

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
 Data File : BG042284.D
 Acq On : 17 Aug 2019 10:59
 Operator : HP/JU
 Sample : K4356-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Aug 19 05:55:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

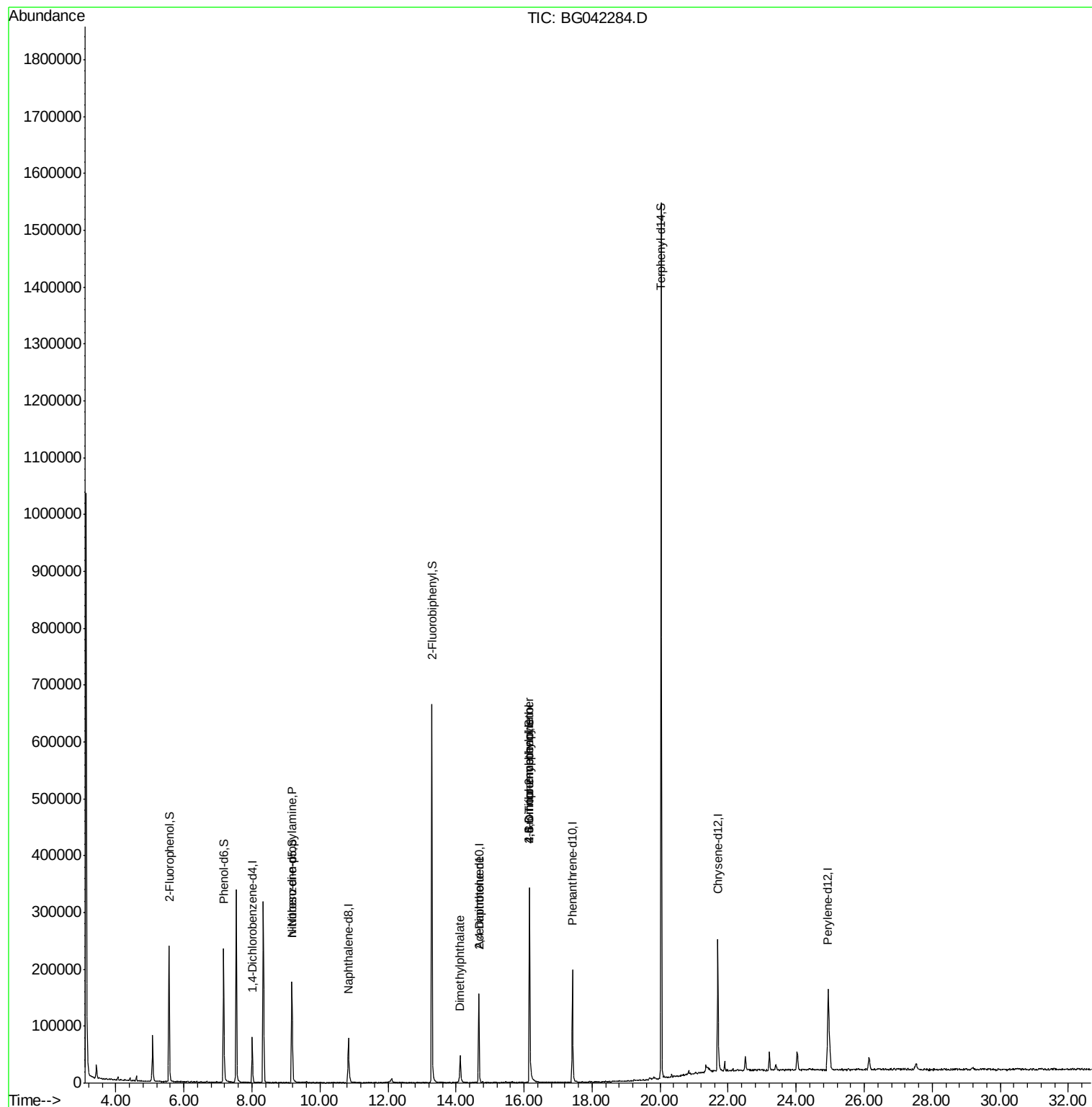
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27383	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	100840	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	68190	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	152716	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	163762	20.00	ng	-0.04
87) Perylene-d12	24.94	264	183701	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	135734	96.44	ng	-0.03
7) Phenol-d6	7.17	99	180102	94.92	ng	-0.03
23) Nitrobenzene-d5	9.17	82	133912	91.39	ng	-0.04
42) 2,4,6-Tribromophenol	16.16	330	105617	136.36	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	433432	112.11	ng	-0.04
79) Terphenyl-d14	20.03	244	815983	114.02	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	16674	12.104	ng	Qvalue # 63
50) Dimethylphthalate	14.12	163	58088	12.473	ng	97
57) 2,4-Dinitrotoluene	14.67	165	8495	6.343	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.16	198	63	6.925	ng	89
67) 4-Bromophenyl-phenylether	16.16	248	6970	3.705	ng	# 1

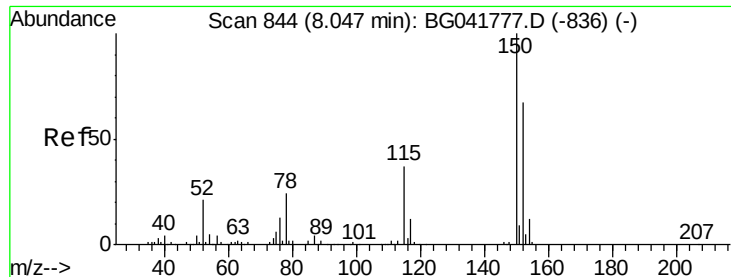
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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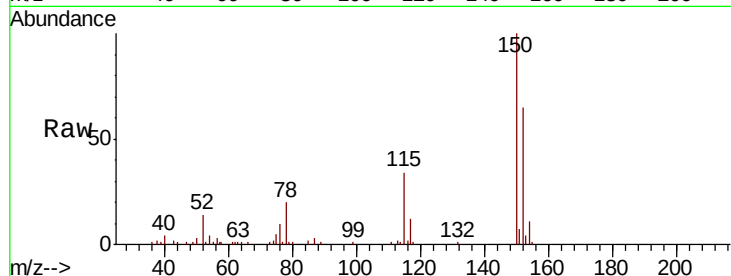


