

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044354.D
 Acq On : 8 Feb 2020 3:27
 Operator : CG/JU
 Sample : L1390-01DL 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1DL

Quant Time: Feb 08 04:20:54 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

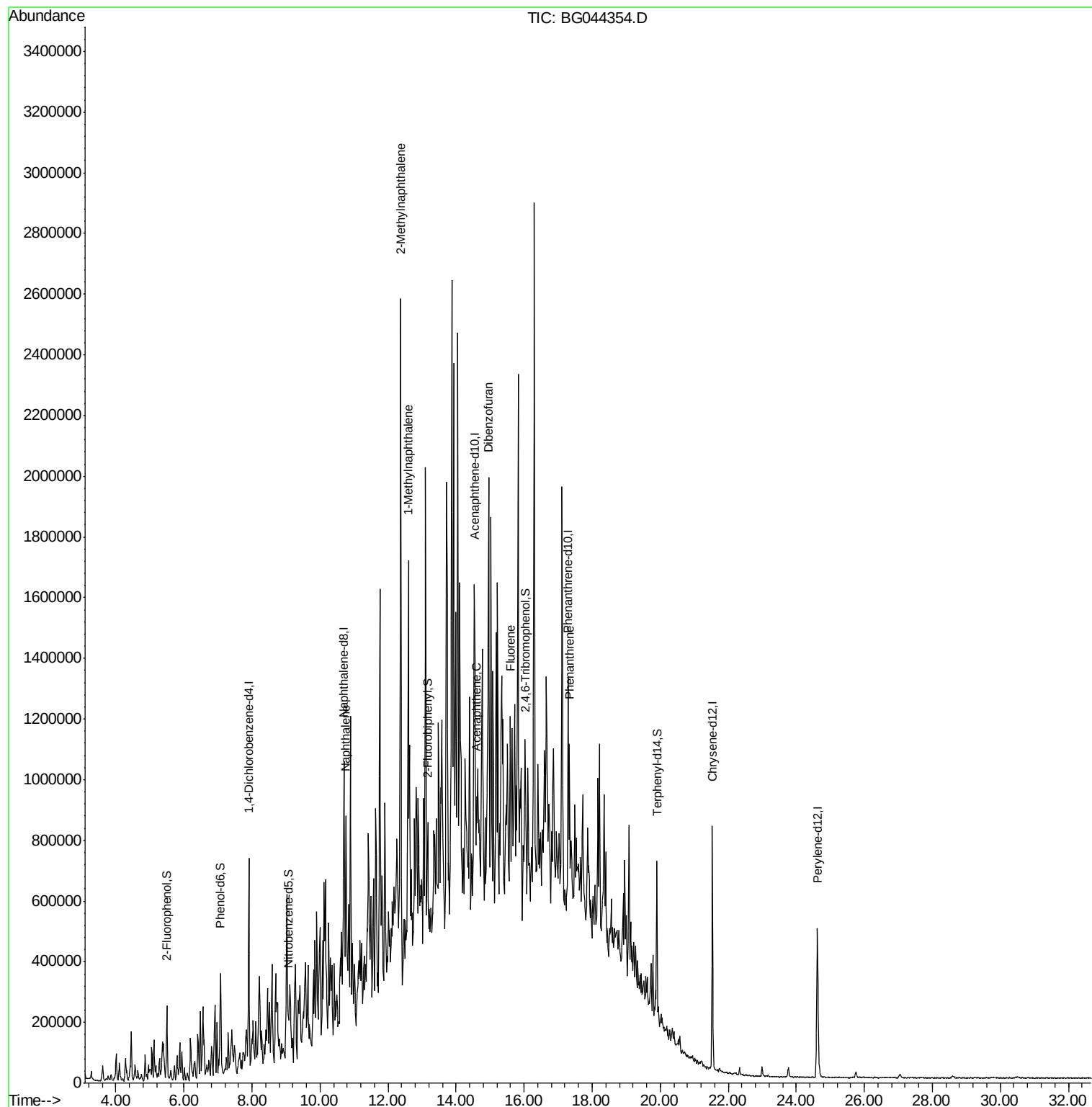
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	85560	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	348915	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	227395	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	471936	20.00	ng	0.00
76) Chrysene-d12	21.53	240	494063	20.00	ng	-0.01
87) Perylene-d12	24.62	264	523559	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	55149	11.38	ng	0.00
7) Phenol-d6	7.08	99	80628	12.38	ng	0.00
23) Nitrobenzene-d5	9.06	82	67907	10.99	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	18144	6.80	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	142717	10.51	ng	0.00
79) Terphenyl-d14	19.90	244	238703	9.94	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.76	128	363693	21.484	ng	97
37) 2-Methylnaphthalene	12.38	142	998846	79.470	ng	99
38) 1-Methylnaphthalene	12.59	142	607597	51.275	ng	100
52) Acenaphthene	14.61	154	41927	3.379	ng	# 85
55) Dibenzofuran	14.94	168	66534	3.541	ng	# 1
58) Fluorene	15.60	166	114634	7.747	ng	# 80
71) Phenanthrene	17.33	178	318892	13.954	ng	97

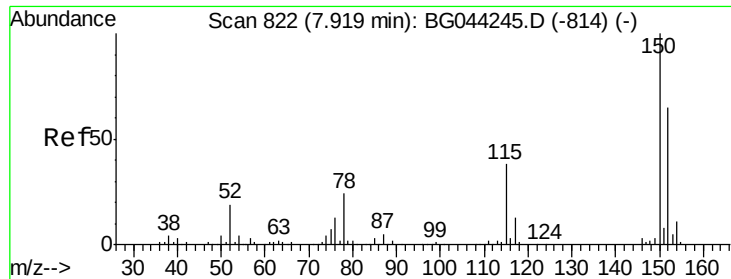
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
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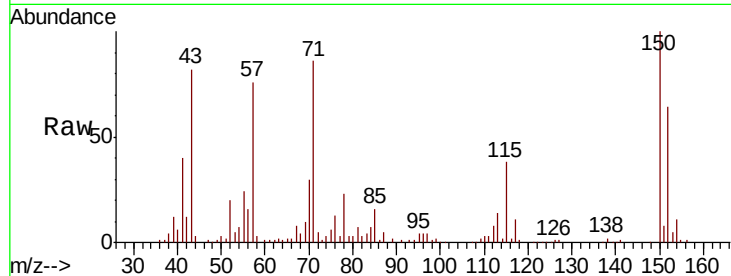


