

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044293.D
 Acq On : 4 Feb 2020 23:12
 Operator : CG/JU
 Sample : L1360-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 04:40:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

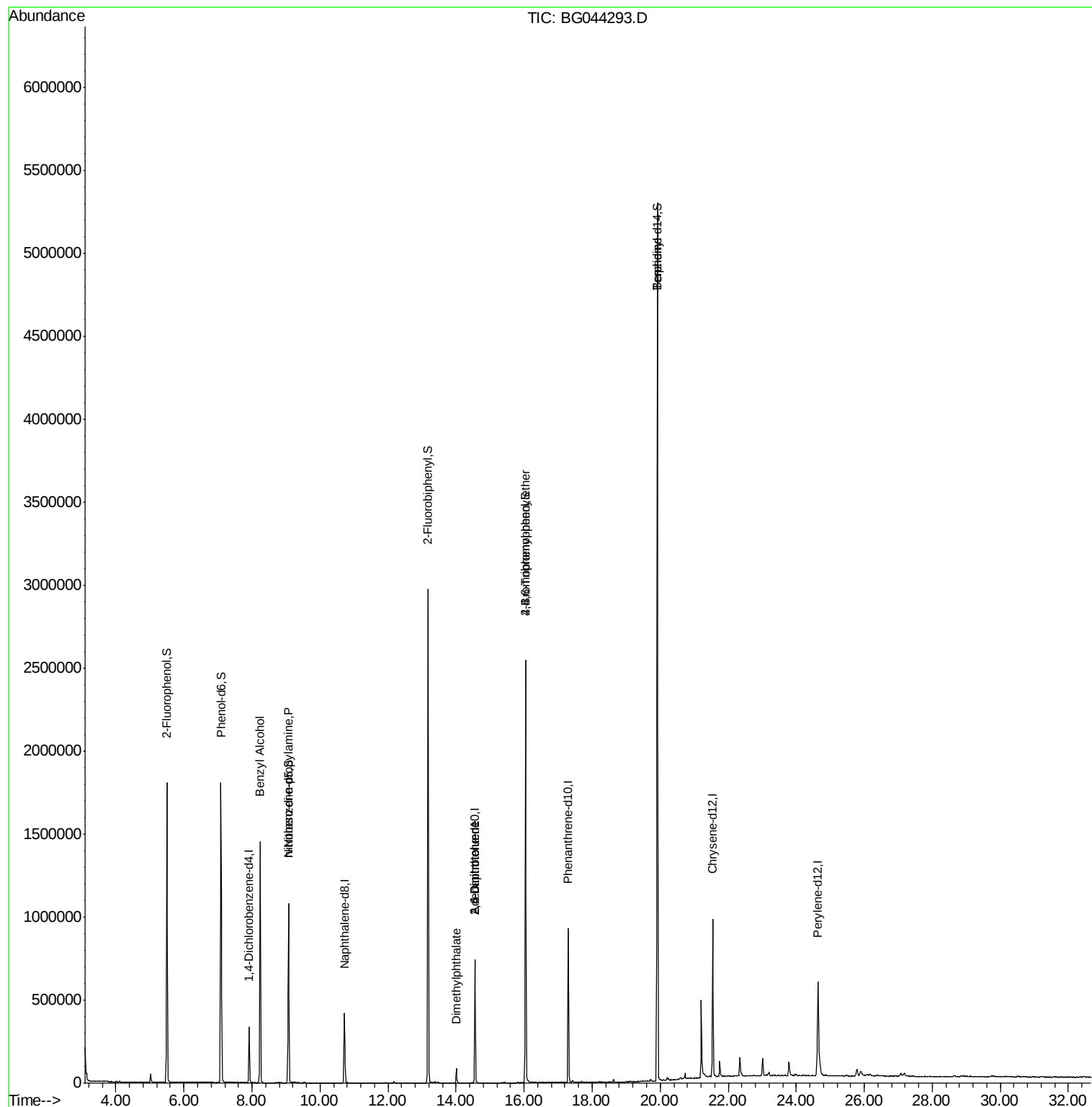
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	99649	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	402166	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	267033	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	601495	20.00	ng	0.00
76) Chrysene-d12	21.54	240	534274	20.00	ng	0.00
87) Perylene-d12	24.64	264	598223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	873655	154.73	ng	0.00
7) Phenol-d6	7.09	99	1144980	151.01	ng	0.00
23) Nitrobenzene-d5	9.07	82	706653	99.20	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	487571	155.53	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1564888	98.13	ng	0.00
79) Terphenyl-d14	19.91	244	2339878	90.08	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.24	79	11518	2.146	ng	# 48
19) n-Nitroso-di-n-propylamine	9.07	70	92673	18.340	ng	# 76
50) Dimethylphthalate	14.00	163	66704	3.475	ng	# 98
51) 2,6-Dinitrotoluene	14.55	165	35654	8.331	ng	# 30
57) 2,4-Dinitrotoluene	14.55	165	35654	5.944	ng	# 28
67) 4-Bromophenyl-phenylether	16.04	248	34284	5.232	ng	# 1
77) Benizidine	19.91	184	42593	2.874	ng	# 90

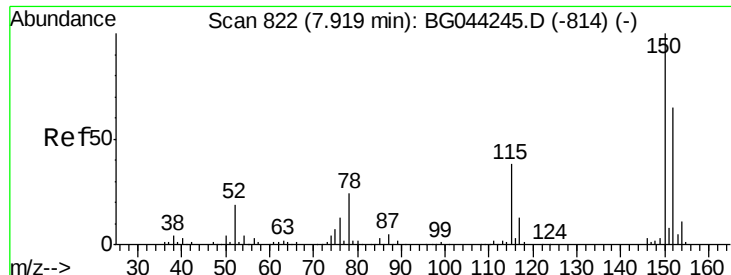
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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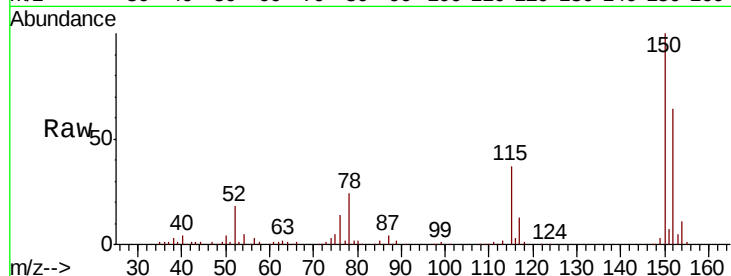


