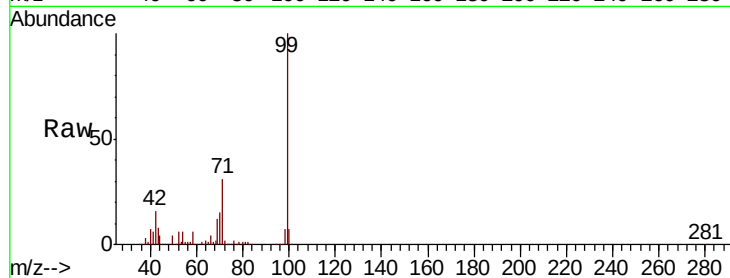
Tot Ion: 99 Resp: 504843

Ion Ratio Lower Upper

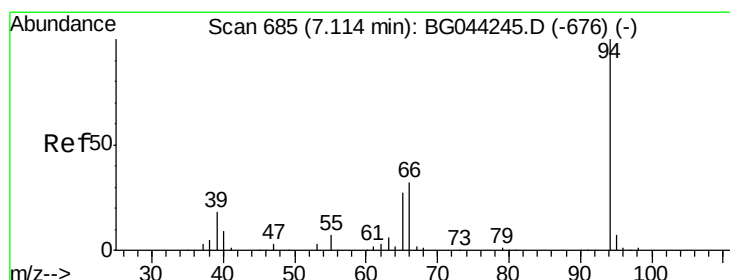
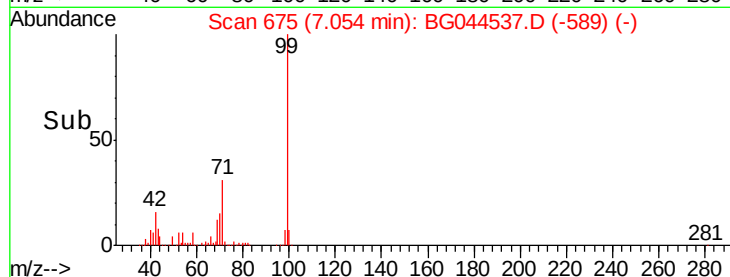
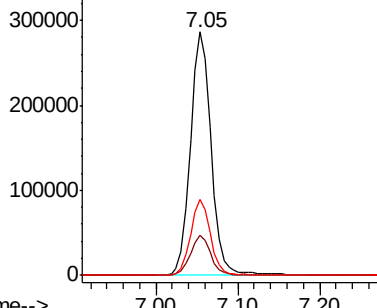
99 100

42 16.5 13.8 20.6

71 31.3 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



#10

Phenol

Concen: 2.648 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044537.D

Acq: 21 Feb 2020 1:48

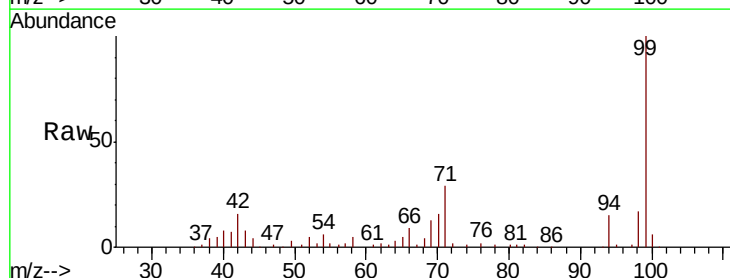
Tgt Ion: 94 Resp: 11313

Ion Ratio Lower Upper

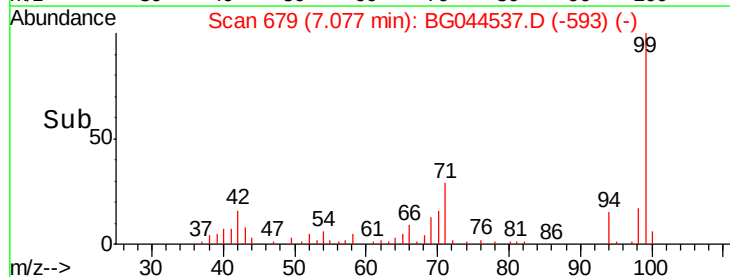
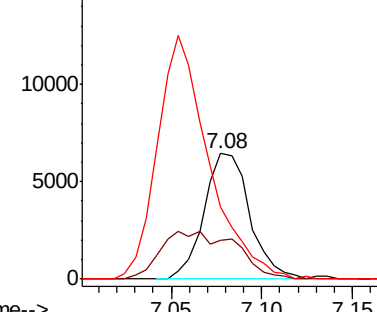
94 100

