

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
 Data File : BG041871.D
 Acq On : 1 Aug 2019 20:04
 Operator : HP/JU
 Sample : K4066-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Aug 02 01:34:02 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	8.04	152	80929	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	301851	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	207166	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	476975	20.00	ng	0.00
76) Chrysene-d12	21.73	240	638570	20.00	ng	0.00
87) Perylene-d12	25.00	264	767200	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	183869	44.20	ng	0.00
7) Phenol-d6	7.19	99	157084	28.01	ng	0.00
23) Nitrobenzene-d5	9.21	82	358800	81.80	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	236584	100.54	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	957344	81.50	ng	-0.01
79) Terphenyl-d14	20.06	244	1832356	65.66	ng	0.00

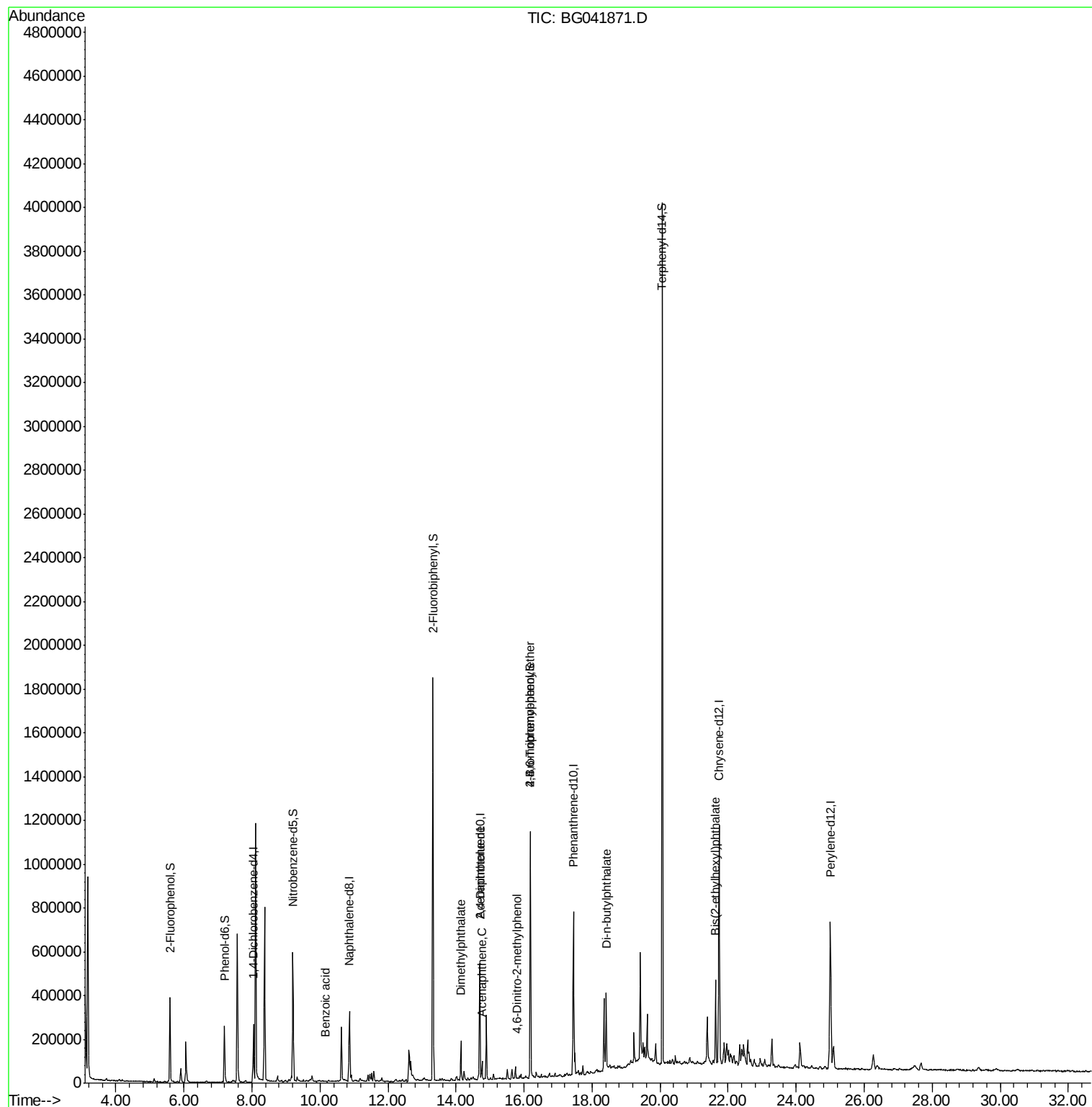
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
32) Benzoic acid	10.16	122	65	8.748	ng	# 55
50) Dimethylphthalate	14.14	163	129252	9.135	ng	99
52) Acenaphthene	14.76	154	32116	2.911	ng	99
57) 2,4-Dinitrotoluene	14.69	165	29026	7.134	ng	# 30
65) 4,6-Dinitro-2-methylphenol	15.79	198	119	6.896	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	17590	2.994	ng	# 1
74) Di-n-butylphthalate	18.41	149	251454	10.838	ng	# 95
84) Bis(2-ethylhexyl)phthalate	21.63	149	171021	8.547	ng	99

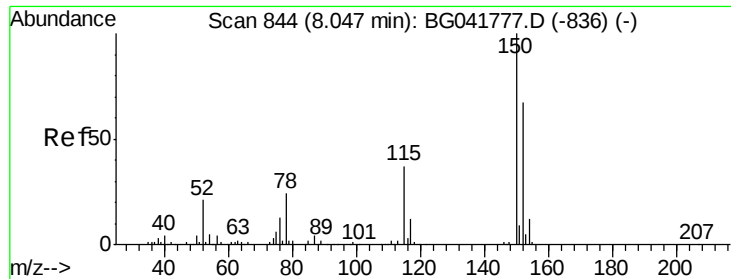
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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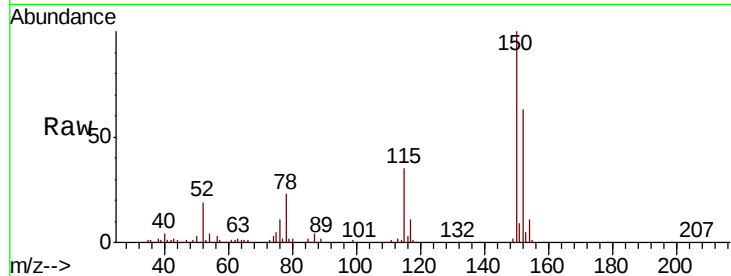


#1

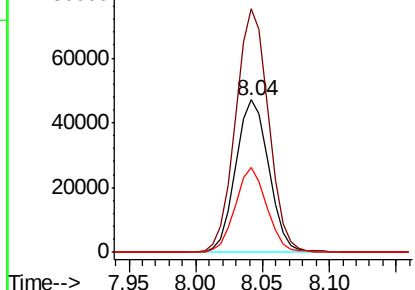
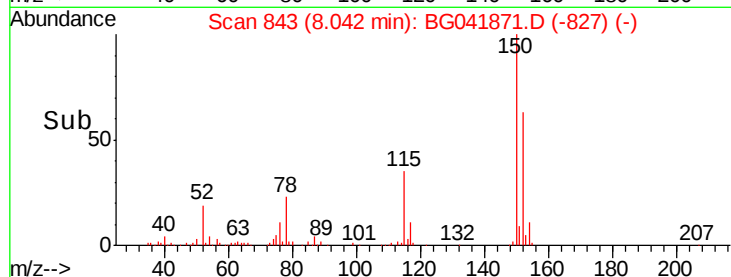
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:152 Resp: 80929
Ion Ratio Lower Upper
152 100
150 159.8 126.9 190.3
115 55.4 45.0 67.6