#1

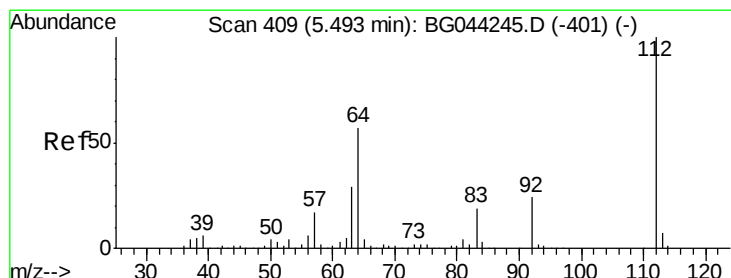
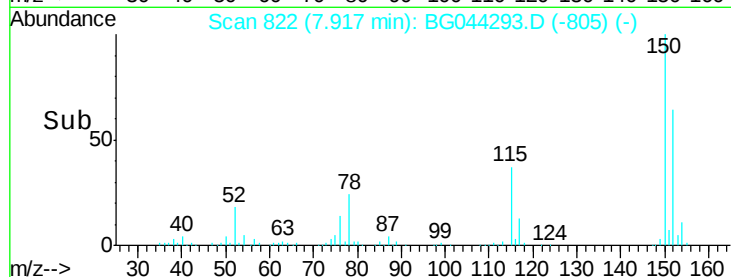
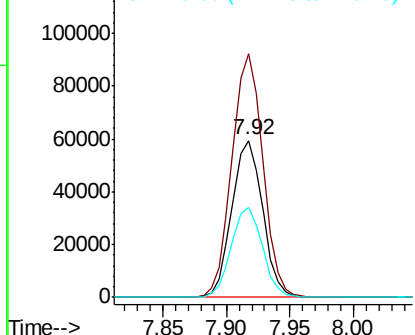
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 99649
Ion Ratio Lower Upper
152 100
150 155.4 122.6 183.8
115 57.6 46.0 69.0



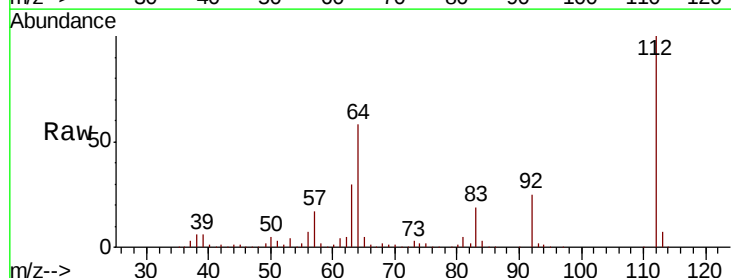
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



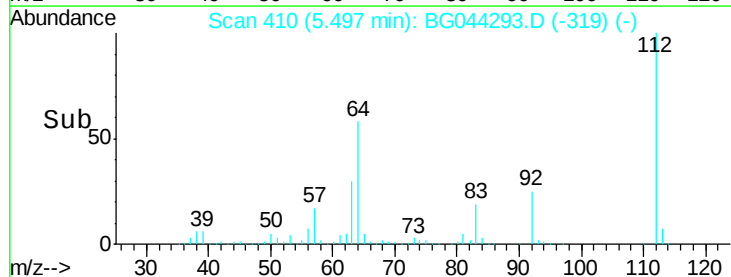
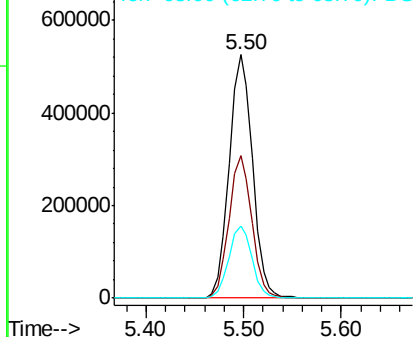
#5

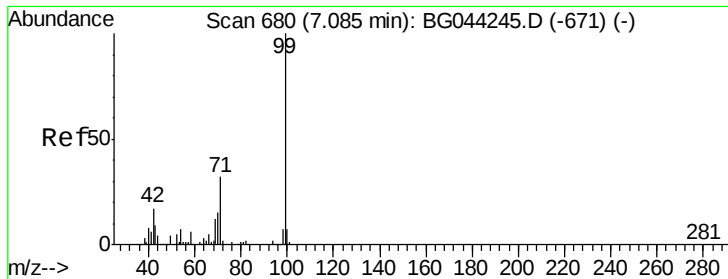
2-Fluorophenol
Concen: 154.729 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Tgt Ion:112 Resp: 873655
Ion Ratio Lower Upper
112 100
64 58.5 45.4 68.2
63 29.7 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 151.009 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044293.D

Acq: 4 Feb 2020 23:12

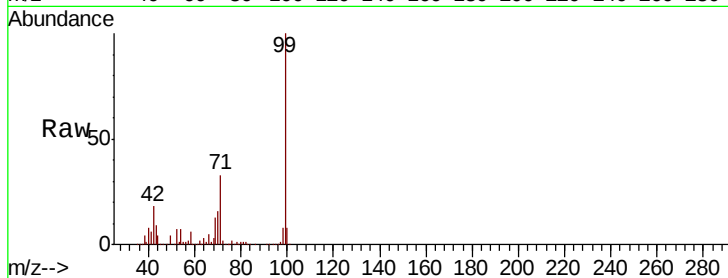
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 1144980

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.8	20.6
71	33.0	25.5	38.3

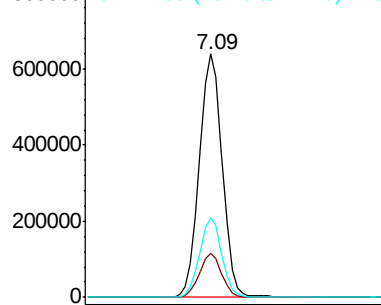


Abundance

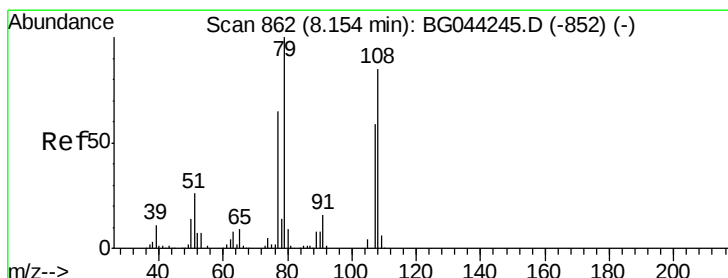
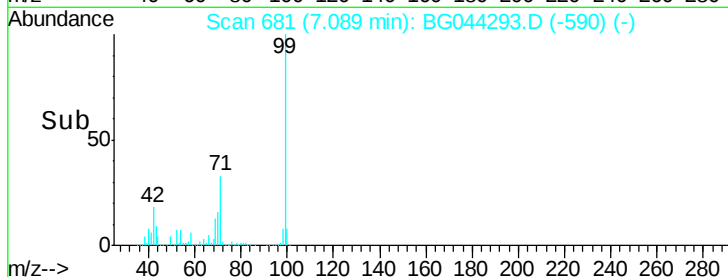
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#15