#1

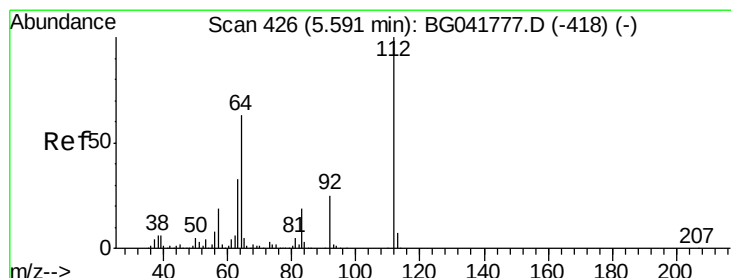
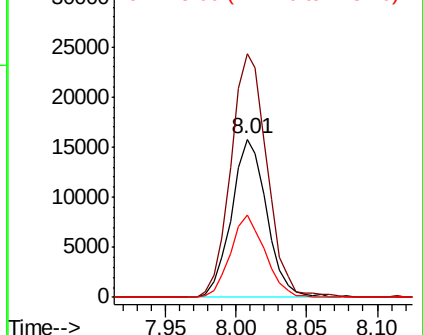
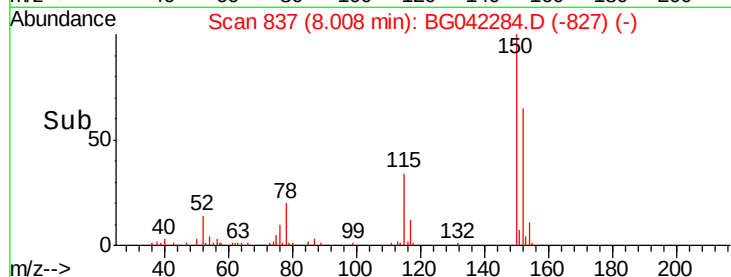
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.04 min
Lab File: BG042284.D
Acq: 17 Aug 2019 10:59

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 27383
Ion Ratio Lower Upper
152 100
150 154.0 126.9 190.3
115 52.0 45.0 67.6



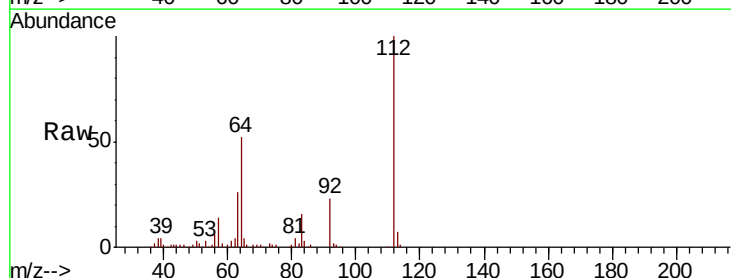
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



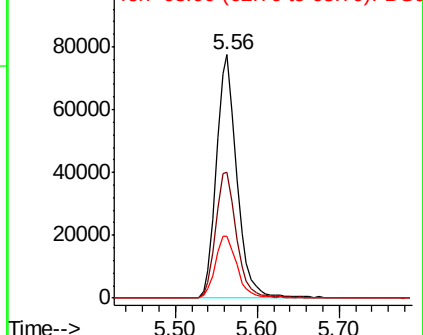
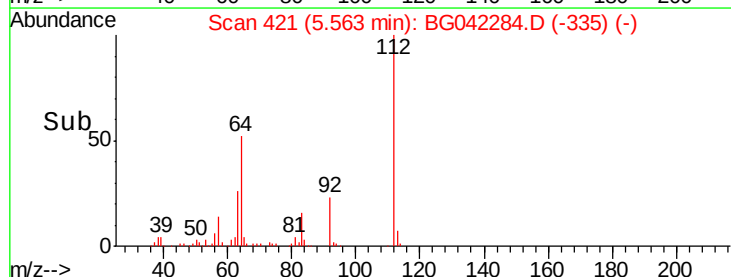
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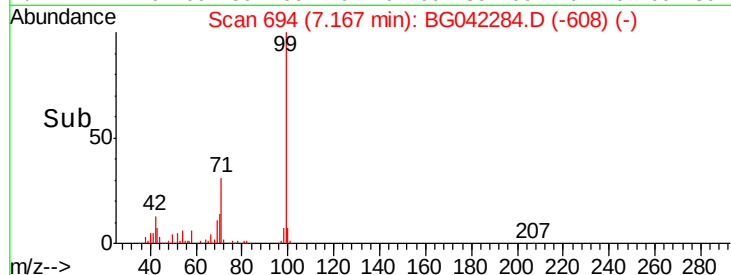
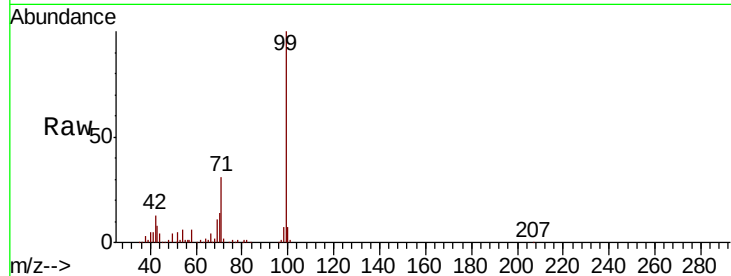
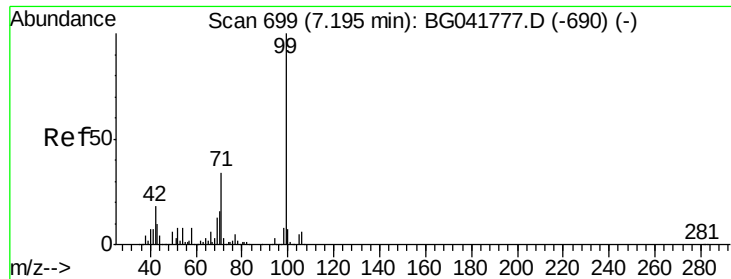
2-Fluorophenol
Concen: 96.442 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG042284.D
Acq: 17 Aug 2019 10:59

Tgt Ion:112 Resp: 135734
Ion Ratio Lower Upper
112 100
64 51.9 55.4 83.2#
63 25.5 29.1 43.7#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 94.919 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BG042284.D

Acq: 17 Aug 2019 10:59

Instrument :

BNA_G

ClientSampleId :