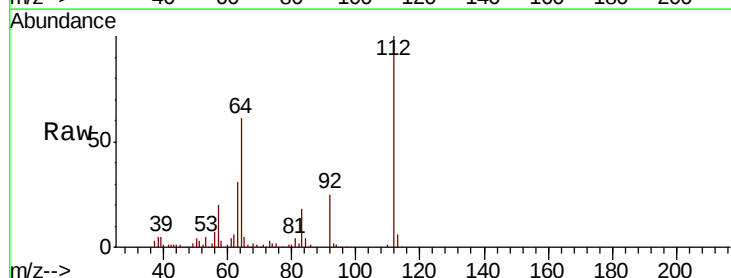
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



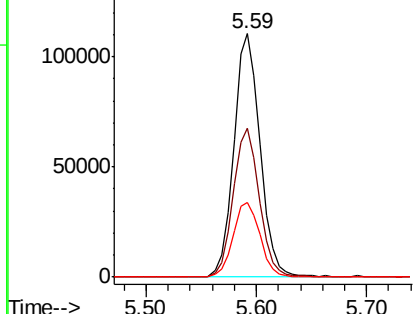
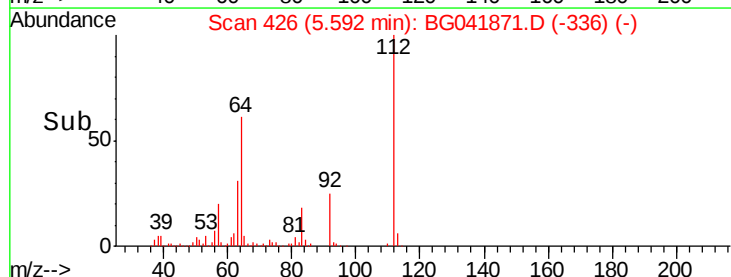
#5

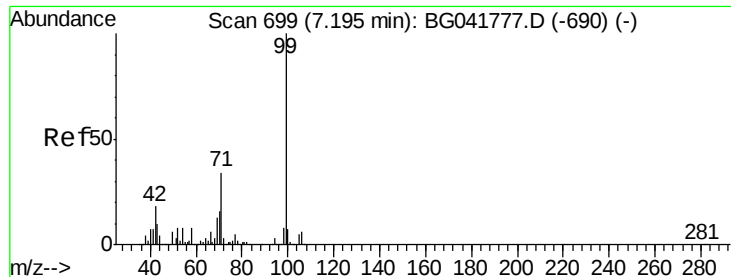
2-Fluorophenol
Concen: 44.204 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion:112 Resp: 183869
Ion Ratio Lower Upper
112 100
64 61.4 55.4 83.2
63 30.9 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: 28.012 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

Instrument :

BNA_F

ClientSampleId :

TP-13

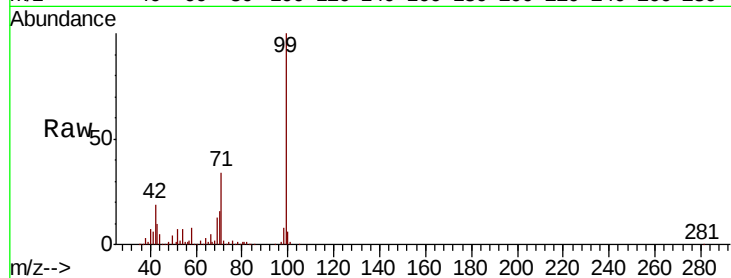
Tgt Ion: 99 Resp: 157084

Ion Ratio Lower Upper

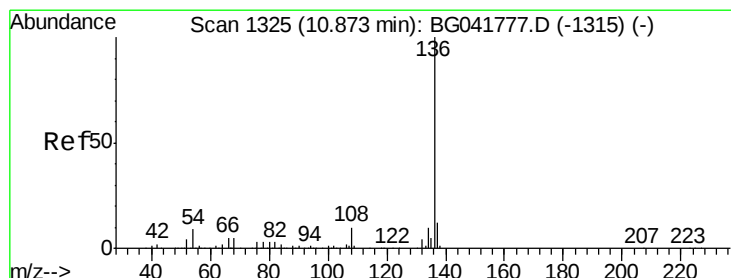
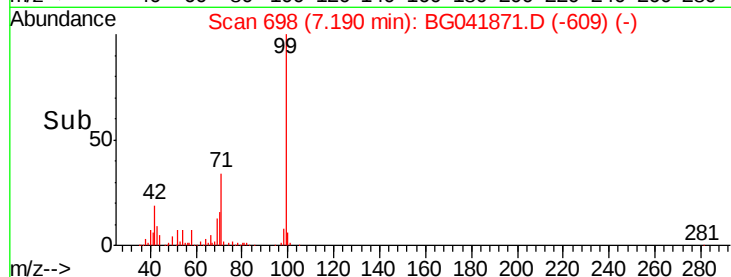
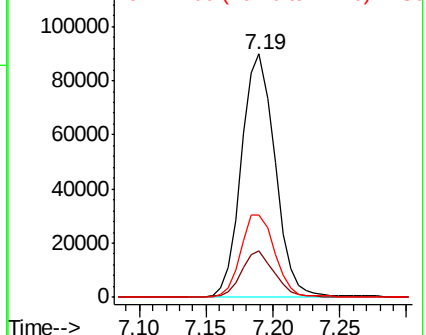
99 100

42 19.1 17.6 26.4

71 33.9 27.8 41.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

Tgt Ion: 136 Resp: 301851

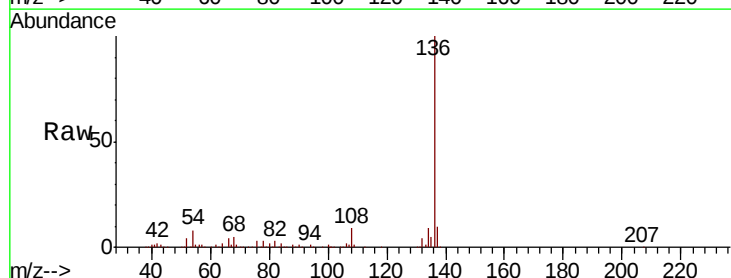
Ion Ratio Lower Upper

136 100

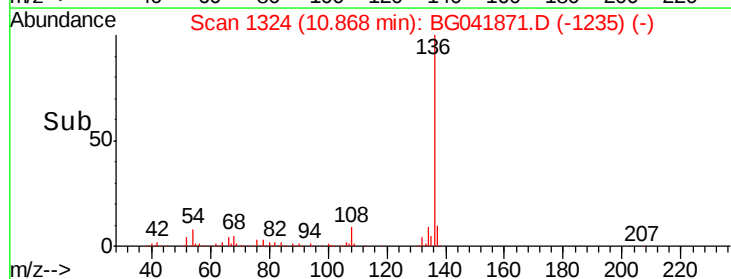
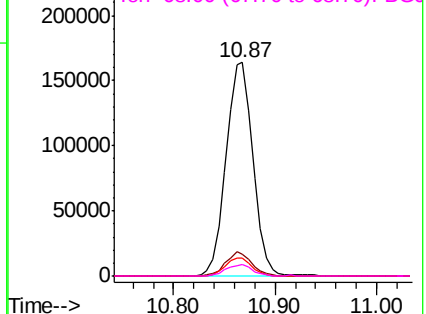
137 10.1 9.2 13.8

