

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044495.D
 Acq On : 19 Feb 2020 18:46
 Operator : CG/JU
 Sample : L1558-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:15:41 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

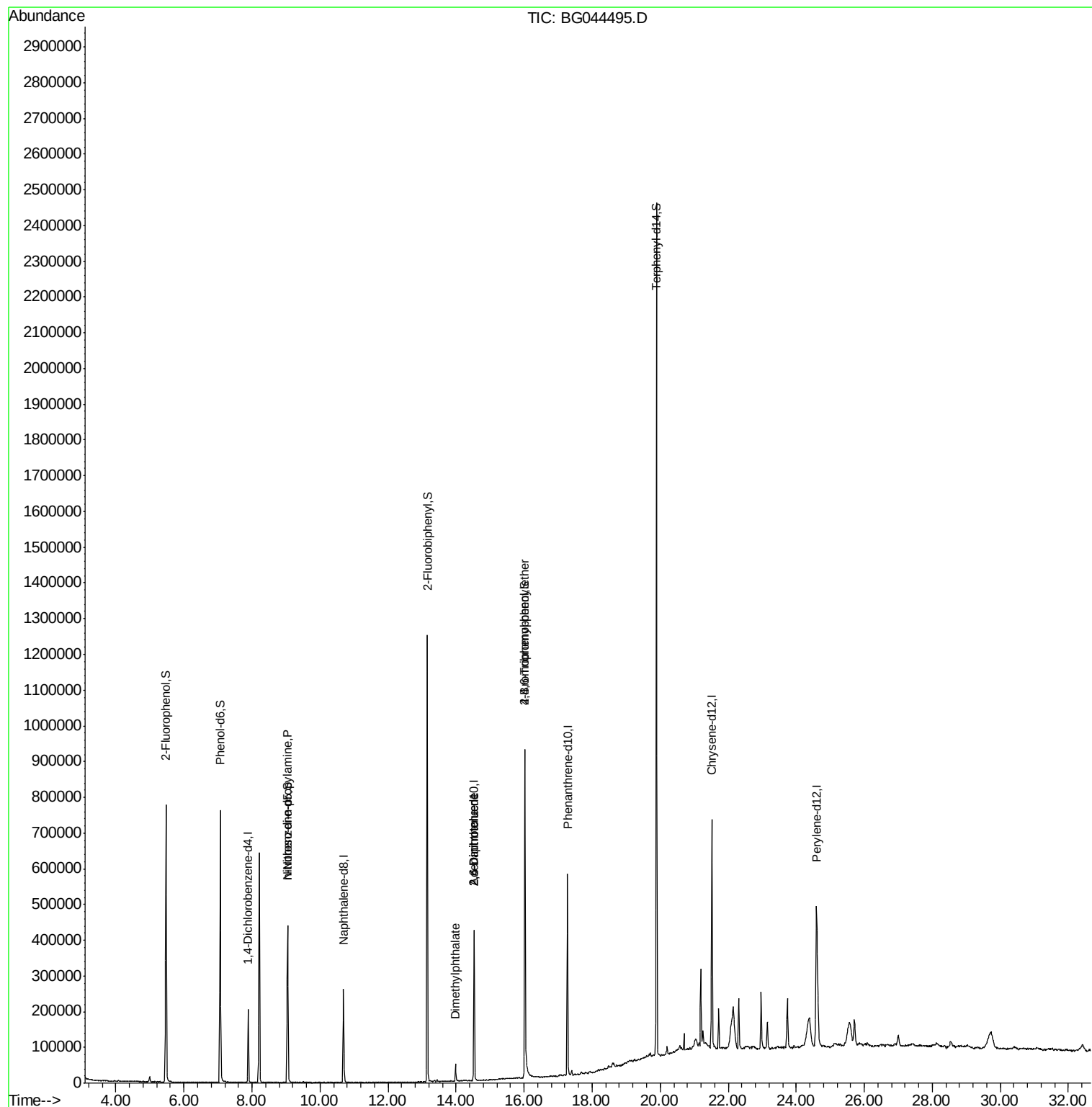
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	61026	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	242430	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	156996	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	377050	20.00	ng	-0.02
76) Chrysene-d12	21.52	240	380093	20.00	ng	-0.02
87) Perylene-d12	24.60	264	401325	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	397146	114.85	ng	-0.01
7) Phenol-d6	7.07	99	501927	108.09	ng	-0.01
23) Nitrobenzene-d5	9.05	82	292058	68.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.03	330	227527	123.45	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	680260	72.56	ng	-0.01
79) Terphenyl-d14	19.89	244	1175846	63.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.05	70	37387	12.081	ng	# 73
50) Dimethylphthalate	13.98	163	36674	3.250	ng	99
51) 2,6-Dinitrotoluene	14.53	165	20371	8.096	ng	# 29
57) 2,4-Dinitrotoluene	14.53	165	20371	5.776	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	15235	3.709	ng	# 1

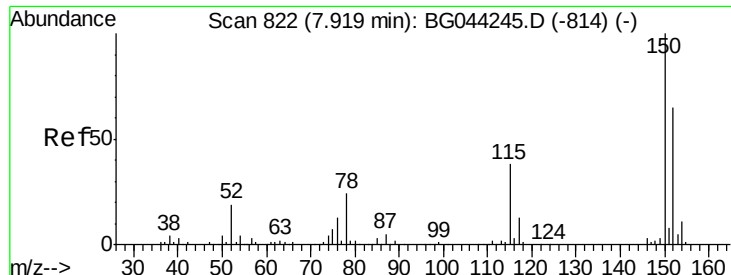
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



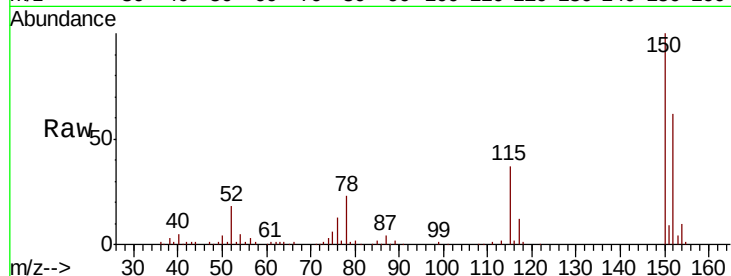


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044495.D
Acq: 19 Feb 2020 18:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	122.6	183.8
115	59.4	46.0	69.0

