

Data File : BG044643.D
Acq On : 2 Mar 2020 21:46
Operator : CG/JU
Sample : L1744-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Time: Mar 03 06:16:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

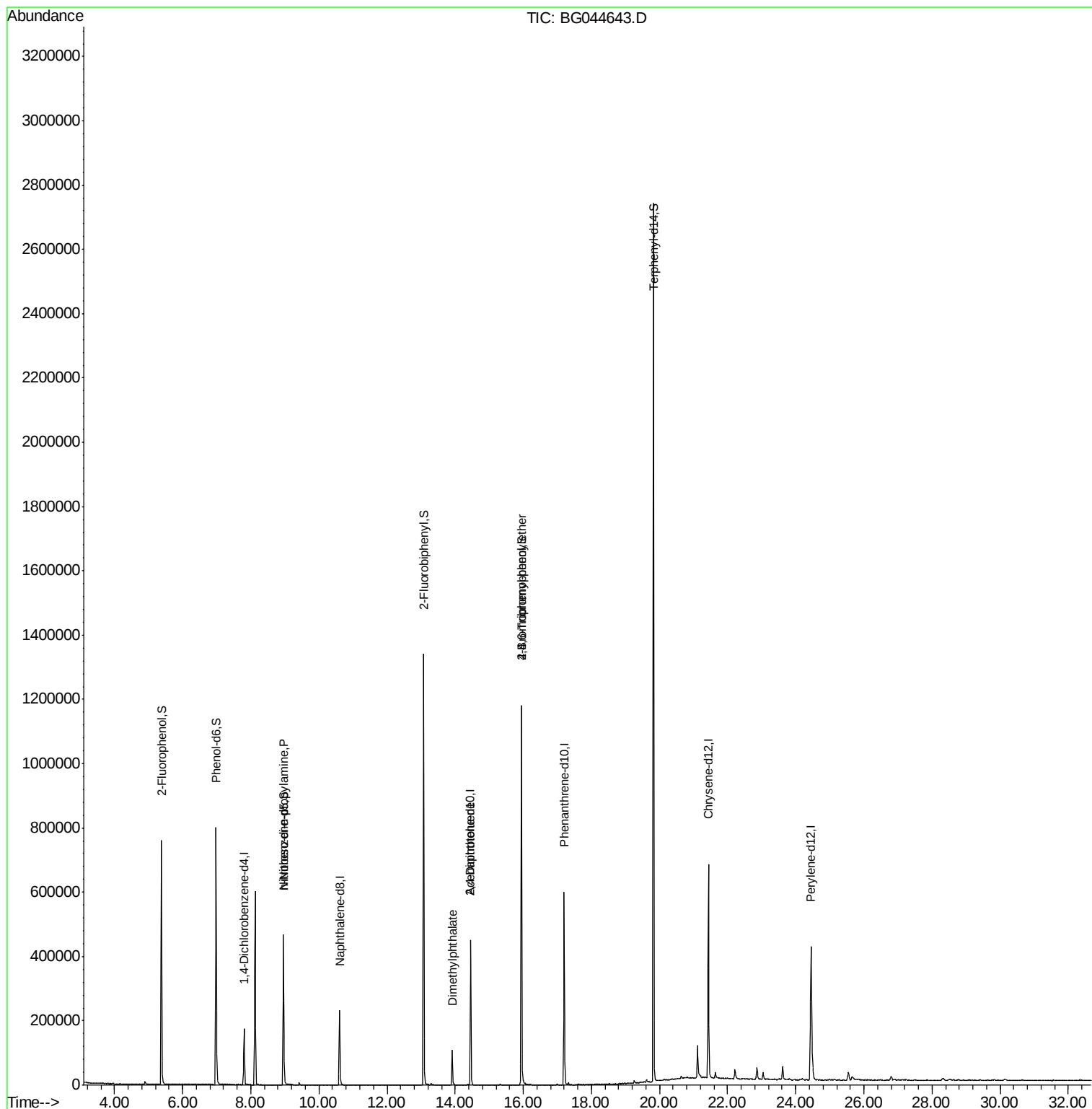
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	48121	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	222248	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	163820	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	394579	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	377471	20.00	ng	-0.07
87) Perylene-d12	24.45	264	426303	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	361689	120.60	ng	-0.07
7) Phenol-d6	6.98	99	498295	121.38	ng	-0.07
23) Nitrobenzene-d5	8.96	82	299430	69.41	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	240994	103.75	ng	-0.06
45) 2-Fluorobiphenyl	13.07	172	739911	64.68	ng	-0.06
79) Terphenyl-d14	19.82	244	1327415	66.57	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	37559	14.233	ng	Qvalue # 78
50) Dimethylphthalate	13.91	163	87389	6.609	ng	# 97
57) 2,4-Dinitrotoluene	14.45	165	21776	5.311	ng	# 28
67) 4-Bromophenyl-phenylether	15.95	248	15614	3.188	ng	# 1

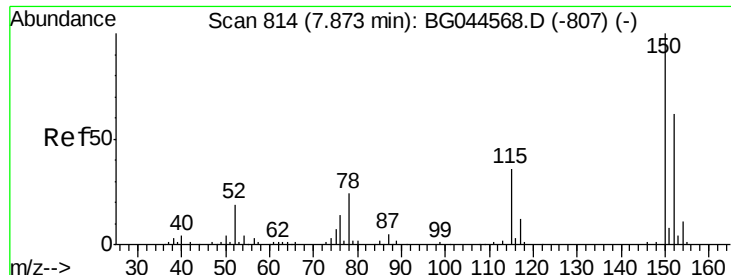
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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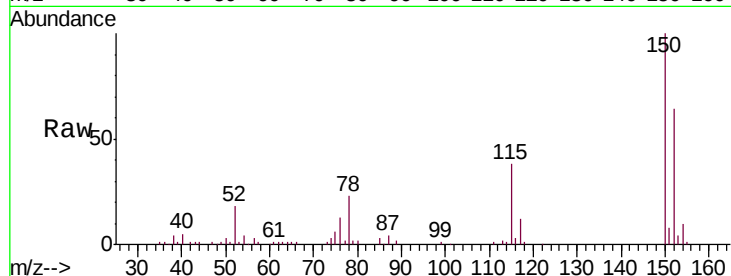


