

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042543.D
 Acq On : 28 Aug 2019 21:53
 Operator : HP/JU
 Sample : K4536-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 05:59:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

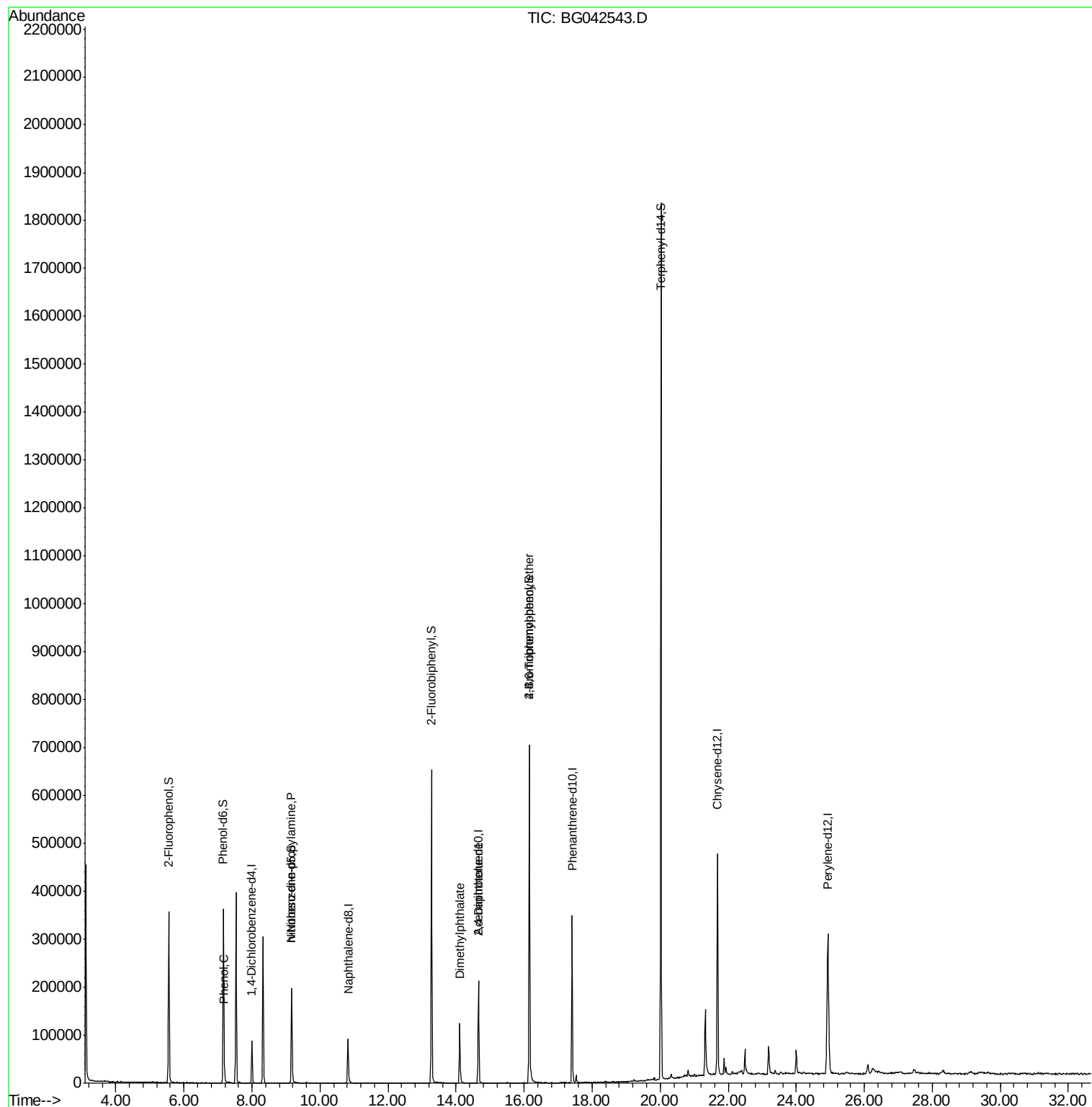
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29501	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	110784	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	89635	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	257263	20.00	ng	0.00
76) Chrysene-d12	21.68	240	308726	20.00	ng	-0.01
87) Perylene-d12	24.93	264	362694	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	187912	129.00	ng	0.00
7) Phenol-d6	7.16	99	248599	126.35	ng	-0.01
23) Nitrobenzene-d5	9.16	82	135400	84.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	200746	157.57	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	413069	77.94	ng	0.00
79) Terphenyl-d14	20.02	244	978978	68.56	ng	0.00
Target Compounds						
10) Phenol	7.19	94	5735	2.867	ng	81
19) n-Nitroso-di-n-propylamine	9.16	70	17773	13.943	ng	# 69
50) Dimethylphthalate	14.10	163	124732	19.286	ng	100
57) 2,4-Dinitrotoluene	14.66	165	11520	5.366	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13908	4.262	ng	# 1

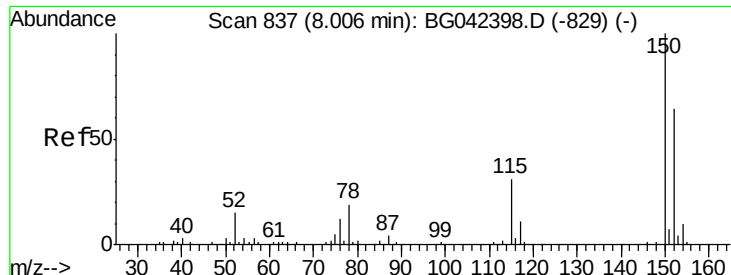
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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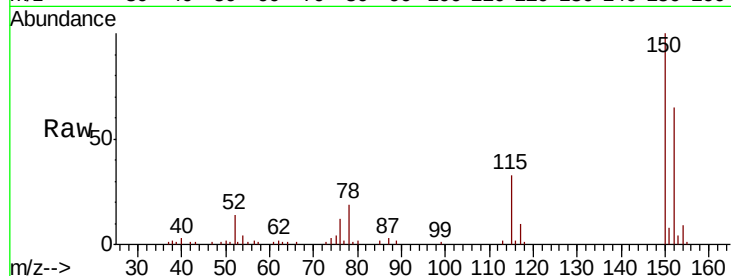