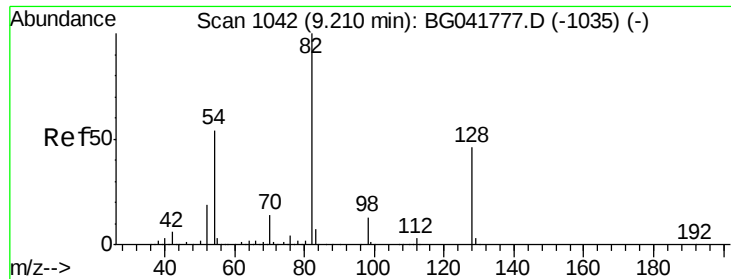
54 8.5 8.7 13.1#

68 5.2 5.5 8.3#



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

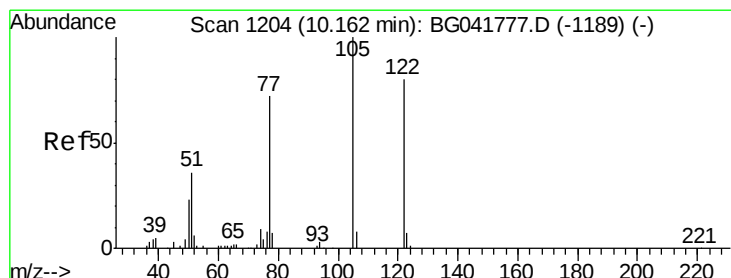
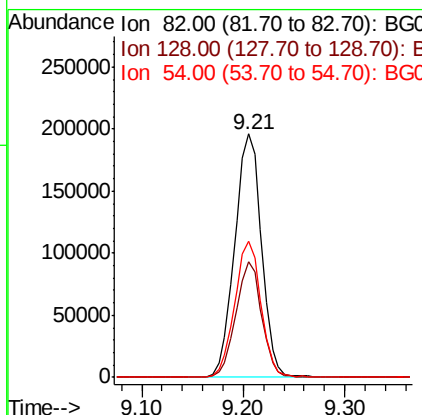
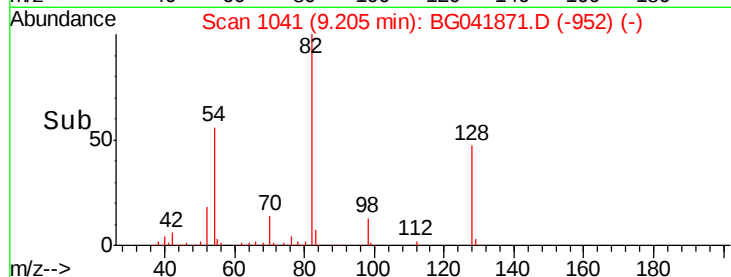
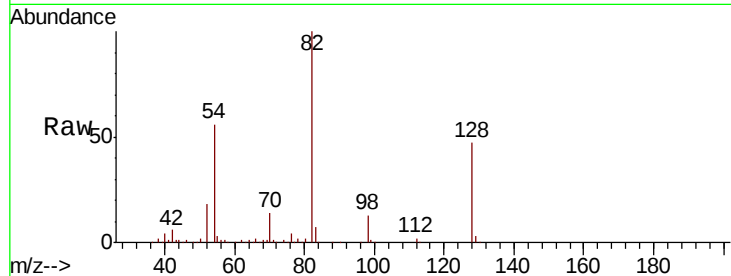




#23
 Nitrobenzene-d5
 Concen: 81.799 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041871.D
 Acq: 1 Aug 2019 20:04

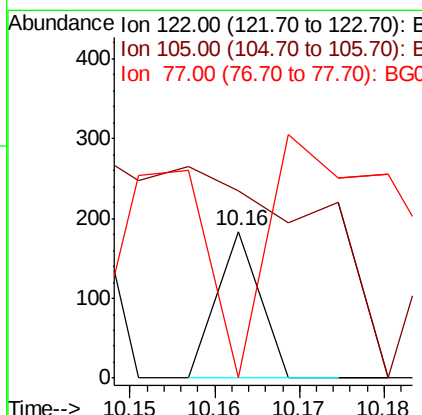
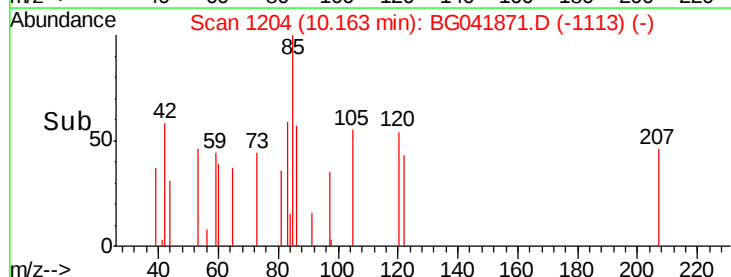
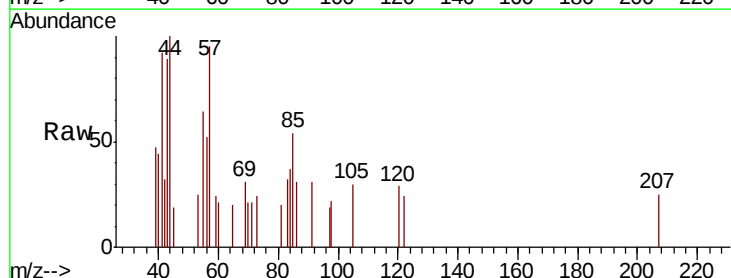
Instrument :
 BNA_F
 ClientSampleId :
 TP-13

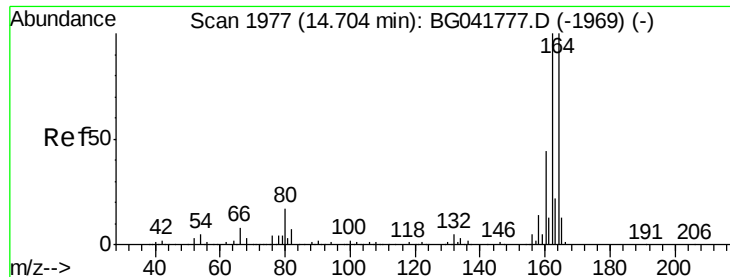
Tgt Ion: 82 Resp: 358800
 Ion Ratio Lower Upper
 82 100
 128 47.3 35.1 52.7
 54 55.7 48.7 73.1



#32
 Benzoic acid
 Concen: 8.748 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG041871.D
 Acq: 1 Aug 2019 20:04

Tgt Ion: 122 Resp: 65
 Ion Ratio Lower Upper
 122 100
 105 127.2 101.5 141.5
 77 0.0 73.0 113.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