#1

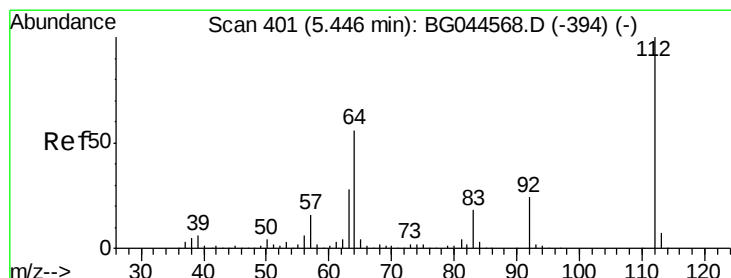
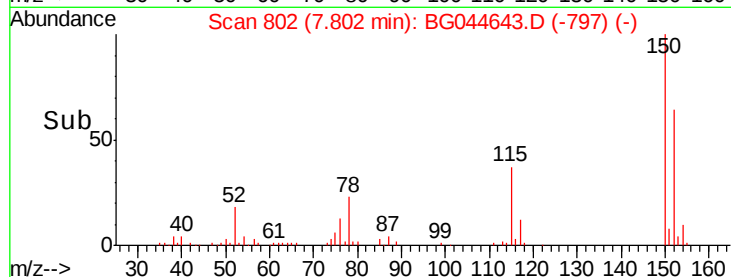
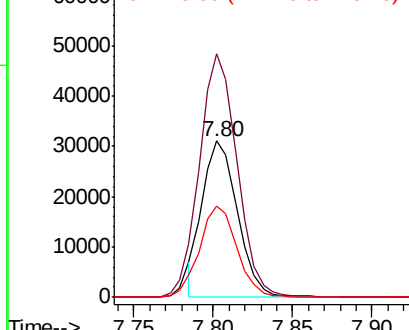
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.07 min
Lab File: BG044643.D
Acq: 2 Mar 2020 21:46

Instrument :
BNA_G
ClientSampled :
TP-4

Tgt Ion:152 Resp: 48121
Ion Ratio Lower Upper
152 100
150 156.0 128.9 193.3
115 58.6 47.0 70.4



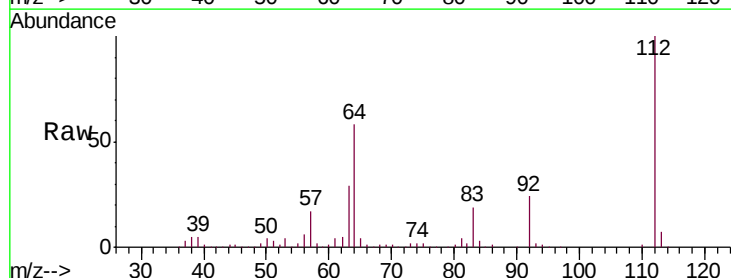
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



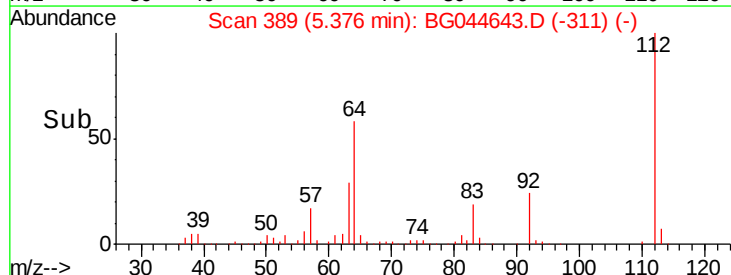
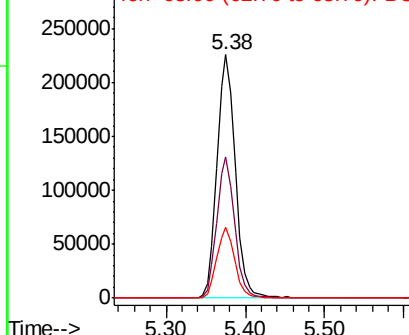
#5

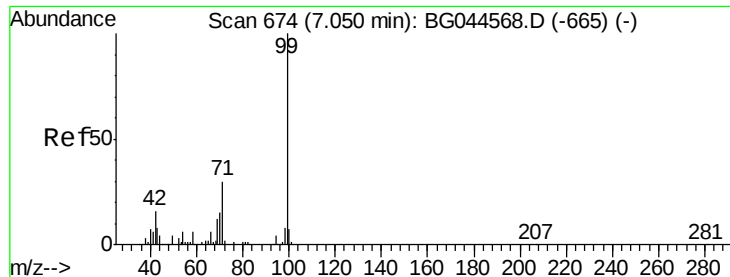
2-Fluorophenol
Concen: 120.596 ng
RT: 5.38 min Scan# 389
Delta R.T. -0.07 min
Lab File: BG044643.D
Acq: 2 Mar 2020 21:46

Tgt Ion:112 Resp: 361689
Ion Ratio Lower Upper
112 100
64 57.8 44.8 67.2
63 29.1 22.3 33.5



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: 121.378 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044643.D

Acq: 2 Mar 2020 21:46

Instrument :

BNA_G

ClientSampleId :