#1

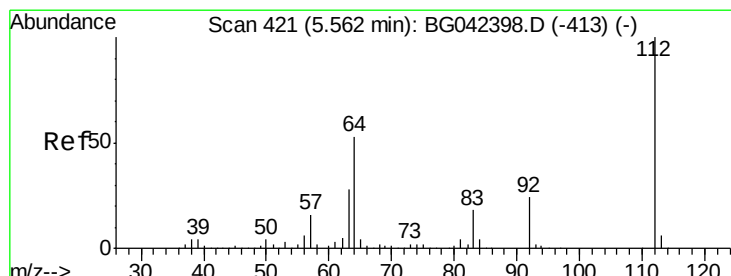
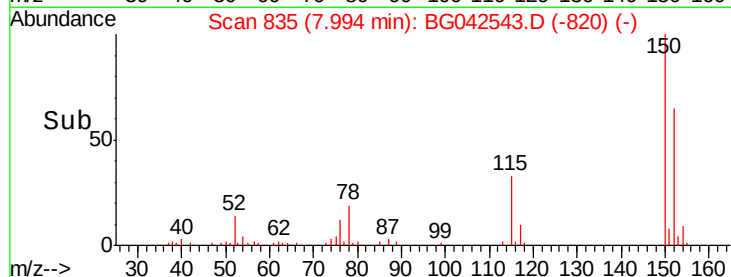
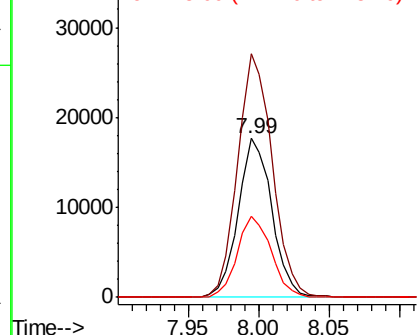
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042543.D
Acq: 28 Aug 2019 21:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29501
Ion Ratio Lower Upper
152 100
150 153.5 125.4 188.0
115 50.9 38.5 57.7



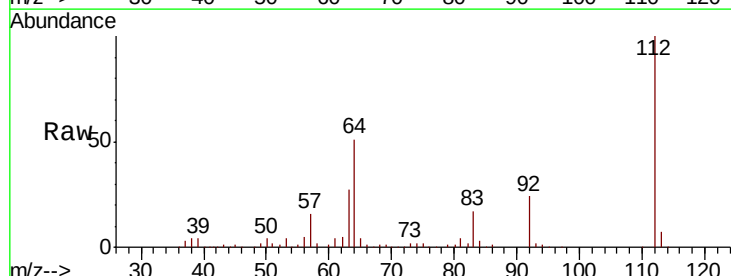
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



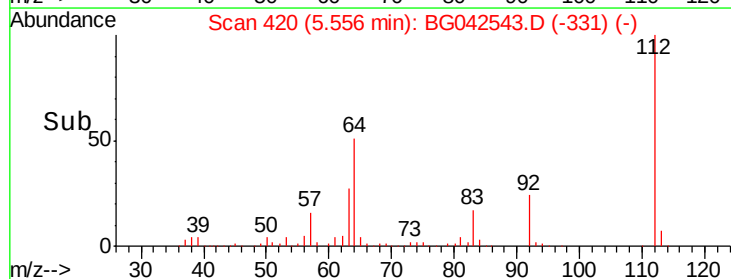
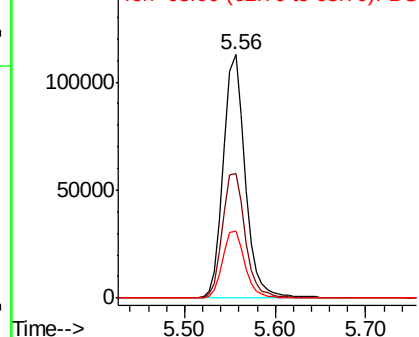
#5

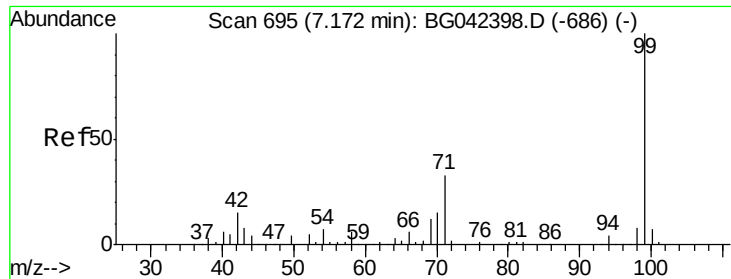
2-Fluorophenol
Concen: 129.005 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042543.D
Acq: 28 Aug 2019 21:53

Tgt Ion:112 Resp: 187912
Ion Ratio Lower Upper
112 100
64 51.3 42.8 64.2
63 27.3 22.7 34.1



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: 126.348 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Instrument :

BNA_G

ClientSampleId :