#1

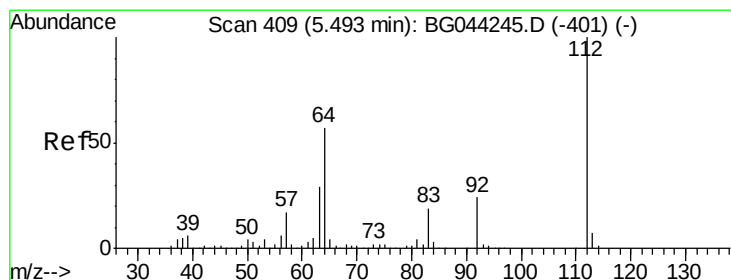
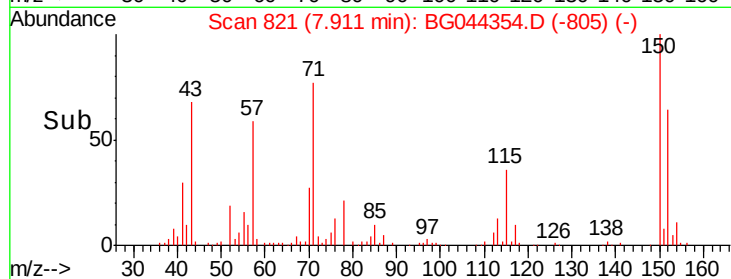
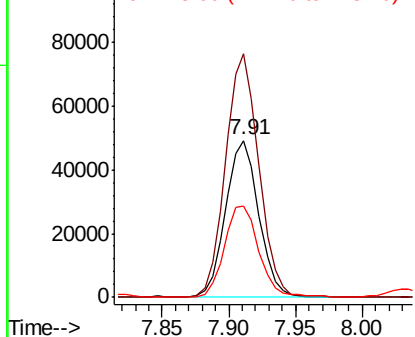
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044354.D
 Acq: 8 Feb 2020 3:27

Instrument :
 BNA_G
 ClientSampled :
 SB-1DL

Tot Ion:152 Resp: 85560
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.6 183.8
 115 58.3 46.0 69.0



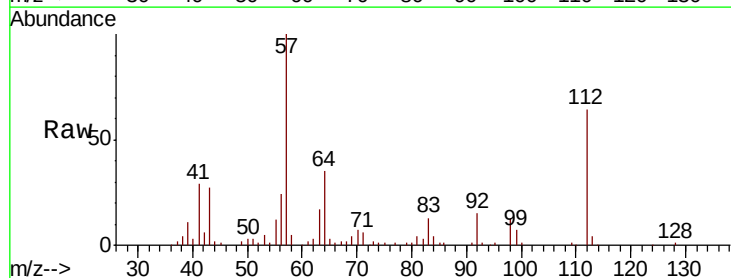
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



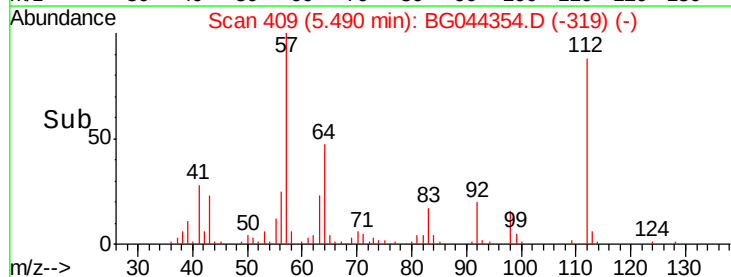
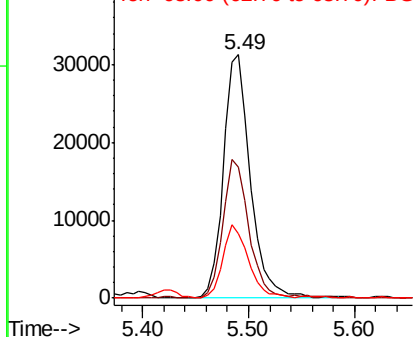
#5

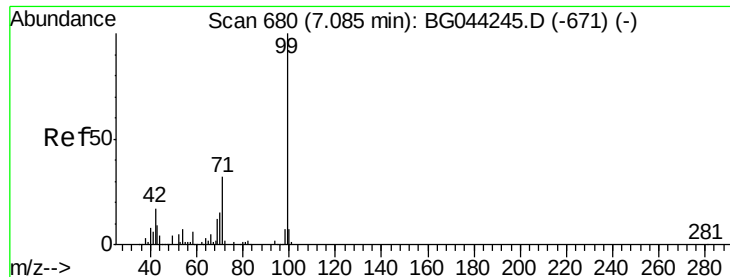
2-Fluorophenol
 Concen: 11.376 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044354.D
 Acq: 8 Feb 2020 3:27

Tgt Ion:112 Resp: 55149
 Ion Ratio Lower Upper
 112 100
 64 54.0 45.4 68.2
 63 26.4 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: 12.385 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG044354.D

Acq: 8 Feb 2020 3:27

Instrument :

BNA_G

ClientSampled :

SB-1DL

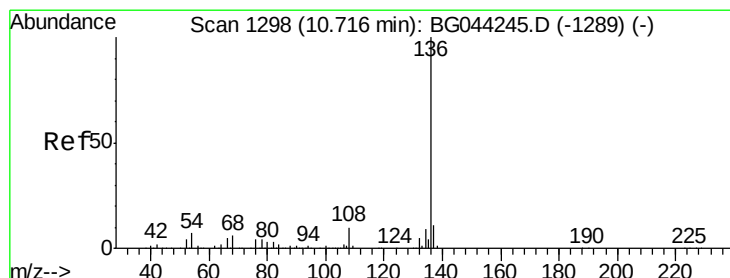
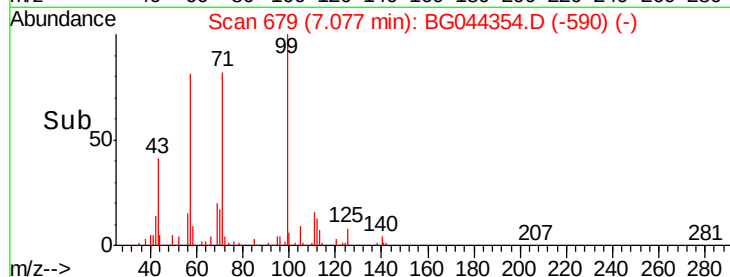
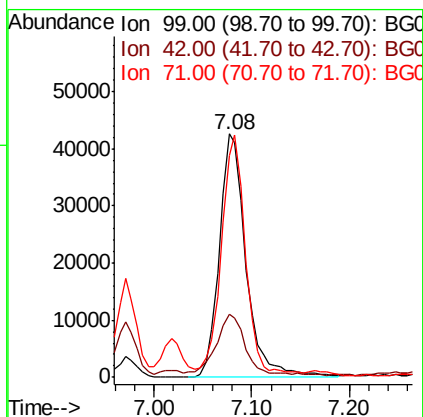
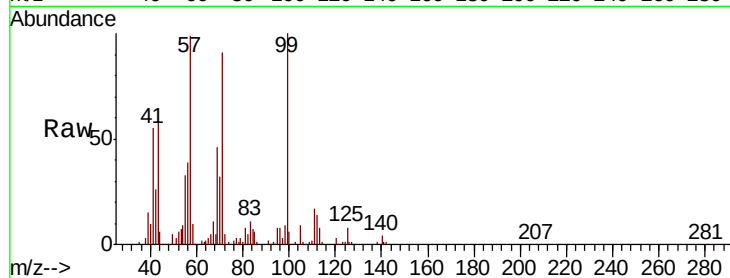
Tot Ion: 99 Resp: 80628