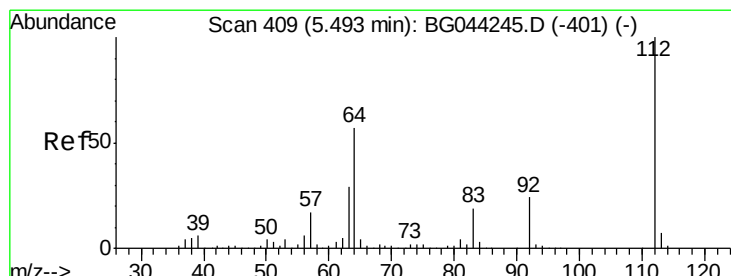
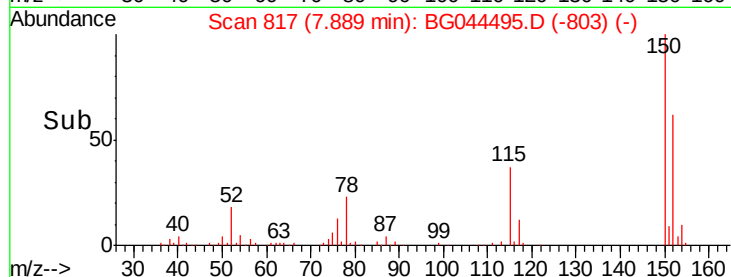
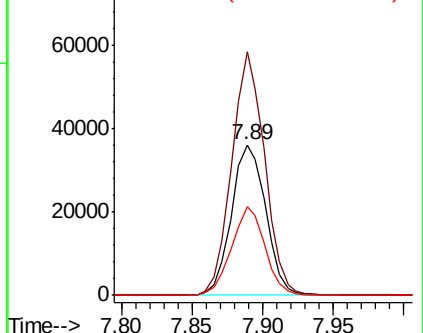


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

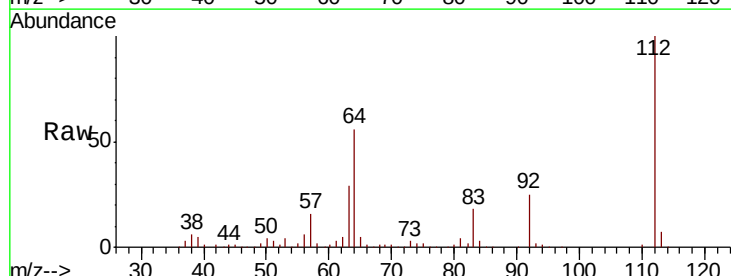
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.853 ng
RT: 5.47 min Scan# 405
Delta R.T. -0.01 min
Lab File: BG044495.D
Acq: 19 Feb 2020 18:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.2
63	29.1	22.9	34.3

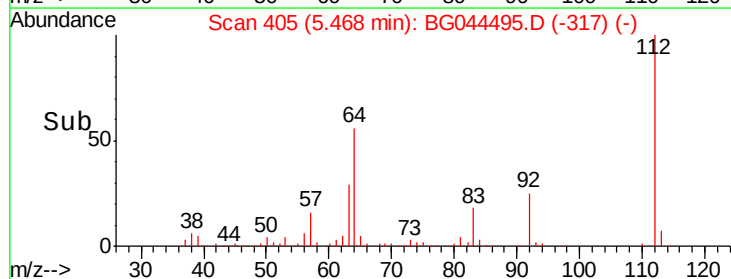
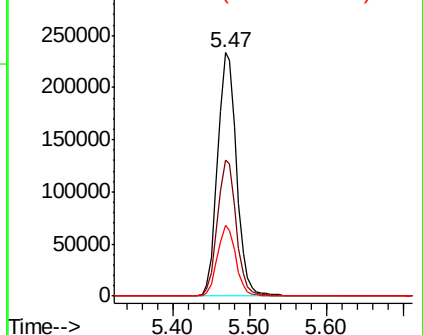


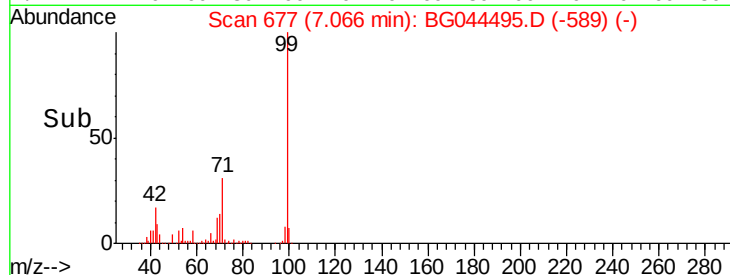
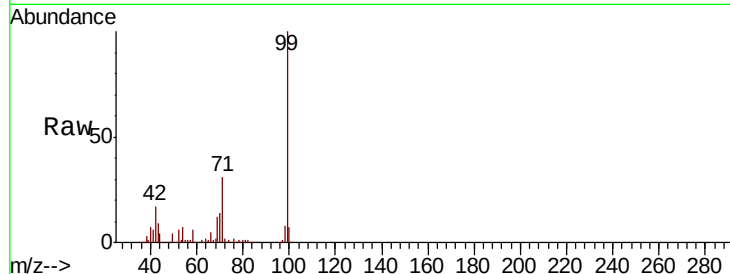
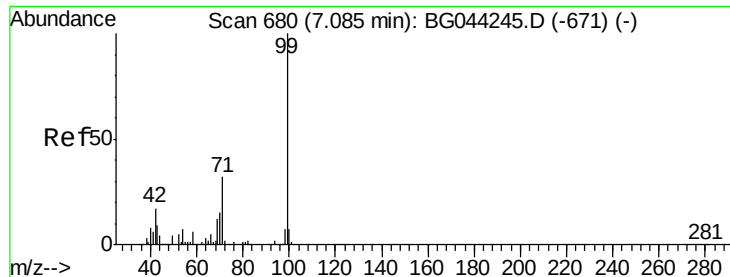
Abundance

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: 108.095 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044495.D

Acq: 19 Feb 2020 18:46

Instrument :

BNA_G

ClientSampleId :