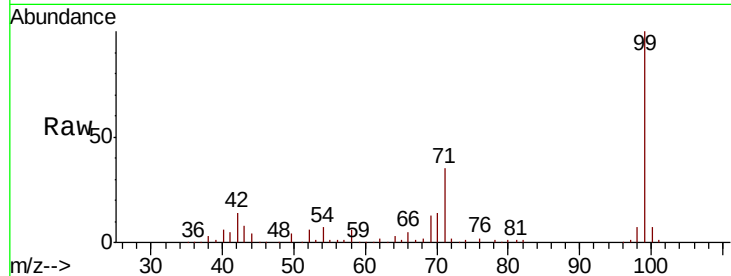
Tot Ion: 99 Resp: 248599

Ion Ratio Lower Upper

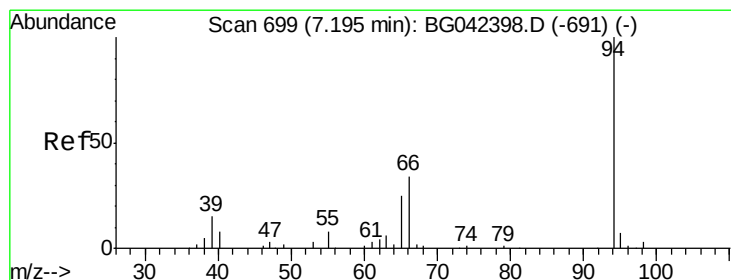
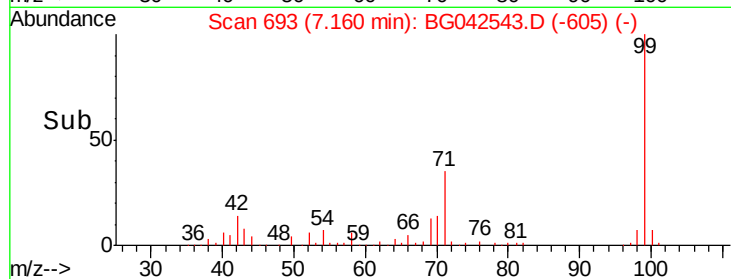
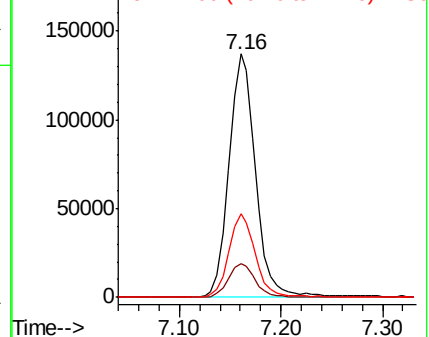
99 100

42 13.7 12.0 18.0

71 34.5 26.3 39.5



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: 2.867 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

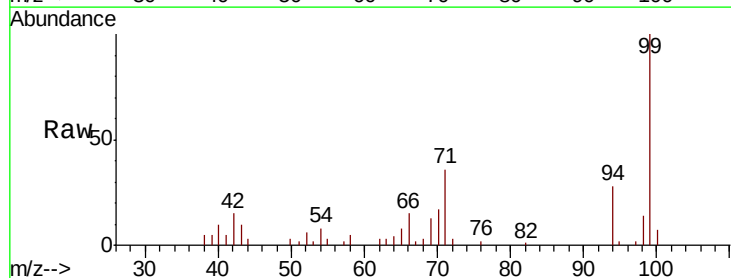
Tgt Ion: 94 Resp: 5735

Ion Ratio Lower Upper

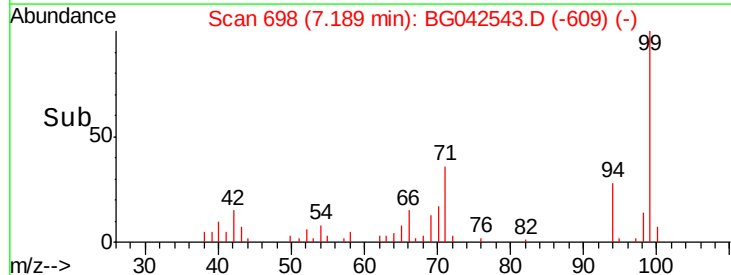
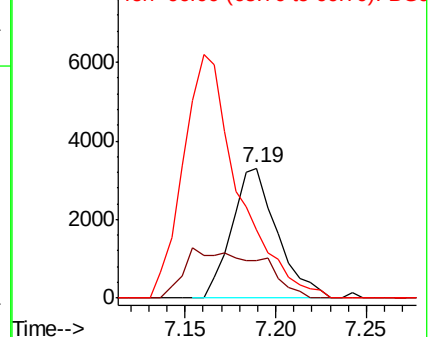
94 100

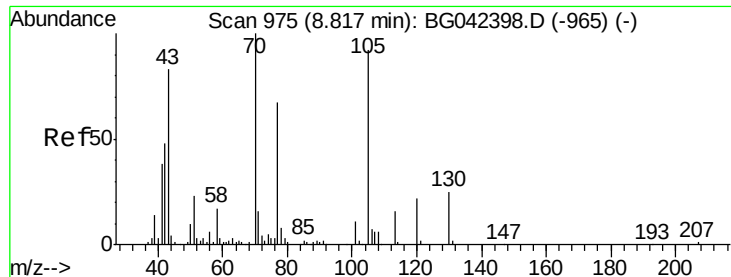
65 29.1 5.6 45.6

66 52.7 16.0 56.0



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: 13.943 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 17773

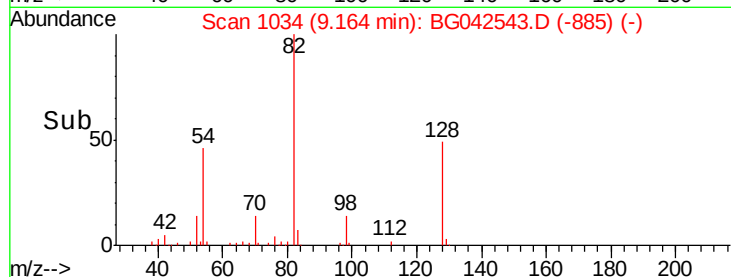
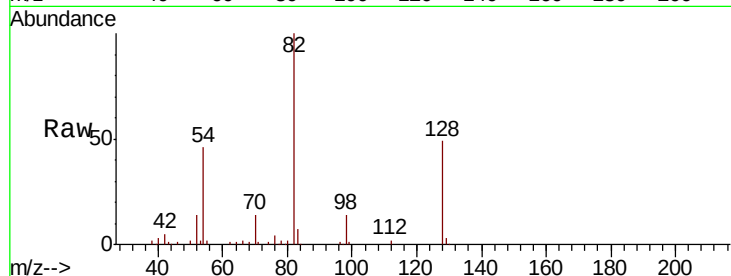
Ion Ratio Lower Upper

70 100

42 33.2 38.8 58.2#

101 0.0 9.0 13.6#

130 1.6 20.0 30.0#

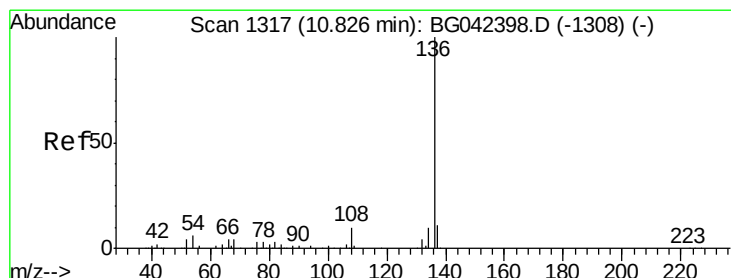
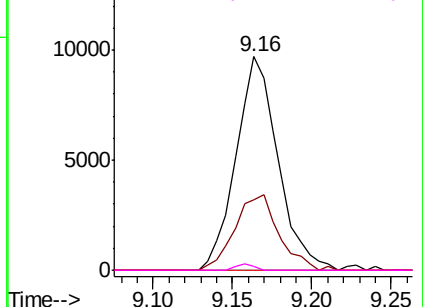