Ion Ratio Lower Upper

99 100

42 26.0 13.8 20.6#

71 91.1 25.5 38.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG044354.D

Acq: 8 Feb 2020 3:27

Tgt Ion: 136 Resp: 348915

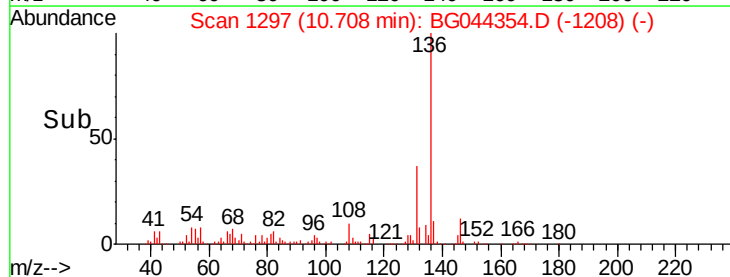
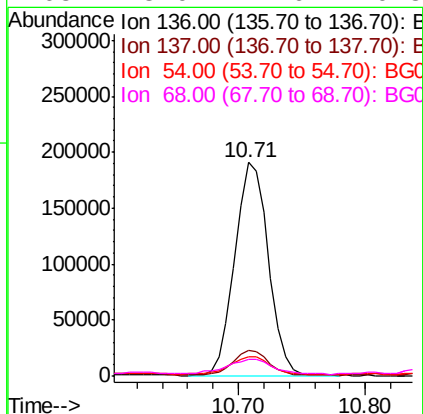
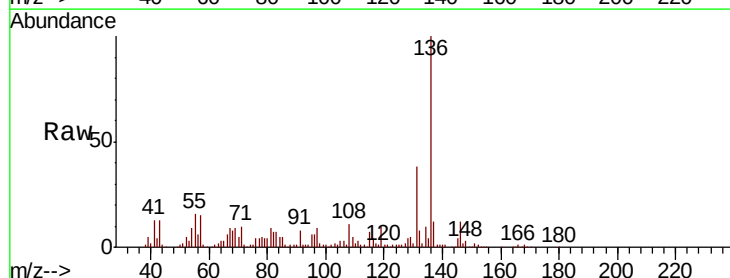
Ion Ratio Lower Upper

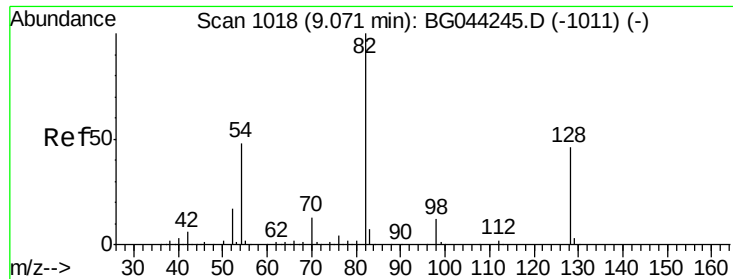
136 100

137 12.0 8.8 13.2

54 9.0 5.8 8.8#

68 8.0 4.6 6.8#

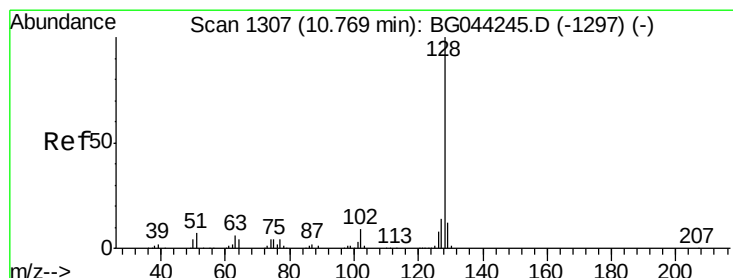
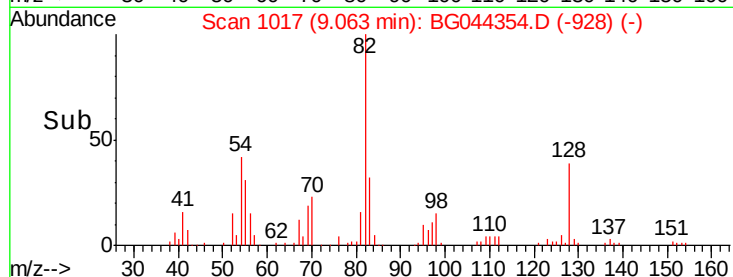
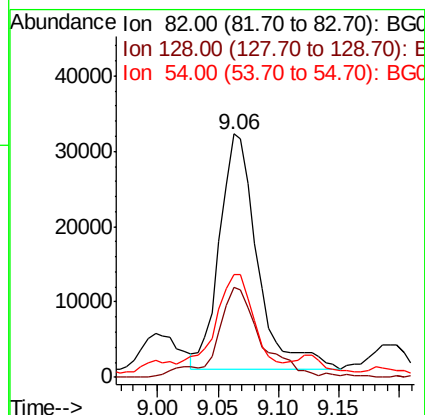
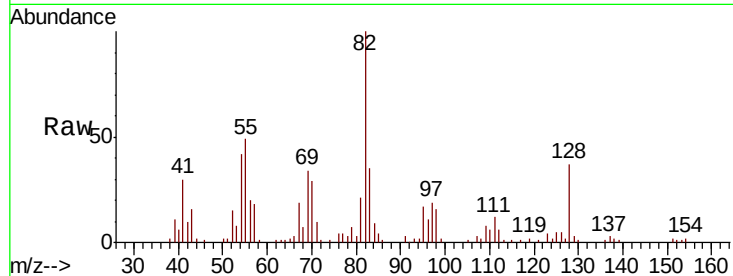




#23
Nitrobenzene-d5
Concen: 10.988 ng
RT: 9.06 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG044354.D
Acq: 8 Feb 2020 3:27

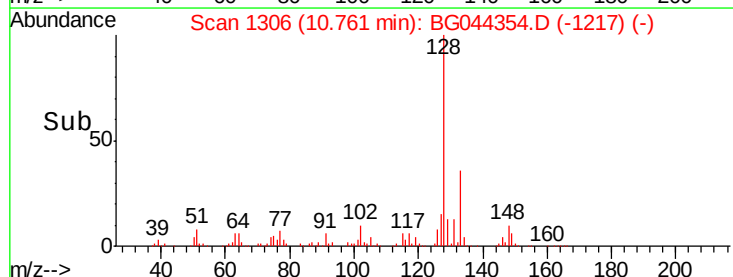
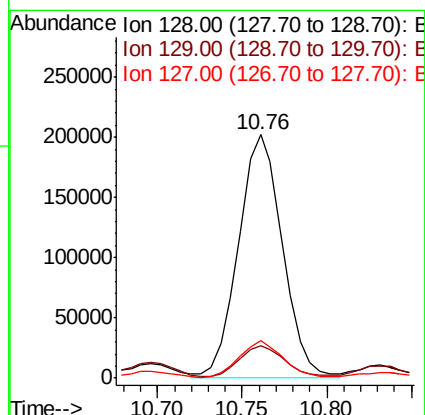
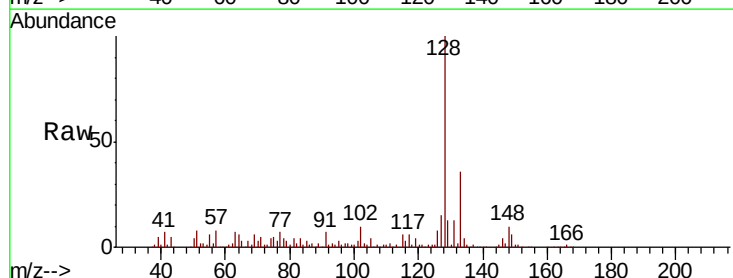
Instrument :
BNA_G
ClientSampleId :
SB-1DL