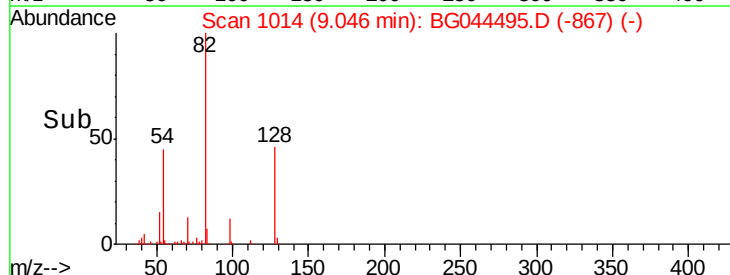
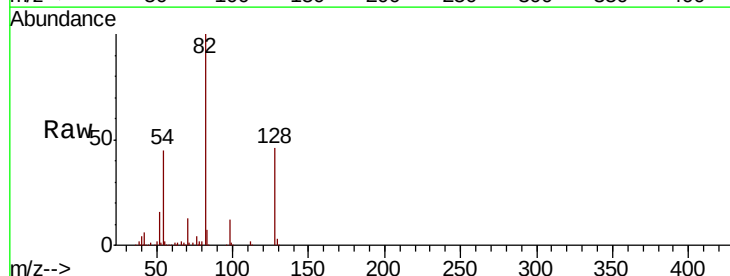
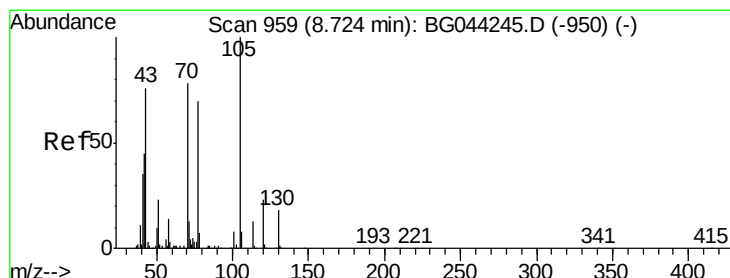
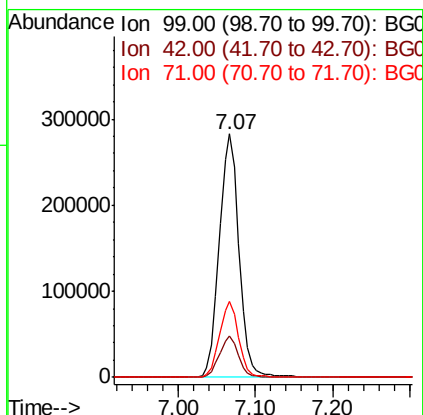
Tot Ion: 99 Resp: 501927

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.6

71 30.9 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.081 ng

RT: 9.05 min Scan# 1014

Delta R.T. 0.34 min

Lab File: BG044495.D

Acq: 19 Feb 2020 18:46

Tgt Ion: 70 Resp: 37387

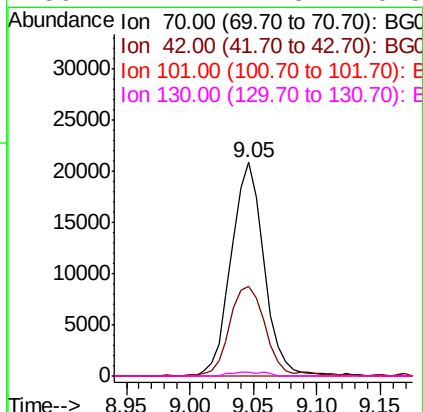
Ion Ratio Lower Upper

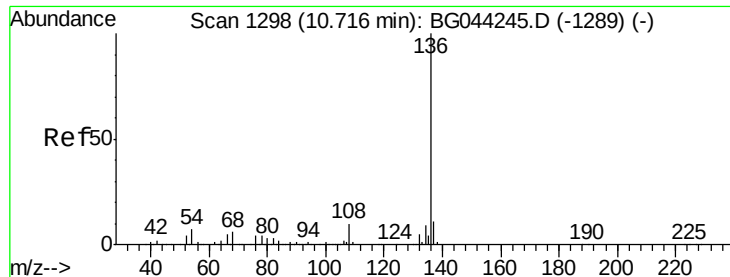
70 100

42 41.8 46.2 69.2#

101 0.0 8.4 12.6#

130 2.1 17.8 26.8#

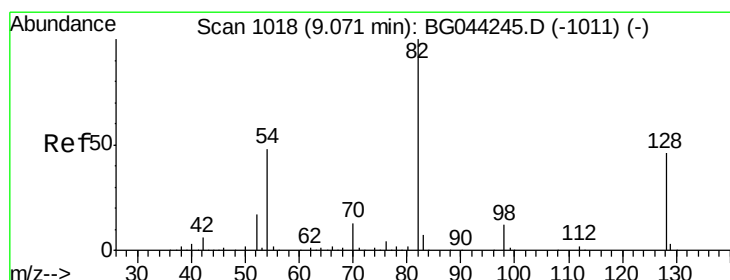
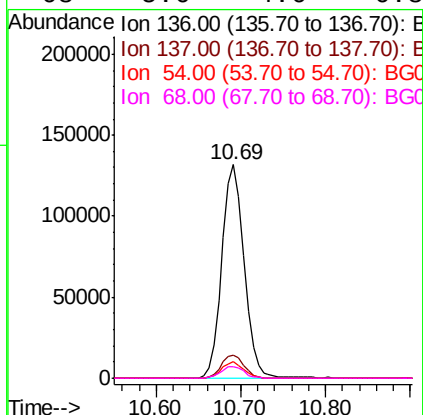
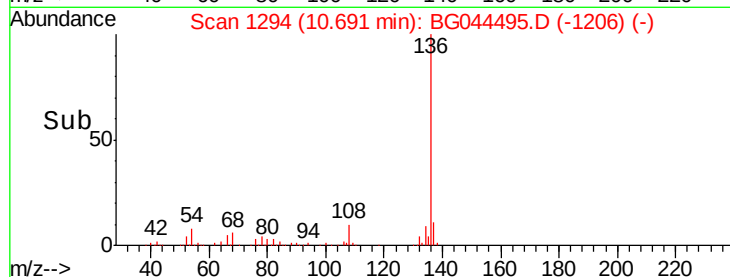
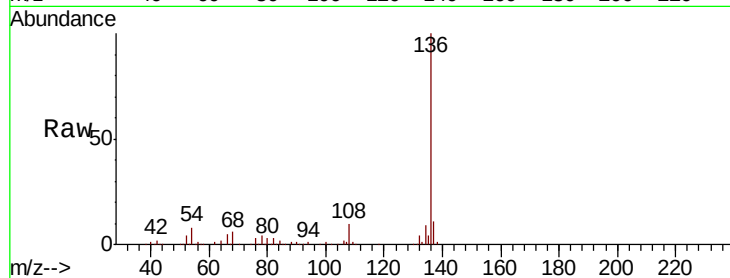




