

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044442.D
 Acq On : 14 Feb 2020 17:20
 Operator : CG/JU
 Sample : L1523-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Feb 15 06:01:46 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

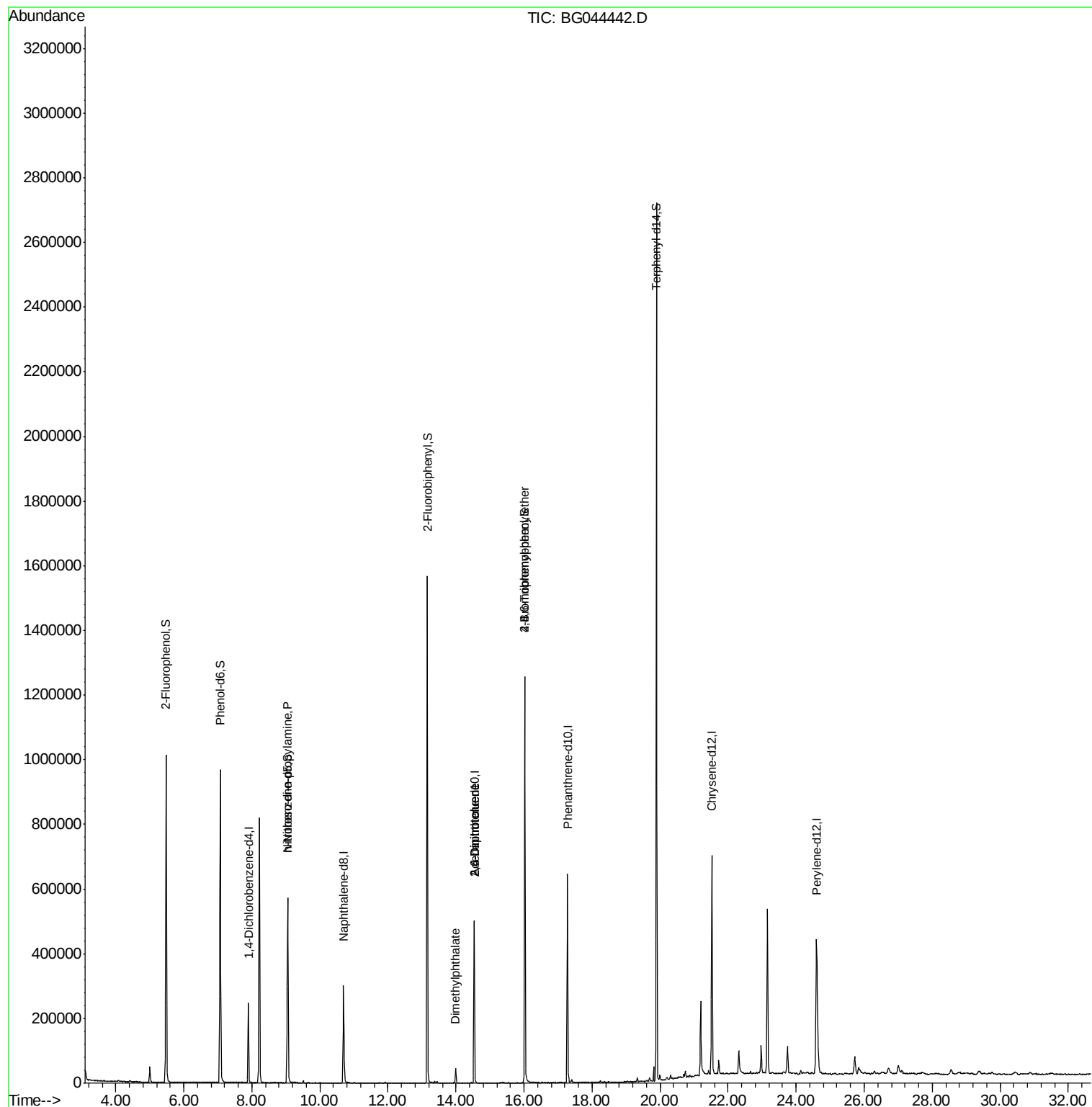
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	74049	20.00	ng	0.00
21) Naphthalene-d8	10.69	136	294687	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	191931	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	429652	20.00	ng	0.00
76) Chrysene-d12	21.52	240	410885	20.00	ng	-0.01
87) Perylene-d12	24.60	264	420799	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	499867	119.14	ng	0.00
7) Phenol-d6	7.07	99	644463	114.38	ng	0.00
23) Nitrobenzene-d5	9.05	82	391747	75.05	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	248525	110.30	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	856436	74.72	ng	0.00
79) Terphenyl-d14	19.90	244	1297153	64.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.05	70	50366	13.413	ng	# 76
50) Dimethylphthalate	13.99	163	41735	3.025	ng	# 97
51) 2,6-Dinitrotoluene	14.54	165	24855	8.080	ng	# 29
57) 2,4-Dinitrotoluene	14.54	165	24855	5.765	ng	# 27
67) 4-Bromophenyl-phenylether	16.02	248	16924	3.615	ng	# 1

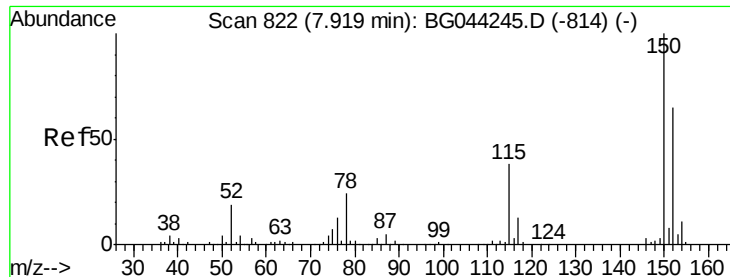
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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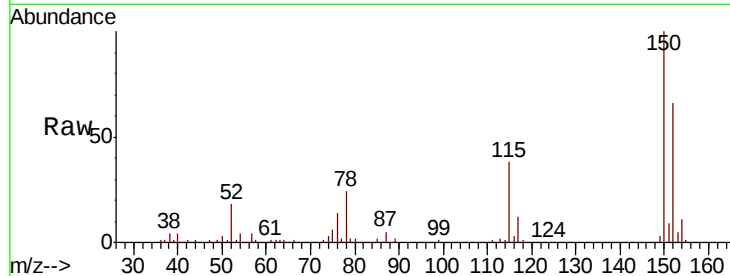