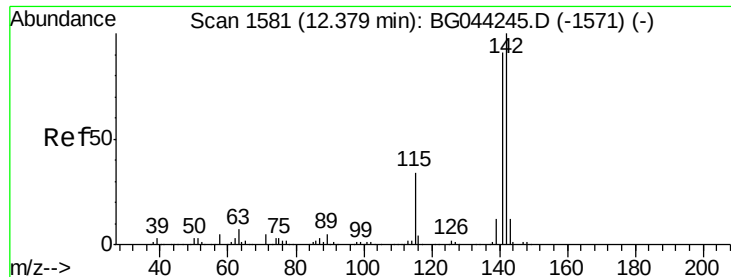
Tot Ion	82	Resp	67907
Ion Ratio	Lower	Upper	
82	100		
128	37.0	36.5	54.7
54	42.2	38.6	58.0



#31
Naphthalene
Concen: 21.484 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG044354.D
Acq: 8 Feb 2020 3:27

Tgt Ion	128	Resp	363693
Ion Ratio	Lower	Upper	
128	100		
129	13.3	9.3	13.9
127	15.2	11.6	17.4

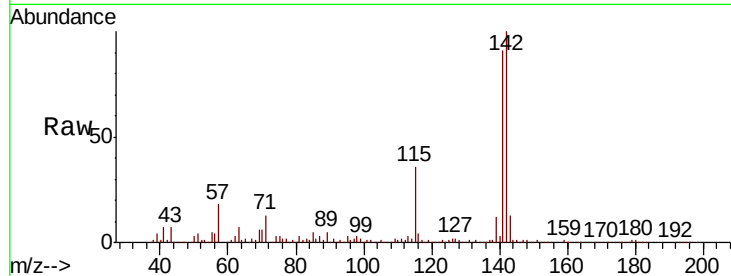




#37
 2-Methylnaphthalene
 Concen: 79.470 ng
 RT: 12.38 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG044354.D
 Acq: 8 Feb 2020 3:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-1DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8
115	36.0	27.1	40.7

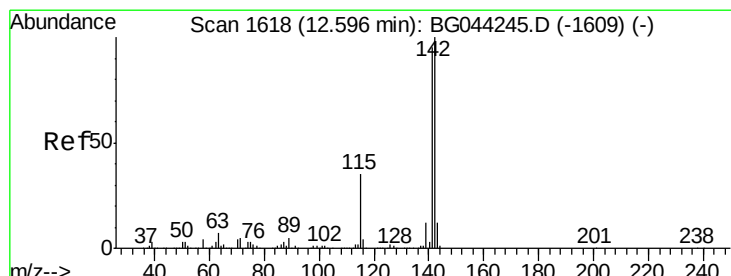
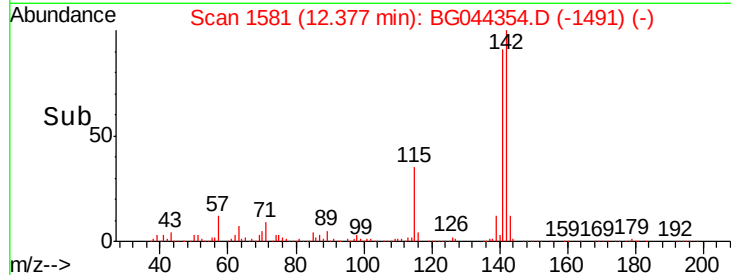
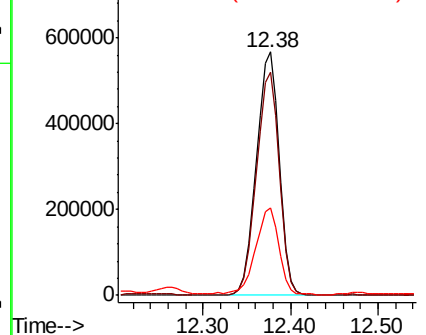


Abundance

Ion 142.00 (141.70 to 142.70): E

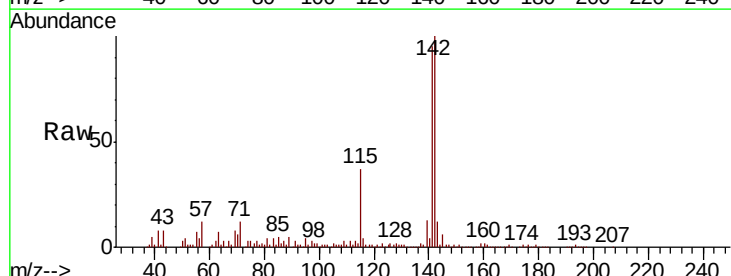
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 51.275 ng
 RT: 12.59 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG044354.D
 Acq: 8 Feb 2020 3:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.8	113.6
116	4.1	3.1	4.7

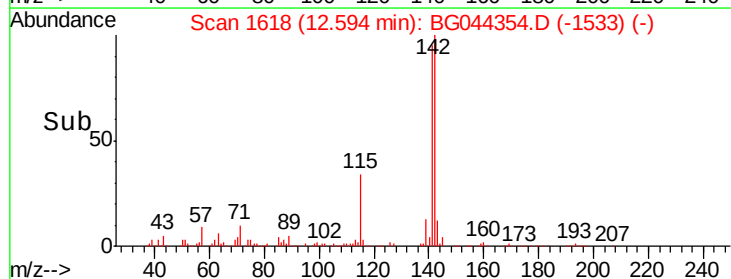
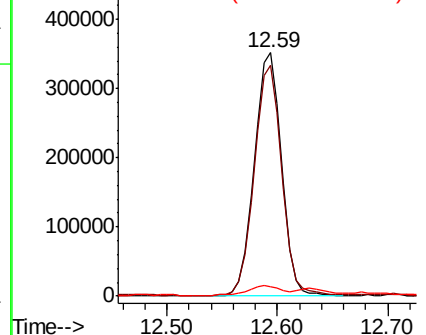