Instrument :

BNA_F

ClientSampleId :

TP-13

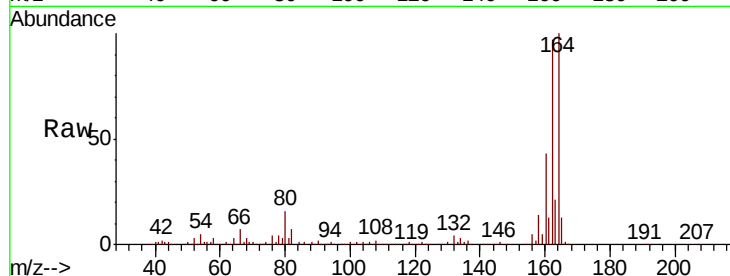
Tgt Ion:164 Resp: 207166

Ion Ratio Lower Upper

164 100

162 96.7 79.6 119.4

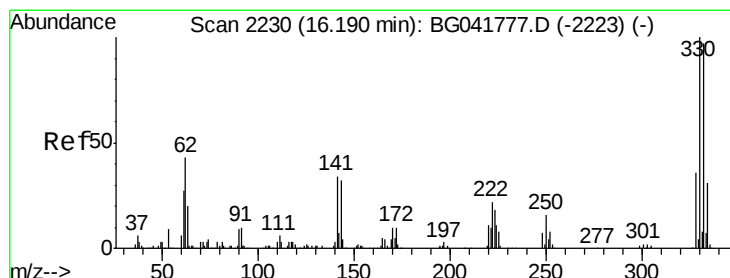
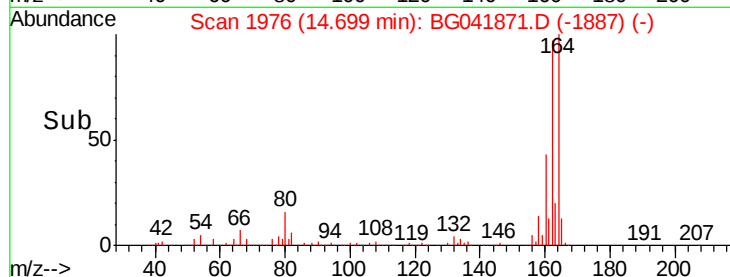
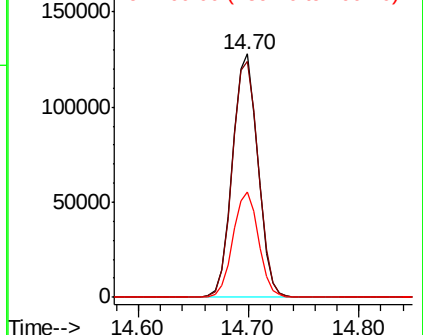
160 43.4 35.4 53.0



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: 100.540 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

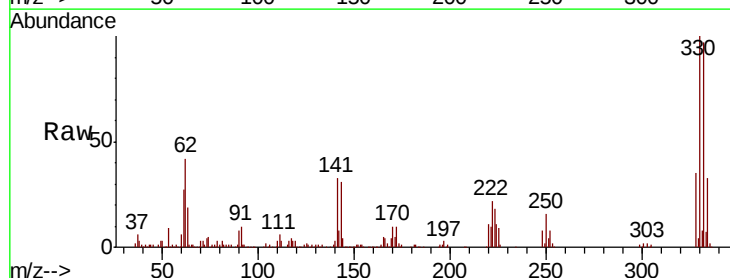
Tgt Ion:330 Resp: 236584

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

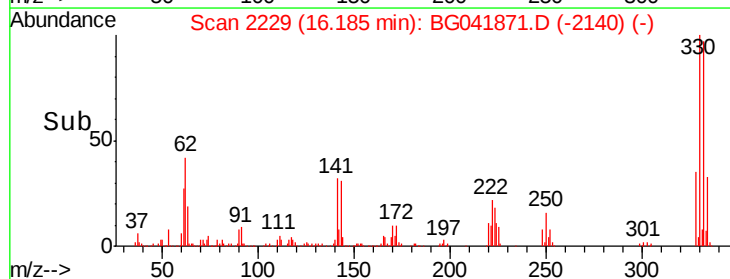
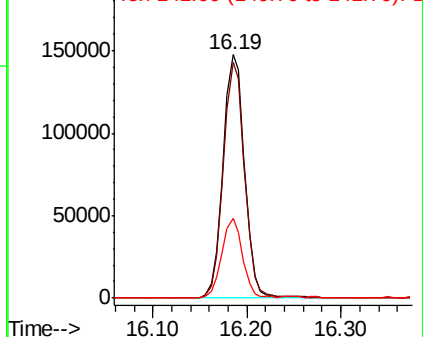
141 31.2 31.9 47.9#

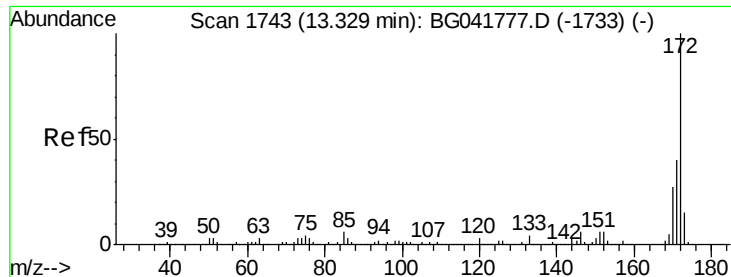


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

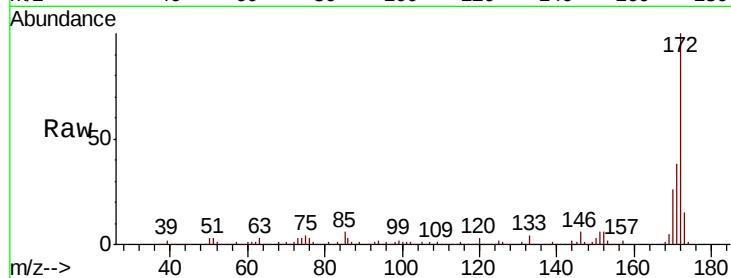




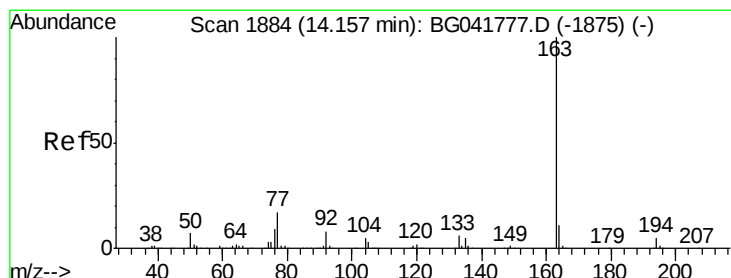
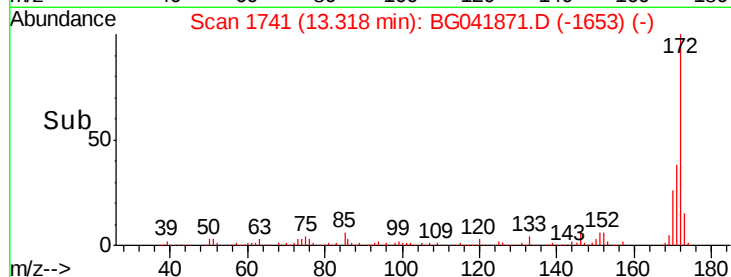
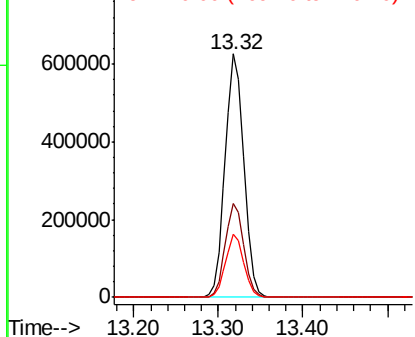
#45
 2-Fluorobiphenyl
 Concen: 81.504 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041871.D
 Acq: 1 Aug 2019 20:04