#1

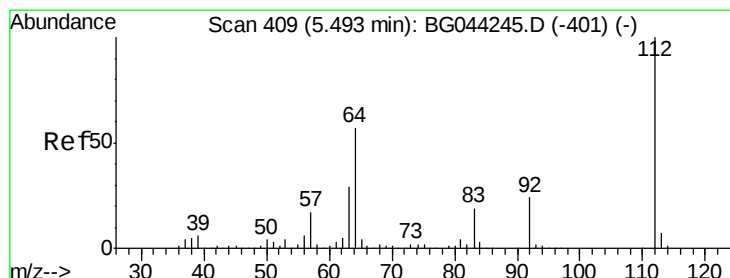
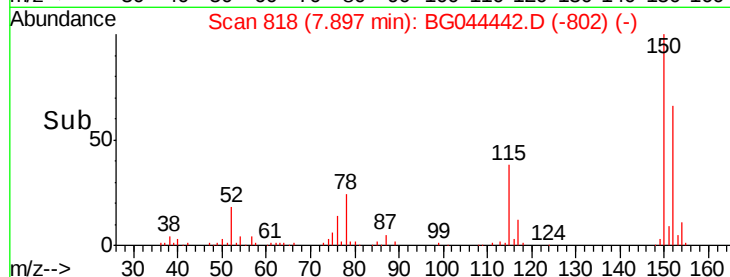
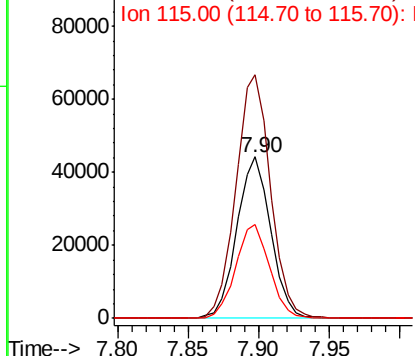
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044442.D
Acq: 14 Feb 2020 17:20

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tot Ion:152 Resp: 74049
Ion Ratio Lower Upper
152 100
150 151.1 122.6 183.8
115 58.1 46.0 69.0



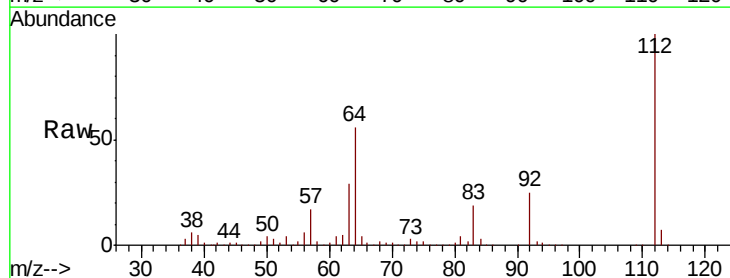
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



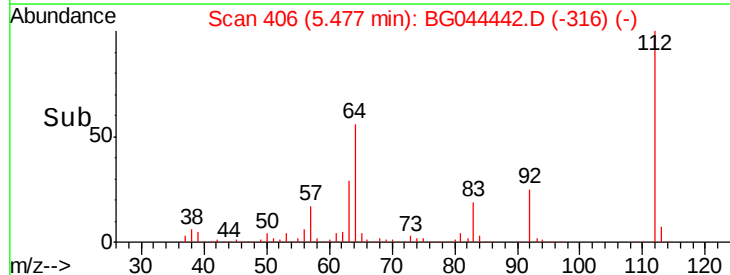
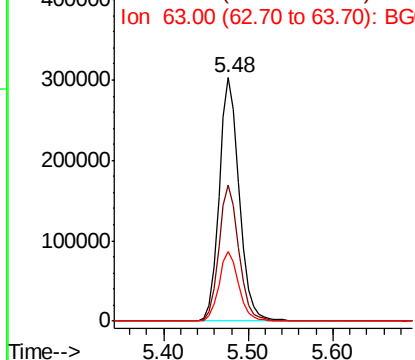
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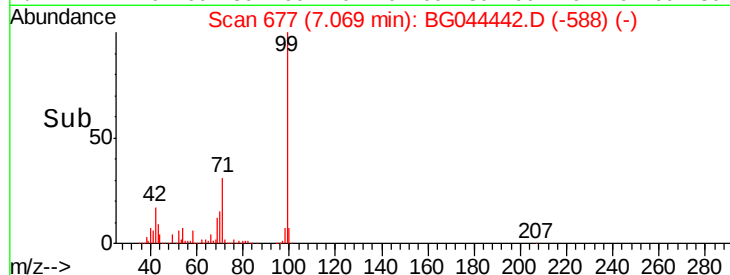
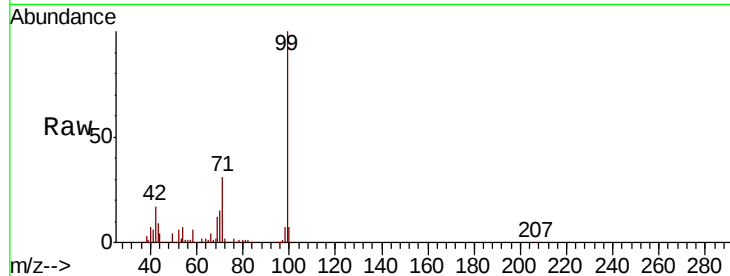
2-Fluorophenol
Concen: 119.136 ng
RT: 5.48 min Scan# 406
Delta R.T. -0.00 min
Lab File: BG044442.D
Acq: 14 Feb 2020 17:20