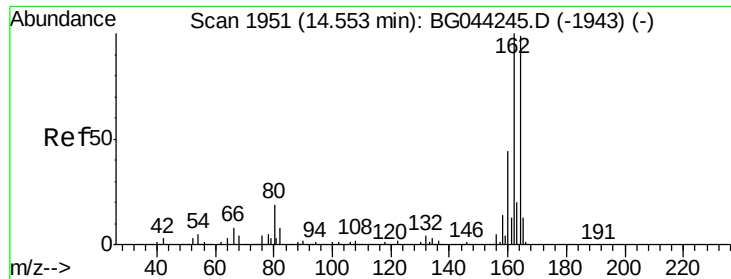
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

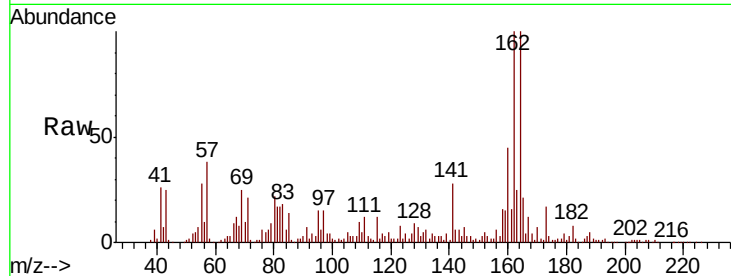




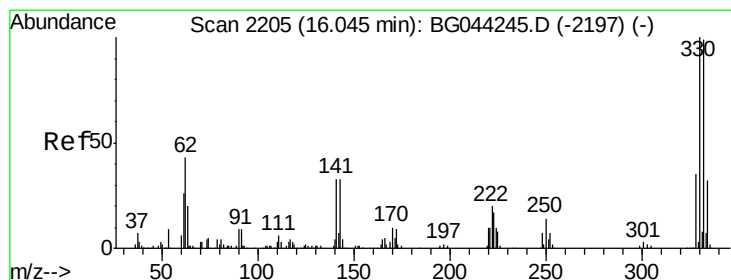
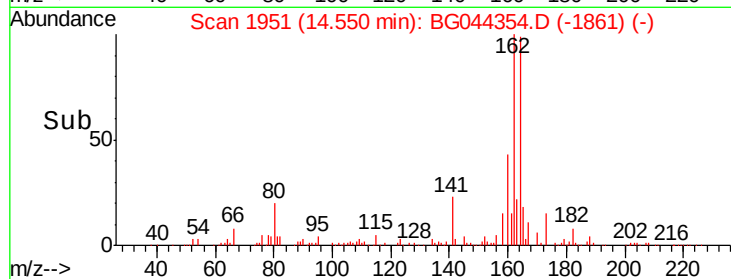
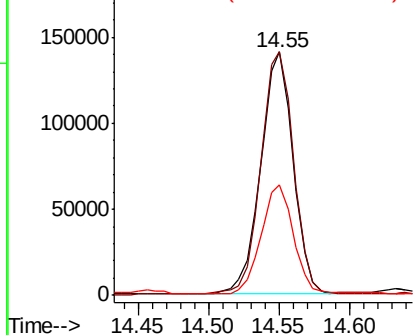
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044354.D
Acq: 8 Feb 2020 3:27

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.7	121.1
160	45.2	35.3	52.9

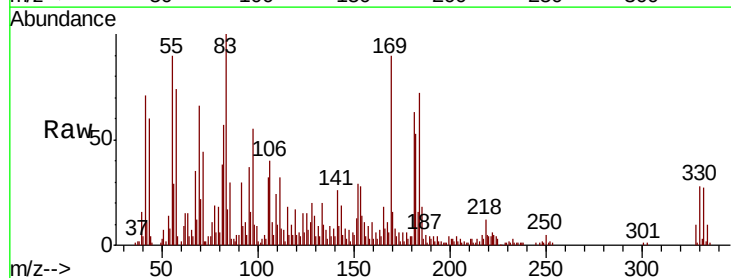


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

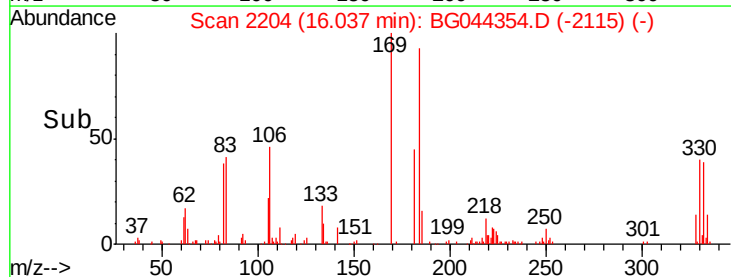
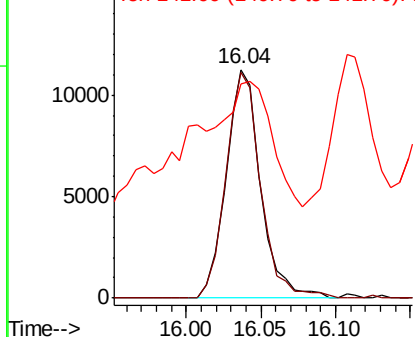


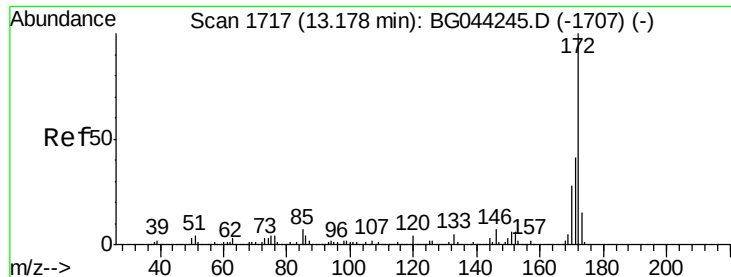
#42
2,4,6-Tribromophenol
Concen: 6.797 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG044354.D
Acq: 8 Feb 2020 3:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.2	115.8
141	69.9	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: 10.510 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG044354.D

Acq: 8 Feb 2020 3:27

Instrument :

BNA_G

ClientSampleId :