Instrument :
 BNA_F
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 TP-13

Tgt Ion:172 Resp: 957344
 Ion Ratio Lower Upper
 172 100
 171 38.3 35.0 52.4
 170 25.9 23.5 35.3

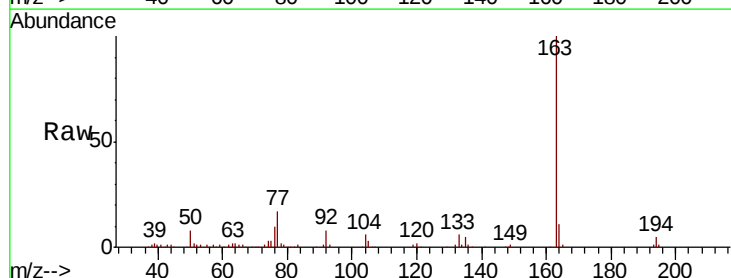


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

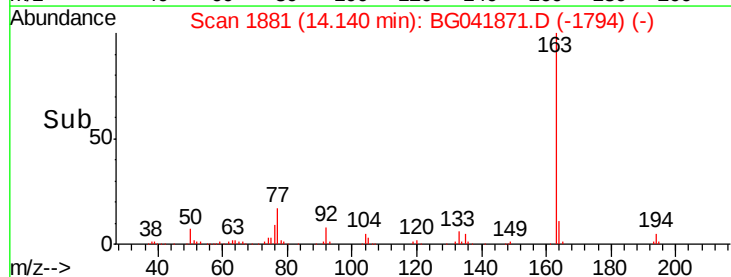
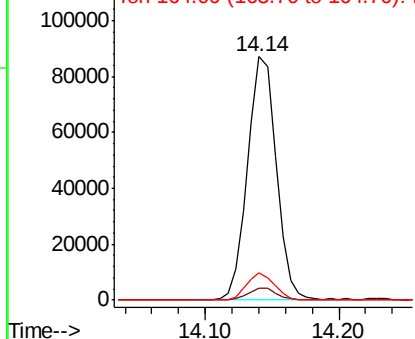


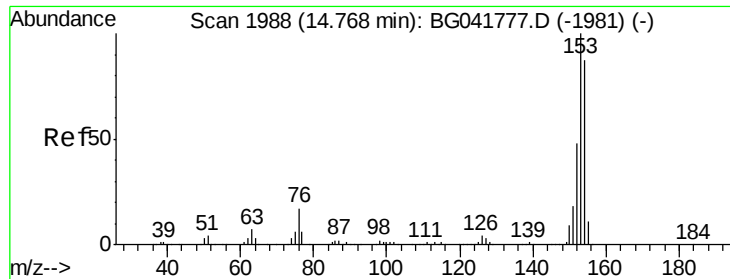
#50
 Dimethylphthalate
 Concen: 9.135 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.02 min
 Lab File: BG041871.D
 Acq: 1 Aug 2019 20:04

Tgt Ion:163 Resp: 129252
 Ion Ratio Lower Upper
 163 100
 194 4.9 4.2 6.2
 164 11.2 9.4 14.2



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





#52

Acenaphthene

Concen: 2.911 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

Instrument :

BNA_F

ClientSampleId :

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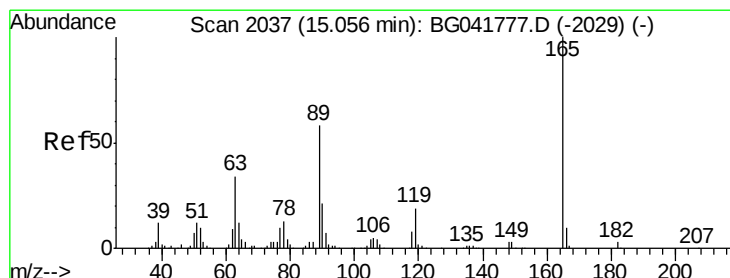
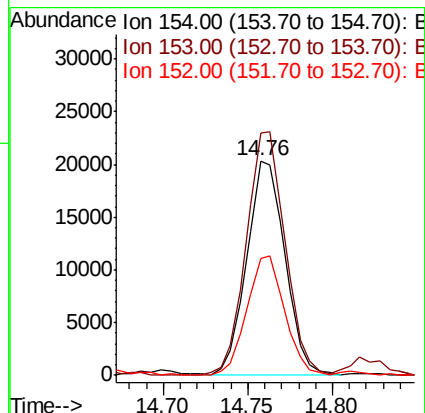
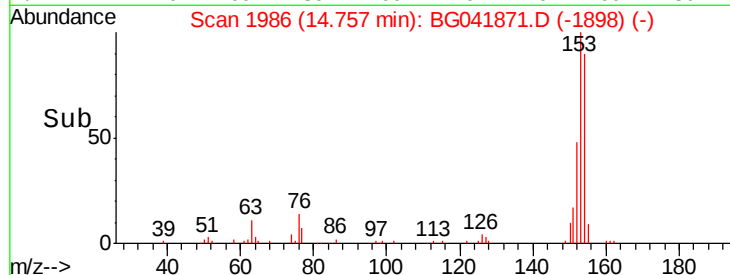
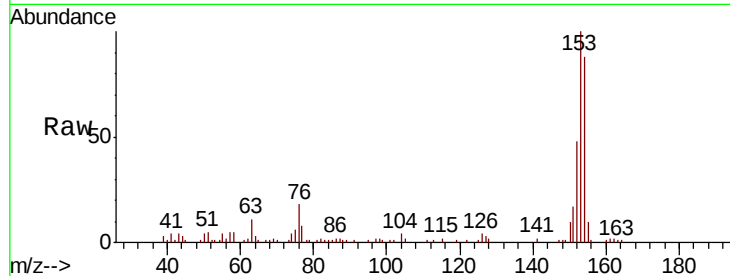
Tgt Ion:154 Resp: 32116

Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.6

152 54.7 44.9 67.3



#57

2,4-Dinitrotoluene

Concen: 7.134 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.36 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