Tgt Ion:112 Resp: 499867
Ion Ratio Lower Upper
112 100
64 56.1 45.4 68.2
63 28.6 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: 114.382 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044442.D

Acq: 14 Feb 2020 17:20

Instrument :

BNA_G

ClientSampleId :

COMP-3

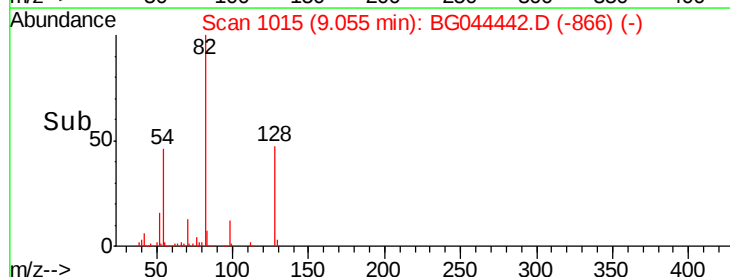
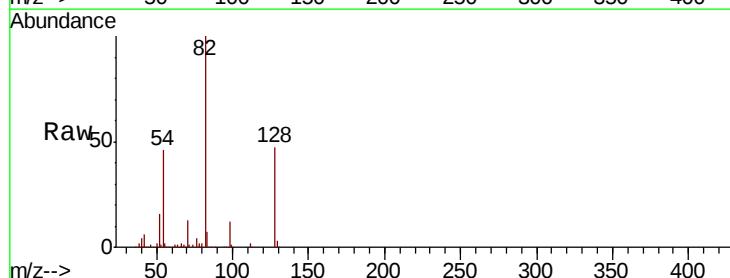
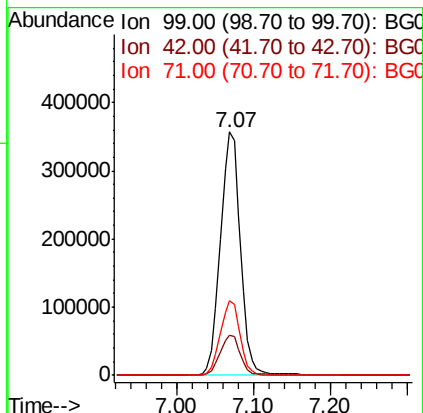
Tot Ion: 99 Resp: 644463

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.6

71 30.8 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.413 ng

RT: 9.05 min Scan# 1015

Delta R.T. 0.34 min

Lab File: BG044442.D

Acq: 14 Feb 2020 17:20

Tgt Ion: 70 Resp: 50366

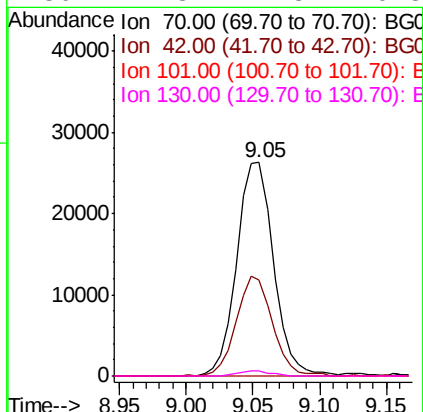
Ion Ratio Lower Upper

70 100

42 45.2 46.2 69.2#

101 0.0 8.4 12.6#

130 2.3 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: BG044442.D

Acq: 14 Feb 2020 17:20

Instrument :

BNA_G

ClientSampleId :

COMP-3

Tot Ion:136 Resp: 294687

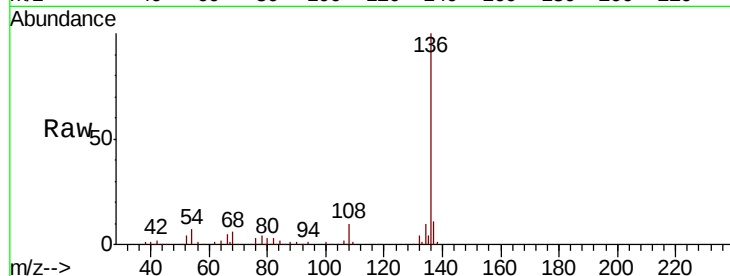
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 7.4 5.8 8.8

68 5.8 4.6 6.8

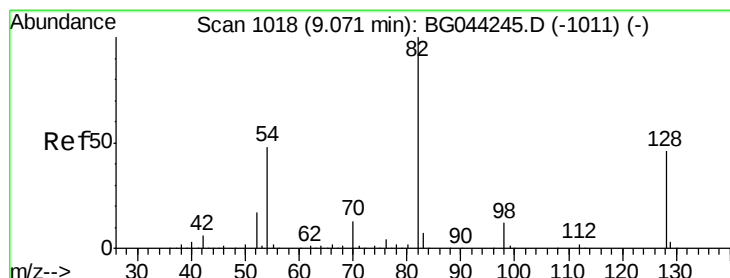
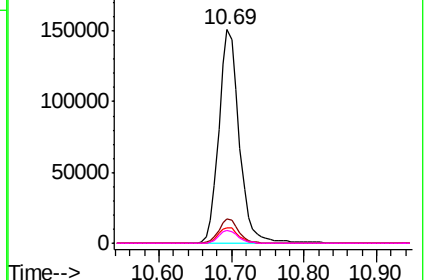
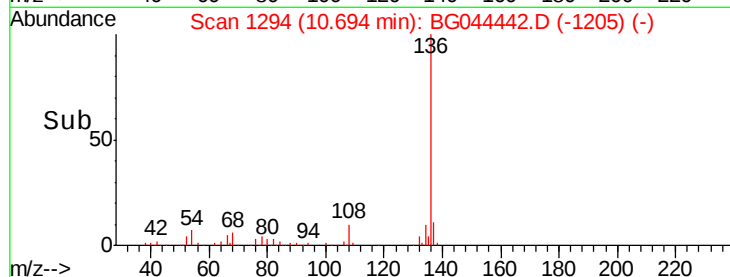