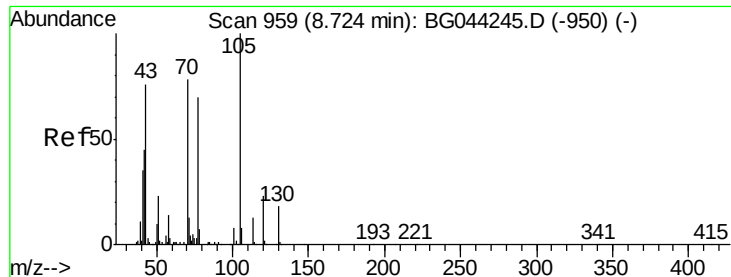
65 31.0 7.0 47.0

66 57.0 12.7 52.7#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

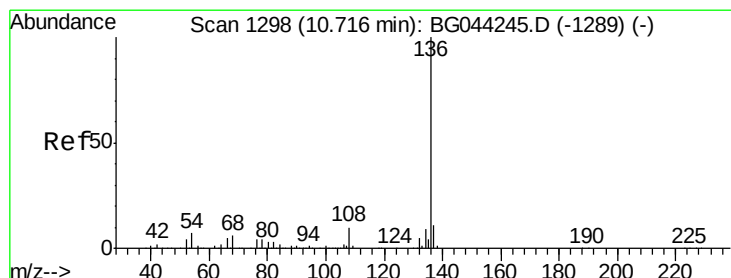
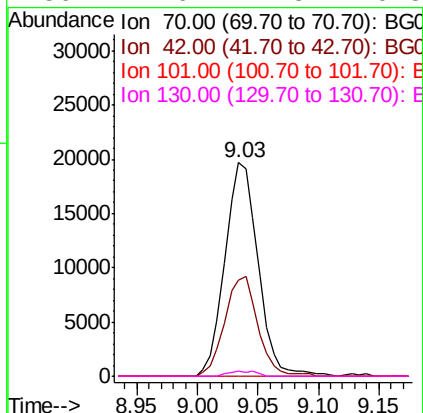
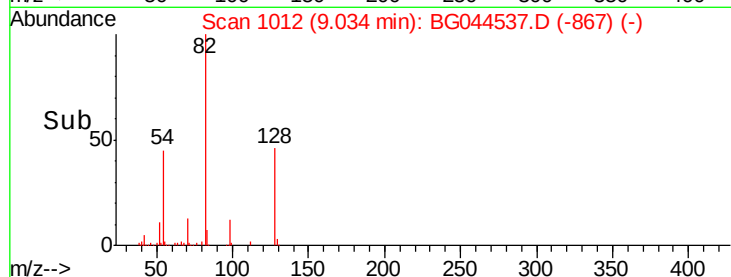
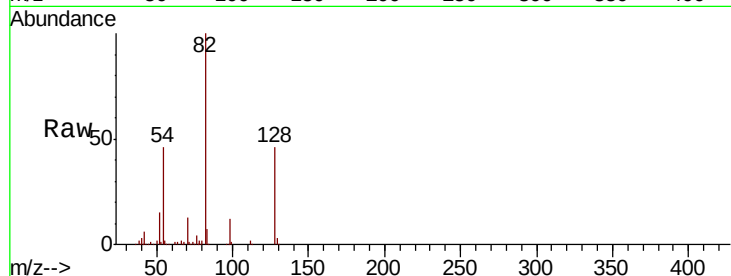




#19
n-Nitroso-di-n-propylamine
Concen: 13.088 ng
RT: 9.03 min Scan# 1012
Delta R.T. 0.32 min
Lab File: BG044537.D
Acq: 21 Feb 2020 1:48

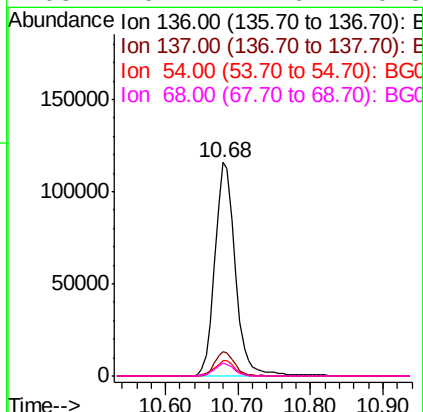
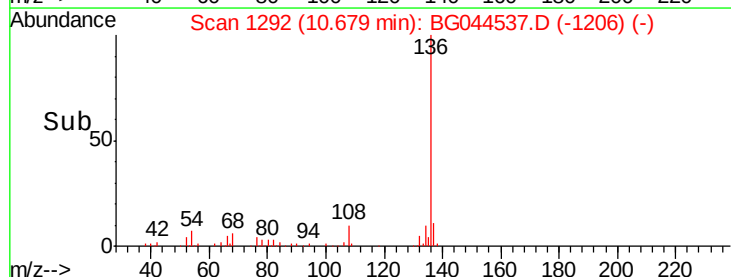
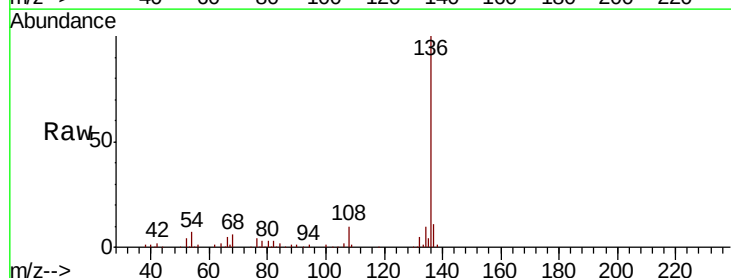
Instrument :
BNA_G
ClientSampleId :

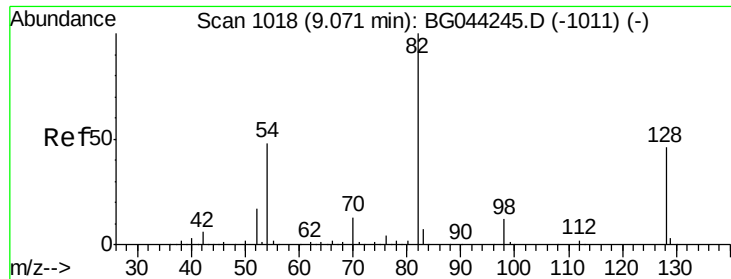
Tot Ion: 70 Resp: 37653
Ion Ratio Lower Upper
70 100
42 44.9 46.2 69.2#
101 0.0 8.4 12.6#
130 2.6 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044537.D
Acq: 21 Feb 2020 1:48