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Tgt Ion: 136 Resp: 110784

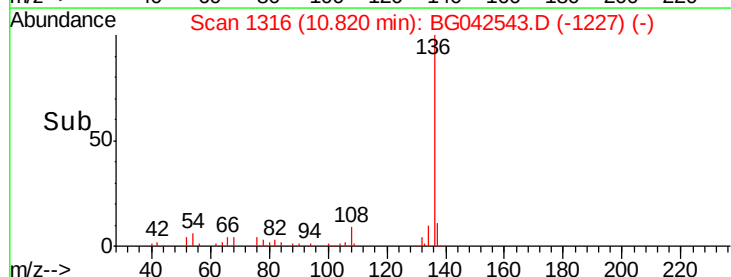
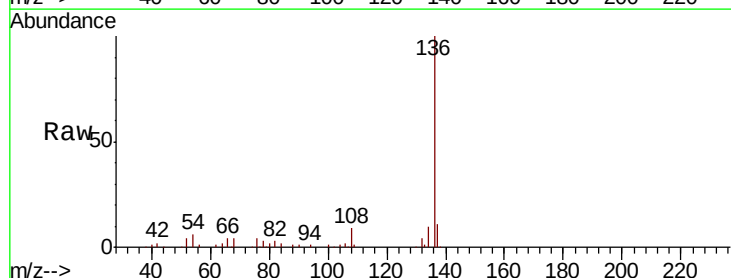
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.3 4.9 7.3

68 3.6 3.6 5.4

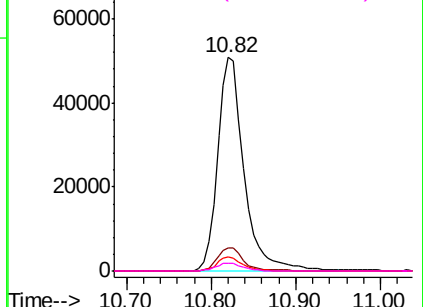


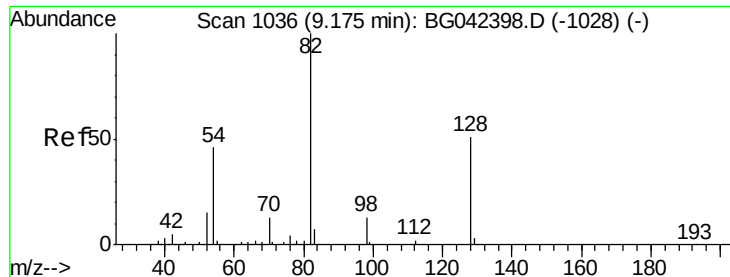
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

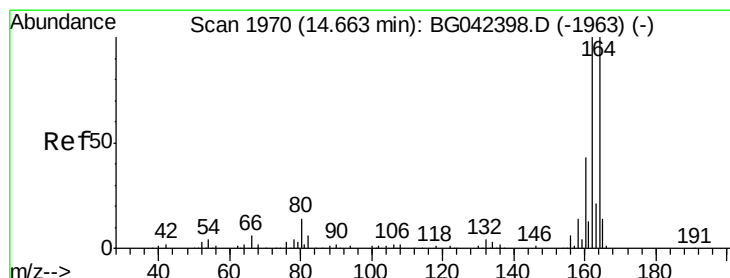
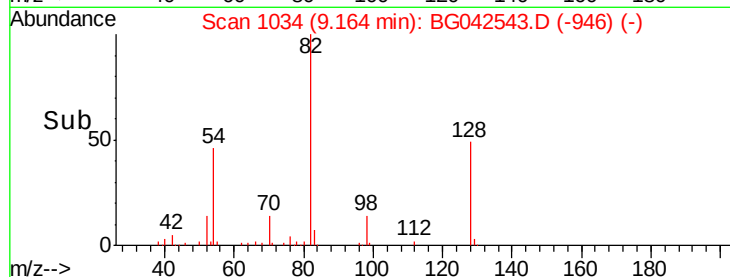
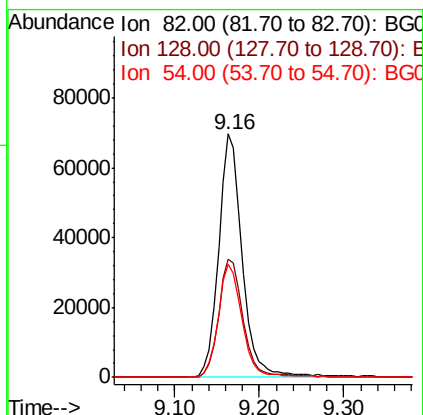
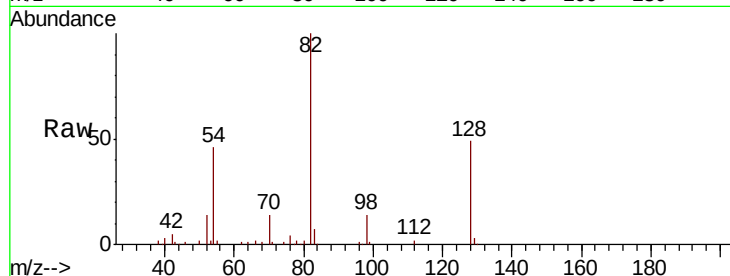




#23
 Nitrobenzene-d5
 Concen: 84.459 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042543.D
 Acq: 28 Aug 2019 21:53