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 75.051 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG044442.D

Acq: 14 Feb 2020 17:20

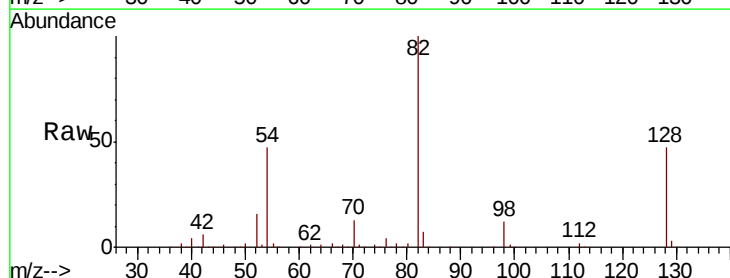
Tgt Ion: 82 Resp: 391747

Ion Ratio Lower Upper

82 100

128 46.8 36.5 54.7

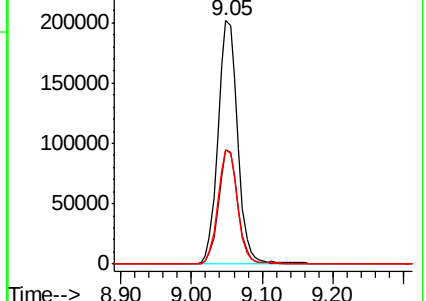
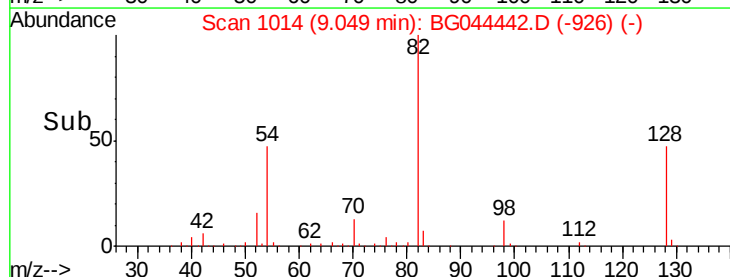
54 46.9 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

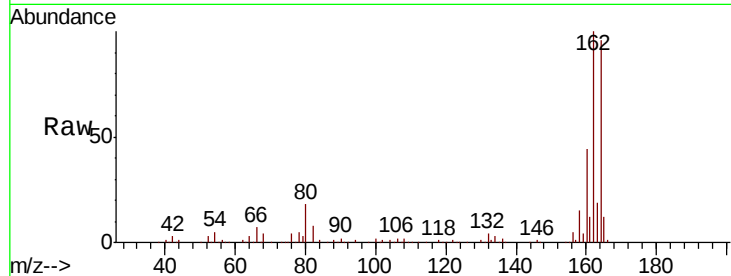




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG044442.D
 Acq: 14 Feb 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.7	121.1
160	46.1	35.3	52.9

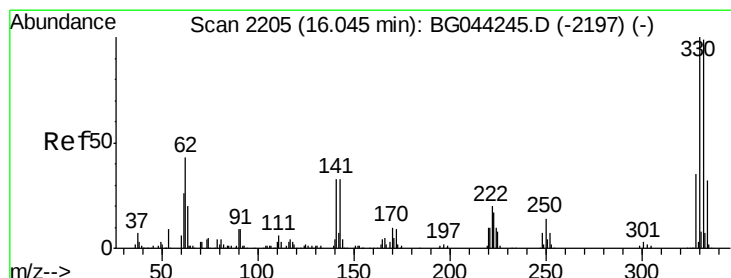
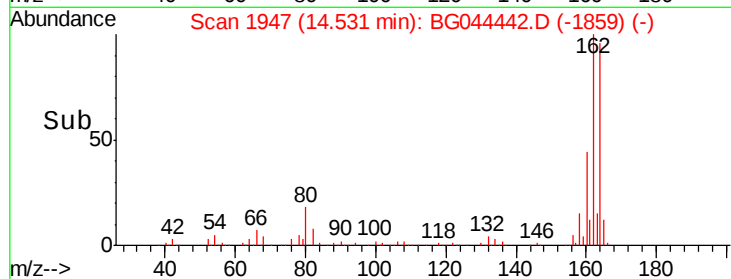
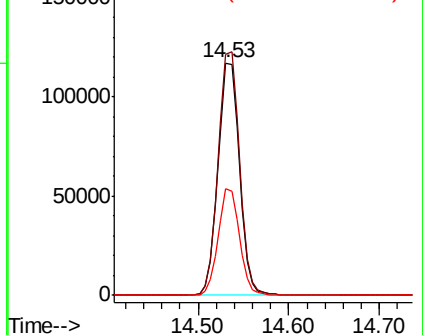


Abundance

Ion 164.00 (163.70 to 164.70): E

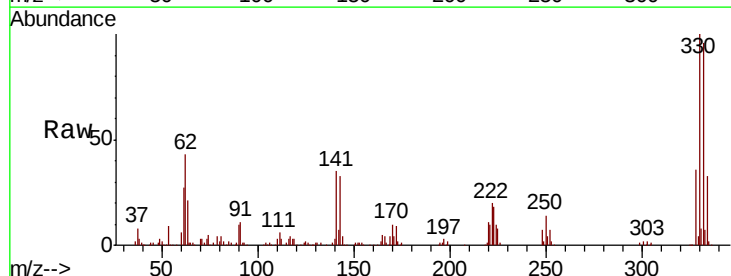
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 110.301 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG044442.D
 Acq: 14 Feb 2020 17:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	35.5	28.3	42.5