TP-4

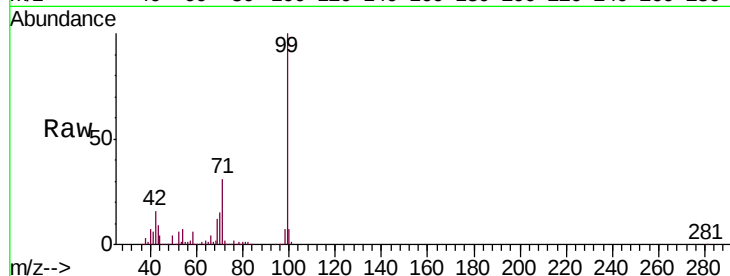
Tgt Ion: 99 Resp: 498295

Ion Ratio Lower Upper

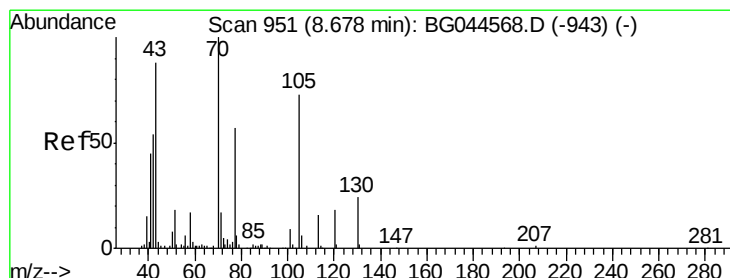
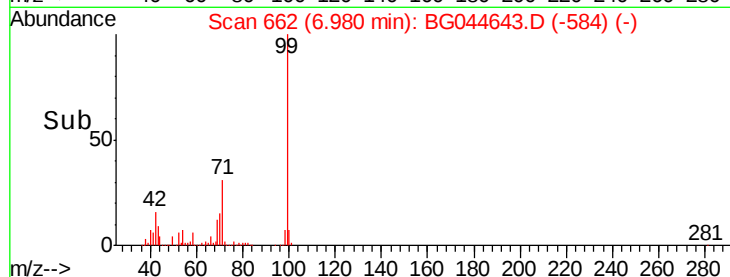
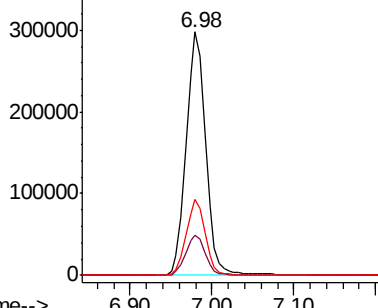
99 100

42 16.5 12.8 19.2

71 31.3 24.4 36.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.233 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044643.D

Acq: 2 Mar 2020 21:46

Tgt Ion: 70 Resp: 37559

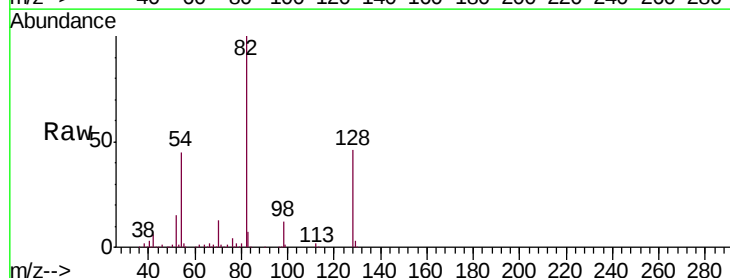
Ion Ratio Lower Upper

70 100

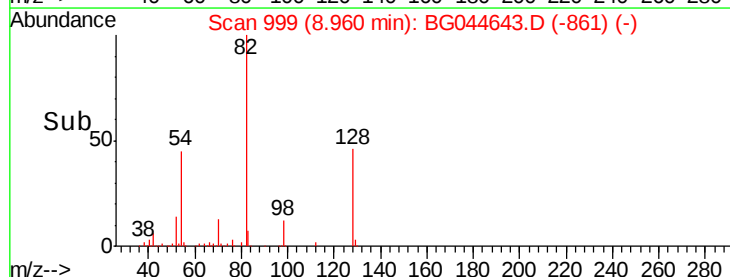
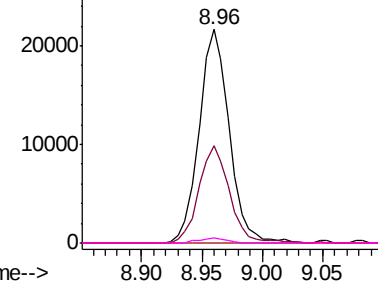
42 45.9 43.4 65.0