TP-3

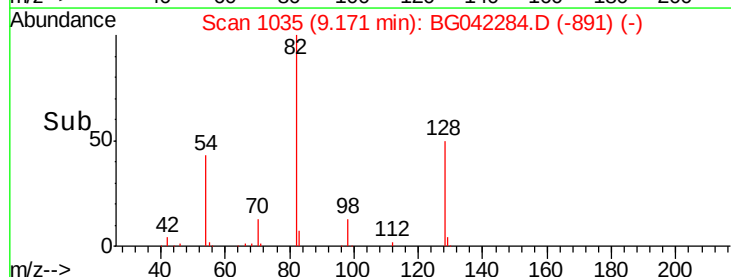
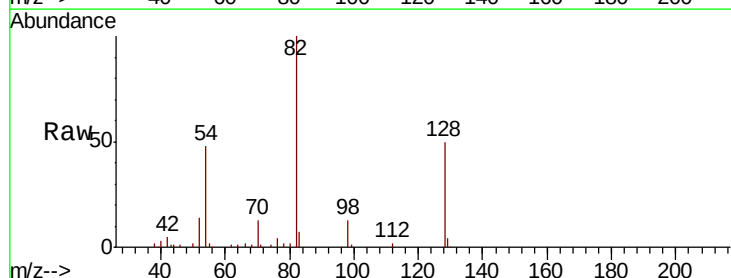
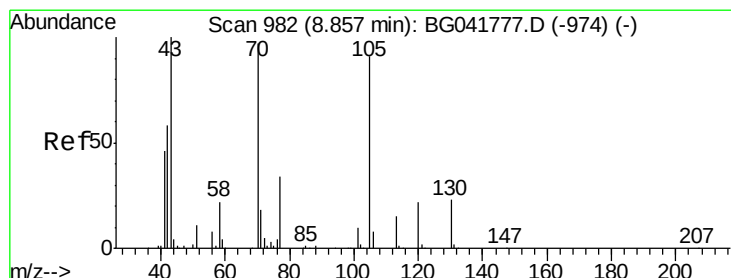
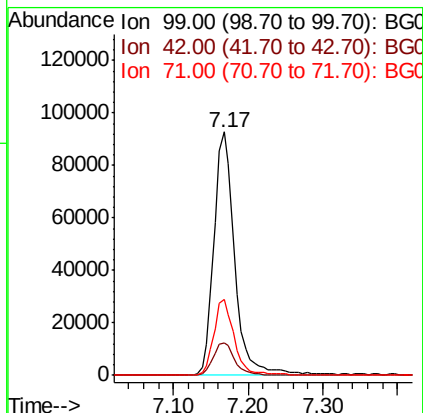
Tgt Ion: 99 Resp: 180102

Ion Ratio Lower Upper

99 100

42 13.1 17.6 26.4#

71 31.0 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.104 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.31 min

Lab File: BG042284.D

Acq: 17 Aug 2019 10:59

Tgt Ion: 70 Resp: 16674

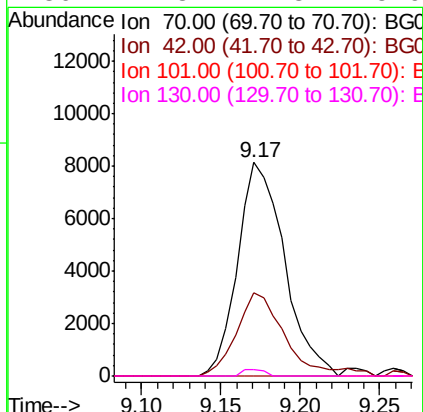
Ion Ratio Lower Upper

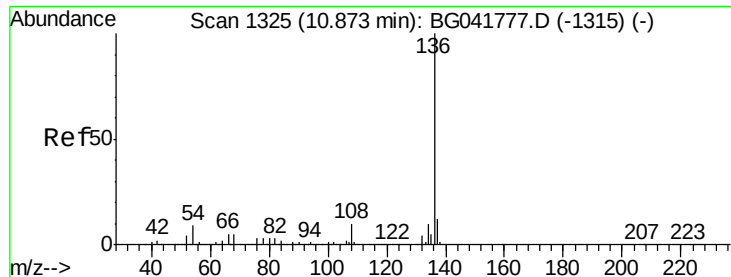
70 100

42 39.1 55.8 83.6#

101 0.0 8.1 12.1#

130 2.8 17.3 25.9#

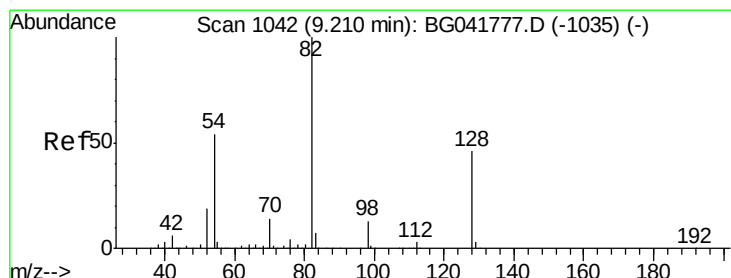
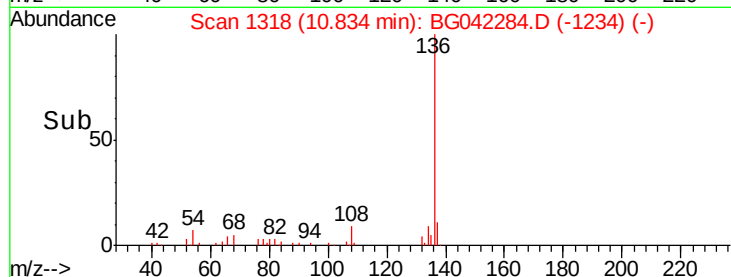
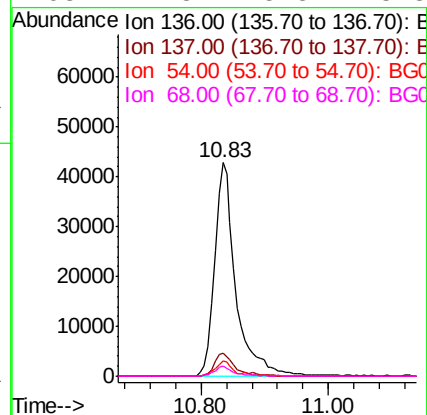
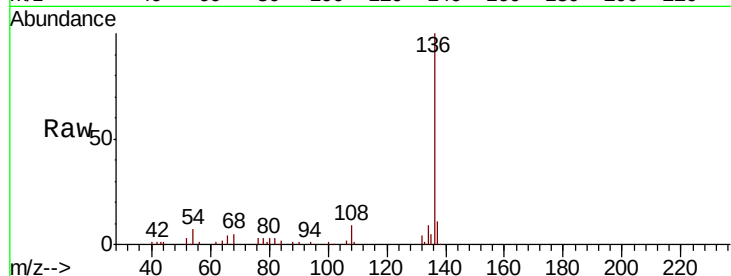