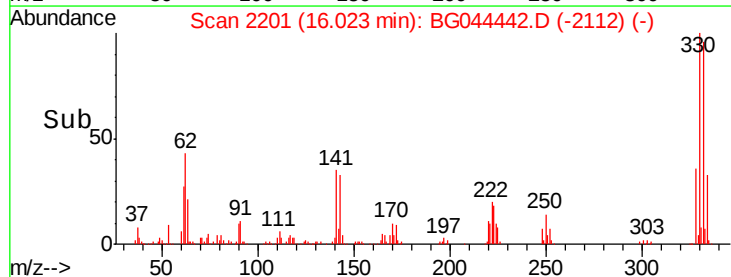
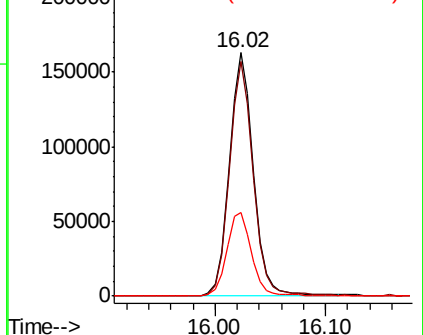


Abundance

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

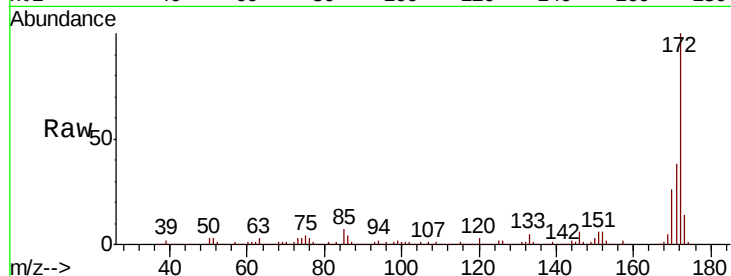




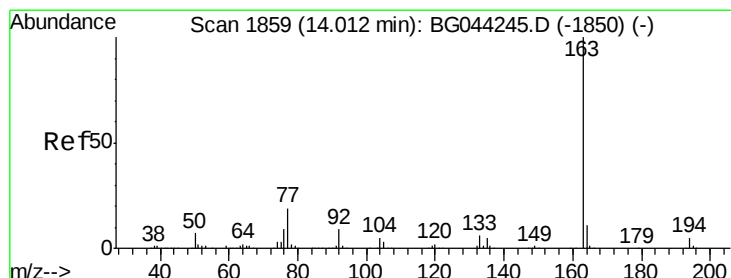
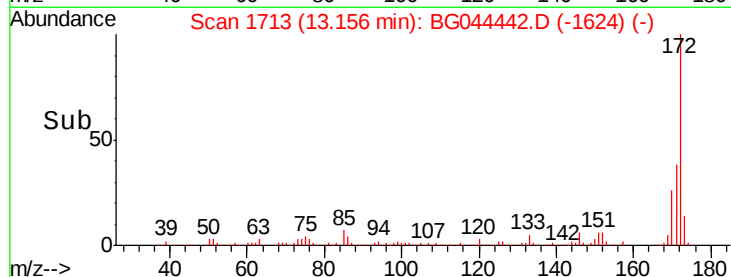
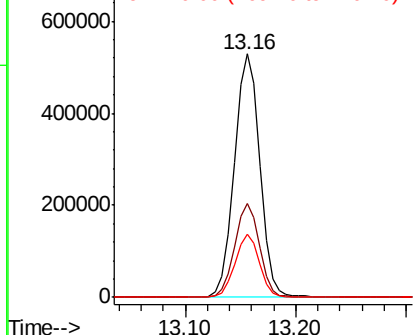
#45
2-Fluorobiphenyl
Concen: 74.722 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044442.D
Acq: 14 Feb 2020 17:20

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tot Ion:172 Resp: 856436
Ion Ratio Lower Upper
172 100
171 38.4 32.9 49.3
170 25.7 22.0 33.0

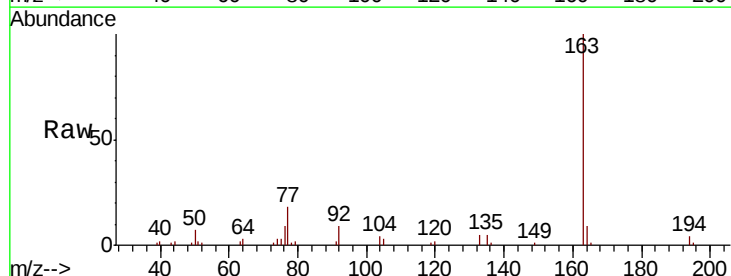


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

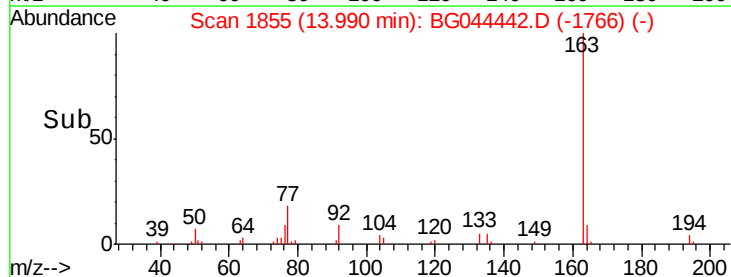
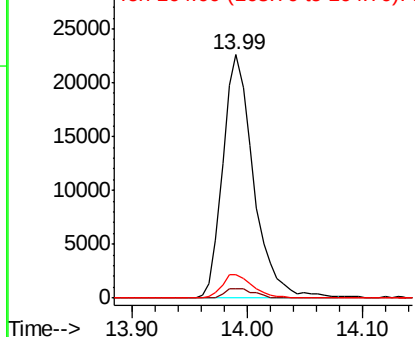