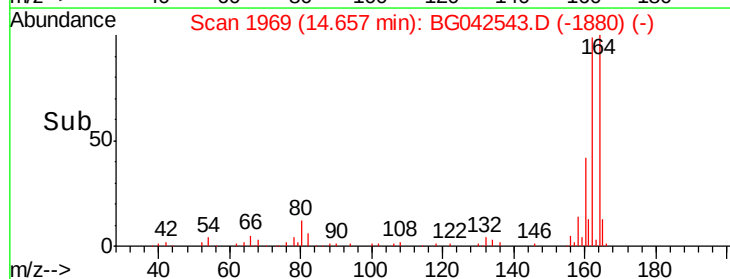
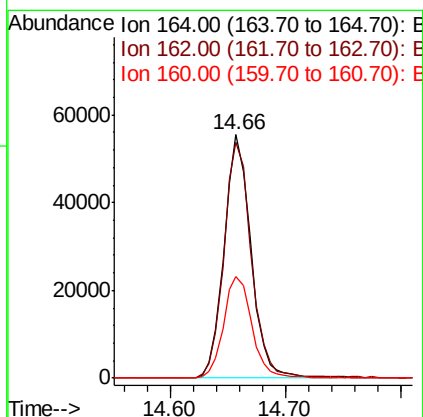
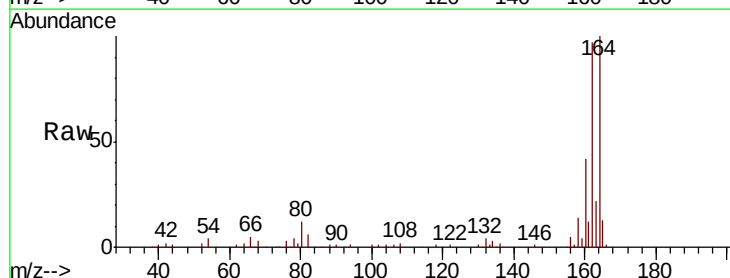
Instrument :
 BNA_G
 ClientSampled :

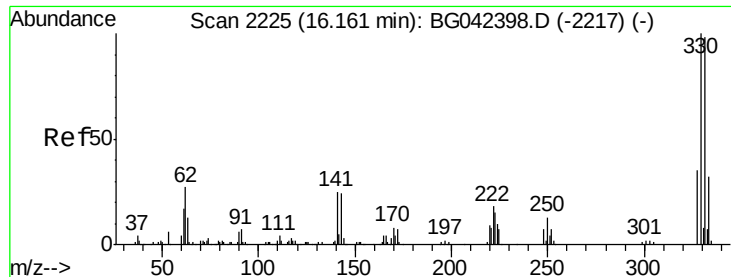
Tot Ion	82	Resp	135400
Ion Ratio	Lower	Upper	
82	100		
128	48.7	40.7	61.1
54	46.2	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042543.D
 Acq: 28 Aug 2019 21:53

Tgt Ion	164	Resp	89635
Ion Ratio	Lower	Upper	
164	100		
162	97.1	79.9	119.9
160	41.5	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 157.570 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Instrument :

BNA_G

ClientSampled :

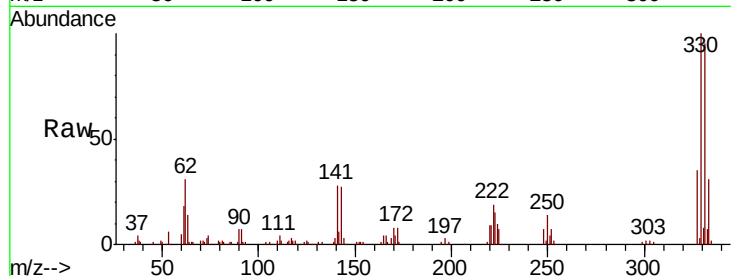
Tot Ion:330 Resp: 200746

Ion Ratio Lower Upper

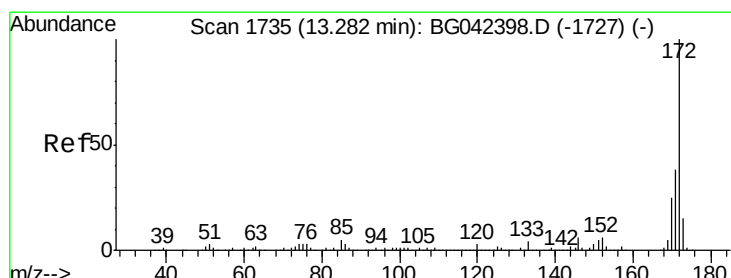
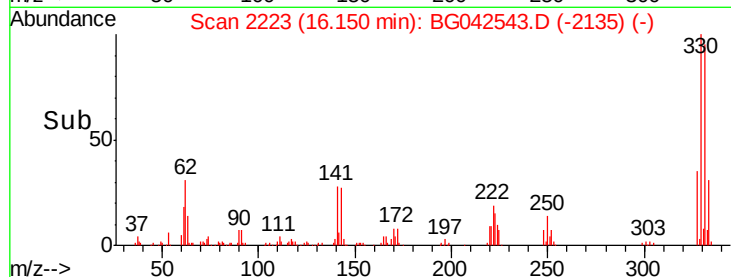
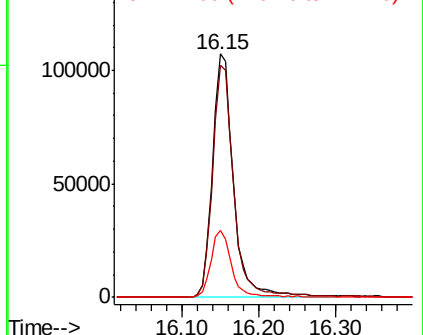
330 100

332 96.5 77.4 116.0

141 27.2 21.4 32.0



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: 77.940 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