Tgt Ion: 136 Resp: 227008
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 7.1 5.8 8.8
68 5.7 4.6 6.8

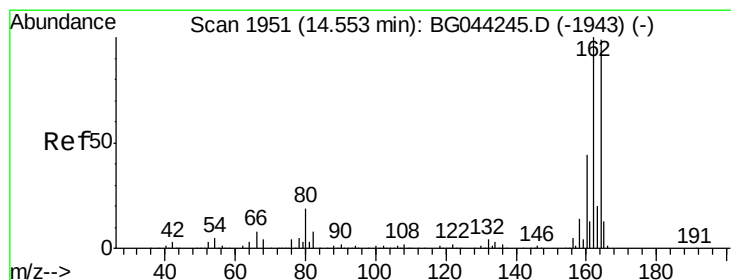
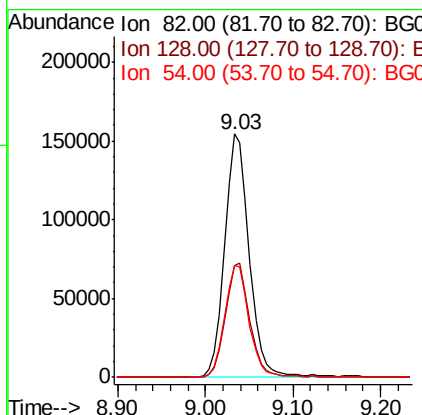
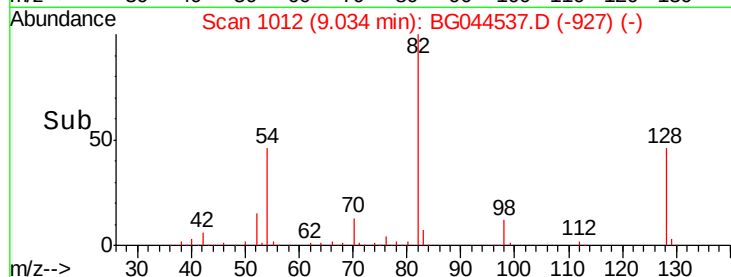
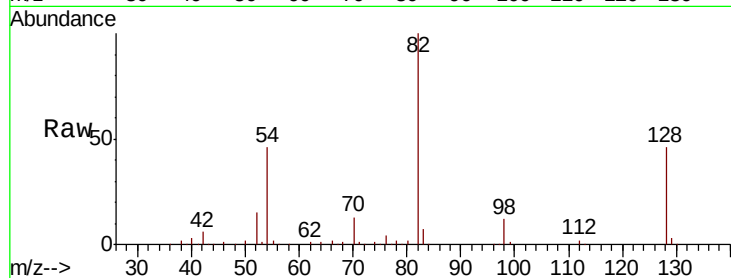




#23
 Nitrobenzene-d5
 Concen: 73.932 ng
 RT: 9.03 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BG044537.D
 Acq: 21 Feb 2020 1:48

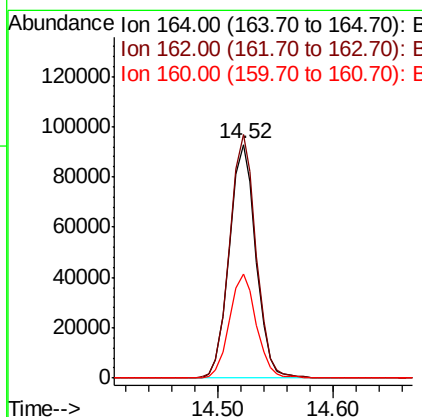
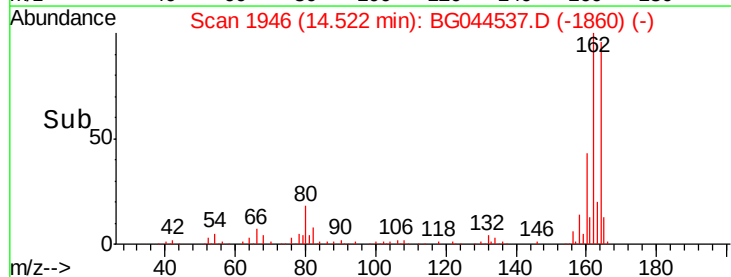
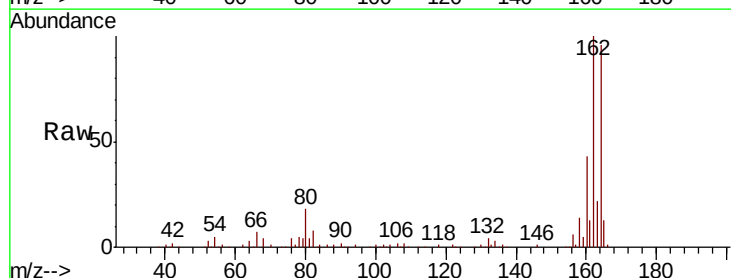
Instrument :
 BNA_G
 ClientSampleId :