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044495.D
Acq: 19 Feb 2020 18:46

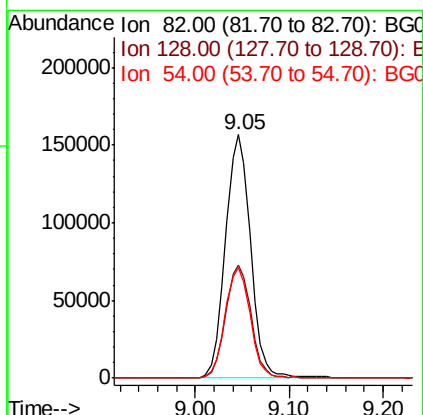
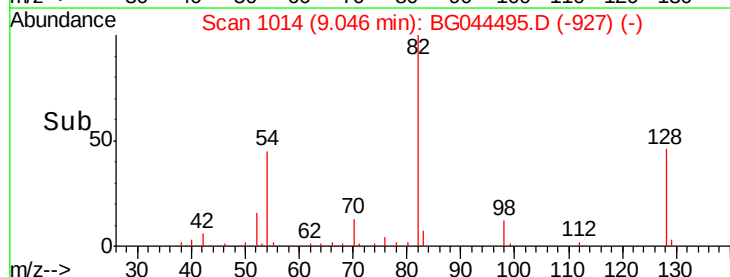
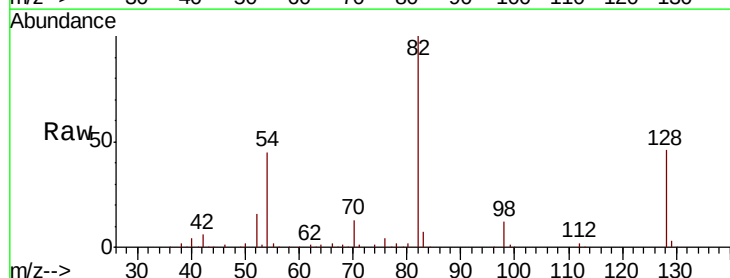
Instrument :
BNA_G
ClientSampleId :

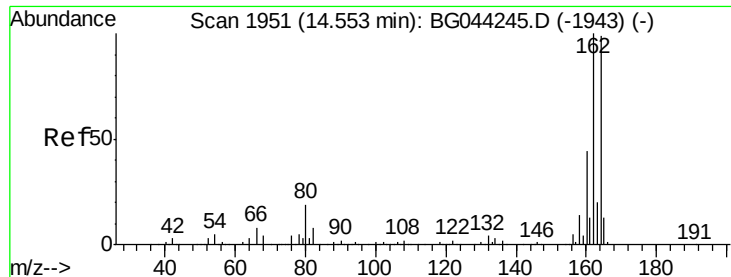
Tot Ion:136	Resp:	242430
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	7.6	5.8 8.8
68	5.6	4.6 6.8



#23
Nitrobenzene-d5
Concen: 68.014 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044495.D
Acq: 19 Feb 2020 18:46

Tgt Ion: 82	Resp:	292058
Ion	Ratio	Lower Upper
82	100	
128	46.2	36.5 54.7
54	45.3	38.6 58.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG044495.D

Acq: 19 Feb 2020 18:46

Instrument :

BNA_G

ClientSampleId :

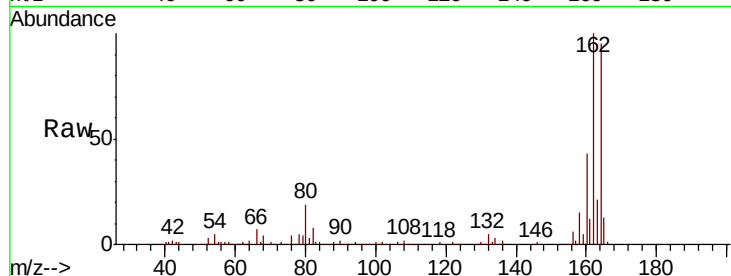
Tot Ion:164 Resp: 156996

Ion Ratio Lower Upper

164 100

162 104.7 80.7 121.1

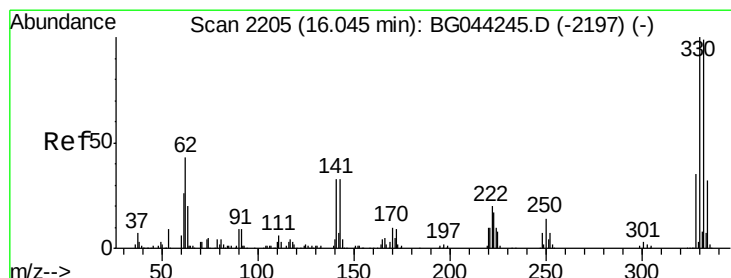
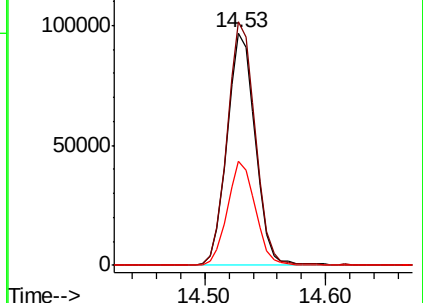
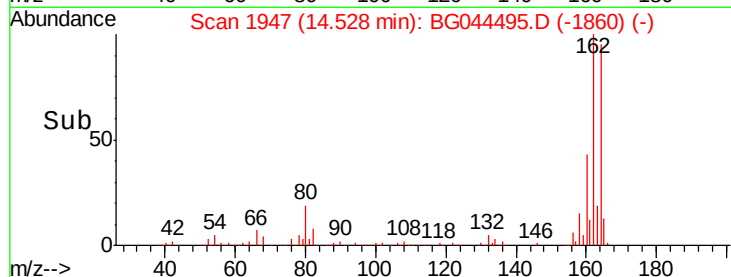
160 44.9 35.3 52.9



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: 123.452 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044495.D