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042284.D
Acq: 17 Aug 2019 10:59

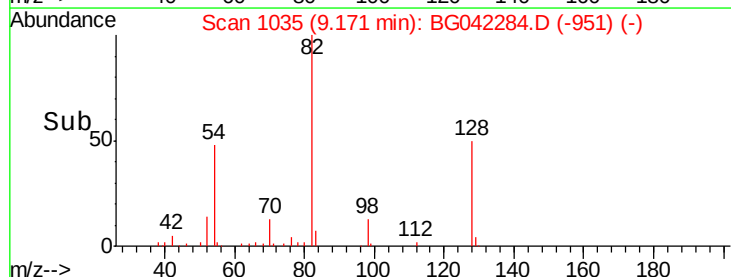
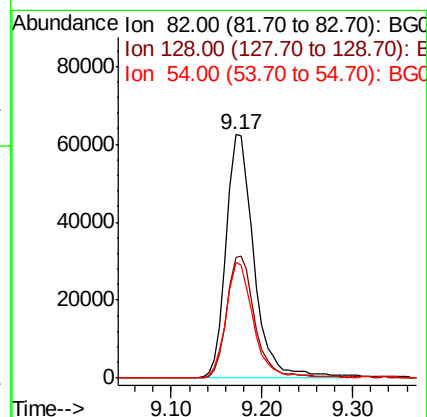
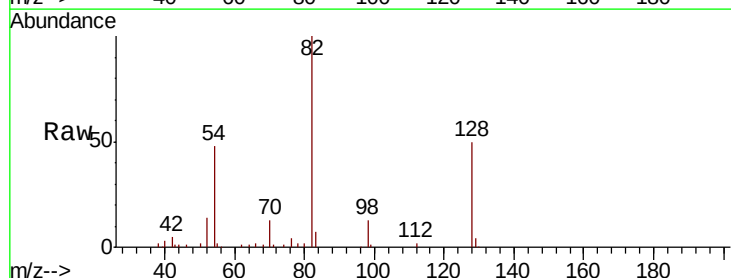
Instrument :
BNA_G
ClientSampleId :
TP-3

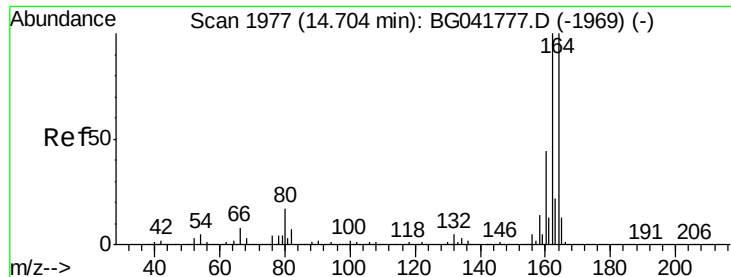
Tgt Ion:	136	Resp:	100840
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.0	8.7	13.1#
68	4.8	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 91.386 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BG042284.D
Acq: 17 Aug 2019 10:59

Tgt Ion:	82	Resp:	133912
Ion	Ratio	Lower	Upper
82	100		
128	49.5	35.1	52.7
54	47.5	48.7	73.1#

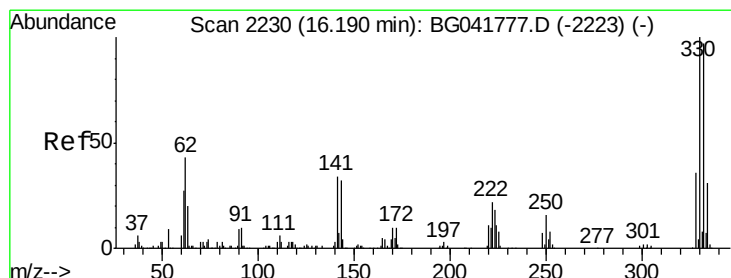
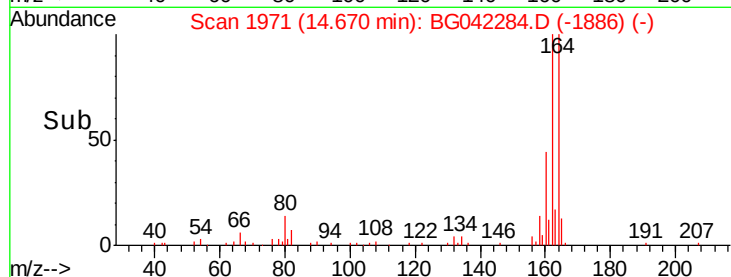
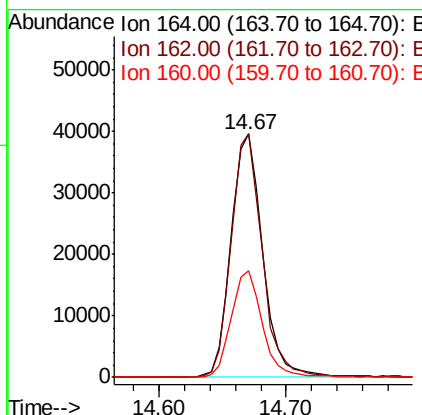
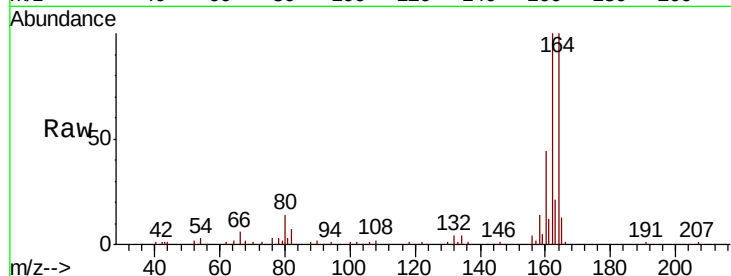




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.03 min
 Lab File: BG042284.D
 Acq: 17 Aug 2019 10:59