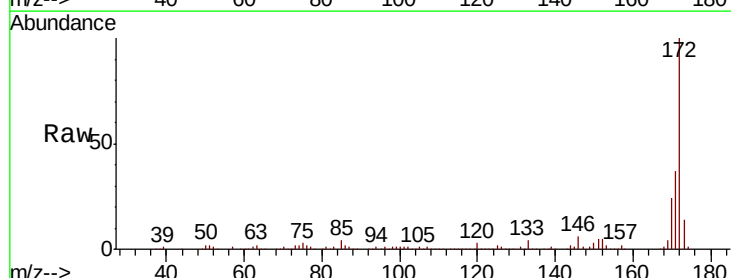
Tgt Ion:172 Resp: 413069

Ion Ratio Lower Upper

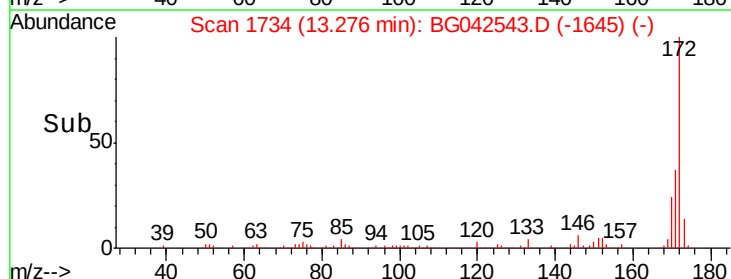
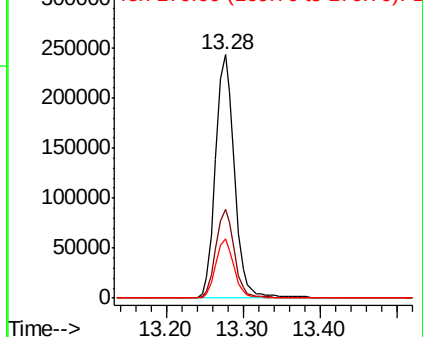
172 100

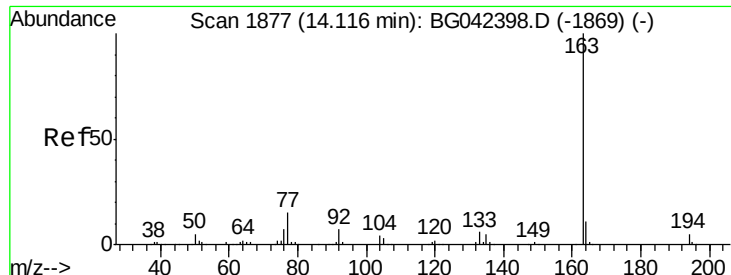
171 36.6 30.5 45.7

170 24.3 20.2 30.2



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: 19.286 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Instrument :

BNA_G

ClientSampleId :

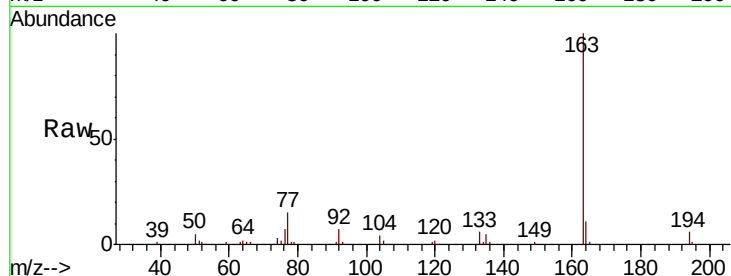
Tot Ion:163 Resp: 124732

Ion Ratio Lower Upper

163 100

194 5.5 4.2 6.2

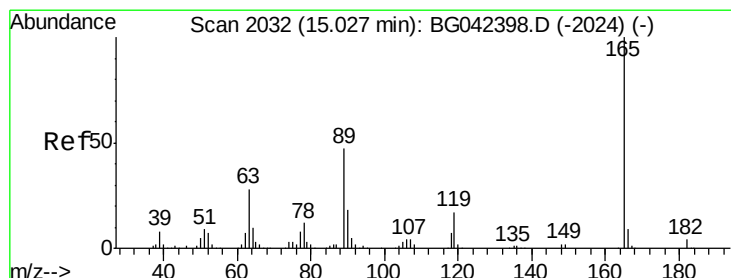
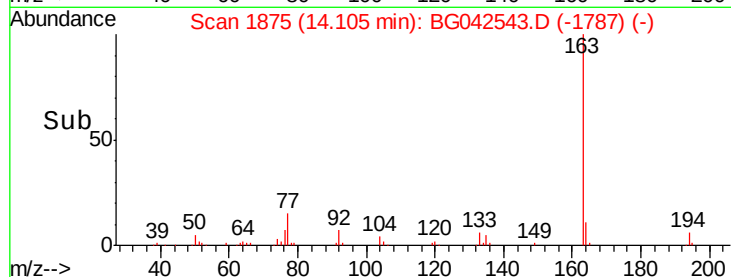
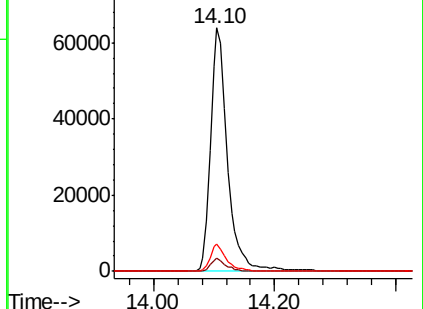
164 11.1 8.8 13.2



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



#57

2,4-Dinitrotoluene

Concen: 5.366 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.37 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Tgt Ion:165 Resp: 11520

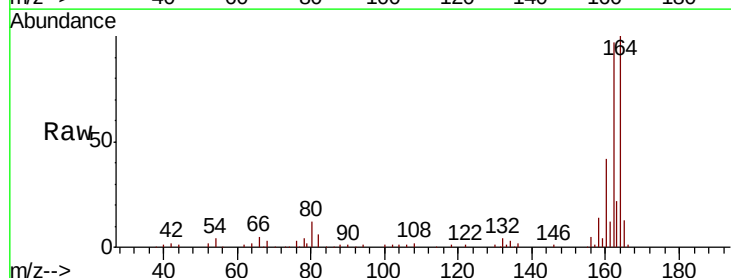
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#

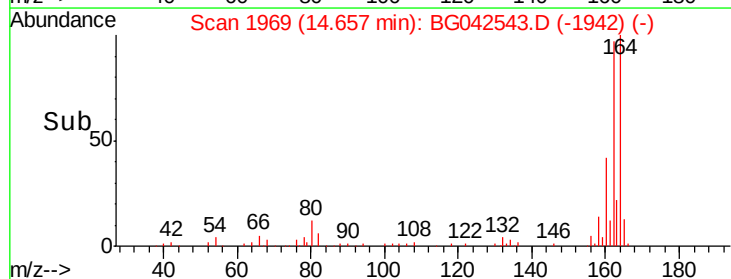
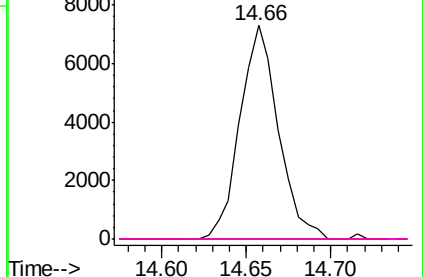