Acq: 19 Feb 2020 18:46

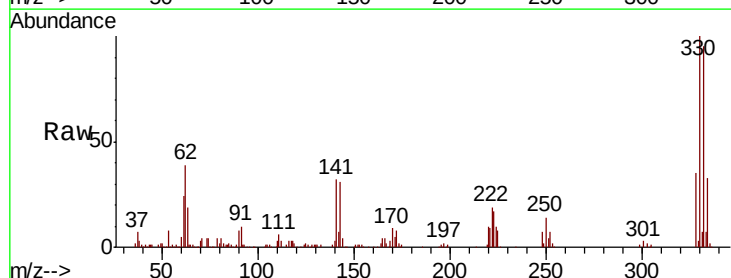
Tgt Ion:330 Resp: 227527

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

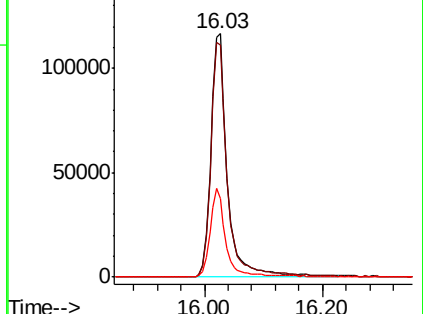
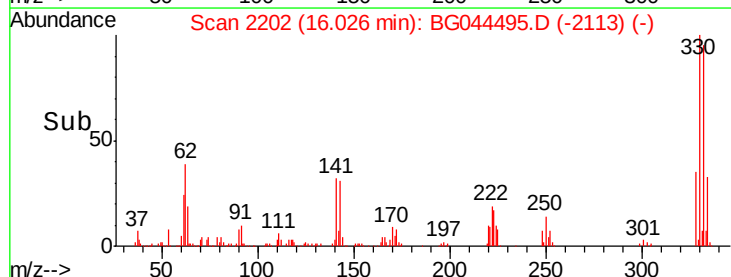
141 34.1 28.3 42.5

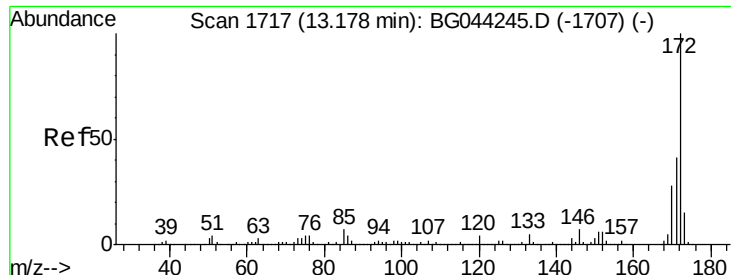


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

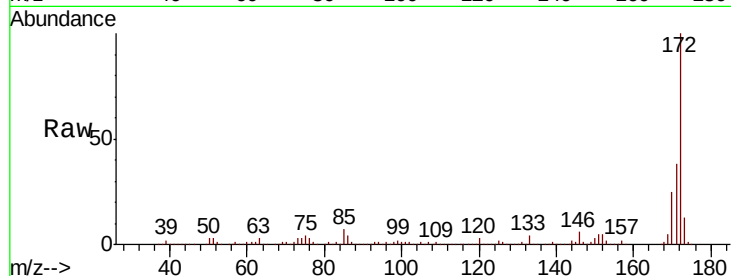




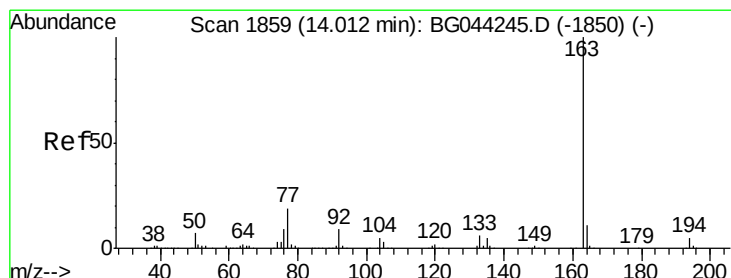
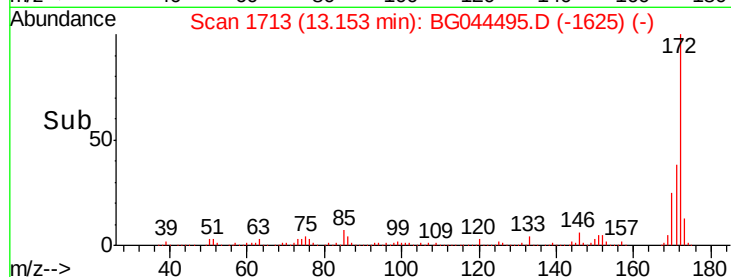
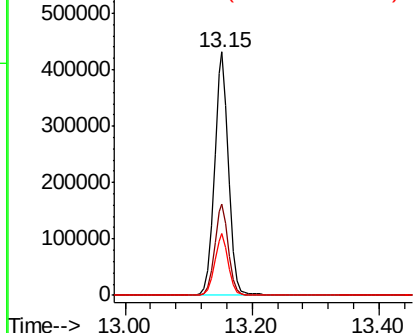
#45
2-Fluorobiphenyl
Concen: 72.558 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044495.D
Acq: 19 Feb 2020 18:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 680260
Ion Ratio Lower Upper
172 100
171 37.6 32.9 49.3
170 25.2 22.0 33.0

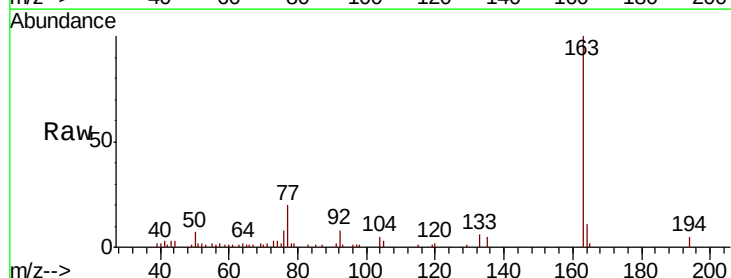


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

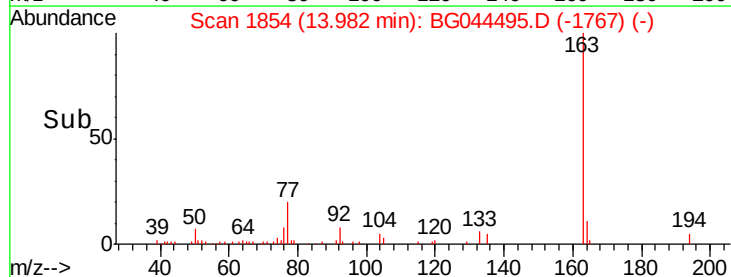
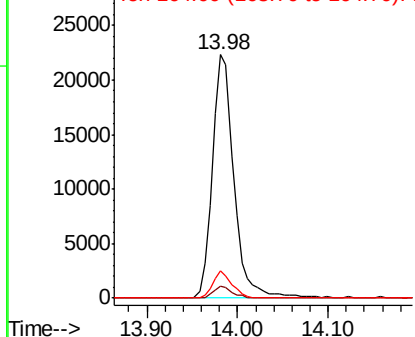