Benzyl Alcohol

Concen: 2.146 ng

RT: 8.24 min Scan# 877

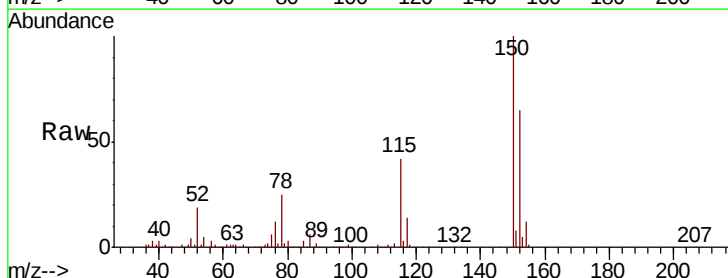
Delta R.T. 0.09 min

Lab File: BG044293.D

Acq: 4 Feb 2020 23:12

Tgt Ion: 79 Resp: 11518

Ion	Ratio	Lower	Upper
79	100		
108	42.9	68.3	102.5#
77	112.4	51.8	77.8#

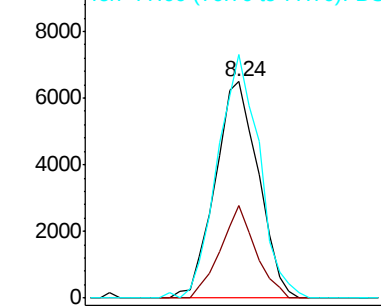


Abundance

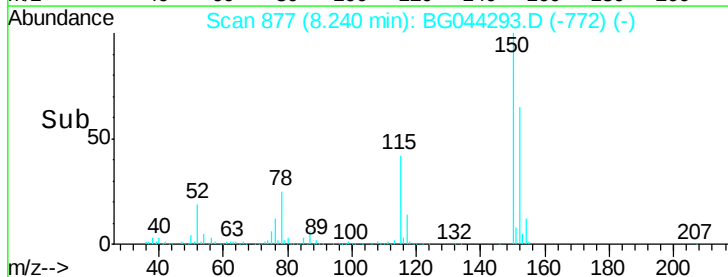
Ion 79.00 (78.70 to 79.70): BGC

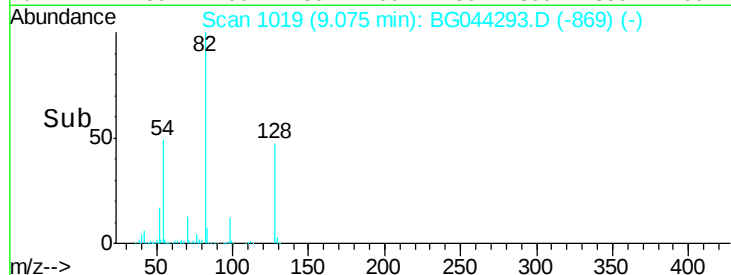
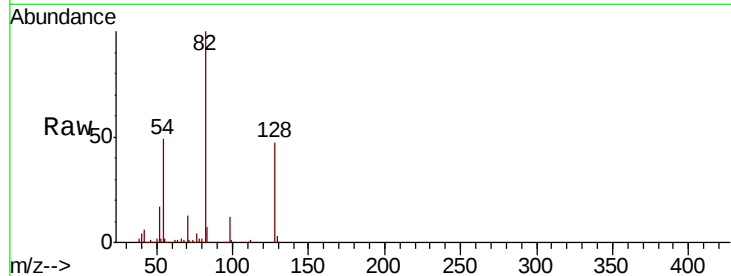
Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



Time-->

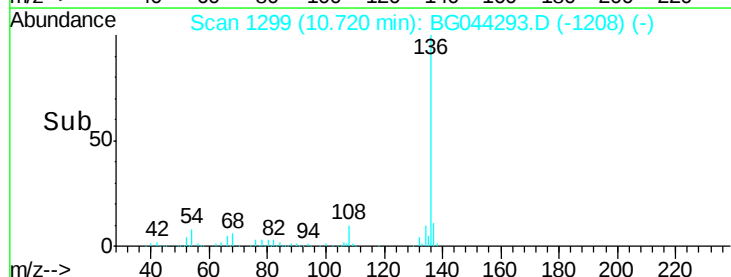
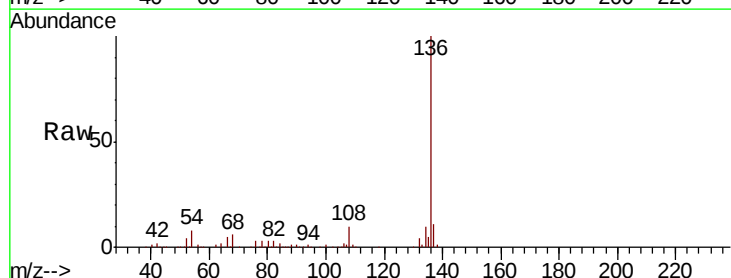
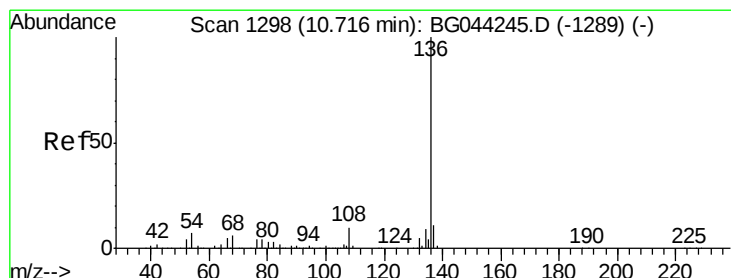
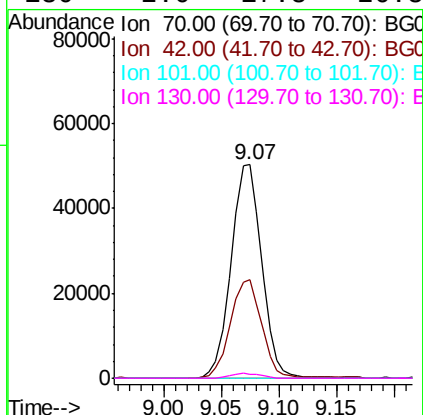




#19
n-Nitroso-di-n-propylamine
Concen: 18.340 ng
RT: 9.07 min Scan# 1019
Delta R.T. 0.35 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

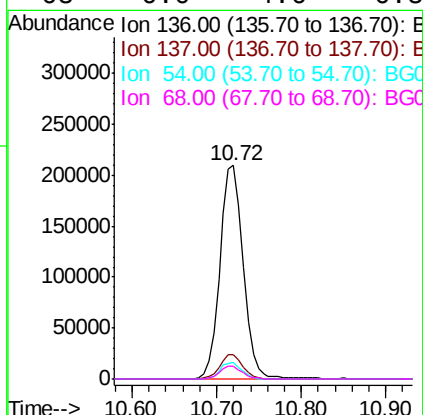
Instrument :
BNA_G
ClientSampleId :