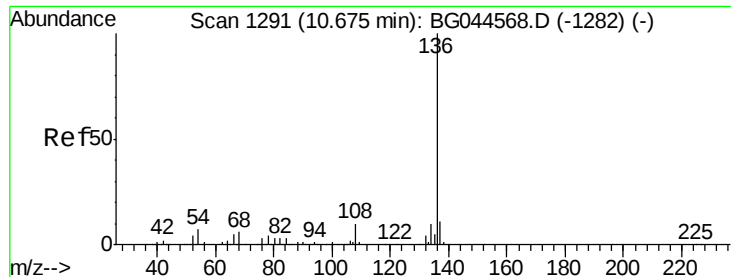
101 0.0 7.5 11.3#

130 2.1 18.9 28.3#



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

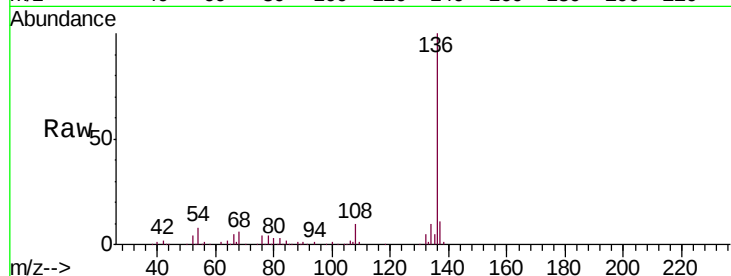




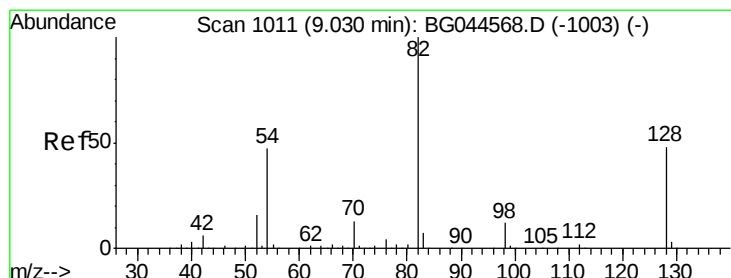
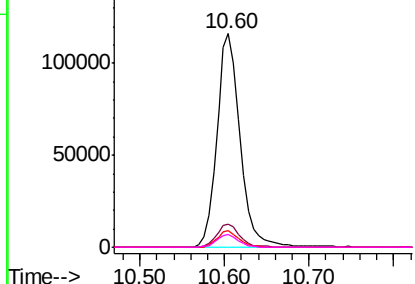
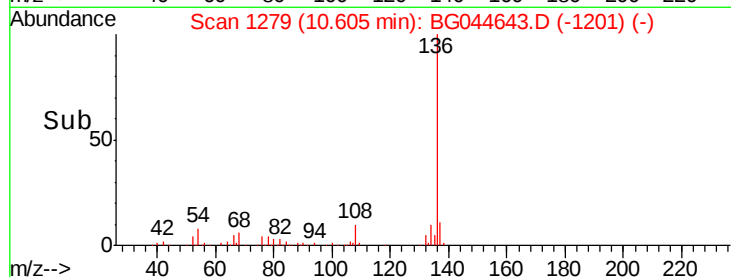
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044643.D
Acq: 2 Mar 2020 21:46

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:	136	Resp:	222248
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	5.7	8.5
68	5.9	4.5	6.7

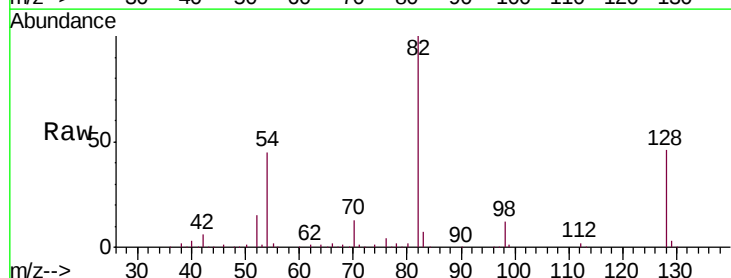


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

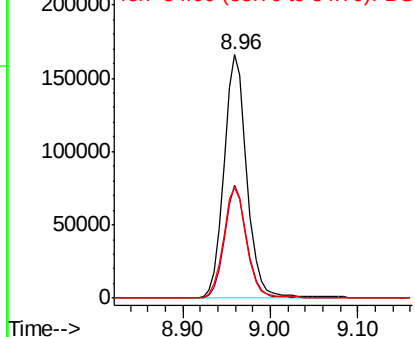
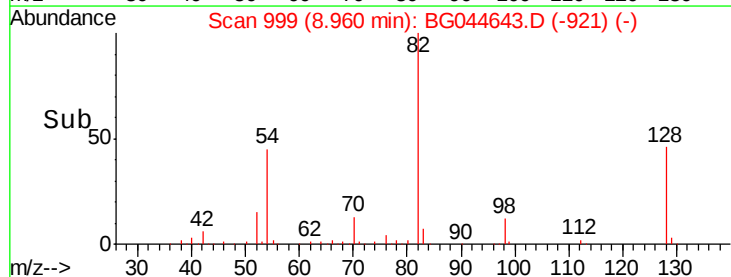


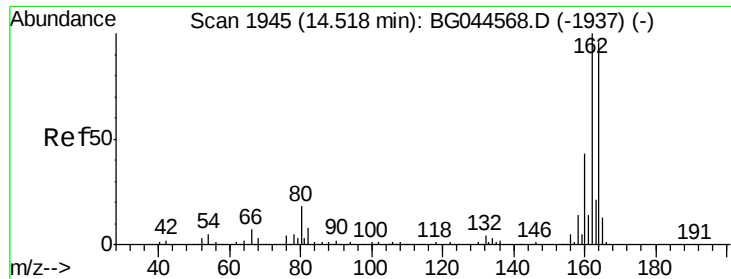
#23
Nitrobenzene-d5
Concen: 69.410 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044643.D
Acq: 2 Mar 2020 21:46

Tgt Ion:	82	Resp:	299430
Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.1	57.1
54	45.5	37.5	56.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.06 min

Lab File: BG044643.D

Acq: 2 Mar 2020 21:46

Instrument :

BNA_G

ClientSampled :

TP-4

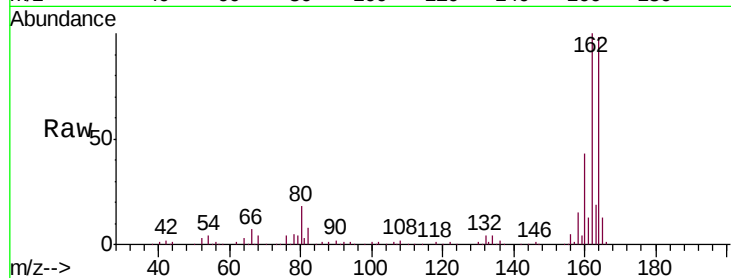
Tgt Ion:164 Resp: 163820

Ion Ratio Lower Upper

164 100

162 102.0 83.6 125.4

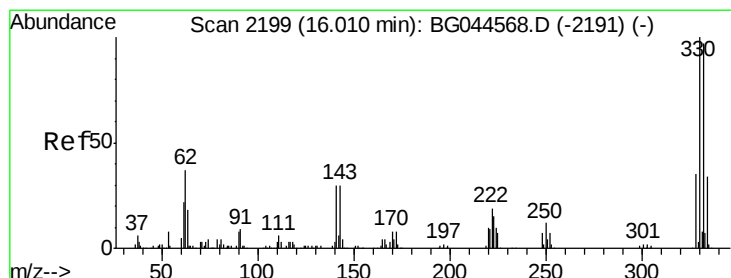
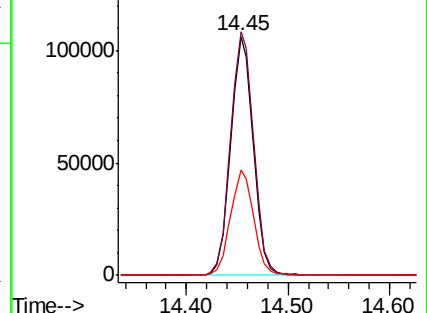
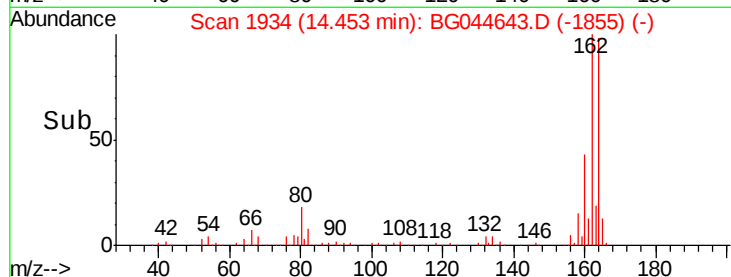
160 44.2 36.2 54.4