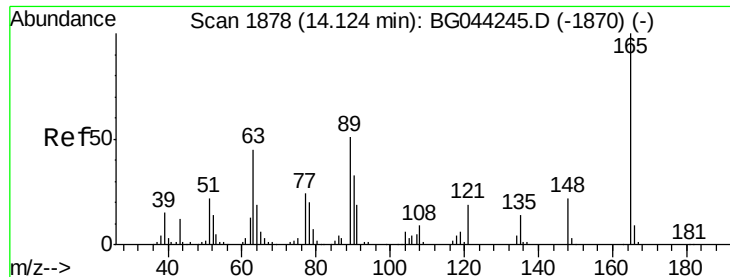
#50
Dimethylphthalate
Concen: 3.250 ng
RT: 13.98 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BG044495.D
Acq: 19 Feb 2020 18:46

Tgt Ion:163 Resp: 36674
Ion Ratio Lower Upper
163 100
194 5.0 3.6 5.4
164 11.2 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

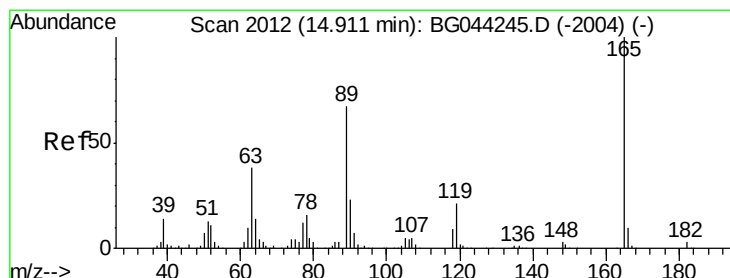
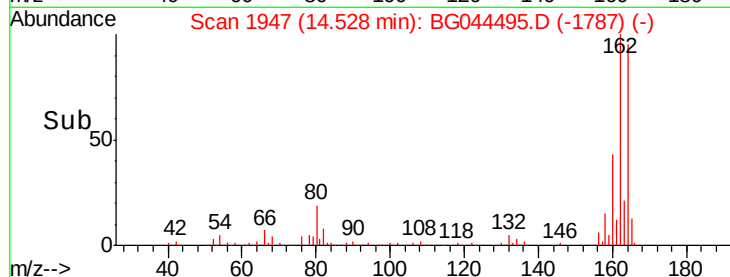
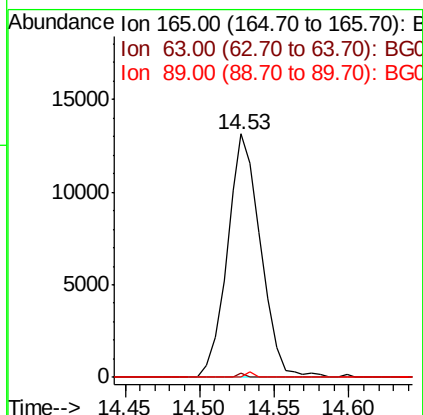
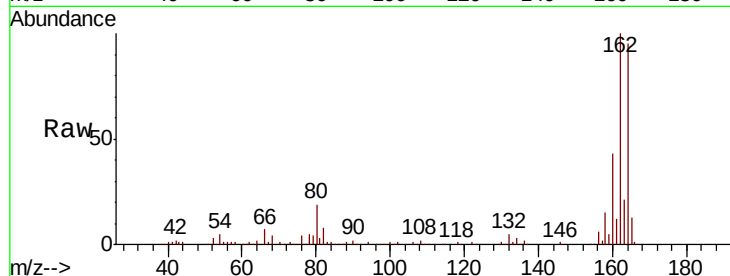




#51
 2,6-Dinitrotoluene
 Concen: 8.096 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

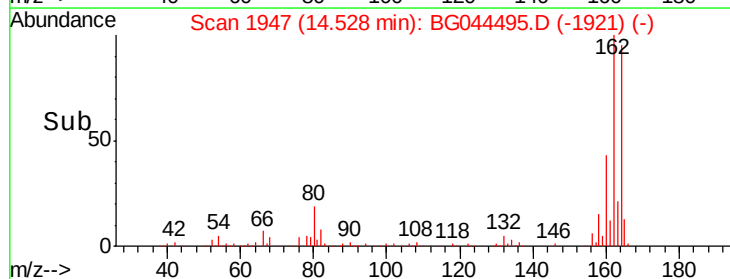
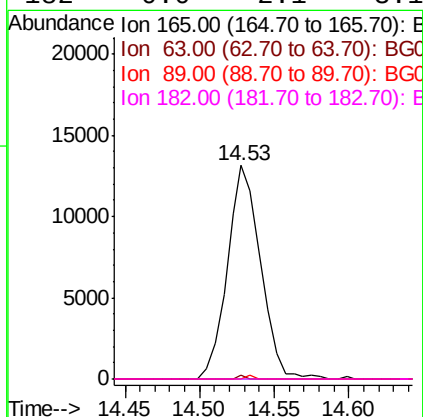
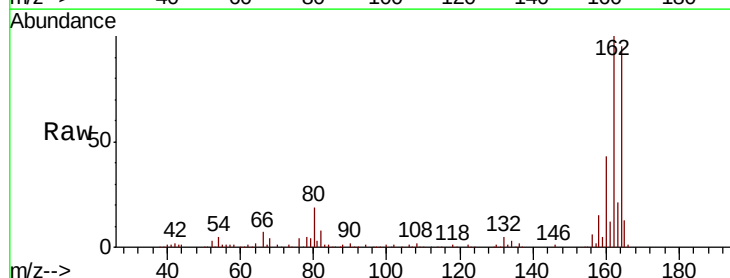
Instrument :
 BNA_G
 ClientSampleId :