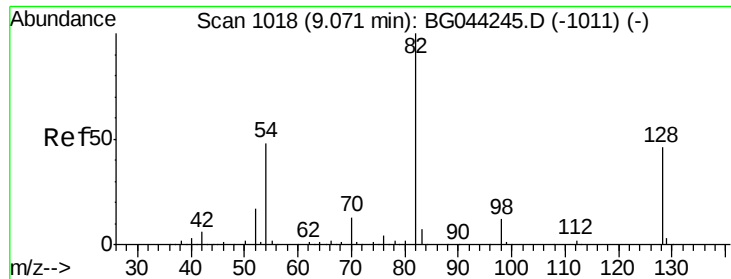
Tot Ion: 70 Resp: 92673
Ion Ratio Lower Upper
70 100
42 46.0 46.2 69.2#
101 0.0 8.4 12.6#
130 2.0 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Tgt Ion: 136 Resp: 402166
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.6 5.8 8.8
68 6.0 4.6 6.8

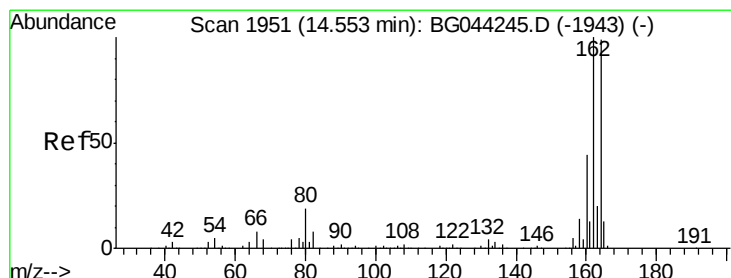
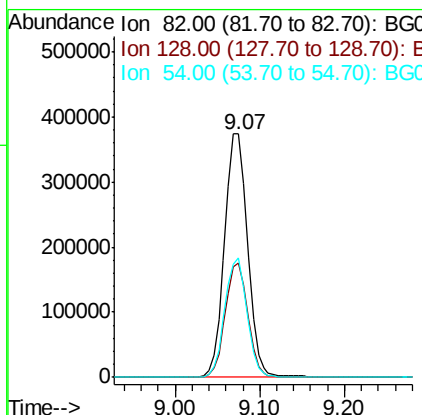
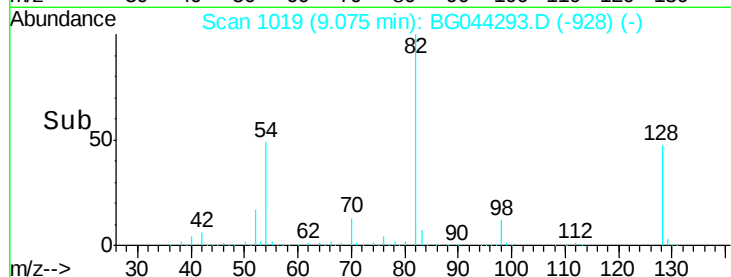
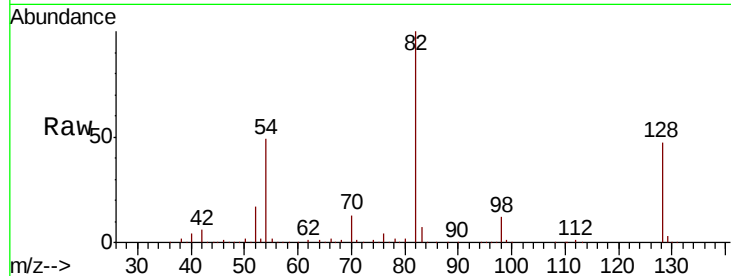




#23
 Nitrobenzene-d5
 Concen: 99.200 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044293.D
 Acq: 4 Feb 2020 23:12

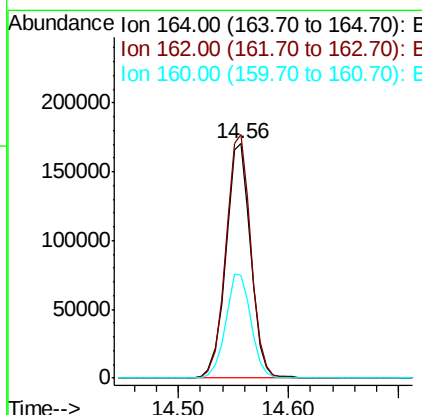
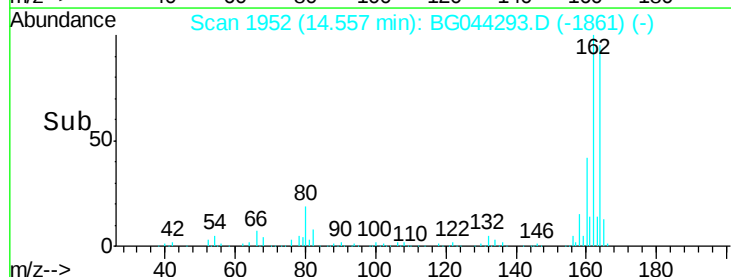
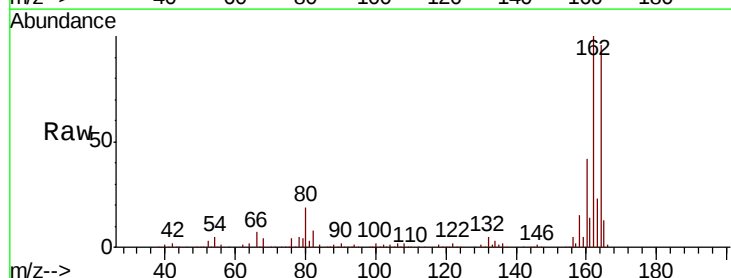
Instrument :
 BNA_G
 ClientSampled :

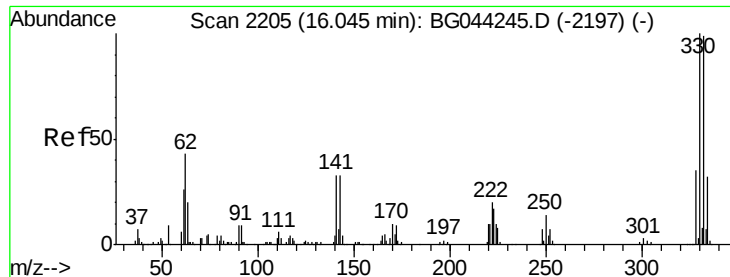
Tot Ion	82	Resp	706653
Ion Ratio	100	Lower	Upper
128	47.2	36.5	54.7
54	48.9	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: BG044293.D
 Acq: 4 Feb 2020 23:12

Tgt Ion	164	Resp	267033
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.0	80.7	121.1
160	44.1	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 155.534 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044293.D

Acq: 4 Feb 2020 23:12

Instrument :

BNA_G

ClientSampleId :