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: 103.750 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.06 min

Lab File: BG044643.D

Acq: 2 Mar 2020 21:46

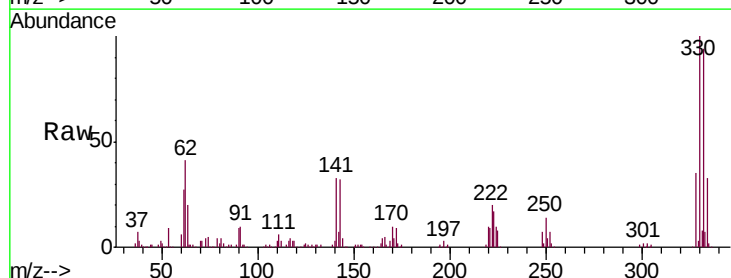
Tgt Ion:330 Resp: 240994

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

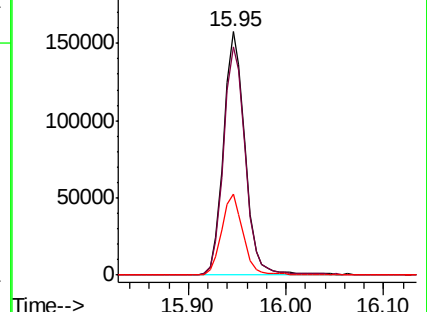
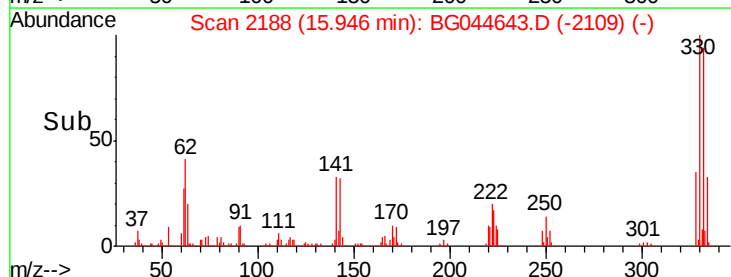
141 33.1 26.1 39.1

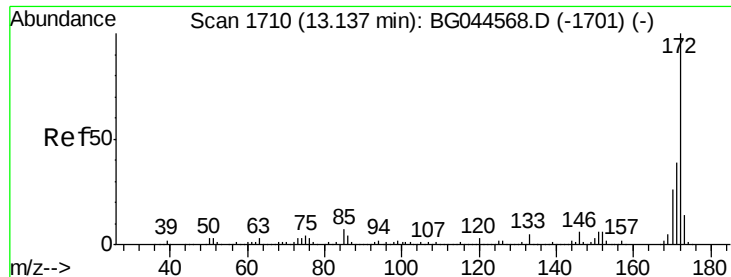


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

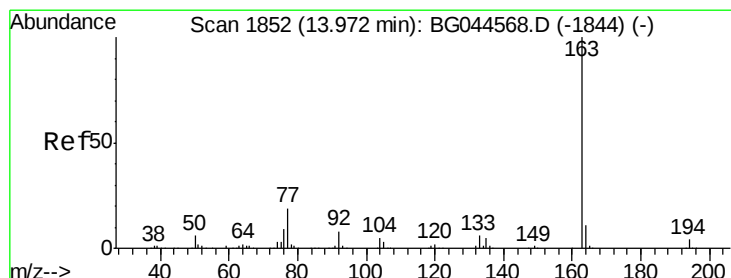
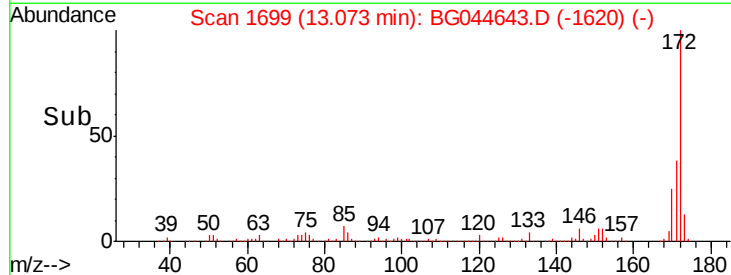
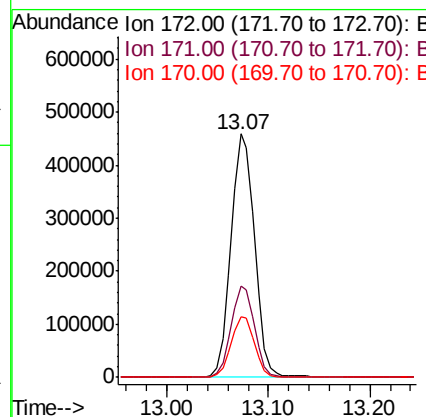
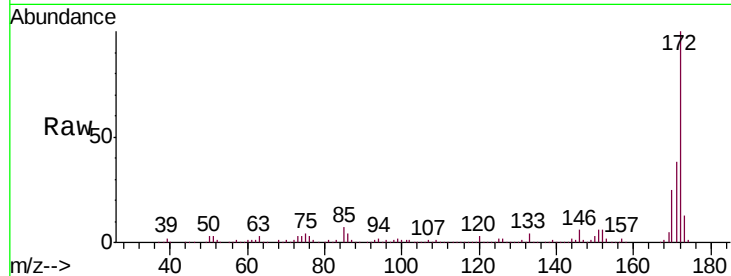