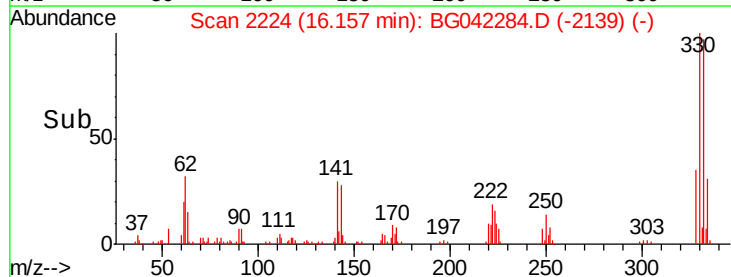
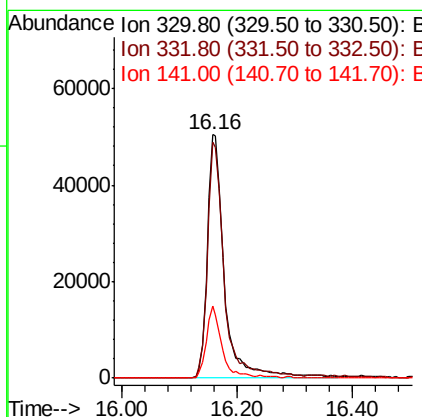
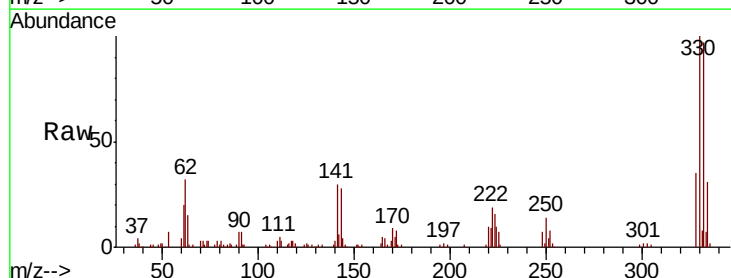
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

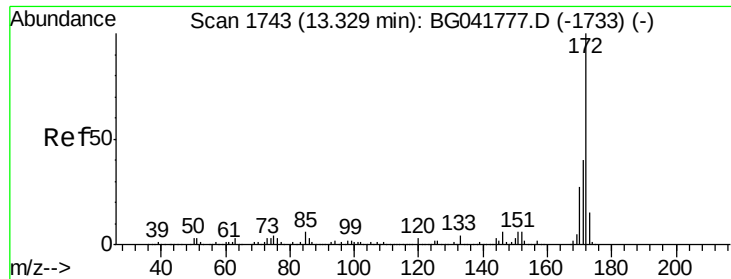
Tgt Ion:164 Resp: 68190
 Ion Ratio Lower Upper
 164 100
 162 99.8 79.6 119.4
 160 43.6 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 136.360 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.03 min
 Lab File: BG042284.D
 Acq: 17 Aug 2019 10:59

Tgt Ion:330 Resp: 105617
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.0
 141 26.7 31.9 47.9#

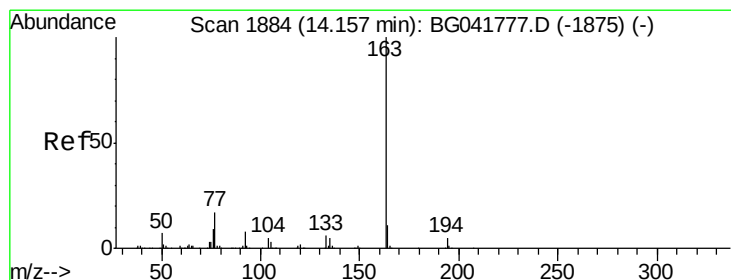
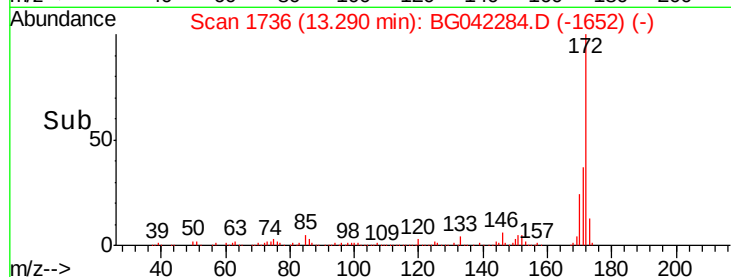
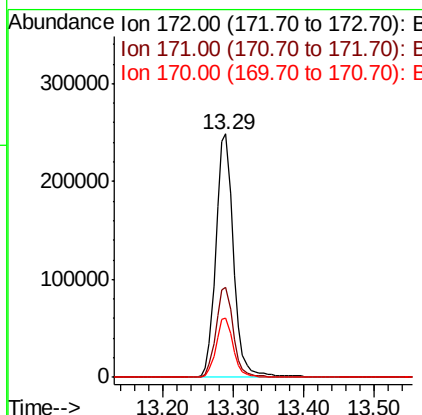
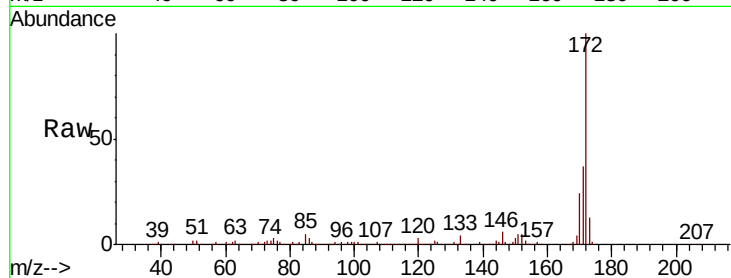




#45
 2-Fluorobiphenyl
 Concen: 112.106 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.04 min
 Lab File: BG042284.D
 Acq: 17 Aug 2019 10:59