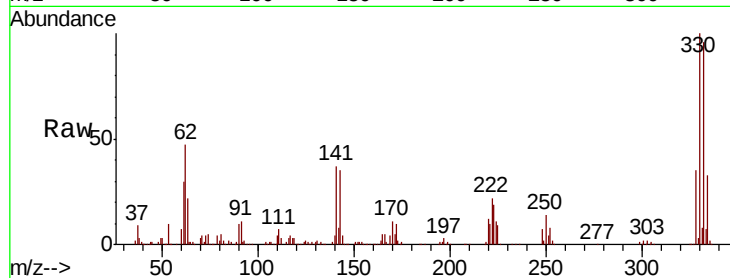
Tot Ion:330 Resp: 487571

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

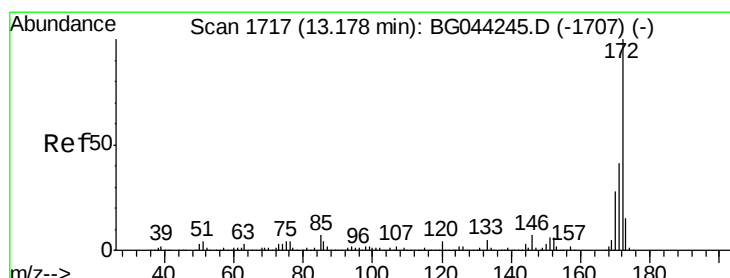
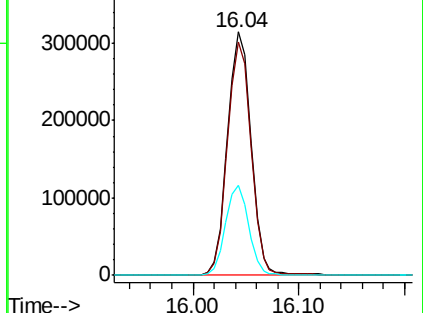
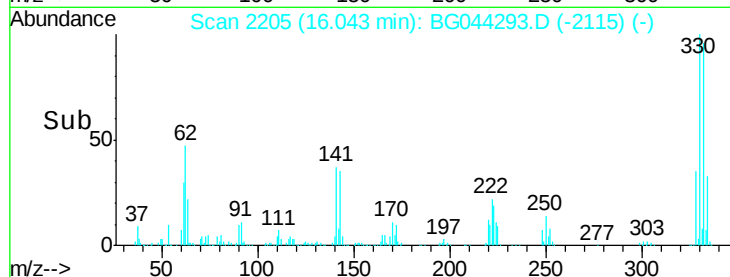
141 36.7 28.3 42.5



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: 98.134 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG044293.D

Acq: 4 Feb 2020 23:12

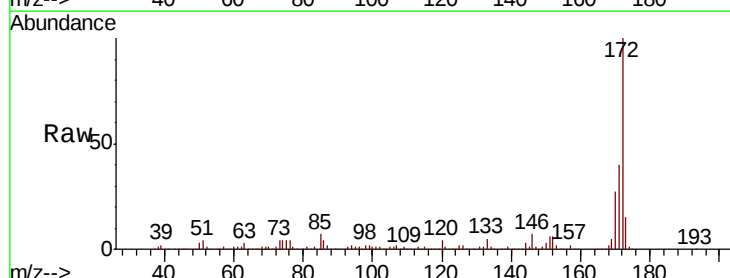
Tgt Ion:172 Resp: 1564888

Ion Ratio Lower Upper

172 100

171 40.4 32.9 49.3

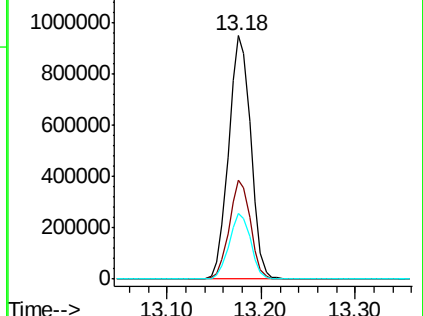
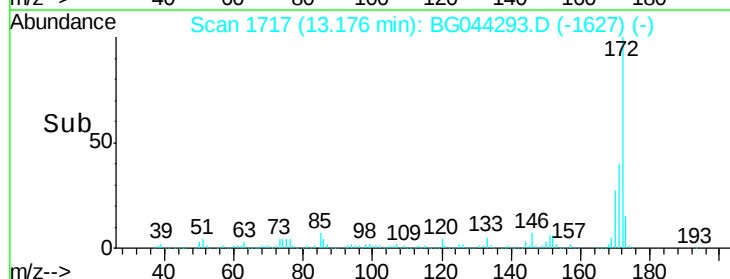
170 27.2 22.0 33.0

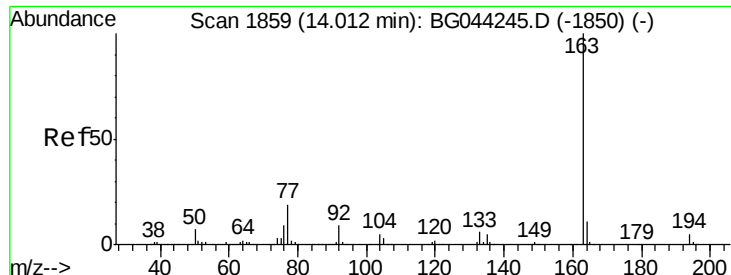


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.475 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044293.D

Acq: 4 Feb 2020 23:12

Instrument :

BNA_G

ClientSampled :