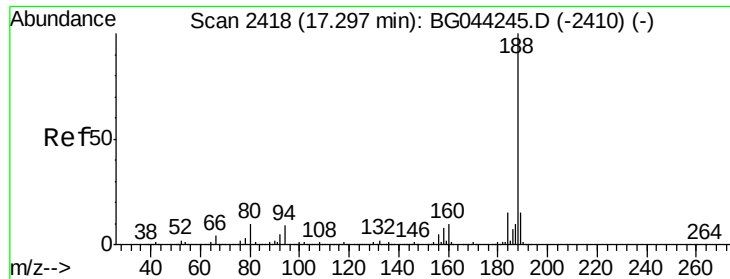
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	38.7	58.1#
89	0.0	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.776 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.38 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	30.3	45.5#
89	0.0	53.4	80.2#
182	0.0	2.1	3.1#

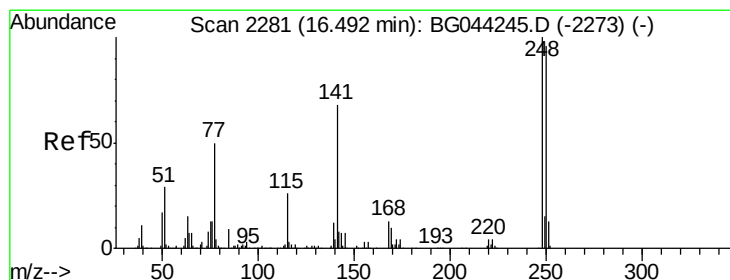
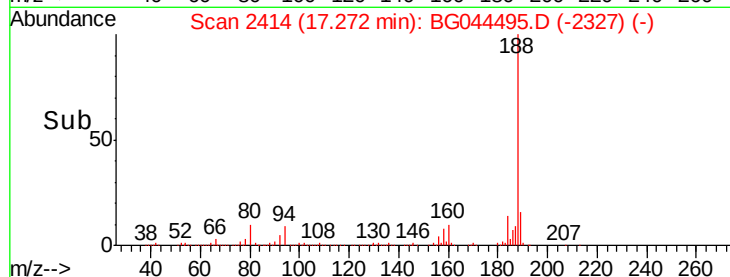
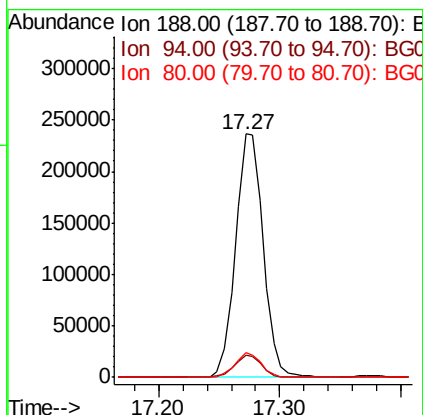
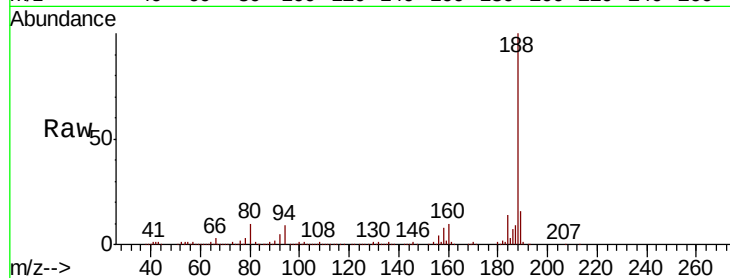




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

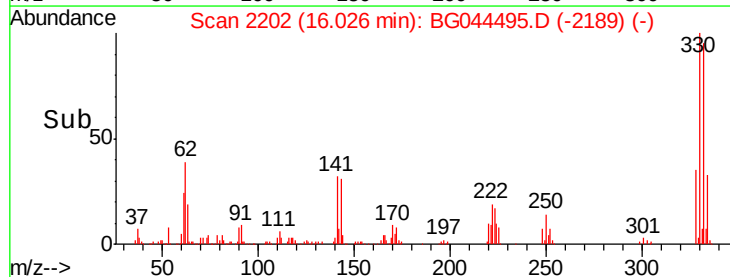
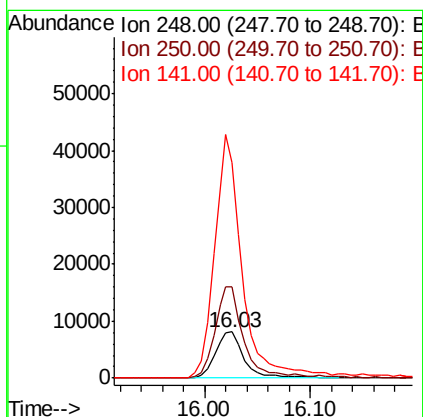
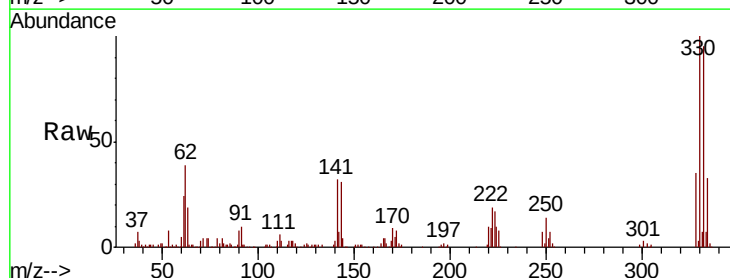
Instrument :
 BNA_G
 ClientSampleId :

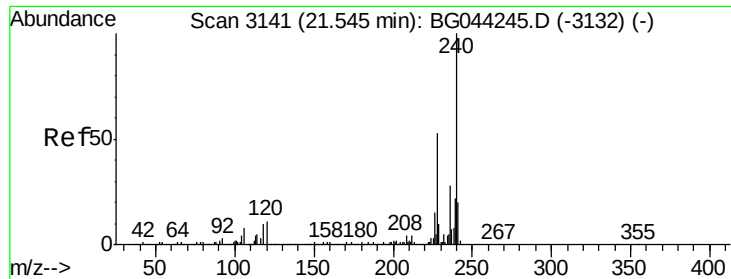
Tot Ion:188 Resp: 377050
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.4 11.2
 80 10.1 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.709 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.45 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