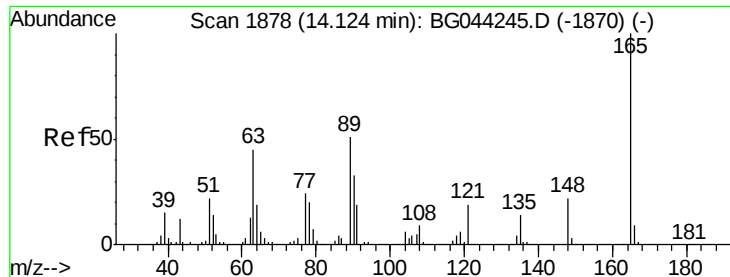
#50
Dimethylphthalate
Concen: 3.025 ng
RT: 13.99 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG044442.D
Acq: 14 Feb 2020 17:20

Tgt Ion:163 Resp: 41735
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 9.4 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

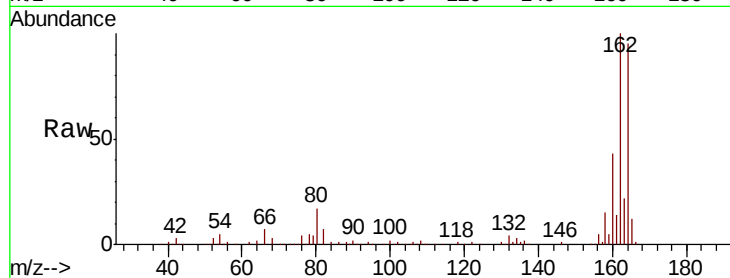




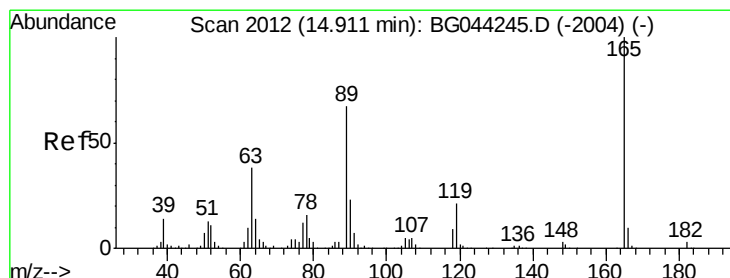
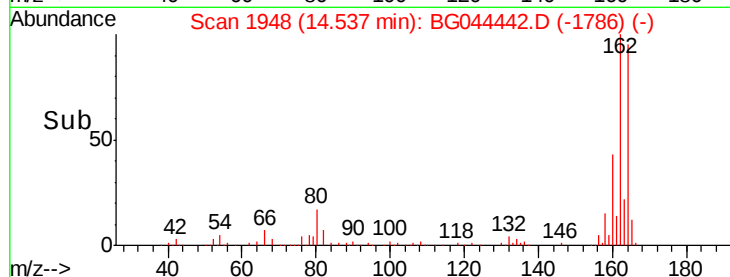
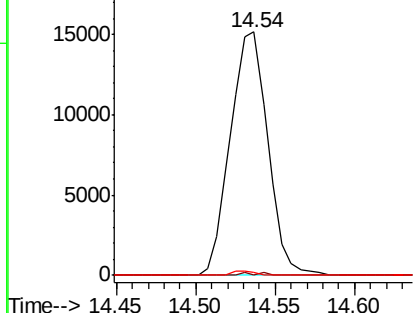
#51
 2,6-Dinitrotoluene
 Concen: 8.080 ng
 RT: 14.54 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG044442.D
 Acq: 14 Feb 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.4	40.4	60.6#

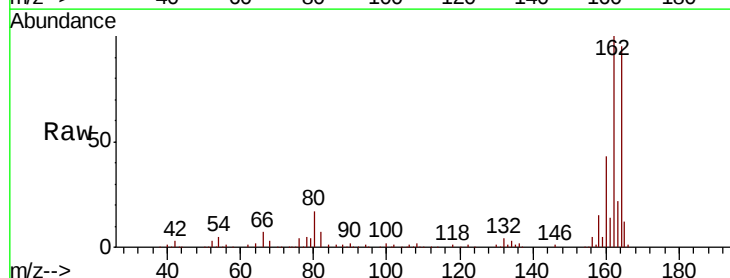


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

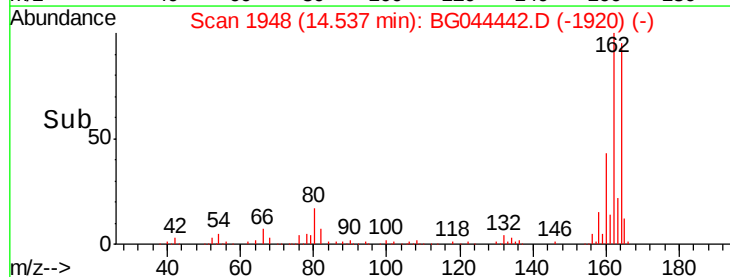
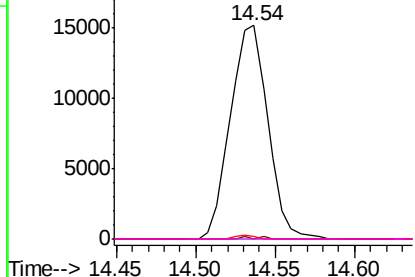


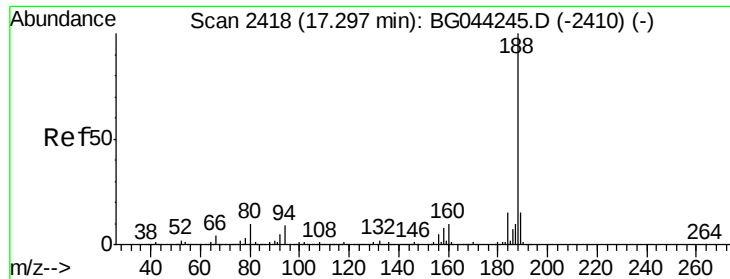
#57
 2,4-Dinitrotoluene
 Concen: 5.765 ng
 RT: 14.54 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG044442.D
 Acq: 14 Feb 2020 17:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.4	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