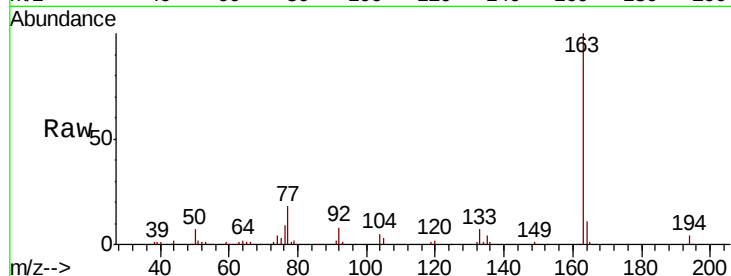
Tot Ion:163 Resp: 66704

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4#

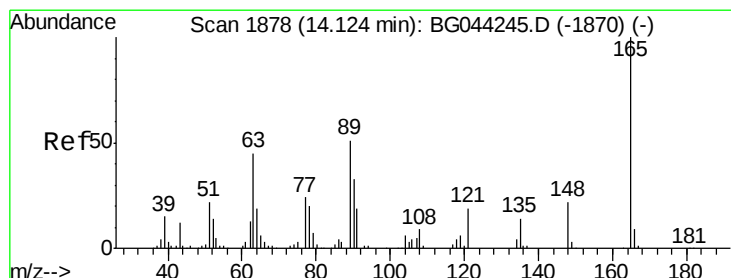
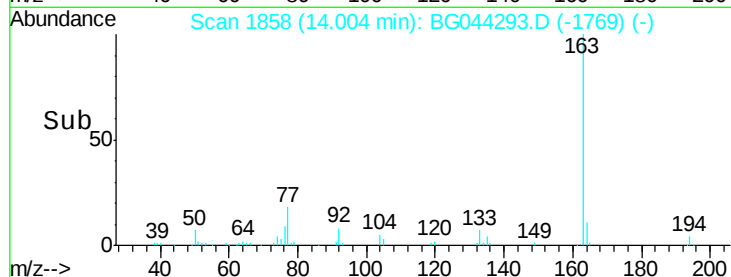
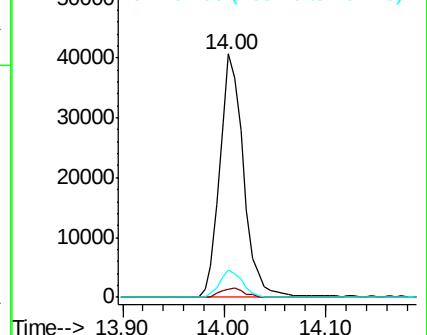
164 11.4 8.7 13.1



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: 8.331 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.43 min

Lab File: BG044293.D

Acq: 4 Feb 2020 23:12

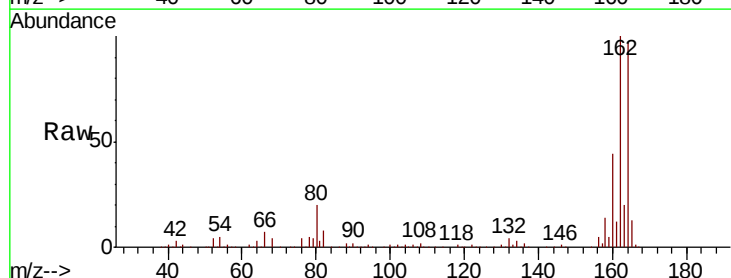
Tgt Ion:165 Resp: 35654

Ion Ratio Lower Upper

165 100

63 2.0 38.7 58.1#

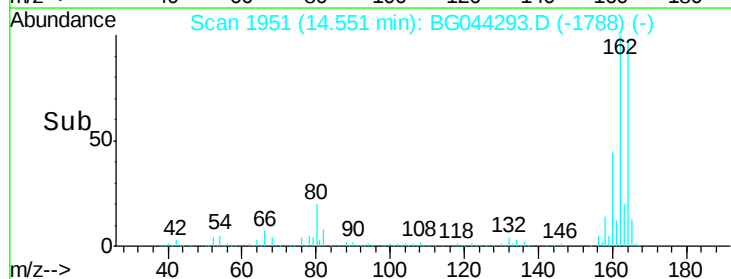
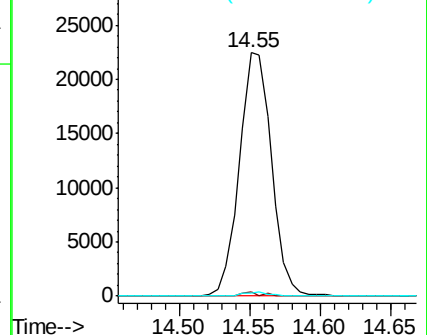
89 1.4 40.4 60.6#

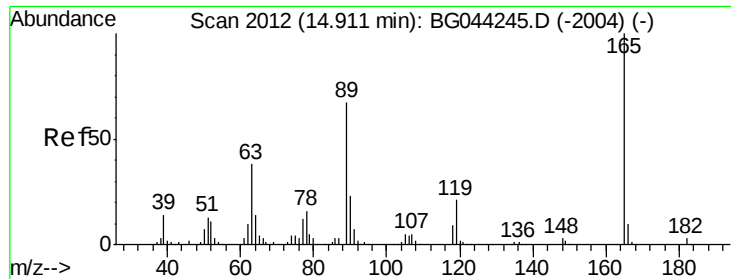


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

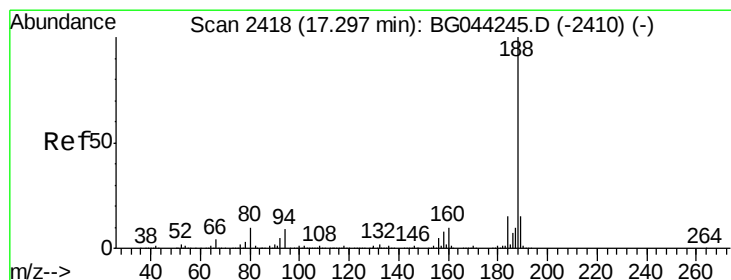
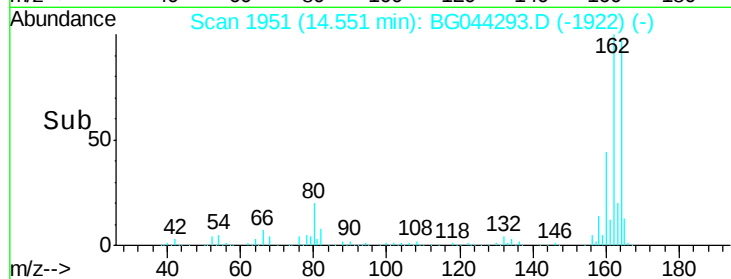
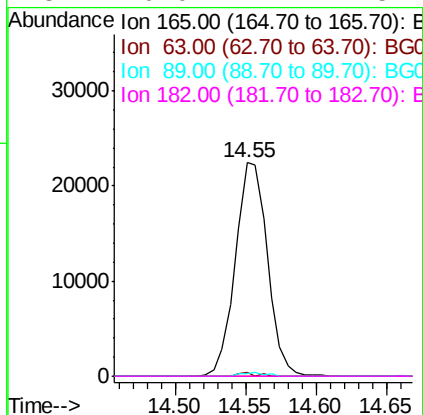
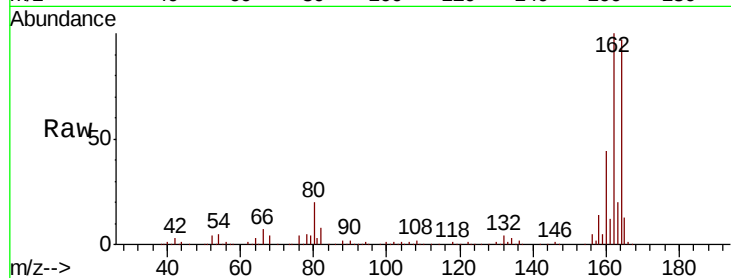




#57
 2,4-Dinitrotoluene
 Concen: 5.944 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG044293.D
 Acq: 4 Feb 2020 23:12