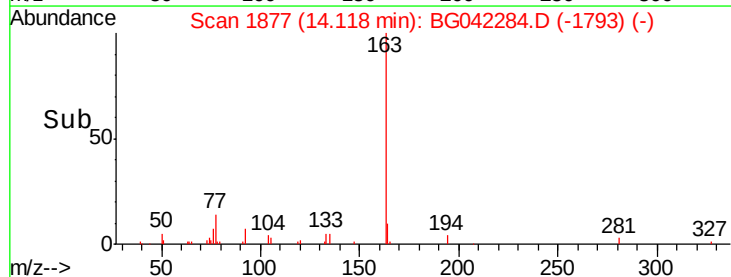
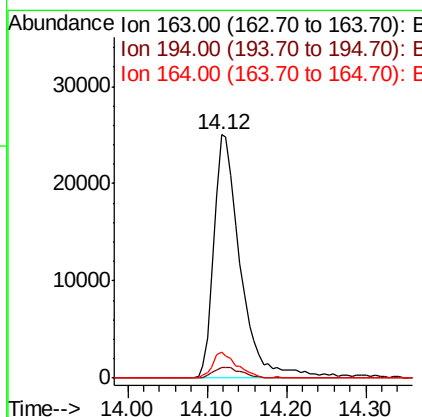
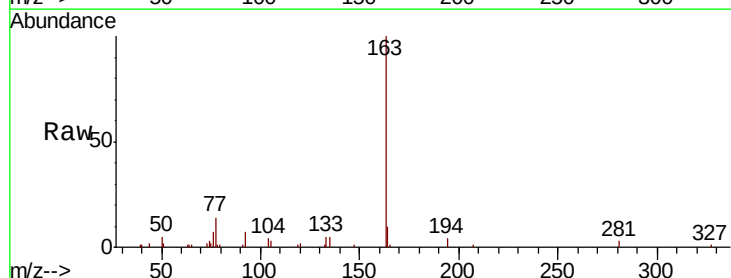
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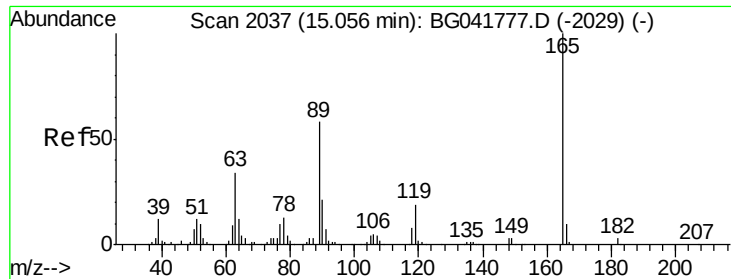
Tgt Ion:172 Resp: 433432
 Ion Ratio Lower Upper
 172 100
 171 36.8 35.0 52.4
 170 24.3 23.5 35.3



#50
 Dimethylphthalate
 Concen: 12.473 ng
 RT: 14.12 min Scan# 1877
 Delta R.T. -0.04 min
 Lab File: BG042284.D
 Acq: 17 Aug 2019 10:59

Tgt Ion:163 Resp: 58088
 Ion Ratio Lower Upper
 163 100
 194 4.2 4.2 6.2
 164 10.5 9.4 14.2

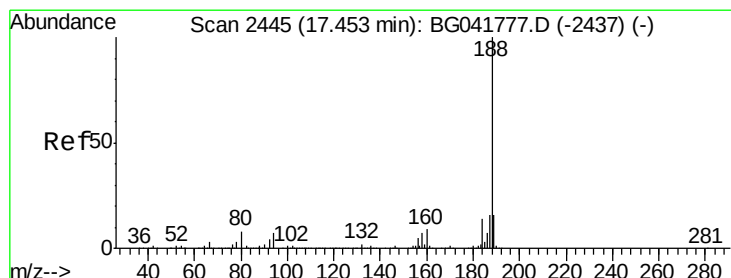
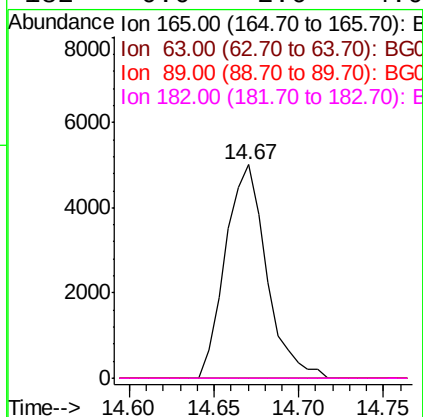
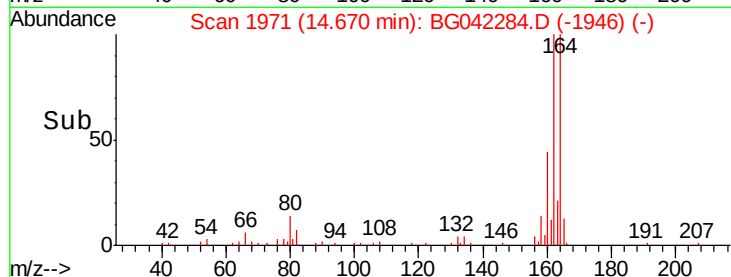
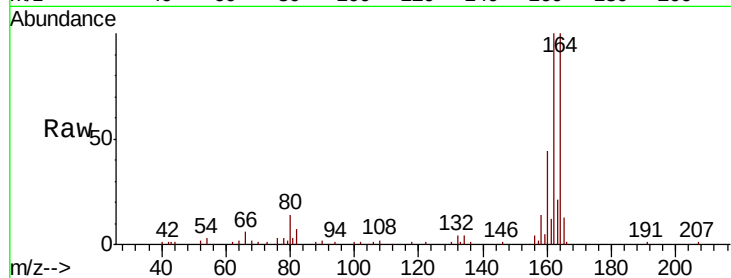




#57
 2,4-Dinitrotoluene
 Concen: 6.343 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.39 min
 Lab File: BG042284.D
 Acq: 17 Aug 2019 10:59

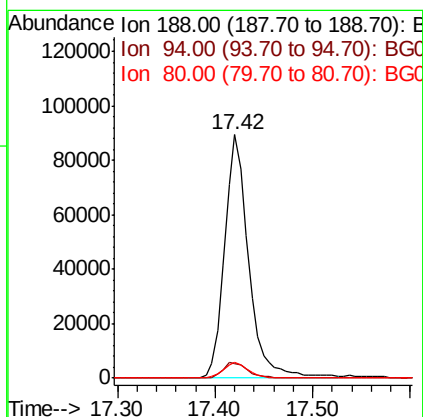
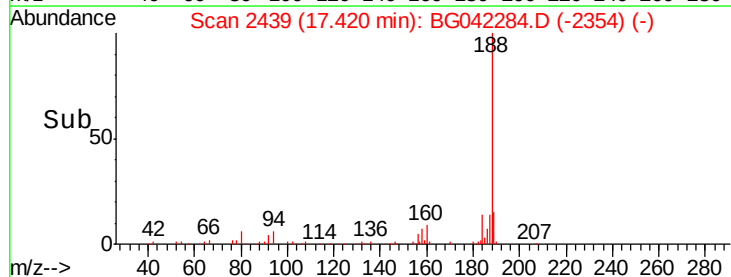
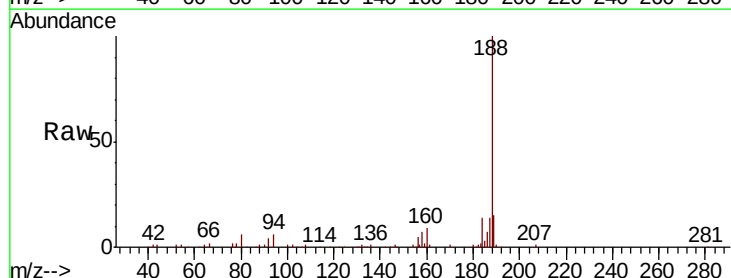
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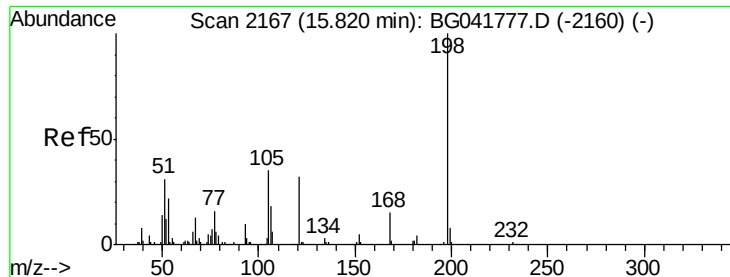
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG042284.D
 Acq: 17 Aug 2019 10:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	6.4	8.0	12.0#