SB-1DL

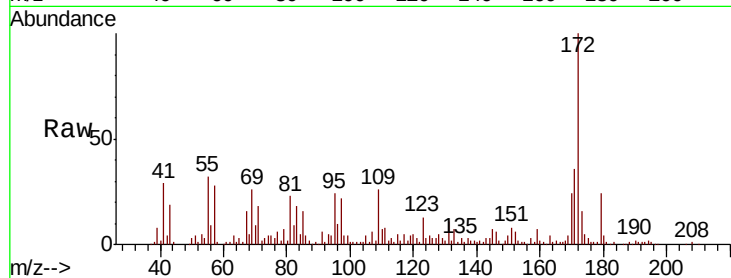
Tot Ion:172 Resp: 142717

Ion Ratio Lower Upper

172 100

171 36.3 32.9 49.3

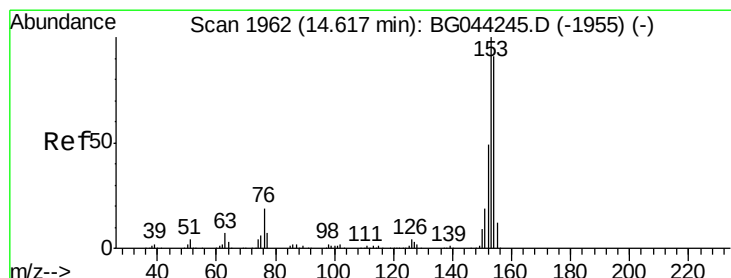
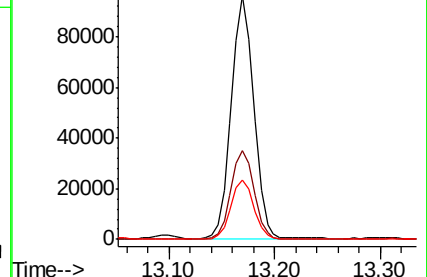
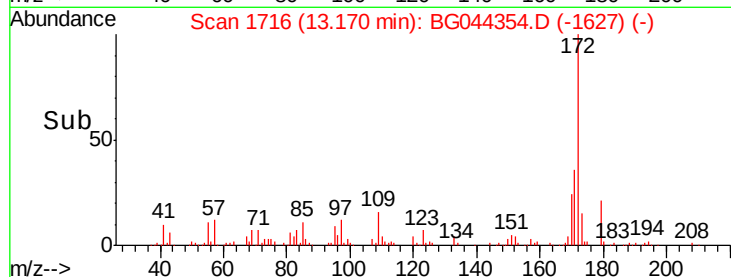
170 24.4 22.0 33.0



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



#52

Acenaphthene

Concen: 3.379 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG044354.D

Acq: 8 Feb 2020 3:27

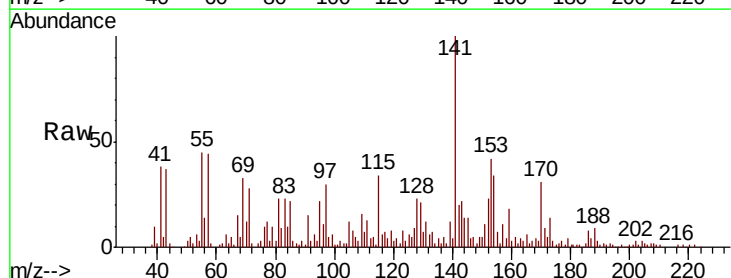
Tgt Ion:154 Resp: 41927

Ion Ratio Lower Upper

154 100

153 123.2 87.9 131.9

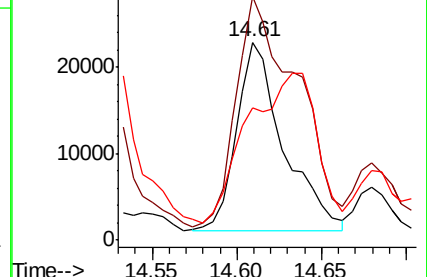
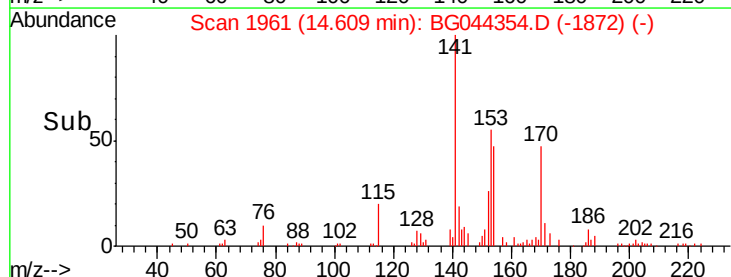
152 67.2 43.1 64.7#

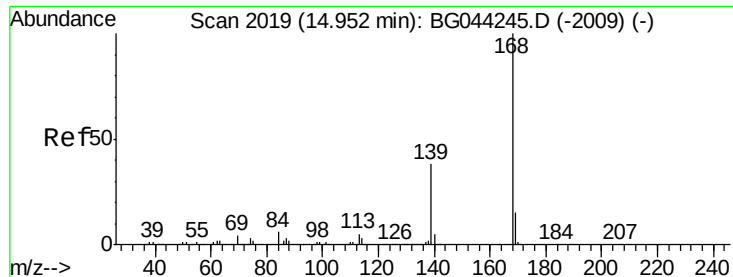


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

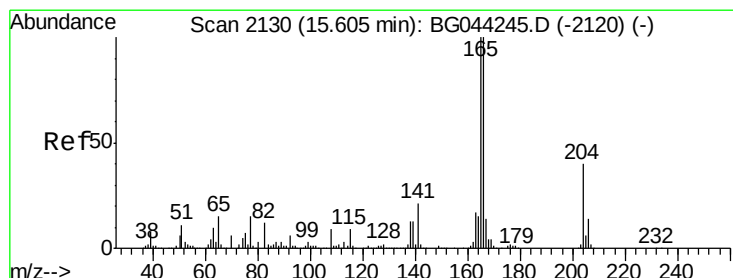
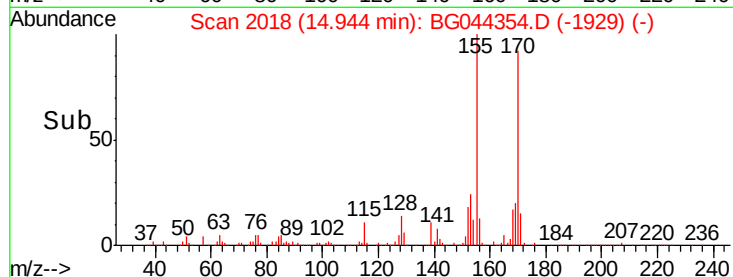
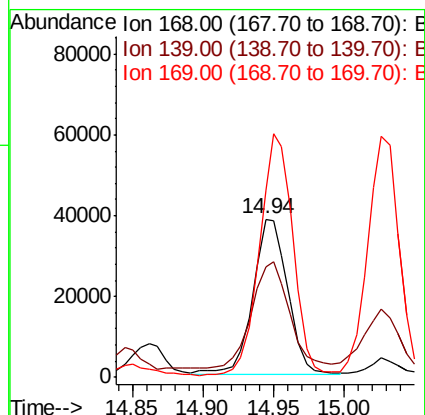
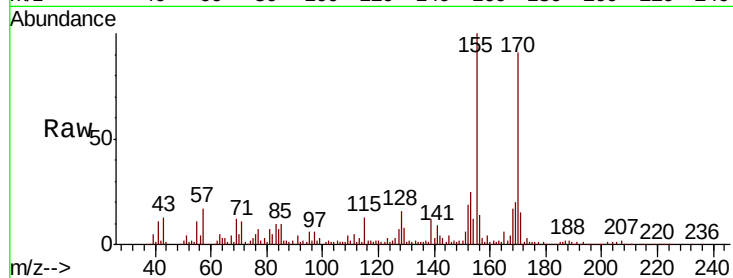




#55
Dibenzenofuran
Concen: 3.541 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG044354.D
Acq: 8 Feb 2020 3:27