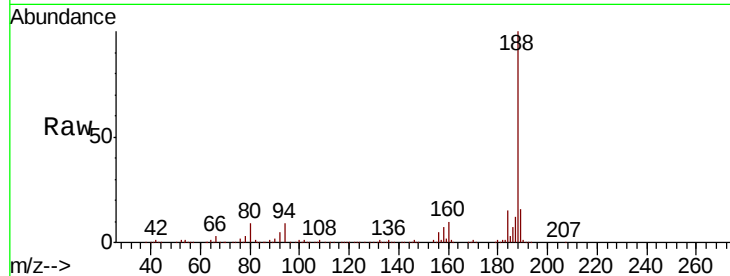




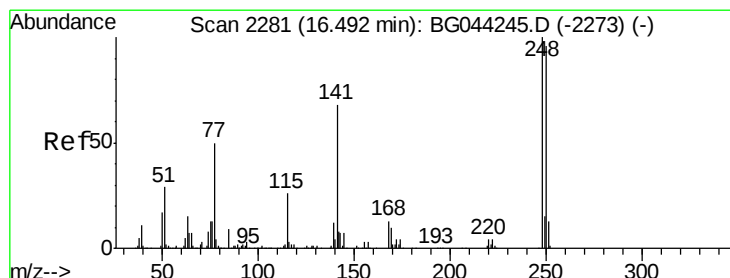
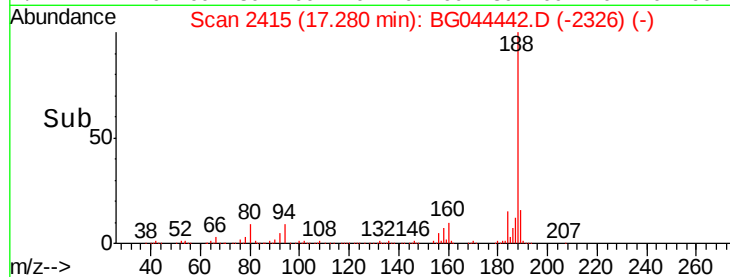
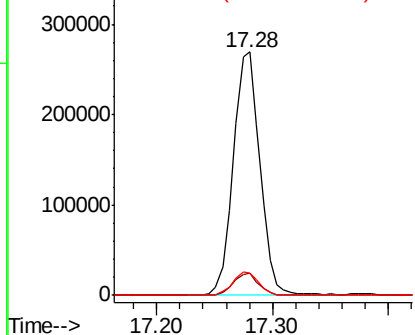
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044442.D
Acq: 14 Feb 2020 17:20

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tot Ion:188 Resp: 429652
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 9.0 7.7 11.5

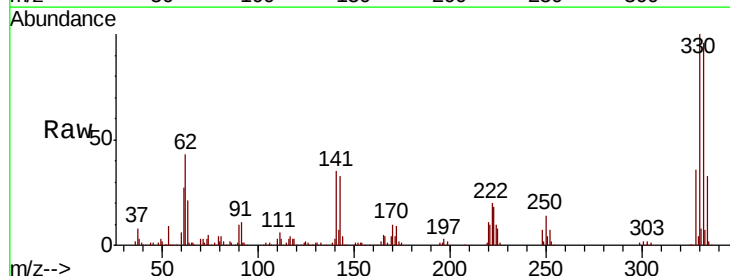


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

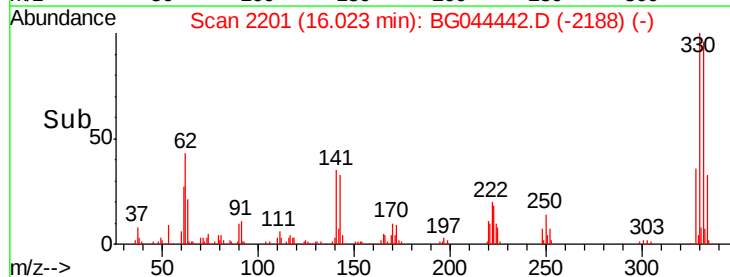
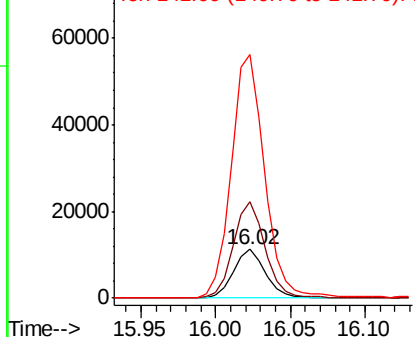


#67
4-Bromophenyl-phenylether
Concen: 3.615 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG044442.D
Acq: 14 Feb 2020 17:20

Tgt Ion:248 Resp: 16924
Ion Ratio Lower Upper
248 100
250 197.3 76.6 114.8#
141 497.7 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