Tgt Ion:248 Resp: 15235
 Ion Ratio Lower Upper
 248 100
 250 197.1 76.6 114.8#
 141 465.6 54.7 82.1#

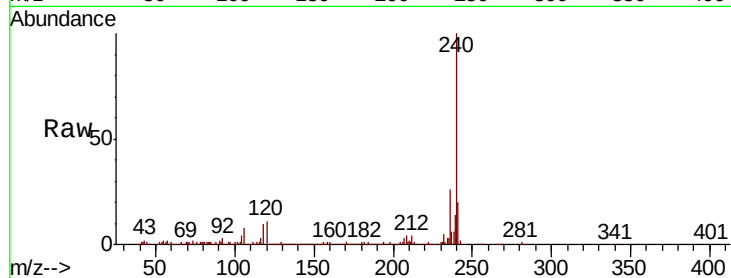




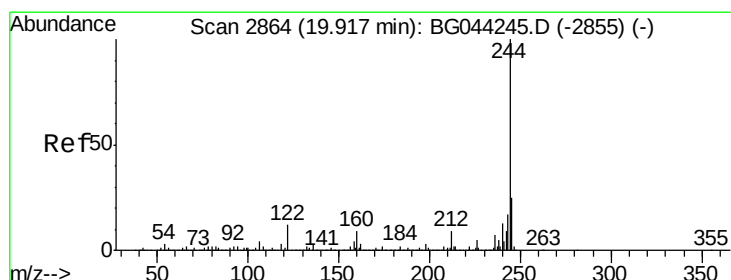
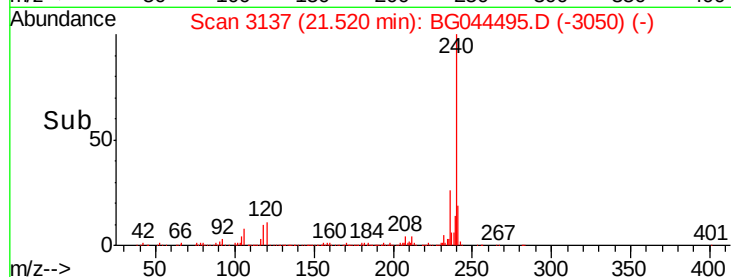
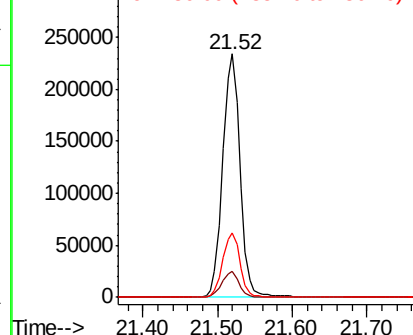
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG044495.D
Acq: 19 Feb 2020 18:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 380093
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 26.5 22.1 33.1

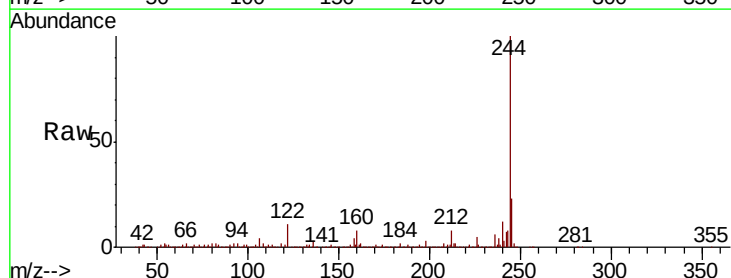


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

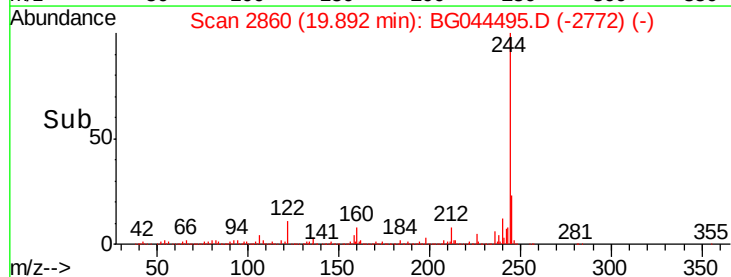
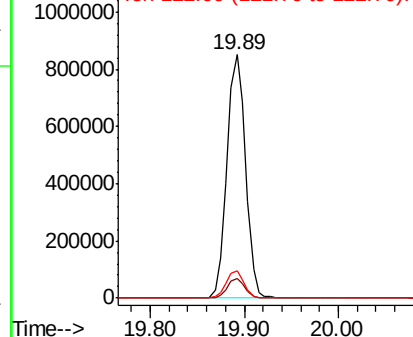


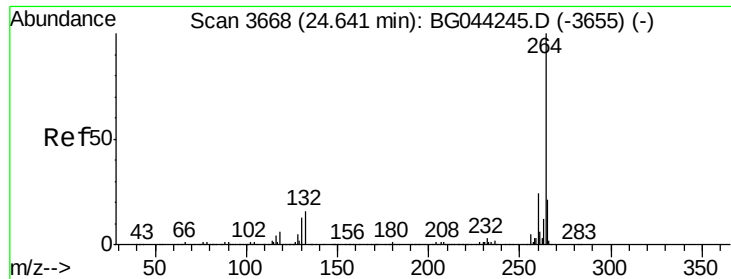
#79
Terphenyl-d14
Concen: 63.631 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044495.D
Acq: 19 Feb 2020 18:46

Tgt Ion:244 Resp: 1175846
Ion Ratio Lower Upper
244 100
212 8.2 7.4 11.2
122 11.3 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

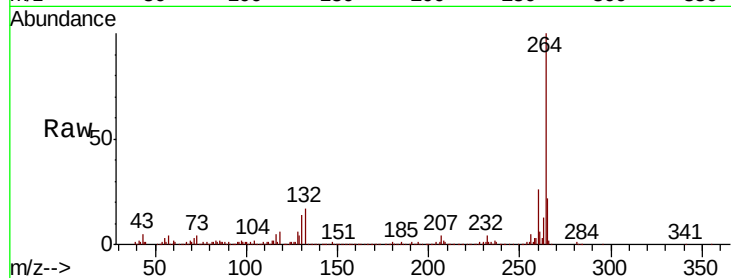




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044495.D
Acq: 19 Feb 2020 18:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.4	29.2
265	22.2	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