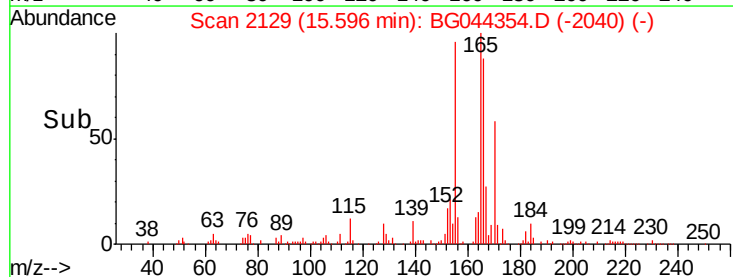
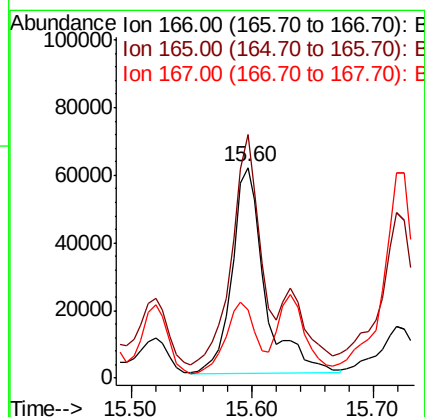
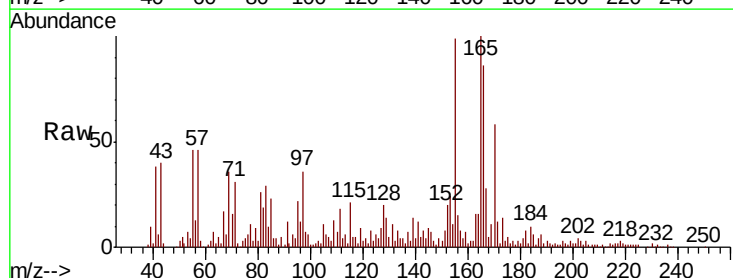
Instrument :
BNA_G
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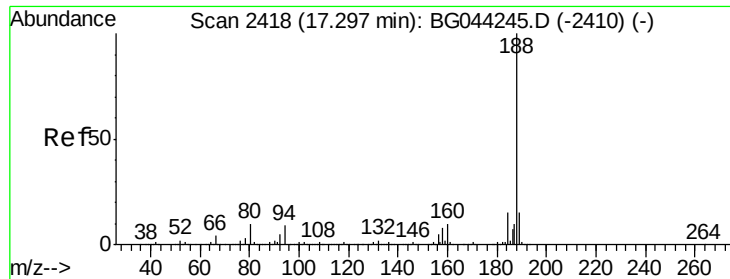
Tot Ion:168 Resp: 66534
Ion Ratio Lower Upper
168 100
139 70.0 30.5 45.7#
169 118.6 11.7 17.5#



#58
Fluorene
Concen: 7.747 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044354.D
Acq: 8 Feb 2020 3:27

Tgt Ion:166 Resp: 114634
Ion Ratio Lower Upper
166 100
165 115.8 79.9 119.9
167 32.7 11.4 17.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044354.D

Acq: 8 Feb 2020 3:27

Instrument :

BNA_G

ClientSampleId :

SB-1DL

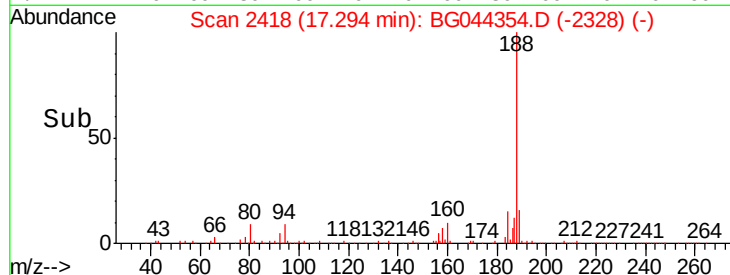
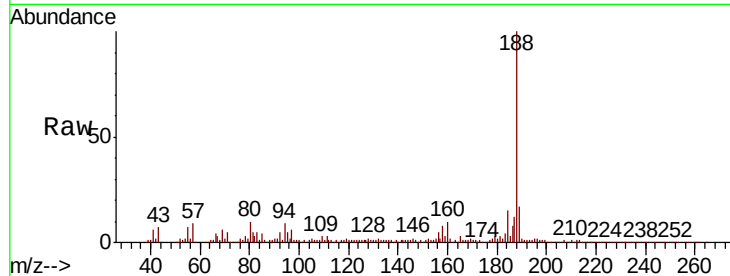
Tot Ion:188 Resp: 471936

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

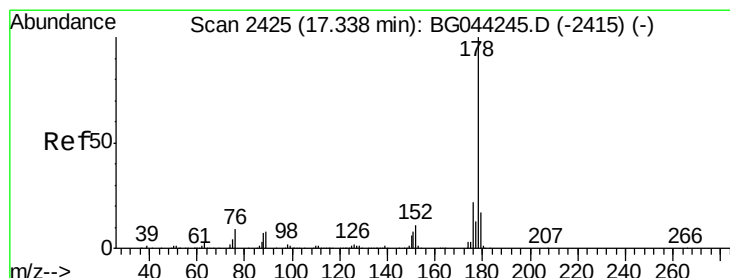
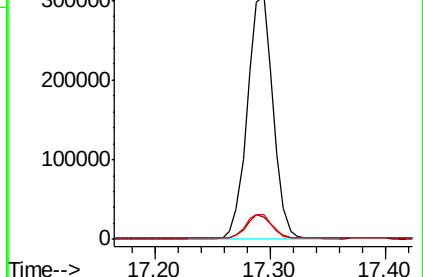
80 10.0 7.7 11.5



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



#71

Phenanthrene

Concen: 13.954 ng

RT: 17.33 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BG044354.D

Acq: 8 Feb 2020 3:27

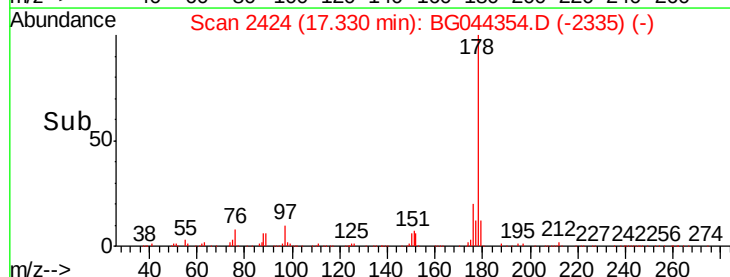
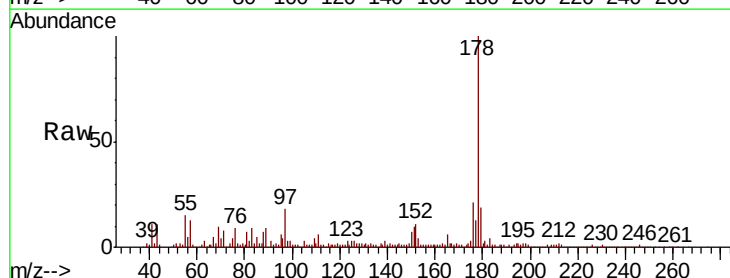
Tgt Ion:178 Resp: 318892