Tgt Ion:165 Resp: 29026

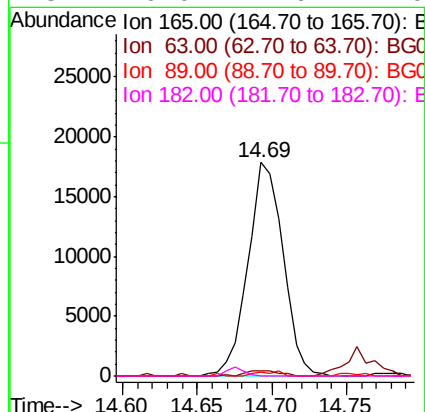
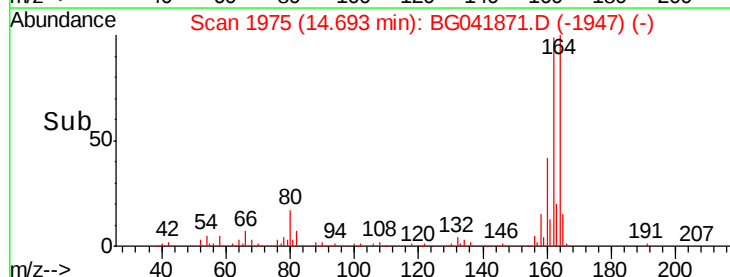
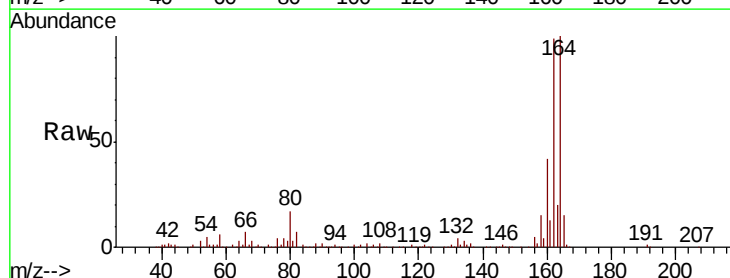
Ion Ratio Lower Upper

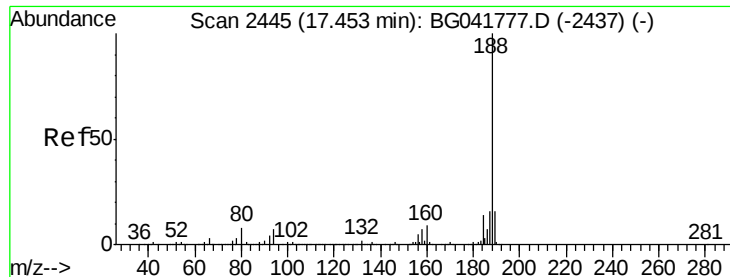
165 100

63 2.3 31.7 47.5#

89 1.6 50.2 75.4#

182 0.0 2.6 4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

Instrument :

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ClientSampleId :

TP-13

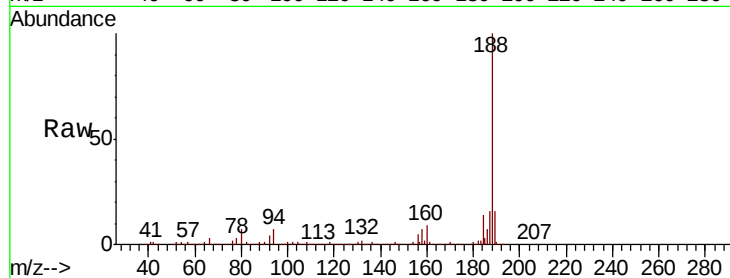
Tgt Ion:188 Resp: 476975

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

80 7.2 8.0 12.0#



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

17.45

400000

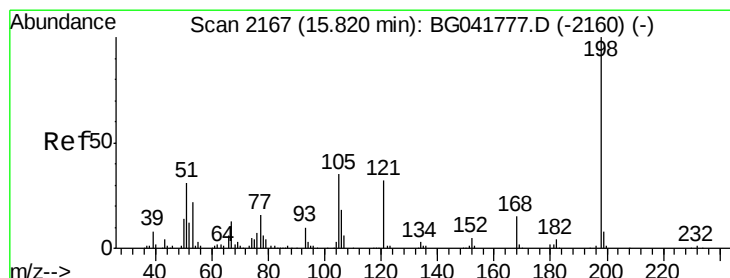
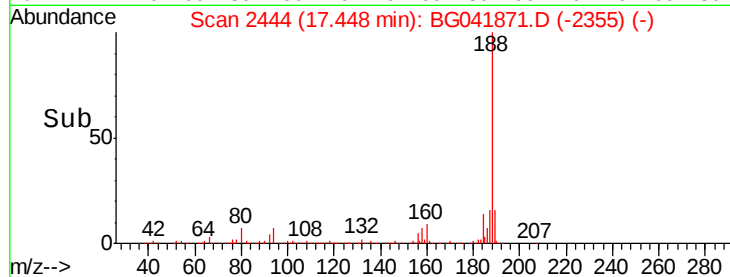
300000

200000

100000

0

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 6.896 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.03 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

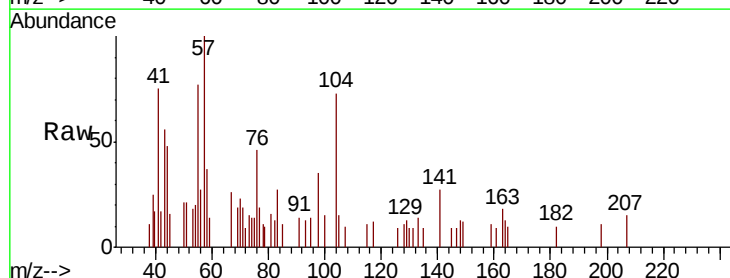
Tgt Ion:198 Resp: 119

Ion Ratio Lower Upper

198 100

51 199.5 22.3 62.3#

105 138.2 18.0 58.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

500

400

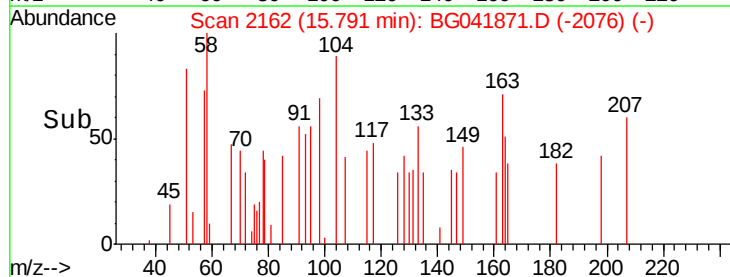
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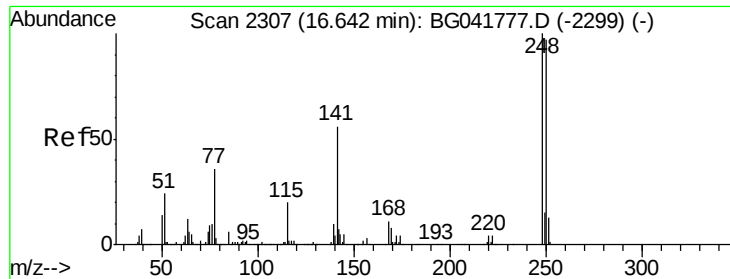
200