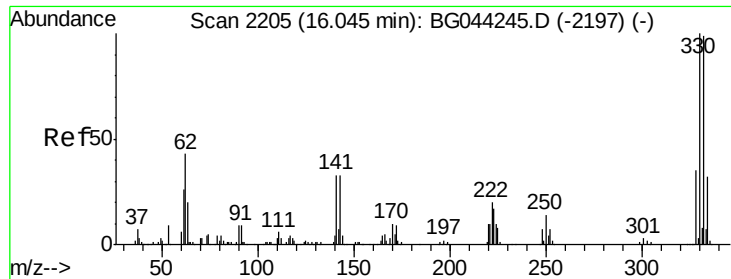
Tot Ion	82	Resp	297277
Ion Ratio	100	Lower	Upper
128	46.1	36.5	54.7
54	46.1	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BG044537.D
 Acq: 21 Feb 2020 1:48

Tgt Ion	164	Resp	148485
Ion Ratio	100	Lower	Upper
162	104.2	80.7	121.1
160	44.7	35.3	52.9

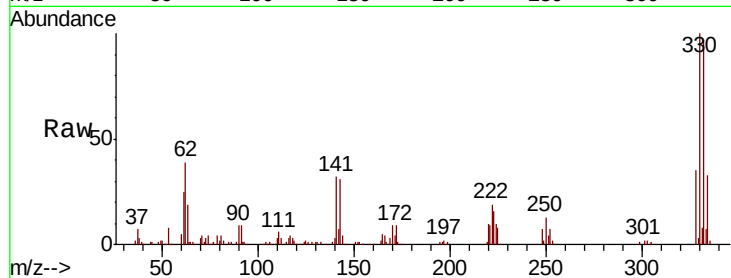




#42
 2,4,6-Tribromophenol
 Concen: 117.207 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG044537.D
 Acq: 21 Feb 2020 1:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.2	115.8
141	34.1	28.3	42.5

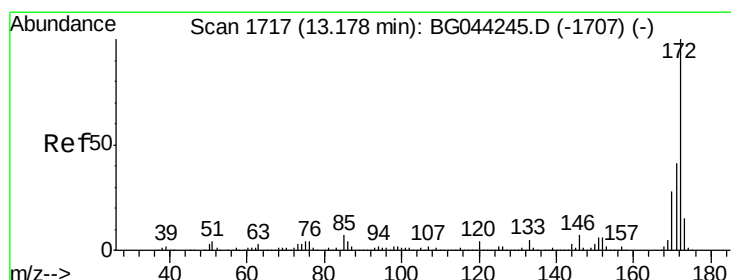
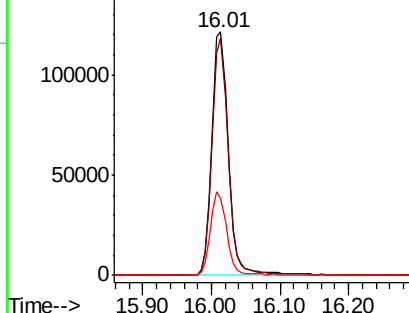
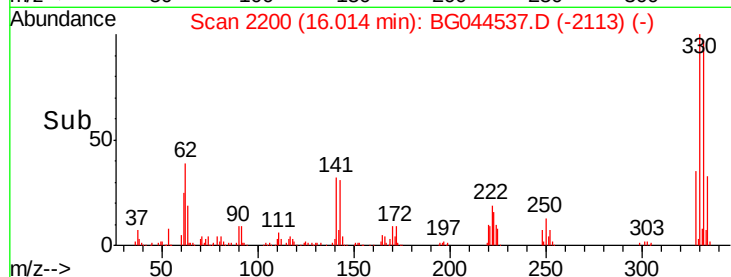


Abundance

Ion 329.80 (329.50 to 330.50): E

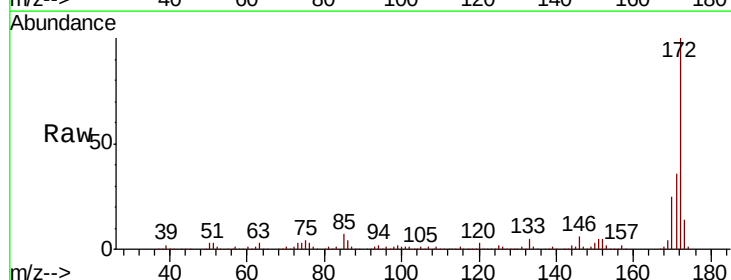
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.780 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG044537.D
 Acq: 21 Feb 2020 1:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.9	49.3
170	24.7	22.0	33.0

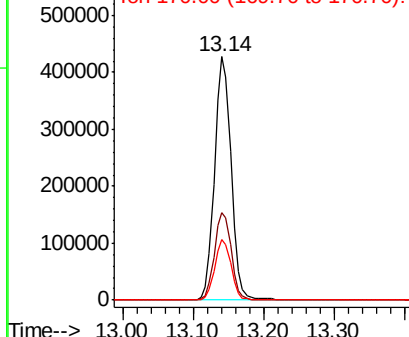
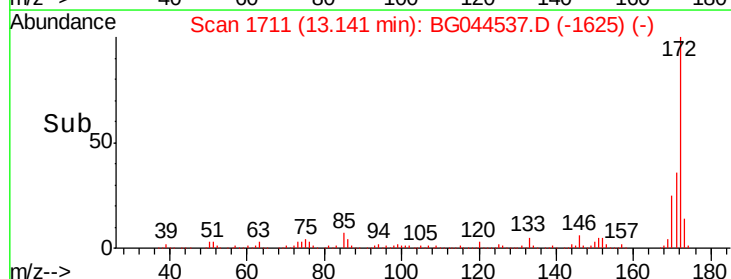