#45
 2-Fluorobiphenyl
 Concen: 64.677 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.06 min
 Lab File: BG044643.D
 Acq: 2 Mar 2020 21:46

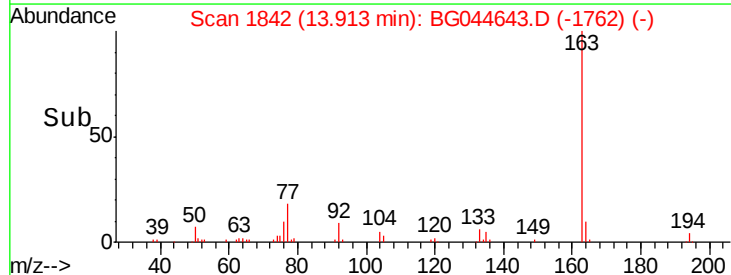
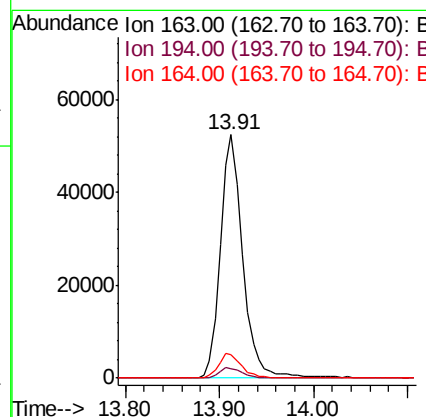
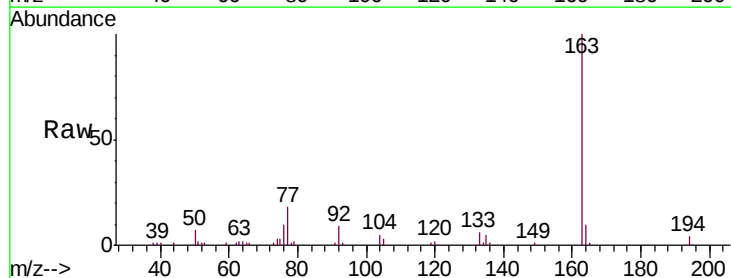
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

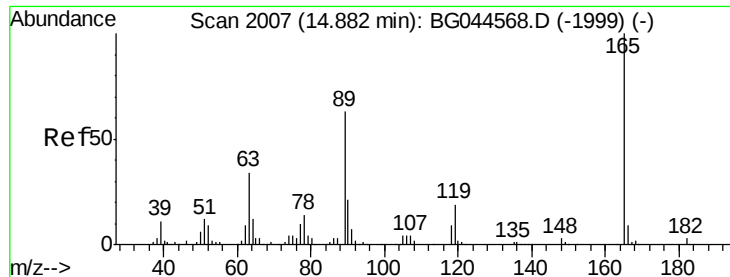
Tgt Ion:172 Resp: 739911
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 24.9 21.0 31.4



#50
 Dimethylphthalate
 Concen: 6.609 ng
 RT: 13.91 min Scan# 1842
 Delta R.T. -0.06 min
 Lab File: BG044643.D
 Acq: 2 Mar 2020 21:46

Tgt Ion:163 Resp: 87389
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.4 5.0
 164 9.7 8.7 13.1

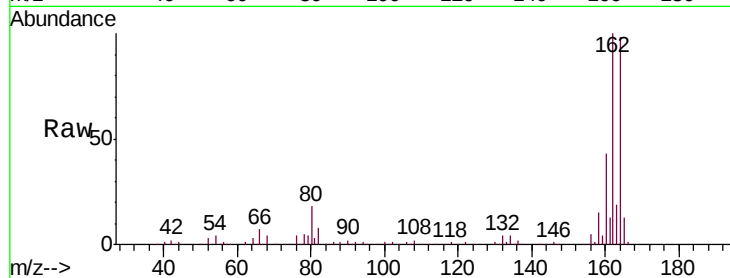




#57
 2,4-Dinitrotoluene
 Concen: 5.311 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.43 min
 Lab File: BG044643.D
 Acq: 2 Mar 2020 21:46

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.5	41.3#
89	0.0	50.0	75.0#
182	0.0	2.3	3.5#



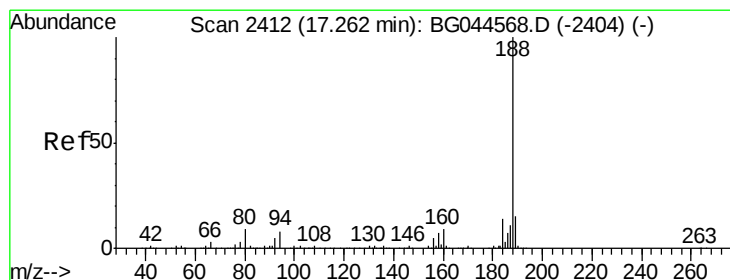
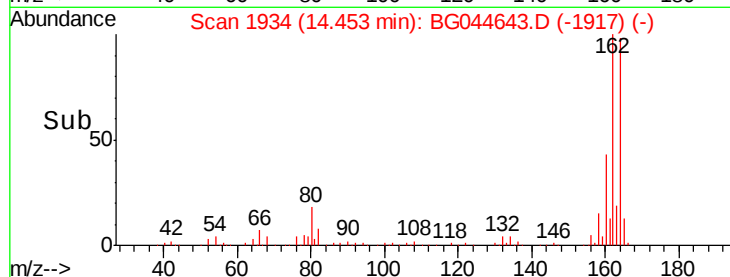
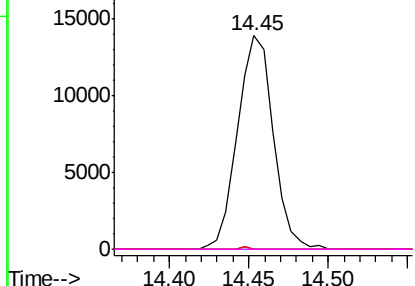
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