Ion Ratio Lower Upper

178 100

176 21.1 17.7 26.5

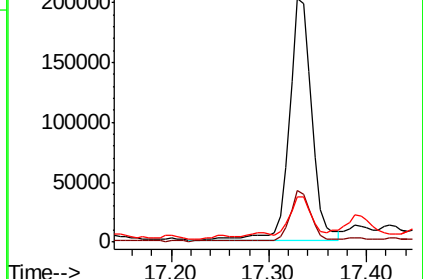
179 18.8 13.7 20.5

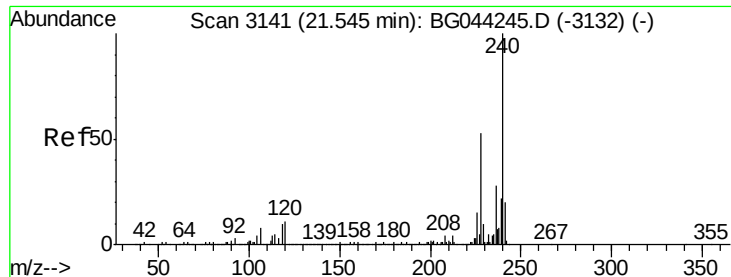


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

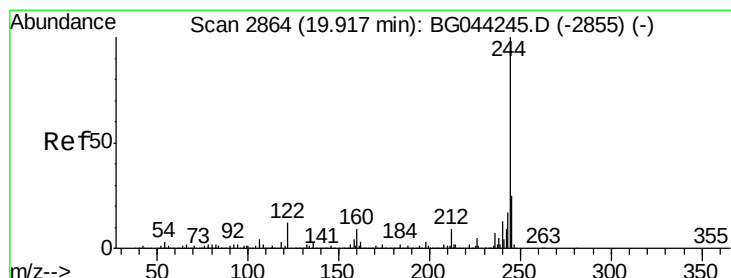
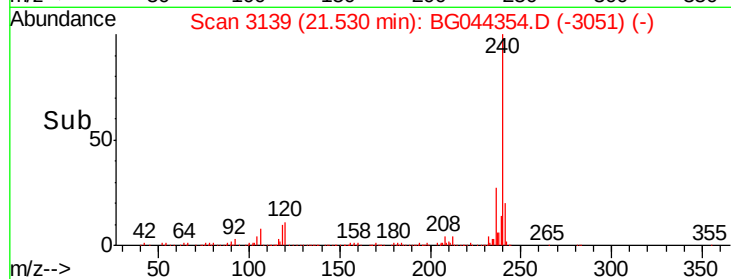
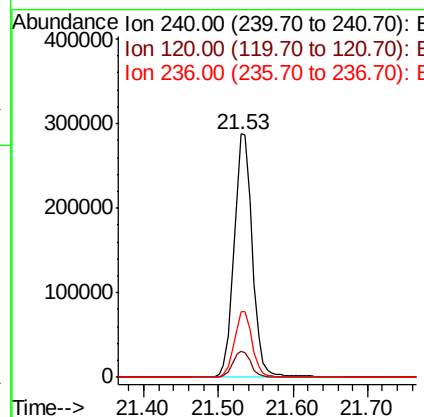
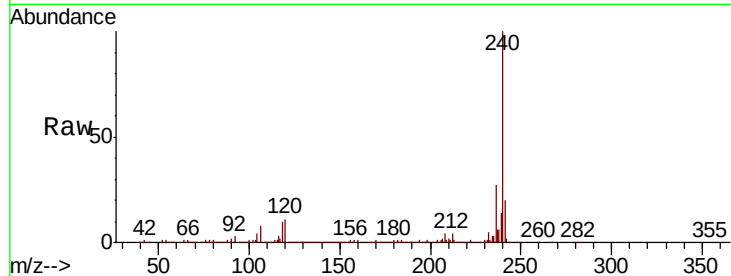




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044354.D
 Acq: 8 Feb 2020 3:27

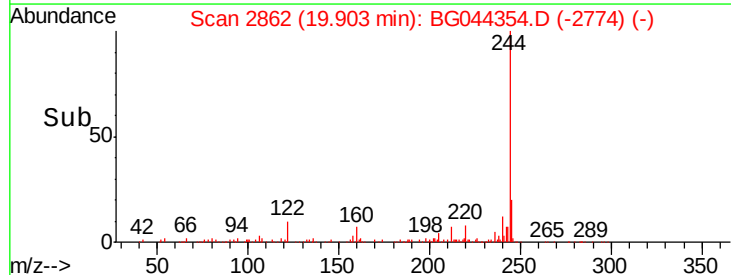
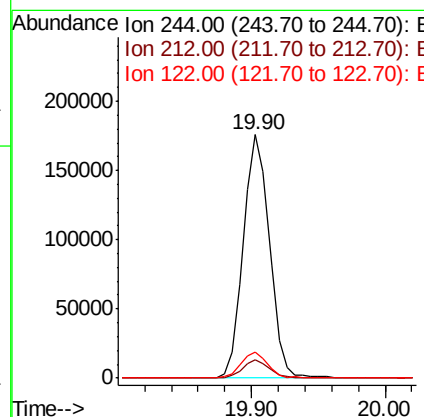
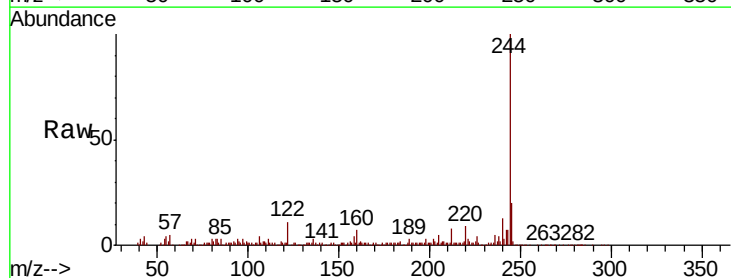
Instrument :
 BNA_G
 ClientSampleId :
 SB-1DL

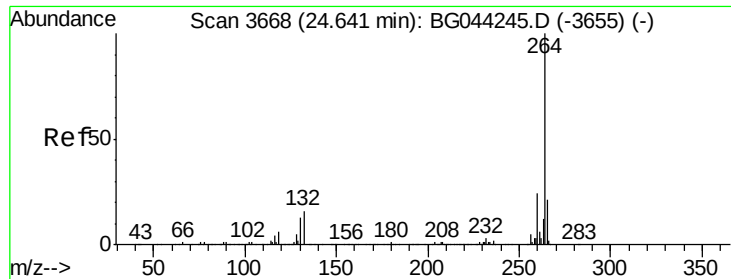
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	27.0	22.1	33.1



#79
 Terphenyl-d14
 Concen: 9.938 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. -0.01 min
 Lab File: BG044354.D
 Acq: 8 Feb 2020 3:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.4	11.2
122	10.8	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3665
Delta R.T. -0.02 min
Lab File: BG044354.D
Acq: 8 Feb 2020 3:27

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.1	16.7	25.1