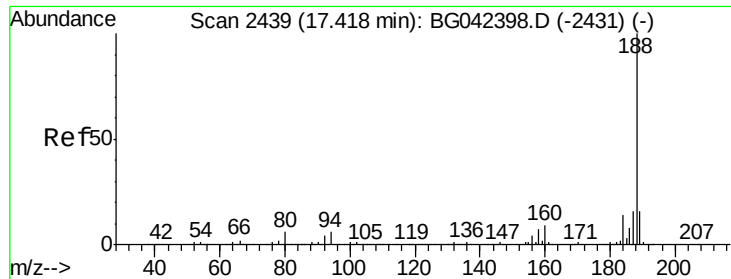
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Instrument :

BNA_G

ClientSampleId :

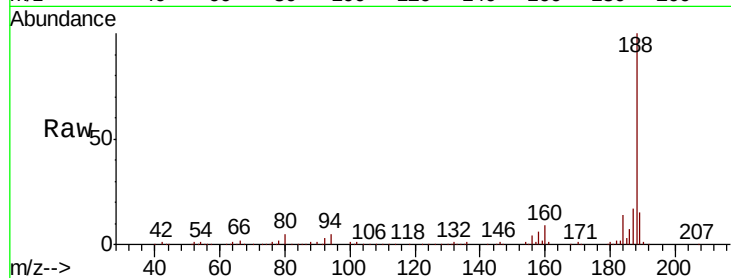
Tot Ion:188 Resp: 257263

Ion Ratio Lower Upper

188 100

94 4.7 4.5 6.7

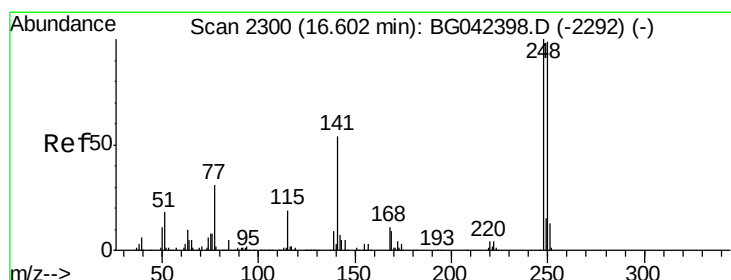
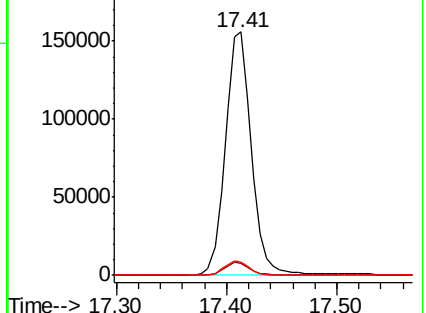
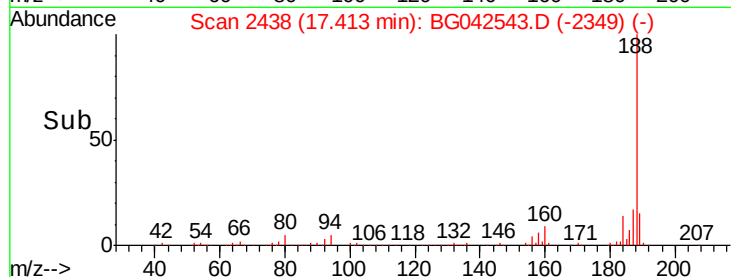
80 5.3 4.9 7.3



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: 4.262 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

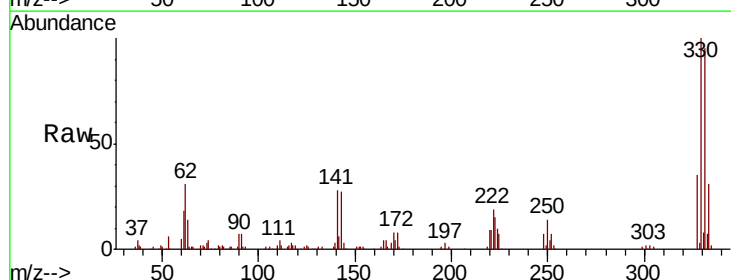
Tgt Ion:248 Resp: 13908

Ion Ratio Lower Upper

248 100

250 196.4 78.9 118.3#

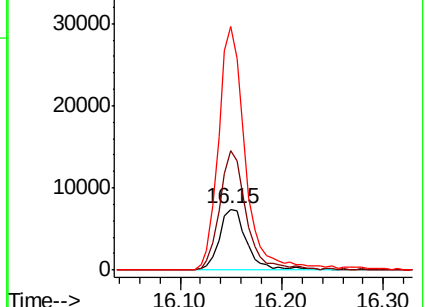
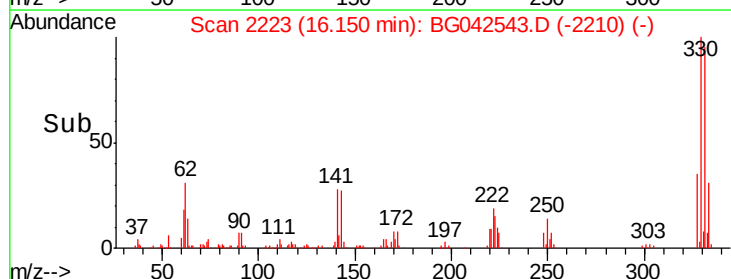
141 399.7 43.3 64.9#

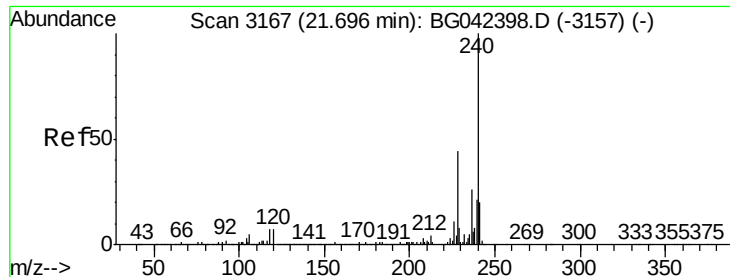


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

Instrument :