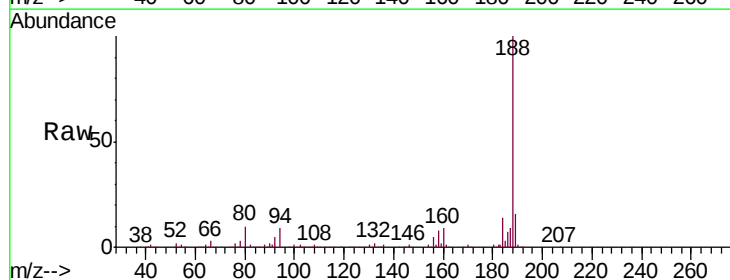
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2401
 Delta R.T. -0.06 min
 Lab File: BG044643.D
 Acq: 2 Mar 2020 21:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.7	10.1
80	9.6	7.6	11.4

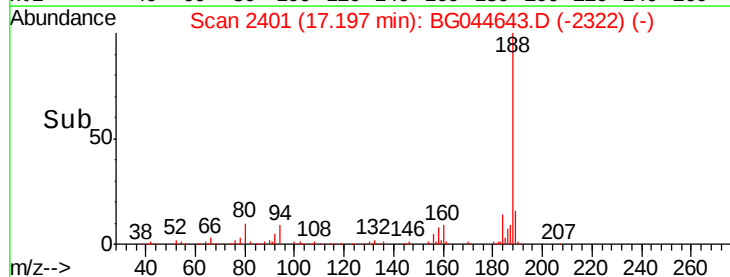
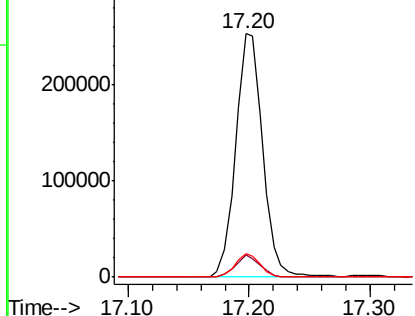


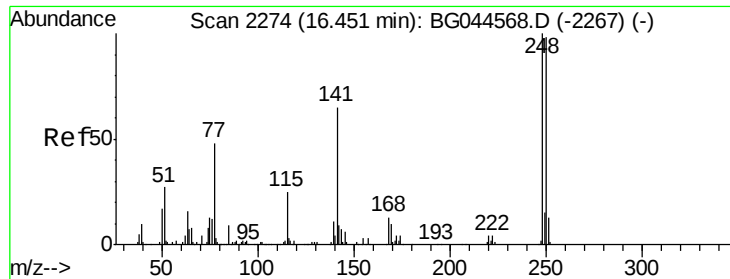
Abundance

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

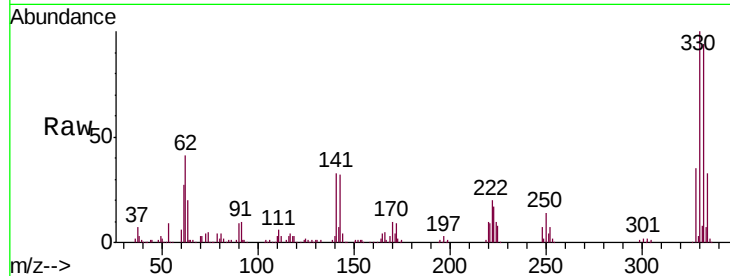




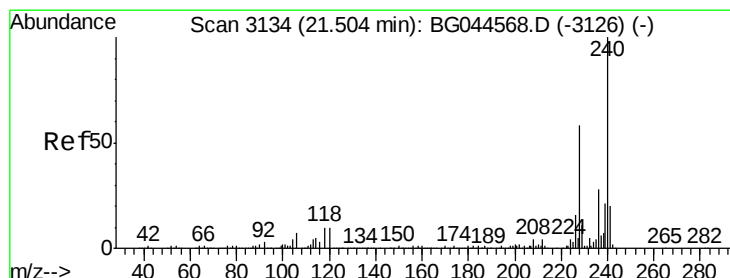
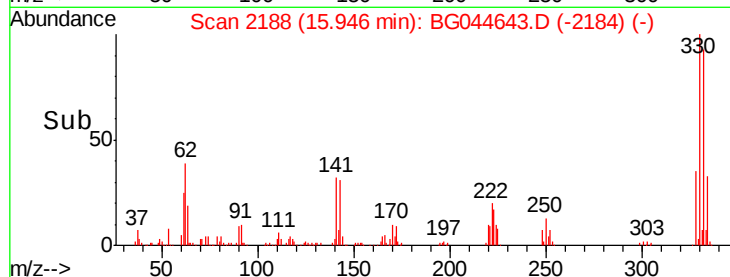
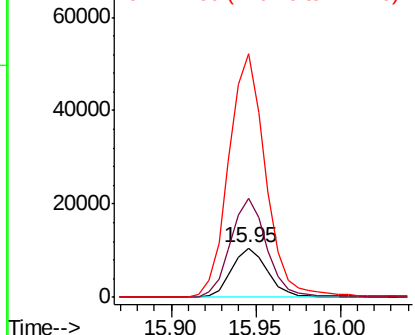
#67
4-Bromophenyl-phenylether
Concen: 3.188 ng
RT: 15.95 min Scan# 2188
Delta R.T. -0.51 min
Lab File: BG044643.D
Acq: 2 Mar 2020 21:46

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:248 Resp: 15614
Ion Ratio Lower Upper
248 100
250 201.1 78.7 118.1#
141 492.6 52.3 78.5#