100

0

Time-->

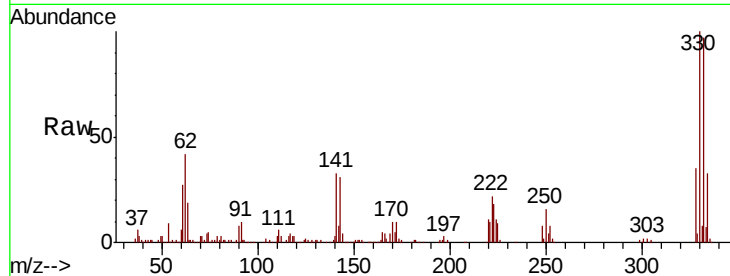




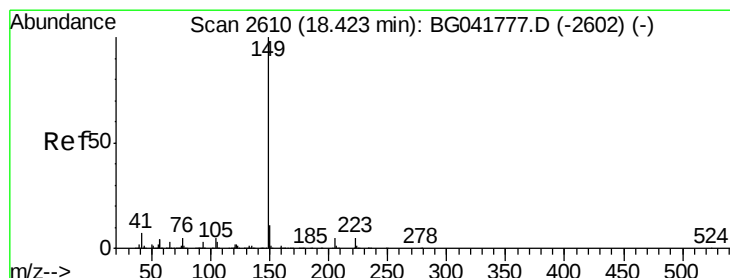
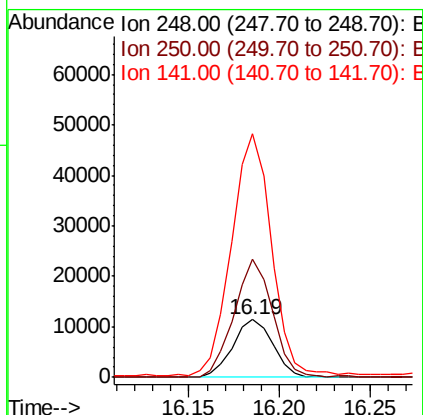
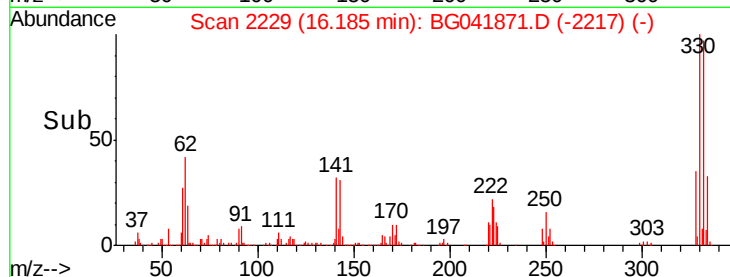
#67
 4-Bromophenyl-phenylether
 Concen: 2.994 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.46 min
 Lab File: BG041871.D
 Acq: 1 Aug 2019 20:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tgt Ion:248 Resp: 17590
 Ion Ratio Lower Upper
 248 100
 250 206.2 78.1 117.1#
 141 423.4 49.6 74.4#

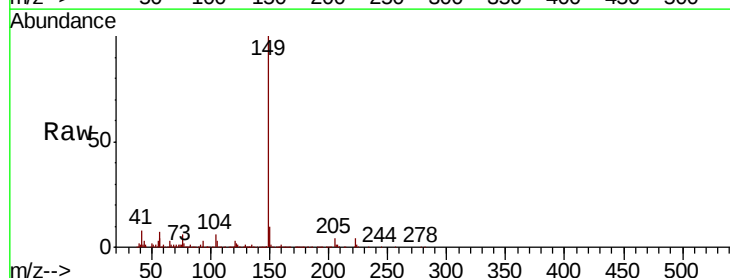


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

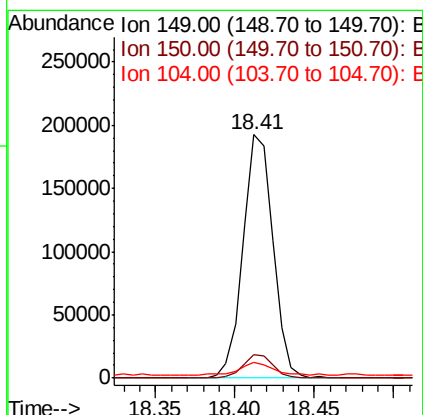
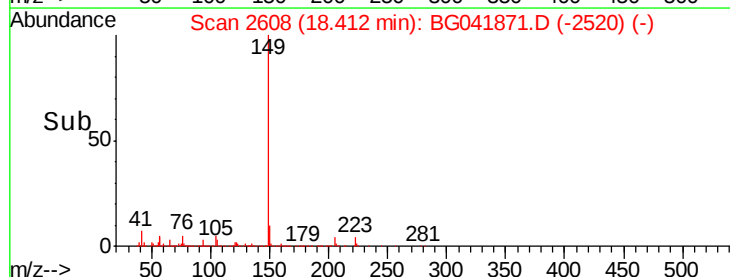


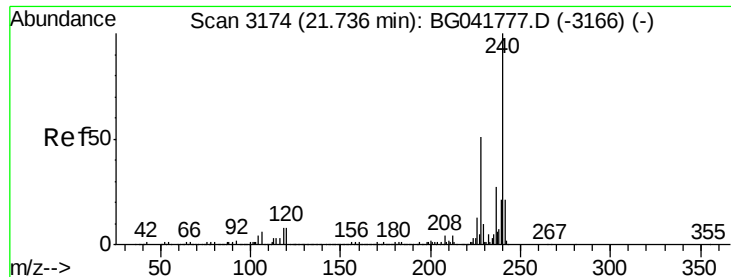
#74
 Di-n-butylphthalate
 Concen: 10.838 ng
 RT: 18.41 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BG041871.D
 Acq: 1 Aug 2019 20:04

Tgt Ion:149 Resp: 251454
 Ion Ratio Lower Upper
 149 100
 150 9.7 10.2 15.2#
 104 6.4 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

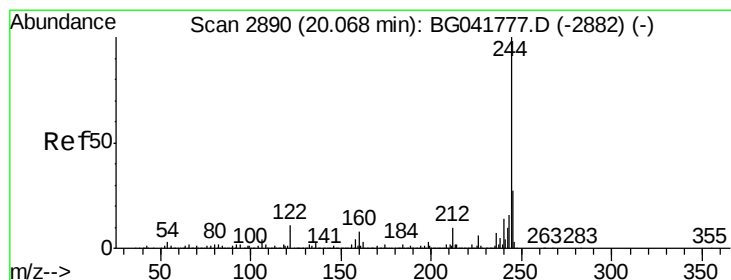
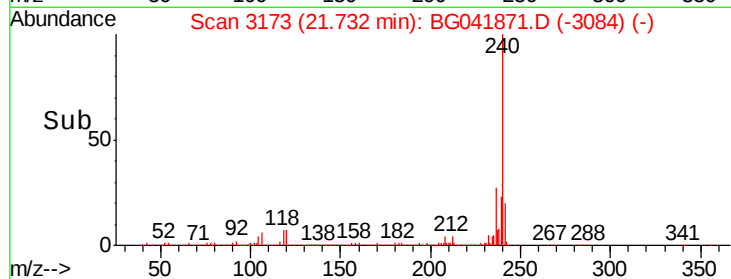
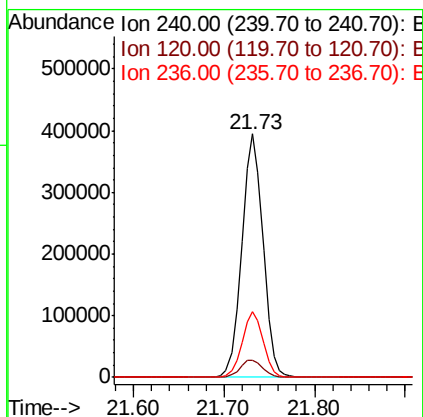
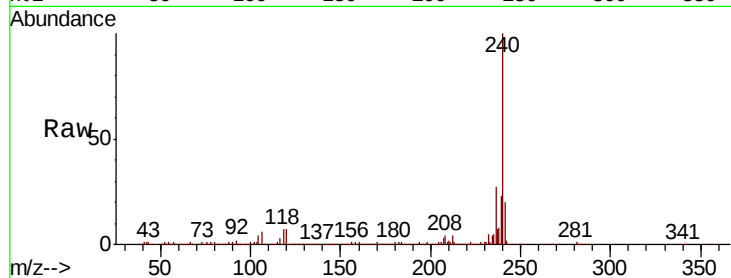