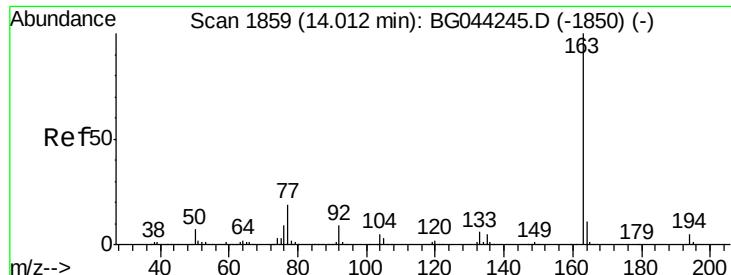
Abundance

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: 5.893 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BG044537.D

Acq: 21 Feb 2020 1:48

Instrument :

BNA_G

ClientSampleId :

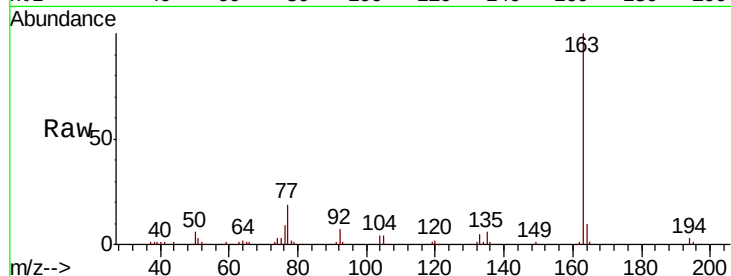
Tot Ion:163 Resp: 62896

Ion Ratio Lower Upper

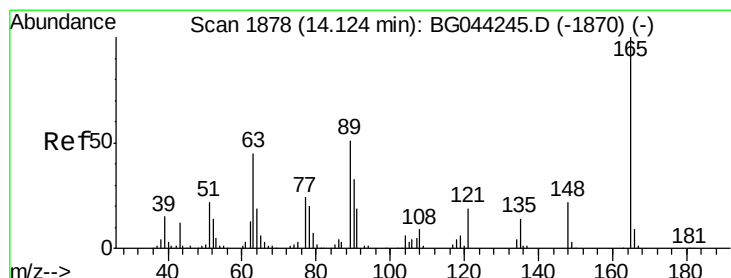
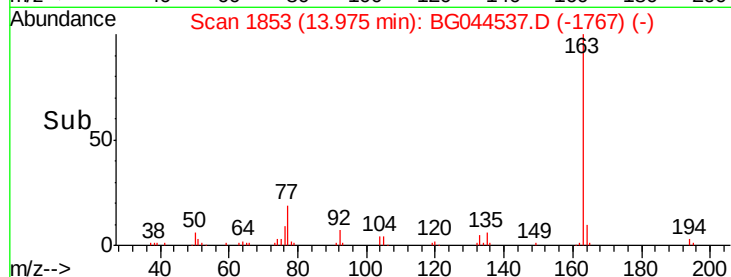
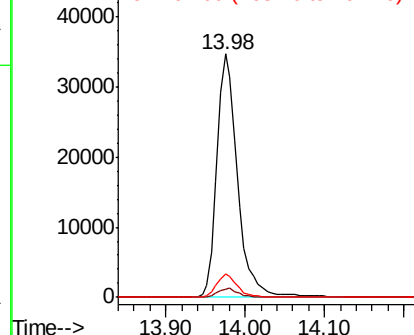
163 100

194 3.4 3.6 5.4#

164 9.8 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: 8.132 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.41 min

Lab File: BG044537.D

Acq: 21 Feb 2020 1:48

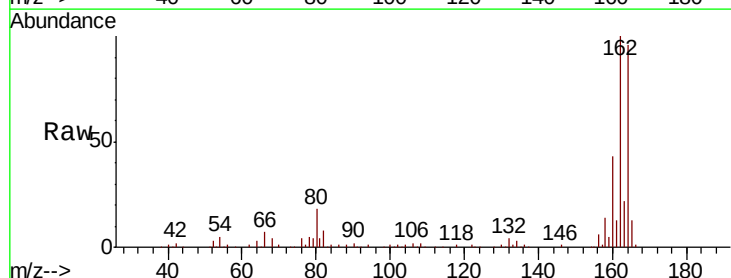
Tgt Ion:165 Resp: 19354

Ion Ratio Lower Upper

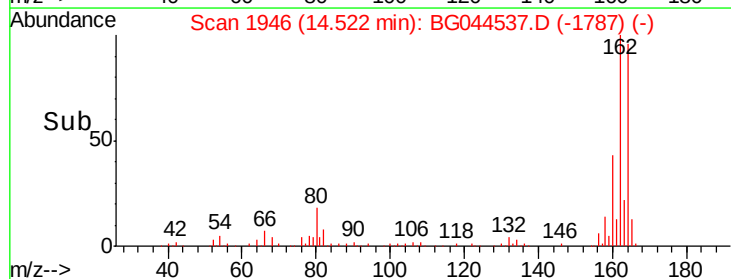
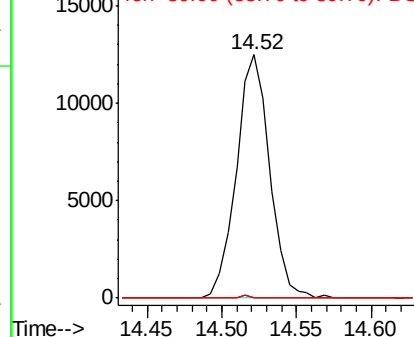
165 100