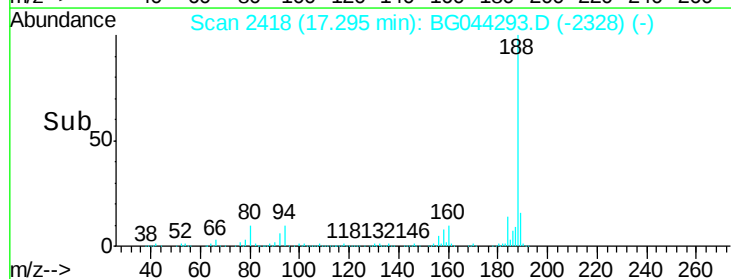
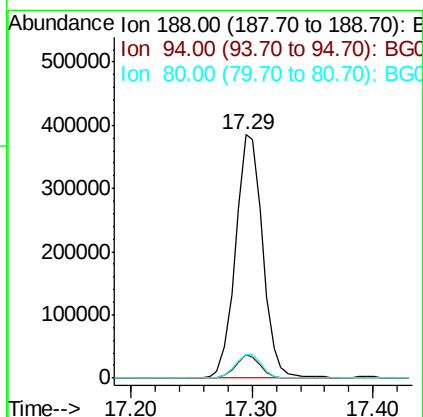
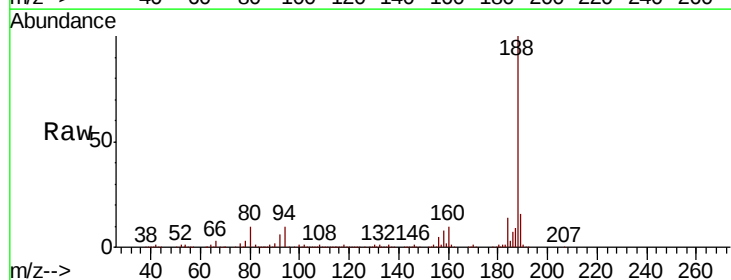
Instrument :
 BNA_G
 ClientSampleId :

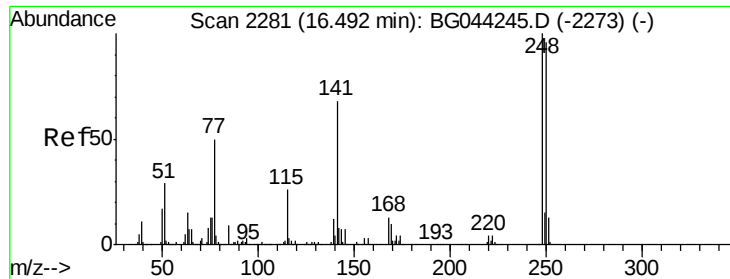
Tot Ion:165	Resp:	35654
Ion Ratio	Lower	Upper
165	100	
63	2.0	30.3 45.5#
89	1.4	53.4 80.2#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG044293.D
 Acq: 4 Feb 2020 23:12

Tgt Ion:188	Resp:	601495
Ion Ratio	Lower	Upper
188	100	
94	9.6	7.4 11.2
80	9.6	7.7 11.5

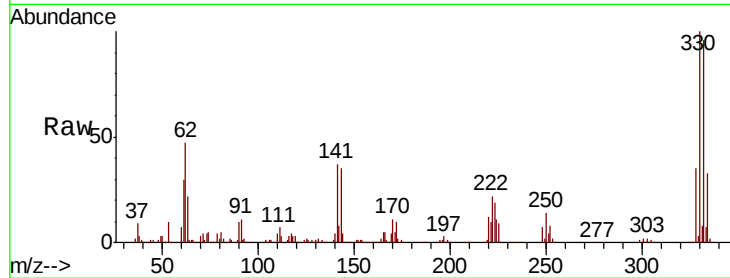




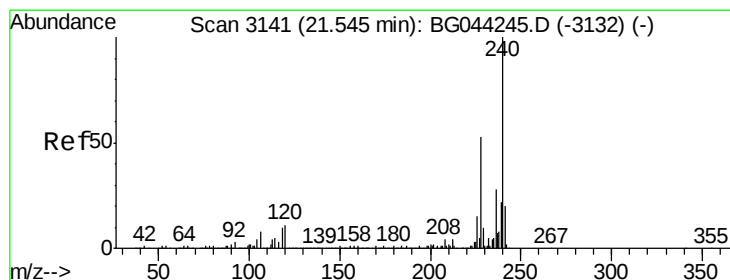
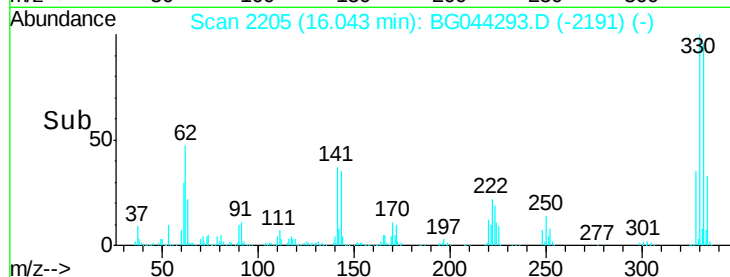
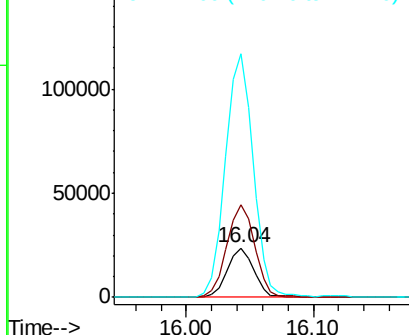
#67
4-Bromophenyl-phenylether
Concen: 5.232 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 34284
Ion Ratio Lower Upper
248 100
250 189.4 76.6 114.8#
141 495.5 54.7 82.1#

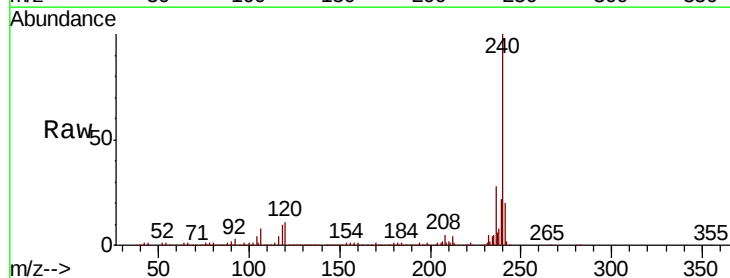


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

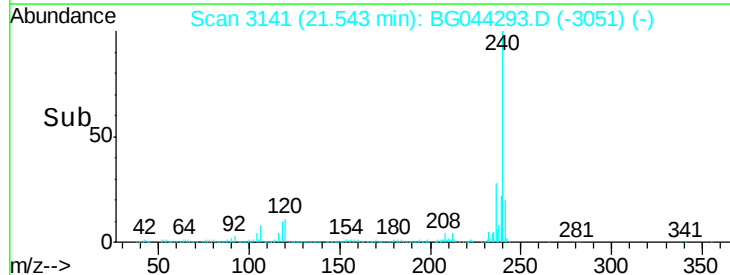
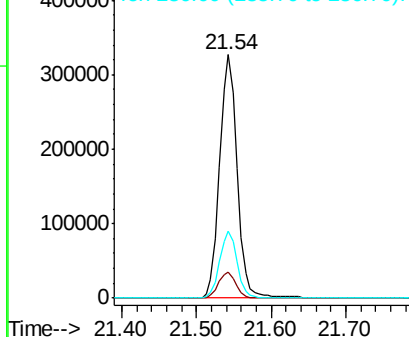