#65

4,6-Dinitro-2-methylphenol

Concen: 6.925 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.34 min

Lab File: BG042284.D

Acq: 17 Aug 2019 10:59

Instrument :

BNA_G

ClientSampleId :

TP-3

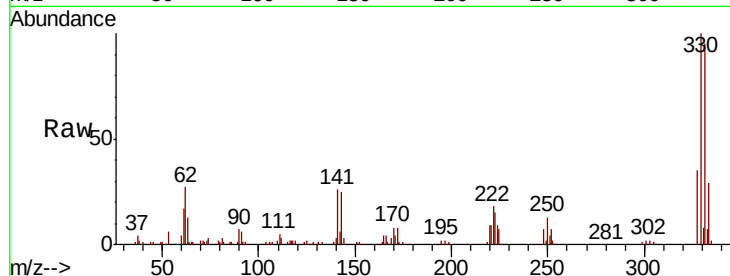
Tgt Ion:198 Resp: 63

Ion Ratio Lower Upper

198 100

51 35.7 22.3 62.3

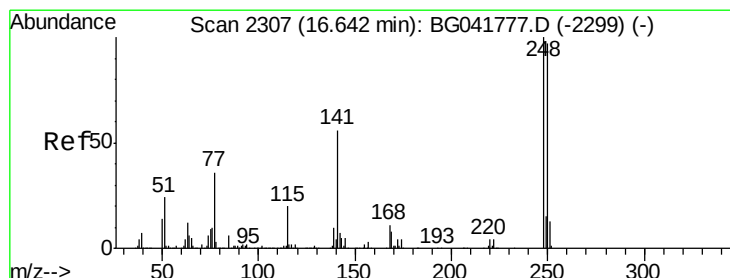
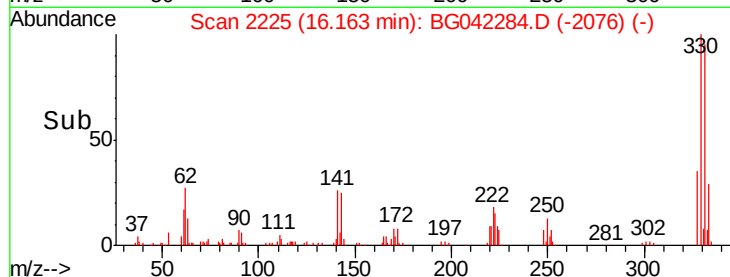
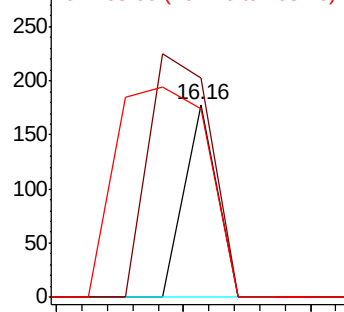
105 30.6 18.0 58.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.705 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.48 min

Lab File: BG042284.D

Acq: 17 Aug 2019 10:59

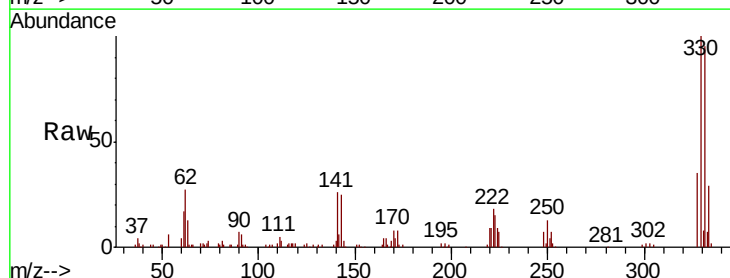
Tgt Ion:248 Resp: 6970

Ion Ratio Lower Upper

248 100

250 178.4 78.1 117.1#

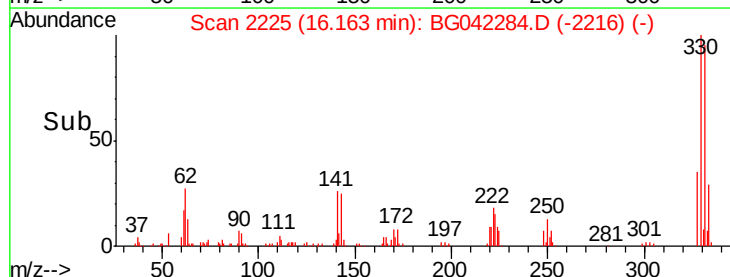
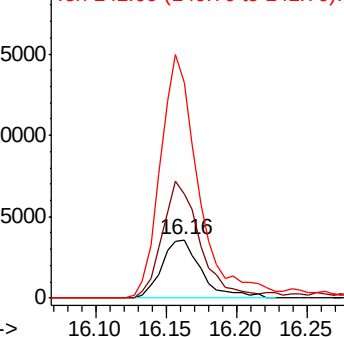
141 369.6 49.6 74.4#