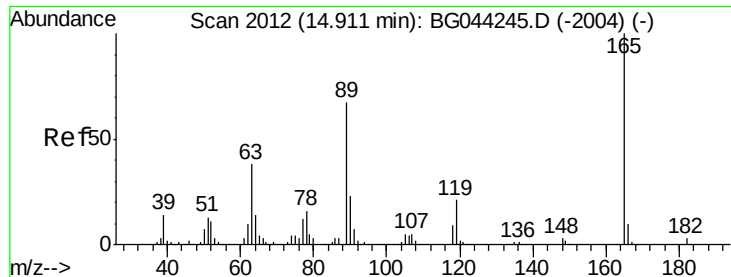
63 0.0 38.7 58.1#

89 0.0 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

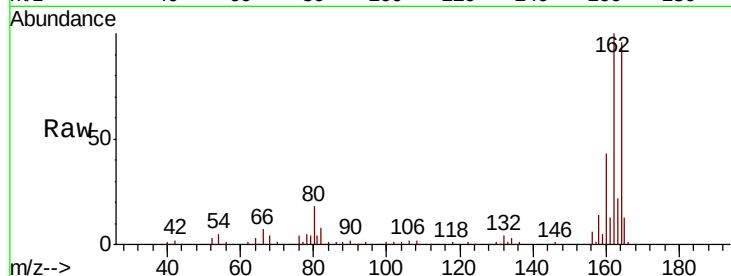




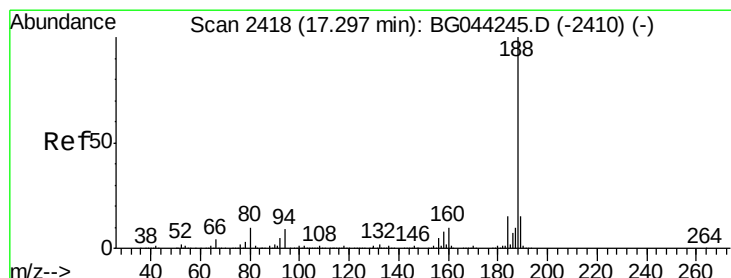
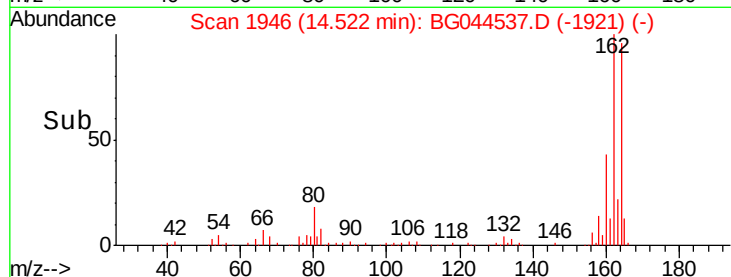
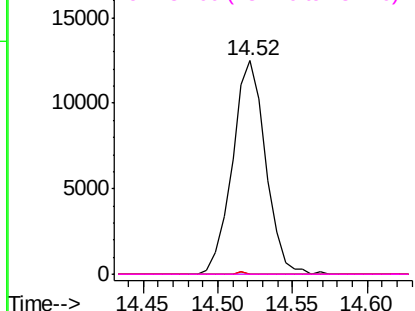
#57
 2,4-Dinitrotoluene
 Concen: 5.802 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG044537.D
 Acq: 21 Feb 2020 1:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	19354
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#

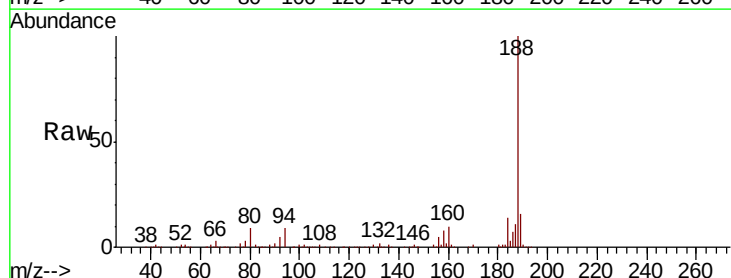


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

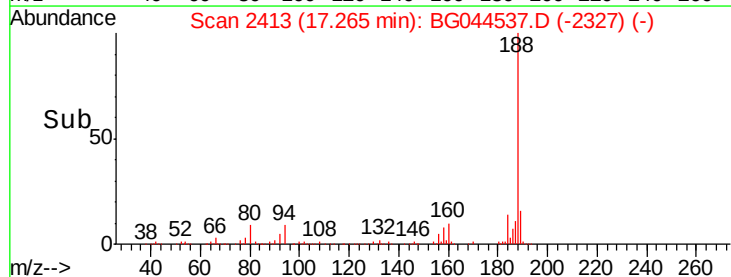
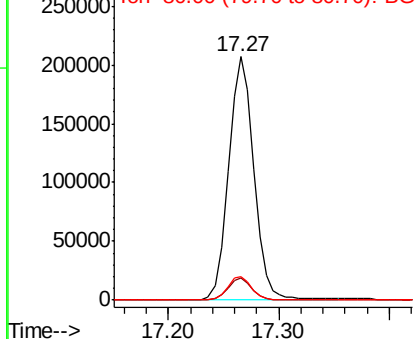