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

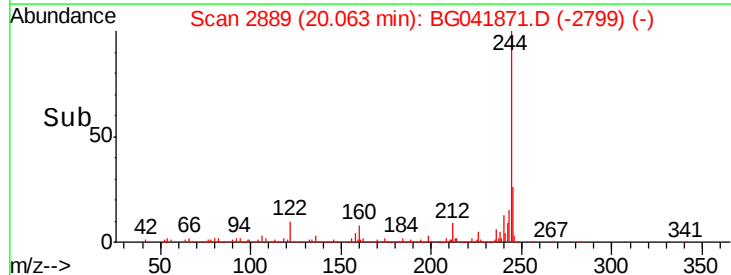
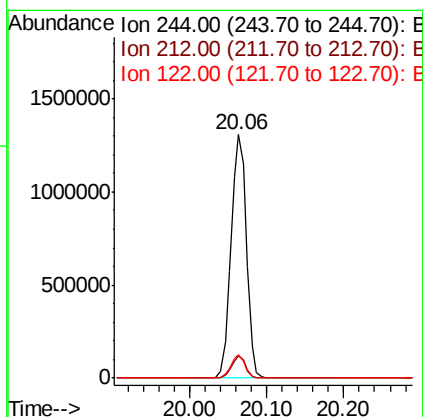
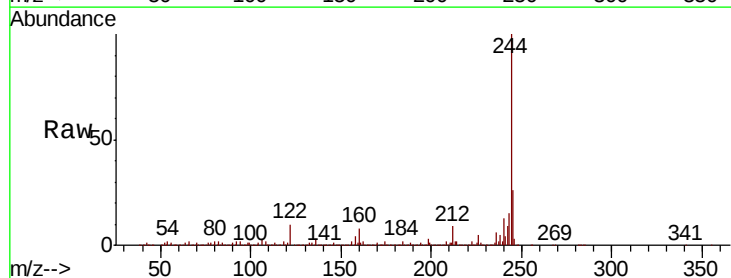
Instrument :
BNA_F
ClientSampled :
TP-13

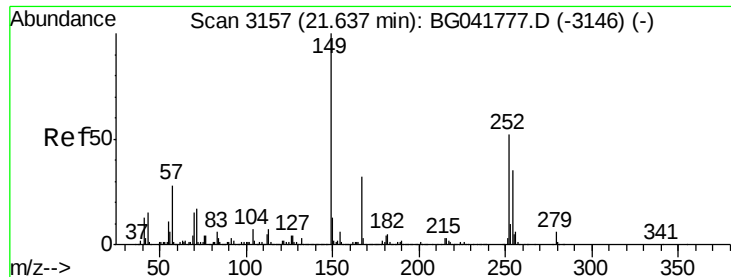
Tgt Ion:240 Resp: 638570
Ion Ratio Lower Upper
240 100
120 7.2 8.0 12.0#
236 26.9 22.6 33.8



#79
Terphenyl-d14
Concen: 65.661 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion:244 Resp: 1832356
Ion Ratio Lower Upper
244 100
212 9.0 9.7 14.5#
122 9.6 12.5 18.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.547 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

Instrument :

BNA_F

ClientSampleId :

TP-13

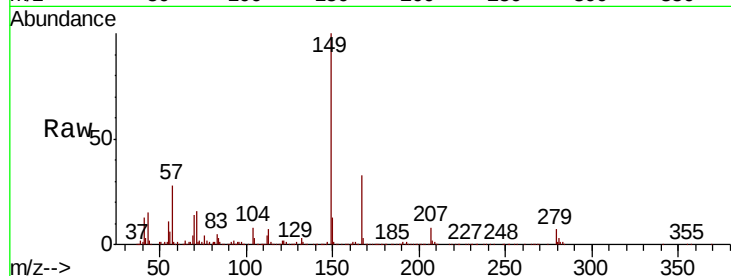
Tgt Ion:149 Resp: 171021

Ion Ratio Lower Upper

149 100

167 32.8 27.0 40.4

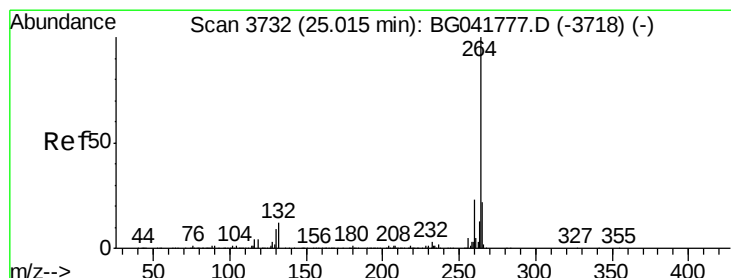
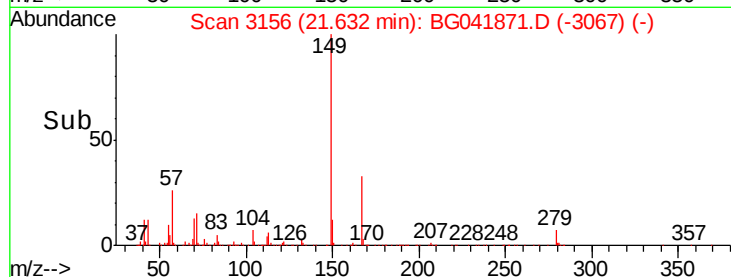
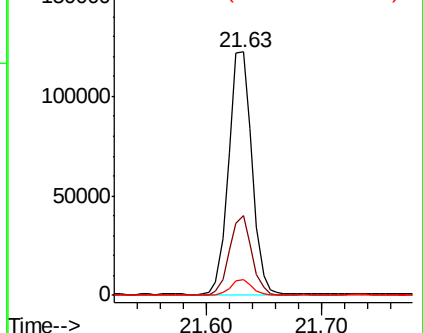
279 6.6 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

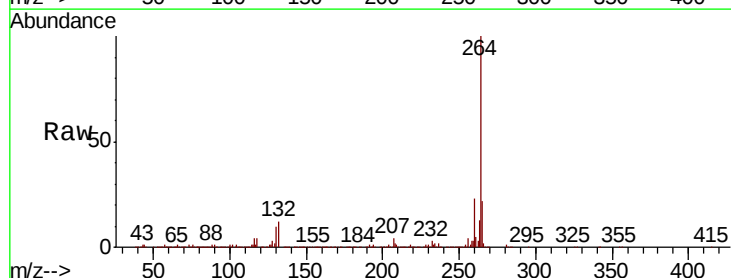
Tgt Ion:264 Resp: 767200

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 22.0 18.0 27.0



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