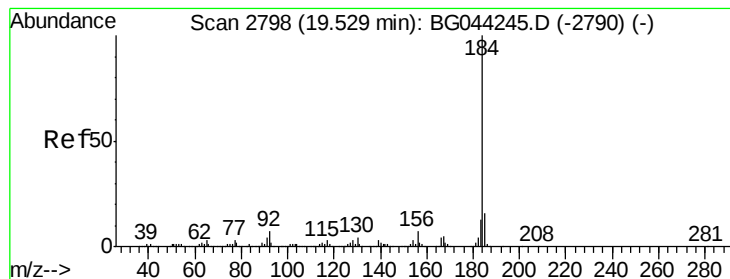
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Tgt Ion:240 Resp: 534274
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 27.6 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: 2.874 ng

RT: 19.91 min Scan# 2864

Delta R.T. 0.39 min

Lab File: BG044293.D

Acq: 4 Feb 2020 23:12

Instrument :

BNA_G

ClientSampleId :

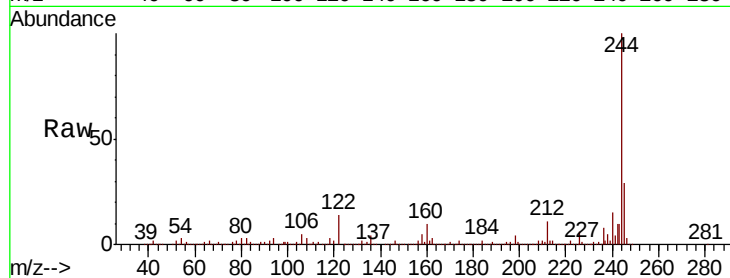
Tot Ion:184 Resp: 42593

Ion Ratio Lower Upper

184 100

185 18.7 12.9 19.3

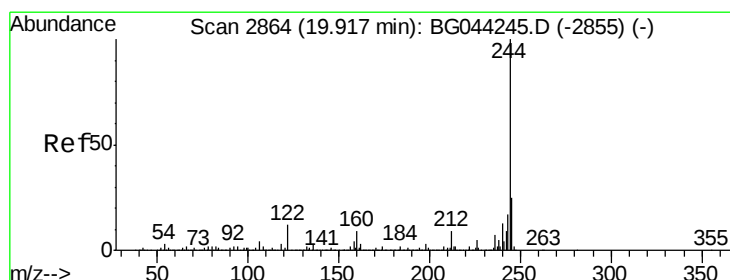
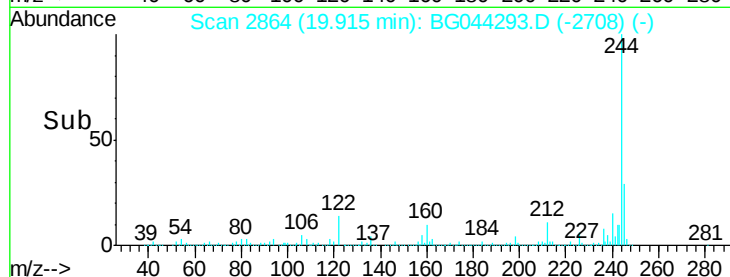
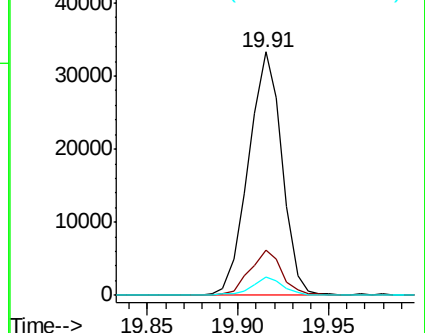
183 7.3 10.8 16.2#



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: 90.082 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044293.D

Acq: 4 Feb 2020 23:12

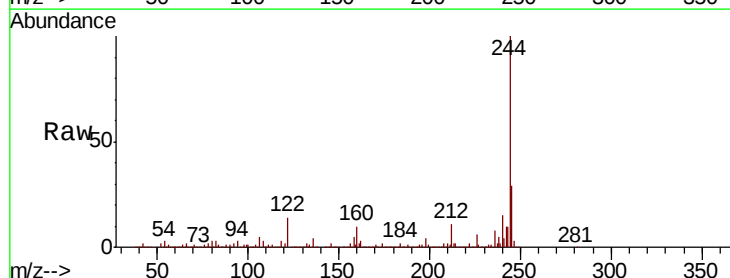
Tgt Ion:244 Resp: 2339878

Ion Ratio Lower Upper

244 100

212 10.7 7.4 11.2

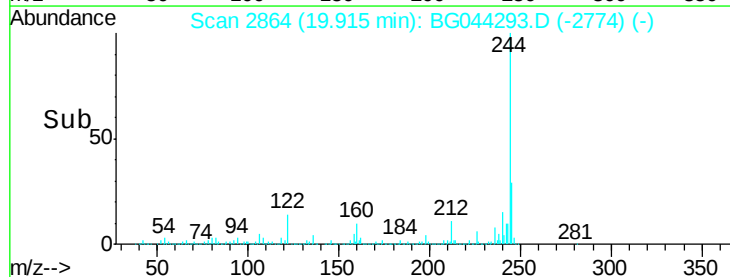
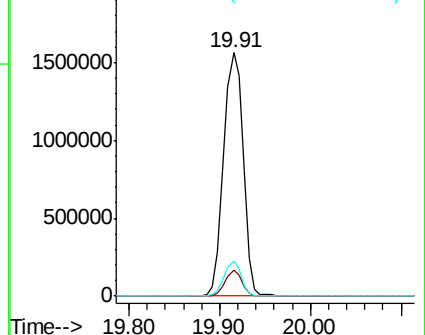
122 14.2 9.8 14.6

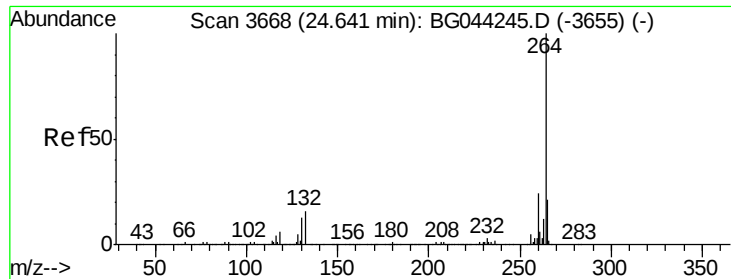


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.6	16.7	25.1