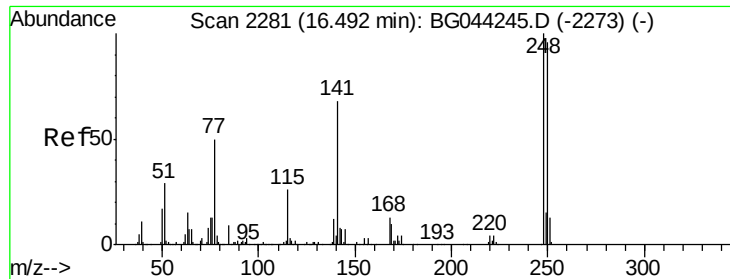
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG044537.D
 Acq: 21 Feb 2020 1:48

Tgt	Ion:188	Resp:	332166
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.5	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

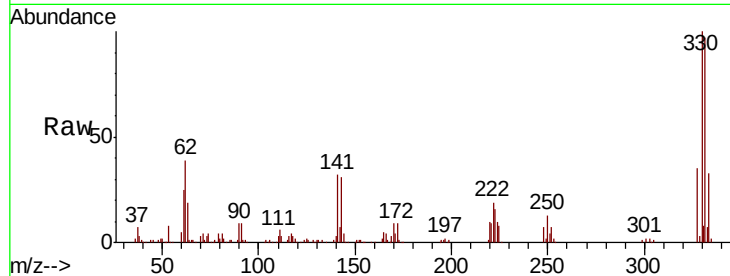




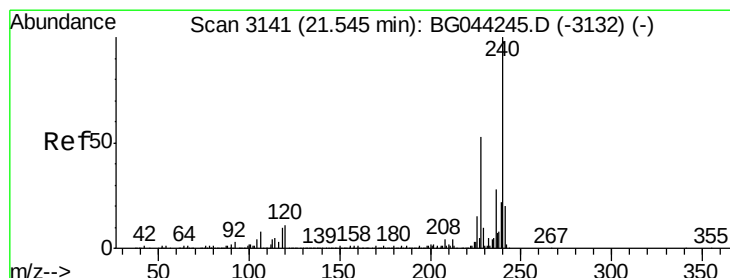
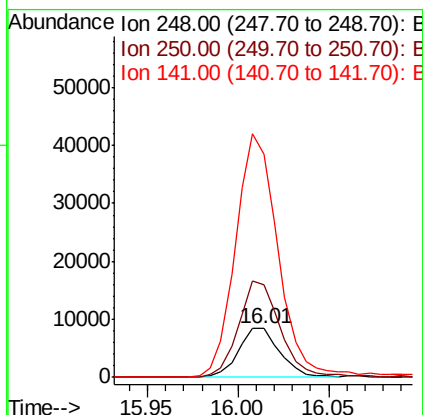
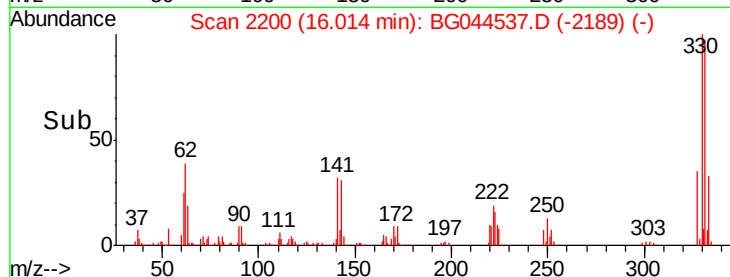
#67
 4-Bromophenyl-phenylether
 Concen: 3.703 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG044537.D
 Acq: 21 Feb 2020 1:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13401
 Ion Ratio Lower Upper
 248 100
 250 189.1 76.6 114.8#
 141 457.9 54.7 82.1#