BNA_G

ClientSampled :

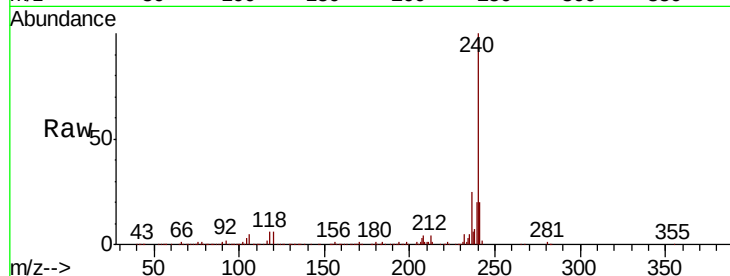
Tot Ion:240 Resp: 308726

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

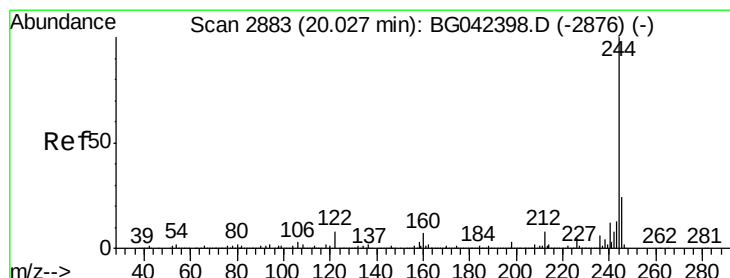
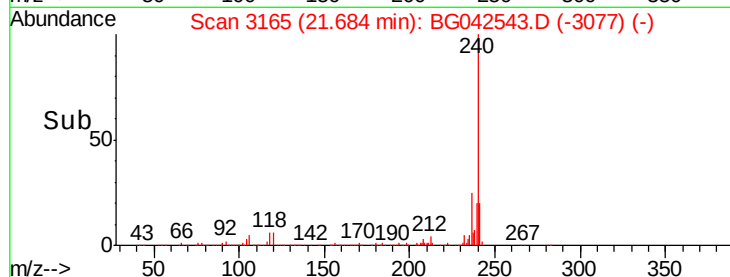
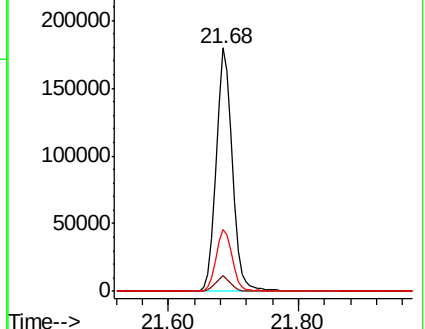
236 25.5 21.0 31.4



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: 68.555 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042543.D

Acq: 28 Aug 2019 21:53

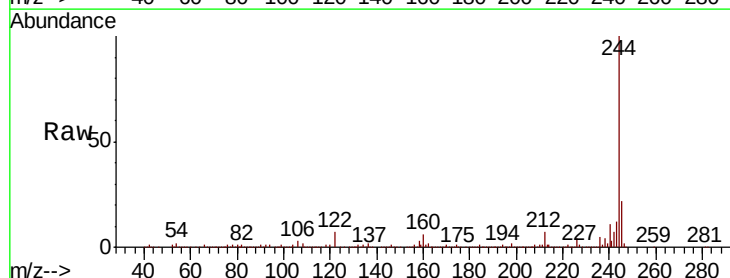
Tgt Ion:244 Resp: 978978

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

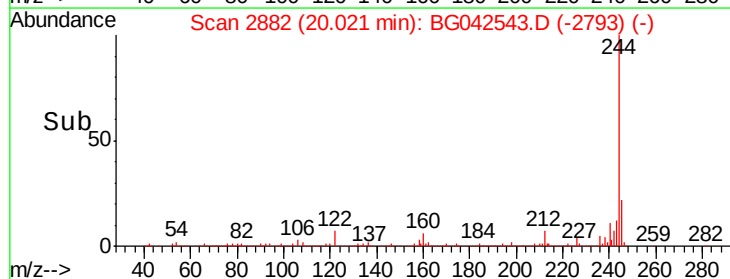
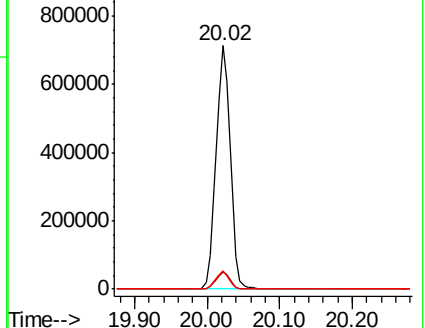
122 7.3 6.7 10.1

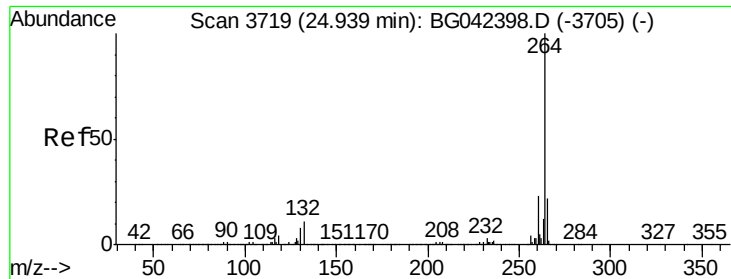


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

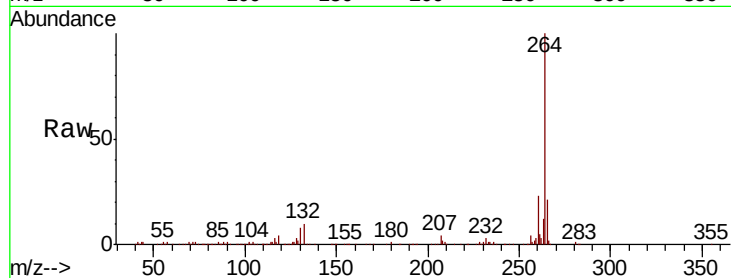




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042543.D
Acq: 28 Aug 2019 21:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.2	17.6	26.4



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