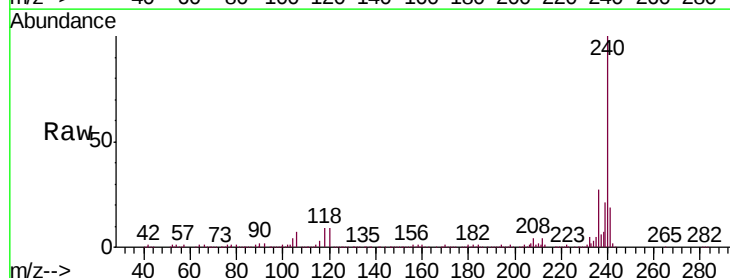


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

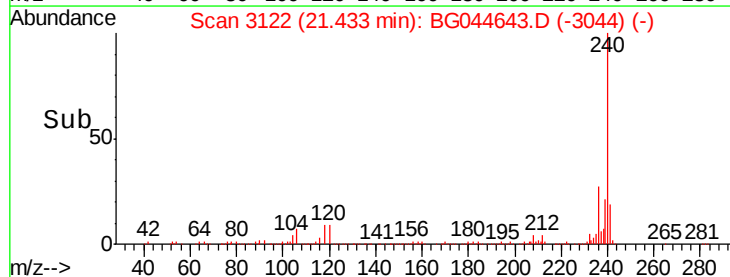
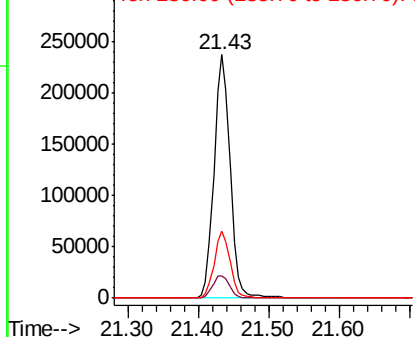


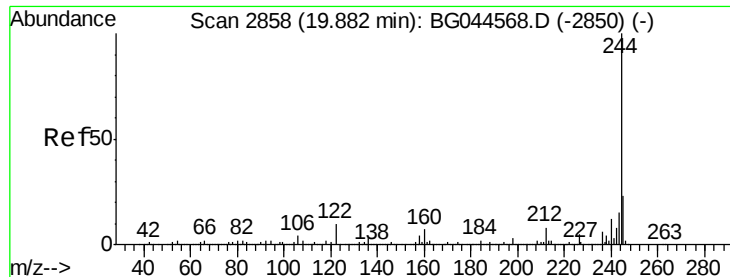
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044643.D
Acq: 2 Mar 2020 21:46

Tgt Ion:240 Resp: 377471
Ion Ratio Lower Upper
240 100
120 9.1 8.3 12.5
236 27.4 22.3 33.5



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: 66.572 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044643.D

Acq: 2 Mar 2020 21:46

Instrument :

BNA_G

ClientSampleId :

TP-4

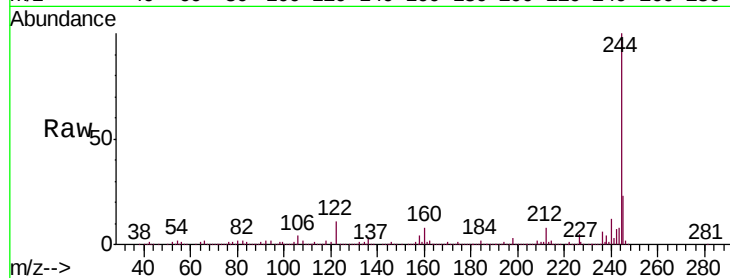
Tgt Ion:244 Resp: 1327415

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

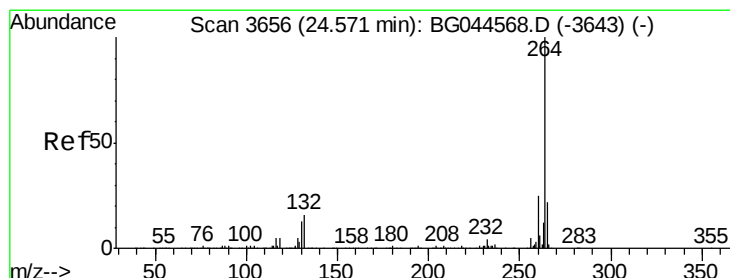
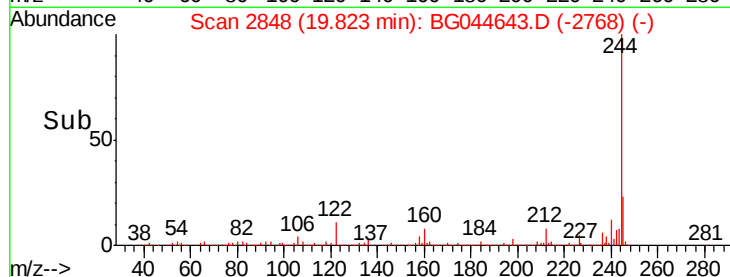
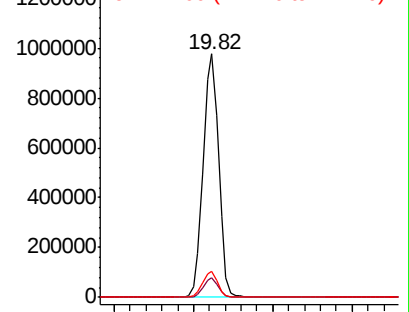
122 10.7 8.2 12.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.45 min Scan# 3635

Delta R.T. -0.12 min

Lab File: BG044643.D

Acq: 2 Mar 2020 21:46

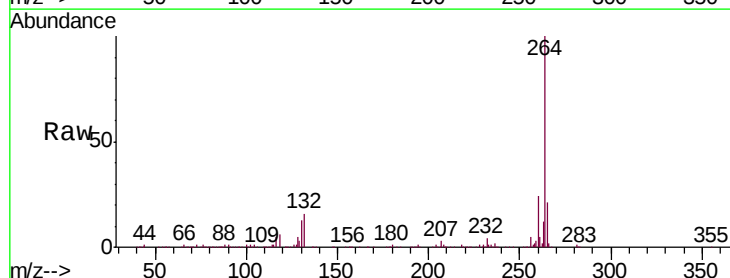
Tgt Ion:264 Resp: 426303

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 21.4 17.8 26.8



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