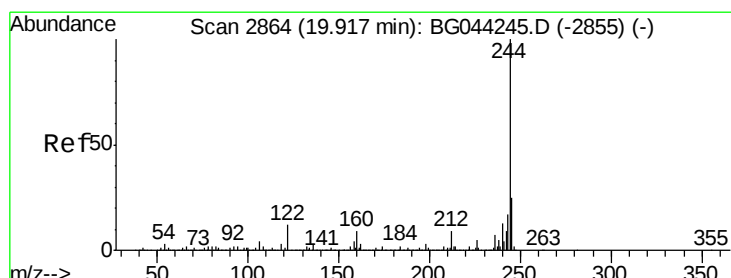
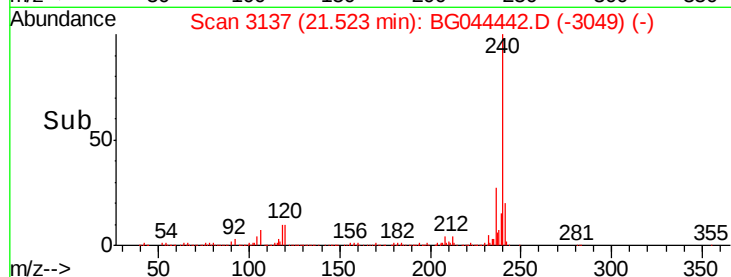
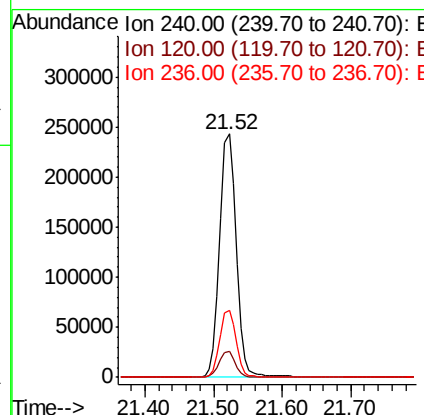
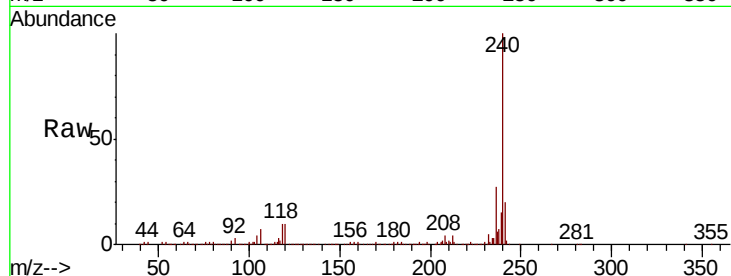




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG044442.D
 Acq: 14 Feb 2020 17:20

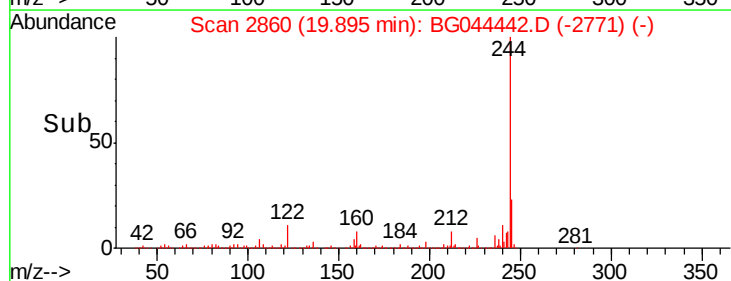
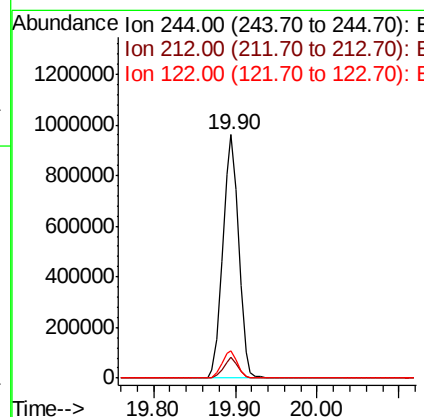
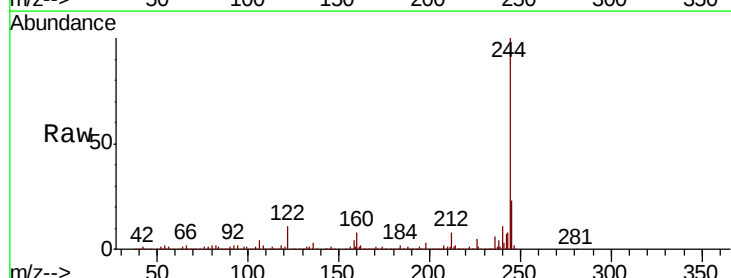
Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

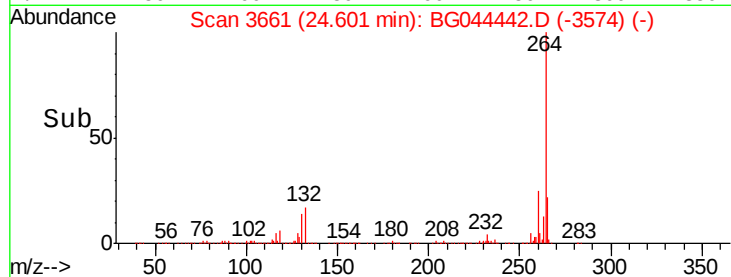
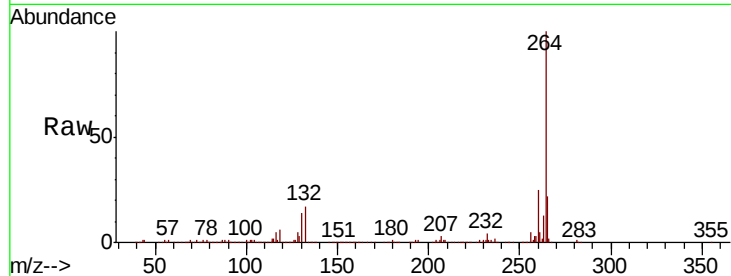
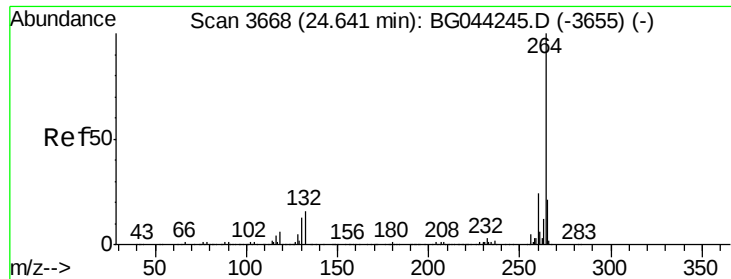
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	27.4	22.1	33.1



#79
 Terphenyl-d14
 Concen: 64.935 ng
 RT: 19.90 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044442.D
 Acq: 14 Feb 2020 17:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	11.2	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044442.D
Acq: 14 Feb 2020 17:20

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tot Ion:	264	Resp:	420799
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.8	16.7	25.1