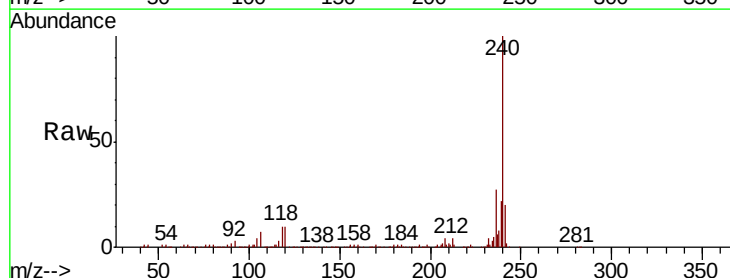


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

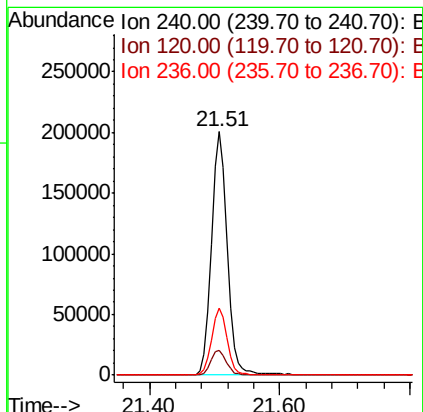
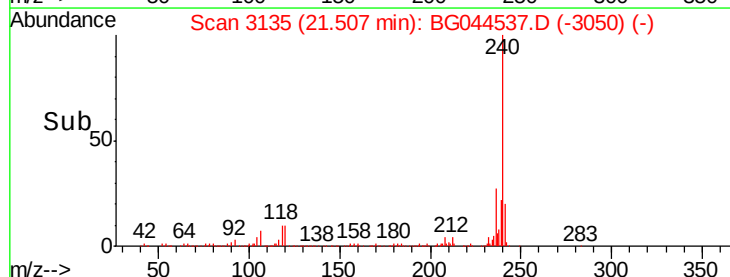


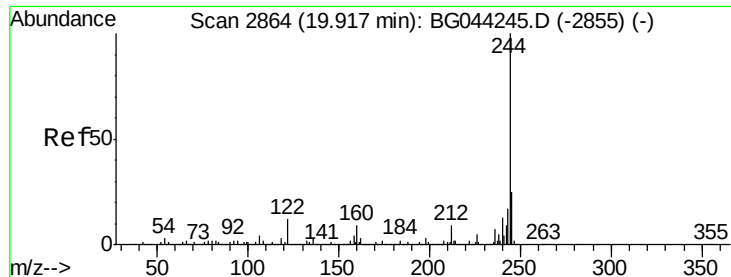
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.03 min
 Lab File: BG044537.D
 Acq: 21 Feb 2020 1:48

Tgt Ion:240 Resp: 337379
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 27.5 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





#79

Terphenyl-d14

Concen: 73.195 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044537.D

Acq: 21 Feb 2020 1:48

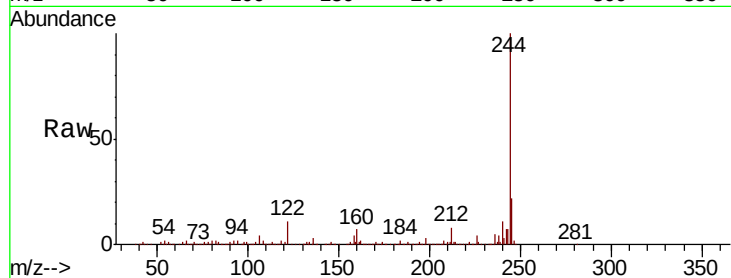
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1200579

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.2
122	10.7	9.8	14.6

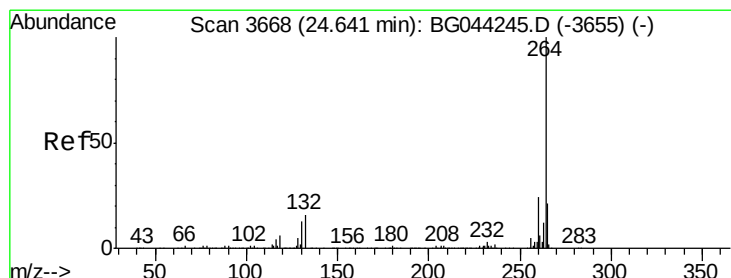
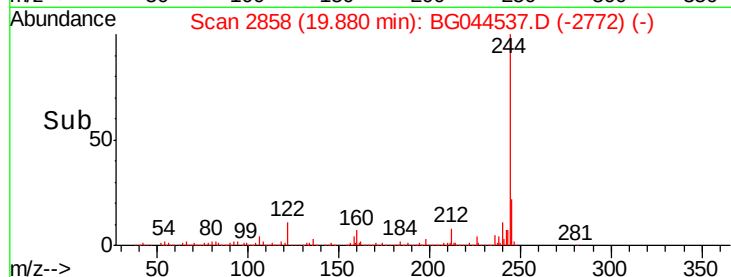
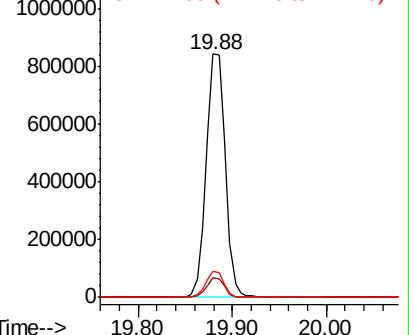


Abundance

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: 24.57 min Scan# 3657

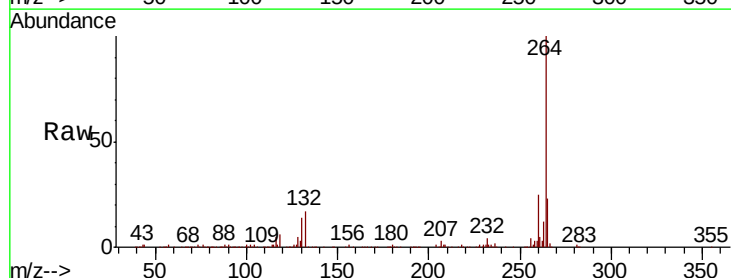
Delta R.T. -0.05 min

Lab File: BG044537.D

Acq: 21 Feb 2020 1:48

Tgt Ion:264 Resp: 382080

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.7	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