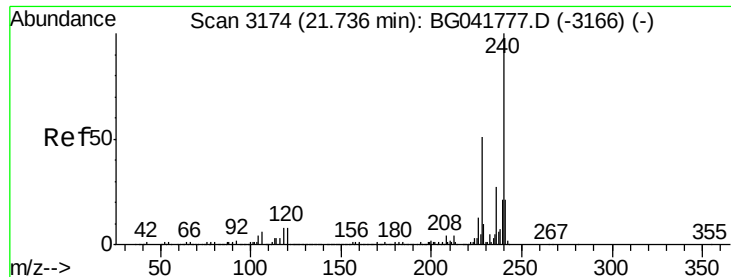


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

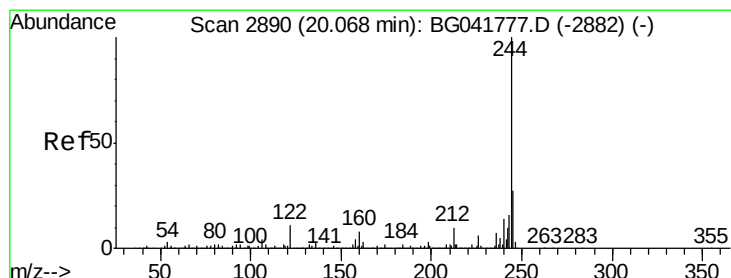
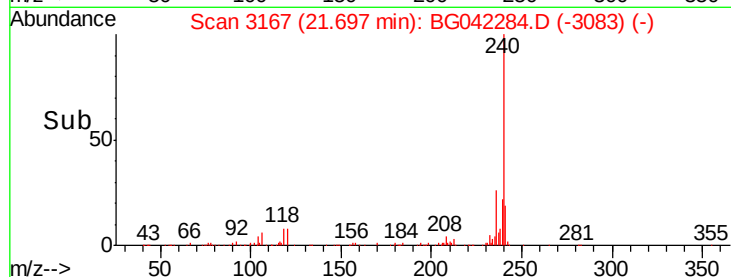
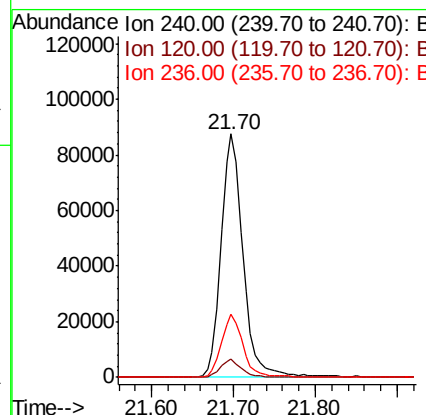
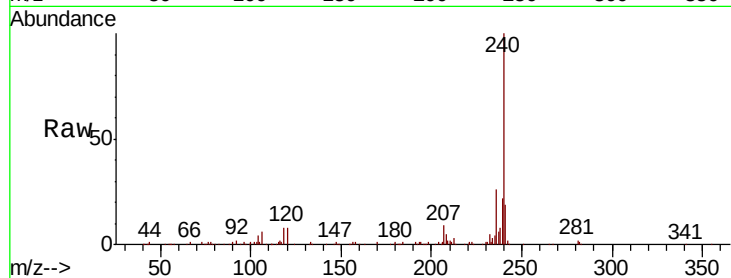




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG042284.D
Acq: 17 Aug 2019 10:59

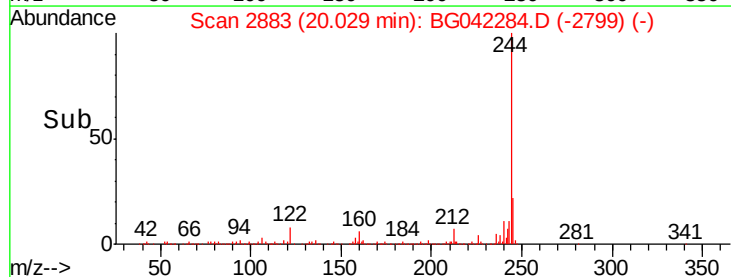
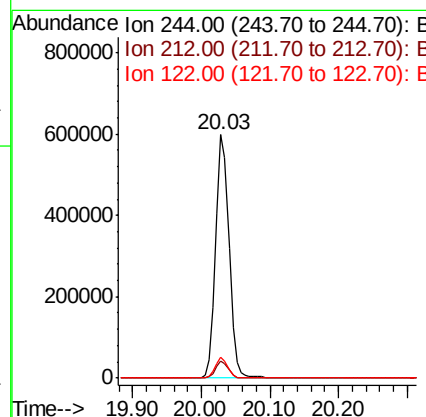
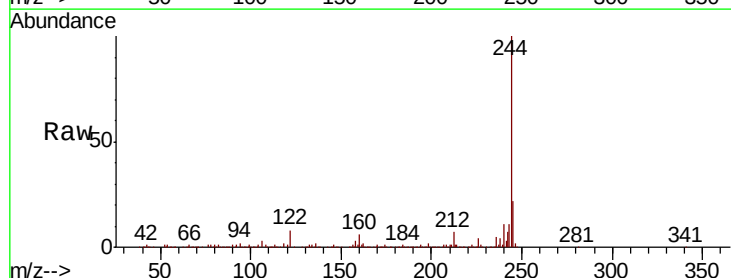
Instrument :
BNA_G
ClientSampleId :
TP-3

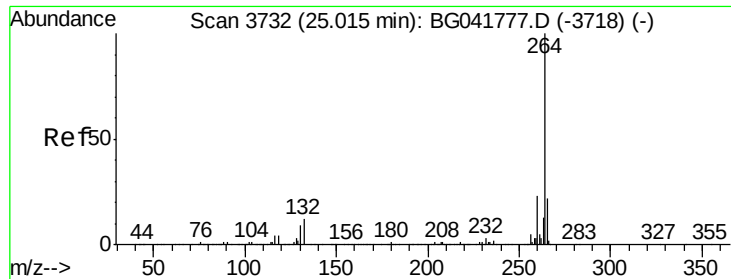
Tgt Ion:240 Resp: 163762
Ion Ratio Lower Upper
240 100
120 7.6 8.0 12.0#
236 26.1 22.6 33.8



#79
Terphenyl-d14
Concen: 114.018 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.04 min
Lab File: BG042284.D
Acq: 17 Aug 2019 10:59

Tgt Ion:244 Resp: 815983
Ion Ratio Lower Upper
244 100
212 6.9 9.7 14.5#
122 8.4 12.5 18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.07 min
Lab File: BG042284.D
Acq: 17 Aug 2019 10:59

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.8	18.0	27.0

